

Parts Manual



See "General Information"
for New Parts Manual
Features.

D11R Track-Type Tractor

7PZ1-Up (Machine)
2GR1180-Up (Engine)
1SY1-Up (Transmission)
8PP1-Up (Bulldozer)
8RP1-Up (Bulldozer)
5MP1-Up (Ripper)
7CP1-Up (Ripper)
7DP1-Up (Ripper)
7YP1-Up (Ripper)
7ZP1-Up (Ripper)
4BT1-Up (Torque Converter)

Powered By 3508B Engine

This Parts Manual is also available in .PDF Format on Compact Disc
(CD-ROM)-Caterpillar Form No. SERP2817-33

Product and Dealer Information

Note: For product identification plate locations, see the section “Product Identification Information” in the Operation and Maintenance Manual.

Delivery Date: _____

Product Information

Model: _____

Product Identification Number: _____

Engine Serial Number: _____

Transmission Serial Number: _____

Generator Serial Number: _____

Attachment Serial Numbers: _____

Attachment Information: _____

Customer Equipment Number: _____

Dealer Equipment Number: _____

Dealer Information

Name: _____ Branch: _____

Address: _____

Dealer Contact

Phone Number

Hours

Sales: _____

Parts: _____

Service: _____

Informations produit et concessionnaire

Nota: Voir l'emplacement de la plaque signalétique du produit au chapitre "Informations produit" du guide d'utilisation et d'entretien.

Date de livraison: _____

Informations produit

Modèle: _____

Numéro d'identification produit: _____

Numéro de série du moteur: _____

Numéro de série de la boîte de vitesses: _____

Numéro de série de l'alternateur: _____

Numéros de série d'équipement: _____

Informations sur l'équipement: _____

Numéro matériel client: _____

Numéro matériel concessionnaire: _____

Informations concessionnaire

Nom: _____ Agence: _____

Adresse: _____

Contact concessionnaire

Numéro de téléphone

Heures

Ventes: _____

Pièces: _____

Service: _____

Información del Producto/Distribuidor

Nota: Para saber la ubicación de las placas de identificación del producto, ver la sección “Información sobre identificación del producto” en el Manual de Operación y Mantenimiento.

Fecha de entrega: _____

Información del producto

Modelo: _____

Número de identificación del producto: _____

Número de serie del motor: _____

Número de serie de la transmisión: _____

Número de serie del generador: _____

Números de serie de los accesorios: _____

Información sobre los accesorios: _____

Número del equipo del cliente: _____

Número del equipo del distribuidor: _____

Información del distribuidor

Nombre: _____ Sucursal: _____

Dirección: _____

	<u>Comunicación con el distribuidor</u>	<u>Número de teléfono</u>	<u>Horas</u>
Ventas:	_____	_____	_____
Piezas:	_____	_____	_____
Servicio:	_____	_____	_____

Informações Sobre Produto e Revendedor

Nota: Para localizações da placa de identificação do produto, consulte a seção, “Informações Sobre Identificação do Produto” no Manual de Operação e Manutenção.

Data de Entrega: _____

Informações Sobre o Produto

Modelo: _____

Número de Identificação do Produto: _____

Número de Série do Motor: _____

Número de Série da Transmissão: _____

Número de Série do Gerador: _____

Números de Série de Acessórios: _____

Informações Sobre Acessórios: _____

Número do Equipamento do Cliente: _____

Número do Equipamento do Revendedor: _____

Informações Sobre o Revendedor

Nome: _____ Filial: _____

Endereço: _____

Contato do Revendedor

Telefone

Horas

Vendas: _____

Peças: _____

Serviço: _____

Produkt- und Händlerinformation

Anmerkung: Für die Lage der Produkt-Identnummer und Seriennummern siehe Abschnitt "Produkt-Identinformation" im Betriebs- und Wartungshandbuch.

Lieferdatum: _____

Produkt-Identinformation

Modell: _____

Produkt-Identnummer: _____

Seriennummer des Motors: _____

Seriennummer des Getriebes: _____

Seriennummer des Generators: _____

Seriennummern der Arbeitsgeräte: _____

Arbeitsgeräteinformation: _____

Kundennummer: _____

Händlernummer: _____

Händlerinformation

Name: _____ Niederlassung: _____

Adresse: _____

Kontaktperson beim Händler

Telefon

Dienststunden

Verkauf: _____

Ersatzteile: _____

Service: _____

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* TRADUÇÃO NÃO DISPONÍVEL NO MOMENTO DA IMPRESSÃO

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* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

GENERAL INFORMATION

1. MACHINE IDENTIFICATION

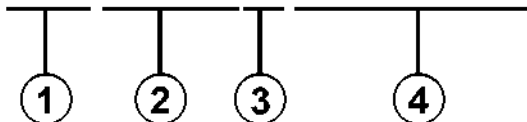
Caterpillar machines are identified by Product Identification Numbers (PIN). Some components included in a machine may be identified by Serial Numbers (S/N). Typical components that will be serialized include engines, transmissions, bulldozers, and rippers. The machine and engine are further identified by arrangement numbers and in some cases modification numbers. These numbers are shown on the product identification plate(s) and on the master plate in the operator's compartment.

Caterpillar dealers need all of these numbers to determine accurate parts identification.

New Feature

Effective First Quarter 2001 the Caterpillar Product Identification Number (PIN) changed from 8 to 17 characters. In an effort to provide uniform equipment identification, Caterpillar and other construction equipment manufacturers are moving to comply with the latest version of the product identification numbering standard. Non-road machine PINs are defined by ISO 10261. The new PIN format will apply to all Caterpillar machines and generator sets. The PIN plates and frame marking will display the 17 character PIN. The new format will look like the following:

CAT 0789BG 6SL12345



1 2 3 4

Where:

1. Caterpillar's World Manufacturing Code (characters 1-3)
2. Machine Descriptor (characters 4-8)
3. Check Character (character 9)
4. Machine Indicator Section (MIS) or Product Sequence Number (characters 10-17). These were previously referred to as the Serial Number.

Machines and generator sets produced before First Quarter 2001 will maintain their 8 character PIN format.

Components such as engines, transmissions, axles, etc. and work tools will continue to use an 8 character Serial Number (S/N).

2. ORDERING PARTS

WARNING

When replacement parts are required for this product Caterpillar recommends using Caterpillar replacement parts or parts with equivalent specifications including, but not limited to, physical dimensions, type, strength and material.

Failure to heed this warning can lead to premature failures, product damage, personal injury or death.

Quality Caterpillar replacement parts are available from Caterpillar dealers throughout the world. Their parts inventories are up to date and include all parts normally required to protect your investment in Caterpillar machines. Dealers may offer repair kits or remanufactured parts to allow selection of the most effective repair alternative for a particular situation. When ordering parts, your order should specify the quantity, part number, part name, and the serial number/product identification number of the machine for which the parts are needed.

3. PARTS MANUAL ORGANIZATION

Product information in this manual is presented as "information elements" that represent all of the components for the specific model. Engine Arrangement and Seat Group are examples of information elements. The information elements are organized alphabetically by part name and secondarily by part number within each major section of the manual.

4. TABLE OF CONTENTS

A table of contents (TOC) is found at the beginning of the manual. The TOC lists each section of the manual with a complete list of all information elements organized as they appear in the manual. Page numbers are provided for quick reference to detailed parts identification illustrations and serviceable consist lists.

5. MAINTENANCE PARTS INDEX

The Maintenance Parts Index, located near the beginning of the manual, references most frequently used maintenance part numbers, providing description, quantity, usage and page number. This information is organized alphabetically by part description.

GENERAL INFORMATION

6. INDEX

The index located near the front of the manual is an alphabetical listing of all information elements included in the manual. Page numbers are provided for quick reference to detailed parts identification illustrations and serviceable consist lists.

7. PART NUMBER INDEX

A numerical index listing all part numbers and the corresponding page number(s) appears at the back of the manual.

8. CAPTIONS

Captions located at the beginning of each information element identify the part number and part name along with additional descriptive information. PIN and S/N information found in each caption should be used to select correct information for a specific machine. Field replacement options, identification of optional attachment components, and where used ("part of") information is also provided.

The first line of a caption is shown in larger type font to indicate the beginning of an information element. Captions for additional pages that may be required to illustrate an information element will be shown in standard type font and will include the term (*contd.*)

9. NON-SERVICED PARTS

In some instances it is necessary to display non-serviced parts that are a link to a lower level serviceable consist lists. These non-serviced part numbers are shown in *italic* type indicating that they are not available.

10. PARTS LIST REFERENCE NUMBERS

Numbers shown in the Ref No column correspond to numbers used in the associated graphic(s). An alphabetic suffix may be added to a reference number to identify lower level consist items. Numbers shown in the Graphic Ref column refer to the graphic number identifier displayed in the lower left corner of each illustration. The Graphic Ref number may be used in combination with the item Ref No to determine the correct part number. There may be intentional omission of a Ref No in a consist list as information is updated to reflect the latest serviceable part numbers.

11. INDENTED PART NAMES

When a part name is indented in a parts list, it is part of (included in) the group or assembly under which it is indented.

12. ILLUSTRATION REFERENCE LETTERS

When necessary, illustrations contain reference letters (A, B, C etc.) that are intended to track lines and harnesses from one point to another. They are also used to show where to reconnect illustrations that have been separated.

13. ABBREVIATIONS AND SYMBOLS

O.D. – Outside Diameter
I.D. – Inside Diameter
A – Not Part Of This Group
B – Use As Required
C – Change From Previous Type
D – Order By The Meter
E – Order By The Centimeter
F – Not Shown
G – Order By The Inch
I – See Hose Fabrication Guide
M – Metric Part
R – Remfg Part May Be Available
Y – Separate Illustration
Z – Not Serviced Separately



New Feature

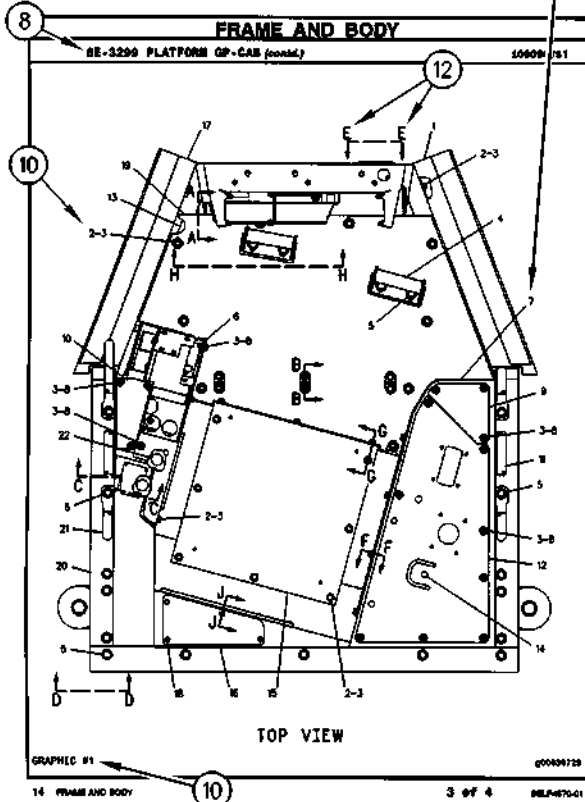
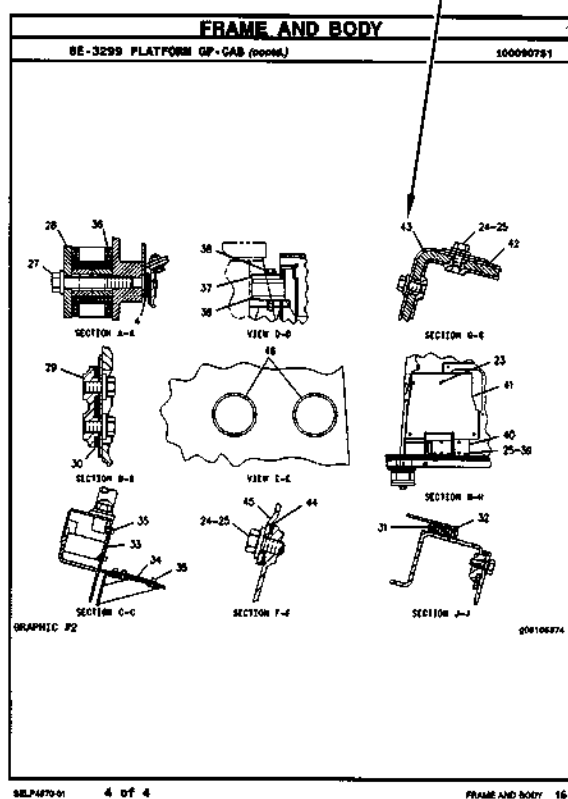
14.<END>

This symbol indicates the end of an information element.

NOTE:

Continuing improvement and advancement of product design may cause changes to your machine which may not be included in this publication. Whenever a question arises regarding your caterpillar product or this publication, please consult your caterpillar dealer for the latest available information.

GENERAL INFORMATION

[illegible][illegible]

GÉNÉRALITÉS

1. IDENTIFICATION DE LA MACHINE

Toutes les machines Caterpillar portent un numéro d'identification (PIN). Certains composants des machines peuvent porter des numéros de série (S/N). En général, parmi les composants qui portent des numéros de série il y a les moteurs, les transmissions, les bulldozers et les rippers. En plus, la machine et le moteur peuvent recevoir des numéros de version, et dans certains cas, de modification. Ces numéros figurent sur les plaques de numéro de série et sur la plaque signalétique principale qui se trouve dans le poste de conduite.

Les concessionnaires Caterpillar doivent connaître tous ces numéros pour identifier correctement les pièces.



Nouvelle Caractéristique

À partir du premier trimestre 2001, le numéro d'identification produit (PIN) Caterpillar passe de 8 à 17 caractères. Afin de permettre une identification uniforme des matériels, Caterpillar et d'autres constructeurs de machines de travaux publics s'efforcent de se conformer à la norme la plus récente portant sur les numéros d'identification des produits. Les numéros d'identification (PIN) de machines de chantier sont définis par la norme ISO 10261. Le nouveau format du numéro d'identification est valable pour toutes les machines et tous les groupes électrogènes Caterpillar. Le numéro d'identification produit (PIN) figurant sur la plaque et sur le châssis se composera de 17 caractères. Le nouveau format ressemblera à ceci:

CAT 0789BG 6SL12345

1 2 3 4

Il se décomposera de la façon suivante:

1. Code international de fabrication de Caterpillar (caractères 1 à 3)
2. Descriptif de la machine (caractères 4 à 8)
3. Contrôle (caractère 9)
4. Indicateur machine (MIS) ou numéro de séquence produit (caractères 10 à 17). Ceux-ci étaient auparavant désignés sous le terme de numéro de série.

Les machines et les groupes électrogènes construits avant le premier trimestre 2001 garderont le format à 8 caractères du numéro d'identification produit (PIN).

Les organes tels que les moteurs, les boîtes de vitesses, les essieux, etc., continueront d'être désignés par un numéro de série (S/N) à 8 caractères.

2. COMMANDE DE PIÈCES



Lorsqu'il faut remplacer des pièces de rechange pour ce produit Caterpillar recommande d'utiliser les pièces de rechange Caterpillar ou les pièces qui ont des spécifications équivalentes dont les dimensions physiques, le type, la force et le matériau. Ces équivalences ne se limitent pas à l'énoncé précédent.

L'inobservation de cette mise en garde peut entraîner des défaillances prématurées, des dommages au produit, des blessures ou même la mort.

Les concessionnaires Caterpillar fournissent dans le monde entier des pièces de rechange de qualité Caterpillar. Leurs stocks de pièces sont constamment réapprovisionnés et comptent toutes les pièces nécessaires pour assurer la bonne marche de vos machines Caterpillar. Certains concessionnaires proposent également des kits de réparation ou des pièces rénovées, ce qui permet de choisir la solution la plus économique dans une situation donnée. Lors des commandes de pièces, mentionner la quantité, le numéro et la désignation des pièces ainsi que le numéro de série ou le numéro d'identification (PIN) de la machine pour laquelle ces pièces sont requises.

3. ORGANISATION DU CATALOGUE DE PIÈCES

Les renseignements sur les produits sont présentés sous forme de "Information element" (élément d'information) représentant tous les composants d'un modèle donné. "Engine Arrangement" (version de moteur) et "Seat Group" (assemblage de siège) sont des exemples d'éléments d'information. Les éléments d'information sont classés par ordre alphabétique par la désignation standard des pièces et par numéros de pièces dans chaque partie importante du manuel.

4. TABLE DES MATIÈRES



Nouvelle Caractéristique

La table des matières se trouve au début du manuel. La table des matières fournit la liste de tous les chapitres du manuel avec une liste complète de tous les éléments d'information classés par ordre d'apparition dans le manuel. Les numéros de page sont fournis afin que l'utilisateur puisse trouver rapidement les illustrations détaillées concernant l'identification des pièces et les listes des pièces d'entretien.

5. INDEX DES PIÈCES D'ENTRETIEN

La rubrique "Index des pièces d'entretien" qui se trouve au début du manuel renvoie aux pièces d'entretien les plus fréquemment utilisées en précisant la désignation, la quantité, là où la pièce est utilisée et le numéro de page. Ces pièces sont classés par ordre alphabétique.

6. INDEX

L'index qui se trouve vers le début du manuel est une liste alphabétique de tous les éléments d'information du manuel. Les numéros de page sont fournis afin que l'utilisateur puisse trouver rapidement les illustrations détaillées concernant l'identification des pièces et les listes des pièces d'entretien.

7. INDEX DES NUMÉROS DE PIÈCES

Une liste numérique de tous les numéros de pièces et des pages correspondantes se trouve à la fin du manuel.

8. LÉGENDES

Les légendes qui se trouvent en haut de chaque page de chaque élément d'information fournissent le numéro de pièce, la désignation ainsi que des renseignements supplémentaires sur les pièces. Les renseignements concernant les numéros de série (S/N) qui se trouvent dans chaque légende doivent être utilisés pour sélectionner les informations correctes pour un moteur donné. Les informations concernant les options de remplacement sur le chantier, l'identification des composants des équipements offerts en option et les lieux d'application sont aussi fournies.



Nouvelle Caractéristique

Les lettres de la première ligne d'une légende sont présentées en police plus grande afin d'indiquer le début d'une unité d'information. Les légendes qui pourraient être requises pour des pages supplémentaires afin d'illustrer une unité d'information seront présentées en police standard et comprendront le terme (à suivre).

9. PIÈCES NON FOURNIES



Nouvelle Caractéristique

Dans certains cas, il est nécessaire d'indiquer les pièces non fournies qui sont en aval de la liste des pièces d'entretien. Les numéros des pièces non fournies dans la liste des pièces et les légendes seront en italique pour signaler qu'ils ne sont pas disponibles.

10. NUMÉROS DE RÉFÉRENCE DE LA LISTE DES PIÈCES



Nouvelle Caractéristique

Les numéros indiqués dans la colonne des numéros de références correspondent aux numéros utilisés dans les illustrations auxquelles ils sont associés. Un suffixe alphabétique peut être ajouté à un numéro de référence pour identifier la liste des articles en aval. Les numéros indiqués dans la colonne de référence de l'illustration renvoient à l'identification du numéro affiché dans le coin inférieur gauche de chaque illustration. Le numéro de référence de l'illustration pourrait être utilisé avec le numéro de référence de l'article pour déterminer le numéro de pièce correct. Il peut y avoir une omission intentionnelle d'un numéro de référence dans une liste de pièces suite à la mise à jour des informations en vue de refléter les numéros de pièces les plus récentes.

11. DÉSIGNATIONS DE PIÈCES EN RETRAIT

Lorsqu'une désignation de pièce est en retrait, cela veut dire que l'article en regard fait partie de l'ensemble sous lequel il figure.

12. LETTRES DE RÉFÉRENCE DES ILLUSTRATIONS

Quand cela est nécessaire, les illustrations comportent des lettres de référence (A, B, C, etc.) pour montrer le trajet des canalisations et faisceaux de câbles d'un point à l'autre. Elles sont utilisées également pour indiquer où relier les illustrations séparées auparavant.

13. ABRÉVIATIONS ET SYMBOLES

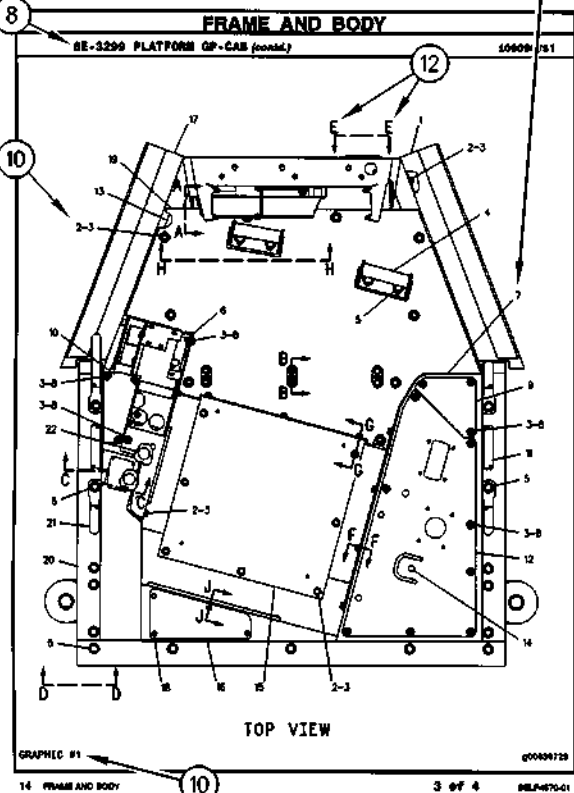
- O.D. – Diamètre extérieur
- I.D. – Diamètre intérieur
- A – Ne fait pas partie de ce groupe
- B – Utiliser selon besoin
- C – Modification
- D – Commander par mètre
- E – Commander par centimètre
- F – Non représenté
- G – Commander par pouce
- I – Voir "Hose Fabrication Guide"
- M – Pièce métrique
- R – Pièce rénovée éventuellement disponible
- Y – Illustration séparée
- Z – Non fourni séparément

NOTA:

En raison du progrès technique et des améliorations continues apportées au matériel, votre machine comporte peut-être des modifications qui n'apparaissent pas dans la présente publication. En cas de doute sur un détail de votre machine Caterpillar ou sur le texte de la présente publication, adressez-vous à votre concessionnaire Caterpillar.

GÉNÉRALITÉS

8 FRAME AND BODY									
SE-3299 PLATFORM GP-CAB									
FOR SEKI-99999									
100090751									
NO	REV	QTY	PART NUMBER	QTY	PART NAME	REV	NO	REV	QTY
1	1	1	SE-3299	1	FRAME ASSEMBLY	1	1	1	1
2	1	1	SE-3299	1	PLATE AS	1	2	1	1
3	1	1	SE-3299	1	BOLT (3/8-16X.75)IN	1	3	1	1
4	1	1	SE-3299	1	WASHER-HEAD (3MM THK)	1	4	1	1
5	1	1	SE-3299	1	SUPPORT AS-2007	1	5	1	1
6	1	1	SE-3299	1	BOLT (1/2-13X1)IN	1	6	1	1
7	1	1	SE-3299	1	WASHER-HEAD (3MM THK)	1	7	1	1
8	1	1	SE-3299	1	COVER AS-14	1	8	1	1
9	1	1	SE-3299	1	NUT-BOLT (3/8-16 THD)	1	9	1	1
10	1	1	SE-3299	1	CLIP	1	10	1	1
11	1	1	SE-3299	1	COVER	1	11	1	1
12	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	12	1	1
13	1	1	SE-3299	1	COVER	1	13	1	1
14	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	14	1	1
15	1	1	SE-3299	1	COVER	1	15	1	1
16	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	16	1	1
17	1	1	SE-3299	1	COVER	1	17	1	1
18	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	18	1	1
19	1	1	SE-3299	1	COVER	1	19	1	1
20	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	20	1	1
21	1	1	SE-3299	1	COVER	1	21	1	1
22	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	22	1	1
23	1	1	SE-3299	1	COVER	1	23	1	1
24	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	24	1	1
25	1	1	SE-3299	1	COVER	1	25	1	1
26	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	26	1	1
27	1	1	SE-3299	1	COVER	1	27	1	1
28	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	28	1	1
29	1	1	SE-3299	1	COVER	1	29	1	1
30	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	30	1	1
31	1	1	SE-3299	1	COVER	1	31	1	1
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37	1	1	SE-3299	1	COVER	1	37	1	1
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41	1	1	SE-3299	1	COVER	1	41	1	1
42	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	42	1	1
43	1	1	SE-3299	1	COVER	1	43	1	1
44	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	44	1	1
45	1	1	SE-3299	1	COVER	1	45	1	1
46	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	46	1	1
47	1	1	SE-3299	1	COVER	1	47	1	1
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63	1	1	SE-3299	1	COVER	1	63	1	1
64	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	64	1	1
65	1	1	SE-3299	1	COVER	1	65	1	1
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77	1	1	SE-3299	1	COVER	1	77	1	1
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79	1	1	SE-3299	1	COVER	1	79	1	1
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81	1	1	SE-3299	1	COVER	1	81	1	1
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91	1	1	SE-3299	1	COVER	1	91	1	1
92	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	92	1	1
93	1	1	SE-3299	1	COVER	1	93	1	1
94	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	94	1	1
95	1	1	SE-3299	1	COVER	1	95	1	1
96	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	96	1	1
97	1	1	SE-3299	1	COVER	1	97	1	1
98	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	98	1	1
99	1	1	SE-3299	1	COVER	1	99	1	1
100	1	1	SE-3299	1	WASHER-HEAD (3/8-16X.75)IN	1	100	1	1



86-3299 PLATFORM GP-CAB (cont'd)										100090751
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222	1	1	SE-3299	1	COVER					
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224	1	1	SE-3299	1	COVER					
225	1	1	SE-3299	1	COVER					
226	1	1	SE-3299	1	COVER					
227	1	1	SE-3299	1	COVER					
228	1	1	SE-3299	1	COVER					
229	1	1	SE-3299	1	COVER					
230	1	1	SE-3299	1	COVER					
231	1	1	SE-3299	1	COVER					
232	1	1	SE-3299	1	COVER					
233	1	1	SE-3299	1	COVER					
234	1	1	SE-3299	1	COVER					
235	1	1	SE-3299	1	COVER					
236	1	1	SE-3299	1	COVER					

INFORMACIÓN GENERAL

1. MÁQUINAS

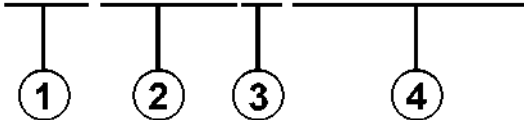
Las máquinas Caterpillar se identifican con Números de Identificación del Producto (PIN). Algunos componentes incluidos en la máquina pueden estar identificados con Números de Serie (N/S). Los componentes que tienen típicamente esta identificación incluyen motores, transmisiones, hojas topadoras y desgarradores. La máquina y el motor se identifican además con Números de Configuración y en algunos casos, Números de Modificación. Estos números están en las placas de identificación del producto o en la placa principal en la cabina del operador.

Los distribuidores Caterpillar necesitan estos números para identificar con exactitud los números de piezas de repuesto.

Nueva Característica

A partir del primer trimestre del 2001, el Número de Identificación de Producto (PIN) de Caterpillar cambió de 8 a 17 caracteres. Para hacer más uniforme el método de identificación de equipos, Caterpillar y otros fabricantes de equipo de construcción han tomado medidas para cumplir con la versión más reciente de la norma de numeración de identificación de productos. Los Números de Identificación de Producto para máquinas que no se operan en carreteras son definidos por la norma ISO 10261. El nuevo formato PIN corresponderá a todas las máquinas y grupos electrógenos Caterpillar. Las placas y los caracteres PIN estampados en el bastidor mostrarán el PIN de 17 caracteres. El nuevo formato tendrá la apariencia siguiente:

CAT 0789BG 6SL12345



Significado de los caracteres:

1. Código de Fabricación Mundial de Caterpillar (caracteres 1-3)
2. Sección Descriptor de la Máquina (caracteres 4-8)
3. Carácter de Verificación (carácter 9)

4. Sección Indicador de la Máquina (MIS) o Número de Secuencia de Producto (caracteres 10-17). Anteriormente, estos caracteres constituían el Número de Serie.

Las máquinas y grupos electrógenos producidos antes del primer semestre del 2001 mantendrán su formato PIN de 8 caracteres.

Los componentes como motores, transmisiones, ejes, herramientas de trabajo, etc., continuarán usando un Número de Serie (S/N) de 8 caracteres.

2. COMO PEDIR REPUESTOS

ADVERTENCIA

Cuando se necesiten piezas de repuesto para este producto, Caterpillar recomienda usar piezas de repuesto Caterpillar o piezas que tengan especificaciones equivalentes incluyendo, pero sin estar limitadas a, dimensiones físicas, tipo, fortaleza y material.

El no hacer caso de esta advertencia puede llevar a fallas prematuras, daños al producto y lesiones graves o mortales.

Las piezas de repuesto Caterpillar de calidad están a la disposición de los distribuidores Caterpillar en todo el mundo. Sus existencias actualizadas incluyen todas las piezas normalmente requeridas para proteger su inversión en máquinas Caterpillar. Los distribuidores pueden tener juegos de reparación o piezas remanufacturadas para permitir la selección de la mejor alternativa de reparación en un caso en particular. Al pedir piezas de repuesto, especifique en su pedido la cantidad, el número de pieza, el nombre de la pieza y el número de serie/número de identificación del producto, de la máquina para la cual se necesitan estas piezas.

3. ORGANIZACION DEL MANUAL DE PIEZAS

La información sobre el producto, se presenta en este manual, como "elementos de información" que representan todos los componentes de un modelo específico. Las configuraciones de motores y los grupos de asientos son ejemplos de elementos de información. Los elementos de información están organizados primeramente por nombres de piezas en orden alfabético y en segundo lugar, por el número de pieza dentro de cada sección principal del manual.

INFORMACIÓN GENERAL

4. CONTENIDO

La página de Contenido se encuentra al principio del manual. El Contenido indica cada sección del manual con una lista completa de todos los elementos de información organizados en el orden que aparecen en el manual. Los números de página proporcionan una referencia rápida a las ilustraciones detalladas de identificación de piezas y a las listas de componentes de repuesto de dichas piezas.

5. ÍNDICE DE PIEZAS DE MANTENIMIENTO

Al principio de este catálogo se encuentra un índice de los números de piezas utilizadas más frecuentemente para el mantenimiento, que incluye descripción, cantidad necesaria, lugar de utilización y número de página. Esta información está organizada alfabéticamente, por descripción de la pieza.

6. ÍNDICE

El Índice, ubicado cerca del principio del manual, es una lista en orden alfabético de todos los elementos de información incluidos en el manual. Los números de página proporcionan una referencia rápida a las ilustraciones detalladas de identificación de piezas y a las listas de componentes de repuesto de dichas piezas.

7. INDICE NUMÉRICO DE PIEZAS

Un índice numérico de piezas con el correspondiente número de página aparece al final de este catálogo.

8. TÍTULOS

Los títulos ubicados al principio de cada elemento de información identifican el número y el nombre de la pieza junto con información descriptiva. Se debe usar información sobre los Números de Identificación de Pieza (PIN) y los números de serie (S/N) para seleccionar la información que corresponda a una máquina en particular. También se suministra información sobre las opciones de reparación en el campo, la identificación de componentes de accesorios optativos y el lugar de ubicación de la pieza ("es parte de").

La primera línea del título se muestra con un tipo de letra más grande para indicar el comienzo de un elemento de información. Si se requieren páginas adicionales para ilustrar un elemento de información, los títulos se muestran con un tipo de letra normal y la continuación se indica entre paréntesis.

9. PIEZAS QUE NO SE SUMINISTRAN COMO REPUESTO

En algunos casos es necesario indicar piezas que no se suministran como repuesto pero que pueden estar conectadas a listas de componentes de otras piezas de repuesto. En tal caso, dichas piezas se muestran en cursiva para indicar que no son piezas disponibles.

10. NÚMEROS DE REFERENCIA

Los números en la columna de No. de Referencia corresponden a los números indicados en la ilustración que pertenece a ese número de pieza. Los números que tienen un sufijo alfabético identifican artículos de las listas de componentes de piezas. Los números en la columna de Referencia de la ilustración se identifican en la esquina inferior izquierda de cada ilustración. Para determinar el número de pieza correcto se puede utilizar tanto el No. de Referencia de la ilustración como el No. de Referencia del artículo. A medida que se actualiza la información para indicar los más recientes números de piezas de repuesto, puede omitirse intencionalmente un No. de Referencia en una lista de componentes de piezas.

11. NOMBRES DE PIEZA SANGRADOS

Cuando el nombre de una pieza está sangrado en una lista, significa que esta pieza forma parte del grupo o conjunto del renglón inmediatamente superior.

12. LETRAS DE REFERENCIA DE ILUSTRACIONES

Las ilustraciones contienen algunas veces letras de referencia (A, B, C etc.) cuyo propósito es seguir el trayecto de líneas y mazos de cables de un punto a otro. También se utilizan para mostrar dónde volver a unir ilustraciones que se habían separado.

INFORMACIÓN GENERAL

13. ABREVIATURAS Y SIMBOLOS

O.D. – Diámetro exterior

I.D. – Diámetro interior

A – No es pieza de este grupo

B – Utilizado según la demanda

C – Indica cambio

D – Se pide por metro

E – Se pide por centímetro

F – No se muestra

G – Se pide por pulgada

I – Ver "Hose Fabrication Guide"

M – Pieza métrica

R – Puede estar disponible como pieza remanufacturada

Y – Ilustración separada

Z – No se suministra por separado



Nueva Característica

14.<END>

Este símbolo indica el final de un elemento de información.

NOTA:

Las continuas mejoras y adelantos en diseño podrían originar cambios a su máquina que no se incluyen en esta publicación. Cuando tenga alguna pregunta acerca de su producto Caterpillar o de esta publicación, consulte al distribuidor Caterpillar para obtener la información más reciente.

INFORMACIÓN GENERAL

8 **FRAME AND BODY**
SE-3299 PLATFORM GP-CAB
PIN 58X1-00000

8004-7283 100090751

NOTE	NO	REV	QTY	PART NUMBER	PART NAME	SEE PAGE
	1	1	1	SE-3299	FRAME ASSEMBLY	
	2	1	1	SE-3299	PLATE AS	
	3	1	1	SE-3299	BOLT (3/8-16X.750IN)	
	4	1	1	SE-3299	WASHER-HEAD (3MM THK)	
	5	1	1	SE-3299	SUPPORT AS-2001	
	6	1	1	SE-3299	BOLT (1/2-13X1.125IN)	
	7	1	1	SE-3299	WASHER-HEAD (3MM THK)	
	8	1	1	SE-3299	COVER AS-14	
	9	1	1	SE-3299	NUT-BOLT (3/8-16 THD)	
	10	1	1	SE-3299	CLIP	
	11	1	1	SE-3299	COVER	
	12	1	1	SE-3299	WASHER-HEAD (3/8-16X.750IN)	
	13	1	1	SE-3299	COVER	
	14	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	15	1	1	SE-3299	COVER AS	
	16	1	1	SE-3299	NUT-BOLT (3/8-16 THD)	
	17	1	1	SE-3299	CLIP	
	18	1	1	SE-3299	COVER	
	19	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	20	1	1	SE-3299	COVER	
	21	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	22	1	1	SE-3299	COVER	
	23	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	24	1	1	SE-3299	COVER	
	25	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	26	1	1	SE-3299	COVER	
	27	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	28	1	1	SE-3299	COVER	
	29	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	30	1	1	SE-3299	COVER	
	31	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	32	1	1	SE-3299	COVER	
	33	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	34	1	1	SE-3299	COVER	
	35	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	36	1	1	SE-3299	COVER	
	37	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	38	1	1	SE-3299	COVER	
	39	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	40	1	1	SE-3299	COVER	
	41	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	42	1	1	SE-3299	COVER	
	43	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	44	1	1	SE-3299	COVER	
	45	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	46	1	1	SE-3299	COVER	
	47	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	48	1	1	SE-3299	COVER	
	49	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	50	1	1	SE-3299	COVER	
	51	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	52	1	1	SE-3299	COVER	
	53	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	54	1	1	SE-3299	COVER	
	55	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	56	1	1	SE-3299	COVER	
	57	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	58	1	1	SE-3299	COVER	
	59	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	60	1	1	SE-3299	COVER	
	61	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	62	1	1	SE-3299	COVER	
	63	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	64	1	1	SE-3299	COVER	
	65	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	66	1	1	SE-3299	COVER	
	67	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	68	1	1	SE-3299	COVER	
	69	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	70	1	1	SE-3299	COVER	
	71	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	72	1	1	SE-3299	COVER	
	73	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	74	1	1	SE-3299	COVER	
	75	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	76	1	1	SE-3299	COVER	
	77	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	78	1	1	SE-3299	COVER	
	79	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	80	1	1	SE-3299	COVER	
	81	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	82	1	1	SE-3299	COVER	
	83	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	84	1	1	SE-3299	COVER	
	85	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	86	1	1	SE-3299	COVER	
	87	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	88	1	1	SE-3299	COVER	
	89	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	90	1	1	SE-3299	COVER	
	91	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	92	1	1	SE-3299	COVER	
	93	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	94	1	1	SE-3299	COVER	
	95	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	96	1	1	SE-3299	COVER	
	97	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	98	1	1	SE-3299	COVER	
	99	1	1	SE-3299	WASHER-HEAD (3/8-16 THD)	
	100	1	1	SE-3299	COVER	

12 FRAME AND BODY 1 OF 4 BELP470-01

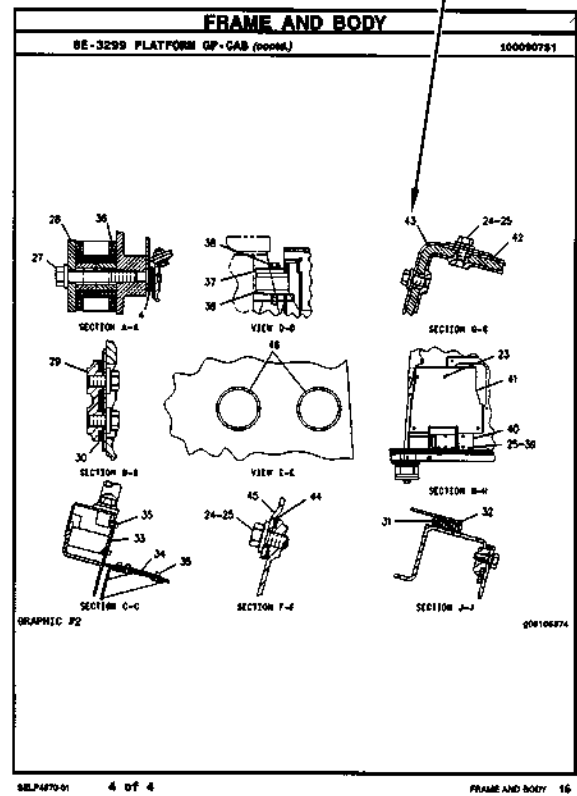
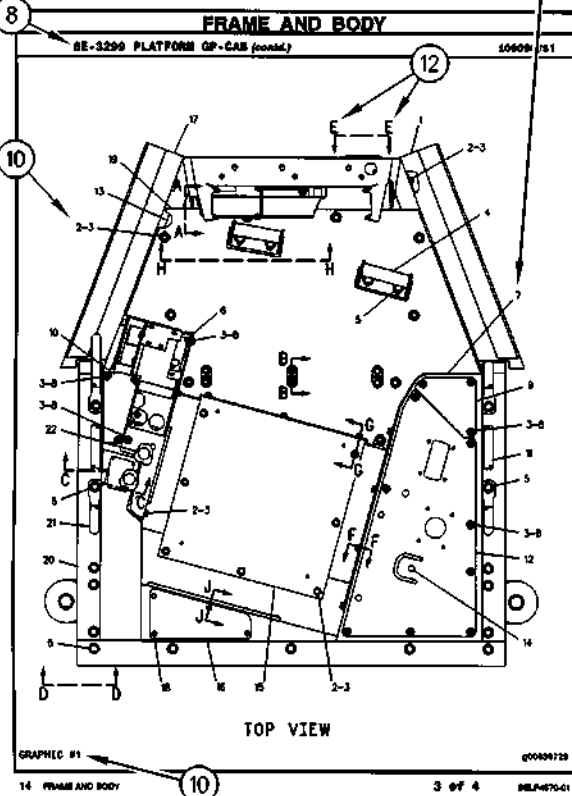
FRAME AND BODY
SE-3299 PLATFORM GP-CAB (contd.)
100090751

NOTE	NO	REV	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	SE-3299	1	COVER	
	2	1	SE-3299	1	PLATE	
	3	1	SE-3299	1	WASHER	
	4	1	SE-3299	1	COVER	
	5	1	SE-3299	1	COVER	
	6	1	SE-3299	1	PLATE-BUTTON	

13

10

12 FRAME AND BODY 13



INFORMAÇÃO GERAL

1. IDENTIFICAÇÃO DA MÁQUINA

As máquinas Caterpillar são identificadas pelos Números de Informação do Produto (PIN). Alguns componentes incluídos numa máquina podem ser identificados por Números de Série (S/N). Componentes típicos que serão enumerados com números de série incluem motores, transmissões, lâminas e ríperes. Além do número de série, a máquina e o motor são ainda identificados por números de arranjo e, em alguns casos, números de modificações. Tais números encontram-se na(s) placa(s) de identificação do produto e na placa mestre no compartimento do operador.

Novidades

A partir do primeiro trimestre de 2001 o Número de Identificação de Produto da Caterpillar (PIN) precisa ser mudado de 8 para 17 caracteres. Esforçando-se para fornecer uma identificação uniforme de equipamentos, a Caterpillar e outros fabricantes de equipamento de construção estão mudando para atender a versão mais atualizada do padrão de identificação de produtos. Os números de PIN para produtos de aplicações não rodoviárias são definidos pela ISO 10261. O novo formato de número PIN será adotado em todas as máquinas e grupos geradores Caterpillar. As placas e as marcações do chassi mostrarão os 17 dígitos de PIN. O novo formato terá a seguinte disposição:

CAT 0789BG 6SL12345

Diagrama de identificação do PIN com 17 dígitos. Os dígitos 1, 2, 3 e 4 estão circunscritos e conectados por linhas verticais aos dígitos correspondentes da sequência: 0, 7, 8, 9, B, G, 6, S, L, 1, 2, 3, 4, 5.

Onde:

1. Código de Fabricação Mundial da Caterpillar (dígitos 1-3)
2. Descrição da Máquina (dígitos 4-8)
3. Dígito de Verificação (dígito 9)
4. Seção de Indicador da Máquina (MIS) ou Número de Seqüência de Produto (dígitos 10-17). Estes eram anteriormente chamados de Número de Série.

Máquinas e grupos geradores produzidos antes do primeiro trimestre de 2001 manterão o formato de 8 caracteres de PIN.

Componentes como motores, transmissões, eixos, ferramentas de trabalho, etc. continuarão a usar Número de Série (S/N) com oito caracteres.

2. COMO OBTER PEÇAS

CUIDADO

Quando peças de substituição são exigidas para este produto, a Caterpillar recomenda a utilização de peças de substituição Caterpillar ou peças com as especificações equivalentes incluindo, mas não limitadas, à dimensões físicas, tipos, resistência e materiais.

A inobservância desta advertência poderá resultar em falhas prematuras, danos ao produto, ferimentos ou morte.

As Peças de Reposição de Qualidade Caterpillar encontram-se disponíveis nos revendedores Caterpillar no mundo inteiro. Seus estoques de peças são atualizados e incluem todas as peças normalmente necessárias para proteger seu investimento em máquinas Caterpillar. Alguns revendedores podem oferecer jogos de reparo ou peças de troca/remanufaturadas disponíveis como uma opção da alternativa de reparo mais eficaz para uma situação específica. Ao encomendar peças, seu pedido deve especificar a quantidade, o número e o nome da peça e o número de série/número de identificação do produto referentes à máquina para a qual as peças se destinam.

3. ORGANIZAÇÃO DO MANUAL DE PEÇAS

A informação do produto neste manual é apresentada em forma de "elementos de informação" que representam todos os componentes para o modelo específico. Arranjo de Motor e Grupo de Assento são exemplos de elementos de informação. Os elementos de informação são organizados em ordem alfabética por nome de peça ou secundariamente, por número de peça incluído em cada seção principal do manual.

4. LISTA DE CONTEÚDOS

A Lista de Conteúdos (TOC) se encontra no princípio do manual. A Lista de Conteúdos (TOC) relaciona em cada seção do manual uma lista completa com todos os elementos de informação organizados conforme aparecem no manual. Números de página são fornecidos para que se tenha referência rápida de ilustrações de peças detalhadas e listas de conteúdos que podem receber serviço de manutenção.

INFORMAÇÃO GERAL

5. ÍNDICE DE PEÇAS DE MANUTENÇÃO

O Índice de Peças de Manutenção, localizado perto do princípio do manual, faz referência aos números de peça de manutenção usados com maior frequência, fornecendo uma descrição, a quantidade, o uso e o número de página. Esta informação é organizada com a descrição da peça em ordem alfabética.

6. ÍNDICE

O Índice localizado perto do princípio do manual, consiste de uma lista em ordem alfabética de todos os elementos de informação incluídos no manual. Números de página são fornecidos para que se tenha referência rápida de ilustrações de peças detalhadas e listas de conteúdos que podem receber serviço de manutenção.

7. ÍNDICE DE NÚMERO DE PEÇA

Um índice numérico relacionando todos os números de peça e a(s) página(s) correspondentes, aparece no final do manual.

8. LEGENDAS

As legendas localizadas no início de cada elemento de informação identificam o número e o nome de peça, juntamente com informação descritiva adicional. Informações sobre o Número de Informação do Produto (PIN) e o Número de Série (S/N) encontradas em cada legenda devem ser usadas para selecionar a informação correta sobre uma máquina específica. Opções de substituição no campo, identificação de componentes de acessórios opcionais e informações sobre onde são utilizados ("parte de") são também fornecidas.

A primeira linha de uma legenda é indicada em tipo maior para indicar o princípio de um elemento de informação. Legendas para páginas adicionais que podem ser necessárias para ilustrar um elemento de informação serão apresentadas em tipo padrão e incluirão o termo (*continua*) .

9. NÃO DISPONÍVEL SEPARADAMENTE

Em alguns casos, é necessário mostrar peças não disponíveis separadamente que têm uma ligação com listas de conteúdos de nível inferior que podem receber serviço de manutenção. Os números de peça destes componentes não disponíveis aparecerão em *italico* , a fim de indicar que não estão disponíveis.

10. NÚMEROS DE REFERÊNCIA À LISTA DE PEÇAS

Os números indicados na coluna Ref No (No. de Referência) correspondem-se aos números usados no(s) gráfico(s) correspondente(s). Um sufixo com letras pode ser acrescentado a um número de referência para identificar itens de conteúdo de nível inferior. Os números indicados na coluna Graphic Ref (Referência de Gráfico) referem-se ao identificador de número de gráfico presente no canto esquerdo inferior de cada ilustração. O número de Referência de Gráfico pode ser usado em combinação com o item Ref No para determinar-se o número de peça correto. Poderá haver omissão intencional de um número de referência (Ref No) de uma lista de conteúdos uma vez que as informações são atualizadas para refletir os números de peça mais recentes que podem receber serviço de manutenção.

11. NOMES DE PEÇAS DESALINHADOS

Quando um nome de peça encontra-se desalinhado numa lista de peças, significa que tal item faz parte do (está incluído no) grupo ou conjunto sob o qual está relacionado.

12. LETRAS DE REFERÊNCIA NAS ILUSTRAÇÕES

Quando necessário, as ilustrações contêm letras de referência (A, B, C, etc.) que são utilizadas para seguir tubulações e cabos elétricos de um ponto a outro. Também foram utilizadas para indicar onde se pode reconectar as ilustrações que foram separadas.

13. ABREVIACÕES E SÍMBOLOS

O.D. – "Outside Diameter" (Diâmetro Externo)

I.D. – "Inside Diameter" (Diâmetro Interno)

A – Não faz parte deste grupo

B – Use conforme necessário

C – Indica modificação

D – Vendido por metro

E – Vendido por centímetro

F – Não ilustrado

G – Vendido por polegada

I – Consulte o seu revendedor quanto a mangueira

M – Peça métrica

R – Peça remanufaturada pode estar disponível; consulte o seu revendedor Cat

Y – Ilustração separada

Z – Não disponível separadamente



Novidades

14. <END>

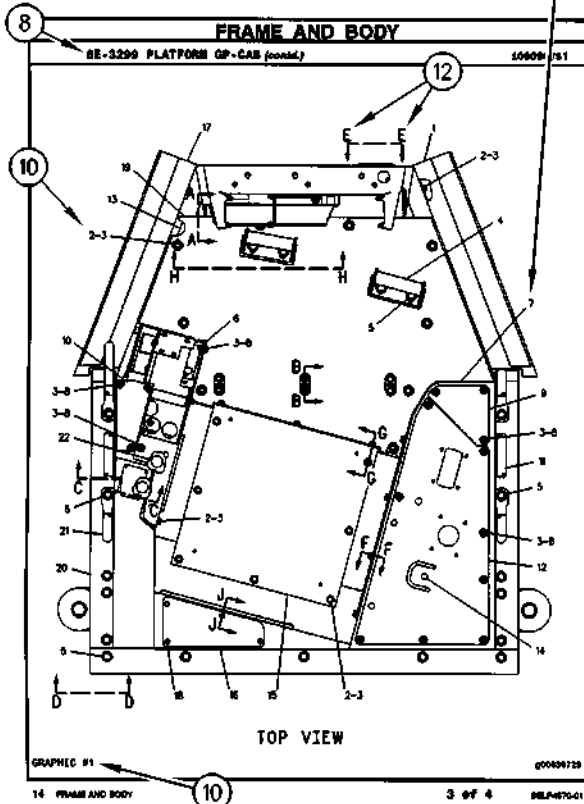
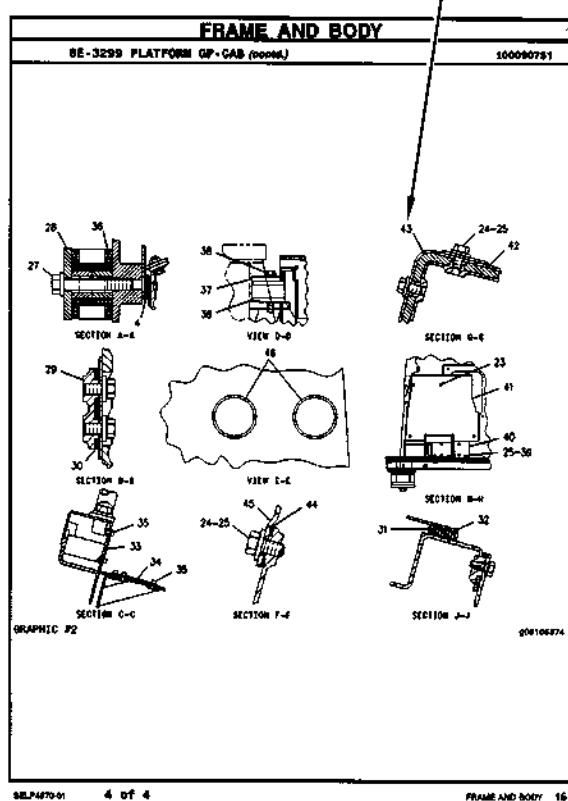
Este símbolo indica o final de um elemento de informação.

INFORMAÇÃO GERAL

NOTA:

Os contínuos aperfeiçoamentos e avanços no projeto do produto podem ocasionar modificações em sua máquina que talvez ainda não estejam incluídas nesta publicação. Sempre que surgirem dúvidas quanto a um produto Caterpillar ou quanto à presente publicação, consulte o seu revendedor Caterpillar para obter as informações mais recentes disponíveis.

INFORMAÇÃO GERAL

[illegible][illegible]

ALLGEMEINE HINWEISE

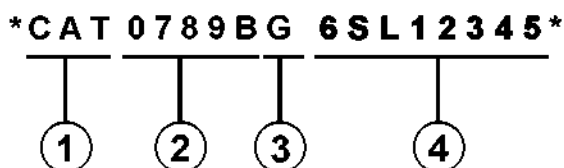
1. MASCHINENKENNZEICHNUNG

Caterpillar-Maschinen sind mit PRODUCT IDENTIFICATION NUMBERS (PIN) (Produkt-Identnummern) gekennzeichnet. Einige Baugruppen, z.B. Motoren, Getriebe, Planierschilde und Aufreißer, sind mit SERIAL NUMBERS (S/N) (Seriennummern) gekennzeichnet. An der Maschine und am Motor befinden sich außerdem ARRANGEMENT NUMBERS (Ausrüstungsnummern) sowie in einigen Fällen MODIFICATION NUMBERS (Änderungsnummern). Sie befinden sich auf den PIN-Schildern und auf dem Typenschild im Fahrerhaus.

Bei Ersatzteilbestellungen müssen dem Händler alle diese Nummern zur Verfügung gestellt werden.

Neu im Parts Manual

Vom ersten Quartal 2001 ab wurde die Caterpillar Produkt-Identnummer (PIN) von 8 auf 17 Zeichen geändert. Um zur Standardisierung der Produkt-Identnummer beizutragen, sind Caterpillar und andere Baumaschinenhersteller bestrebt, die aktuellste Norm zur Produkt-Identnummerierung einzuführen. Produkt-Identnummern für Baumaschinen sind durch ISO 10261 definiert. Das neue Format der Produkt-Identnummern gilt für alle Caterpillar-Maschinen und -Stromaggregate. Die Produkt-Identschilder und -Identrahmenmarkierung enthalten die aus 17 Zeichen bestehende Identnummer. Das neue Format hat folgende Abschnitte:



Abschnitte:

1. Caterpillars weltweiter Herstellungscode (Zeichen 1-3)
2. Modell (Zeichen 4-8)
3. Kontrollzeichen (Zeichen 9)
4. Maschinenspezifische Kennung (MIS) oder Produktsequenznummer (Zeichen 10-17). Diese wurde früher als Seriennummer bezeichnet.

Für vor dem ersten Quartal 2001 hergestellte Maschinen und Stromaggregate wird das aus 8 Zeichen bestehende PIN-Format beibehalten.

Bauteile wie z.B. Motoren, Getriebe, Achsen sowie Arbeitsgeräte werden weiterhin eine aus 8 Zeichen bestehende Seriennummer (S/N) aufweisen.

2. BESTELLEN VON ERSATZTEILEN



WARNUNG

Wenn für diese Maschine Ersatzteile benötigt werden, empfiehlt Caterpillar, ausschließlich Caterpillar-Ersatzteile oder solche zu verwenden, die die gleichen technischen Merkmale hinsichtlich Typ, Festigkeit, Werkzeugeigenschaften und die gleichen Maße aufweisen.

Bei Nichtbeachtung dieser Warnung besteht Verletzungs- oder sogar Lebensgefahr! Ferner kann Nichtbeachtung vorzeitige Ausfälle der Teile und Beschädigung der Maschine zur Folge haben.

Original Caterpillar-Ersatzteile können weltweit bei jedem Caterpillar-Händler bestellt werden. Die umfangreichen Händlerlager enthalten normalerweise alle Teile, die Sie für Ihre Caterpillar-Maschine benötigen. Einige Händler bieten Reparatursätze, Austausch- oder werküberholte Teile an, so daß Sie eine Auswahl unter verschiedenen Reparaturmöglichkeiten treffen können. Ihre Bestellung muß folgende Angaben enthalten: Anzahl der benötigten Teile, Bestellnummer, Bezeichnung des Teils, Serien-Nr./Produkt-Ident-Nr., Ausrüstungs-Nr. und Änderungs-Nr. der Maschine, für die diese Teile benötigt werden.

3. AUFBAU DES PARTS MANUAL

Die Produktinformationen für alle Komponenten eines bestimmten Modells sind in INFORMATION ELEMENTS (Informationseinheiten) gegliedert. ENGINE ARRANGEMENT (Motorausführung) und SEAT GROUP (Fahrersitz) sind Beispiele für solche Informationseinheiten. Sie sind innerhalb jeder Gruppe alphabetisch, entsprechend der Ersatzteilbezeichnung, und zusätzlich numerisch, entsprechend der Ersatzteilnummer, geordnet.

4. INHALTSVERZEICHNIS

Das Inhaltsverzeichnis befindet sich am Anfang des Buches. Im Inhaltsverzeichnis werden die einzelnen Abschnitte des Buches aufgeführt. Die Abschnitte enthalten eine vollständige Aufstellung aller Informationseinheiten. Diese sind entsprechend ihrem Erscheinen im Buch geordnet. Das Inhaltsverzeichnis enthält Seitenangaben für Schnellverweise auf detaillierte Abbildungen und Teillisten.

ALLGEMEINE HINWEISE

5. INDEX FÜR WARTUNGSTEILE

Der Index für Wartungsteile vorn im Buch enthält die Bestellnummern, Seitenangaben, Mengenangaben und Informationen über den Einsatzbereich für die am häufigsten benötigten Ersatzteile. Die Angaben sind alphabetisch entsprechend der Teilebezeichnung geordnet.

6. INDEX

Der Index vorn im Buch enthält eine alphabetische Liste aller Informationseinheiten. Er enthält Seitenangaben für Schnellverweise auf detaillierte Abbildungen und Teillisten.

7. INDEX FÜR BESTELLNUMMERN

Hinten im Buch befindet sich ein numerischer Index, mit allen Bestellnummern und dem Hinweis auf die Seite, auf der sich die betreffende Abbildung befindet.

8. ÜBERSCHRIFTEN

Die Überschriften, die sich am Anfang jeder der Informationseinheiten befinden, enthalten Bestellnummern, Ersatzteilbezeichnungen und zusätzliche beschreibende Informationen. Produkt-Ident- und Seriennummern in den Überschriften sollten zur Auswahl der richtigen Informationen für die betreffende Maschine verwendet werden. Die Überschriften enthalten außerdem Informationen über möglichen Außendienstersatz, mögliche Baugerätekomponenten und die Baugruppe, zu der das Teil gehört.

Die erste Zeile einer Überschrift erscheint in einer größeren Schriftart, um den Anfang einer Informationseinheit zu kennzeichnen. Überschriften für zusätzliche Seiten, die zur Erläuterung einer Informationseinheit notwendig sind, erscheinen in normaler Schriftart und enthalten den Begriff "(contd.)".

9. NICHT EINZELN LIEFERBARE TEILE

In einigen Fällen ist es notwendig nicht lieferbare Teile, die selbst mit einer eigenen Teilliste im Buch vertreten sind, aufzuführen. Die Bestellnummern dieser nicht einzeln lieferbaren Teile erscheinen kursiv, wodurch angezeigt wird, daß sie nur in Verbindung mit anderen Teilen lieferbar sind.

10. REFERENZNUMMER FÜR ERSATZTEILE

Die Zahlen, die in der Spalte "Ref No" aufgeführt sind, stimmen mit den Zahlen in den beigegeführten Abbildungen überein. Ein Buchstaben-Suffix kann zu einer Referenznummer hinzugefügt werden, um zu kennzeichnen, daß das Teil mit einer eigenen Teilliste im Buch aufgeführt ist. Die in der Spalte "Graphic Ref" angeführten Zahlen verweisen auf die Identifikationsnummer der Abbildung, die sich in der linken unteren Ecke der Abbildung befindet. Diese Nummer kann zusammen mit der Referenznummer des Teils angegeben werden, um die richtige Ersatzteilnummer zu ermitteln. Referenznummern können absichtlich weggelassen werden, da die Nummern der lieferbaren Ersatzteile ständig aktualisiert werden.

11. EINGERÜCKTE BEZEICHNUNGEN

Wenn eine Bezeichnung eingerückt ist, wird dadurch angezeigt, daß das Teil zu einer Baugruppe gehört, unter deren Bezeichnung es eingerückt ist.

12. REFERENZBUCHSTABEN

Falls erforderlich sind in den Abbildungen Referenzbuchstaben enthalten (z.B. A, B, C, usw.), die Leitungen und Kabelbäume von einem Punkt zum anderen verfolgen. Außerdem geben sie die Stelle an, an der getrennte Abbildungen fortgesetzt werden.

13. ABKÜRZUNGEN UND SYMBOLE

O.D. – Außendurchmesser
I.D. – Innendurchmesser
A – kein Teil dieser Gruppe
B – nach Bedarf verwenden
C – Hinweis auf eine Änderung
D – in Meter-Länge bestellen
E – in Zentimeter-Länge bestellen
F – nicht gezeigt
G – in Zoll-Länge bestellen
I – siehe "Hose Fabrication Guide"
M – metrisches Teil
R – werküberholtes Teil unter Umständen lieferbar
Y – separate Abbildung
Z – nicht einzeln lieferbar



Neu im Parts Manual

14. <END>

Dieses Symbol zeigt das Ende eines Informationselements an.

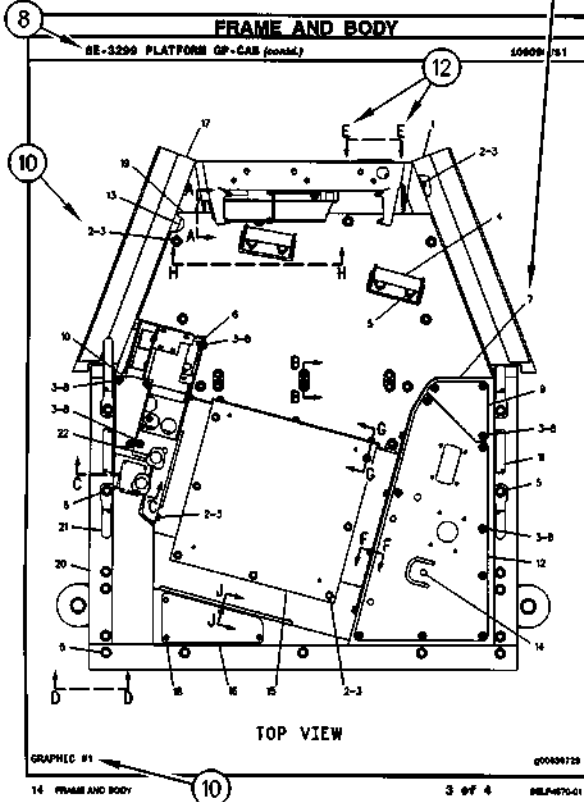
ALLGEMEINE HINWEISE

ANMERKUNG:

Ständig vorgenommene Verbesserungen und Weiterentwicklungen an Ihrer Maschine können Änderungen verursachen, die in der vorliegenden Ausgabe noch nicht berücksichtigt sind. Fragen zu Ihrer Caterpillar-Maschine oder diesem Ersatzteilbuch beantwortet Ihr Caterpillar-Händler.

ALLGEMEINE HINWEISE

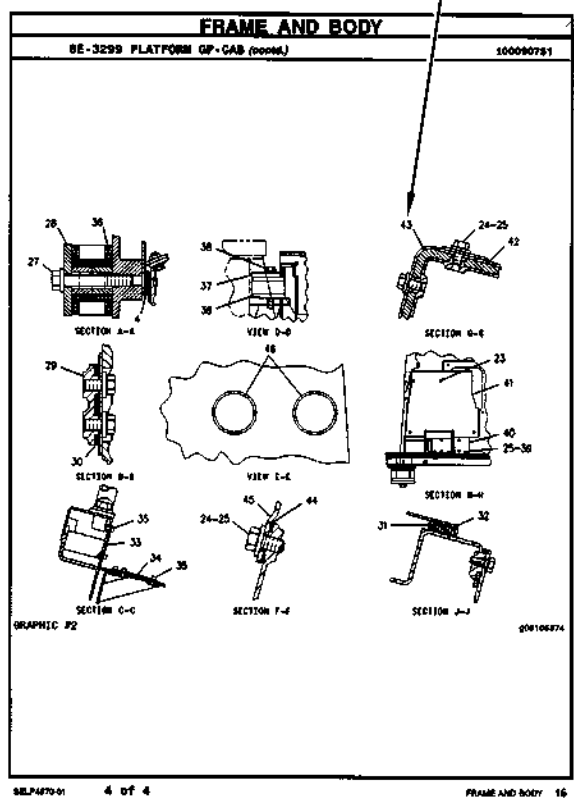
8		FRAME AND BODY				1
		SE-3200 PLATFORM GP-CAS				
		PIN 88K1-00000				
88C4-7283						800000791
NOTE	NO	GRABBAR REF	PART NUMBER	PART NAME	QTY	SEE PAGE
	1		31-7983	PLATE AS		
	2		31-7984	ROLY (3/4-18X.75IN)		
	3		31-7975	ROLY-HEAD (3MM THK)		
	4		31-7980	BUFFER AS-P007		
	5		31-7989	ROLY (1/2-13X1IN)		
	6		31-7985	ROLY-HEAD (4MM THK)		
	7		31-7986	COVER-MAIN		
	8		31-7978	ROLY-HEAD (3/8-16 TPD)		
	9		31-7979	CLIP		
	10		31-7977	COVER		
	11		31-7976	COVER-HEAD (3/8-16X.67X1IN)		
	12		31-7974	COVER		
	13		31-7973	WASHER		
	14		31-7972	WASHER		
	15		31-7971	WASHER		
	16		31-7970	WASHER		
	17		31-7969	WASHER		
	18		31-7968	WASHER		
	19		31-7967	WASHER		
	20		31-7966	WASHER		
	21		31-7965	WASHER		
	22		31-7964	WASHER		
	23		31-7963	WASHER		
	24		31-7962	WASHER		
	25		31-7961	WASHER		
	26		31-7960	WASHER		
	27		31-7959	WASHER		
	28		31-7958	WASHER		
	29		31-7957	WASHER		
	30		31-7956	WASHER		
	31		31-7955	WASHER		
	32		31-7954	WASHER		
	33		31-7953	WASHER		
	34		31-7952	WASHER		
	35		31-7951	WASHER		
	36		31-7950	WASHER		
	37		31-7949	WASHER		
	38		31-7948	WASHER		
	39		31-7947	WASHER		
	40		31-7946	WASHER		



88-3200 PLATFORM CP-CAS (cont.)						100090781
REF	QTY	DESCRIPTION	PART NUMBER	QTY	PART NAME	REF
NOTE	REQ	REQ			1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	REQ
	41	2	88-3618	1	COVER	
	42	2	77-9194	1	PLATE	
	43	2	77-9194	1	PLATE	
	44	2	77-9194	1	PLATE	
	45	2	78-8720	1	COVER	
	46	2	78-8720	1	COVER	
	47	2	87-1888	2	PLUG-BUTTON	

W-METRIC PART

10



REPAIR ALTERNATIVES

REMANUFACTURED COMPONENTS

As an option when making repairs consider Caterpillar Remanufactured Components. Components that are available through the Caterpillar Remanufactured Program are identified three ways in the parts book:

- with the letter R in the note field of the parts list
- with an R* at the beginning of the first line of the caption
- with an *R at the end of the first line of the caption

Typical components included in the Remanufacturing Program include:

ALTERNATORS
CONNECTING RODS
CRANKSHAFTS - UNDERSIZE
CRANKSHAFTS - UPGRADE TO NEW
CYLINDER HEADS
ELECTRONIC CONTROL MODULES (ECM)
ELECTRONIC SENSORS
FUEL INJECTORS
FUEL NOZZLES
FUEL PUMPS
GOVERNORS
OIL PUMPS
PISTONS
SHORT BLOCKS
STARTERS
TURBOCHARGERS - COMPLETE
TURBOCHARGER CARTRIDGES
WATER PUMPS

Caterpillar Remanufactured engines for many engine arrangements are also available.

OPTIONS DE RÉPARATION

COMPOSANTS RÉNOVÉS

Comme option de réparation, considérer les composants rénovés Caterpillar. Les composants disponibles dans le cadre du programme Caterpillar de composants rénovés sont identifiés de trois façons dans le catalogue de pièces:

- avec la lettre "R" dans l'espace note de la liste des pièces
- avec R* au début de la première ligne des légendes
- avec *R à la fin de la première ligne des légendes

Les composants suivants figurent parmi les composants typiques du programme de rénovation:

ALTERNATEURS
BIELLES
VILEBREQUINS - SOUS-DIMENSIONNÉS
VILEBREQUINS - REMIS À NEUF
CULASSES
MODULES DE COMMANDE ÉLECTRONIQUE (ECM)
CAPTEURS ÉLECTRONIQUES
INJECTEURS
TÊTES D'INJECTEURS
POMPES À CARBURANT
RÉGULATEURS
POMPES À HUILE
PISTONS
BLOCS EMBIELLÉS
DÉMARREURS
TURBOCOMPRESSEURS - COMPLETS
CARTOUCHES DE TURBOCOMPRESSEUR
POMPES À EAU

Des moteurs rénovés sont aussi disponibles pour plusieurs versions de moteur.

ALTERNATIVAS DE REPARACIÓN

COMPONENTES REMANUFACTURADOS

Al hacer reparaciones, tenga en cuenta la opción de Componentes Remanufacturados Caterpillar. Los componentes que están disponibles por medio del programa de Productos Remanufacturados Caterpillar se identifican de tres maneras en el manual de piezas:

- con la letra R en el espacio de Nota de la lista de piezas
- con una R* al comienzo de la primera línea de la leyenda
- con una *R al final de la primera línea de la leyenda

Los componentes que se incluyen típicamente en el Programa de Productos Remanufacturados son:

ALTERNADORES
BIELAS
CIGÜEÑALES - BAJOMEDIDA
CIGÜEÑALES - REMANUFACTURADOS A NUEVO
CULATAS
MÓDULOS DE CONTROL ELECTRÓNICO (ECM)
SENSORES ELECTRONICOS
INYECTORES
BOQUILLAS
BOMBAS DE COMBUSTIBLE
REGULADORES
BOMBAS DE ACEITE
PISTONES
MONOBLOQUES
MOTORES DE ARRANQUE
TURBOCOMPRESORES - COMPLETOS
NÚCLEOS DE TURBOCOMPRESOR
BOMBAS DE AGUA

También hay disponibles motores Remanufacturados Caterpillar para muchas de las configuraciones de motores.

ALTERNATIVAS DE REPARO

COMPONENTES REMANUFATURADOS

Considere o uso de Componentes Remanufaturados Caterpillar ao efetuar reparos. Os componentes disponíveis através do Programa de Remanufatura Caterpillar são identificados de três formas no manual de peças:

- com um R na área da nota da lista de peças
- com um R* no princípio da primeira linha da legenda
- com um *R no final da primeira linha da legenda

Os componentes típicos que constam no Programa de Remanufatura incluem:

ALTERNADORES
BIELAS
VIRABREQUINS - SUBMEDIDAS
VIRABREQUINS - ATUALIZAÇÃO
CABEÇOTES
MÓDULOS DE CONTROLE ELETRÔNICO (ECM)
SENSORES ELETRÔNICOS
INJETORES DE COMBUSTÍVEL
BICOS DE ABASTECIMENTO DE COMBUSTÍVEL
BOMBAS DE COMBUSTÍVEL
GOVERNADORES
BOMBAS DE ÓLEO
PISTÕES
BLOCOS BÁSICOS DO MOTOR
MOTORES DE PARTIDA
TURBOALIMENTADORES - COMPLETOS
CARTUCHOS DE TURBOALIMENTADORES
BOMBAS D'ÁGUA

Motores Remanufaturados Caterpillar também encontram-se disponíveis para diversos arranjos de motor.

REPARATURALTERNATIVEN

WERKÜBERHOLTE AT-PRODUKTE

Bei Reparaturen sollten werküberholte AT-Produkte von Caterpillar in Betracht gezogen werden. Die durch das AT-Programm von Caterpillar erhältlichen Teile sind im Parts Book auf drei verschiedene Arten gekennzeichnet:

- mit dem Buchstaben R in der Spalte NOTE der Ersatzteilliste
- mit einem R* am Anfang der ersten Zeile der Überschrift
- mit einem *R am Ende der ersten Zeile der Überschrift

Das AT-Programm umfaßt u.a. folgende Produkte:

DREHSTROMGENERATOREN
PLEUELSTANGEN
KURBELWELLEN - MIT UNTERMASSE
KURBELWELLEN - MIT ORIGINALMASSE
ZYLINDERKÖPFE
ELEKTRONISCHE STEUEREINHEITEN (EMC)
ELEKTRONISCHE SENSOREN
PUMPENDÜSEN
EINSPRITZDÜSEN
KRAFTSTOFFPUMPEN
DREHZAHLREGLER
ÖLPUMPEN
KOLBEN
TEILMOTOREN
ANLASSER
TURBOLADER - KOMPLETT
TURBOLADERLAUFZEUGE
KÜHLWASSERPUMPEN

Viele Motoren können durch werküberholte AT-Motoren von Caterpillar ersetzt werden.

SUPPLEMENTAL COOLANT ADDITIVES

CUSTOMER BENEFITS:

Protects against cavitation, foam, erosion, corrosion, and scale buildup in cooling systems.

- Provides measured coolant conditioner.

DESCRIPTION:

Additives deplete from the coolant with normal operation. For this reason, Supplemental Coolant Additives (SCA) must be added to all heavy duty coolants at regular intervals. In addition, when not using a fully formulated, pre-charged antifreeze, like Caterpillar's DEAC, an initial charge of SCA must be added to the cooling system. The amount of SCA added to the system is dependent on the capacity of the system.

The SCA for initial fill is provided as a liquid. SCA's for maintenance intervals are available in liquid form and as a spin-on element. (No Spin-on available for 3600 Family of Engines)

NOTE:

The amount of SCA added at initial fill is not the same as the amount added at maintenance intervals.

The coolant additive elements can be used with any ethylene or propylene glycol type antifreeze which meets ASTM D4985 or ASTM D5345 Specifications.

NOTE:

For use with standard heavy duty coolant only, not for use with Extended Life Coolant.

PARTS NEEDED:

Cooling System Capacity		Liquid SCA at Initial Fill	Liquid SCA at Maintenance*	Spin-on SCA Maintenance Element*
Liters	Gallons			
22-30	(6-8)	3P-2044 (1)	6V-3542 (1)	111-2370 (1)
30-38	(8-10)	3P-2044 (1) 6V-3542 (1)	111-2372 (1)	111-2369 (1)
38-49	(10-13)	3P-2044 (1) 8T-1589 (1)	111-2372 (1)	111-2369 (1)
49-64	(13-17)	3P-2044 (2)	8T-1589 (1)	9N-3368 (1)
64-83	(17-22)	3P-2044 (2) 8T-1589 (1)	111-2372 (1) 6V-3542 (1)	111-2371 (1)
83-114	(22-30)	3P-2044 (3) 8T-1589 (1)	3P-2044 (1)	9N-3718 (1)
114-163	(30-43)	3P-2044 (5)	3P-2044 (1) 6V-3542 (1)	111-2371 (2)
163-242	(43-64)	3P-2044 (8)	3P-2044 (2)	9N-3718 (2)

* Normal maintenance period is 250 hrs. See your Operation and Maintenance Manual for complete coolant maintenance instructions.

() Indicates quantity required.

ADDITIFS POUR LIQUIDE DE REFROIDISSEMENT

AVANTAGES POUR LE CLIENT

L'additif protège contre la cavitation, la mousse, l'érosion, la corrosion et l'accumulation de dépôts dans le circuit de refroidissement.

- L'additif complémentaire fournit une quantité mesurée d'additif.

DESCRIPTION:

Les additifs s'épuisent pendant l'utilisation du moteur. C'est pourquoi l'on doit ajouter de l'additif au liquide de refroidissement/antigel pour moteurs diesel à intervalles réguliers. En plus, si l'on n'utilise pas de l'antigel entièrement formulé et pré-chargé comme le liquide de refroidissement/antigel Caterpillar pour moteurs diesel, une quantité initiale d'additif doit être ajoutée au circuit de refroidissement. La quantité d'additif à ajouter au circuit dépend de la contenance du circuit.

L'additif pour le remplissage initial est fourni sous forme liquide. L'additif pour l'entretien ultérieur est disponible sous forme liquide et sous forme d'élément à visser. (Il n'y a pas d'élément à visser pour les moteurs de la famille 3600).

NOTA:

La quantité d'additif à ajouter au remplissage initial diffère de la quantité à ajouter aux intervalles d'entretien.

Les éléments d'additif peuvent être utilisés avec tout antigel de type éthylène ou propylène-glycol conforme à la norme ASTM D4985 ou ASTM D5345.

NOTA:

A utiliser uniquement avec du liquide de refroidissement pour moteurs diesel et non avec le liquide de refroidissement longue durée.

PIÈCES NÉCESSAIRES:

Contenance du circuit de refroidissement		Additif liquide au remplissage initial	Additif liquide aux intervalles d'entretien*	Élément d'additif à visser aux intervalles d'entretien*
Litres	Gallons U.S.			
22-30	(6-8)	3P-2044 (1)	6V-3542 (1)	111-2370 (1)
30-38	(8-10)	3P-2044 (1) 6V-3542 (1)	111-2372 (1)	111-2369 (1)
38-49	(10-13)	3P-2044 (1) 8T-1589 (1)	111-2372 (1)	111-2369 (1)
49-64	(13-17)	3P-2044 (2)	8T-1589 (1)	9N-3368 (1)
64-83	(17-22)	3P-2044 (2) 8T-1589 (1)	111-2372 (1) 6V-3542 (1)	111-2371 (1)
83-114	(22-30)	3P-2044 (3) 8T-1589 (1)	3P-2044 (1)	9N-3718 (1)
114-163	(30-43)	3P-2044 (5)	3P-2044 (1) 6V-3542 (1)	111-2371 (2)
163-242	(43-64)	3P-2044 (8)	3P-2044 (2)	9N-3718 (2)

* L'intervalle d'entretien normal est de 250 heures-service. Voir le Guide d'utilisation et d'entretien pour de plus amples renseignements concernant l'entretien du circuit de refroidissement.

() Indique la quantité exigée.

ADITIVOS DE REFRIGERANTE SUPLEMENTARIOS

VENTAJAS PARA EL USUARIO:

Protegen contra la cavitación, la formación de espuma, la corrosión y la acumulación de escamas en los sistemas de enfriamiento.

- Suministra un acondicionador dosificado de refrigerante.

DESCRIPCIÓN:

Los aditivos en el refrigerante se agotan con la operación normal. Por esta razón, se debe agregar Aditivo de refrigerante suplementario (SCA) a todos los refrigerantes para servicio pesado, a intervalos regulares. Además, cuando no se usa un anticongelante de precarga completo, tal como el DEAC de Caterpillar, es necesario agregar una cantidad de aditivo de refrigerante suplementario inicial al sistema de enfriamiento. La cantidad de aditivo que se debe agregar depende de la capacidad del sistema.

El SCA de llenado inicial es líquido. El que se usa para el mantenimiento está disponible tanto en líquido como en un elemento enroscable. (No hay elemento enroscable disponible para la Familia de Motores 3600).

NOTA:

La cantidad de aditivo de llenado inicial no es la misma que se agrega en los intervalos de mantenimiento.

Los elementos de aditivo de refrigerante se pueden usar con cualquier anticongelante de tipo glicol etilénico o propílico que esté de acuerdo con las especificaciones de las normas ASTM D4985 o ASTM D5345.

NOTA:

Se debe utilizar únicamente con refrigerante estándar para servicio pesado; no se debe usar con Refrigerante de Larga Duración.

PIEZAS NECESARIAS:

Capacidad del Sistema de Enfriamiento		SCA líquido de llenado inicial	SCA líquido de mantenimiento*	Elemento de mantenimiento enroscable*
litros	gal EE.UU.			
22-30	6-8	3P-2044 (1)	6V-3542 (1)	111-2370 (1)
30-38	8-10	3P-2044 (1) 6V-3542 (1)	111-2372 (1)	111-2369 (1)
38-49	10-13	3P-2044 (1) 8T-1589 (1)	111-2372 (1)	111-2369 (1)
49-64	13-17	3P-2044 (2)	8T-1589 (1)	9N-3368 (1)
64-83	17-22	3P-2044 (2) 8T-1589 (1)	111-2372 (1) 6V-3542 (1)	111-2371 (1)
83-114	22-30	3P-2044 (3) 8T-1589 (1)	3P-2044 (1)	9N-3718 (1)
114-163	30-43	3P-2044 (5)	3P-2044 (1) 6V-3542 (1)	111-2371 (2)
163-242	43-64	3P-2044 (8)	3P-2044 (2)	9N-3718 (2)

* El período normal de mantenimiento es de 250 horas. Para ver las instrucciones completas sobre el mantenimiento del refrigerante, consulte el Manual de Operación y Mantenimiento.

() Indica la cantidad necesaria.

ADITIVOS SUPLEMENTARES DO LÍQUIDO ARREFECEDOR

BENEFÍCIOS PARA O CLIENTE:

Protege contra cavitação, espuma, erosão, corrosão e acúmulo de crostas nos sistemas de arrefecimento.

- Fornece uma quantidade pré-determinada de condicionador de arrefecimento.

DESCRIÇÃO:

Com a operação normal, os aditivos se esgotam do líquido arrefecedor. Por isso, Aditivos Suplementares do Líquido Arrefecedor (SCA) devem ser acrescentados a todos os líquidos arrefecedores para serviço pesado em intervalos regulares. Além disso, quando um anticongelante pré-carregado, totalmente formulado não for usado, como o DEAC Caterpillar, uma carga inicial de SCA deve ser acrescentada ao sistema de arrefecimento. A quantidade de SCA acrescentada ao sistema depende da capacidade do sistema.

O SCA para abastecimento inicial é fornecido em forma de líquido. Os aditivos suplementares (SCA) para intervalos de manutenção estão à disposição em forma líquida e como um elemento com roscas. (Exceto os Motores da Família 3600)

NOTA:

A quantidade de SCA adicionada no abastecimento inicial não é a mesma que a acrescentada nos intervalos de manutenção.

Os elementos do aditivo do líquido arrefecedor podem ser usados com qualquer tipo de anticongelante etileno ou propileno que satisfaz as Especificações ASTM D4985 ou ASTM D5345.

NOTA:

Para uso apenas com líquido arrefecedor para serviço pesado padrão, não deve ser usado com Líquido Arrefecedor de Vida Longa.

PEÇAS NECESSÁRIAS:

Capacidade do Sistema de Arrefecimento		Líquido SCA Durante Abastecimento Inicial	Líquido SCA Durante Manutenção*	Elemento de Manutenção de SCA com Roscas*
Litros	Galões			
22-30	6-8	3P-2044 (1)	6V-3542 (1)	111-2370 (1)
30-38	8-10	3P-2044 (1) 6V-3542 (1)	111-2372 (1)	111-2369 (1)
38-49	10-13	3P-2044 (1) 8T-1589 (1)	111-2372 (1)	111-2369 (1)
49-64	13-17	3P-2044 (2)	8T-1589 (1)	9N-3368 (1)
64-83	17-22	3P-2044 (2) 8T-1589 (1)	111-2372 (1) 6V-3542 (1)	111-2371 (1)
83-114	22-30	3P-2044 (3) 8T-1589 (1)	3P-2044 (1)	9N-3718 (1)
114-163	30-43	3P-2044 (5)	3P-2044 (1) 6V-3542 (1)	111-2371 (2)
163-242	43-64	3P-2044 (8)	3P-2044 (2)	9N-3718 (2)

* O período normal de manutenção é de 250 horas. Consulte o Manual de Operação e Manutenção para obter instruções completas quanto à manutenção do líquido arrefecedor.

() Indica a quantidade exigida.

KÜHLMITTELZUSATZ

VORTEILE FÜR DEN KUNDEN:

Schutz gegen Kavitation, Schaumbildung, Erosion, Korrosion und Kesselsteinbildung in Kühlsystemen.

- Richtig dosierter Kühlmittelzusatz

BESCHREIBUNG:

Additive erschöpfen sich während des Motorbetriebs. Deshalb muß allen HD-Kühlmitteln regelmäßig Kühlmittelzusatz beigelegt werden. Wenn bei Erstfüllung kein vollwertiges Fertigkühlmittel, wie das Frostschutz- und Kühlmittel für Dieselmotoren von Caterpillar (DEAC), verwendet wird, muß bei Erstfüllung Kühlmittelzusatz beigelegt werden. Wieviel Kühlmittelzusatz beigelegt werden muß, hängt vom Inhalt des Kühlsystems ab.

Für Erstfüllung ist Kühlmittelzusatz nur in flüssiger Form erhältlich. Für Wartungsintervalle ist Kühlmittelzusatz in flüssiger Form und als Zusatzelement erhältlich. (Für die Motorbaureihe 3600 sind keine Zusatzelemente erhältlich.)

ANMERKUNG:

Die Kühlmittelmenge bei Erstfüllung ist nicht die gleiche Menge, die bei Wartungsintervallen beigelegt werden muß.

Die Kühlmittelzusatzelemente können mit allen Frostschutzmitteln auf Ethylen- oder Propylenglykolbasis verwendet werden, die den Standards nach ASTM D4985 oder ASTM D5345 entsprechen.

ANMERKUNG:

Den Kühlmittelzusatz nicht mit Langzeitkühlmittel (ELC) von Caterpillar verwenden. Der Kühlmittelzusatz ist nur für HD-Kühlmittel bestimmt.

TEILEBEZEICHNUNG:

Kühlsysteminhalt		Kühlmittelzusatz bei Erstfüllung	Flüssiger Kühlmittelzusatz bei Wartung*	Kühlmittelzusatzelement bei Wartung*
Liter	US-Gall.			
22-30	(6-8)	3P-2044 (1)	6V-3542 (1)	111-2370 (1)
30-38	(8-10)	3P-2044 (1) 6V-3542 (1)	111-2372 (1)	111-2369 (1)
38-49	(10-13)	3P-2044 (1) 8T-1589 (1)	111-2372 (1)	111-2369 (1)
49-64	(13-17)	3P-2044 (2)	8T-1589 (1)	9N-3368 (1)
64-83	(17-22)	3P-2044 (2) 8T-1589 (1)	111-2372 (1) 6V-3542 (1)	111-2371 (1)
83-114	(22-30)	3P-2044 (3) 8T-1589 (1)	3P-2044 (1)	9N-3718 (1)
114-163	(30-43)	3P-2044 (5)	3P-2044 (1) 6V-3542 (1)	111-2371 (2)
163-242	(43-64)	3P-2044 (8)	3P-2044 (2)	9N-3718 (2)

* Der normale Wartungsintervall beträgt 250 Betriebsstunden. Für vollständige Anweisungen zur Wartung des Kühlsystems, siehe Betriebs- und Wartungshandbuch.

() Erforderliche Anzahl

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
AIR INLET AND EXHAUST SYSTEM				
ELEMENT AS-PRIMARY (AIR FILTER)	123-6855	1	AIR CLEANER GP	166
ELEMENT AS-PRIMARY (AIR FILTER) (ULTRA HIGH EFFICIENCY)	132-7168	1	AIR CLEANER GP	169
ELEMENT AS-SECONDARY (AIR FILTER)	106-3973	1	AIR CLEANER GP	169
	123-6856	1	AIR CLEANER GP	166
ELEMENT-FILTER (AIR CLEANER)	7M-1674	1	AIR CLEANER GP	167
ELEMENT-FILTER (AIR INLET SUPPORT)	7M-1674	1	SUPPORT GP-AIR INLET	190
		1	SUPPORT GP-AIR INLET	191
BASIC ENGINE				
PLUG-DRAIN (CYLINDER BLOCK)	5F-0304	2	COVER GP-CYLINDER BLOCK	11
PLUG-OIL DRAIN (ENGINE OIL PAN)	6I-0723	1	PAN GP-OIL	60
SCREEN AS (ENGINE OIL PAN)	7N-5395	1	PAN GP-OIL	60
SEAL (VALVE COVER)	208-2364	1	COVER GP-VALVE MECHANISM	15
V-BELT (ALTERNATOR)	100-3725	1	MOUNTING GP-ALTERNATOR	58
COOLING SYSTEM				
FILTER-WATER (WATER PUMP)	4N-5834	2	PUMP GP-WATER	144
		2	PUMP GP-WATER	148
PLUG-DRAIN (TRANSMISSION COOLER)	7N-1447	1	LINES GP-WATER	132
PLUG-DRAIN (WATER PUMP)	3F-1358	1	PUMP GP-AUXILIARY WATER	139
REGULATOR-TEMPERATURE	6I-4950	4	HOUSING & REGULATOR GP	116
ELECTRICAL AND STARTING SYSTEM				
BATTERY (12-VOLT)	9X-9730	4	BATTERY & WIRING GP	246
		4	BATTERY & WIRING GP	260
		4	BATTERY & WIRING GP	267
BRUSH AS (STARTING MOTOR)	3T-9524	6	STARTING MOTOR GP-ELECTRIC	365
		6	STARTING MOTOR GP-PRELUB SYS	368
CIRCUIT BREAKER AS (10-AMPERE) (ELECTRONIC CLUTCH/BRAKE)	6T-3642	1	WIRING GP-CONSOLE	382
CIRCUIT BREAKER AS (10-AMPERE) (START KEY)	6T-3642	1	WIRING GP-CONSOLE	382
CIRCUIT BREAKER AS (15-AMPERE) (BLOWER)	6T-3643	1	WIRING GP-CONSOLE	382
CIRCUIT BREAKER AS (15-AMPERE) (ENGINE)	6T-3643	1	WIRING GP-CONSOLE	382
CIRCUIT BREAKER AS (15-AMPERE) (FRONT FLOODS)	3T-2662	1	WIRING GP-CONSOLE	382
CIRCUIT BREAKER AS (15-AMPERE) (IMPLEMENT)	6T-3643	1	WIRING GP-CONSOLE	382
CYLINDER AS-ETHER	7X-1062	1	STARTING AID GP-ETHER	356
ELEMENT AS-JACKET WATER HEATER (120 VOLT,1500 WATT)	9G-6655	2	HEATER GP-JACKET WATER	300
		2	HEATER GP-JACKET WATER	302
ELEMENT AS-JACKET WATER HEATER (240 VOLT, 1500 WATT)	6T-3764	2	HEATER GP-JACKET WATER	301
		2	HEATER GP-JACKET WATER	303
FILTER & GASKET AS (ETHER STARTING AID)	9X-7138	1	STARTING AID GP-ETHER	354

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
FILTER-FOAM (FUEL SENSOR)	111 -4402	1	BATTERY & WIRING GP	246
		1	BATTERY & WIRING GP	257
		1	BATTERY & WIRING GP	264
FUSE (10-AMPERE)	9W -1442	10	WIRING GP-CONSOLE	383
FUSE (15-AMPERE)	9W -1441	3	WIRING GP-CONSOLE	383
FUSE (20-AMPERE)	9W -1446	3	WIRING GP-CONSOLE	383
FUSE (30 AMP) (POWER CONVERTER)	8T -9636	2	CONVERTER GP-ELECTRICAL	295
HOLDER AS-BRUSH (STARTING MOTOR)	6T -0363	6	STARTING MOTOR GP-ELECTRIC	366
		6	STARTING MOTOR GP-PRELUB SYS	369
KEY (BATTERY DISCONNECT)	8H -5306	1	SWITCH GP-DISCONNECT	372
LAMP AS-FLOOD (HID) (24 VOLT)(70 WATT)(CLEAR)	213 -4998	1	LAMP GP-FLOOD	310
		1	LAMP GP-FLOOD	311
LAMP AS (12-VOLT) (SECURITY INSTALLATION)	165 -5655	1	INSTALLATION GP-SECURITY	305
LAMP-HALOGEN (24-VOLT, 65-WATT) (FLOODLIGHT)	9X -3463	1	LAMP GP-FLOOD	307
		1	LAMP GP-FLOOD	308
		1	LAMP GP-FLOOD	309
LAMP (24-VOLT) (CLEAR)(DOME)	7N -9943	1	LAMP GP-DOME	306
LAMP (24-VOLT) (IMPLEMENT LOCKOUT)	3E -8825	1	WIRING GP-PLATFORM	397
LAMP (24-VOLT) (INSTRUMENT PANEL)	7N -5876	4	WIRING GP-PLATFORM	397
LAMP (24 VOLT) (KEYPAD)	123 -9294	1	CONTROL GP-ELECTRONIC	281
		1	CONTROL GP-ELECTRONIC	283
		1	CONTROL GP-ELECTRONIC	285
LAMP (24-VOLT) (REAR FAULT)	7N -1996	1	WIRING GP-PLATFORM	397
LAMP (24-VOLT) (THROTTLE CONTROL)	3E -8825	2	WIRING GP-PLATFORM	399
SCREEN (ETHER STARTING AID)	160 -8761	1	STARTING AID GP-ETHER	354
SPRING (STARTING MOTOR)	3T -9494	6	STARTING MOTOR GP-ELECTRIC	365
		6	STARTING MOTOR GP-PRELUB SYS	369
VALVE-BREATHER	3K -6905	1	WIRING GP-ENGINE	386
FRAME AND BODY				
PADLOCK GP (FENDER)	5P -8502	2	FENDER GP	511
		2	FENDER GP	515
PADLOCK GP (FENDER ENCLOSURE)	5P -8502	1	ENCLOSURE GP-FENDER	504
		1	ENCLOSURE GP-FENDER	506
		1	ENCLOSURE GP-FENDER	508
PADLOCK GP (HOOD)	5P -8502	2	HOOD & GUARD GP	534
		1	HOOD & GUARD GP	537
PLUG (DRAIN) (CASE)(TRANSMISSION)	106 -8187	1	CASE & FRAME GP	493

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
FUEL SYSTEM				
CAP AS-FILLER (FUEL, LOCKING, VENTED)	7X-7700	1	TANK GP-FUEL	239
CAP AS-FUEL TANK FILLER (LOCKING)	101-8909	1	ADAPTER GP-FAST FILL FUEL	199
		1	ADAPTER GP-FAST FILL FUEL	201
		1	ADAPTER GP-FAST FILL FUEL	203
CAP AS-FUEL TANK (VENTED LOCKING)	7X-7700	1	TANK GP-FUEL	237
FILTER AS-FUEL	1R-0755	2	FILTER GP-FUEL	215
FILTER ELEMENT AS-FUEL	9M-2342	1	FILTER GP-FUEL	215
GASKET (FUEL PRIMING PUMP)	9Y-8389	1	PUMP GP-FUEL PRIMING	229
PADLOCK GP (FUEL LINES)	5P-8502	1	LINES GP-FUEL	219
PADLOCK GP (FUEL TANK)	5P-8502	1	TANK GP-FUEL	236
		1	TANK GP-FUEL	238
SCREEN-FUEL TANK	6T-7774	1	LINES GP-FUEL	219
SEAL-RING (FUEL FILTER)	8H-2778	1	FILTER GP-FUEL	215
STRAINER-FUEL (TANK)	9P-7121	1	TANK GP-FUEL	238
		1	TANK GP-FUEL	239
HYDRAULIC SYSTEM				
CAP-FILLER (HYDRAULIC TANK)	4J-3754	1	TANK & FILTER GP-HYDRAULIC	848
COVER-HYDRAULIC CAP (HYDRAULIC TANK FILL)	5D-1902	1	TANK & FILTER GP-HYDRAULIC	848
FILTER ELEMENT AS-OIL (FAN RETURN)	132-8875	1	FILTER GP-OIL	725
FILTER ELEMENT AS-OIL (HYDRAULIC)	167-2009	2	TANK & FILTER GP-HYDRAULIC	848
FILTER ELEMENT-HYDRAULIC (BRAKE ACTUATION OIL)	134-0964	1	FILTER GP-OIL	726
PADLOCK GP (HYDRAULIC FAN LINES)	5P-8502	1	LINES GP-HYDRAULIC FAN	727
		1	LINES GP-HYDRAULIC FAN	733
		1	LINES GP-HYDRAULIC FAN	743
PADLOCK GP (HYDRAULIC TANK)	5P-8502	1	LINES GP-HYDRAULIC FAN	739
PLUG (DRAIN) (HYDRAULIC TANK)	106-8187	1	TANK & FILTER GP-HYDRAULIC	848
SCREEN AS (HYDRAULIC TANK)	9T-4946	1	TANK & FILTER GP-HYDRAULIC	848
SCREEN (HYDRAULIC TANK)	9T-6680	1	TANK & FILTER GP-HYDRAULIC	848
STRAINER AS (HYDRAULIC TANK FILL)	3D-6678	1	TANK & FILTER GP-HYDRAULIC	848
LUBRICATION SYSTEM				
BREATHER AS (ENGINE)	4W-3027	1	BREATHER GP	78
CAP AS (ENGINE OIL)	9S-9272	1	FILTER GP-ENGINE OIL	80
		1	FILTER GP-ENGINE OIL	82
CAP AS-OIL FILLER (ENGINE)	6N-2206	1	FILLER GP-ENGINE OIL	79
CAP-FILLER (CRANKCASE)	110-8826	1	OIL CHANGE GP-HIGH SPEED	96
FILTER AS-ENGINE OIL	2P-4005	2	FILTER GP-ENGINE OIL	80
		2	FILTER GP-ENGINE OIL	82
PADLOCK GP (ENGINE OIL FILL TUBE)	5P-8502	1	FILLER GP-ENGINE OIL	79
SCREEN-SCAVENGE (ENGINE OIL)	4P-4917	1	PUMP GP-SCAVENGE	105
	4P-5500	1	PUMP GP-SCAVENGE	105

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
OPERATOR STATION				
ACCUMULATOR-REFRIGERANT	170-0235	1	LINES GP-AIR CONDITIONER	1057
BLADE AS-WIPER (FRONT WINDOW)	6V-5851	1	WIPER GP-WINDOW	1162
		1	WIPER GP-WINDOW	1166
BLADE AS-WIPER (REAR WINDOW)	5C-8811	1	WIPER GP-WINDOW	1162
		1	WIPER GP-WINDOW	1166
BLADE AS-WIPER (RH & LH DOOR)	6V-5849	4	WIPER GP-WINDOW	1162
		4	WIPER GP-WINDOW	1166
CAP AS (AIR CONDITIONER) (HIGH SIDE)	3E-4052	1	LINES GP-AIR CONDITIONER	1057
		1	LINES GP-AIR CONDITIONER	1061
CAP AS (AIR CONDITIONER) (LOW SIDE)	3E-4051	1	LINES GP-AIR CONDITIONER	1061
		1	LINES GP-AIR CONDITIONER	1057
CAP-VENTED (WINDOW WASHER TANK)	8E-8292	1	TANK GP-WINDOW WASHER	1136
		1	TANK GP-WINDOW WASHER	1138
FILTER-AIR (CAB) (HIGH EFFICIENCY)	175-2839	1	HEATER GP-CAB	1039
	175-2841	1	HEATER GP-CAB	1039
FILTER-AIR (CAB) (ODOR REDUCTION)	175-2832	1	HEATER GP-CAB	1039
FILTER-AIR (CAB) (STANDARD)	7T-1890	1	AIR CONDITIONER GP	1003
		1	HEATER GP-CAB	1039
FILTER-CAB AIR (STANDARD)	107-0266	1	AIR CONDITIONER GP	1003
		1	HEATER GP-CAB	1039
LAMP (24-VOLT) (ACTION INDICATOR)	7N-1996	1	INSTRUMENT GP	1049
		1	INSTRUMENT GP	1051
SEAT BELT GP (RETRACTABLE)	222-0345	1	SEAT GP	1110
		1	SEAT GP	1111
V-BELT (REFRIGERANT COMPRESSOR)	1P-9744	1	COMPRESSOR GP-REFRIGERANT	1016
POWER TRAIN				
BREATHER (POWER TRAIN)	9G-9981	1	LINES GP-POWER TRAIN OIL	433
		1	LINES GP-POWER TRAIN OIL	437
CAP AS-OIL FILLER (POWER TRAIN)	6N-2985	1	LINES GP-POWER TRAIN OIL	433
		1	LINES GP-POWER TRAIN OIL	437
FILTER ELEMENT AS-OIL (HYDRAULIC) (TRANSMISSION)	132-8876	2	FILTER GP-OIL	413
		2	LINES GP-POWER TRAIN OIL	437
PLUG-DRAIN (CASE & FRAME)	4B-7739	1	LINES GP-POWER TRAIN OIL	433
PLUG-DRAIN (FINAL DRIVE)	5F-0304	1	FINAL DRIVE GP	415
		1	FINAL DRIVE GP	418
PLUG-DRAIN (POWER TRAIN)	4B-7739	1	LINES GP-POWER TRAIN OIL	437
PLUG-MAGNETIC (FINAL DRIVE)	6V-3298	1	FINAL DRIVE GP	415
		1	FINAL DRIVE GP	418
PLUG (TRANSMISSION FILTER)	9S-4183	1	FILTER GP-OIL	413
SCREEN AS (POWER TRAIN)	9P-0214	1	LINES GP-POWER TRAIN OIL	433
		1	LINES GP-POWER TRAIN OIL	437
	130-6747	1	LINES GP-POWER TRAIN OIL	437
SCREEN AS (POWER TRAIN OIL LINES)	130-6747	1	LINES GP-POWER TRAIN OIL	432
SCREEN-SUCTION (TORQUE CONVERTER)	8S-9130	1	TORQUE CONVERTER GP	467

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
UNDERCARRIAGE				
BREATHER (LUBRICATION TANK)	198 - 7711	1	LUBRICATION GP-EQUALIZER BAR	586
CAP AS-OIL FILLER (LUBRICATION TANK)	5L - 2952	1	LUBRICATION GP-EQUALIZER BAR	586
CAP AS-OIL LEVEL (PILOT SHAFT LUBRICATION BOTTLE)	9W - 8277	1	LUBRICATION GP-PIVOT SHAFT	588
PLUG-DRAIN (TELESCOPING RECOIL FRAME)	4T - 2069	6	FRAME GP-TELESCOPING RECOIL	553
		6	FRAME GP-TELESCOPING RECOIL	556
		6	FRAME GP-TELESCOPING RECOIL	559
		6	FRAME GP-TELESCOPING RECOIL	563
		3	FRAME GP-TELESCOPING RECOIL	566
		3	FRAME GP-TELESCOPING RECOIL	569
		3	FRAME GP-TELESCOPING RECOIL	572
		3	FRAME GP-TELESCOPING RECOIL	575

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
CHÂSSIS ET BENNE				
BOUCHON FILETÉ (VIDANGE) (CASE)(TRANSMISSION)	106-8187	1	CHÂSSIS ET CARTER (ASS)	493
CADENAS (ASS) (CAPOT)	5P-8502	2	CAPOT ET PROTECTION (ASS)	534
		1	CAPOT ET PROTECTION (ASS)	537
CADENAS (ASS) (CARÉNAGE DE GARDE-BOUE)	5P-8502	1	CARENAGE - GARDE-BOUE (ASS)	504
		1	CARENAGE - GARDE-BOUE (ASS)	506
		1	CARENAGE - GARDE-BOUE (ASS)	508
CADENAS (ASS) (GARDE-BOUE)	5P-8502	2	GARDE-BOUE (ASS)	511
		2	GARDE-BOUE (ASS)	515
CIRCUIT D'ADMISSION D'AIR ET D'ÉCHAPPEMENT				
ÉLÉMENT DE FILTRE (FILTRE À AIR)	7M-1674	1	FILTRE A AIR (ASS)	167
ÉLÉMENT DE FILTRE (SUPPORT D'ADMISSION D'AIR)	7M-1674	1	SUPPORTS D'ADMISSION D'AIR (ASS)	190
		1	SUPPORTS D'ADMISSION D'AIR (ASS)	191
ÉLÉMENT PRINCIPAL (ENS) (FILTRE A AIR)	123-6855	1	FILTRE A AIR (ASS)	166
ÉLÉMENT PRINCIPAL (ENS) (FILTRE À AIR) (TRÈS GRANDE EFFICACITÉ)	132-7168	1	FILTRE A AIR (ASS)	169
ÉLÉMENT SECONDAIRE (ENS) (FILTRE A AIR)	106-3973	1	FILTRE A AIR (ASS)	169
	123-6856	1	FILTRE A AIR (ASS)	166

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
CIRCUIT DE CARBURANT				
BOUCHON DE GOULOTTE DE REMPLISSAGE (ENS) (CARBURANT, VERROUILLAGE, AÉRÉ)	7X-7700	1	RÉSERVOIR DE CARBURANT (ASS)	239
BOUCHON DE REMPLISSAGE DU RÉSERVOIR DE CARBURANT (VERROUILLAGE)	101-8909	1	ADAPTATEUR DE REMPLIS. RAPIDE DE CARBURANT (ASS)	199
		1	ADAPTATEUR DE REMPLIS. RAPIDE DE CARBURANT (ASS)	201
		1	ADAPTATEUR DE REMPLIS. RAPIDE DE CARBURANT (ASS)	203
BOUCHON DE RÉSERVOIR DE CARBURANT (ENS) (VERROUILLAGE AÉRÉ)	7X-7700	1	RÉSERVOIR DE CARBURANT (ASS)	237
CADENAS (ASS) (CANALISATIONS DE CARBURANT)	5P-8502	1	CANALISATIONS DE CARBURANT (ASS)	219
CADENAS (ASS) (RÉSERVOIR DE CARBURANT)	5P-8502	1	RÉSERVOIR DE CARBURANT (ASS)	236
ÉLÉMENT DE FILTRE (ENS)-CARBURANT	9M-2342	1	RÉSERVOIR DE CARBURANT (ASS)	238
		1	FILTRE A CARBURANT (ASS)	215
FILTRE A CARBURANT (ENS)	1R-0755	2	FILTRE A CARBURANT (ASS)	215
FILTRE À CARBURANT (RÉSERVOIR)	9P-7121	1	RÉSERVOIR DE CARBURANT (ASS)	238
		1	RÉSERVOIR DE CARBURANT (ASS)	239
JOINT PLAT (POMPE D'AMORÇAGE DE CARBURANT)	9Y-8389	1	POMPE D'AMORÇAGE DE CARBURANT (ASS)	229
SEGMENT D'ÉTANCHÉITÉ (FILTRE À CARBURANT)	8H-2778	1	FILTRE A CARBURANT (ASS)	215
TAMIS - RÉSERVOIR DE CARBURANT	6T-7774	1	CANALISATIONS DE CARBURANT (ASS)	219
CIRCUIT DE DÉMARRAGE ET ÉLECTRIQUE				
AMPOULE (24 VOLTS) (ANOMALIE ARRIÈRE)	7N-1996	1	CABLAGE - PLATE-FORME (ASS)	397
AMPOULE (24 VOLTS) (COMMANDE D'ACCÉLÉRATION)	3E-8825	2	CABLAGE - PLATE-FORME (ASS)	399
AMPOULE (24 VOLTS) (TABLEAU DE BORD)	7N-5876	4	CABLAGE - PLATE-FORME (ASS)	397
AMPOULE (24 VOLTS) (TOUCHE)	123-9294	1	COMMANDE ELECTRONIQUE DE BOITE (ASS)	281
		1	COMMANDE ELECTRONIQUE DE BOITE (ASS)	283
		1	COMMANDE ELECTRONIQUE DE BOITE (ASS)	285
AMPOULE (24 VOLTS) (TRANSPARENTE)(PLAFONNIER)	7N-9943	1	PLAFONNIER (ASS)	306
AMPOULE (24 VOLTS) (VERROUILLAGE D'ÉQUIPEMENT)	3E-8825	1	CABLAGE - PLATE-FORME (ASS)	397
BATTERIE (12 VOLTS)	9X-9730	4	BATTERIE ET CÂBLAGE	246
		4	BATTERIE ET CÂBLAGE	260
		4	BATTERIE ET CÂBLAGE	267
BROSSE (ENS) (DÉMARREUR)	3T-9524	6	DÉMARREUR - CIRCUIT DE PRÉGRAISSAGE	368
		6	DÉMARREUR ÉLECTRIQUE (ASS)	365

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
CLÉ (COUPE-BATTERIE)	8H-5306	1	ROBINET DE BATTERIE (ASS)	372
CYLINDRE D'ETHER (ENS)	7X-1062	1	AUXILIAIRE DE DÉMARRAGE À L'ÉTHÉR	356
DISJONCTEUR (ENS) (10A) (CLÉ DE CONTACT)	6T-3642	1	CABLAGE DE CONSOLE (ASS)	382
DISJONCTEUR (ENS) (10A) (DISJONCTEUR D'EMBRAYAGE/FREIN ÉLECTRONIQUE)	6T-3642	1	CABLAGE DE CONSOLE (ASS)	382
DISJONCTEUR (ENS) (15A) (ÉQUIPEMENT)	6T-3643	1	CABLAGE DE CONSOLE (ASS)	382
DISJONCTEUR (ENS) (15A) (MOTEUR)	6T-3643	1	CABLAGE DE CONSOLE (ASS)	382
DISJONCTEUR (ENS) (15A) (PROJECTEURS AVANT)	3T-2662	1	CABLAGE DE CONSOLE (ASS)	382
DISJONCTEUR (ENS) (15A) (SOUFFLANT)	6T-3643	1	CABLAGE DE CONSOLE (ASS)	382
ÉCRAN (DÉMARRAGE À L'ÉTHÉR)	160-8761	1	AUXILIAIRE DE DÉMARRAGE À L'ÉTHÉR	354
ÉLÉMENT DU RÉCHAUFFEUR D'EAU DES CHEMISES (ENS) (120 VOLTS,1500 WATTS)	9G-6655	2	EAU DES CHEMISES - RECHAUFFEUR (ASS)	300
		2	EAU DES CHEMISES - RECHAUFFEUR (ASS)	302
ÉLÉMENT DU RÉCHAUFFEUR D'EAU DES CHEMISES (ENS) (240 VOLTS, 1500 WATTS)	6T-3764	2	EAU DES CHEMISES - RECHAUFFEUR (ASS)	301
		2	EAU DES CHEMISES - RECHAUFFEUR (ASS)	303
FILTRE A MOUSSE (CAPTEUR DE CARBURANT)	111-4402	1	BATTERIE ET CÂBLAGE	246
		1	BATTERIE ET CÂBLAGE	257
		1	BATTERIE ET CÂBLAGE	264
FILTRE ET JOINT (ENS) (DÉMARRAGE À L'ÉTHÉR)	9X-7138	1	AUXILIAIRE DE DÉMARRAGE À L'ÉTHÉR	354
FUSIBLE (10A)	9W-1442	10	CABLAGE DE CONSOLE (ASS)	383
FUSIBLE (15A)	9W-1441	3	CABLAGE DE CONSOLE (ASS)	383
FUSIBLE (20A)	9W-1446	3	CABLAGE DE CONSOLE (ASS)	383
FUSIBLE (30A) (DÉVOLTEUR POUR COURANT)	8T-9636	2	TRANSFORMATION ELECTRIQUE (ASS)	295
LAMPE - PHARE (ENS) (HID) (24 VOLTS)(70 WATTS)(EFFACER)	213-4998	1	LAMPE - PHARE (ASS)	310
		1	LAMPE - PHARE (ASS)	311
LAMPE (ENS) (12 VOLTS) (MONTAGE DE SYSTÈME DE SÉCURITÉ)	165-5655	1	MONTAGE-SÉCURITÉ (ASS)	305
LAMPE HALOGÈNE (24V, 65W) (PROJECTEUR)	9X-3463	1	LAMPE - PHARE (ASS)	307
		1	LAMPE - PHARE (ASS)	308
		1	LAMPE - PHARE (ASS)	309
PORTE-BALAIS (ENS) (DÉMARREUR)	6T-0363	6	DÉMARREUR - CIRCUIT DE PRÉGRAISSAGE	369
		6	DÉMARREUR ÉLECTRIQUE (ASS)	366
RESSORT (DÉMARREUR)	3T-9494	6	DÉMARREUR - CIRCUIT DE PRÉGRAISSAGE	369
		6	DÉMARREUR ÉLECTRIQUE (ASS)	365
SOUPAPE - RENIFLARD	3K-6905	1	CABLAGE DE MOTEUR (ASS)	386

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
CIRCUIT DE GRAISSAGE				
BOUCHON DE GOULOTTE DE REMPLISSAGE (CARTER)	110-8826	1	DISPOSITIF DE VIDANGE RAPIDE D'HUILE (ASS)	96
BOUCHON DE GOULOTTE DE REMPLISSAGE D'HUILE MOTEUR (MOTEUR)	6N-2206	1	BOUCHON DE REMPLISSAGE D'HUILE MOTEUR (ASS)	79
CADENAS (ASS) (GOULOTTTE DE REMPLISSAGE D'HUILE MOTEUR)	5P-8502	1	BOUCHON DE REMPLISSAGE D'HUILE MOTEUR (ASS)	79
CHAPEAU (ENS) (HUILE MOTEUR)	9S-9272	1	FILTRE À HUILE MOTEUR (ASS)	80
		1	FILTRE À HUILE MOTEUR (ASS)	82
ÉCRAN - REPRISE (HUILE MOTEUR)	4P-4917	1	POMPE DE REPRISE (ASS)	105
	4P-5500	1	POMPE DE REPRISE (ASS)	105
FILTRE A HUILE MOTEUR (ENS)	2P-4005	2	FILTRE À HUILE MOTEUR (ASS)	80
		2	FILTRE À HUILE MOTEUR (ASS)	82
RENIFLARD (ENS) (MOTEUR)	4W-3027	1	RENIFLARD (ASS)	78
CIRCUIT DE REFROIDISSEMENT				
BOUCHON DE VIDANGE (POMPE À EAU)	3F-1358	1	POMPE AUXILIAIRE D'EAU DOUCE (ASS)	139
BOUCHON DE VIDANGE (REFROIDISSEUR DE BOÎTE DE VITESSES)	7N-1447	1	CANALISATIONS D'EAU (ASS)	132
FILTRE -EAU (POMPE À EAU)	4N-5834	2	POMPE A EAU (ASS)	144
		2	POMPE A EAU (ASS)	148
THERMOSTAT	6I-4950	4	THERMOSTAT ET BOITIER (ASS)	116

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
CIRCUIT HYDRAULIQUE				
BOUCHON DE GOULOTTE DE REMPLISSAGE (RÉSERVOIR HYDRAULIQUE)	4J -3754	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	848
BOUCHON FILETÉ (VIDANGE) (RÉSERVOIR HYDRAULIQUE)	106 -8187	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	848
CADENAS (ASS) (CANALISATIONS DE VENTILATEUR HYDRAULIQUE)	5P -8502	1	CANALISATIONS HYDRAULIQUES DE VENTILATEUR (ASS)	727
		1	CANALISATIONS HYDRAULIQUES DE VENTILATEUR (ASS)	733
		1	CANALISATIONS HYDRAULIQUES DE VENTILATEUR (ASS)	743
CADENAS (ASS) (RÉSERVOIR HYDRAULIQUE)	5P -8502	1	CANALISATIONS HYDRAULIQUES DE VENTILATEUR (ASS)	739
COUVERCLE - BOUCHON DU RÉSERVOIR HYDRAULIQUE (REMPLISSAGE DE RÉSERVOIR HYDRAULIQUE)	5D -1902	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	848
CREPINE (ENS) (REMPLISSAGE DE RÉSERVOIR HYDRAULIQUE)	3D -6678	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	848
ÉCRAN (ENS) (RÉSERVOIR HYDRAULIQUE)	9T -4946	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	848
ÉCRAN (RÉSERVOIR HYDRAULIQUE)	9T -6680	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	848
ÉLÉMENT DE FILTRE À HUILE (ENS) (HYDRAULIQUE)	167 -2009	2	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	848
ÉLÉMENT DE FILTRE À HUILE (ENS) (RETOUR DE VENTILATEUR)	132 -8875	1	FILTRE A HUILE (ASS)	725
ÉLÉMENT DE FILTRE-HYDRAULIQUE (HUILE D'ACTIONNEMENT DE FREIN)	134 -0964	1	FILTRE A HUILE (ASS)	726
MOTEUR STANDARD				
BOUCHON DE VIDANGE (BLOC-CYLINDRE)	5F -0304	2	BLOC-CYLINDRES - COUVERCLE (ASS)	11
BOUCHON DE VIDANGE D'HUILE (CARTER D'HUILE MOTEUR)	6I -0723	1	HUILE MOTEUR - CARTER (ASS)	60
BOURRELET D'ÉTANCHÉITÉ (CACHE-SOUPAPES)	208 -2364	1	CACHE-SOUPAPES (ASS)	15
COURROIE TRAPEZOIDALE (ALTERNATEUR)	100 -3725	1	MONTAGE D'ALTERNATEUR (ASS)	58
ÉCRAN (ENS) (CARTER D'HUILE MOTEUR)	7N -5395	1	HUILE MOTEUR - CARTER (ASS)	60

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
POSTE DE CONDUITE				
ACCUMULATEUR - RÉFRIGÉRANT	170-0235	1	CANALISATIONS DE CLIMATISEUR (ASS)	1057
AMPOULE (24 VOLTS) (TÉMOIN D'ACTION)	7N-1996	1	TABLEAU DE BORD (ASS)	1049
BALAI D'ESSUIE-GLACE (ENS) (PORTE DROITE ET GAUCHE)	6V-5849	1	TABLEAU DE BORD (ASS)	1051
		4	ESSUIE-GLACE (ASS)	1162
BALAI D'ESSUIE-GLACE (ENS) (VITRE ARRIÈRE)	5C-8811	4	ESSUIE-GLACE (ASS)	1166
		1	ESSUIE-GLACE (ASS)	1162
BALAI D'ESSUIE-GLACE (ENS) (VITRE AVANT)	6V-5851	1	ESSUIE-GLACE (ASS)	1166
		1	ESSUIE-GLACE (ASS)	1162
BOUCHON À ÉVENT (RÉSERVOIR DE LAVE-GLACE DE VITRE)	8E-8292	1	ESSUIE-GLACE (ASS)	1166
		1	RÉSERVOIR - LAVE-GLACE (ASS)	1136
CEINTURE DE SECURITE (ASS) (RÉTRACTABLE)	222-0345	1	RÉSERVOIR - LAVE-GLACE (ASS)	1138
		1	SIÈGE (ASS)	1110
CHAPEAU (ENS) (CLIMATISEUR) (CÔTÉ INFÉRIEUR)	3E-4051	1	SIÈGE (ASS)	1111
		1	CANALISATIONS DE CLIMATISEUR (ASS)	1057
CHAPEAU (ENS) (CLIMATISEUR) (CÔTÉ SUPÉRIEUR)	3E-4052	1	CANALISATIONS DE CLIMATISEUR (ASS)	1061
		1	CANALISATIONS DE CLIMATISEUR (ASS)	1057
COURROIE TRAPEZOIDALE (COMPRESSEUR DE RÉFRIGÉRANT)	1P-9744	1	CANALISATIONS DE CLIMATISEUR (ASS)	1061
		1	COMPRESSEUR DE REFRIGERANT (ASS)	1016
FILTRE À AIR (CABINE) (GRANDE EFFICACITÉ)	175-2839	1	CHAUFFAGE DE CABINE (ASS)	1039
		1	CHAUFFAGE DE CABINE (ASS)	1039
FILTRE À AIR (CABINE) (RÉDUCTION DES ODEURS)	175-2832	1	CHAUFFAGE DE CABINE (ASS)	1039
		1	CHAUFFAGE DE CABINE (ASS)	1039
FILTRE À AIR (CABINE) (STANDARD)	7T-1890	1	CHAUFFAGE DE CABINE (ASS)	1039
		1	CLIMATISEUR (ASS)	1003
FILTRE À AIR DE CABINE (STANDARD)	107-0266	1	CHAUFFAGE DE CABINE (ASS)	1039
		1	CLIMATISEUR (ASS)	1003

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
TRAIN DE ROULEMENT				
BOUCHON DE CONTROLE DE NIVEAU D'HUILE (ENS) (FLACON D'HUILE DE GRAISSAGE D'ARBRE PILOTE)	9W - 8277	1	GRAISSAGE DE LA TRAVERSE-PIVOT	588
BOUCHON DE GOULOTTE DE REMPLISSAGE D'HUILE MOTEUR (RÉSERVOIR DE GRAISSAGE)	5L - 2952	1	GRAISSAGE DE BALANCIER DE SUSPENSION (ASS)	586
BOUCHON DE VIDANGE (CHÂSSIS AMORTISSEUR TÉLESCOPIQUE)	4T - 2069	6	CARTER TÉLESCOPIQUE DE MECANISME AMORTISSEUR	553
		6	CARTER TÉLESCOPIQUE DE MECANISME AMORTISSEUR	556
		6	CARTER TÉLESCOPIQUE DE MECANISME AMORTISSEUR	559
		6	CARTER TÉLESCOPIQUE DE MECANISME AMORTISSEUR	563
		3	CARTER TÉLESCOPIQUE DE MECANISME AMORTISSEUR	566
		3	CARTER TÉLESCOPIQUE DE MECANISME AMORTISSEUR	569
		3	CARTER TÉLESCOPIQUE DE MECANISME AMORTISSEUR	572
		3	CARTER TÉLESCOPIQUE DE MECANISME AMORTISSEUR	575
		1	GRAISSAGE DE BALANCIER DE SUSPENSION (ASS)	586
RENIFLARD (RÉSERVOIR DE GRAISSAGE)	198 - 7711	1	GRAISSAGE DE BALANCIER DE SUSPENSION (ASS)	586

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
TRANSMISSION				
BOUCHON AIMANTÉ (RÉDUCTEUR)	6V-3298	1	RÉDUCTEURS (ASS)	415
		1	RÉDUCTEURS (ASS)	418
BOUCHON DE GOULOTTE DE REMPLISSAGE D'HUILE MOTEUR (TRANSMISSION)	6N-2985	1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	433
		1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	437
BOUCHON DE VIDANGE (CARTER ET BÂTI)	4B-7739	1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	433
BOUCHON DE VIDANGE (RÉDUCTEUR)	5F-0304	1	RÉDUCTEURS (ASS)	415
		1	RÉDUCTEURS (ASS)	418
BOUCHON DE VIDANGE (TRANSMISSION)	4B-7739	1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	437
BOUCHON FILETÉ (FILTRE HYDRAULIQUE)	9S-4183	1	FILTRE A HUILE (ASS)	413
ÉCRAN (ENS) (CANALISATIONS D'HUILE DE TRANSMISSION)	130-6747	1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	432
ÉCRAN (ENS) (TRANSMISSION)	9P-0214	1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	433
		1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	437
		1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	437
		1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	437
ÉLÉMENT DE FILTRE À HUILE (ENS) (HYDRAULIQUE) (BOÎTE DE VITESSES)	132-8876	2	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	437
		2	FILTRE A HUILE (ASS)	413
RENIFLARD (TRANSMISSION)	9G-9981	1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	433
		1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	437
		1	CONVERTISSEUR DE COUPLE (ASS)	467
TAMIS D'ASPIRATION (CONVERTISSEUR DE COUPLE)	8S-9130	1	CONVERTISSEUR DE COUPLE (ASS)	467

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
BASTIDOR Y CAJA				
CANDADO (GR) (CAPÓ)	5P-8502	2	CAPO Y PROTECTOR (GR)	534
		1	CAPO Y PROTECTOR (GR)	537
CANDADO (GR) (COMPARTIMENTO DE GUARDABARROS)	5P-8502	1	CONTENIDO DEL GRUPO DE GUARDABARROS	504
		1	CONTENIDO DEL GRUPO DE GUARDABARROS	506
		1	CONTENIDO DEL GRUPO DE GUARDABARROS	508
CANDADO (GR) (*FENDER)	5P-8502	2	GUARDABARROS (GR)	511
		2	GUARDABARROS (GR)	515
TAPÓN (DRENAJE) (CAJA DE TRANSMISION)	106-8187	1	CAJA Y BASTIDOR (GR)	493
* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION				

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
CABINA DEL OPERADOR				
ACUMULADOR DE REFRIGERANTE	170-0235	1	TUBERÍAS DE ACONDICIONADOR DE AIRE (GR)	1057
CINTURÓN DE SEGURIDAD (GR) (RETRACTIL)	222-0345	1	ASIENTO (GR)	1110
		1	ASIENTO (GR)	1111
CORREA TRAPEZOIDAL (COMPRESOR DEL REFRIGERANTE)	1P-9744	1	COMPRESOR DE REFRIGERANTE (GR)	1016
FILTRO DE AIRE (CABINA) (ALTA EFICIENCIA)	175-2839	1	CALEFACCIÓN DE LA CABINA (GR)	1039
	175-2841	1	CALEFACCIÓN DE LA CABINA (GR)	1039
FILTRO DE AIRE (CABINA) (ESTANDAR)	7T-1890	1	ACONDICIONADOR DE AIRE (GR)	1003
		1	CALEFACCIÓN DE LA CABINA (GR)	1039
FILTRO DE AIRE (CABINA) (REDUCCION DE OLORES)	175-2832	1	CALEFACCIÓN DE LA CABINA (GR)	1039
FILTRO DE AIRE DE CABINA (ESTANDAR)	107-0266	1	ACONDICIONADOR DE AIRE (GR)	1003
		1	CALEFACCIÓN DE LA CABINA (GR)	1039
HOJA DE LIMPIAPARABRISAS (CONJ) (PUERTA DEL LADO DERECHO E IZQUIERDO)	6V-5849	4	LIMPIAPARABRISAS DE LA VENTANA (GR)	1162
		4	LIMPIAPARABRISAS DE LA VENTANA (GR)	1166
HOJA DE LIMPIAPARABRISAS (CONJ) (VENTANA DELANTERA)	6V-5851	1	LIMPIAPARABRISAS DE LA VENTANA (GR)	1162
		1	LIMPIAPARABRISAS DE LA VENTANA (GR)	1166
HOJA DE LIMPIAPARABRISAS (CONJ) (VENTANA POSTERIOR)	5C-8811	1	LIMPIAPARABRISAS DE LA VENTANA (GR)	1162
		1	LIMPIAPARABRISAS DE LA VENTANA (GR)	1166
LÁMPARA (24 VOLTIOS) (INDICADOR DE ACCION)	7N-1996	1	INSTRUMENTOS (GR)	1049
		1	INSTRUMENTOS (GR)	1051
TAPA CON RESPIRADERO (TANQUE DE LIMPIPARABRISA)	8E-8292	1	TANQUE DEL LAVAPARABRISAS (GR)	1136
		1	TANQUE DEL LAVAPARABRISAS (GR)	1138
TAPÓN (CONJ) (ACONDICIONADOR DE AIRE) (LADO ALTO)	3E-4052	1	TUBERÍAS DE ACONDICIONADOR DE AIRE (GR)	1057
		1	TUBERÍAS DE ACONDICIONADOR DE AIRE (GR)	1061
TAPÓN (CONJ) (ACONDICIONADOR DE AIRE) (LADO BAJO)	3E-4051	1	TUBERÍAS DE ACONDICIONADOR DE AIRE (GR)	1057
		1	TUBERÍAS DE ACONDICIONADOR DE AIRE (GR)	1061

* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
MOTOR BÁSICO				
CORREA TRAPEZOIDAL (ALTERNADOR)	100-3725	1	MONTAJE DEL ALTERNADOR (GR)	58
PANTALLA (CONJ) (COLECTOR DE ACEITE DEL MOTOR)	7N-5395	1	CÁRTER - COLECTOR DEL (GR)	60
SELLO (TAPA DE VÁLVULA)	208-2364	1	TAPA DEL MECANISMO DE VÁLVULAS (GR)	15
TAPÓN DE DRENAJE (BLOQUE DE MOTOR)	5F-0304	2	TAPA DEL BLOQUE MOTOR (GR)	11
TAPON DE DRENAJE DE ACEITE (COLECTOR DE ACEITE DEL MOTOR)	6I-0723	1	CÁRTER - COLECTOR DEL (GR)	60
SISTEMA DE ADMISIÓN Y ESCAPE DE AIRE				
ELEMENTO DE FILTRO (FILTRO DE AIRE)	7M-1674	1	FILTRO DE AIRE (GR)	167
ELEMENTO DE FILTRO (SOPORTE DE ADMISION DE AIRE)	7M-1674	1	SOPORTE DE LA ADMISIÓN DE AIRE (GR)	190
		1	SOPORTE DE LA ADMISIÓN DE AIRE (GR)	191
ELEMENTO PRIMARIO (CONJ) (FILTRO DE AIRE)	123-6855	1	FILTRO DE AIRE (GR)	166
ELEMENTO PRIMARIO (CONJ) (FILTRO DE AIRE) (EFICIENCIA ULTRA ALTA)	132-7168	1	FILTRO DE AIRE (GR)	169
ELEMENTO SECUNDARIO (CONJ) (FILTRO DE AIRE)	106-3973	1	FILTRO DE AIRE (GR)	169
	123-6856	1	FILTRO DE AIRE (GR)	166

* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA DE COMBUSTIBLE				
CANDADO (GR) (TANQUE DE COMBUSTIBLE)	5P-8502	1	COMBUSTIBLE - TANQUE DE (GR)	238
		1	COMBUSTIBLE - TANQUE DE (GR)	236
CANDADO (GR) (TUBERIAS DE COMBUSTIBLE)	5P-8502	1	TUBERÍAS DE COMBUSTIBLE (GR)	219
COLADOR DE COMBUSTIBLE (TANQUE)	9P-7121	1	COMBUSTIBLE - TANQUE DE (GR)	238
		1	COMBUSTIBLE - TANQUE DE (GR)	239
ELEMENTO DE FILTRO DE COMBUSTIBLE (CONJ)	9M-2342	1	FILTRO DE COMBUSTIBLE (GR)	215
EMPAQUETADURA (BOMBA DE CEBADO DE COMBUSTIBLE)	9Y-8389	1	BOMBA DE CEBADO DE COMBUSTIBLE (GR)	229
FILTRO DE COMBUSTIBLE (CONJ)	1R-0755	2	FILTRO DE COMBUSTIBLE (GR)	215
REJILLA DEL TANQUE DE COMBUSTIBLE	6T-7774	1	TUBERÍAS DE COMBUSTIBLE (GR)	219
SELLO ANULAR (FILTRO DE COMBUSTIBLE)	8H-2778	1	FILTRO DE COMBUSTIBLE (GR)	215
TAPA DE LLENADO (CONJ) (COMBUSTIBLE, TRABA, VENTILACIÓN)	7X-7700	1	COMBUSTIBLE - TANQUE DE (GR)	239
TAPA DEL TANQUE DE COMBUSTIBLE (CONJ) (RESPIRADERO CON TRABA)	7X-7700	1	COMBUSTIBLE - TANQUE DE (GR)	237
TAPA DEL TUBO DE LLENADO DEL TANQUE DE COMBUSTIBLE (CONJ) (TRABA)	101-8909	1	ADAPTADOR DE LLENADO RÁPIDO DE COMBUSTIBLE (GR)	199
		1	ADAPTADOR DE LLENADO RÁPIDO DE COMBUSTIBLE (GR)	201
		1	ADAPTADOR DE LLENADO RÁPIDO DE COMBUSTIBLE (GR)	203
SISTEMA DE ENFRIAMIENTO				
FILTRO DE AGUA (BOMBA DE AGUA)	4N-5834	2	BOMBA DE AGUA (GR)	144
		2	BOMBA DE AGUA (GR)	148
REGULADOR DE TEMPERATURA (TERMOSTATO)	6I-4950	4	REGULADOR Y CAJA (GR)	116
TAPÓN DE DRENAJE (BOMBA DE AGUA)	3F-1358	1	BOMBA AUXILIAR DE AGUA DULCE (GR)	139
TAPÓN DE DRENAJE (ENFRIADOR DE TRANSMISION)	7N-1447	1	TUBERÍAS DEL AGUA (GR)	132

* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA DE LUBRICACIÓN				
CANDADO (GR) (TUBERIA DE LLENADO DE ACEITE DE MOTOR)	5P-8502	1	TUBO DE LLENADO DE ACEITE (GR)	79
FILTRO DE ACEITE DEL MOTOR (CONJ)	2P-4005	2	FILTRO DE ACEITE DEL MOTOR (GR)	82
		2	FILTRO DE ACEITE DEL MOTOR (GR)	80
REJILLA PARA BARRIDO (ACEITE DEL MOTOR)	4P-4917	1	BOMBA DE BARRIDO (GR)	105
	4P-5500	1	BOMBA DE BARRIDO (GR)	105
RESPIRADERO (CONJ) (MOTOR)	4W-3027	1	RESPIRADERO (GR)	78
TAPA DEL TUBO DE LLENADO (CÁRTER DEL MOTOR)	110-8826	1	CAMBIO RÁPIDO DE ACEITE (GR)	96
TAPA DEL TUBO DE LLENADO DE ACEITE (CONJ) (MOTOR)	6N-2206	1	TUBO DE LLENADO DE ACEITE (GR)	79
TAPÓN (CONJ) (ACEITE DEL MOTOR)	9S-9272	1	FILTRO DE ACEITE DEL MOTOR (GR)	80
		1	FILTRO DE ACEITE DEL MOTOR (GR)	82
SISTEMA ELÉCTRICO Y DE ARRANQUE				
BATERÍA (12 VOLTIOS)	9X-9730	4	BATERÍA Y CABLES (GR)	246
		4	BATERÍA Y CABLES (GR)	260
		4	BATERÍA Y CABLES (GR)	267
CILINDRO DE ÉTER (CONJ)	7X-1062	1	AUXILIAR DE ARRANQUE CON ÉTER (GR)	356
CONFIGURACION DE LAMPARA DE REFLECTOR (DESCARGA DE ALTA INTENSIDAD) (24 VOLTIOS)(70 VATIOS)(TRANSPARENTE)	213-4998	1	REFLECTOR (GR)	310
		1	REFLECTOR (GR)	311
DISYUNTOR (CONJ) (10-AMPERIOS) (EMBRAGUE ELECTRONICO/FRENO)	6T-3642	1	CABLES DE LA CONSOLA (GR)	382
DISYUNTOR (CONJ) (10-AMPERIOS) (LLAVE DE ARRANQUE)	6T-3642	1	CABLES DE LA CONSOLA (GR)	382
DISYUNTOR (CONJ) (15 AMPERIOS) (FAROL DELANTEROS)	3T-2662	1	CABLES DE LA CONSOLA (GR)	382
DISYUNTOR (CONJ) (15 AMPERIOS) (IMPLEMENTO)	6T-3643	1	CABLES DE LA CONSOLA (GR)	382
DISYUNTOR (CONJ) (15 AMPERIOS) (MOTOR)	6T-3643	1	CABLES DE LA CONSOLA (GR)	382
DISYUNTOR (CONJ) (15 AMPERIOS) (VENTILADOR SOPLADOR)	6T-3643	1	CABLES DE LA CONSOLA (GR)	382
ELEMENTO DEL CALENTADOR DEL AGUA DE LAS CAMISAS (120 VOLTIOS, 1500 VATIOS)	9G-6655	2	AGUA DE LAS CAMISAS - CALENTADOR DEL (GR)	300
		2	AGUA DE LAS CAMISAS - CALENTADOR DEL (GR)	302
ELEMENTO DEL CALENTADOR DEL AGUA DE LAS CAMISAS (240 VOLTIOS, 1500 VATIOS)	6T-3764	2	AGUA DE LAS CAMISAS - CALENTADOR DEL (GR)	301
		2	AGUA DE LAS CAMISAS - CALENTADOR DEL (GR)	303
ESCOBILLA (CONJ) (MOTOR DE ARRANQUE)	3T-9524	6	MOTOR DE ARRANQUE ELÉCTRICO (GR)	365

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
		6	SISTEMA DE PRELUBRICACIÓN DEL MOTOR DE ARRANQUE (GR)	368
FILTRO ESPONJOSO (SENSOR DE COMBUSTIBLE)	111 - 4402	1	BATERÍA Y CABLES (GR)	246
		1	BATERÍA Y CABLES (GR)	257
		1	BATERÍA Y CABLES (GR)	264
FILTRO Y EMPAQUETADURA (CONJ) (AUXILIAR DE ARRANQUE CON ÉTER)	9X - 7138	1	AUXILIAR DE ARRANQUE CON ÉTER (GR)	354
FUSIBLE (10-AMPERIOS)	9W - 1442	10	CABLES DE LA CONSOLA (GR)	383
FUSIBLE (15 AMPERIOS)	9W - 1441	3	CABLES DE LA CONSOLA (GR)	383
FUSIBLE (20-AMPERIOS)	9W - 1446	3	CABLES DE LA CONSOLA (GR)	383
FUSIBLE (30 A) (TRANSFORMADOR DE CORRIENTE)	8T - 9636	2	CONVERTIDOR ELÉCTRICO (GR)	295
LÁMPARA (CONJ) (12 VOLTIOS) (INSTALACIÓN DE SEGURIDAD)	165 - 5655	1	INSTALACION DE SEGURIDAD (GR)	305
LÁMPARA (24 VOLTIOS) (CONTROL DEL ACELERADOR)	3E - 8825	2	CABLES DE LA PLATAFORMA (GR)	399
LÁMPARA (24 VOLTIOS) (FALLA TRASERA)	7N - 1996	1	CABLES DE LA PLATAFORMA (GR)	397
LÁMPARA (24 VOLTIOS) (IMPLEMENTO DE LA TRABA)	3E - 8825	1	CABLES DE LA PLATAFORMA (GR)	397
LÁMPARA (24 VOLTIOS) (TABLERO DE INSTRUMENTOS)	7N - 5876	4	CABLES DE LA PLATAFORMA (GR)	397
LÁMPARA (24 VOLTIOS) (TECLADO)	123 - 9294	1	CONTROL ELECTRÓNICO (GR)	281
		1	CONTROL ELECTRÓNICO (GR)	283
		1	CONTROL ELECTRÓNICO (GR)	285
LÁMPARA (24 VOLTIOS) (TRANSPARENTE)(TECHO)	7N - 9943	1	LÁMPARA DEL TECHO (GR)	306
LLAVE (DESCONECTAR BATERIA)	8H - 5306	1	DISYUNTOR (GR)	372
LUCES DE ALÓGENO (24 VOLTIOS, 65 VATIOS) (REFLECTOR)	9X - 3463	1	REFLECTOR (GR)	307
		1	REFLECTOR (GR)	308
		1	REFLECTOR (GR)	309
PORTAESCOBILLAS (CONJ) (MOTOR DE ARRANQUE)	6T - 0363	6	MOTOR DE ARRANQUE ELÉCTRICO (GR)	366
		6	SISTEMA DE PRELUBRICACIÓN DEL MOTOR DE ARRANQUE (GR)	369
REJILLA (AUXILIAR DE ARRANQUE CON ÉTER)	160 - 8761	1	AUXILIAR DE ARRANQUE CON ÉTER (GR)	354
RESORTE (MOTOR DE ARRANQUE)	3T - 9494	6	MOTOR DE ARRANQUE ELÉCTRICO (GR)	365
		6	SISTEMA DE PRELUBRICACIÓN DEL MOTOR DE ARRANQUE (GR)	369
VÁLVULA-RESPIRADERO	3K - 6905	1	CABLES DEL MOTOR (GR)	386

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA HIDRÁULICO				
CANDADO (GR) (TANQUE HIDRÁULICO)	5P-8502	1	TUBERÍAS HIDRÁULICAS DEL VENTILADOR (GR)	739
CANDADO (GR) (TUBERIAS HIDAULICAS DEL VENTILADOR)	5P-8502	1	TUBERÍAS HIDRÁULICAS DEL VENTILADOR (GR)	727
		1	TUBERÍAS HIDRÁULICAS DEL VENTILADOR (GR)	733
		1	TUBERÍAS HIDRÁULICAS DEL VENTILADOR (GR)	743
COLADOR (CONJ) (LLENADO DEL TANQUE HIDRÁULICO)	3D-6678	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	848
ELEMENTO DE FILTRO DE ACEITE (CONJ) (HIDRAULICO)	167-2009	2	TANQUE Y FILTRO HIDRÁULICOS (GR)	848
ELEMENTO DE FILTRO DE ACEITE (CONJ) (VENTILADOR DE RETORNO)	132-8875	1	FILTRO DE ACEITE (GR)	725
ELEMENTO DE FILTRO HIDRÁULICO (ACEITE DE ACTIVACIÓN DE FRENO)	134-0964	1	FILTRO DE ACEITE (GR)	726
PANTALLA (CONJ) (TANQUE HIDRÁULICO)	9T-4946	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	848
REJILLA (TANQUE HIDRÁULICO)	9T-6680	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	848
TAPA DEL TUBO DE LLENADO (TANQUE HIDRÁULICO)	4J-3754	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	848
TAPA PROTECTORA DEL TANQUE HIDRÁULICO (LLENADO DEL TANQUE HIDRÁULICO)	5D-1902	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	848
TAPÓN (DRENAJE) (TANQUE HIDRÁULICO)	106-8187	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	848

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
TREN DE FUERZA				
ELEMENTO DE FILTRO DE ACEITE (CONJ) (HIDRAULICO) (TRANSMISION)	132-8876	2	FILTRO DE ACEITE (GR)	413
		2	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	437
PANTALLA (CONJ) (TREN DE FUERZA)	9P-0214	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	433
		1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	437
	130-6747	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	437
PANTALLA (CONJ) (TUBERIAS DE ACEITE DEL TREN DE FUERZA)	130-6747	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	432
REJILLA DE SUCCIÓN (CONVERTIDOR DE PAR)	8S-9130	1	CONVERTIDOR DE PAR (GR)	467
RESPIRADERO (TREN DE FUERZA)	9G-9981	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	433
		1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	437
TAPA DEL TUBO DE LLENADO DE ACEITE (CONJ) (TREN DE FUERZA)	6N-2985	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	433
		1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	437
TAPÓN DE DRENAJE (CAJA Y BASTIDOR)	4B-7739	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	433
TAPÓN DE DRENAJE (MANDO FINAL)	5F-0304	1	MANDO FINAL (GR)	415
		1	MANDO FINAL (GR)	418
TAPÓN DE DRENAJE (TREN DE FUERZA)	4B-7739	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	437
TAPÓN (FILTRO DE LA TRANSMISION)	9S-4183	1	FILTRO DE ACEITE (GR)	413
TAPÓN MAGNÉTICO (MANDO FINAL)	6V-3298	1	MANDO FINAL (GR)	415
		1	MANDO FINAL (GR)	418

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
TREN DE RODAJE				
RESPIRADERO (TANQUE DE LUBRICACION)	198-7711	1	GRUPO DE LUBRICACIÓN DE BARRA ESTABILIZADORA	586
TAPA DE NIVEL DE ACEITE (CONJ) (BOTELLA DE LUBRICACIÓN DEL EJE PILOTO)	9W-8277	1	LUBRICACIÓN DE EJE PIVOTE (GR)	588
TAPA DEL TUBO DE LLENADO DE ACEITE (CONJ) (TANQUE DE LUBRICACION)	5L-2952	1	GRUPO DE LUBRICACIÓN DE BARRA ESTABILIZADORA	586
TAPÓN DE DRENAJE (BASTIDOR TELESCOPICOESPIRAL)	4T-2069	6	BASTIDOR TELESCÓPICO DEL RESORTE TENSOR (GR)	553
		6	BASTIDOR TELESCÓPICO DEL RESORTE TENSOR (GR)	556
		6	BASTIDOR TELESCÓPICO DEL RESORTE TENSOR (GR)	559
		6	BASTIDOR TELESCÓPICO DEL RESORTE TENSOR (GR)	563
		3	BASTIDOR TELESCÓPICO DEL RESORTE TENSOR (GR)	566
		3	BASTIDOR TELESCÓPICO DEL RESORTE TENSOR (GR)	569
		3	BASTIDOR TELESCÓPICO DEL RESORTE TENSOR (GR)	572
		3	BASTIDOR TELESCÓPICO DEL RESORTE TENSOR (GR)	575

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PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
CHASSI E CARROCERIA				
CADEADO (CAPÔ)	5P-8502	2	CAPÔ E PROTETOR	534
		1	CAPÔ E PROTETOR	537
CADEADO (COBERTURA DO PÁRA-LAMA)	5P-8502	1	COBERTURA - PÁRA-LAMA	504
		1	COBERTURA - PÁRA-LAMA	506
		1	COBERTURA - PÁRA-LAMA	508
CADEADO (PÁRA-LAMA)	5P-8502	2	PÁRA-LAMA	511
		2	PÁRA-LAMA	515
TAMPÃO (DRENAGEM) (CAIXA)(TRANSMISSÃO)	106-8187	1	CAIXA E CHASSI	493
MATERIAL RODANTE				
BUJÃO DO DRENO (ARMAÇÃO DO TENSOR TELESCÓPICO)	4T-2069	6	ARMAÇÃO TELESCÓPICA DA MOLA TENSORA	553
		6	ARMAÇÃO TELESCÓPICA DA MOLA TENSORA	556
		6	ARMAÇÃO TELESCÓPICA DA MOLA TENSORA	559
		6	ARMAÇÃO TELESCÓPICA DA MOLA TENSORA	563
		3	ARMAÇÃO TELESCÓPICA DA MOLA TENSORA	566
		3	ARMAÇÃO TELESCÓPICA DA MOLA TENSORA	569
		3	ARMAÇÃO TELESCÓPICA DA MOLA TENSORA	572
		3	ARMAÇÃO TELESCÓPICA DA MOLA TENSORA	575
RESPIRO (TANQUE DE LUBRIFICAÇÃO)	198-7711	1	LUBRIFICAÇÃO-BARRA EQUALIZADORA	586
TAMPA - BOCAL DE ENCHIMENTO DE ÓLEO (TANQUE DE LUBRIFICAÇÃO)	5L-2952	1	LUBRIFICAÇÃO-BARRA EQUALIZADORA	586
TAMPA - NÍVEL DO ÓLEO (GARRAFA DE LUBRIFICAÇÃO DO EIXO PILOTO)	9W-8277	1	EIXO PIVÔ - LUBRIFICAÇÃO	588
MOTOR BÁSICO				
BUJÃO - DRENAGEM DO ÓLEO (CÁRTER DE ÓLEO DO MOTOR)	6I-0723	1	CÁRTER DO ÓLEO DO MOTOR	60
BUJÃO DO DRENO (BLOCO DO CILINDRO)	5F-0304	2	TAMPA - BLOCO DO MOTOR	11
CORREIA EM V (ALTERNADOR)	100-3725	1	MONTAGEM - ALTERNADOR	58
RETENTOR (MECANISMO DAS VÁLVULAS - TAMPA)	208-2364	1	TAMPA - MECANISMO DAS VÁLVULAS	15
TELA FILTRANTE (CÁRTER DE ÓLEO DO MOTOR)	7N-5395	1	CÁRTER DO ÓLEO DO MOTOR	60

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
POSTO DO OPERADOR				
ACUMULADOR - REFRIGERANTE	170-0235	1	TUBOS - AR CONDICIONADO	1057
CINTO DE SEGURANÇA (RETRÁTIL)	222-0345	1	ASSENTO	1110
		1	ASSENTO	1111
CORREIA EM V (COMPRESSOR DO REFRIGERANTE)	1P-9744	1	COMPRESSOR DE REFRIGERANTE	1016
FILTRO - AR (CABINE) (ALTA EFICIÊNCIA)	175-2839	1	AQUECEDOR DA CABINE	1039
	175-2841	1	AQUECEDOR DA CABINE	1039
FILTRO - AR (CABINE) (PADRÃO)	7T-1890	1	AQUECEDOR DA CABINE	1039
		1	CONDICIONADOR DE AR	1003
FILTRO - AR (CABINE) (REDUÇÃO DE ODOR)	175-2832	1	AQUECEDOR DA CABINE	1039
FILTRO DE AR DE CABINA (PADRÃO)	107-0266	1	AQUECEDOR DA CABINE	1039
		1	CONDICIONADOR DE AR	1003
LÂMINA DO LIMPADOR DE PÁRA-BRISA (PORTA - LADO DIREITO E ESQUERDO)	6V-5849	4	LIMPADOR DO VIDRO	1162
		4	LIMPADOR DO VIDRO	1166
LÂMINA DO LIMPADOR DE PÁRA-BRISA (VIDRO DIANTEIRO)	6V-5851	1	LIMPADOR DO VIDRO	1162
		1	LIMPADOR DO VIDRO	1166
LÂMINA DO LIMPADOR DE PÁRA-BRISA (VIDRO TRASEIRO)	5C-8811	1	LIMPADOR DO VIDRO	1162
		1	LIMPADOR DO VIDRO	1166
LÂMPADA (24 VOLTS) (INDICADOR DE AÇÃO)	7N-1996	1	INSTRUMENTOS	1049
		1	INSTRUMENTOS	1051
TAMPA COM RESPIRO (TANQUE DO LAVADOR DE VIDROS)	8E-8292	1	TANQUE - LAVADOR DE JANELA	1136
		1	TANQUE - LAVADOR DE JANELA	1138
TAMPA (CONDICIONADOR DE AR) (LADO ALTO)	3E-4052	1	TUBOS - AR CONDICIONADO	1057
		1	TUBOS - AR CONDICIONADO	1061
TAMPA (CONDICIONADOR DE AR) (LADO BAIXO)	3E-4051	1	TUBOS - AR CONDICIONADO	1057
		1	TUBOS - AR CONDICIONADO	1061
SISTEMA DA ADMISSÃO DE AR E DE ESCAPE				
ELEMENTO - FILTRANTE (PURIFICADOR DE AR)	7M-1674	1	PURIFICADOR DE AR	167
ELEMENTO - FILTRANTE (SUPORTE DA ENTRADA DE AR)	7M-1674	1	SUPORTE - ADMISSÃO DE AR	190
		1	SUPORTE - ADMISSÃO DE AR	191
ELEMENTO - PRIMÁRIO (FILTRO DE AR)	123-6855	1	PURIFICADOR DE AR	166
ELEMENTO - PRIMÁRIO (FILTRO DE AR) (EFICIÊNCIA ULTRA ALTA)	132-7168	1	PURIFICADOR DE AR	169
ELEMENTO - SECUNDÁRIO (FILTRO DE AR)	106-3973	1	PURIFICADOR DE AR	169
	123-6856	1	PURIFICADOR DE AR	166

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
SISTEMA DE ARREFECIMENTO				
BUJÃO DO DRENO (ARREFECEDOR DE TRANSMISSÃO)	7N-1447	1	TUBOS - ÁGUA	132
BUJÃO DO DRENO (BOMBA D'ÁGUA)	3F-1358	1	BOMBA AUXILIAR DE ÁGUA DOCE	139
FILTRO - ÁGUA (BOMBA D'ÁGUA)	4N-5834	2	BOMBA DE ÁGUA	144
		2	BOMBA DE ÁGUA	148
REGULADOR DE TEMPERATURA/TERMOSTATO	6I-4950	4	TERMOSTATO / REGULADOR DE TEMPERATURA	116
SISTEMA DE COMBUSTÍVEL				
CADEADO (TANQUE DE COMBUSTÍVEL)	5P-8502	1	TANQUE DE COMBUSTÍVEL	236
		1	TANQUE DE COMBUSTÍVEL	238
CADEADO (TUBULAÇÕES DE COMBUSTÍVEL)	5P-8502	1	TUBOS - COMBUSTÍVEL	219
ELEMENTO - FILTRO DE COMBUSTÍVEL	9M-2342	1	FILTRO - COMBUSTÍVEL	215
FILTRO - COMBUSTÍVEL	1R-0755	2	FILTRO - COMBUSTÍVEL	215
FILTRO - COMBUSTÍVEL (TANQUE)	9P-7121	1	TANQUE DE COMBUSTÍVEL	238
		1	TANQUE DE COMBUSTÍVEL	239
JUNTA (BOMBA DE ESCORVA DO COMBUSTÍVEL)	9Y-8389	1	BOMBA DE ESCORVA DO COMBUSTÍVEL	229
RETENTOR TIPO ANEL (FILTRO DE COMBUSTÍVEL)	8H-2778	1	FILTRO - COMBUSTÍVEL	215
TAMPA - BOCAL DE ENCHIMENTO (COMBUSTÍVEL, TRAVA, COM RESPIRO)	7X-7700	1	TANQUE DE COMBUSTÍVEL	239
TAMPA DO BOCAL DE ENCHIMENTO DO TANQUE DE COMBUSTÍVEL (TRAVAMENTO)	101-8909	1	ADAPTADOR - ABASTECIMENTO RÁPIDO DE COMBUSTÍVEL	199
		1	ADAPTADOR - ABASTECIMENTO RÁPIDO DE COMBUSTÍVEL	201
		1	ADAPTADOR - ABASTECIMENTO RÁPIDO DE COMBUSTÍVEL	203
TAMPA DO TANQUE DE COMBUSTÍVEL (TRAVA COM RESPIRO)	7X-7700	1	TANQUE DE COMBUSTÍVEL	237
TELA DO TANQUE DE COMBUSTÍVEL	6T-7774	1	TUBOS - COMBUSTÍVEL	219
SISTEMA DE LUBRIFICAÇÃO				
CADEADO (TUBO DE ENCHIMENTO DO ÓLEO DO MOTOR)	5P-8502	1	BOCAL DE ENCHIMENTO DE ÓLEO DO MOTOR	79
FILTRO - ÓLEO DO MOTOR	2P-4005	2	FILTRO - ÓLEO DO MOTOR	80
		2	FILTRO - ÓLEO DO MOTOR	82
RESPIRO (MOTOR)	4W-3027	1	RESPIRO	78
TAMPA - BOCAL DE ENCHIMENTO (CÁRTER DO MOTOR)	110-8826	1	ÓLEO - ARRANJO PARA TROCA RÁPIDA	96
TAMPA - BOCAL DE ENCHIMENTO DE ÓLEO (MOTOR)	6N-2206	1	BOCAL DE ENCHIMENTO DE ÓLEO DO MOTOR	79
TAMPA (ÓLEO DO MOTOR)	9S-9272	1	FILTRO - ÓLEO DO MOTOR	80
		1	FILTRO - ÓLEO DO MOTOR	82
TELA - RETORNO (ÓLEO DO MOTOR)	4P-4917	1	BOMBA AUXILIAR DO SISTEMA DE TRANSMISSÃO	105
	4P-5500	1	BOMBA AUXILIAR DO SISTEMA DE TRANSMISSÃO	105

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
SISTEMA ELÉTRICO E DE PARTIDA				
BATERIA (12-VOLTS)	9X-9730	4	BATERIA E CABOS / FIOS ELÉTRICOS	246
		4	BATERIA E CABOS / FIOS ELÉTRICOS	260
		4	BATERIA E CABOS / FIOS ELÉTRICOS	267
CHAVE (DESCONECTAR A BATERIA)	8H-5306	1	CHAVE GERAL	372
CILINDRO DE ÉTER	7X-1062	1	AUXILIAR DE PARTIDA A ÉTER	356
DISJUNTOR AUTOMÁTICO DE CIRCUITO (10 AMPERES) (CHAVE DE PARTIDA)	6T-3642	1	CABOS/FIOS ELÉTRICOS DO CONSOLE	382
DISJUNTOR AUTOMÁTICO DE CIRCUITO (10 AMPERES) (FREIO/EMBREAGEM ELETRÔNICOS)	6T-3642	1	CABOS/FIOS ELÉTRICOS DO CONSOLE	382
DISJUNTOR AUTOMÁTICO DE CIRCUITO (15 AMPERES) (FARÓIS DIANTEIROS)	3T-2662	1	CABOS/FIOS ELÉTRICOS DO CONSOLE	382
DISJUNTOR AUTOMÁTICO DE CIRCUITO (15 AMPERES) (IMPLEMENTO)	6T-3643	1	CABOS/FIOS ELÉTRICOS DO CONSOLE	382
DISJUNTOR AUTOMÁTICO DE CIRCUITO (15 AMPERES) (MOTOR)	6T-3643	1	CABOS/FIOS ELÉTRICOS DO CONSOLE	382
DISJUNTOR AUTOMÁTICO DE CIRCUITO (15 AMPERES) (VENTILADOR)	6T-3643	1	CABOS/FIOS ELÉTRICOS DO CONSOLE	382
ELEMENTO - AQUECEDOR DE ÁGUA DA CAMISA (120 VOLTS,1500 WATTS)	9G-6655	2	AQUECEDOR DA ÁGUA DO MOTOR	300
		2	AQUECEDOR DA ÁGUA DO MOTOR	302
ELEMENTO - AQUECEDOR DE ÁGUA DA CAMISA (240 VOLTS, 1500 WATTS)	6T-3764	2	AQUECEDOR DA ÁGUA DO MOTOR	301
		2	AQUECEDOR DA ÁGUA DO MOTOR	303
ESCOVA (MOTOR DE PARTIDA)	3T-9524	6	MOTOR DE PARTIDA - SISTEMA DE PRÉ-LUBRIFICAÇÃO	368
		6	MOTOR ELÉTRICO DE PARTIDA	365
FILTRO - ESPUMA (SENSOR DE COMBUSTÍVEL)	111-4402	1	BATERIA E CABOS / FIOS ELÉTRICOS	246
		1	BATERIA E CABOS / FIOS ELÉTRICOS	257
		1	BATERIA E CABOS / FIOS ELÉTRICOS	264
FILTRO E JUNTA (AUXILIAR DE PARTIDA A ÉTER)	9X-7138	1	AUXILIAR DE PARTIDA A ÉTER	354
FUSÍVEL (10 AMPERES)	9W-1442	10	CABOS/FIOS ELÉTRICOS DO CONSOLE	383
FUSÍVEL (15 AMPERES)	9W-1441	3	CABOS/FIOS ELÉTRICOS DO CONSOLE	383
FUSÍVEL (20-AMPERES)	9W-1446	3	CABOS/FIOS ELÉTRICOS DO CONSOLE	383
FUSÍVEL (30 A) (CONVERSOR DE ENERGIA)	8T-9636	2	CONVERSOR ELÉTRICO	295
LÂMPADA - FAROL (HID) (24 VOLTS)(70 WATTS)(APAGAR)	213-4998	1	LÂMPADA - FAROL	310
		1	LÂMPADA - FAROL	311
LÂMPADA - HALOGÊNEO (24 VOLTS, 65 WATTS) (FAROL)	9X-3463	1	LÂMPADA - FAROL	307
		1	LÂMPADA - FAROL	308
		1	LÂMPADA - FAROL	309

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
LÂMPADA (12-VOLTS) (INSTALAÇÃO DE SEGURANÇA)	165-5655	1	INSTALAÇÃO-SEGURANÇA	305
LÂMPADA (24 V) (TECLADO)	123-9294	1	CONTROLE ELETRÔNICO	281
		1	CONTROLE ELETRÔNICO	283
		1	CONTROLE ELETRÔNICO	285
LÂMPADA (24 VOLTS) (CONTROLE DO ACELERADOR)	3E-8825	2	CABOS/FIOS ELÉTRICOS - PLATAFORMA	399
LÂMPADA (24 VOLTS) (FALHA TRASEIRA)	7N-1996	1	CABOS/FIOS ELÉTRICOS - PLATAFORMA	397
LÂMPADA (24 VOLTS) (PAINEL DE INSTRUMENTOS)	7N-5876	4	CABOS/FIOS ELÉTRICOS - PLATAFORMA	397
LÂMPADA (24 VOLTS) (TRANSPARENTE)(TETO)	7N-9943	1	LÂMPADA - TETO	306
LÂMPADA (24 VOLTS) (TRAVA DO ACESSÓRIO)	3E-8825	1	CABOS/FIOS ELÉTRICOS - PLATAFORMA	397
MOLA (MOTOR DE PARTIDA)	3T-9494	6	MOTOR DE PARTIDA - SISTEMA DE PRÉ-LUBRIFICAÇÃO	369
		6	MOTOR ELÉTRICO DE PARTIDA	365
SUORTE - ESCOVA (MOTOR DE PARTIDA)	6T-0363	6	MOTOR DE PARTIDA - SISTEMA DE PRÉ-LUBRIFICAÇÃO	369
		6	MOTOR ELÉTRICO DE PARTIDA	366
TELA FILTRANTE (AUXILIAR DE PARTIDA A ÉTER)	160-8761	1	AUXILIAR DE PARTIDA A ÉTER	354
VÁLVULA DO RESPIRO	3K-6905	1	CABOS/FIOS ELÉTRICOS - MOTOR	386
SISTEMA HIDRÁULICO				
CADEADO (TANQUE HIDRÁULICO)	5P-8502	1	TUBOS - VENTILADOR HIDRÁULICOS	739
CADEADO (TUBULAÇÕES DO VENTILADOR HIDRÁULICO)	5P-8502	1	TUBOS - VENTILADOR HIDRÁULICOS	727
		1	TUBOS - VENTILADOR HIDRÁULICOS	733
		1	TUBOS - VENTILADOR HIDRÁULICOS	743
ELEMENTO FILTRANTE - ÓLEO (HIDRÁULICO)	167-2009	2	TANQUE HIDRÁULICO E FILTRO	848
ELEMENTO FILTRANTE - ÓLEO (RETORNO DO VENTILADOR)	132-8875	1	FILTRO - ÓLEO	725
FILTRO - ELEMENTO HIDRÁULICO (ÓLEO DO ACIONADOR DO FREIO)	134-0964	1	FILTRO - ÓLEO	726
TAMPA - BOCAL DE ENCHIMENTO (TANQUE HIDRÁULICO)	4J-3754	1	TANQUE HIDRÁULICO E FILTRO	848
TAMPA DO RESERVATÓRIO HIDRÁULICO (ENCHIMENTO DO TANQUE HIDRÁULICO)	5D-1902	1	TANQUE HIDRÁULICO E FILTRO	848
TAMPÃO (DRENAGEM) (TANQUE HIDRÁULICO)	106-8187	1	TANQUE HIDRÁULICO E FILTRO	848
TELA FILTRANTE (ENCHIMENTO DO TANQUE HIDRÁULICO)	3D-6678	1	TANQUE HIDRÁULICO E FILTRO	848
TELA FILTRANTE (TANQUE HIDRÁULICO)	9T-4946	1	TANQUE HIDRÁULICO E FILTRO	848
	9T-6680	1	TANQUE HIDRÁULICO E FILTRO	848

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
TREM DE FORÇA				
BUJÃO DO DRENO (CAIXA E CHASSI)	4B-7739	1	TUBOS - ÓLEO DA TRANSMISSÃO	433
BUJÃO DO DRENO (COMANDO FINAL)	5F-0304	1	COMANDO FINAL	415
		1	COMANDO FINAL	418
BUJÃO DO DRENO (TREM DE FORÇA)	4B-7739	1	TUBOS - ÓLEO DA TRANSMISSÃO	437
BUJÃO MAGNÉTICO (COMANDO FINAL)	6V-3298	1	COMANDO FINAL	415
		1	COMANDO FINAL	418
ELEMENTO FILTRANTE - ÓLEO (HIDRÁULICO) (TRANSMISSÃO)	132-8876	2	FILTRO - ÓLEO	413
		2	TUBOS - ÓLEO DA TRANSMISSÃO	437
RESPIRO (TREM DE FORÇA)	9G-9981	1	TUBOS - ÓLEO DA TRANSMISSÃO	433
		1	TUBOS - ÓLEO DA TRANSMISSÃO	437
TAMPA - BOCAL DE ENCHIMENTO DE ÓLEO (TREM DE FORÇA)	6N-2985	1	TUBOS - ÓLEO DA TRANSMISSÃO	433
		1	TUBOS - ÓLEO DA TRANSMISSÃO	437
TAMPÃO (FILTRO DA TRANSMISSÃO)	9S-4183	1	FILTRO - ÓLEO	413
TELA DE SUCÇÃO (CONVERSOR DE TORQUE)	8S-9130	1	CONVERSOR DE TORQUE	467
TELA FILTRANTE (TREM DE FORÇA)	9P-0214	1	TUBOS - ÓLEO DA TRANSMISSÃO	433
		1	TUBOS - ÓLEO DA TRANSMISSÃO	437
	130-6747	1	TUBOS - ÓLEO DA TRANSMISSÃO	437
TELA FILTRANTE (TUBOS DE ÓLEO DO TREM DE FORÇA)	130-6747	1	TUBOS - ÓLEO DA TRANSMISSÃO	432

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
ELEKTRISCHE ANLAGE UND STARTSYSTEM				
ARBEITSLEUCHTEN (HID) (24V)(70W)(FARBLOS)	213-4998	1	ARBEITSLEUCHTEN	310
ÄTHERSTARTHILFEZYLINDER	7X-1062	1	ARBEITSLEUCHTEN	311
BATTERIE (12 V)	9X-9730	1	ÄTHERSTARTHILFE	356
		4	BATTERIE UND VERDRAHTUNG	246
		4	BATTERIE UND VERDRAHTUNG	260
		4	BATTERIE UND VERDRAHTUNG	267
BELEUCHTUNGSANLAGE (12 V) (*SECURITY INSTALLATION)	165-5655	1	SICHERHEITSEINBAUSATZ	305
BÜRSTENHALTER (STARTERMOTOR)	6T-0363	6	ANLASSMOTOR-VORSCHMIER- ANLAGE	369
		6	STARTERMOTOR	366
BÜRSTENSATZ (STARTERMOTOR)	3T-9524	6	ANLASSMOTOR-VORSCHMIER- ANLAGE	368
		6	STARTERMOTOR	365
ENTLÜFTERVENTIL	3K-6905	1	MOTORVERDRAHTUNG	386
FEDER (STARTERMOTOR)	3T-9494	6	ANLASSMOTOR-VORSCHMIER- ANLAGE	369
		6	STARTERMOTOR	365
FILTER U. DICHTUNG (ÄTHERSTARTHILFE)	9X-7138	1	ÄTHERSTARTHILFE	354
HALOGENSCHINWERFER (24V)(65W) (ARBEITSSCHEINWERFER)	9X-3463	1	ARBEITSLEUCHTEN	307
		1	ARBEITSLEUCHTEN	308
		1	ARBEITSLEUCHTEN	309
LEUCHTE (24 V) (ARBEITSGERÄTESPERRE)	3E-8825	1	FAHRERPLATTFORMVERDRAHTUNG	397
LEUCHTE (24 V) (DREZAHLREGELUNG)	3E-8825	2	FAHRERPLATTFORMVERDRAHTUNG	399
LEUCHTE (24 V) (FEHLER - HINTEN)	7N-1996	1	FAHRERPLATTFORMVERDRAHTUNG	397
LEUCHTE (24 V) (INSTRUMENTENTAFEL)	7N-5876	4	FAHRERPLATTFORMVERDRAHTUNG	397
LEUCHTE (24 V) (KLAR)(INNENLEUCHTE)	7N-9943	1	FAHRERHAUSBELEUCHTUNG	306
LEUCHTE (24 V) (TASTATUR)	123-9294	1	STEUERUNG, ELEKTRON.	281
		1	STEUERUNG, ELEKTRON.	283
		1	STEUERUNG, ELEKTRON.	285
SCHAUMFILTER (KRAFTSTOFFSEN- SOR)	111-4402	1	BATTERIE UND VERDRAHTUNG	246
		1	BATTERIE UND VERDRAHTUNG	257
		1	BATTERIE UND VERDRAHTUNG	264
SCHLÜSSEL (HAUPTSCHALTER)	8H-5306	1	TRENNSCHALTER	372
SCREEN (ÄTHERSTARTHILFE)	160-8761	1	ÄTHERSTARTHILFE	354
SICHERUNG (10 A)	9W-1442	10	KONSOLENVERDRAHTUNG	383
SICHERUNG (15 A)	9W-1441	3	KONSOLENVERDRAHTUNG	383
SICHERUNG (20 A)	9W-1446	3	KONSOLENVERDRAHTUNG	383
SICHERUNG (30 A) (UMFORMER)	8T-9636	2	ELEKTR. UMFORMER	295
UMLAUFKÜHLWASSERHEIZUNGS-ELE- MENT (120 V, 1500 W)	9G-6655	2	UMLAUFKÜHLWASSERHEIZUNG	300
		2	UMLAUFKÜHLWASSERHEIZUNG	302
UMLAUFKÜHLWASSERHEIZUNGS-ELE- MENT (240V, 1500W)	6T-3764	2	UMLAUFKÜHLWASSERHEIZUNG	301

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
UNTERBRECHER (10 A) (KUPPLUNG/BREMSE - ELEKTRONISCH)	6T-3642	2 1	UMLAUFKÜHLWASSERHEIZUNG KONSOLENVERDRAHTUNG	303 382
UNTERBRECHER (10 A) (STARTSCHLÜSSELSCHALTER)	6T-3642	1	KONSOLENVERDRAHTUNG	382
UNTERBRECHER (15 A) (ARBEITSGERÄT)	6T-3643	1	KONSOLENVERDRAHTUNG	382
UNTERBRECHER (15 A) (ARBEITSLEUCHTEN, VORNE)	3T-2662	1	KONSOLENVERDRAHTUNG	382
UNTERBRECHER (15 A) (LÜFTER)	6T-3643	1	KONSOLENVERDRAHTUNG	382
UNTERBRECHER (15 A) (MOTOR)	6T-3643	1	KONSOLENVERDRAHTUNG	382
FAHRERHAUS				
FAHRERHAUSLUFTFILTER (STANDARD)	107-0266	1	FAHRERHAUSHEIZUNG	1039
		1	KLIMAAANLAGE	1003
KÄLTEMITTEL-DRUCKSPEICHER	170-0235	1	KLIMAAANLAGENLEITUNGEN	1057
KAPPE (KLIMAAANLAGE) (HOHE SEITE)	3E-4052	1	KLIMAAANLAGENLEITUNGEN	1057
		1	KLIMAAANLAGENLEITUNGEN	1061
KAPPE (KLIMAAANLAGE) (UNTERE SEITE)	3E-4051	1	KLIMAAANLAGENLEITUNGEN	1057
		1	KLIMAAANLAGENLEITUNGEN	1061
KAPPE MIT ENTLÜFTER (SCHEIBEN- WASCHMITTELBEHÄLTER)	8E-8292	1	SCHEIBENWASCHMITTELBEHÄLTER	1136
		1	SCHEIBENWASCHMITTELBEHÄLTER	1138
KEILRIEMEN (KÄLTEMITTELKOM- PRESSOR)	1P-9744	1	KÄLTEMITTELKOMPRESSOR	1016
LEUCHTE (24 V) (WARNANZEIGE)	7N-1996	1	INSTRUMENTENSATZ	1049
		1	INSTRUMENTENSATZ	1051
LUFTFILTER (FAHRERHAUS) (GERUCHSREDUZIERUNG)	175-2832	1	FAHRERHAUSHEIZUNG	1039
LUFTFILTER (FAHRERHAUS) (HOCHLEISTUNG)	175-2839	1	FAHRERHAUSHEIZUNG	1039
	175-2841	1	FAHRERHAUSHEIZUNG	1039
LUFTFILTER (FAHRERHAUS) (STANDARD)	7T-1890	1	FAHRERHAUSHEIZUNG	1039
		1	KLIMAAANLAGE	1003
SCHEIBENWISCHERBLATT (FENSTER, HINTEN)	5C-8811	1	SCHEIBENWISCHER	1162
		1	SCHEIBENWISCHER	1166
SCHEIBENWISCHERBLATT (FENSTER, VORNE)	6V-5851	1	SCHEIBENWISCHER	1162
		1	SCHEIBENWISCHER	1166
SCHEIBENWISCHERBLATT (RECHTE U. LINKE TÜR)	6V-5849	4	SCHEIBENWISCHER	1162
		4	SCHEIBENWISCHER	1166
SICHERHEITSGURT (AUSZIEHBAR)	222-0345	1	FAHRERSITZ	1110
		1	FAHRERSITZ	1111

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
HYDRAULIKSYSTEM				
EINFÜLLSTUTZENKAPPE (HYDRAULIKTANK)	4J - 3754	1	HYDRAULIKTANK UND SCHMIERFILTER	848
FILTERELEMENT - HYDRAULIK (BREMSBETÄTIGUNGSÖL)	134 - 0964	1	ÖLFILTER	726
FILTERSIEB (HYDRAULIKTANKEIN- FÜLLSIEB)	3D - 6678	1	HYDRAULIKTANK UND SCHMIERFILTER	848
HYDRAULIKTANKKAPPENDECKEL (HYDRAULIKTANKEINFÜLLSIEB)	5D - 1902	1	HYDRAULIKTANK UND SCHMIERFILTER	848
ÖLFILTERELEMENT (HYDRAULISCH)	167 - 2009	2	HYDRAULIKTANK UND SCHMIERFILTER	848
ÖLFILTERELEMENT (LÜFTERRÜCKFÜHRLEITUNGEN)	132 - 8875	1	ÖLFILTER	725
SCHRAUBE (ABLAß) (HYDRAULIKTANK)	106 - 8187	1	HYDRAULIKTANK UND SCHMIERFILTER	848
SCREEN (HYDRAULIKTANK)	9T - 6680	1	HYDRAULIKTANK UND SCHMIERFILTER	848
SIEB (HYDRAULIKTANK)	9T - 4946	1	HYDRAULIKTANK UND SCHMIERFILTER	848
VORHÄNGESCHLOSS (HYDRAULIKLÜFTERLEITUNGN)	5P - 8502	1	HYDRAULIKLÜFTERLEITUNGEN	727
		1	HYDRAULIKLÜFTERLEITUNGEN	733
		1	HYDRAULIKLÜFTERLEITUNGEN	743
VORHÄNGESCHLOSS (HYDRAULIKTANK)	5P - 8502	1	HYDRAULIKLÜFTERLEITUNGEN	739
KRAFTSTOFFSYSTEM				
DICHTUNG (KRAFTSTOFFENTLÜF- TUNGSPUMPE)	9Y - 8389	1	KRAFTSTOFF-ENTLÜFTUNGSPUMPE	229
DICHTUNGSRING (KRAFTSTOFFFILTER)	8H - 2778	1	KRAFTSTOFFFILTER	215
EINFÜLLKAPPE (KRAFTSTOFF, SPERRUNG, LÜFTUNG)	7X - 7700	1	KRAFTSTOFFTANK	239
KRAFTSTOFFFILTEREINSATZ	9M - 2342	1	KRAFTSTOFFFILTER	215
KRAFTSTOFFFILTER	1R - 0755	2	KRAFTSTOFFFILTER	215
KRAFTSTOFFKAPPE (SPERRUNG)	101 - 8909	1	SCHNELLBETANKUNGSANSCHLUSS	199
		1	SCHNELLBETANKUNGSANSCHLUSS	201
		1	SCHNELLBETANKUNGSANSCHLUSS	203
KRAFTSTOFFSIEB (TANK)	9P - 7121	1	KRAFTSTOFFTANK	238
		1	KRAFTSTOFFTANK	239
KRAFTSTOFFTANKKAPPE (ENTLÜFTUNGSSPERRE)	7X - 7700	1	KRAFTSTOFFTANK	237
KRAFTSTOFFTANKSIEB	6T - 7774	1	KRAFTSTOFFLEITUNGEN	219
VORHÄNGESCHLOSS (KRAFTSTOFFLEITUNGEN)	5P - 8502	1	KRAFTSTOFFLEITUNGEN	219
VORHÄNGESCHLOSS (KRAFTSTOFFTANK)	5P - 8502	1	KRAFTSTOFFTANK	236
		1	KRAFTSTOFFTANK	238
* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN				

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
KRAFTÜBERTRAGUNG				
ABLASSTOPFEN (GEHÄUSE U. RAHMEN)	4B-7739	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	433
ABLASSTOPFEN (KRAFTÜBERTRAGUNG)	4B-7739	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	437
ABLASSTOPFEN (SEITENANTRIEB)	5F-0304	1	SEITENANTRIEB	415
		1	SEITENANTRIEB	418
ANSAUGSIEB (DREHMOMENTWANDLER)	8S-9130	1	DREHMOMENTWANDLER	467
ENTLÜFTER (KRAFTÜBERTRAGUNG)	9G-9981	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	433
		1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	437
MAGNETSTOPFEN (SEITENANTRIEB)	6V-3298	1	SEITENANTRIEB	415
		1	SEITENANTRIEB	418
ÖLEINFÜLLSTUTZEN (KRAFTÜBERTRAGUNG)	6N-2985	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	433
		1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	437
ÖLFILTERELEMENT (HYDRAULISCH) (GETRIEBE)	132-8876	2	ÖLFILTER	413
		2	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	437
SCHRAUBE (GETRIEBEFILTER)	9S-4183	1	ÖLFILTER	413
SIEB (KRAFTÜBERTRAGUNG)	9P-0214	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	433
		1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	437
	130-6747	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	437
SIEB (KRAFTÜBERTRAGUNG - ÖLLEITUNGEN)	130-6747	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	432
KÜHLSYSTEM				
ABLASSTOPFEN (GETRIEBEKÜHLER)	7N-1447	1	KÜHLWASSERLEITUNGEN	132
ABLASSTOPFEN (WASSERPUMPE)	3F-1358	1	ZUSATZSÜSSWASSERPUMPE	139
TEMPERATURREGLER	6I-4950	4	KÜHLWASSER-TEMPERATURREGLER UND GEHÄUSE	116
WASSERFILTER (WASSERPUMPE)	4N-5834	2	KÜHLWASSERPUMPE	144
		2	KÜHLWASSERPUMPE	148

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
LAUFWERK				
ABLASSTOPFEN (TELESKOPRÜCKLAUFRAHMEN)	4T - 2069	6	LAUFROLLENRAHMEN (TELESKOPRÜCKLAUF)	553
		6	LAUFROLLENRAHMEN (TELESKOPRÜCKLAUF)	556
		6	LAUFROLLENRAHMEN (TELESKOPRÜCKLAUF)	559
		6	LAUFROLLENRAHMEN (TELESKOPRÜCKLAUF)	563
		3	LAUFROLLENRAHMEN (TELESKOPRÜCKLAUF)	566
		3	LAUFROLLENRAHMEN (TELESKOPRÜCKLAUF)	569
		3	LAUFROLLENRAHMEN (TELESKOPRÜCKLAUF)	572
		3	LAUFROLLENRAHMEN (TELESKOPRÜCKLAUF)	575
		3	LAUFROLLENRAHMEN (TELESKOPRÜCKLAUF)	
ENTLÜFTER (SCHMIERMITTELTANK)	198 - 7711	1	SCHMIERVORRICHTUNG - QUERTRAVERSE	586
ÖLEINFÜLLSTUTZEN (SCHMIERMITTELTANK)	5L - 2952	1	SCHMIERVORRICHTUNG - QUERTRAVERSE	586
ÖLSTANDKAPPE (VORSTEUERWEL- LENSCHMIERBEHÄLTER)	9W - 8277	1	ACHSWELLENSCHMIERUNG	588
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ÖLABLASSSCHRAUBE (MOTORÖLWANNE)	6I - 0723	1	ÖLWANNE	60
SIEB (MOTORÖLWANNE)	7N - 5395	1	ÖLWANNE	60

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
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	1036	KETTENDICHTUNG	600
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KABELSTRANG (GETRIEBE)	246		582
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	266	KIPPSCHALTER (SEITENLEUCHTEN)	397
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	207	SERIENNUMMERNSCHILD	1172
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	369	STELLUNGSSENSOR (AUFREISSER ANHEBEN/ABSENKEN)	655
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VORHÄNGESCHLOSS (KOTFLÜGEL)	511		
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VORHÄNGESCHLOSS (KRAFTSTOFFLEITUN- GEN)	219		
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VORHÄNGESCHLOSS (SCHUTZBLECHVER- KLEIDUNG)	504		
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		WARNHORN (*24-VOLT, HIGH TONE)	246
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		WASSSERTANK	154
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* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

STICHWORTVERZEICHNIS

Bezeichnung	Seite	Bezeichnung	Seite
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ZEITGEBER (VORSCHMIERUNG)	98		
	100		
ZUSATZSÜSSWASSERPUMPE	139		
	141		
	142		
	143		
ZYLINDERAUFHÄNGUNG	825		
	826		
	827		
ZYLINDERKOPF	28		
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	33		

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

MEMORANDA

MACHINE ARRANGEMENT

155-5552 CHASSIS AR

S/N: 7PZ1-UP

PART OF 155-5550 GENERAL AR

SMCS-7000

i01988468

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	156-9936	1	BATTERY & WIRING GP						246
Y	157-3738	1	CAB AR						1006
Y	158-4227	1	CASE & FRAME GP						493
Y	173-3262	1	CONTROL & MTG GP-ELECTRONIC						274
Y	170-3715	1	CONTROL & MTG GP-ELECTRONIC						272
Y	172-7938	1	CONTROL GP-DECELERATOR						213
Y	159-7221	1	ENCLOSURE GP-ENGINE						498
			S/N: 7PZ616-UP						
Y	159-3793	1	ENCLOSURE GP-FENDER						504
Y	157-3513	1	FENDER GP						511
Y	127-8051	1	GUARD GP-BOTTOM						520
Y	127-9444	1	GUARD GP-COUPLING						431
Y	157-1988	1	GUARD GP-RADIATOR						525
Y	147-4459	1	HOOD & GUARD GP						534
			S/N: 7PZ1-387						
Y	195-9536	1	HOOD & GUARD GP						537
			S/N: 7PZ388-UP						
Y	157-5913	1	INSTRUMENT GP						1049
Y	134-0978	1	LIGHTING GP-FLOOD						316
Y	140-2751	1	LINES GP-FUEL						219
Y	172-5596	1	LINES GP-HYDRAULIC FAN						727
	6V-1970	1	LITERATURE GP						
	5P-8500	2	KEY						
	5P-7958	1	SLEEVE-CABLE SPLICE						
Y	9W-1699	1	LUBRICATION GP-PIVOT SHAFT						588
Y	173-9170	1	MOUNTING GP-ROPS						1078
Y	159-4699	1	PLATE & FILM GP						1172
Y	136-9138	1	PLATFORM GP-CAB						1088
			S/N: 7PZ1-563						
Y	204-2643	1	PLATFORM GP-CAB						1090
			S/N: 7PZ564-UP						
Y	167-7953	1	ROPS GP						1094
Y	137-7368	1	SEAT GP						1102
			S/N: 7PZ1-391						
Y	156-7418	1	SEAT GP						1103
			S/N: 7PZ392-UP						
Y	163-0575	1	TANK & FILTER GP-HYDRAULIC						848
Y	158-5031	1	TANK GP-FUEL						236
Y	156-9937	1	WIRING GP-PLATFORM						397
Y	210-4729	1	LUBRICATION GP-EQUALIZER BAR						586
			S/N: 7PZ564-UP						
Y-SEPARATE ILLUSTRATION									
<END>									

MACHINE ARRANGEMENT

155-5550 GENERAL AR

S/N: 7PZ1-UP

SMCS-7000

i01220699

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	155-5552	1	CHASSIS AR						1
Y	155-5553	1	CONTROL AR-HYDRAULIC						652
Y	155-5555	1	ELECTRONICS AR-MACHINE						296
Y	155-5556	1	ENGINE AR						3
Y	155-5557	1	INSTALLATION AR-ENGINE						5
Y	112-9167	1	POWER TRAIN AR						453
Y	139-7697	1	UNDERCARRIAGE AR						617
Y-SEPARATE ILLUSTRATION									

<END>

ENGINE ARRANGEMENT

155-5556 ENGINE AR

S/N: 2GR1180-UP

PART OF 155-5550 GENERAL AR

SMCS-1000

i02022801

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	172-0209	1	AFTERCOOLER GP-WATER						163
Y	217-7086	1	AIR CLEANER GP						167
			S/N: 2GR4243, 4316, 4323, 4367, 4388, 4420-UP						
YR	165-5140	1	ALTERNATOR GP-CHARGING						241
			S/N: 2GR1180-3457						
YR	200-8277	1	ALTERNATOR GP-CHARGING						244
			S/N: 2GR3458-3866						
YR	197-8820	1	ALTERNATOR GP-CHARGING						242
			S/N: 2GR3867-UP						
Y	101-0833	1	BALANCER GP						6
Y	7E-9081	2	BREATHING GP						78
Y	106-4582	1	CAMSHAFT GP						8
Y	141-7105	1	COMPRESSOR GP-REFRIGERANT						1016
			S/N: 2GR4544-UP						
Y	156-9814	1	CONNECTION GP-WATER						111
			S/N: 2GR1180-3945, 3947-4088, 4090-4312						
Y	127-4451	1	CONNECTION GP-WATER						110
			S/N: 2GR3946, 4089, 4313-UP						
Y	175-5213	1	CONTROL & MTG GP-ENGINE ELEK						277
Y	4W-5893	1	COOLER GP-ENGINE OIL						112
Y	7N-9182	1	COOLER GP-HYDRAULIC OIL						665
Y	156-9844	1	COVER GP-ACCESSORY DRIVE						10
Y	119-6288	1	COVER GP-CYLINDER BLOCK (CENTRAL STRUCTURE)						12
Y	104-4776	1	COVER GP-CYLINDER BLOCK (REAR STRUCTURE)						11
Y	7W-2378	1	COVER GP-FRONT HOUSING						14
Y	101-0831	6	COVER GP-VALVE MECHANISM						15
Y	101-0336	1	CRANKSHAFT GP						16
			S/N: 2GR1180-4648						
Y	241-0222	1	CRANKSHAFT GP						18
			S/N: 2GR4649-UP						
Y	101-0827	1	CYLINDER BLOCK GP						21
			S/N: 2GR1180-4492, 4494-4517						
Y	237-7957	1	CYLINDER BLOCK GP						26
			S/N: 2GR4493, 4518-UP						
Y	101-0830	8	CYLINDER HEAD GP						31
Y	8N-7182	1	DAMPER GP						38
Y	7E-6620	1	DRIVE GP-ACCESSORY						39
Y	156-9812	1	DRIVE GP-ACCESSORY (LOWER LH)						43
Y	8N-8161	1	DRIVE GP-ACCESSORY (FLYWHEEL HOUSING LOWER)						41
Y	7E-6612	1	DRIVE GP-AUXILIARY						45
	157-1270	1	ELECTRONICS GP-ENGINE RATINGS						
Y	214-6006	1	FASTENER GP-FRONT HOUSING						46
			S/N: 2GR3819-UP						
Y	1W-0419	1	FILLER GP-ENGINE OIL						79
Y	1W-0714	1	FILTER GP-ENGINE OIL						80
Y	6I-4468	1	FILTER GP-FUEL						215
Y	9Y-7211	1	FLYWHEEL GP						47
Y	1W-0417	1	GAUGE GP-OIL LEVEL (DIPSTICK)						85
Y	8N-7174	1	GEAR GP-FRONT						48
Y	101-1361	1	GEAR GP-REAR						50
Y	170-1152	1	HOUSING & REGULATOR GP						116
Y	106-7600	1	HOUSING GP-FLYWHEEL						52
Y	4P-5426	1	HOUSING GP-FRONT						55
Y	7E-6872	1	LIFTING GP-ENGINE						56
			S/N: 2GR1180-2951						

ENGINE ARRANGEMENT

155-5556 ENGINE AR (contd.)

i02022801

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	194-4898	1	LIFTING GP-ENGINE						57
			S/N: 2GR2952-UP						
Y	156-9819	1	LINES GP-AIR						174
			S/N: 2GR1180-4242, 4244-4315, 4317-4322, 4324-4366, 4368-4387, 4389-4419						
Y	230-1050	1	LINES GP-AIR						176
			S/N: 2GR4243, 4316, 4323, 4367, 4388, 4420-UP						
Y	1W-0717	1	LINES GP-ENGINE OIL						86
Y	117-0078	1	LINES GP-FUEL INJECTION						223
Y	109-8082	1	LINES GP-TURBOCHARGER OIL						89
Y	217-7041	1	LINES GP-WATER						138
			S/N: 2GR3946, 4089, 4209-UP						
Y	156-9815	1	LINES GP-WATER (AFTERCOOLER)						119
Y	156-9840	1	LINES GP-WATER (BYPASS)						127
Y	4P-5540	1	LINES GP-WATER (LOWER)						117
Y	169-4346	1	LINES GP-WATER (TURBO)						134
Y	172-0199	1	LINES GP-WATER (UPPER)						136
Y	121-5731	1	MANIFOLD GP-EXHAUST						178
Y	184-3239	1	MOUNTING GP-ALTERNATOR						58
Y	7E-6103	1	PAN GP-OIL						60
Y	101-0829	8	PISTON & ROD GP						62
			S/N: 2GR1180-4492, 4494-4517						
Y	223-6363	8	PISTON & ROD GP						64
			S/N: 2GR4493, 4518-UP						
Y	156-9850	1	PUMP GP-AUXILIARY WATER						141
Y	7N-8715	1	PUMP GP-ENGINE OIL						103
Y	100-8780	8	PUMP GP-FUEL INJECTION						227
Y	165-9154	1	PUMP GP-FUEL PRIMING						229
Y	8N-6151	1	PUMP GP-FUEL TRANSFER						230
Y	1N-3240	1	PUMP GP-SCAVENGE						105
Y	169-4691	1	PUMP GP-WATER						146
Y	184-2444	1	SEAL GP-CRANKSHAFT						66
Y	127-4496	1	SENSOR & MTG GP-PRESSURE						326
			S/N: 2GR4479-UP						
Y	6I-1792	1	SHIELD GP-FUEL LINES						187
Y	133-5951	1	SHIELD GP-MANIFOLD						189
Y	179-7092	1	STARTING AID GP-ETHER						356
Y	1W-6363	1	STARTING MOTOR GP-ELECTRIC						358
Y	178-6363	8	THERMOCOUPLE GP						380
			S/N: 2GR1180-3709						
Y	7N-1863	1	TRUNNION GP-ENGINE						68
Y	169-4801	1	TURBOCHARGER GP						192
Y	100-3905	8	VALVE MECHANISM GP						69
			S/N: 2GR1180-3248						
Y	195-1928	8	VALVE MECHANISM GP						71
			S/N: 2GR3249-3945, 3947-4037, 4039-4088, 4090-4104						
Y	224-9869	8	VALVE MECHANISM GP						73
			S/N: 2GR3946, 4038, 4089, 4105-UP						
Y	156-9816	1	WIRING GP-ENGINE						385
			AVAILABLE GASKET KIT(S):						
	202-8627		KIT-GASKET (CENTRAL, LOWER STRUCTURE)						
	197-5346		KIT-GASKET (OIL PUMP)						
	6V-3774		KIT-GASKET (SINGLE CYLINDER LINER)						
	106-3385		KIT-GASKET (SINGLE FUEL INJECTOR)						
	201-1277		KIT-GASKET (TURBOCHARGER)						
	222-5153		KIT-REBUILD (WATER PUMP)						

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

155-5557 INSTALLATION AR-ENGINE

S/N: 7PZ1-UP

PART OF 155-5550 GENERAL AR

SMCS-1000

i01969903

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-6853	1	AIR CLEANER GP						164
			S/N: 7PZ1-681						
Y	127-4487	1	COOLER GP-TRANSMISSION OIL						409
Y	1W-3508	1	DUST EJECTOR GP						170
Y	156-9842	1	FAN GP-SUCTION						114
Y	129-9478	1	FUMES DISPOSAL GP						84
Y	1W-0725	1	LINES GP-AIR						172
Y	156-9843	1	LINES GP-WATER (AFTERCOOLER)						131
			S/N: 7PZ1-675						
Y	159-4756	1	LINES GP-WATER (TRANSMISSION COOLER)						132
Y	127-4490	1	MOTOR GP-FAN						822
			S/N: 7PZ1-288						
Y	176-7002	1	MOTOR GP-FAN						823
			S/N: 7PZ289-UP						
Y	1W-0726	1	MUFFLER GP						182
Y	230-1053	1	PRECLEANER GP						186
			S/N: 7PZ682-UP						
Y	172-5638	1	PUMP GP-PISTON						842
Y	156-9846	1	RADIATOR GP						152
Y	169-2887	1	SENSOR & MTG GP-PRESSURE (ATMOSPHERIC)						327
			S/N: 7PZ1-288						
Y	127-4496	1	SENSOR & MTG GP-PRESSURE (ATMOSPHERIC)						326
			S/N: 7PZ289-703						
Y	179-7091	1	STARTING AID GP-ETHER						354
			S/N: 7PZ289-UP						
Y	8N-8114	1	SUPPORT GP-ENGINE (REAR)						67
Y	156-9813	1	TANK GP-WATER						154
Y	4T-0884	1	VALVE GP-BYPASS						863
Y	1W-8160	1	YOKE GP (ACCESSORY DRIVE)						77
Y-SEPARATE ILLUSTRATION									

BASIC ENGINE

101-0833 BALANCER GP

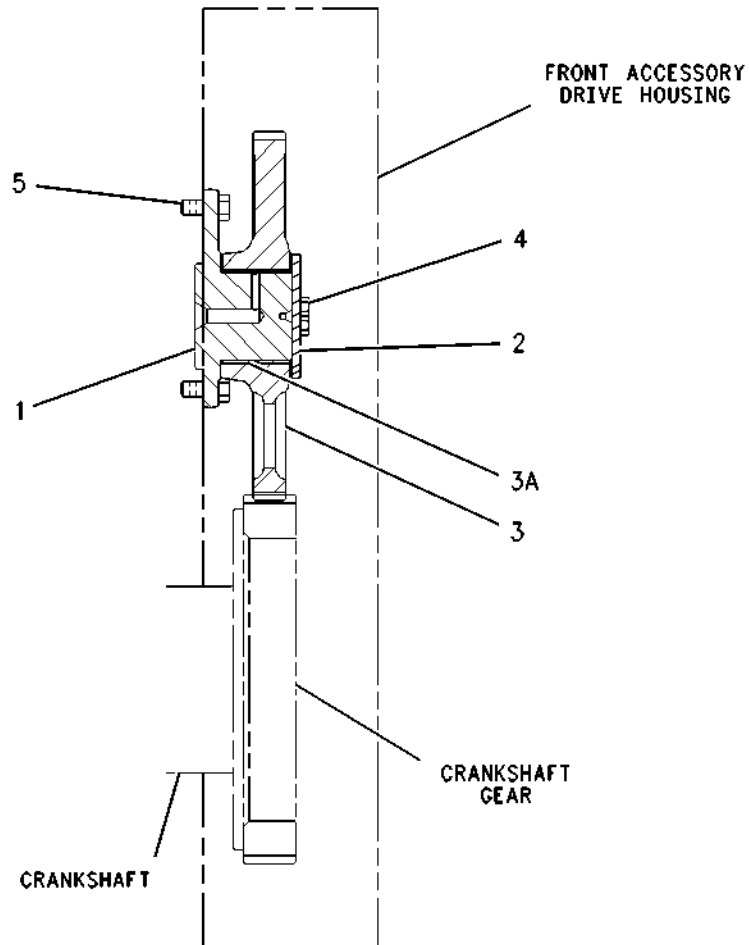
S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1220

i01909750

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4W-4998	1	SHAFT-CLUSTER GEAR						
	2	1	101-1365	1	PLATE-THRUST						
	3	1	101-9043	1	GEAR AS-BALANCER (92 TEETH)						
	3A	1	7N-6983	1	BEARING-SLEEVE						
	4	1	0L-1351	4	BOLT (3/8-16X0.875 IN)						
	5	1	8M-2530	4	BOLT-12 POINT HEAD (1/2-13X1.25 IN)						



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g00995181

BASIC ENGINE

120-7413 BASE GP-VALVE COVER

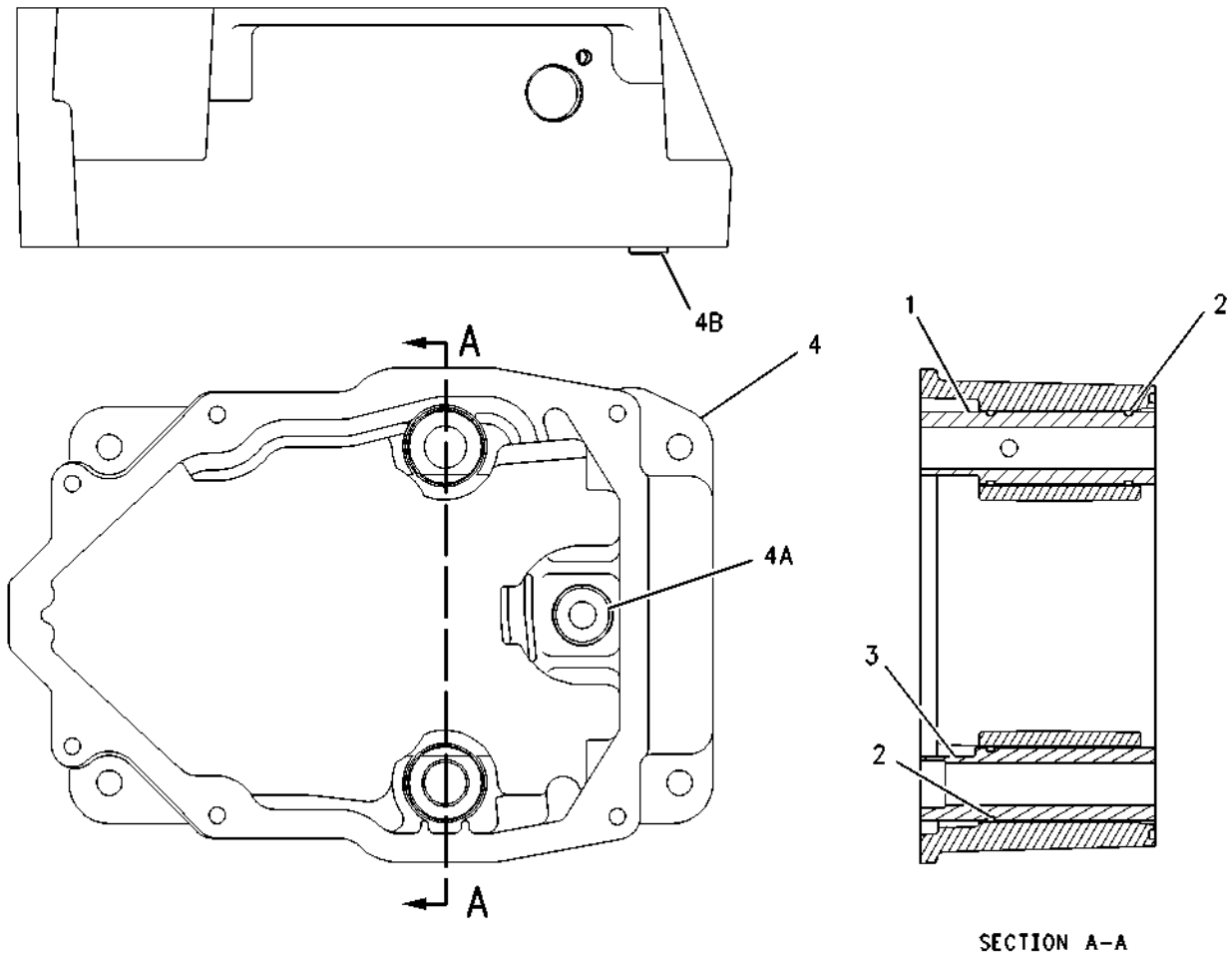
S/N: 2GR1180-UP

PART OF 100-3905, 195-1928, 224-9869 VALVE MECHANISM GP

SMCS-1120

i01925005

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	119-0839	1	SPACER (17.5X30.94X98MM) (RH)						
	2	1	6V-6228	3	SEAL-O-RING						
	3	1	119-0838	1	SPACER (17.5X30.94X98MM) (LH)						
	4	1	120-7412	1	BASE AS-ROCKER ARM						
	4A	1	120-4339	1	WASHER-SPRING						
	4B	1	8N-4387	1	DOWEL-HOLLOW						



GRAPHIC #1

<END>

g00842340

BASIC ENGINE

106-4582 CAMSHAFT GP

S/N: 2GR1180-2334

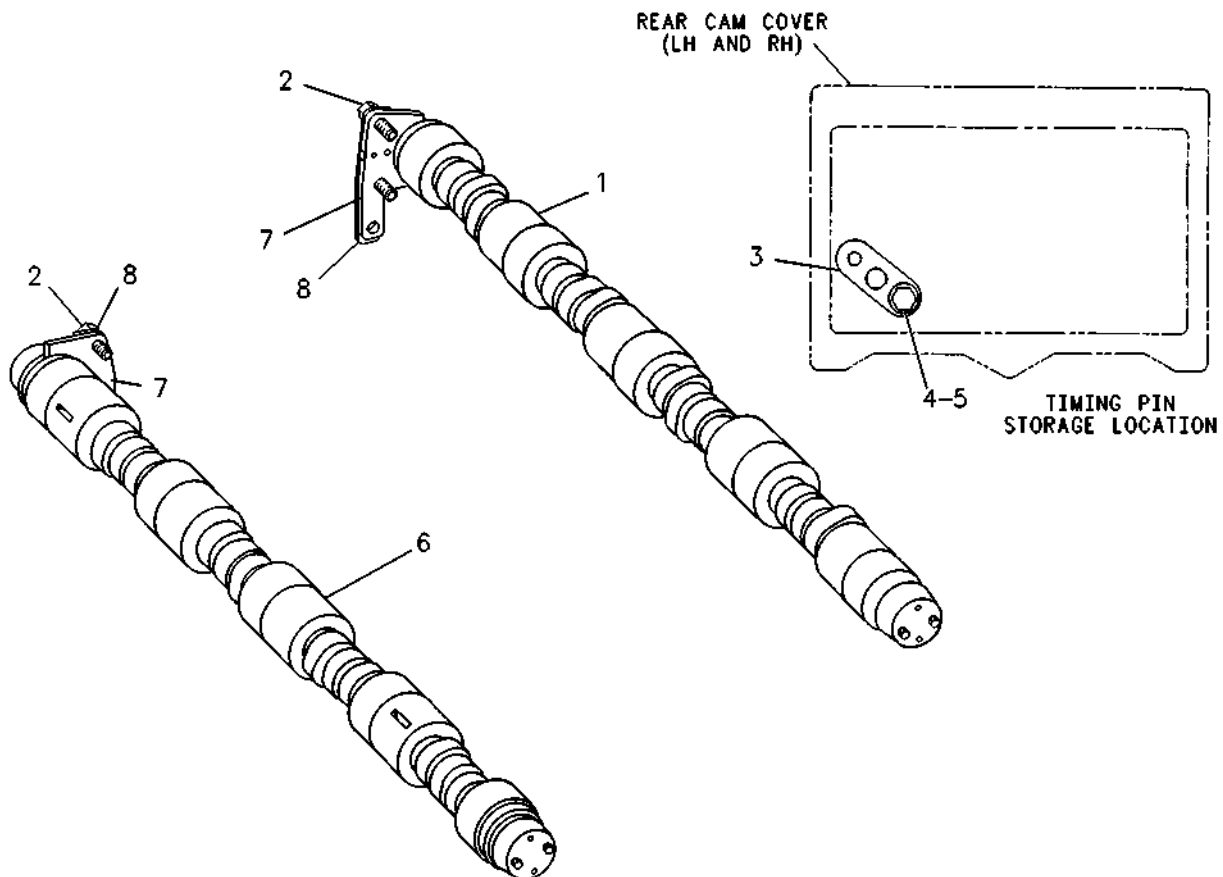
PART OF 155-5556 ENGINE AR

SMCS-1210, 1211, 1212

i01990469

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	127-5404	1	CAMSHAFT AS (LH)						
		1	5B-5821	1	DOWEL						
	2	1	1A-2029	4	BOLT (3/8-16X1.125 IN)						
	3	1	4W-6664	2	PLATE AS-TIMING						
	4	1	0S-0509	2	BOLT (3/8-16X0.75 IN)						
	5	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5MM THK)						
R	6	1	133-4079	1	CAMSHAFT AS (RH)						
		1	5B-5821	1	DOWEL						
	7	1	128-5994	2	WASHER AS-THRUST						
					(EACH INCLUDES)						
		1	4B-4161	1	SCREW-DRIVE (NO.6X3/8)						
	8	1	117-9308	2	PLATE						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00086036

BASIC ENGINE

106-4582 CAMSHAFT GP

S/N: 2GR2335-UP

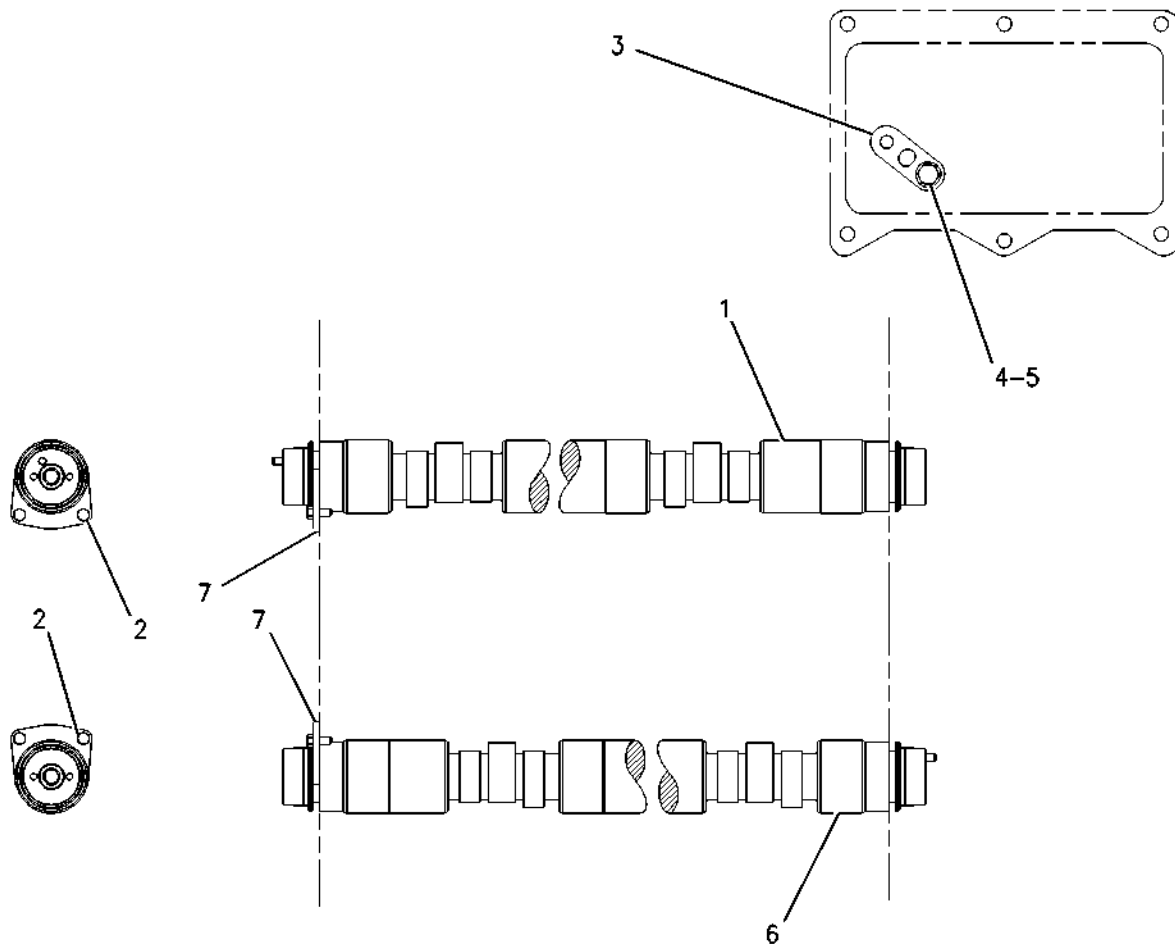
PART OF 155-5556 ENGINE AR

SMCS-1210, 1211, 1212

i01990466

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
R	1	1	127-5404	1	CAMSHAFT AS (LH)	
		1	5B-5821	1	DOWEL	
C	2	1	0L-1351	4	BOLT (3/8-16X0.875 IN)	
	3	1	4W-6664	2	PLATE AS-TIMING	
	4	1	0S-0509	2	BOLT (3/8-16X0.75 IN)	
	5	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5MM THK)	
R	6	1	133-4079	1	CAMSHAFT AS (RH)	
		1	5B-5821	1	DOWEL	
C	7	1	7N-3218	2	WASHER-THRUST	

C-CHANGE FROM PREVIOUS TYPE
R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00673338

BASIC ENGINE

156-9844 COVER GP-ACCESSORY DRIVE

S/N: 2GR1180-UP

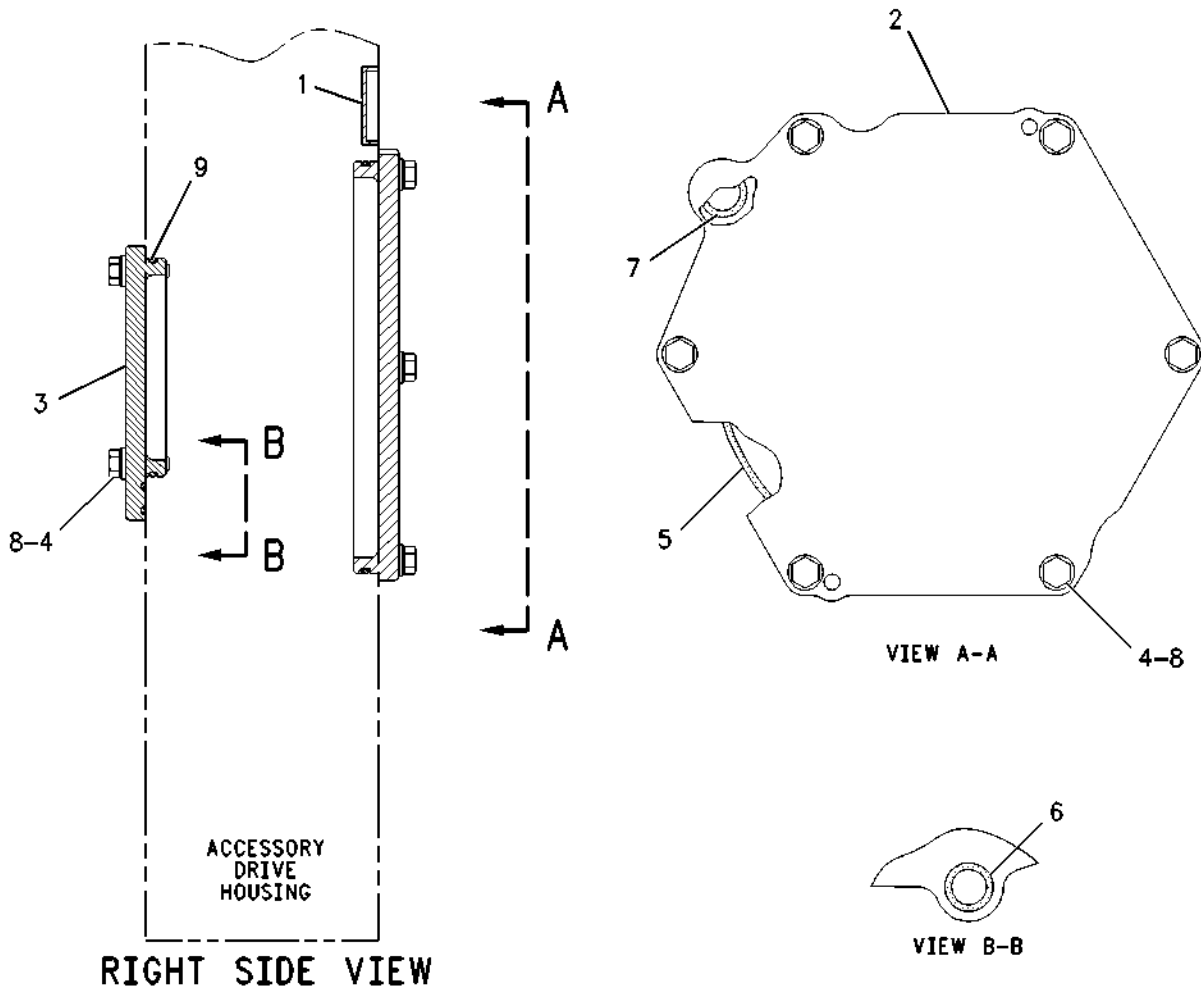
PART OF 155-5556 ENGINE AR

SMCS-1207

i01967651

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3P-1896	2	PLUG-CUP						
	2	1	7N-4951	2	COVER						
	3	1	7N-4952	2	COVER						
	4	1	1A-2029	20	BOLT (3/8-16X1.125 IN)						
	5	1	235-3546	2	SEAL-O-RING						
	6	1	5P-0840	2	SEAL-O-RING						
	7	1	6V-3348	2	SEAL-O-RING						
	8	1	5M-2894	20	WASHER-HARD (10.2X18.5X2.5MM THK)						
	9	1	235-3548	2	SEAL-O-RING						

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES



GRAPHIC #1

<END>

g00695208

BASIC ENGINE

104-4776 COVER GP-CYLINDER BLOCK

S/N: 2GR1180-UP

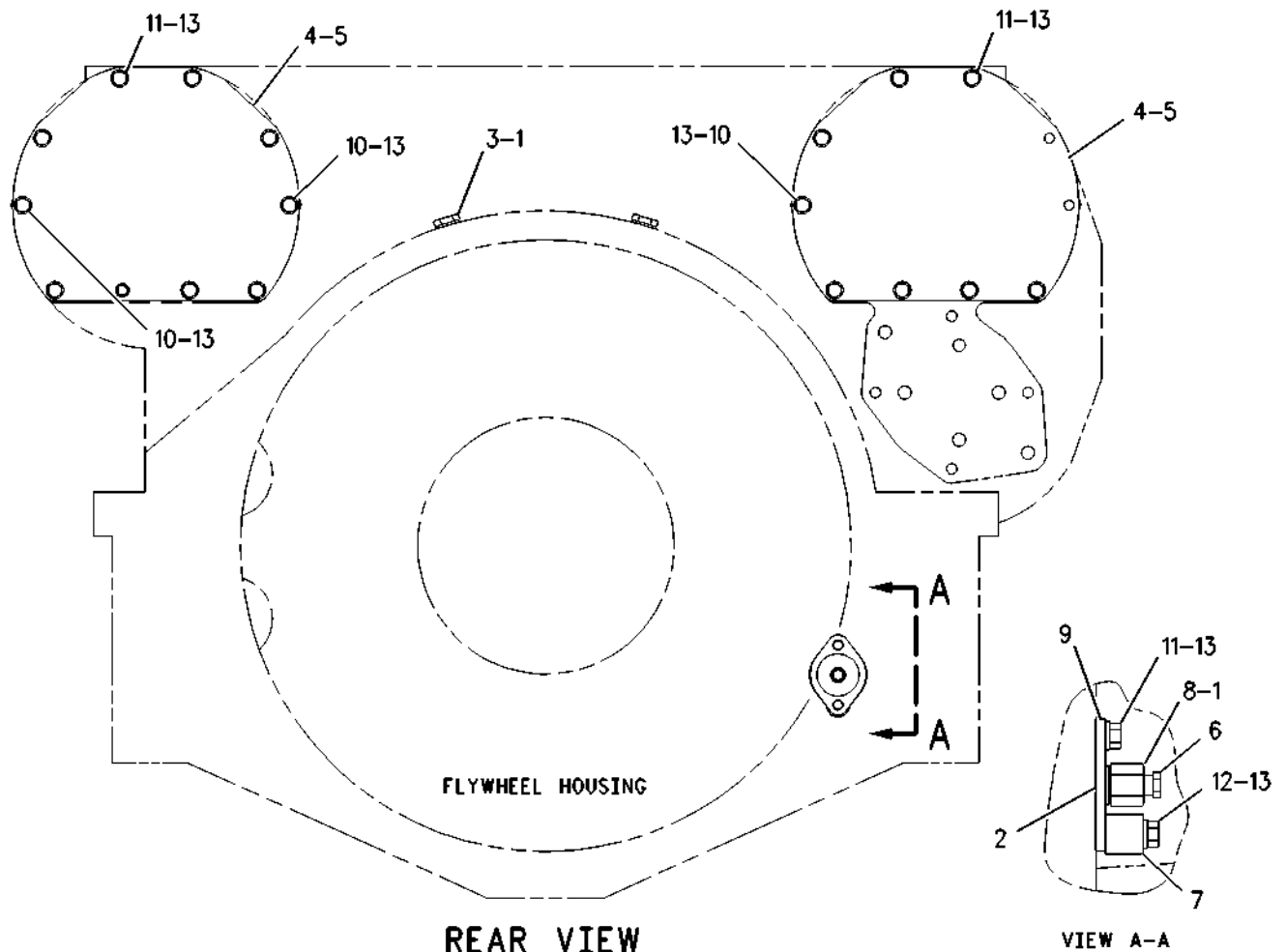
REAR STRUCTURE

PART OF 155-5556 ENGINE AR

SMCS-1201

i02029711

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4B-8407	3	GASKET						
	2	1	4N-0933	1	GASKET						
	3	1	5F-0304	2	PLUG-DRAIN (CYLINDER BLOCK)						
	4	1	7N-4319	2	COVER						
	5	1	7N-4320	2	GASKET						
	6	1	8T-6765	1	PLUG-PIPE						
	7	1	9L-4234	1	SPACER (.406X1X.962-IN THK)						
	8	1	104-4767	1	ADAPTER						
	9	1	104-4768	1	COVER						
	10	1	0S-1591	3	BOLT (3/8-16X1.5-IN)						
	11	1	0S-1594	15	BOLT (3/8-16X25.4-IN)						
	12	1	0T-0055	1	BOLT (3/8-16X4.25-IN)						
	13	1	5M-2894	19	WASHER-HARD (10.2X18.5X2.5-MM THK)						



REAR VIEW

VIEW A-A

GRAPHIC #1

<END>

g00802318

BASIC ENGINE

119-6288 COVER GP-CYLINDER BLOCK

S/N: 2GR1180-UP
CENTRAL STRUCTURE
PART OF 155-5556 ENGINE AR

SMCS-1201

i01719866

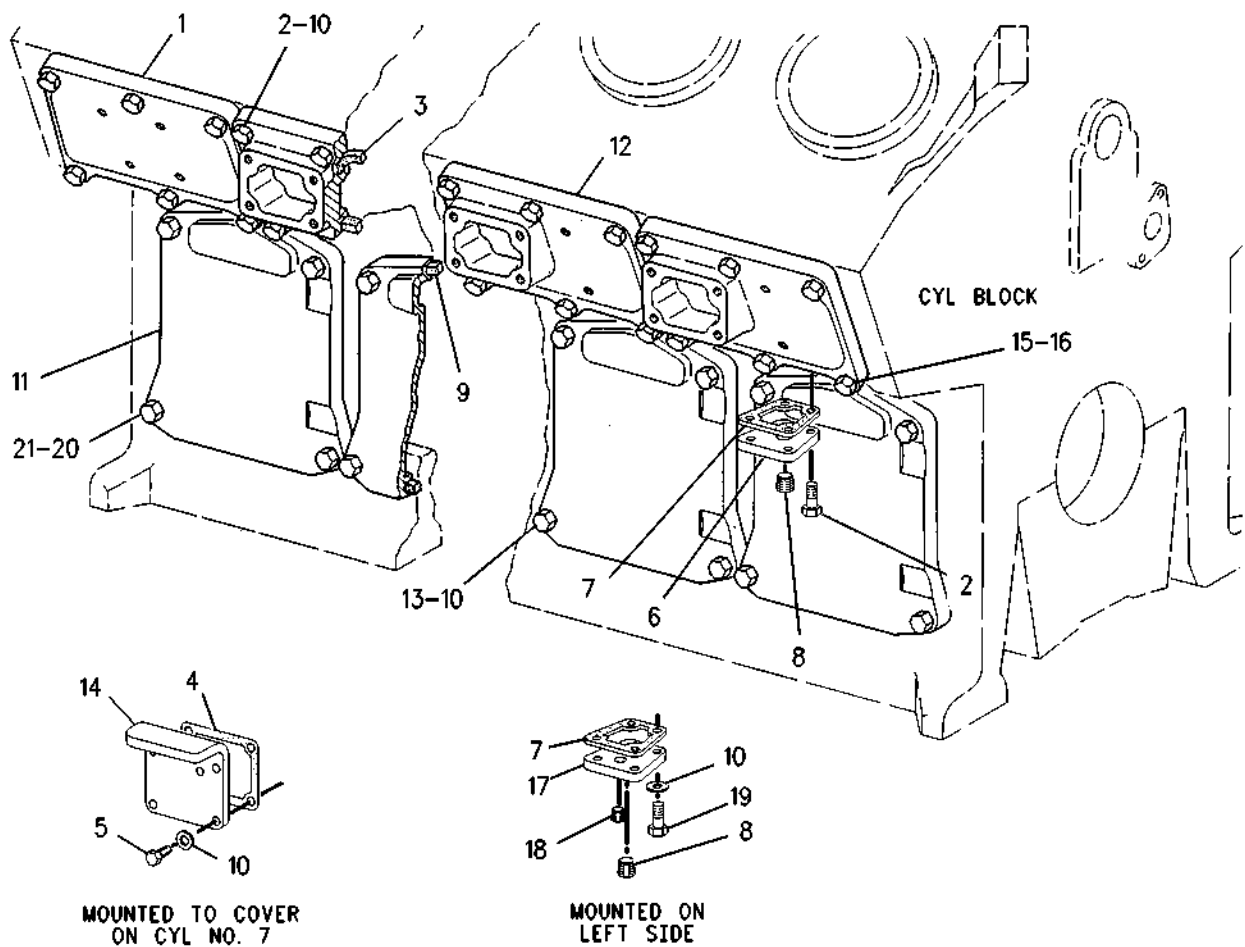
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8N-9992	4	COVER-CAMSHAFT						
	2	1	0S-1594	55	BOLT (3/8-16X1 IN)						
	3	1	208-2362	8	SEAL						
	4	1	2W-0752	1	GASKET						
	5	1	0S-1588	4	BOLT (3/8-16X1.25 IN)						
	6	1	7N-3298	2	COVER-BLOCK						
	7	1	7N-4945	3	GASKET						
	8	1	8T-6761	3	PLUG-PIPE						
	9	1	208-2363	8	SEAL						
	10	1	5M-2894	86	WASHER-HARD (10.2X18.5X2.5MM THK)						
	11	1	1N-2914	8	COVER-CYLINDER BLOCK SIDE						
	12	1	8N-9993	4	COVER-CAMSHAFT						
	13	1	9X-8872	31	BOLT-LOCKING (3/8-16X0.875 IN)						
	14	1	209-5218	1	BRACKET						
B	15	1	0S-1594	1	BOLT (3/8-16X1 IN)						
B	16	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5MM THK)						
	17	1	2W-7628	1	PLATE-DRAIN						
B	18	1	7X-7732	1	PLUG-PIPE						
	19	1	3B-1915	4	BOLT (3/8-16X1.37 IN)						
B	20	1	9X-8872	1	BOLT-LOCKING (3/8-16X0.875 IN)						
B	21	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5MM THK)						

B-USE AS REQUIRED

BASIC ENGINE

119-6288 COVER GP-CYLINDER BLOCK (contd.)

i01719866



GRAPHIC #1

<END>

g00609043

BASIC ENGINE

7W-2378 COVER GP-FRONT HOUSING

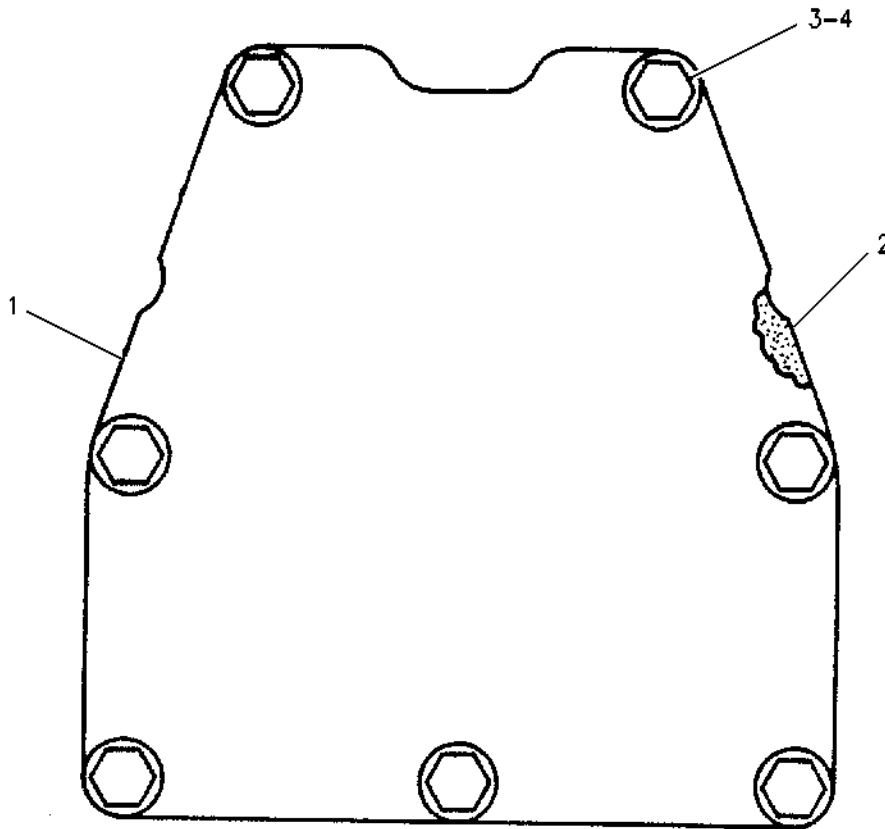
S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1151, 1162, 1166

i01334029

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-5285	1	COVER						
	2	1	8N-9885	1	GASKET-DRIVE HOUSING						
	3	1	1A-2029	7	BOLT (3/8-16X1.125 IN)						
	4	1	5M-2894	7	WASHER-HARD (2.5MM THK)						



GRAPHIC #1

<END>

g00705512

BASIC ENGINE

101-0831 COVER GP-VALVE MECHANISM

S/N: 2GR1180-UP

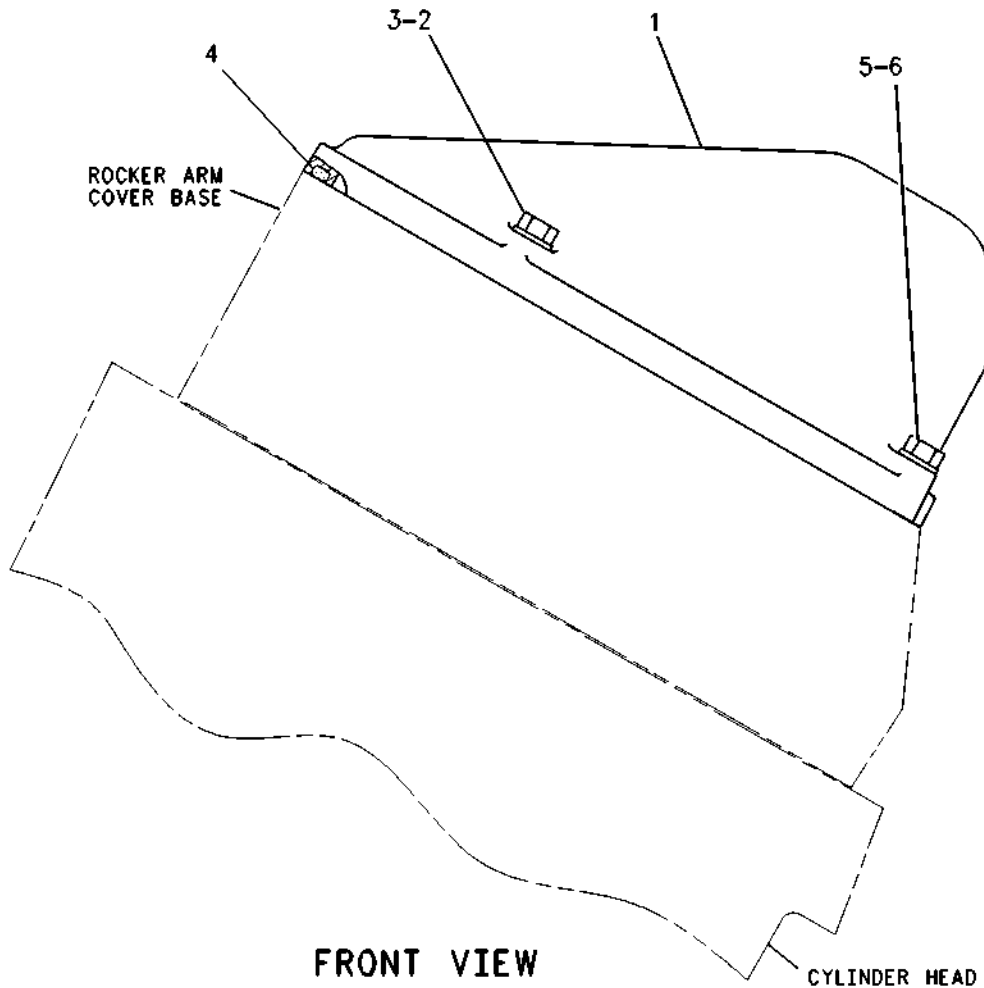
PART OF 155-5556 ENGINE AR

SMCS-1107, 1120

i01955596

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	101-4197	1	COVER						
	2	1	1A-9579	3	BOLT (5/16-18X1.5 IN)						
	3	1	9M-1974	3	WASHER-HARD (8.8X16X2MM THK)						
	4	1	208-2364	1	SEAL (VALVE COVER)						
B	5	1	1A-9579	1	BOLT (5/16-18X1.5 IN)						
B	6	1	9M-1974	1	WASHER-HARD (8.8X16X2MM THK)						

B-USE AS REQUIRED



FRONT VIEW

GRAPHIC #1

<END>

g00773092

BASIC ENGINE

101-0336 CRANKSHAFT GP

S/N: 2GR1180-2409

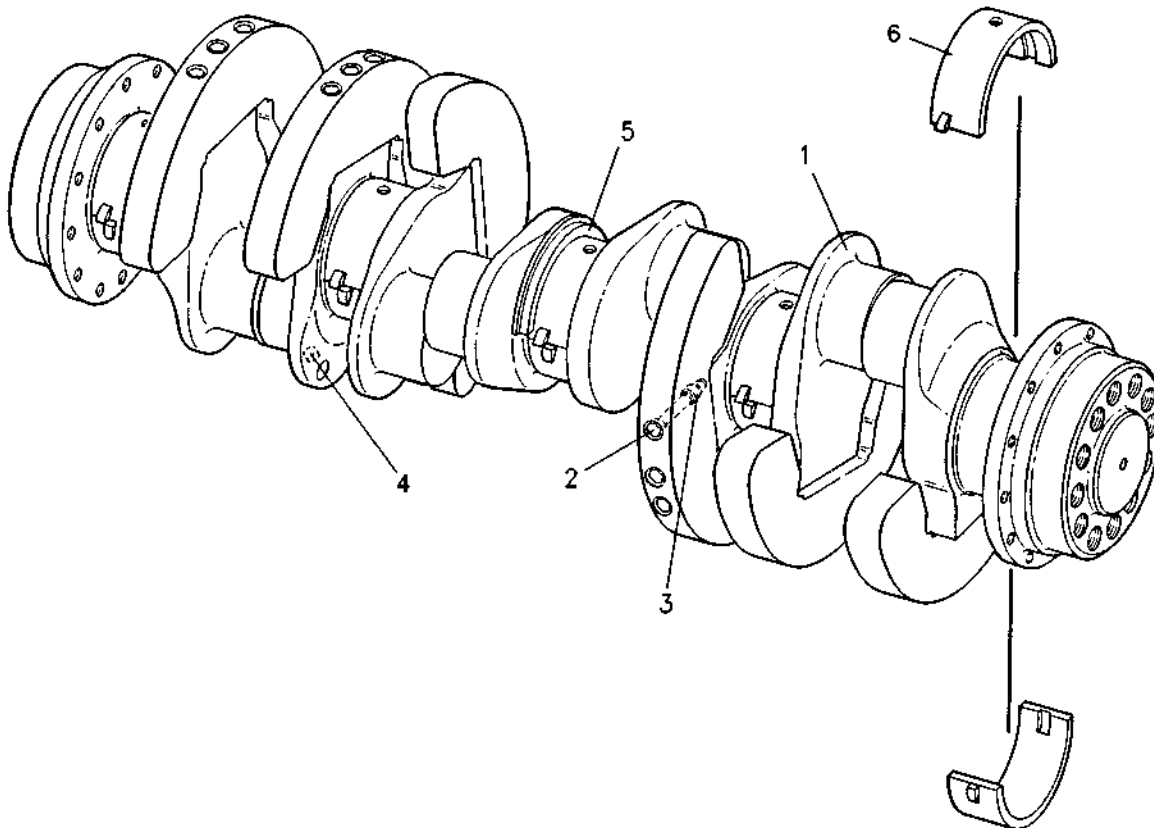
PART OF 155-5556 ENGINE AR

SMCS-1202, 1203, 1204, 1230, 1231, 1232

i00751453

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	152-7625	1	CRANKSHAFT AS						
	2	1	128-4845	18	BOLT AS						
	3	1	7N-2003	12	DOWEL						
	4	1	2W-2288	8	PLUG						
	5	1	7C-6209	2	PLATE - THRUST						
	6	1	105-0253	5	BEARING-MAIN						
A		1	105-0254	5	BEARING-MAIN (0.63MM US)						
A		1	105-0255	5	BEARING-MAIN (1.27MM US)						
A		1	105-0256	5	BEARING-MAIN (0.63MM OS)						
A		1	105-0257	5	BEARING-MAIN (0.63MM US-0.63MM OS)						

A-NOT PART OF THIS GROUP



GRAPHIC #1

<END>

g00338016

BASIC ENGINE

101-0336 CRANKSHAFT GP

S/N: 2GR2410-4648

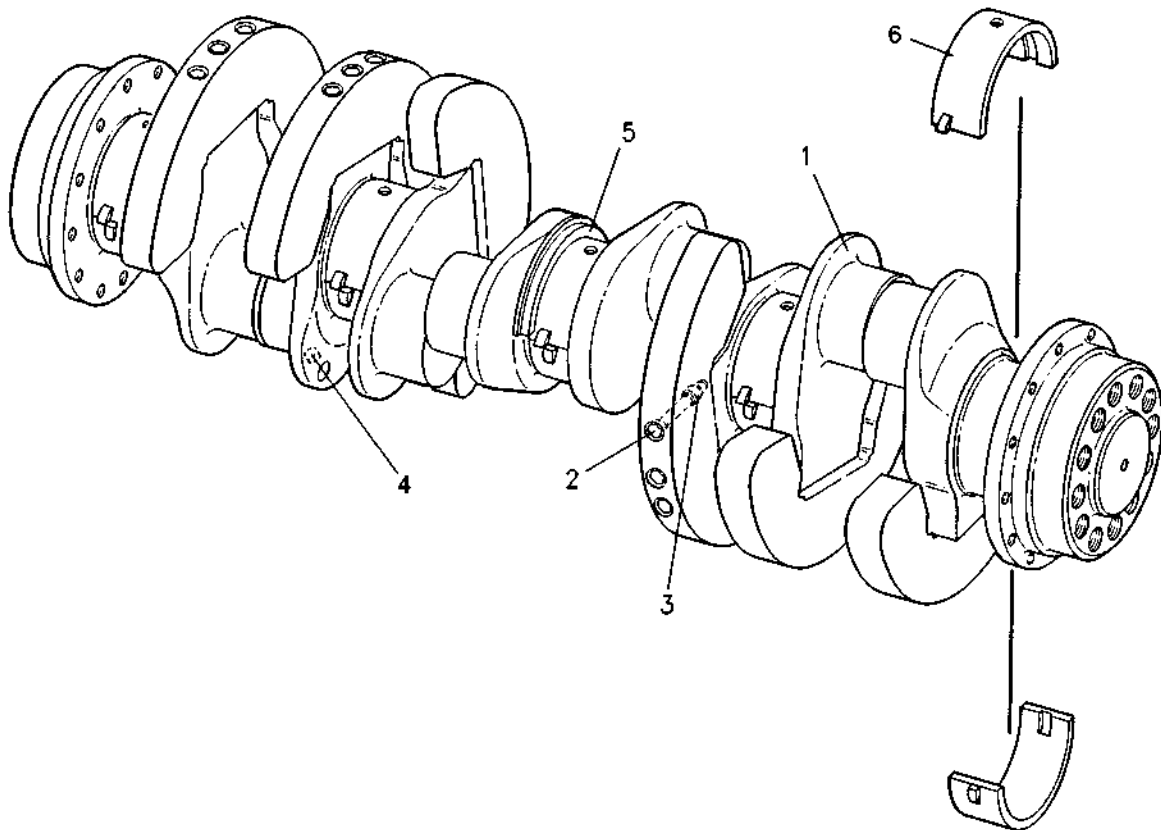
PART OF 155-5556 ENGINE AR

SMCS-1202, 1203, 1204, 1230, 1231, 1232

i01977597

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
R	1	1	152-7625	1	CRANKSHAFT AS	
	2	1	128-4845	18	BOLT AS	
	3	1	7N-2003	12	DOWEL	
	4	1	2W-2288	8	PLUG	
J	5	1	7C-6209	2	PLATE-THRUST	
CJ	6	1	149-6031	5	BEARING AS-MAIN (STANDARD)	
ABC		1	149-6032		BEARING-MAIN (0.63MM US ID)	
ABC		1	149-6033		BEARING-MAIN (1.27MM US ID)	
ABC		1	149-6034		BEARING-MAIN (0.63MM OS OD)	
ABC		1	149-6035		BEARING-MAIN (0.63MM US ID - 0.63MM OS OD)	
AVAILABLE REPAIR KIT(S):						
J			196-9527		KIT-MAIN BEARING (CRANKSHAFT)	

A-NOT PART OF THIS GROUP
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
J-KIT MARKED J INCLUDES PARTS MARKED J
R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00338016

BASIC ENGINE

241-0222 CRANKSHAFT GP

S/N: 2GR4649-UP

PART OF 155-5556 ENGINE AR

SMCS-1202, 1203, 1204, 1230, 1231, 1232

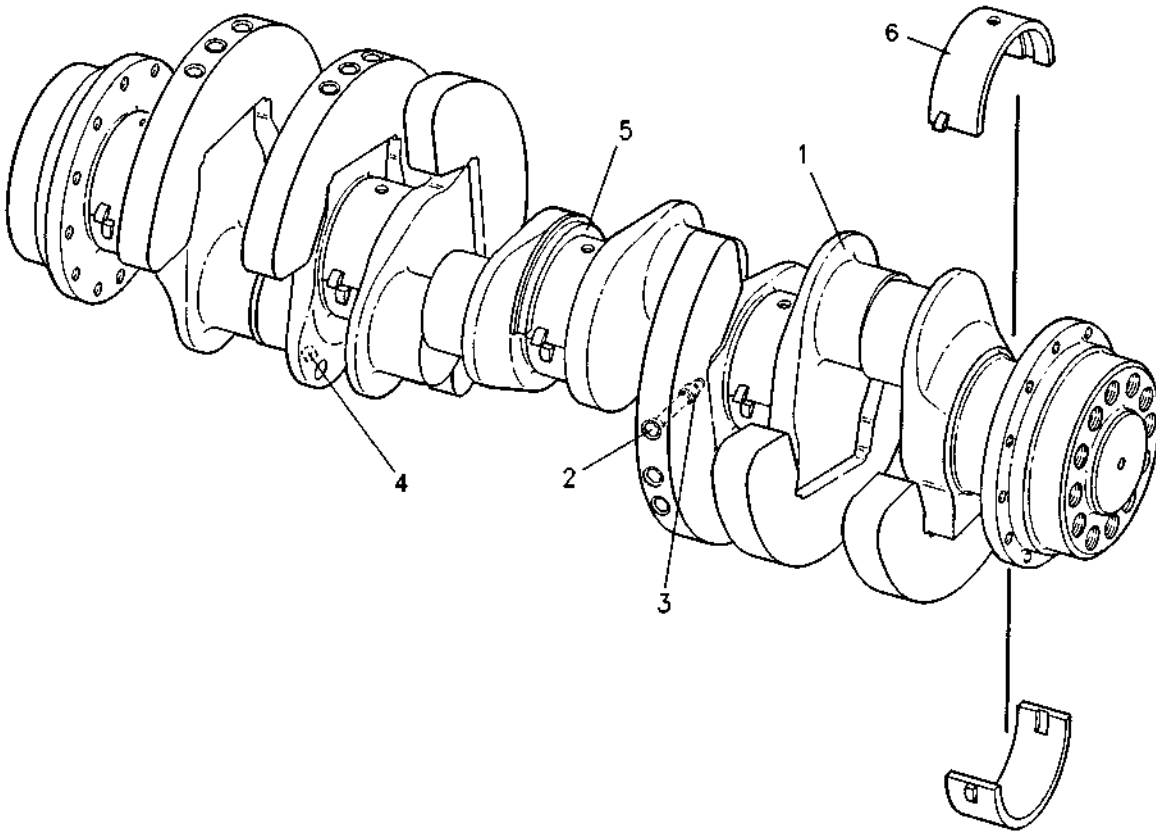
i01983478

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	241-0221	1	CRANKSHAFT AS	
	2	1	128-4845	18	BOLT AS	
	3	1	7N-2003	12	DOWEL	
	4	1	2W-2288	8	PLUG	
J	5	1	7C-6209	2	PLATE-THRUST	
J	6	1	149-6031	5	BEARING AS-MAIN (STANDARD)	
AB		1	149-6032		BEARING-MAIN (0.63MM US ID)	
AB		1	149-6033		BEARING-MAIN (1.27MM US ID)	
AB		1	149-6034		BEARING-MAIN (0.63MM OS OD)	
AB		1	149-6035		BEARING-MAIN (0.63MM US ID - 0.63MM OS OD)	
AVAILABLE REPAIR KIT(S):						
J			196-9527		KIT-MAIN BEARING (CRANKSHAFT)	

A - NOT PART OF THIS GROUP

B - USE AS REQUIRED

J - KIT MARKED J INCLUDES PARTS MARKED J



GRAPHIC #1

<END>

g00338016

BASIC ENGINE

101-1171 CYLINDER BLOCK AS

S/N: 2GR1180-UP

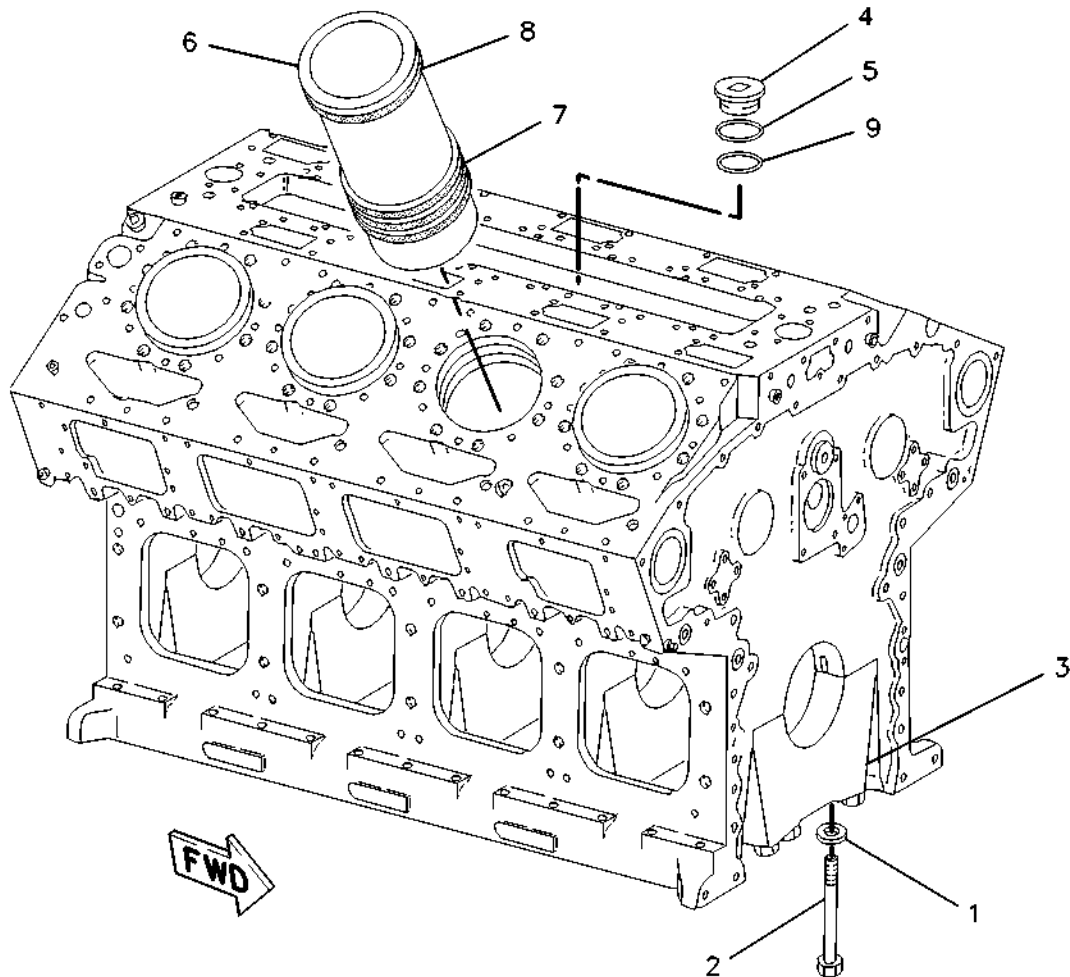
PART OF 101-0827, 237-7957 CYLINDER BLOCK GP

FIELD REPLACEMENT ORDER 115-3503-PAGE 25

SMCS-1117, 1201, 1211, 1216, 1217, 1221, 1222, 1223,
1224, 1238, 1239, 1240, 1331

i01967341

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-8249	20	WASHER-HARD (24X41.5X4MM THK)						
	2	1	7X-7925	20	BOLT (7/8-14X11 IN)						
	3	1	223-1696	5	CAP-CRANKSHAFT BEARING						
	4	1	4W-4813	1	PLUG						
	5	1	8T-2929	1	SEAL-O-RING						
	6	1	211-7826	8	LINER-CYLINDER						
	7	1	7N-2046	24	SEAL-O-RING						
	8	1	8N-4707	8	BAND-FILLER						
	9	1	8T-2928	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00728242

BASIC ENGINE

106-2778 CYLINDER BLOCK AS

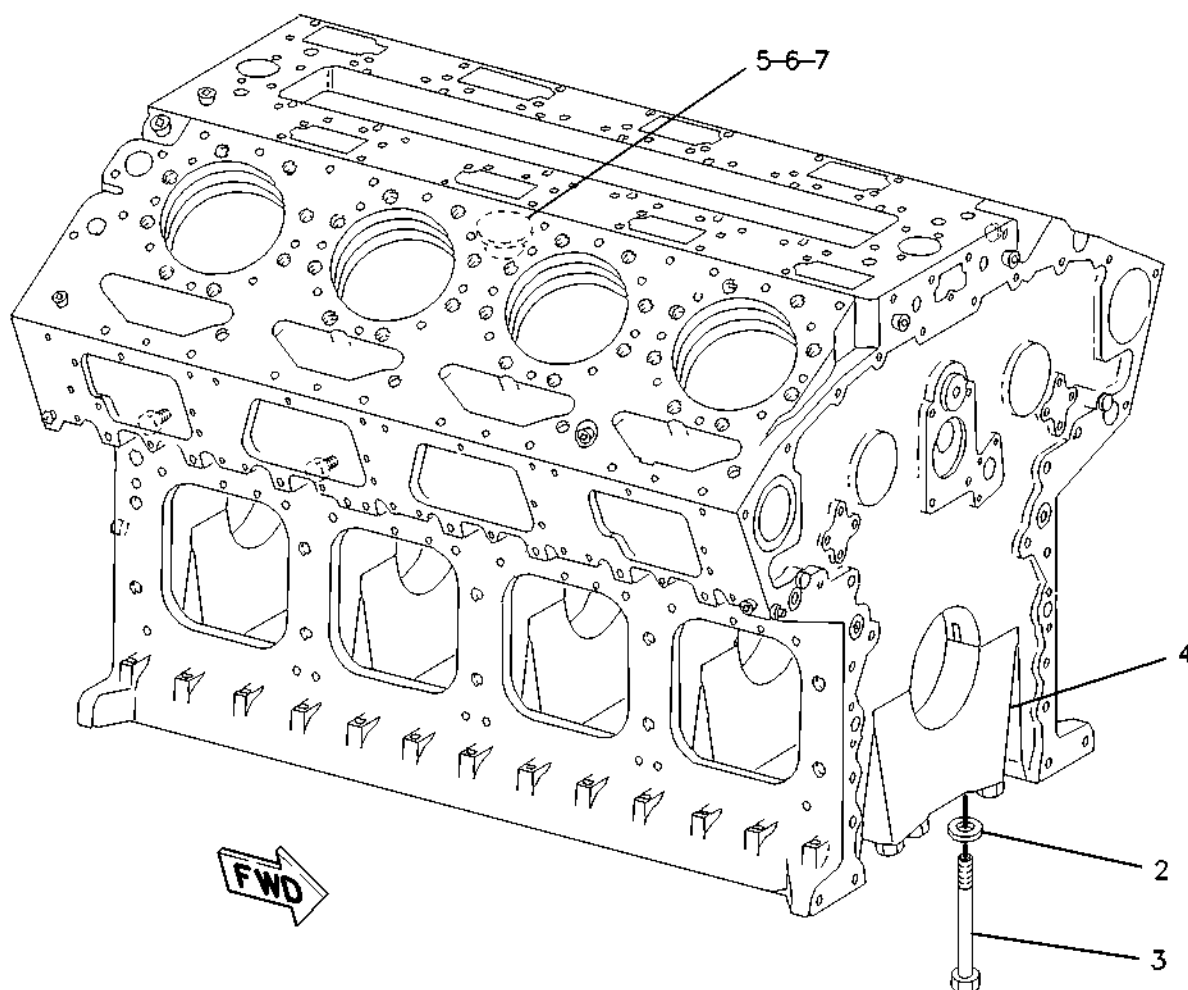
S/N: 2GR1180-UP

PART OF 115-3503 CYLINDER BLOCK GP

SMCS-1117, 1201, 1211, 1216, 1217, 1221, 1222, 1223,
1224, 1238, 1239, 1240, 1331

i01909379

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	2	1	5P-8249	20	WASHER-HARD (24X41.5X4MM THK)						
	3	1	7X-7925	20	BOLT (7/8-14X11 IN)						
	4	1	9Y-9175	5	CAP-CRANKSHAFT BEARING						
	5	1	4W-4813	1	PLUG						
	6	1	8T-2929	1	SEAL-O-RING						
	7	1	8T-2928	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00994931

BASIC ENGINE

101-0827 CYLINDER BLOCK GP

S/N: 2GR1180-2334

PART OF 155-5556 ENGINE AR

SMCS-1201

i01420591

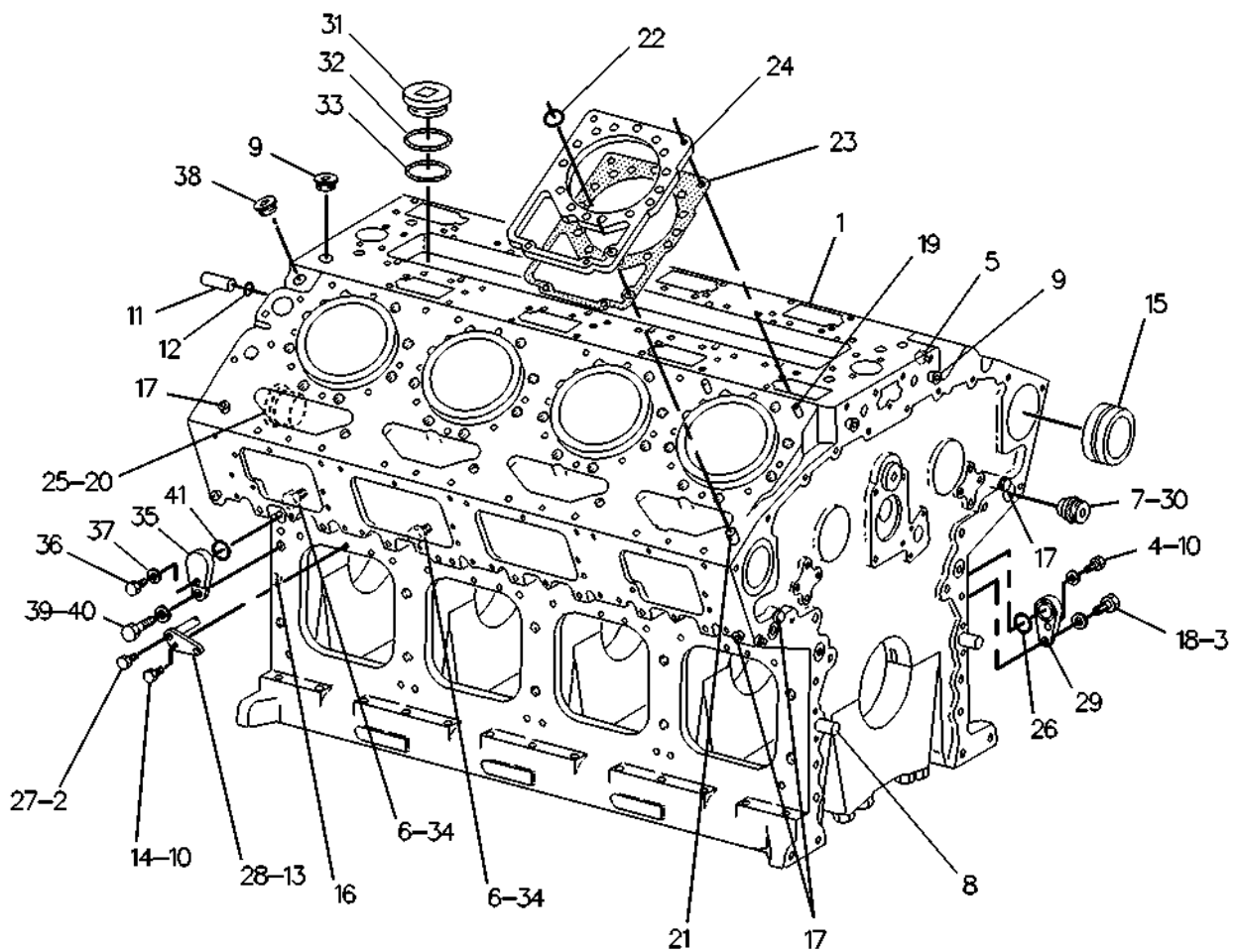
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	101-1171	1	CYLINDER BLOCK AS	19
	2	1	9M-1974	8	WASHER-HARD (8.8X16X2MM THK)	
	3	1	5P-8245	1	WASHER-HARD (13.5X25.5X3MM THK)	
	4	1	1A-2029	1	BOLT (3/8-16X1.125 IN)	
B	5	1	7X-7731	1	PLUG-PIPE	
	6	1	9S-4191	6	PLUG-O-RING	
	7	1	2W-2940	8	PLUG-OIL MANIFOLD	
	8	1	7N-2044	2	DOWEL	
	9	1	8T-6762	4	PLUG-PIPE	
	10	1	5M-2894	9	WASHER-HARD (10.2X18.5X2.5MM THK)	
	11	1	7N-2047	3	DOWEL	
	12	1	7X-4805	3	SEAL-O-RING (9.12MM ID)	
	13	1	116-3253	8	TUBE AS-OIL JET	
	14	1	0T-0102	8	BOLT (3/8-16X0.625 IN)	
	15	1	101-1198	10	BEARING-CAMSHAFT	
	16	1	4N-0683	2	DOWEL	
	17	1	8T-6763	16	PLUG-PIPE	
	18	1	0S-1595	1	BOLT (1/2-13X1.25 IN)	
	19	1	8T-0099	16	DOWEL	
	20	1	7N-5641	2	PLUG-MANIFOLD	
	21	1	7N-2049	8	DOWEL	
	22	1	5P-0840	16	SEAL-O-RING (12.29MM ID)	
	23	1	144-5692	8	GASKET-PLATE	
	24	1	110-6994	8	PLATE-SPACER	
	25	1	5F-9657	4	SEAL-O-RING (36.09MM ID)	
	26	1	5P-8210	1	SEAL-O-RING (31.34MM ID)	
	27	1	1B-2790	8	BOLT (5/16-18X1.375 IN)	
	28	1	7C-3722	8	RETAINER AS-JET	
					(EACH INCLUDES)	
		1	6V-3537	1	DOWEL	
	29	1	8N-8056	1	COVER	
	30	1	6V-3348	8	SEAL-O-RING (18.42MM ID)	
	31	1	4W-4813	1	PLUG	
	32	1	8T-2929	1	SEAL-O-RING (63.2MM ID)	
	33	1	8T-2928	1	SEAL-O-RING (53.1MM ID)	
	34	1	033-6042	6	SEAL-O-RING (11.89MM ID)	
B	35	1	8N-8056	1	COVER	
B	36	1	1A-2029	1	BOLT (3/8-16X1.125 IN)	
B	37	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5MM THK)	
	38	1	7X-7731	1	PLUG-PIPE	
B	39	1	5P-8245	1	WASHER-HARD (13.5X25.5X3MM THK)	
B	40	1	0S-1595	1	BOLT (1/2-13X1.25 IN)	
B	41	1	5P-8210	1	SEAL-O-RING (31.34MM ID)	

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

101-0827 CYLINDER BLOCK GP (contd.)

i01420591



GRAPHIC #1

<END>

g00086042

BASIC ENGINE

101-0827 CYLINDER BLOCK GP

S/N: 2GR2335-4492, 4494-4517

PART OF 155-5556 ENGINE AR

SMCS-1201

i01661313

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	101-1171	1	CYLINDER BLOCK AS	19
	2	1	9M-1974	8	WASHER-HARD (8.8X16X2MM THK)	
	3	1	5P-8245	1	WASHER-HARD (13.5X25.5X3MM THK)	
	4	1	1A-2029	1	BOLT (3/8-16X1.125 IN)	
B	5	1	7X-7731	1	PLUG-PIPE (3/4-14 NPTF THD)	
	6	1	9S-4191	6	PLUG	
	7	1	2W-2940	8	PLUG-OIL MANIFOLD	
	8	1	7N-2044	2	DOWEL	
	9	1	8T-6762	4	PLUG-PIPE	
	10	1	5M-2894	9	WASHER-HARD (10.2X18.5X2.5MM THK)	
	11	1	7N-2047	3	DOWEL	
	12	1	7X-4805	3	SEAL-O-RING	
	13	1	116-3253	8	TUBE AS-OIL JET	
	14	1	0T-0102	8	BOLT (3/8-16X0.625 IN)	
	15	1	101-1198	10	BEARING-CAMSHAFT	
	16	1	4N-0683	2	DOWEL	
C	17	1	8T-6763	17	PLUG-PIPE	
	18	1	0S-1595	1	BOLT (1/2-13X1.25 IN)	
	19	1	8T-0099	16	DOWEL	
	20	1	7N-5641	2	PLUG-MANIFOLD	
	21	1	7N-2049	8	DOWEL	
	22	1	5P-0840	16	SEAL-O-RING	
	23	1	144-5692	8	GASKET-PLATE	
	24	1	110-6994	8	PLATE-SPACER	
	25	1	5F-9657	4	SEAL-O-RING	
	26	1	5P-8210	1	SEAL-O-RING	
	27	1	7X-7731	1	PLUG-PIPE (3/4-14 NPTF THD)	
	28	1	4W-4813	1	PLUG	
	29	1	8N-8056	1	COVER	
	30	1	6V-3348	8	SEAL-O-RING	
	31	1	7C-3722	8	RETAINER AS-JET	
					(EACH INCLUDES)	
		1	6V-3537	1	DOWEL	
	32	1	1B-2790	8	BOLT (5/16-18X1.375 IN)	
	33	1	8T-2929	1	SEAL-O-RING	
	34	1	033-6042	6	SEAL-O-RING	
	35	1	8T-2928	1	SEAL-O-RING	
B	36	1	8N-8056	1	COVER	
B	37	1	1A-2029	1	BOLT (3/8-16X1.125 IN)	
B	38	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5MM THK)	
B	39	1	5P-8245	1	WASHER-HARD (13.5X25.5X3MM THK)	
B	40	1	0S-1595	1	BOLT (1/2-13X1.25 IN)	
B	41	1	5P-8210	1	SEAL-O-RING	
B	42	1	8T-6763	1	PLUG-PIPE	

B-USE AS REQUIRED

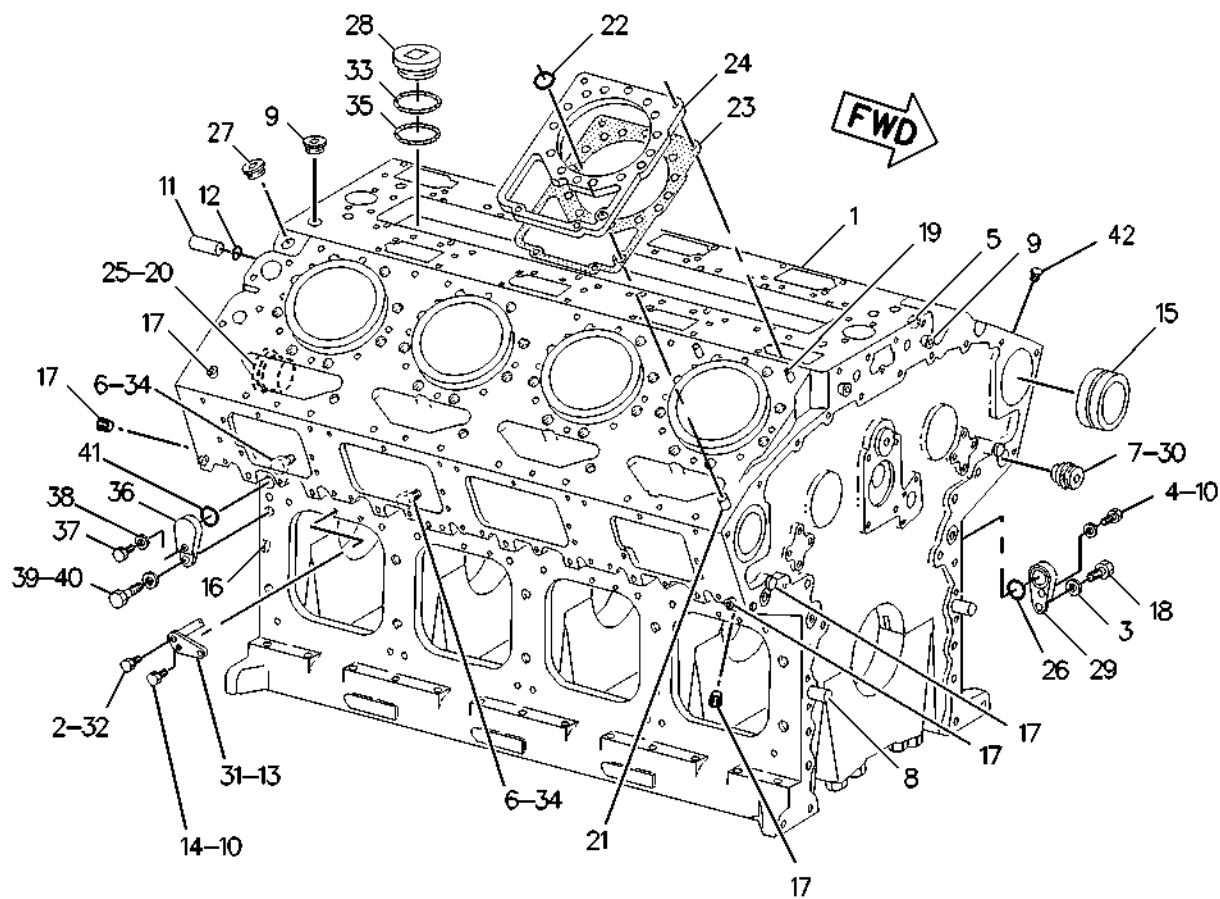
C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

101-0827 CYLINDER BLOCK GP (contd.)

i01661313



GRAPHIC #1

<END>

g00810669

BASIC ENGINE

115-3503 CYLINDER BLOCK GP

S/N: 2GR1180-UP

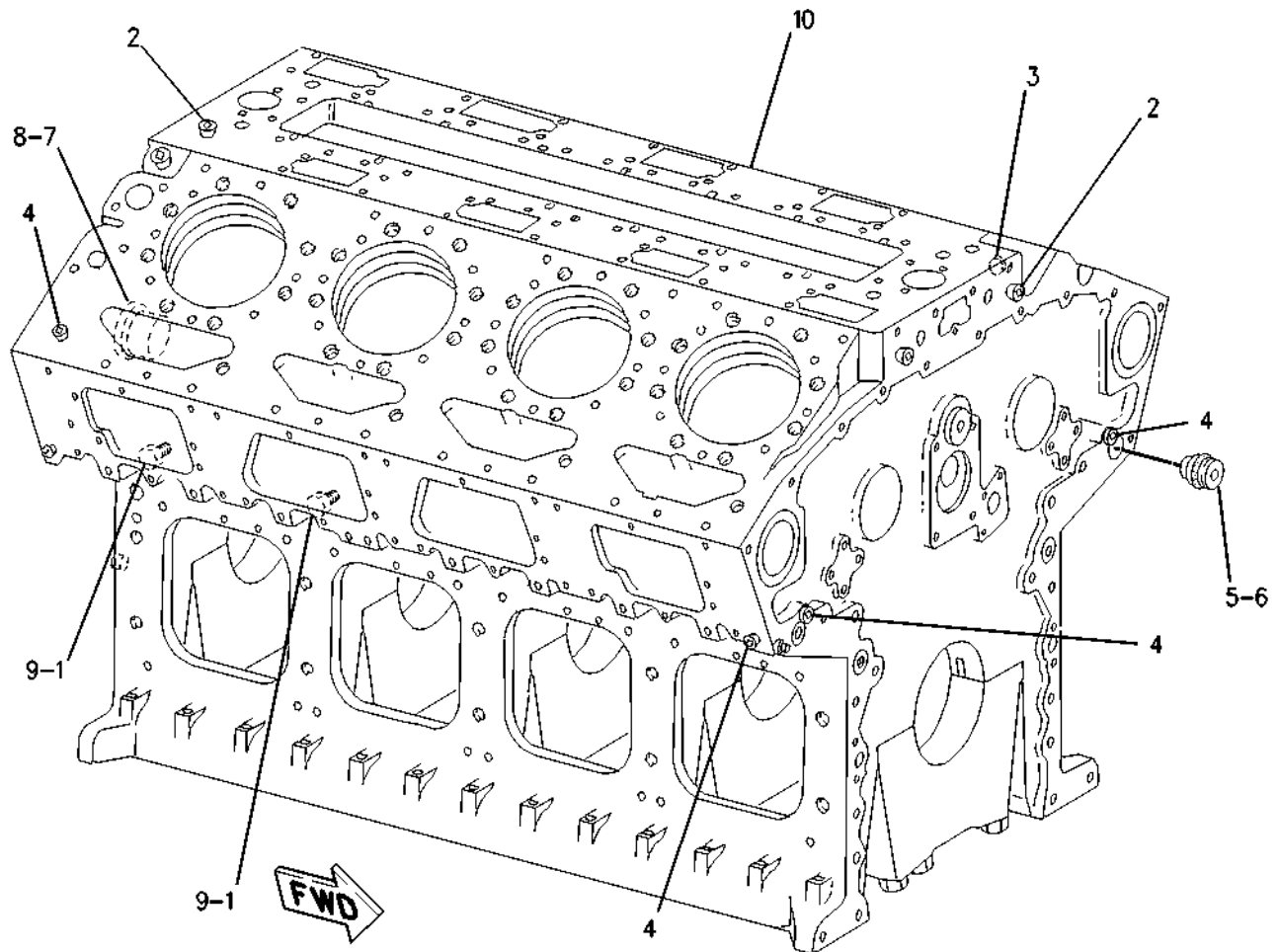
FIELD REPLACEMENT FOR 101-1171—PAGE 19

SMCS-1201

i01909884

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	9S-4191	6	PLUG (9/16-18 THD)	
	2	1	8T-6762	4	PLUG-PIPE	
	3	1	7X-7731	2	PLUG-PIPE	
	4	1	8T-6763	18	PLUG-PIPE	
	5	1	2W-2940	8	PLUG-OIL MANIFOLD	
	6	1	6V-3348	8	SEAL-O-RING	
	7	1	7N-5641	2	PLUG-MANIFOLD	
	8	1	5F-9657	4	SEAL-O-RING	
	9	1	033-6042	6	SEAL-O-RING	
Y	10	1	106-2778	1	CYLINDER BLOCK AS	20

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00995238

BASIC ENGINE

237-7957 CYLINDER BLOCK GP

S/N: 2GR4493, 4518-UP
PART OF 155-5556 ENGINE AR

SMCS-1201

i01933174

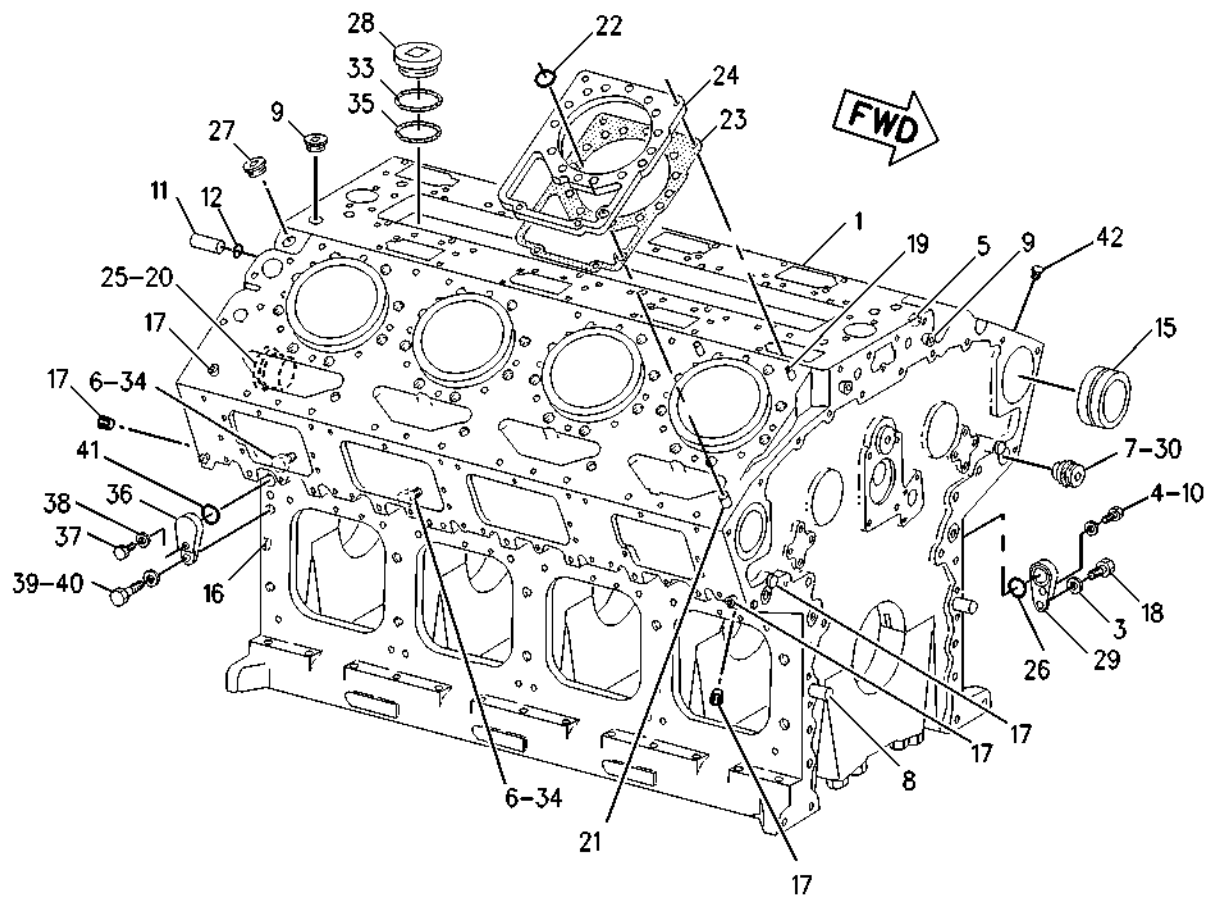
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	101-1171	1	CYLINDER BLOCK AS	19
	3	1	5P-8245	1	WASHER-HARD (13.5X25.5X3MM THK)	
	4	1	1A-2029	1	BOLT (3/8-16X1.125 IN)	
B	5	1	7X-7731	1	PLUG-PIPE	
	6	1	9S-4191	6	PLUG	
	7	1	2W-2940	8	PLUG-OIL MANIFOLD	
	8	1	7N-2044	2	DOWEL	
	9	1	8T-6762	4	PLUG-PIPE	
	10	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5MM THK)	
	11	1	7N-2047	3	DOWEL	
	12	1	7X-4805	3	SEAL-O-RING	
	15	1	101-1198	10	BEARING-CAMSHAFT	
	16	1	4N-0683	2	DOWEL	
	17	1	8T-6763	17	PLUG-PIPE	
	18	1	0S-1595	1	BOLT (1/2-13X1.25 IN)	
	19	1	8T-0099	16	DOWEL	
	20	1	7N-5641	2	PLUG-MANIFOLD	
	21	1	7N-2049	8	DOWEL	
	22	1	5P-0840	16	SEAL-O-RING	
	23	1	144-5692	8	GASKET-PLATE	
	24	1	110-6994	8	PLATE-SPACER	
	25	1	5F-9657	4	SEAL-O-RING	
	26	1	5P-8210	1	SEAL-O-RING	
	27	1	7X-7731	1	PLUG-PIPE	
	28	1	4W-4813	1	PLUG	
	29	1	8N-8056	1	COVER	
	30	1	6V-3348	8	SEAL-O-RING	
	33	1	8T-2929	1	SEAL-O-RING	
	34	1	033-6042	6	SEAL-O-RING	
	35	1	8T-2928	1	SEAL-O-RING	
B	36	1	8N-8056	1	COVER	
B	37	1	1A-2029	1	BOLT (3/8-16X1.125 IN)	
B	38	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5MM THK)	
B	39	1	5P-8245	1	WASHER-HARD (13.5X25.5X3MM THK)	
B	40	1	0S-1595	1	BOLT (1/2-13X1.25 IN)	
B	41	1	5P-8210	1	SEAL-O-RING	
B	42	1	8T-6763	1	PLUG-PIPE	

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

237-7957 CYLINDER BLOCK GP (contd.)

i01933174



GRAPHIC #1

<END>

g01005738

BASIC ENGINE

154-1612 CYLINDER HEAD AS

S/N: 2GR1180-UP

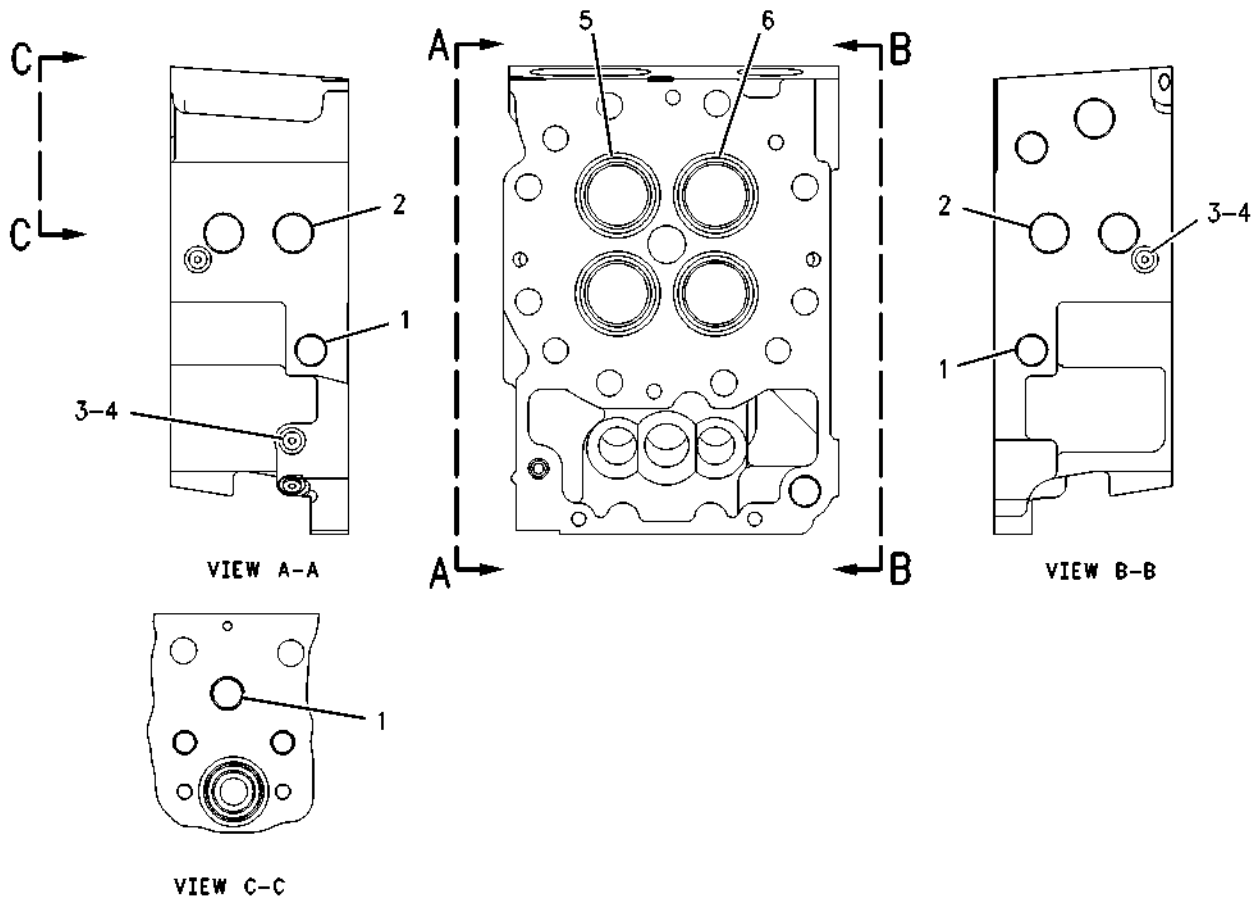
PART OF 161-2508, 242-5328 CYLINDER HEAD AS, 145-3216, 201-4257 CYLINDER HEAD GP
FIELD REPLACEMENT ORDER 242-5328-PAGE 30

SMCS-1100, 1101, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

i01925366

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3B-0623	5	PLUG-CUP	
	2	1	3B-0645	5	PLUG-CUP	
	3	1	3J-7354	4	SEAL-O-RING	
	4	1	9S-8002	4	PLUG	
	5	1	130-2607	2	INSERT-VALVE SEAT (INLET) (STANDARD)	
AB		1	149-1981		INSERT-VALVE SEAT (INLET) (0.508MM OS)	
	6	1	130-2608	2	INSERT-VALVE SEAT (EXHAUST) (STANDARD)	
AB		1	166-5945		INSERT-VALVE SEAT (EXHAUST) (0.508MM OS)	

A- NOT PART OF THIS GROUP
B- USE AS REQUIRED



GRAPHIC #1

<END>

g00358157

BASIC ENGINE

161-2508 CYLINDER HEAD AS*R

S/N: 2GR1180-UP

FIELD REPLACEMENT FOR 154-1612-PAGE 28. REPLACED BY 242-5328-PAGE 30

SMCS-1100, 1101, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

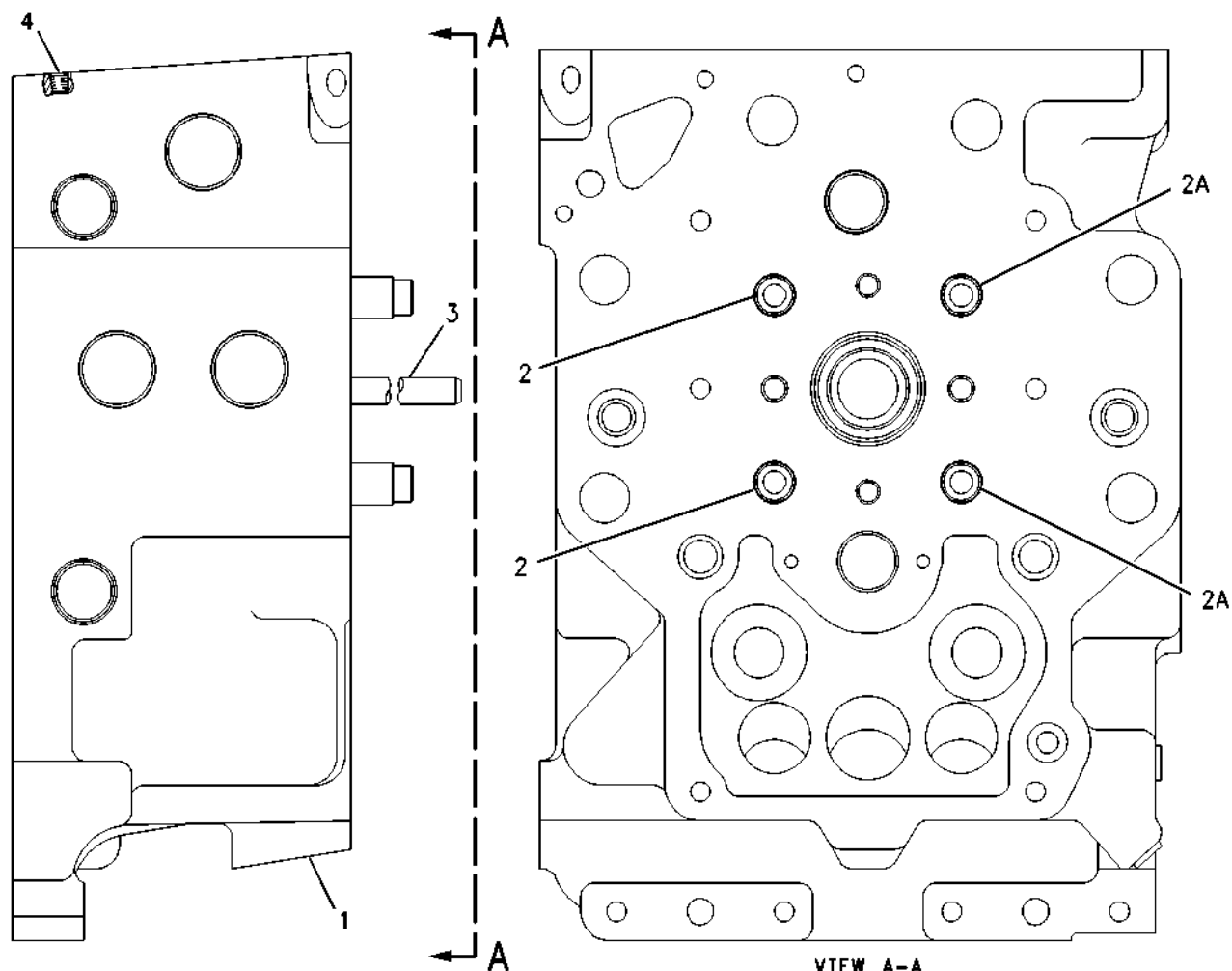
i01514940

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	154-1612	1	CYLINDER HEAD AS	28
	2	1	133-9306	2	GUIDE-VALVE (EXHAUST)	
AB		1	149-1982		GUIDE-VALVE (0.508MM OS OD) (EXHAUST)	
AB		1	166-5944		GUIDE-VALVE (0.127MM OS OD) (EXHAUST)	
	2A	1	133-9306	2	GUIDE-VALVE (INLET)	
AB		1	149-1982		GUIDE-VALVE (0.508MM OS OD) (INLET)	
AB		1	166-5944		GUIDE-VALVE (0.127MM OS OD) (INLET)	
	3	1	7N-1902	2	DOWEL	
	4	1	8T-6759	1	PLUG-PIPE	

A-NOT PART OF THIS GROUP

B-USE AS REQUIRED

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00787167

BASIC ENGINE

242-5328 CYLINDER HEAD AS

S/N: 2GR1180-UP

FIELD REPLACEMENT FOR 154-1612—PAGE 28

SMCS-1100, 1101, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

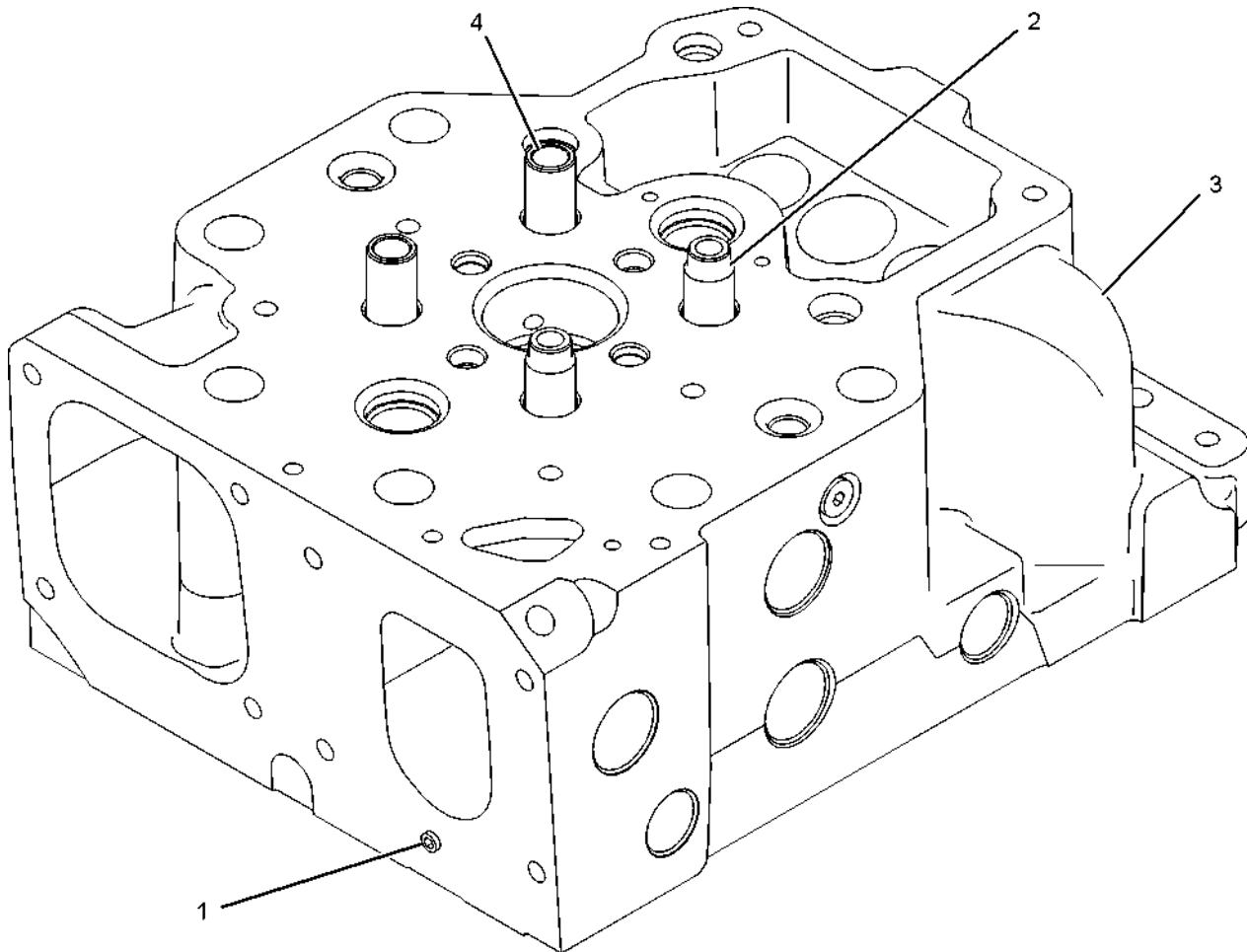
i01990729

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-6757	1	PLUG-PIPE						
	2	1	133-9306	2	GUIDE-VALVE (EXHAUST)						
AB		1	149-1982		GUIDE-VALVE (0.508MM OS OD)						
AB		1	166-5944		GUIDE-VALVE (0.127MM OS OD)						
Y	3	1	154-1612	1	CYLINDER HEAD AS						28
	4	1	197-6995	2	GUIDE-VALVE (INLET)						

A-NOT PART OF THIS GROUP

B-USE AS REQUIRED

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01036730

BASIC ENGINE

101-0830 CYLINDER HEAD GP

S/N: 2GR1180-4627

PART OF 155-5556 ENGINE AR

SMCS-1100, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

i01961187

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	5B-7890	1	PLUG-PIPE	
CYR	2	1	145-3216	1	CYLINDER HEAD GP	35
	3	1	131-0420	6	FASTENER GP-CYLINDER HEAD (EACH INCLUDES)	
		1	187-7738	1	WASHER-HARD (21X36.5X3.5MM THK)	
		1	7N-1961	1	BOLT-12 POINT HEAD (3/4-16X8.5 IN)	
	4	1	131-0421	2	FASTENER GP-CYLINDER HEAD (EACH INCLUDES)	
		1	187-7738	1	WASHER-HARD (21X36.5X3.5MM THK)	
		1	7N-1961	1	BOLT-12 POINT HEAD (3/4-16X8.5 IN)	
		1	9Y-0635	1	SPACER (19.35X30.18X45MM THK)	
	5	1	204-5427	4	SEAL	
	6	1	5B-0213	2	BOLT (3/8-16 X 2.375 IN)	
	7	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5MM THK)	
	8	1	110-6991	1	GASKET-CYLINDER HEAD	
	9	1	204-5426	4	SEAL	

B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE

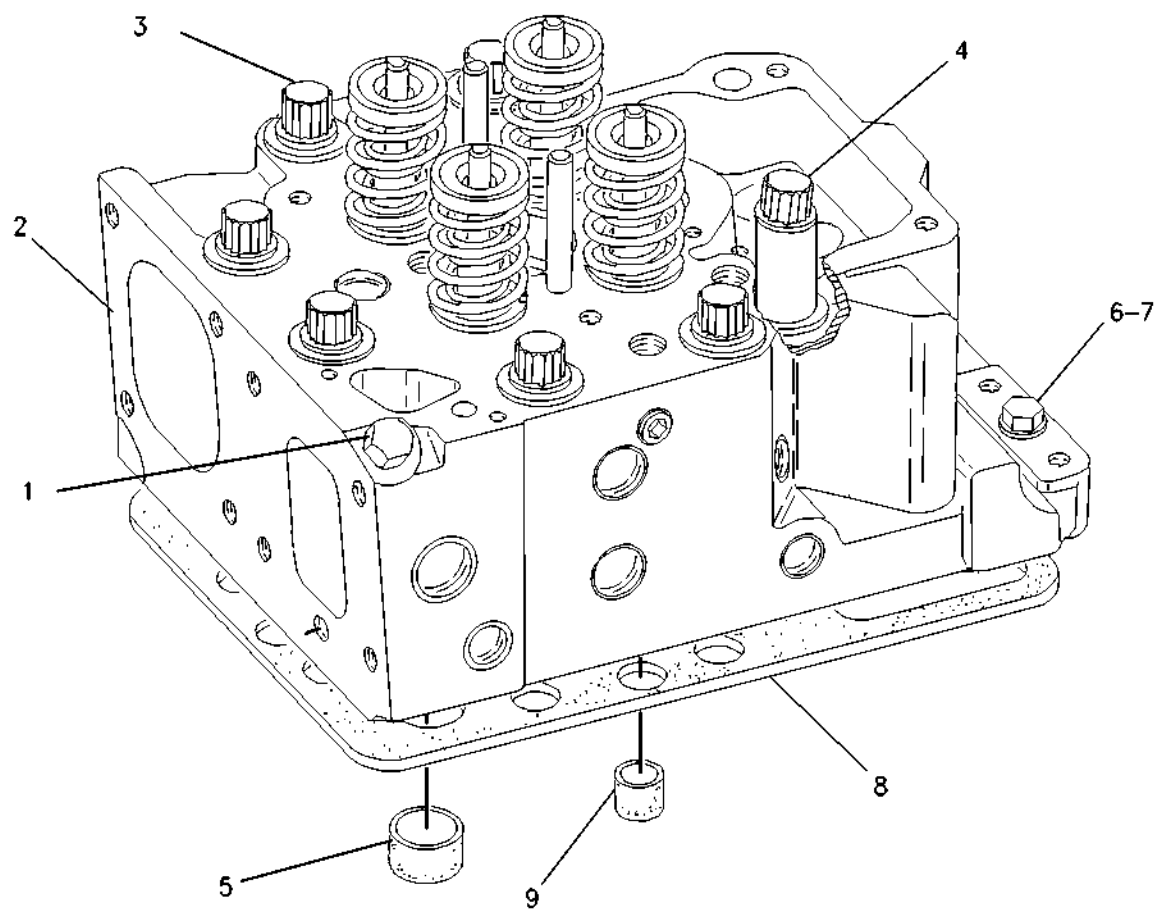
R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

101-0830 CYLINDER HEAD GP (contd.)

i01961187



GRAPHIC #1

<END>

g00903072

BASIC ENGINE

101-0830 CYLINDER HEAD GP

S/N: 2GR4628-UP

PART OF 155-5556 ENGINE AR

SMCS-1100, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

i01958937

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	5B-7890	1	PLUG-PIPE	
CY	2	1	201-4257	1	CYLINDER HEAD GP	37
	3	1	131-0420	6	FASTENER GP-CYLINDER HEAD (EACH INCLUDES)	
		1	187-7738	1	WASHER-HARD (21X36.5X3.5MM THK)	
		1	7N-1961	1	BOLT-12 POINT HEAD (3/4-16X8.5 IN)	
	4	1	131-0421	2	FASTENER GP-CYLINDER HEAD (EACH INCLUDES)	
		1	187-7738	1	WASHER-HARD (21X36.5X3.5MM THK)	
		1	7N-1961	1	BOLT-12 POINT HEAD (3/4-16X8.5 IN)	
		1	9Y-0635	1	SPACER (19.35X30.18X45MM THK)	
	5	1	204-5427	4	SEAL	
	6	1	5B-0213	2	BOLT (3/8-16 X 2.375 IN)	
	7	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5MM THK)	
	8	1	110-6991	1	GASKET-CYLINDER HEAD	
	9	1	204-5426	4	SEAL	

B-USE AS REQUIRED

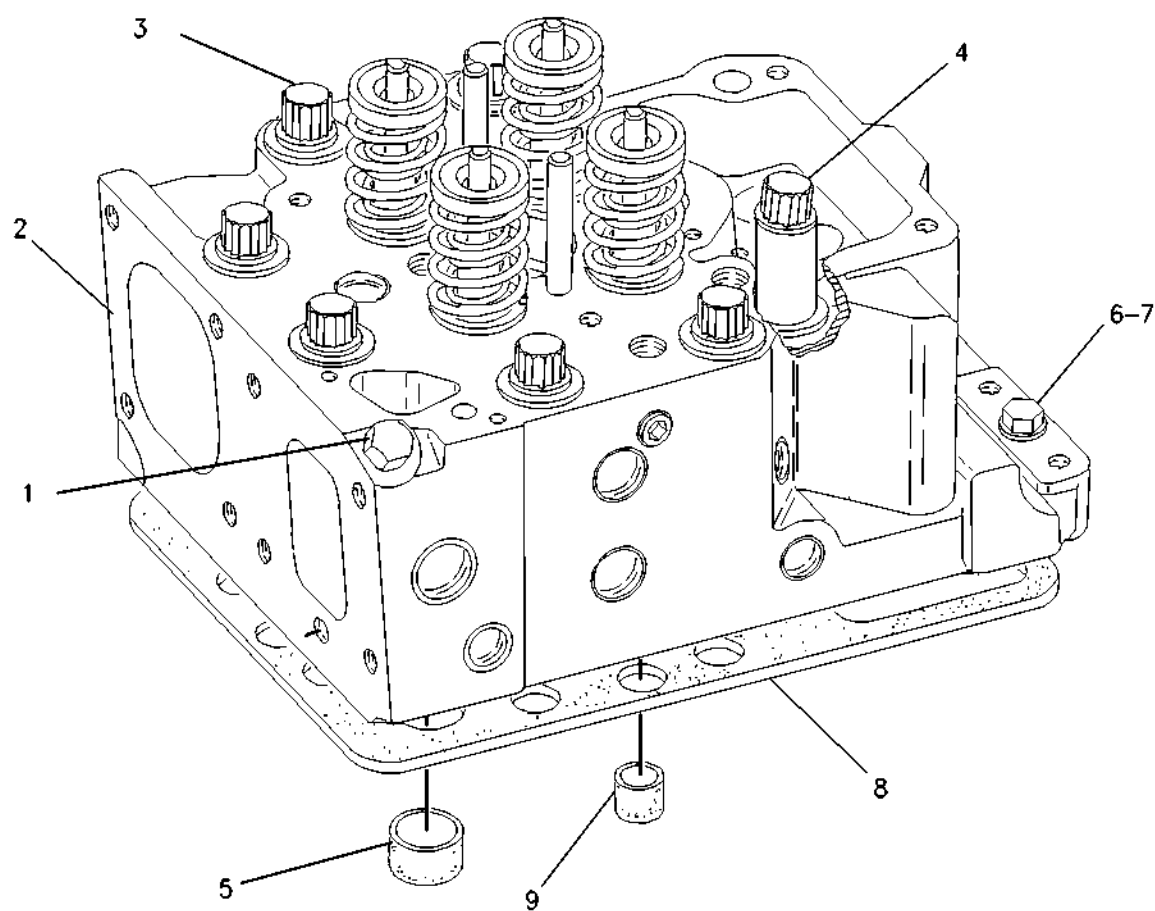
C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

101-0830 CYLINDER HEAD GP (contd.)

i01958937



GRAPHIC #1

<END>

g00903072

BASIC ENGINE

145-3216 CYLINDER HEAD GP*R

S/N: 2GR1180-4627

PART OF 101-0830 CYLINDER HEAD GP

SMCS-1100, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

i01893121

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2A-4429	8	LOCK-RETAINER	
	2	1	137-6856	2	SEAL (VALVE STEM) (INTAKE)	
	3	1	197-6999	4	ROTOCOIL AS	
	4	1	7N-1902	2	DOWEL	
	5	1	101-1180	4	SPRING-VALVE (OUTER)	
	6	1	101-1177	4	SPRING-VALVE (INNER)	
	7	1	8T-6759	1	PLUG-PIPE	
	8	1	210-2542	2	VALVE-INLET	
C	9	1	210-2529	2	VALVE (EXHAUST)	
CY	10	1	154-1612	1	CYLINDER HEAD AS	28
	11	1	133-9306	2	GUIDE-VALVE (INLET)	
	11A	1	133-9306	2	GUIDE-VALVE (EXHAUST)	
AB		1	149-1982		GUIDE-VALVE (0.508MM OS OD)	
AB		1	166-5944		GUIDE-VALVE (0.127MM OS OD)	
	12	1	2W-2662	2	SEAT-SPRING (EXHAUST)	

A-NOT PART OF THIS GROUP

B-USE AS REQUIRED

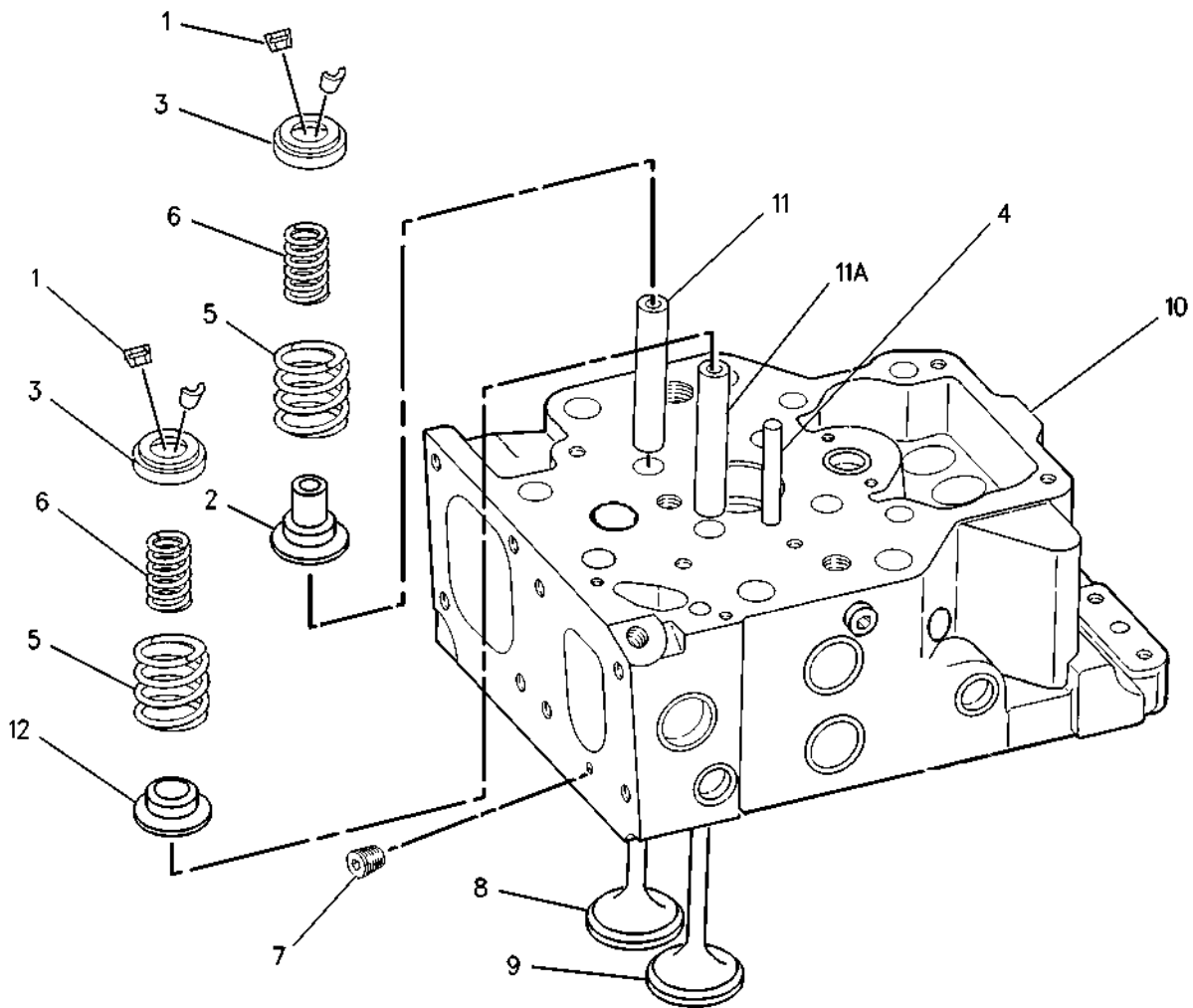
C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

145-3216 CYLINDER HEAD GP (contd.)

i01893121



GRAPHIC #1

<END>

g00800239

BASIC ENGINE

201-4257 CYLINDER HEAD GP

S/N: 2GR4628-UP

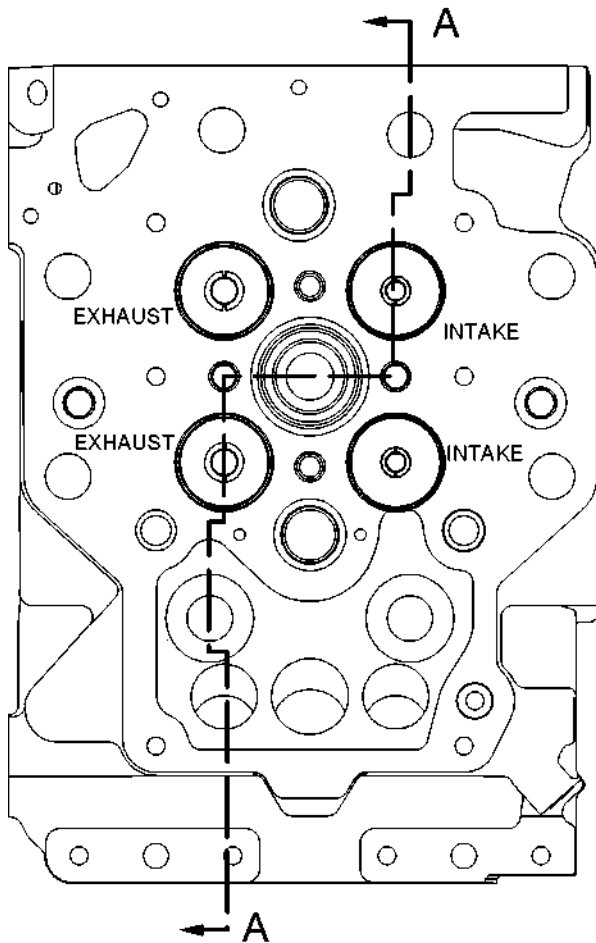
PART OF 101-0830 CYLINDER HEAD GP

SMCS-1100, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

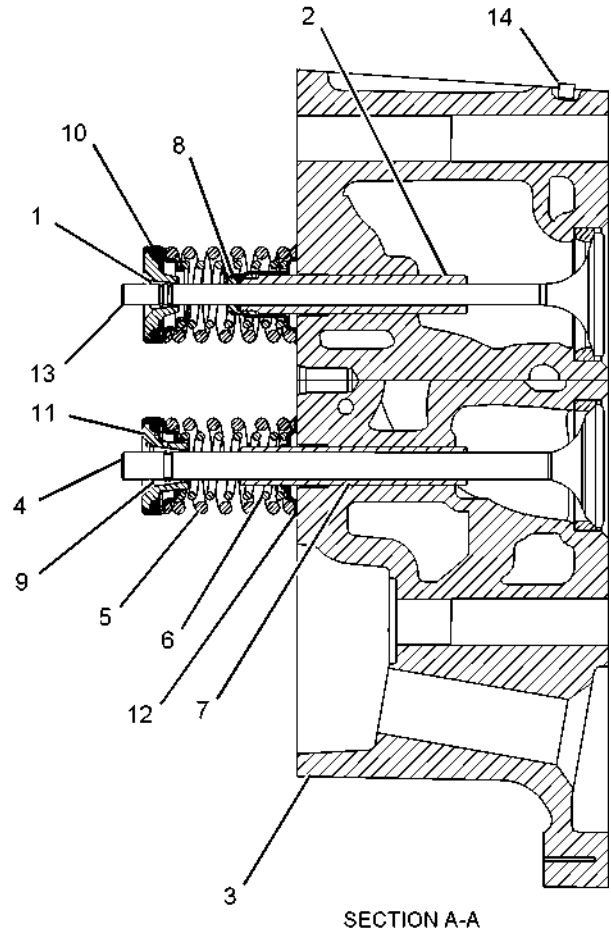
i01946433

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2A-4429	4	LOCK-RETAINER	
	2	1	133-9306	2	GUIDE-VALVE	
Y	3	1	154-1612	1	CYLINDER HEAD AS	28
	4	1	194-4897	2	VALVE-EXHAUST	
	5	1	194-4901	4	SPRING (VALVE)	
	6	1	194-4902	4	SPRING (VALVE)	
	7	1	197-6995	2	GUIDE-VALVE	
	8	1	197-7006	2	SEAL	
	9	1	197-7055	4	LOCK-RETAINER	
	10	1	197-7062	2	ROTOCOIL AS	
	11	1	197-7063	2	ROTOCOIL AS	
	12	1	209-0962	2	WASHER (17.80X45X7.29MM THK)	
	13	1	210-2542	2	VALVE-INLET	
	14	1	8T-6759	1	PLUG-PIPE	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1



SECTION A-A

<END>

g01014060

BASIC ENGINE

8N-7182 DAMPER GP

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

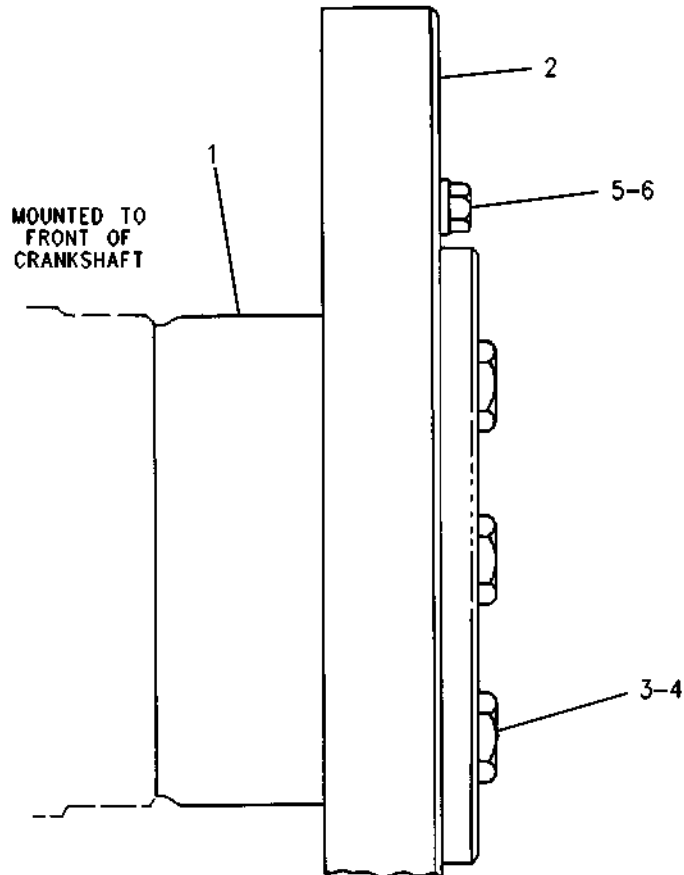
SMCS-1205

i01935581

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	7E-0854	1	ADAPTER-DAMPER						
R	2	1	193-3288	1	DAMPER AS						
	3	1	8S-4757	6	BOLT (1-14X8 IN)						
	4	1	5P-8250	6	WASHER (28X49X5MM THK)						
	5	1	7B-3235	10	BOLT (1/2-13X1.375 IN)						
	6	1	2M-0849	10	WASHER-HARD (13.5X25.5X5MM THK)						

C-CHANGE FROM PREVIOUS TYPE

R-REMFG PART MAY BE AVAILABLE



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00995346

BASIC ENGINE

7E-6620 DRIVE GP-ACCESSORY

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1207

i01990586

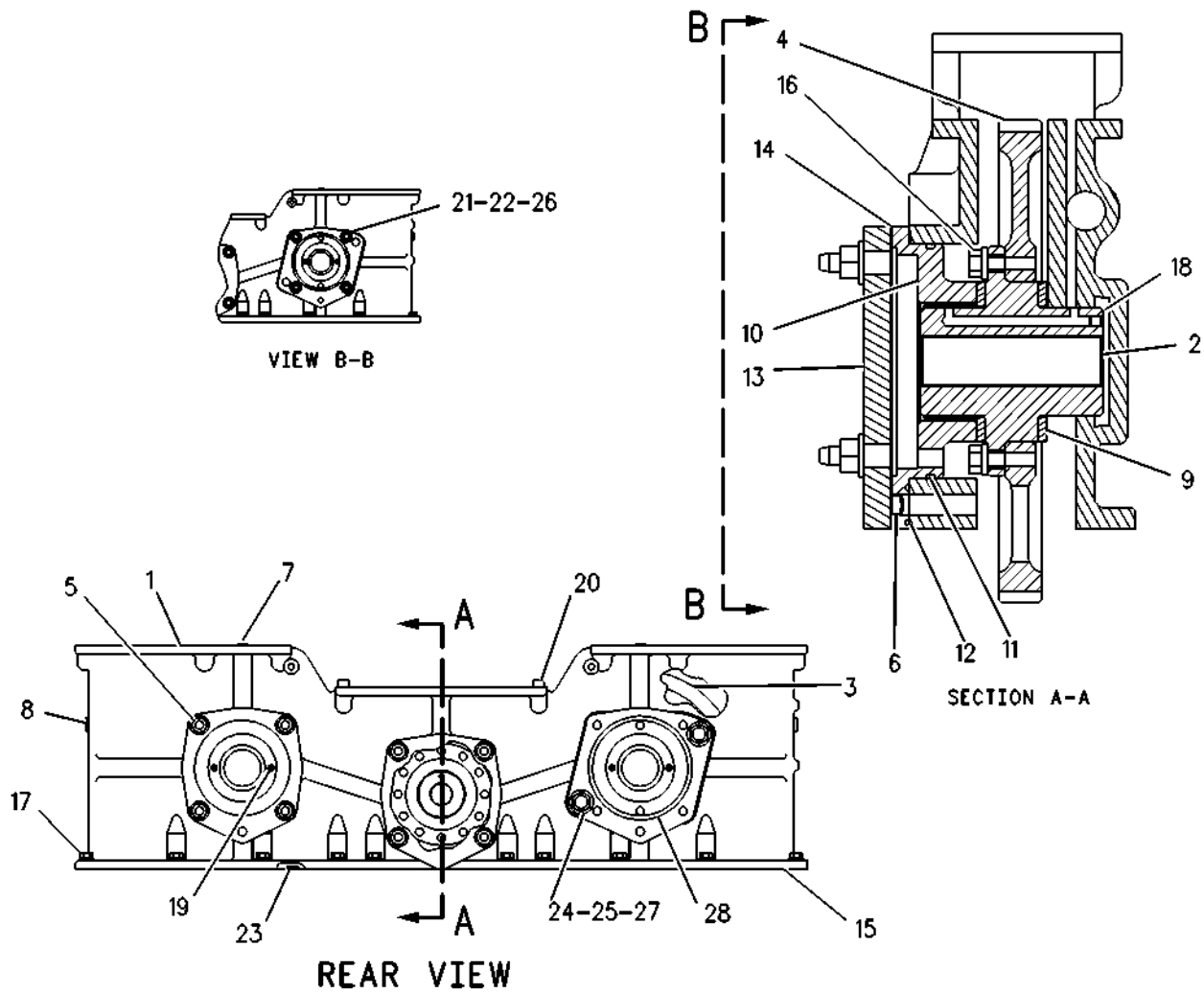
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7E-6619	1	HOUSING-ACCESSORY DRIVE	
	2	1	7N-3007	3	SHAFT AS	
					(EACH INCLUDES)	
		1	8T-2153	1	SETSCREW-SOCKET (1/4-28X7.94MM)	
	3	1	107-8748	2	GEAR-AUXILIARY DRIVE (75 TEETH)	
	4	1	107-8749	1	GEAR-AUXILIARY DRIVE (83 TEETH)	
	5	1	2D-8154	8	STUD (TAPERLOCK)	
		1	1F-7958	8	NUT-FULL (1/2-13 THD)	
		1	5P-8245	8	WASHER-HARD (13.5X25.5X3MM THK)	
	6	1	0L-1026	3	PLUG-CUP	
	7	1	8T-6757	2	PLUG-PIPE	
	8	1	7X-7731	2	PLUG-PIPE	
	9	1	7N-8525	6	WASHER-THRUST	
	10	1	8N-2757	2	ADAPTER AS	
					(EACH INCLUDES)	
		1	7N-3011	1	BEARING-SLEEVE	
	11	1	3F-5792	3	SEAL-O-RING	
	12	1	8M-5253	3	SEAL-O-RING	
	13	1	8N-2802	1	COVER	
	14	1	9Y-8386	1	GASKET	
	15	1	1W-4736	1	GASKET-COVER	
	16	1	0S-1588	36	BOLT (3/8-16X1.25 IN)	
		1	5M-2894	36	WASHER-HARD (10.2X18.5X2.5MM THK)	
	17	1	1T-0765	20	BOLT (3/8-16X1 IN)	
	18	1	7N-3011	3	BEARING-SLEEVE	
	19	1	3F-6795	6	DOWEL	
	20	1	7N-2047	2	DOWEL	
B	21	1	1F-7958	4	NUT-FULL (1/2-13 THD)	
B	22	1	2D-8154	4	STUD (TAPERLOCK)	
B	23	1	2J-6274	1	SEAL-O-RING	
B	24	1	5P-8247	2	WASHER-HARD (17X32X3.5MM THK)	
B	25	1	4K-0367	2	NUT-FULL (5/8-11 THD)	
B	26	1	5P-8245	4	WASHER-HARD (13.5X25.5X3MM THK)	
B	27	1	6L-7655	2	STUD-TAPERLOCK	
	28	1	129-9476	1	ADAPTER AS	
		1	7N-3011	1	BEARING-SLEEVE	

B-USE AS REQUIRED

BASIC ENGINE

7E-6620 DRIVE GP-ACCESSORY (contd.)

i01990586



GRAPHIC #1

<END>

g00087210

BASIC ENGINE

8N-8161 DRIVE GP-ACCESSORY

S/N: 2GR1180-UP

FLYWHEEL HOUSING LOWER

PART OF 155-5556 ENGINE AR

SMCS-1207

i01983457

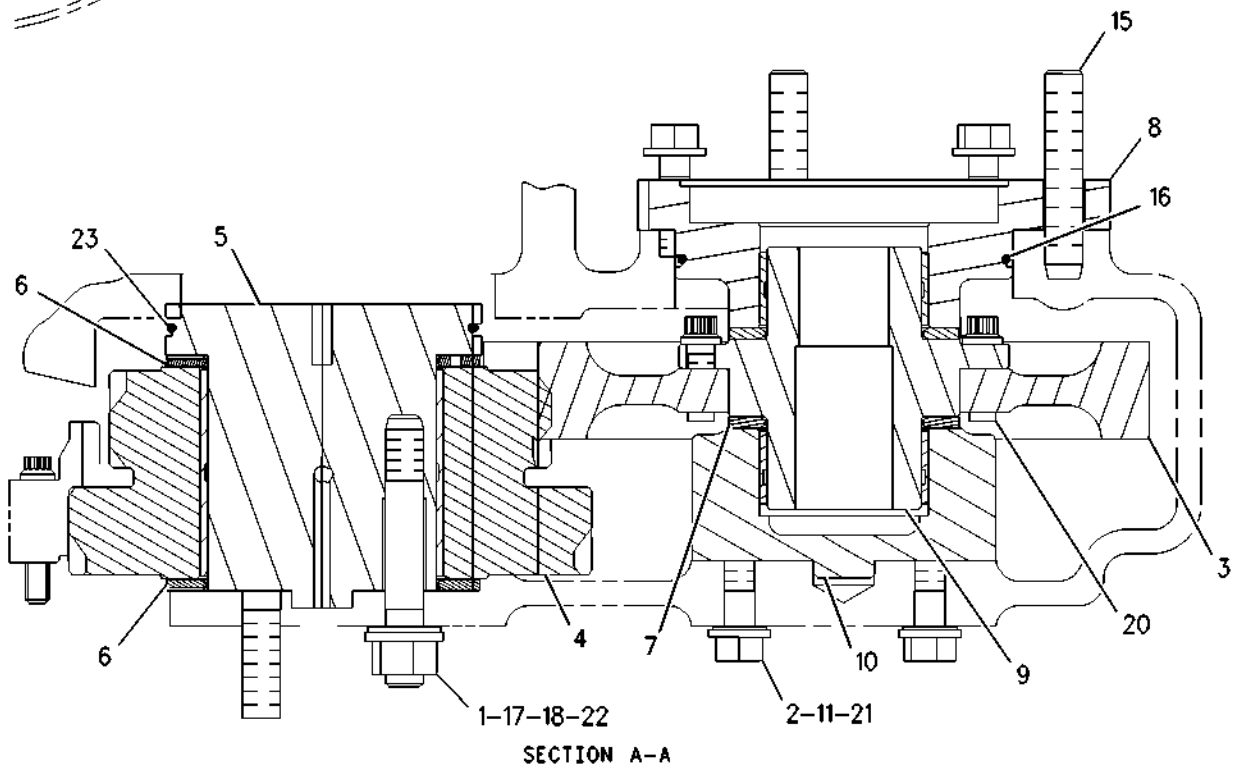
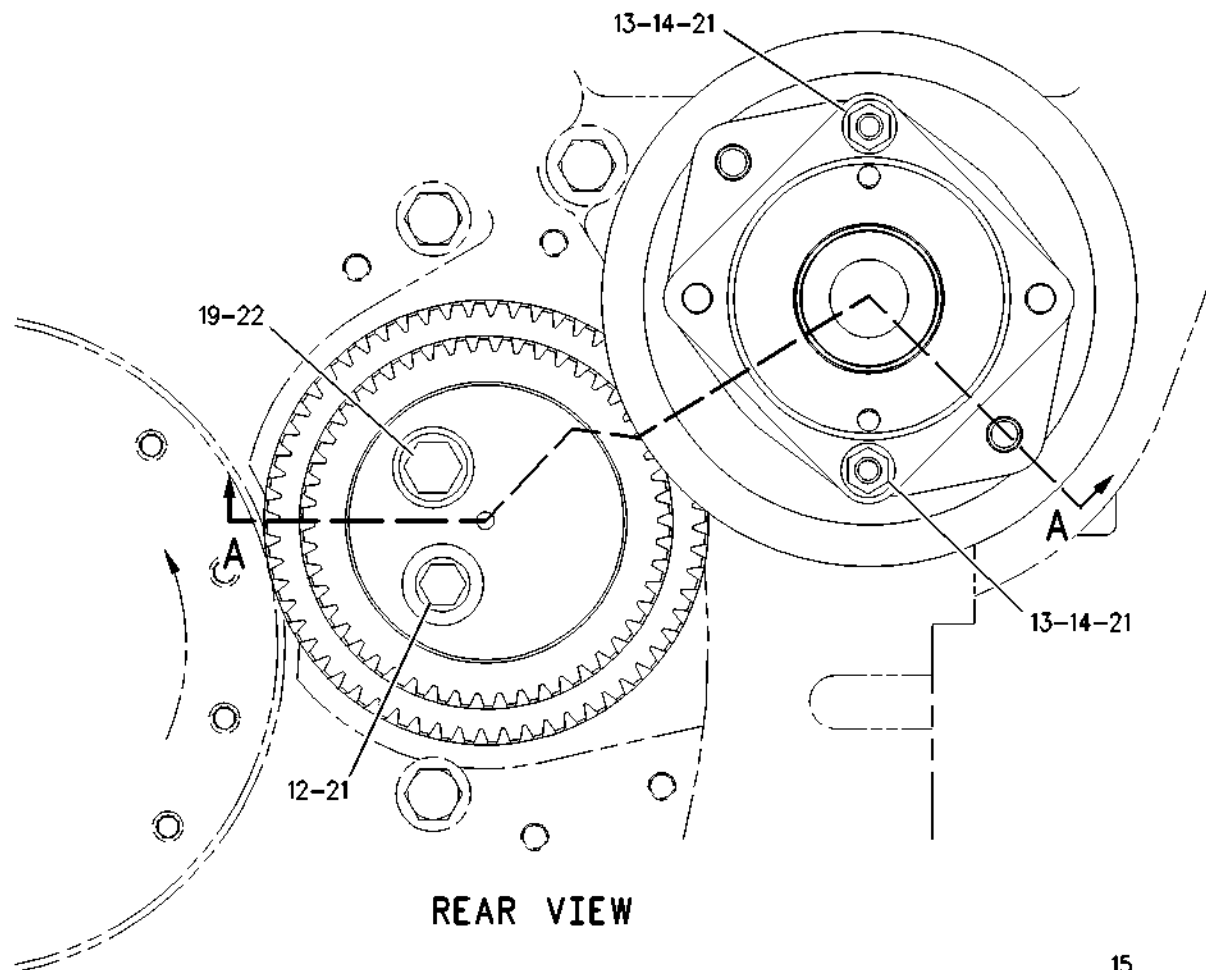
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	1V-6341	2	SEAL						
C	2	1	5R-7137	4	WASHER-SEALING						
	3	1	7N-2865	1	GEAR-DRIVE (73 TEETH)						
	4	1	7N-2909	1	GEAR AS-CLUSTER (60 & 50 TEETH)						
		1	7N-2910	1	BEARING-SLEEVE						
	5	1	7N-3005	1	SHAFT-IDLER						
	6	1	7N-3006	2	WASHER-THRUST						
	7	1	7N-8525	2	WASHER-THRUST						
	8	1	8N-8039	1	ADAPTER AS						
		1	7N-3011	1	BEARING-SLEEVE						
	9	1	8N-8041	1	SHAFT AS						
		1	8T-2153	1	SETSCREW-SOCKET (1/4-28X7.94MM)						
	10	1	163-2600	1	CAGE AS						
		1	3F-6795	2	DOWEL						
C	11	1	1A-1460	4	BOLT (1/2-13X2 IN)						
	12	1	1D-4574	1	BOLT (1/2-13X6 IN)						
	13	1	1F-7958	2	NUT-FULL (1/2-13 THD)						
	14	1	2D-8426	2	STUD-TAPERLOCK						
C	15	1	3D-8439	2	STUD (5/8-11 X 3.4 IN OAL) (TAPERLOCK)						
	16	1	3F-5792	1	SEAL-O-RING						
	17	1	4K-0367	2	NUT-FULL (5/8-11 THD)						
	18	1	5D-3954	2	STUD-TAPERLOCK						
	19	1	5D-9514	1	BOLT (5/8-11X6.25 IN)						
	20	1	5P-2546	12	BOLT-12 POINT HEAD (7/16-14X1.25 IN)						
C	21	1	5P-8245	7	WASHER-HARD (13.5X25.5X3MM THK)						
	22	1	5P-8247	3	WASHER-HARD (17X32X3.5MM THK)						
	23	1	235-3548	1	SEAL-O-RING						

C-CHANGE FROM PREVIOUS TYPE

BASIC ENGINE

8N-8161 DRIVE GP-ACCESSORY (contd.)

i01983457



GRAPHIC #1

g00893680

BASIC ENGINE

156-9812 DRIVE GP-ACCESSORY

S/N: 2GR1180-UP

LOWER LH

PART OF 155-5556 ENGINE AR

SMCS-1207

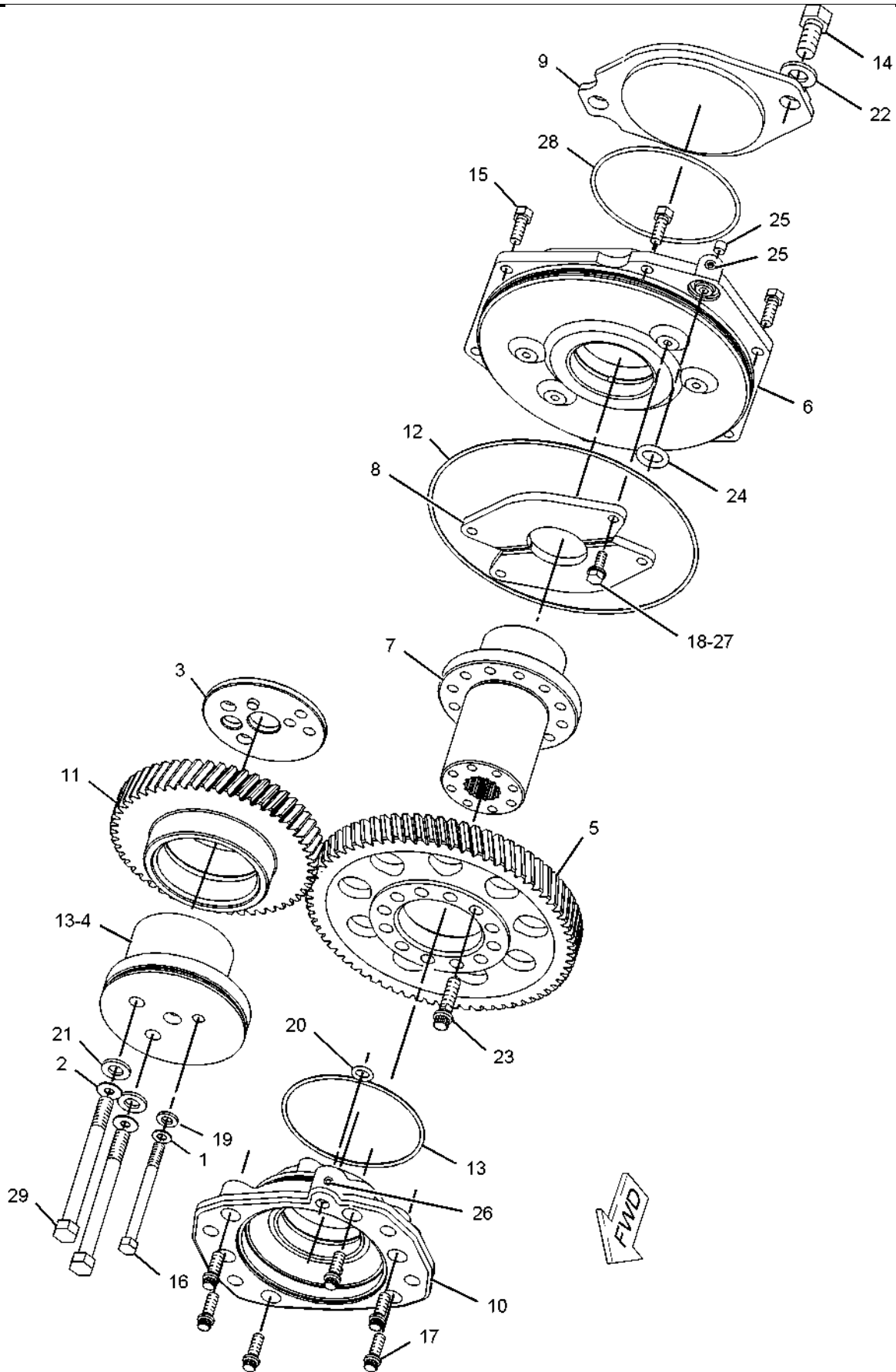
i01967648

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5R-7136	1	WASHER-SEALING						
	2	1	5R-7137	2	WASHER-SEALING						
	3	1	7C-3258	1	WASHER AS-THRUST						
		1	7N-2047	1	DOWEL						
	4	1	7C-3260	1	SHAFT						
	5	1	7E-0275	1	GEAR-WATER PUMP DRIVE (69 TEETH)						
	6	1	7N-5279	1	ADAPTER AS						
		1	127-5400	1	BEARING-SLEEVE						
	7	1	7N-5874	1	SHAFT-AUXILIARY DRIVE						
	8	1	7N-7539	2	WASHER-THRUST						
	9	1	7N-8374	1	COVER						
	10	1	8N-8210	1	ADAPTER AS						
		1	127-5400	1	BEARING-SLEEVE						
	11	1	144-8263	1	GEAR AS-IDLER (53 TEETH)						
	12	1	235-3546	1	SEAL-O-RING						
	13	1	235-3548	2	SEAL-O-RING						
	14	1	0S-1592	2	BOLT (5/8-11X1.25 IN)						
	15	1	0S-1594	6	BOLT (3/8-16X1 IN)						
	16	1	0T-0055	1	BOLT (3/8-16X4.25 IN)						
	17	1	1T-0765	6	BOLT (3/8-16X1 IN)						
	18	1	2B-2695	4	BOLT (5/16-18X0.875 IN)						
	19	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5MM THK)						
	20	1	5P-0840	1	SEAL-O-RING						
	21	1	5P-8245	2	WASHER-HARD (13.5X25.5X3MM THK)						
	22	1	5P-8247	2	WASHER-HARD (17X32X3.5MM THK)						
	23	1	6K-3771	12	BOLT-12 POINT HEAD (7/16-14X1.5 IN)						
	24	1	6V-3348	1	SEAL-O-RING						
	25	1	8T-6757	2	PLUG-PIPE						
	26	1	8T-6759	1	PLUG-PIPE						
	27	1	9M-1974	4	WASHER-HARD (8.8X16X2MM THK)						
	28	1	9X-7371	1	SEAL-O-RING						
	29	1	9X-8879	2	BOLT (1/2-13X5.5 IN)						

BASIC ENGINE

156-9812 DRIVE GP-ACCESSORY (contd.)

i01967648



GRAPHIC #1

<END>

g01023193

BASIC ENGINE

7E-6612 DRIVE GP-AUXILIARY

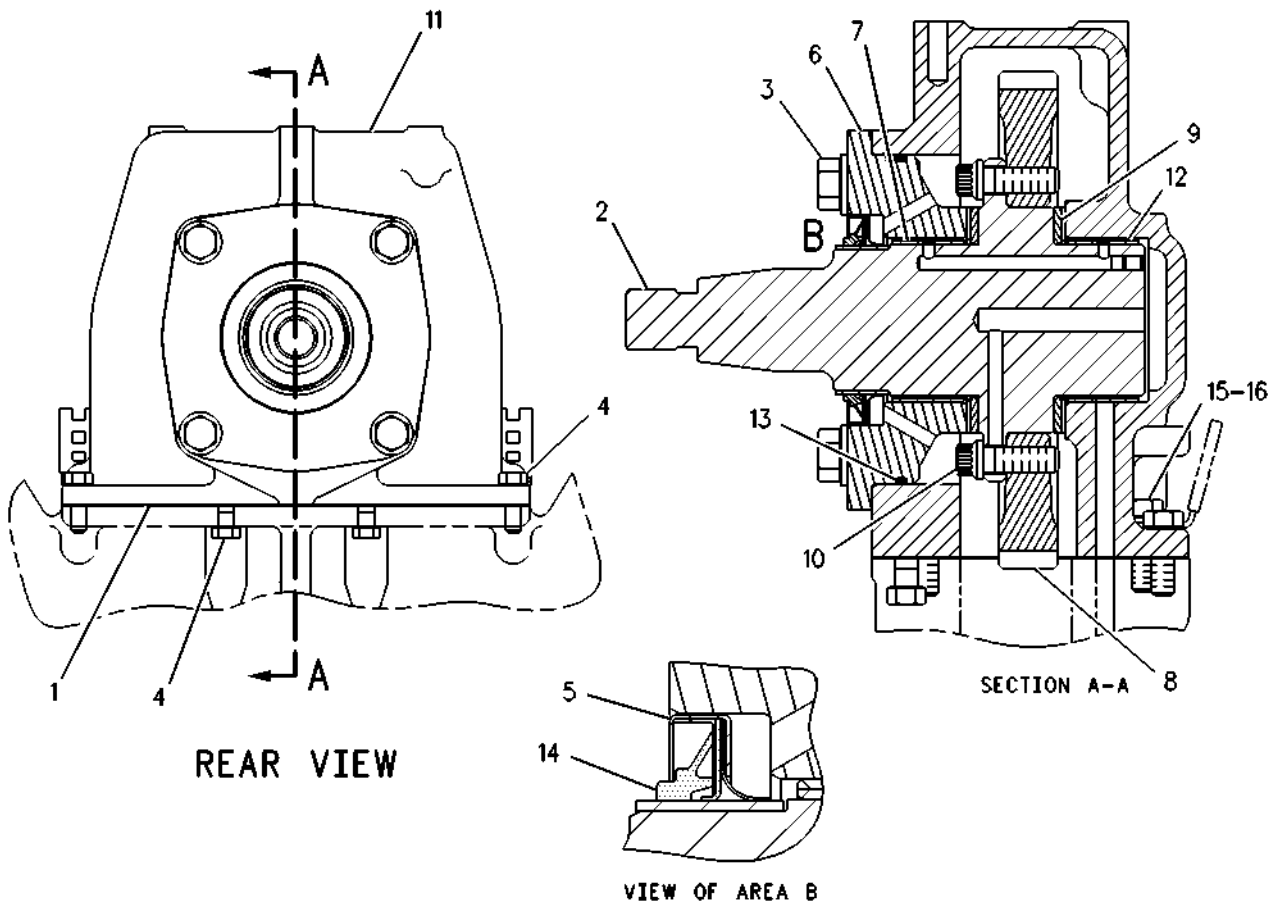
S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1207

i01692215

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-6615	1	GASKET						
	2	1	4P-3550	1	SHAFT AS						
		1	8T-2153	1	SETSCREW-SOCKET (1/4-28X7.94MM)						
	3	1	6H-1717	4	BOLT (1/2-13X1.125 IN)						
		1	5P-8245	4	WASHER-HARD (13.5X25.5X3MM THK)						
	4	1	1A-2029	6	BOLT (3/8-16X1.125 IN)						
	5	1	119-6355	1	SEAL-LIP TYPE						
	6	1	137-8290	1	ADAPTER AS						
	7	1	7N-3011	1	BEARING-SLEEVE						
	8	1	7E-6362	1	GEAR (60 TEETH)						
	9	1	7N-8525	2	WASHER-THRUST						
	10	1	5P-2546	12	BOLT-12 POINT HEAD (7/16-14X1.25 IN)						
	11	1	7E-6611	1	HOUSING AS-DRIVE						
		1	3F-6795	2	DOWEL						
	12	1	7N-3011	1	BEARING-SLEEVE						
	13	1	3F-5792	1	SEAL-O-RING						
	14	1	109-5721	1	SEAL (DIRT)						
	15	1	OS-1588	2	BOLT (3/8-16X1.25 IN)						
	16	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5MM THK)						



GRAPHIC #1

<END>

g00368842

BASIC ENGINE

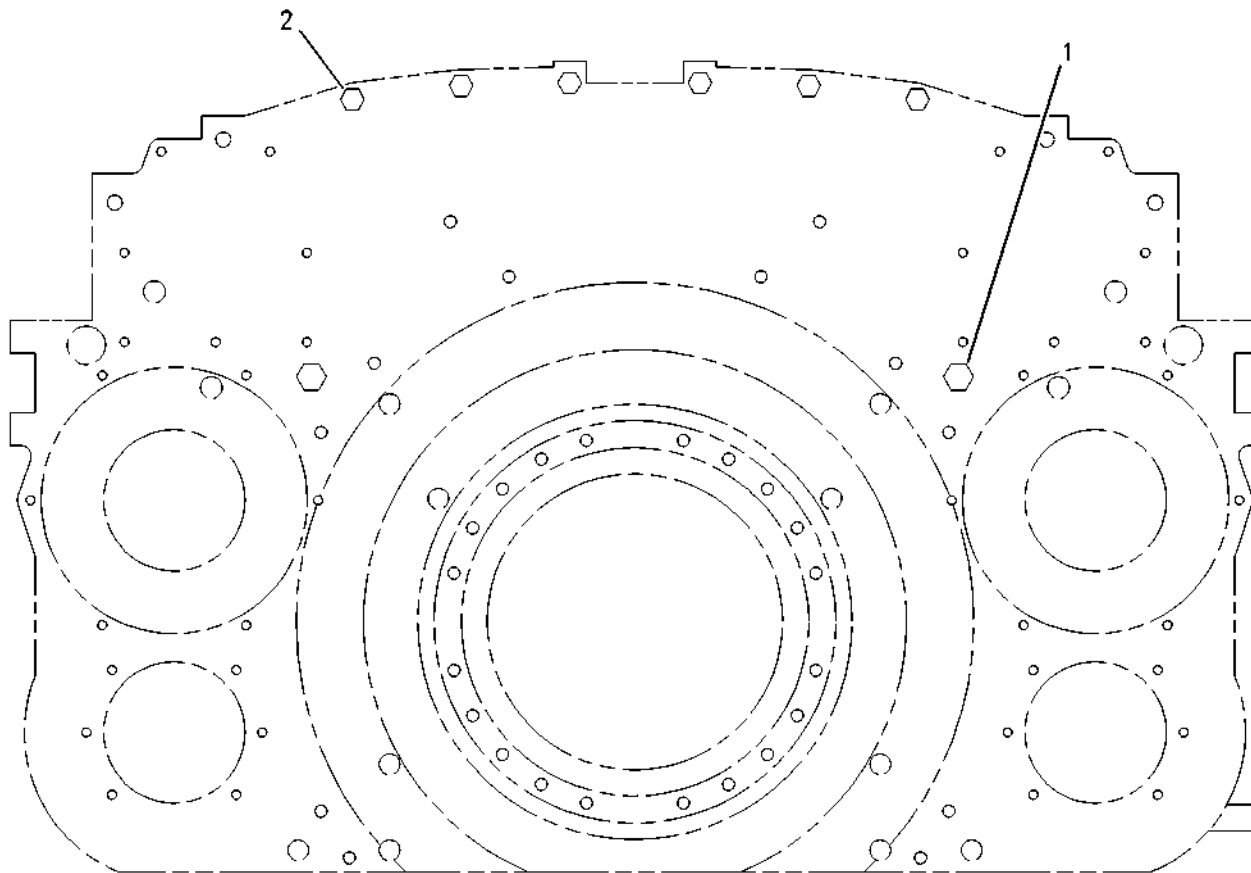
214-6006 FASTENER GP-FRONT HOUSING

S/N: 2GR3819-UP
PART OF 155-5556 ENGINE AR

SMCS-1151

i01948155

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1D-4597	2	BOLT (5/8-11X6.5 IN)						
	2	1	9H-8260	6	BOLT (1/2-13X6.25 IN)						



FRONT VIEW

GRAPHIC #1

<END>

g00891070

BASIC ENGINE

9Y-7211 FLYWHEEL GP

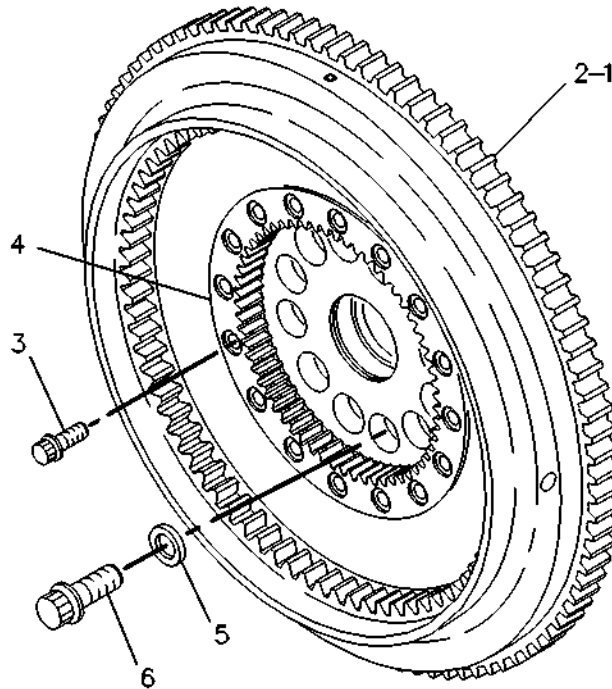
S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1156, 1158

i01420598

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9Y-7208	1	FLYWHEEL AS						
	2	1	8N-0896	1	GEAR (151 TEETH)						
	3	1	5P-5855	16	BOLT-12 POINT HEAD (1/2-13X1.75 IN)						
	4	1	9Y-7209	1	SPLINE-FLYWHEEL						
	5	1	5P-8839	12	WASHER-HARD (28X42X4MM THK)						
	6	1	6V-5661	12	BOLT-12 POINT HEAD (1-14 THD)						



GRAPHIC #1

<END>

g00206650

BASIC ENGINE

8N-7174 GEAR GP-FRONT

S/N: 2GR1180-UP

SAE STANDARD ENGINE ROTATION

PART OF 155-5556 ENGINE AR

SMCS-1206

i01980068

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-2895	1	GEAR-CRANKSHAFT (92 TEETH)						
	2	1	3S-1307	12	BOLT-12 POINT HEAD (3/8-16X2 IN)						
	3	1	144-8263	1	GEAR AS-IDLER (53 TEETH)						
	3A	1	140-9597	1	BEARING-SLEEVE						
C	4	1	7C-3260	1	SHAFT						
	5	1	235-3548	2	SEAL-O-RING						
C	6	1	7C-3258	1	WASHER AS-THRUST						
	6A	1	7N-2047	1	DOWEL						
	7	1	9X-8879	2	BOLT (1/2-13X5.5 IN)						
C	8	1	0T-0055	1	BOLT (3/8-16X4.25 IN)						
	9	1	7E-0275	1	GEAR-WATER PUMP DRIVE (69 TEETH)						
B	10	1	6K-3771	12	BOLT-12 POINT HEAD (7/16-14X1.5 IN)						
	11	1	7N-5239	1	SHAFT AS-PUMP DRIVE						
	11A	1	8T-2153	1	SETSCREW-SOCKET (1/4-28X7.94MM)						
	12	1	7N-5263	1	ADAPTER AS-PUMP (OIL)						
	12A	1	127-5400	1	BEARING-SLEEVE						
	13	1	235-3546	1	SEAL-O-RING						
	14	1	6V-3348	1	SEAL-O-RING						
	15	1	0S-1594	2	BOLT (3/8-16X1 IN)						
	16	1	7N-5246	2	WASHER-THRUST						
	17	1	4B-3388	4	BOLT (5/16-18X1.125 IN)						
	18	1	7N-5245	1	ADAPTER AS-PUMP (WATER)						
	18A	1	127-5400	1	BEARING-SLEEVE						
	19	1	9M-1974	4	WASHER-HARD (8.8X16X2MM THK)						
C	20	1	5P-8245	2	WASHER-HARD (13.5X25.5X3MM THK)						
C	21	1	5R-7137	2	WASHER-SEALING						
C	22	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5MM THK)						
C	23	1	5R-7136	1	WASHER-SEALING						
	24	1	0S-1590	5	BOLT (3/8-16X2 IN)						
	25	1	7C-8246	5	SPACER (10.5X20X24MM THK)						

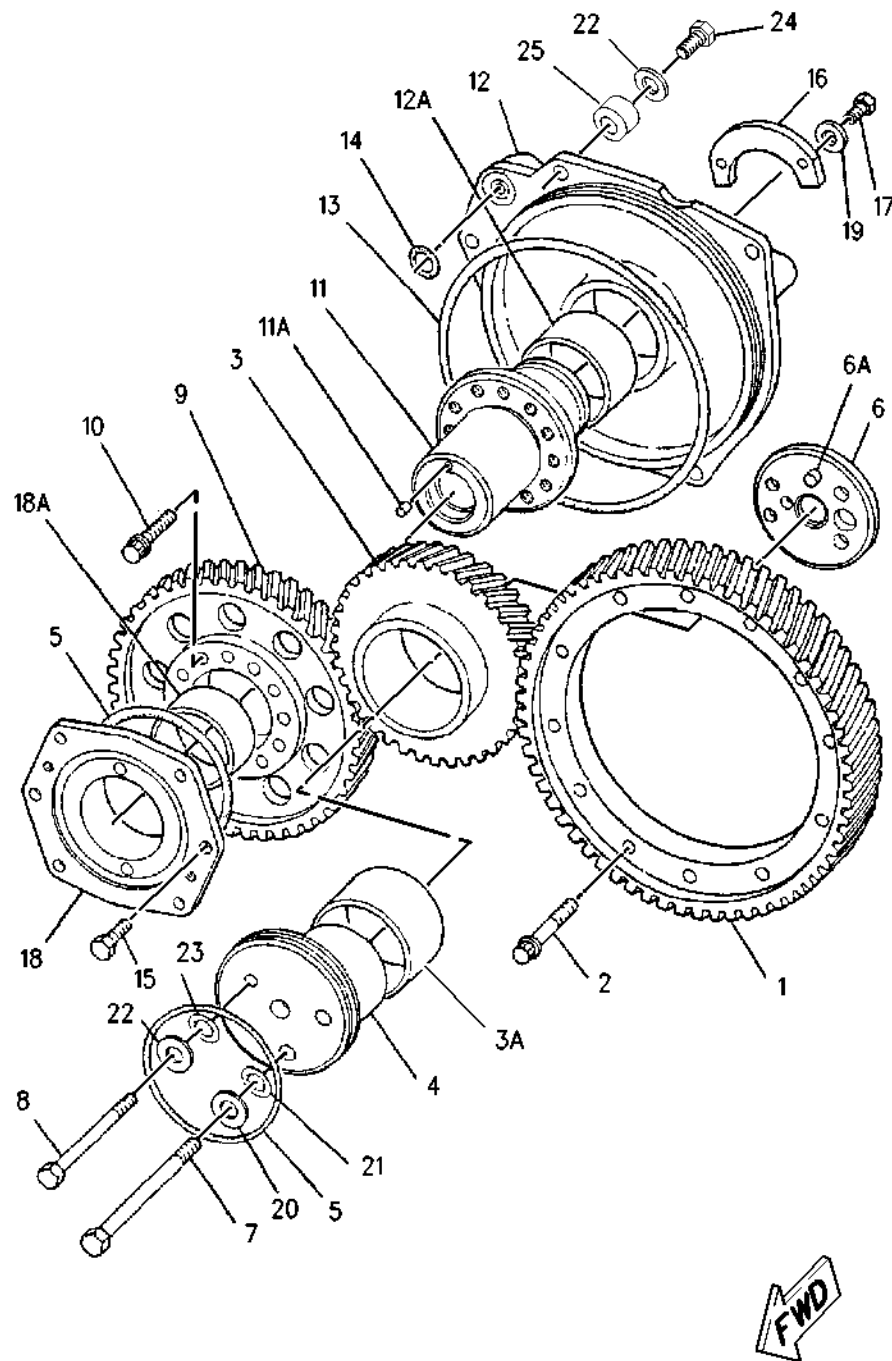
B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE

BASIC ENGINE

8N-7174 GEAR GP - FRONT (contd.)

i01980068



GRAPHIC #1

<END>

g00703991

BASIC ENGINE

101-1361 GEAR GP-REAR

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1204

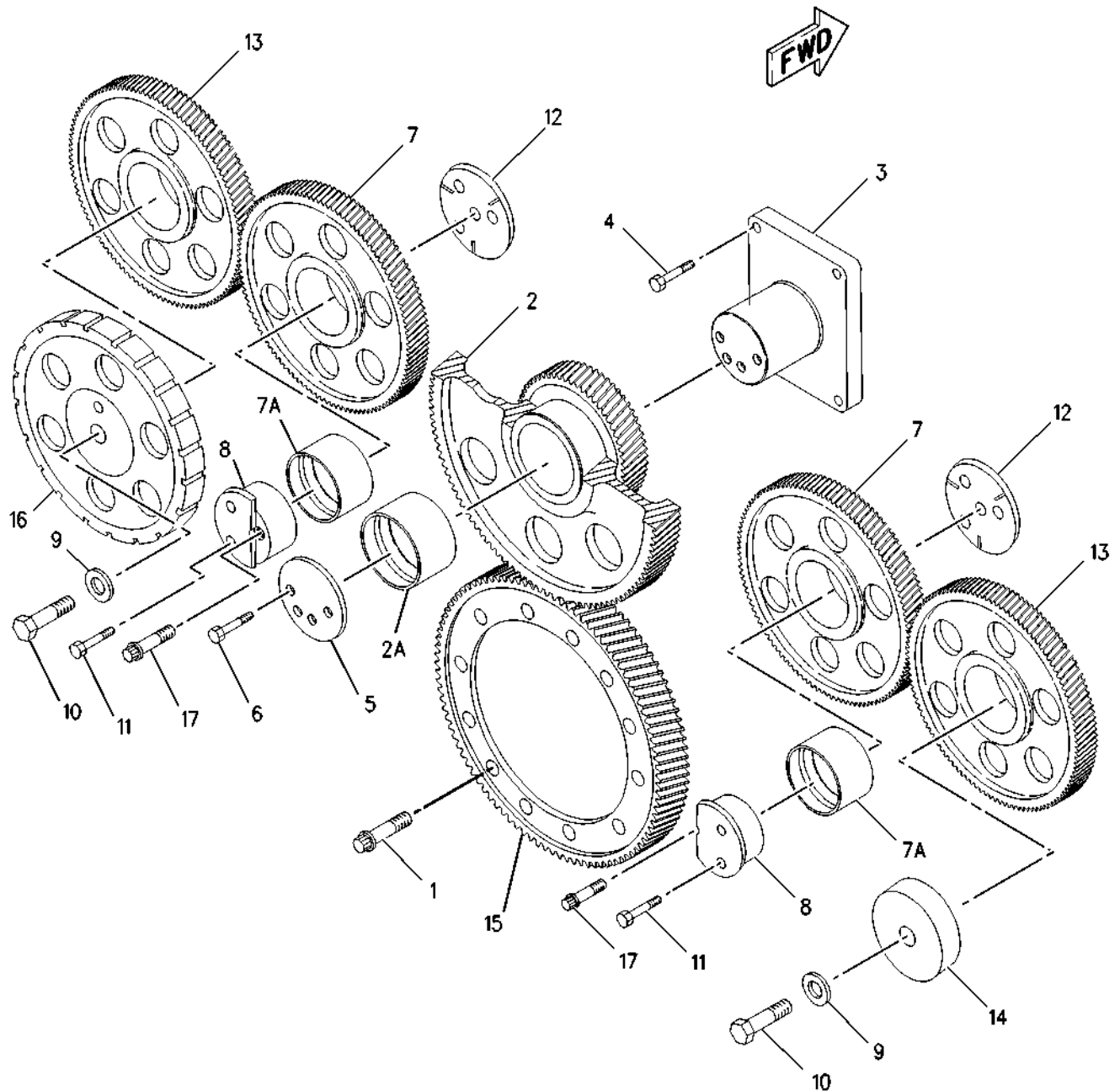
i01692217

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-1307	12	BOLT-12 POINT HEAD (3/8-16X2 IN)						
	2	1	101-1377	1	GEAR AS-IDLER (35 & 92 TEETH)						
	2A	1	4P-5460	1	BEARING-SLEEVE						
	3	1	101-1378	1	SHAFT-CLUSTER GEAR						
	4	1	8M-2530	4	BOLT-12 POINT HEAD (1/2-13X1.25 IN)						
	5	1	101-1365	1	PLATE-THRUST						
	6	1	0L-1351	4	BOLT (3/8-16X0.875 IN)						
	7	1	101-1364	2	GEAR AS-IDLER (69 TEETH)						
					(EACH INCLUDES)						
	7A	1	125-9751	1	BEARING-SLEEVE						
	8	1	101-1367	2	SHAFT-IDLER						
	9	1	5P-8248	2	WASHER-HARD (20X36.5X3.5MM THK)						
	10	1	9X-8887	2	BOLT (3/4-10X3 IN)						
	11	1	1B-4367	4	BOLT (5/8-11X3 IN)						
	12	1	101-1368	2	WASHER-THRUST (19.50 X 106 X 1.9MM THK)						
	13	1	101-1369	2	GEAR-CAMSHAFT DRIVE (70 TEETH)						
	14	1	4W-4586	1	PLATE						
	15	1	101-1370	1	GEAR-CRANKSHAFT (92 TEETH)						
	16	1	7E-5324	1	RING						
	17	1	8S-2331	2	BOLT-12 POINT HEAD (5/8-11 X 2 IN)						

BASIC ENGINE

101-1361 GEAR GP-REAR (contd.)

i01692217



GRAPHIC #1

<END>

g00661102

BASIC ENGINE

106 - 7600 HOUSING GP - FLYWHEEL

S/N: 2GR4315-UP

PART OF 155-5556 ENGINE AR

SMCS-1157

i02000295

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	106-7598	1	HOUSING AS-FLYWHEEL	
	1A	1	3F-6808	1	DOWEL	
	1B	1	7N-2047	3	DOWEL	
	1C	1	3F-6795	2	DOWEL	
	2	1	5P-8245	14	WASHER-HARD (13.5X25.5X3MM THK)	
C	3	1	9X-8873	8	BOLT (1/2-13X2.25 IN)	
	4	1	5P-4626	2	BOLT (5/8-11X10.5 IN)	
C	5	1	0S-1595	1	BOLT (1/2-13X1.25 IN)	
	6	1	8T-6763	5	PLUG-PIPE	
	7	1	1D-4574	7	BOLT (1/2-13X6 IN)	
	8	1	5D-9514	11	BOLT (5/8-11X6.25 IN)	
	9	1	1D-4597	1	BOLT (5/8-11X6.5 IN)	
	10	1	5P-8247	14	WASHER-HARD (17X32X3.5MM THK)	
B	11	1	104-4767	1	ADAPTER	
B	12	1	4B-8407	1	GASKET	
B	13	1	8T-6765	1	PLUG-PIPE	
B	14	1	9S-4185	1	PLUG	
B	15	1	3K-0360	1	SEAL-O-RING	

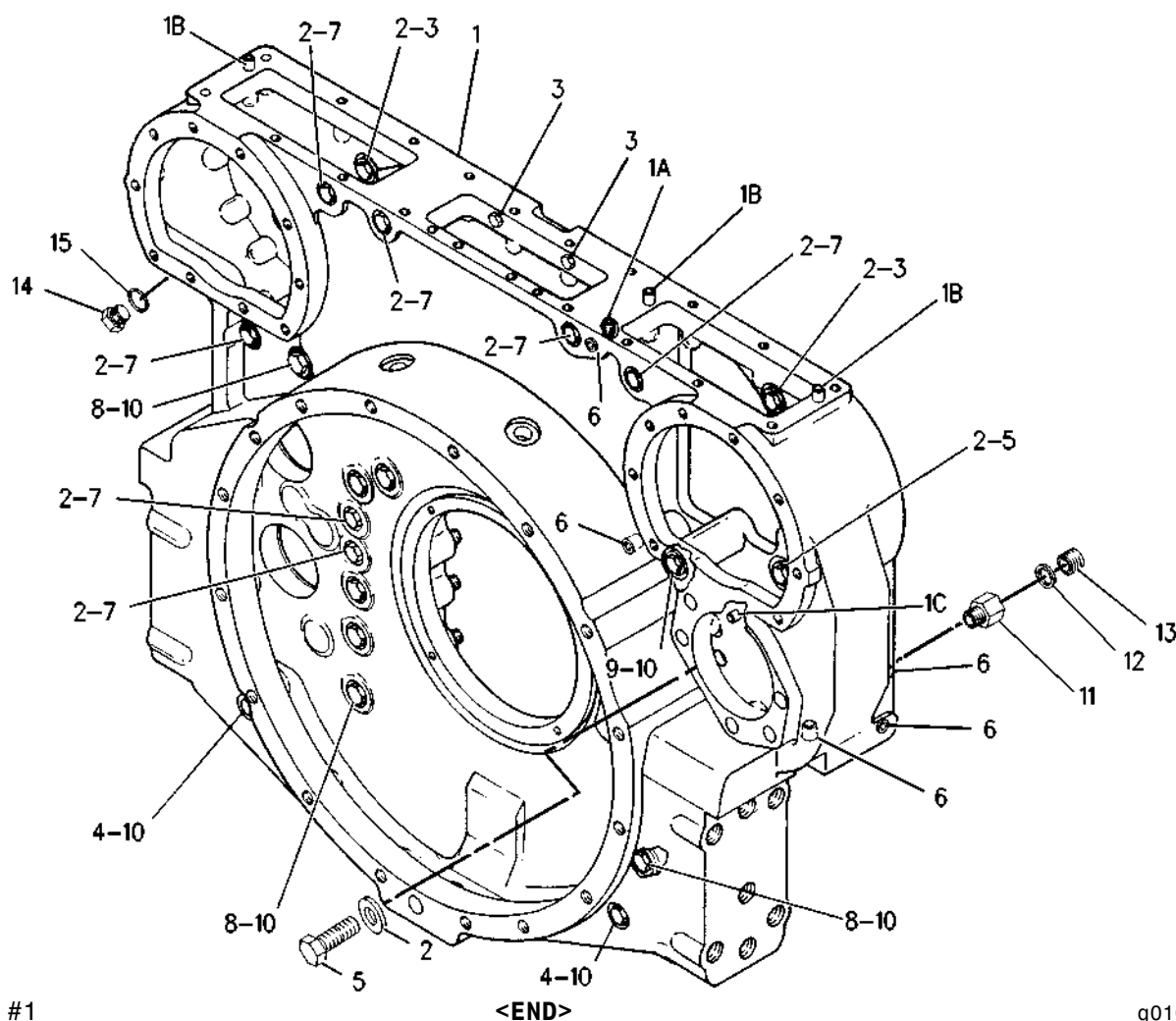
B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE

BASIC ENGINE

106 - 7600 HOUSING GP - FLYWHEEL (contd.)

i02000295



GRAPHIC #1

<END>

g01007294

BASIC ENGINE

4P-5426 HOUSING GP-FRONT

S/N: 2GR1180-UP

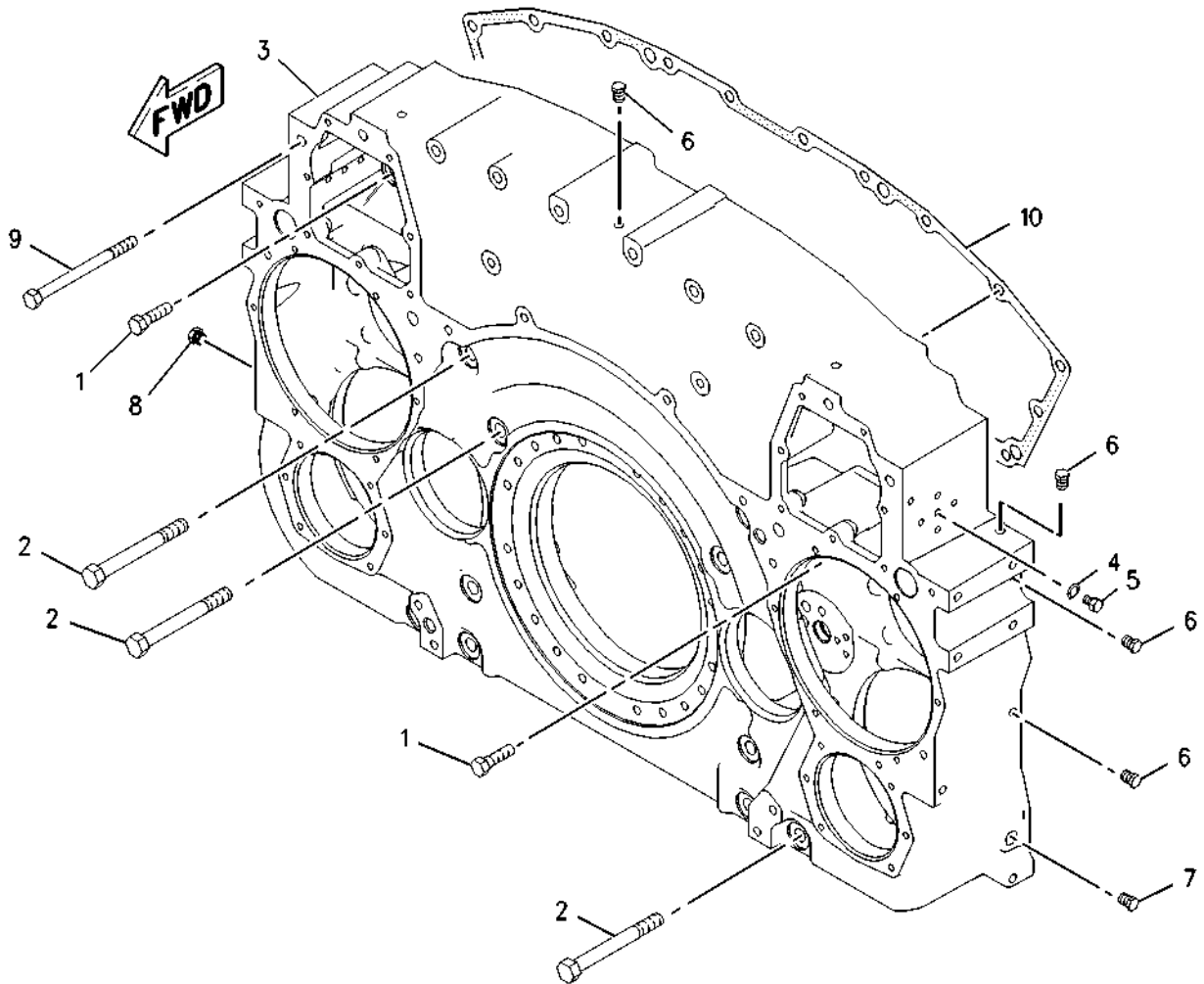
PART OF 155-5556 ENGINE AR

SMCS-1151, 1162, 1166

i02016248

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0S-1587	4	BOLT (1/2-13X1.75-IN)						
	2	1	1D-4593	10	BOLT (5/8-11X5.5-IN)						
	3	1	102-8634	1	HOUSING-ACCESSORY DRIVE						
	4	1	1B-4218	6	WASHER (25/64X5/8X.064-IN THK)						
	5	1	2A-5220	6	PLUG-DRAIN						
B	6	1	8T-6765	7	PLUG-PIPE						
	7	1	8T-6762	1	PLUG-PIPE						
	8	1	8T-6758	1	PLUG-PIPE						
	9	1	9H-8260	4	BOLT (1/2-13X6.25-IN)						
	10	1	7N-3049	1	GASKET						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00995169

BASIC ENGINE

7E-6872 LIFTING GP-ENGINE

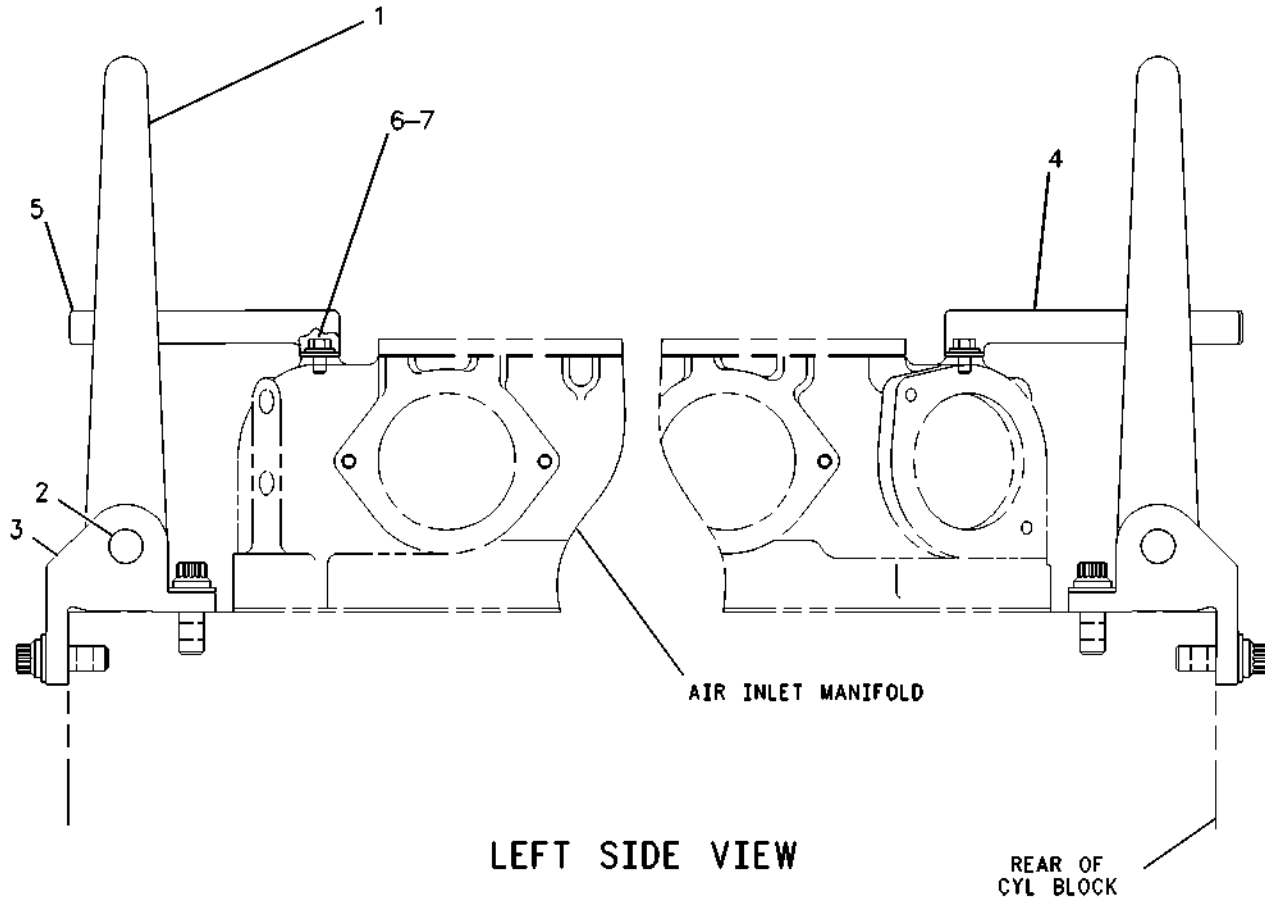
S/N: 2GR1180-2951

PART OF 155-5556 ENGINE AR

SMCS-1122

i01971880

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-2326	2	EYE-LIFTING						
	2	1	7N-2328	4	DOWEL						
	3	1	155-0726	2	BRACKET AS						
	4	1	193-3286	1	RETAINER-EYE (REAR)						
	5	1	4P-4642	1	RETAINER-EYE (FRONT)						
	6	1	0S-0509	4	BOLT (3/8-16X0.75 IN)						
	7	1	5P-1075	4	WASHER-HARD (10.2X22.5X3MM THK)						



GRAPHIC #1

<END>

g00799817

BASIC ENGINE

194-4898 LIFTING GP-ENGINE

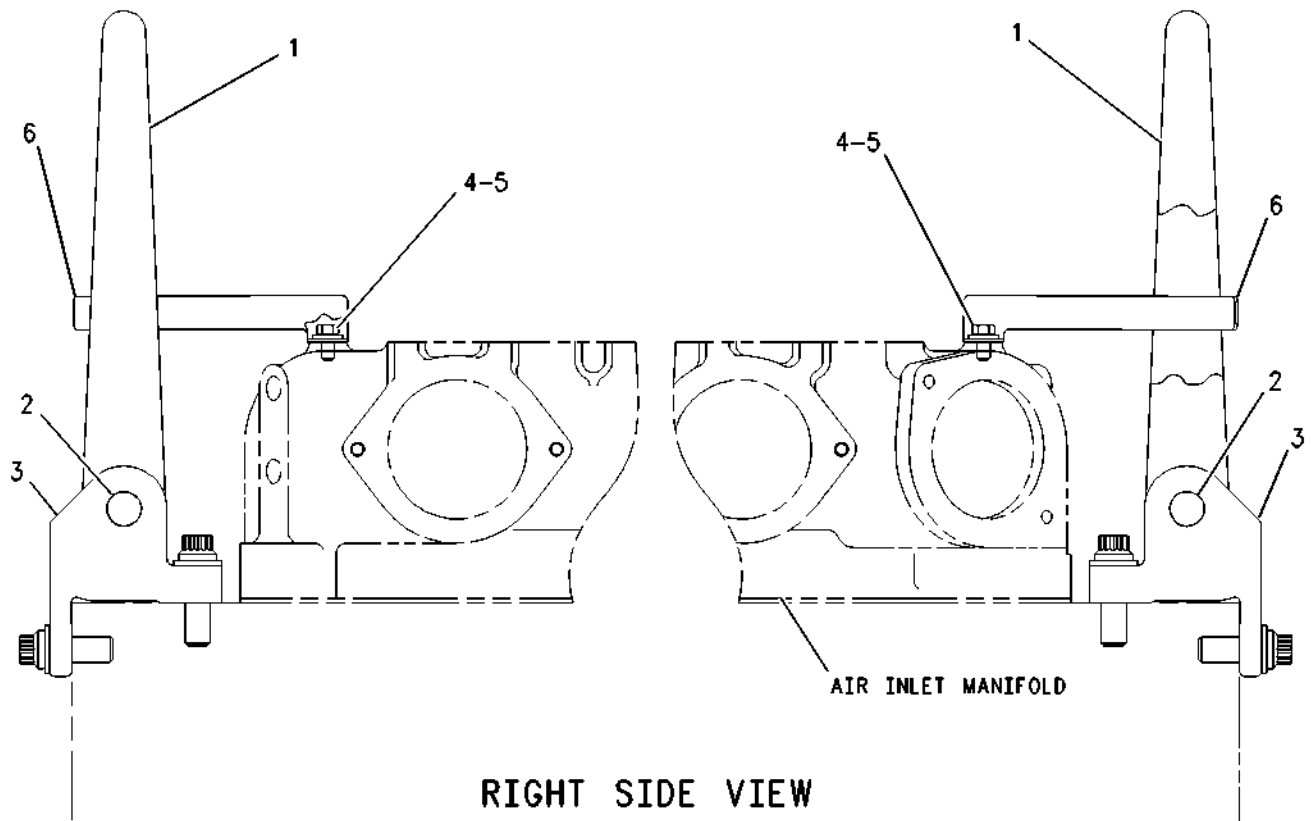
S/N: 2GR2952-UP

PART OF 155-5556 ENGINE AR

SMCS-1122

i01456245

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-2326	2	EYE-LIFTING						
	2	1	7N-2328	4	DOWEL (40MM OAL)						
	3	1	155-0726	2	BRACKET AS						
					(EACH INCLUDES 2 BRACKETS & HARDWARE)						
	4	1	0S-0509	4	BOLT (3/8-16X0.75 IN)						
	5	1	5P-1075	4	WASHER-HARD (10.2X22.5X3MM THK)						
	6	1	4P-4642	2	RETAINER-EYE						



GRAPHIC #1

<END>

g00766060

BASIC ENGINE

184-3239 MOUNTING GP-ALTERNATOR

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1405

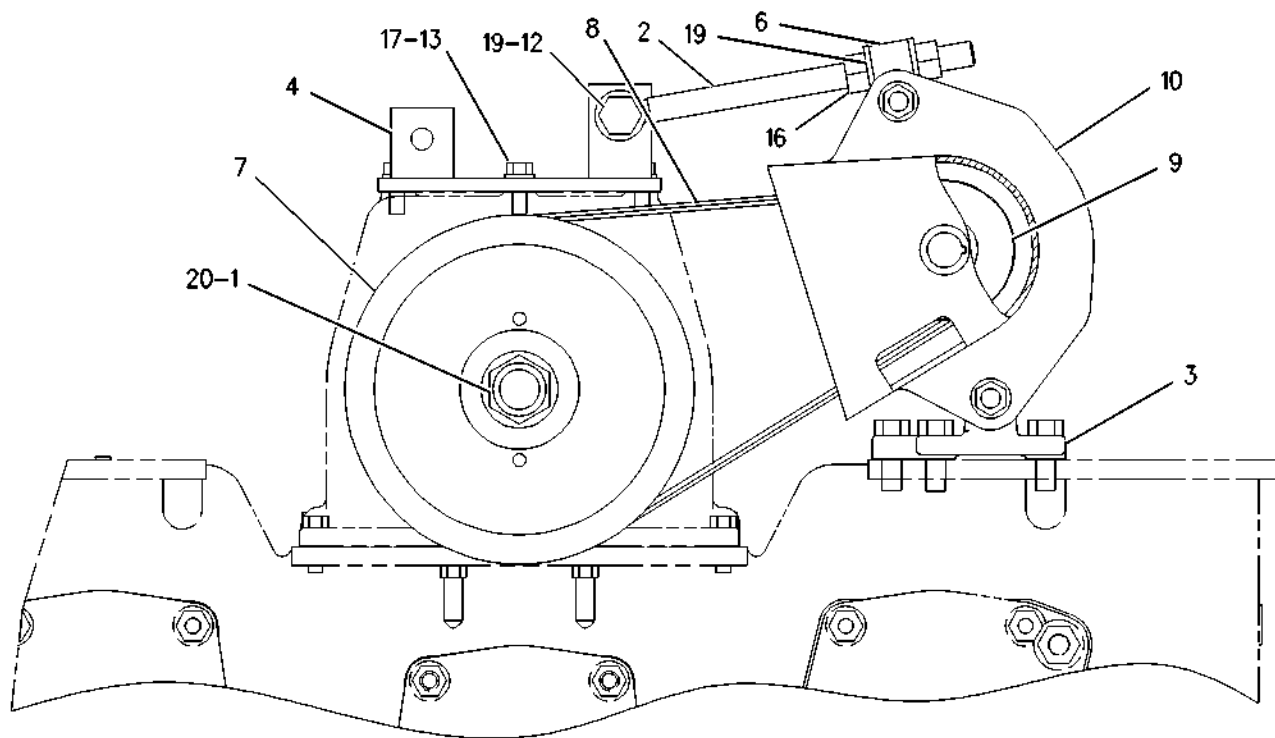
i01990593

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2K-7471	1	LOCKNUT (1-14 THD)						
	2	1	4S-5780	1	ROD						
	3	1	7E-6617	1	SUPPORT-ALTERNATOR						
	4	1	7E-6623	1	PLATE AS						
	5	1	7N-2597	1	SPACER (13.5X25.4X8.08MM THK)						
	6	1	8S-5383	1	BLOCK						
	7	1	100-3724	1	PULLEY						
	8	1	100-3725	1	V-BELT (ALTERNATOR)						
	9	1	138-2515	1	PULLEY						
	10	1	184-3238	1	GUARD AS-ALTERNATOR						
	11	1	188-4788	2	COUPLER						
	12	1	0S-1589	1	BOLT (5/8-11X1.75 IN)						
	13	1	0S-1594	4	BOLT (3/8-16X1 IN)						
	14	1	1D-4574	1	BOLT (1/2-13X6 IN)						
	15	1	1F-7958	2	NUT-FULL (1/2-13 THD)						
	16	1	4K-0367	2	NUT-FULL (5/8-11 THD)						
	17	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)						
	18	1	5P-8245	5	WASHER-HARD (13.5X25.5X3MM THK)						
	19	1	5P-8247	3	WASHER-HARD (17X32X3.5MM THK)						
	20	1	5P-8250	1	WASHER (28X49X5MM THK)						
	21	1	7B-3235	4	BOLT (1/2-13X1.375 IN)						
	22	1	9S-1366	1	BOLT (1/2-13X2.5 IN)						

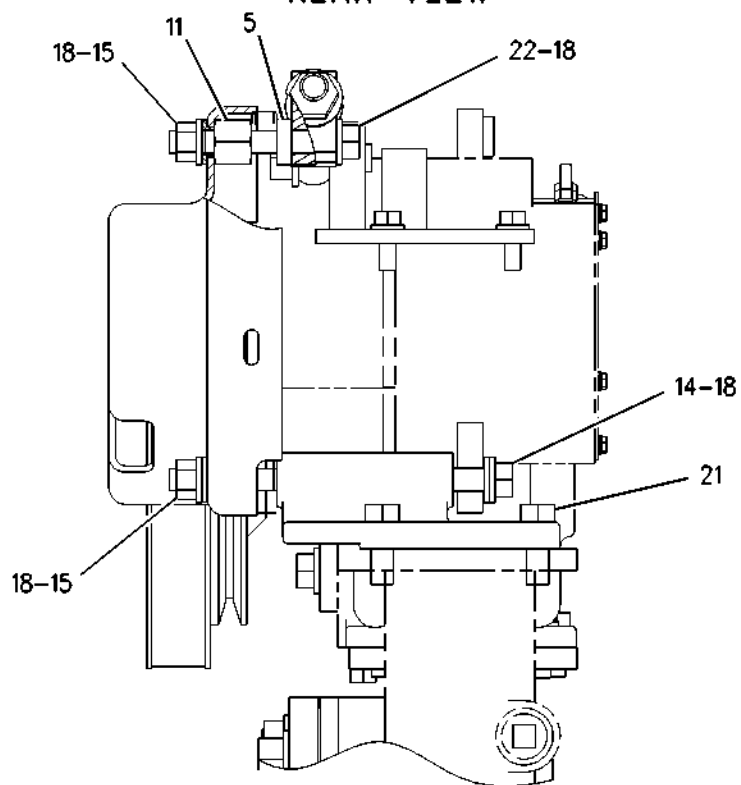
BASIC ENGINE

184-3239 MOUNTING GP-ALTERNATOR (contd.)

i01990593



REAR VIEW



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00767687

BASIC ENGINE

7E-6103 PAN GP-OIL

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1302

i02029693

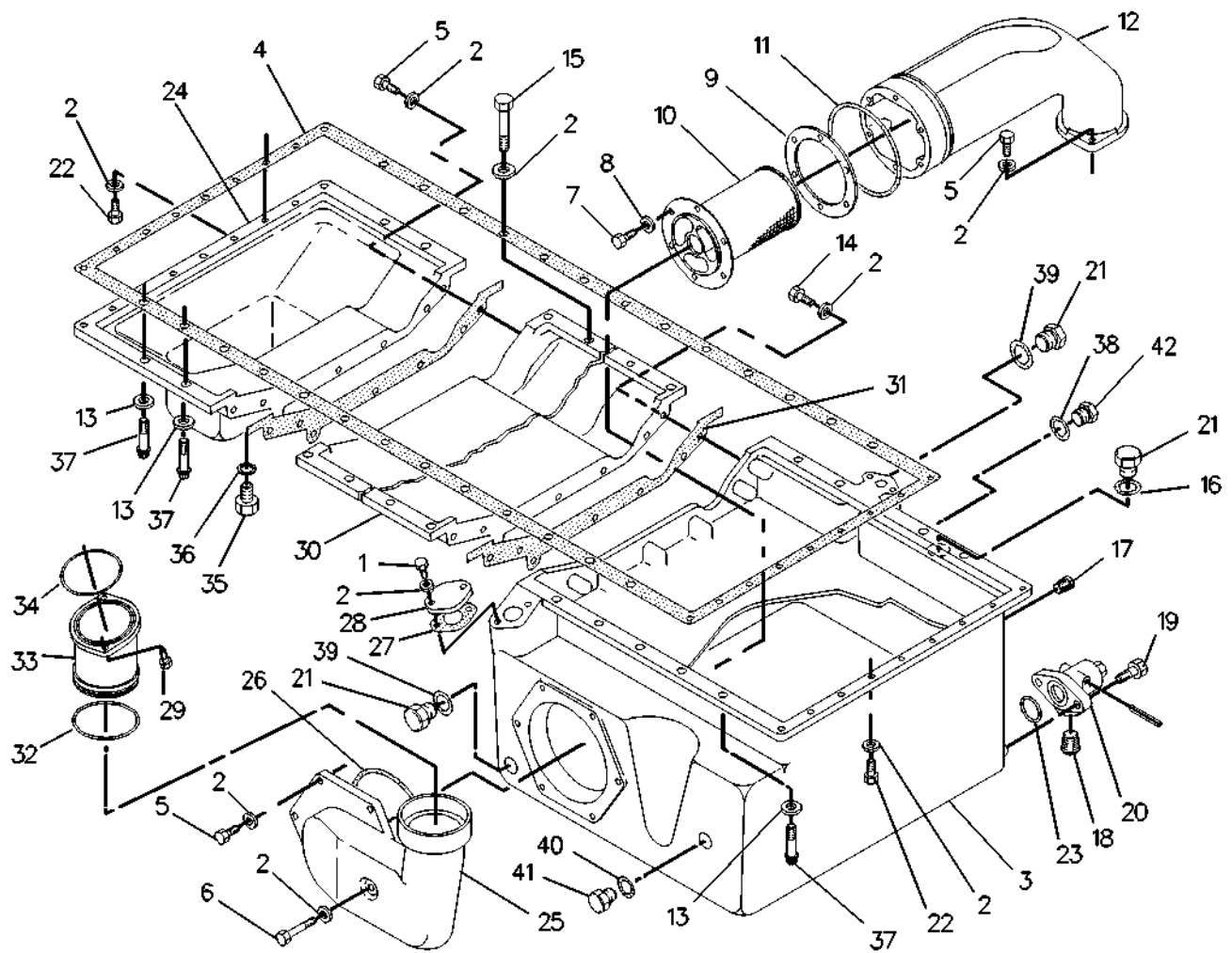
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	2	1	8M-3175	56	WASHER-HARD (10.2X16X3-MM THK)						
C	3	1	137-8254	1	PAN AS-OIL						
	4	1	7E-2631	1	GASKET-OIL PAN						
	5	1	0S-1591	7	BOLT (3/8-16X1.5-IN)						
	6	1	0T-0065	1	BOLT (3/8-16X3.5-IN)						
	7	1	2B-2695	6	BOLT (5/16-18X0.875-IN)						
	8	1	9M-1974	6	WASHER-HARD (8.8X16X2-MM THK)						
	9	1	7N-5418	1	FLANGE						
	10	1	7N-5395	1	SCREEN AS (ENGINE OIL PAN)						
	11	1	6V-5167	1	SEAL-O-RING						
	12	1	4W-9571	1	BELL-PUMP SUCTION						
	13	1	3H-7654	14	WASHER-HARD (13.5X22.5X3-MM THK)						
	14	1	2A-4639	16	BOLT (3/8-16X1.625-IN)						
	15	1	0S-1608	12	BOLT (3/8-16X3.75-IN)						
	16	1	5P-7701	1	SEAL-O-RING						
	17	1	7W-6492	1	PLUG-PIPE						
	18	1	8T-6761	1	PLUG-PIPE						
	19	1	0S-1587	2	BOLT (1/2-13X1.75-IN)						
C	20	1	6I-0724	1	ADAPTER-PLUG						
C		1	6I-0723	1	PLUG-OIL DRAIN (ENGINE OIL PAN)						
	21	1	9S-4181	4	PLUG						
	22	1	1T-0720	18	BOLT-12 POINT HEAD (3/8-16X1.25-IN)						
C	23	1	5P-8068	1	SEAL-O-RING						
	24	1	141-7103	1	PAN AS-OIL						
	25	1	7N-5417	1	ELBOW						
	26	1	7X-4810	1	SEAL-O-RING						
	27	1	4F-3765	1	GASKET-SHAFT						
	28	1	4N-0996	1	COVER						
	29	1	0S-1594	2	BOLT (3/8-16X25.4-IN)						
	30	1	137-8255	1	PAN-OIL						
	31	1	132-6260	2	SEAL-INTEGRAL						
	32	1	6V-0973	1	SEAL-O-RING						
	33	1	7W-5994	1	ELBOW						
	34	1	6V-5101	1	SEAL-O-RING						
	35	1	8T-9383	1	BOLT (1/2-13X0.75-IN)						
	36	1	6F-7062	1	WASHER (12.7X19.05X1.83-MM THK)						
	37	1	4K-5175	14	BOLT-12 POINT HEAD (1/2-13X1.5-IN)						
C	38	1	3D-2824	1	SEAL-O-RING						
	39	1	7M-8485	3	SEAL-O-RING						
C	40	1	2M-9780	1	SEAL-O-RING						
C	41	1	9S-4190	1	PLUG						
C	42	1	9S-4183	1	PLUG						

C-CHANGE FROM PREVIOUS TYPE

BASIC ENGINE

7E-6103 PAN GP-OIL (contd.)

i02029693



GRAPHIC #1

<END>

g00793459

BASIC ENGINE

101-0829 PISTON & ROD GP

S/N: 2GR1180-4492, 4494-4517

PART OF 155-5556 ENGINE AR

SMCS-1213, 1214, 1215, 1218, 1219, 1225, 1239

i01834385

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	144-0725	1	ROD AS						
		1	118-1655	1	BEARING-SLEEVE						
		1	7N-2043	1	DOWEL						
		1	7N-2405	4	BOLT-CONNECTING ROD						
	2	1	125-2782	1	SKIRT-PISTON						
R	3	1	144-0720	1	CROWN AS-PISTON						
	4	1	138-8507	1	PIN-PISTON						
	5	1	107-7330	1	BEARING-CONNECTING ROD (STANDARD)						
AB		1	107-7331		BEARING-CONNECTING ROD (0.63MM US ID)						
AB		1	107-7332		BEARING-CONNECTING ROD (1.27MM US ID)						
AB		1	107-7333		BEARING-CONNECTING ROD (0.25MM OS OD)						
AB		1	107-7334		BEARING-CONNECTING ROD (0.63MM US ID, 0.25MM OS OD)						
AB		1	107-7335		BEARING-CONNECTING ROD (1.27MM US ID, 0.25MM OS OD)						
	6	1	8N-7296	2	RETAINER-PIN						
	7	1	229-1631	1	RING-PISTON (TOP)						
	8	1	144-5695	1	RING-PISTON (INTERMEDIATE)						
	9	1	123-4268	1	RING-PISTON (OIL)						

A - NOT PART OF THIS GROUP

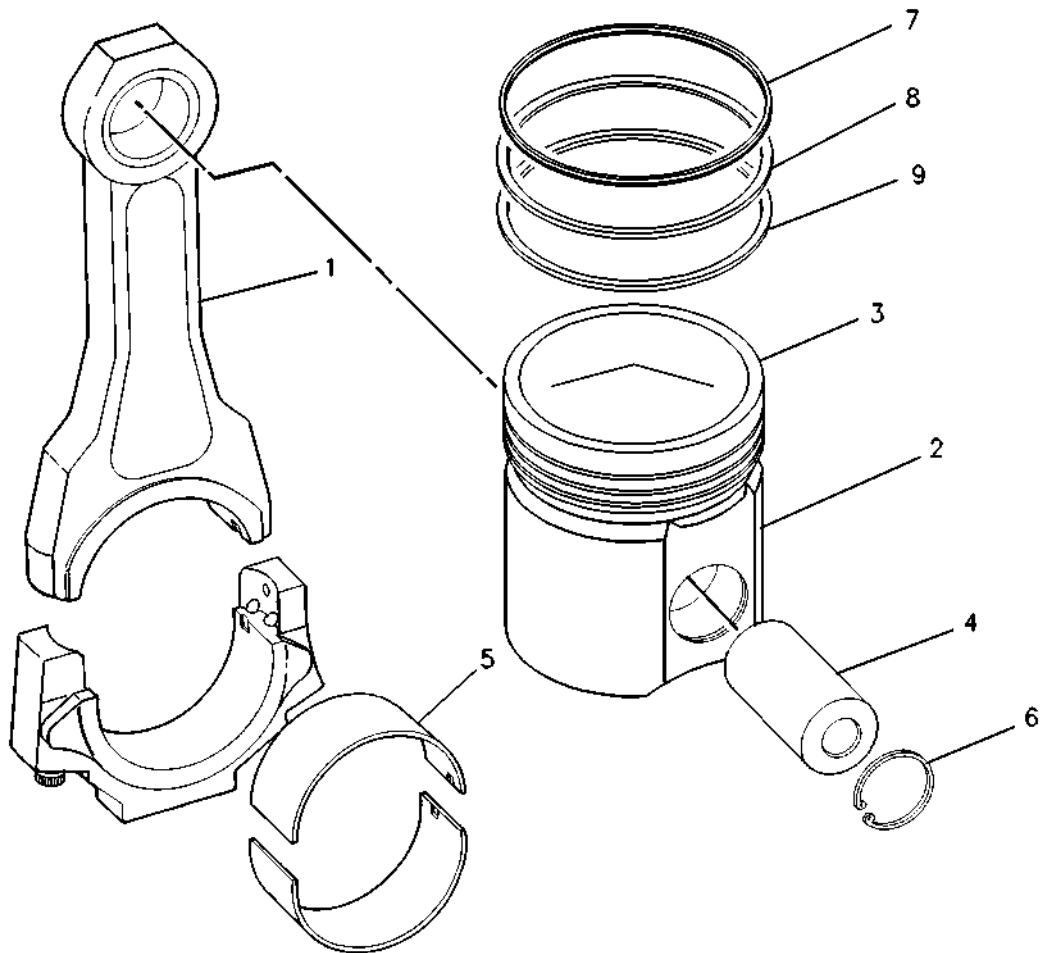
B - USE AS REQUIRED

R - REMFG PART MAY BE AVAILABLE

BASIC ENGINE

101-0829 PISTON & ROD GP (contd.)

i01834385



GRAPHIC #1

<END>

g00085724

BASIC ENGINE

223-6363 PISTON & ROD GP

S/N: 2GR4493, 4518-UP

PART OF 155-5556 ENGINE AR

SMCS-1213, 1214, 1215, 1218, 1219, 1225, 1239

i01933168

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	144-0725	1	ROD AS						
		1	7N-2043	1	DOWEL						
		1	7N-2405	4	BOLT-CONNECTING ROD						
		1	118-1655	1	BEARING-SLEEVE						
	2	1	107-7330	1	BEARING-CONNECTING ROD (STANDARD)						
AB		1	107-7331		BEARING-CONNECTING ROD (0.63MM US ID)						
AB		1	107-7332		BEARING-CONNECTING ROD (1.27MM US ID)						
AB		1	107-7333		BEARING-CONNECTING ROD (0.25MM OS OD)						
AB		1	107-7334		BEARING-CONNECTING ROD (0.63MM US ID, 0.25MM OS OD)						
AB		1	107-7335		BEARING-CONNECTING ROD (1.27MM US ID, 0.25MM OS OD)						
	3	1	144-5695	1	RING-PISTON (INTERMEDIATE)						
	4	1	197-0560	1	PIN-PISTON						
	5	1	214-6073	2	RETAINER						
	6	1	214-6066	1	RING-PISTON (TOP)						
	7	1	223-6361	1	RING-PISTON (OIL)						
	8	1	233-2431	1	PISTON AS						
	9	1	193-3282	1	RETAINER AS						
		1	6V-3537	1	DOWEL						
	10	1	204-5447	1	JET AS-PISTON COOLING						
	11	1	0T-0102	1	BOLT (3/8-16X0.625 IN)						
	12	1	1B-2790	1	BOLT (5/16-18X1.375 IN)						
	13	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5MM THK)						
	14	1	9M-1974	1	WASHER-HARD (8.8X16X2MM THK)						

A-NOT PART OF THIS GROUP

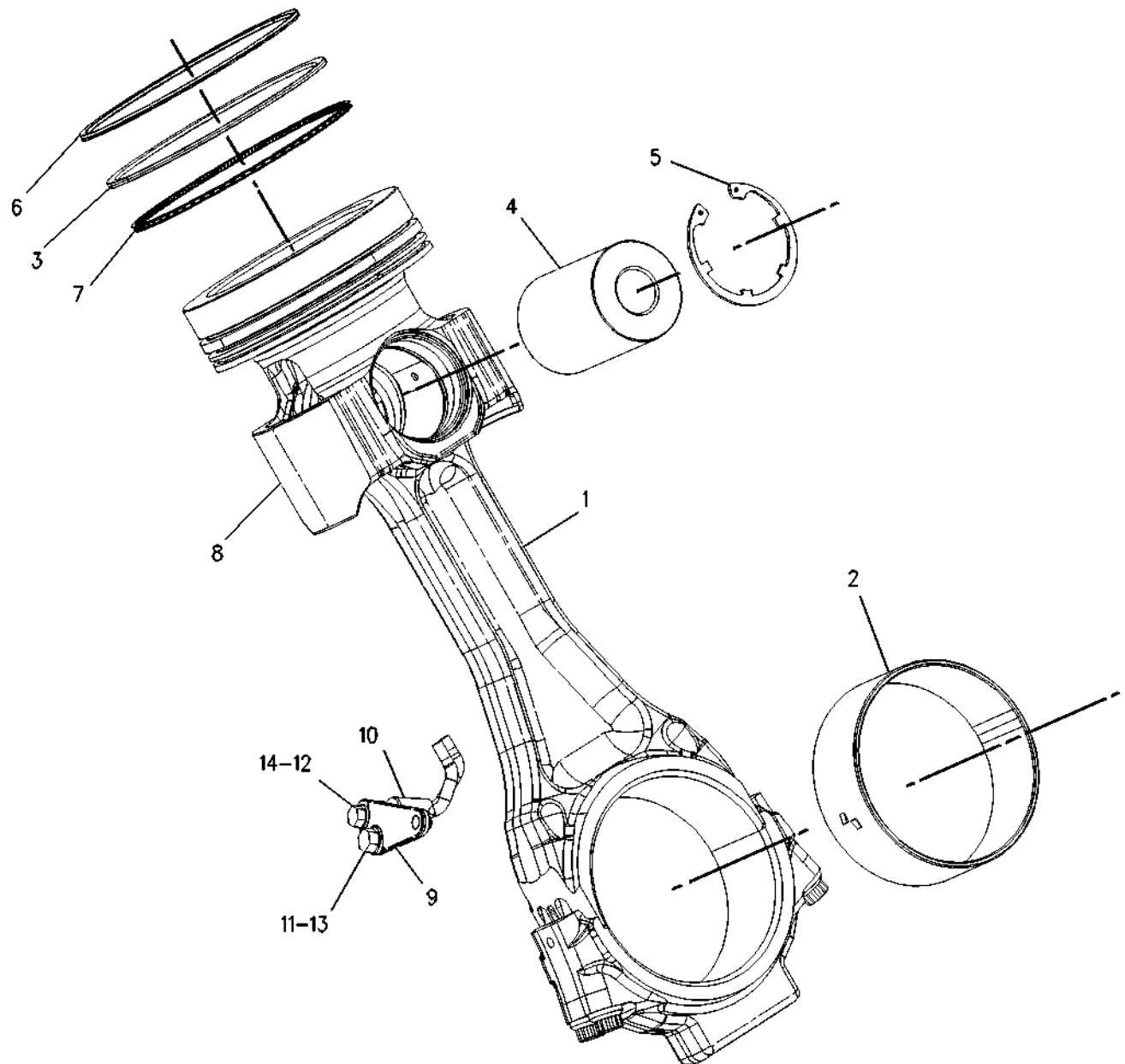
B-USE AS REQUIRED

R-REMFG PART MAY BE AVAILABLE

BASIC ENGINE

223-6363 PISTON & ROD GP (contd.)

i01933168



GRAPHIC #1

<END>

g01007083

BASIC ENGINE

184-2444 SEAL GP - CRANKSHAFT

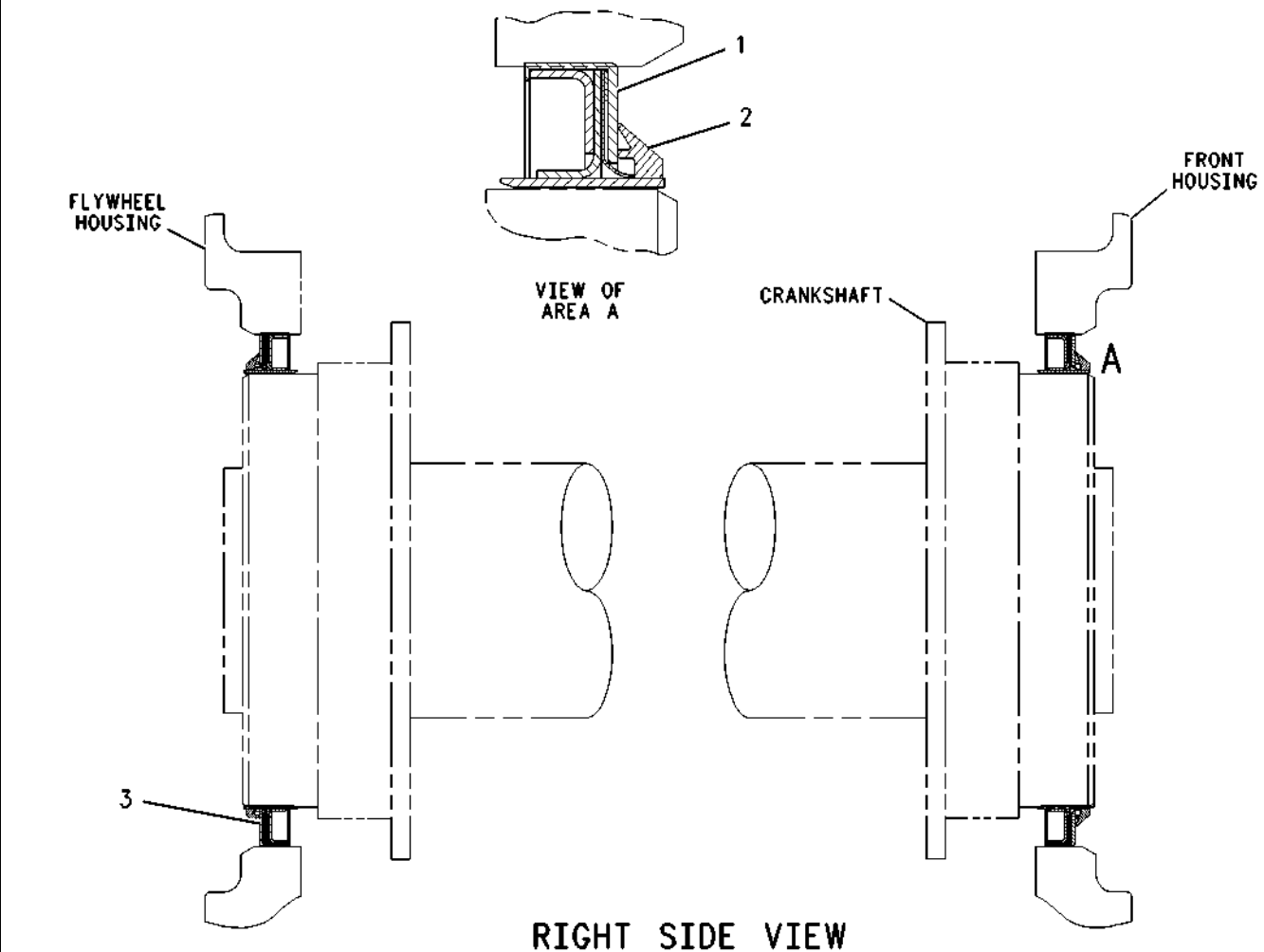
S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1160, 1161

i02000299

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	113-8432	1	SEAL GP - CRANKSHAFT (CW ROTATION)						
	2	1	184-2443	1	SEAL (DIRT)						
	3	1	197-3888	1	SEAL GP - CRANKSHAFT (CCW ROTATION)						



GRAPHIC #1

<END>

g00795326

BASIC ENGINE

8N-8114 SUPPORT GP-ENGINE

S/N: 7PZ1-UP

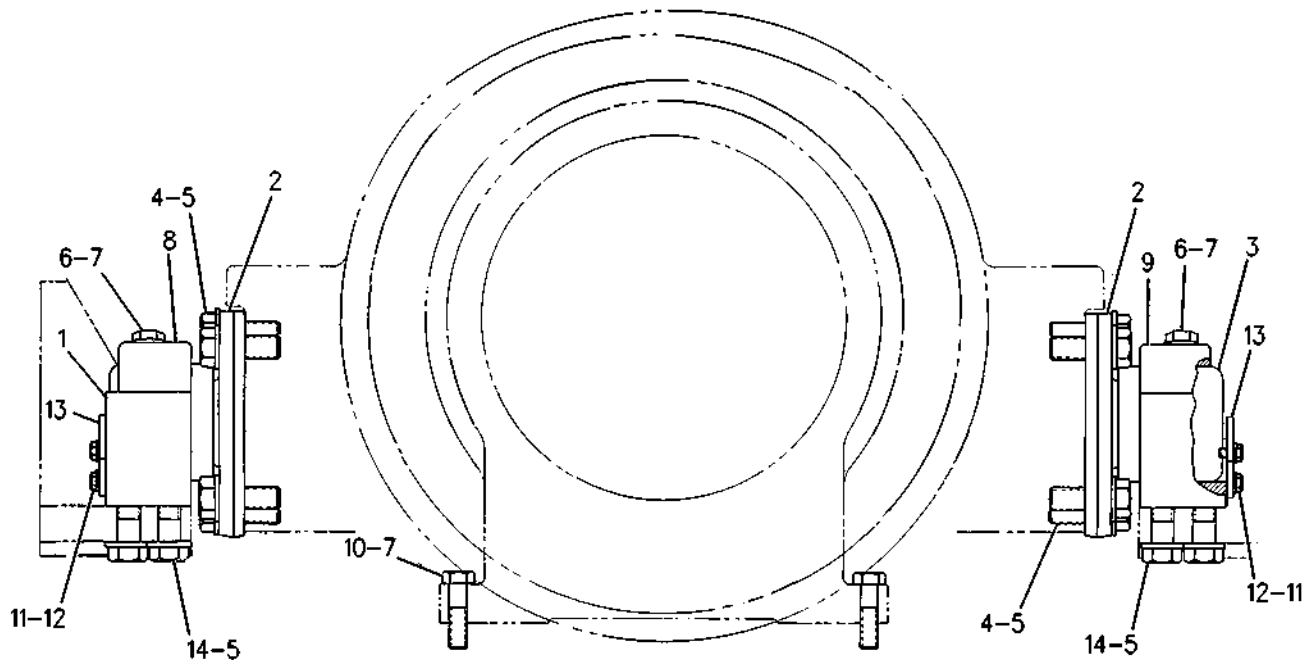
REAR

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1152, 1153, 1154

i01420609

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4W-1557	1	SUPPORT-LH						
	2	1	4W-1555	2	SUPPORT-ENGINE REAR						
	3	1	4W-0077	2	MOUNT AS						
	4	1	2H-3745	12	BOLT (1-14X2.75 IN)						
	5	1	5P-8250	20	WASHER (28X49X5MM THK)						
	6	1	3B-2968	4	BOLT (3/4-10X3.5 IN)						
	7	1	5P-8248	8	WASHER-HARD (20X36.5X3.5MM THK)						
	8	1	4W-1556	2	CAP						
	9	1	4W-1558	1	SUPPORT-RH						
	10	1	1D-4608	4	BOLT (3/4-10X2.75 IN)						
	11	1	5S-7379	4	BOLT (3/8-16X.875 IN)						
	12	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5MM THK)						
	13	1	2G-5538	2	PLATE						
	14	1	1D-4637	8	BOLT (1-8X3.25 IN)						



GRAPHIC #1

<END>

g00476648

BASIC ENGINE

7N-1863 TRUNNION GP-ENGINE

S/N: 2GR1180-UP

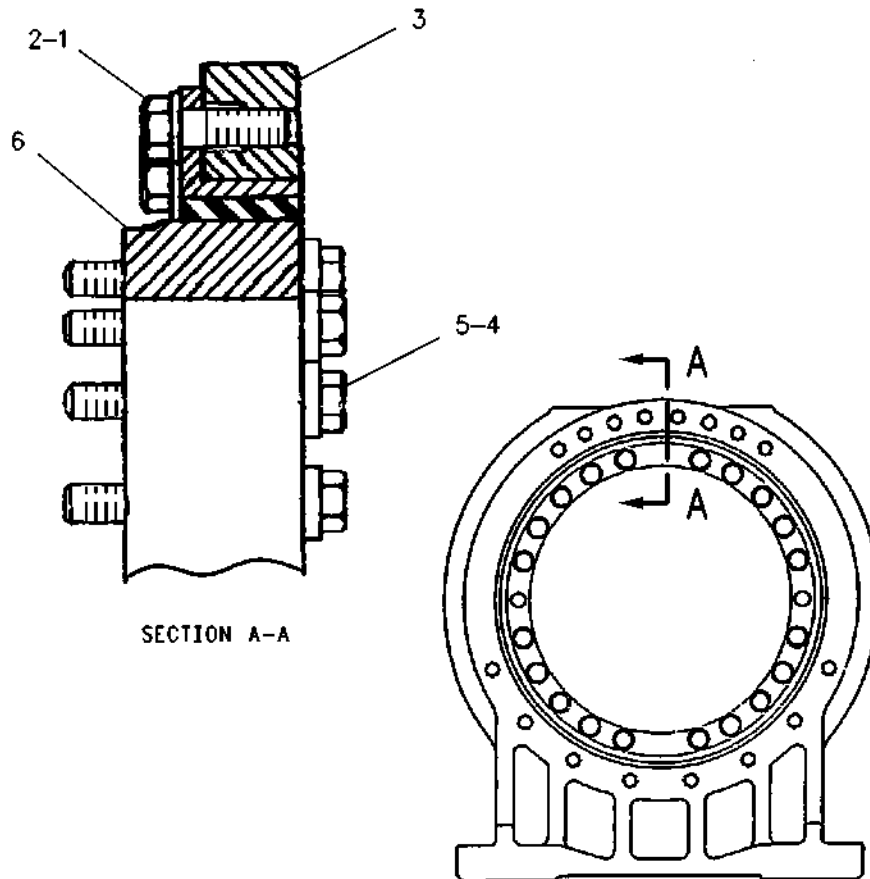
PART OF 155-5556 ENGINE AR

FOR USE WITH REMOTE MOUNTED TRANSMISSION WITH FLEXIBLE COUPLING BETWEEN FLYWHEEL
& TRANSMISSION, AND 3-POINT MOUNTING SYSTEM

SMCS-1152, 1153, 1154

i01935613

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	8S-4734	16	BOLT (9/16-12X2 IN)						
C	2	1	5P-8246	16	WASHER-HARD (15.5X29X3MM THK)						
	3	1	8N-1287	1	SUPPORT-OUTER						
	4	1	5P-8245	20	WASHER-HARD (13.5X25.5X3MM THK)						
	5	1	1D-4566	20	BOLT (1/2-13X3.5 IN)						
	6	1	9X-7438	1	MOUNT AS						
C-CHANGE FROM PREVIOUS TYPE											



GRAPHIC #1

<END>

g00621983

BASIC ENGINE

100-3905 VALVE MECHANISM GP

S/N: 2GR1180-3248

PART OF 155-5556 ENGINE AR

SMCS-1102, 1112, 1121, 1123, 1208, 1209

i02003631

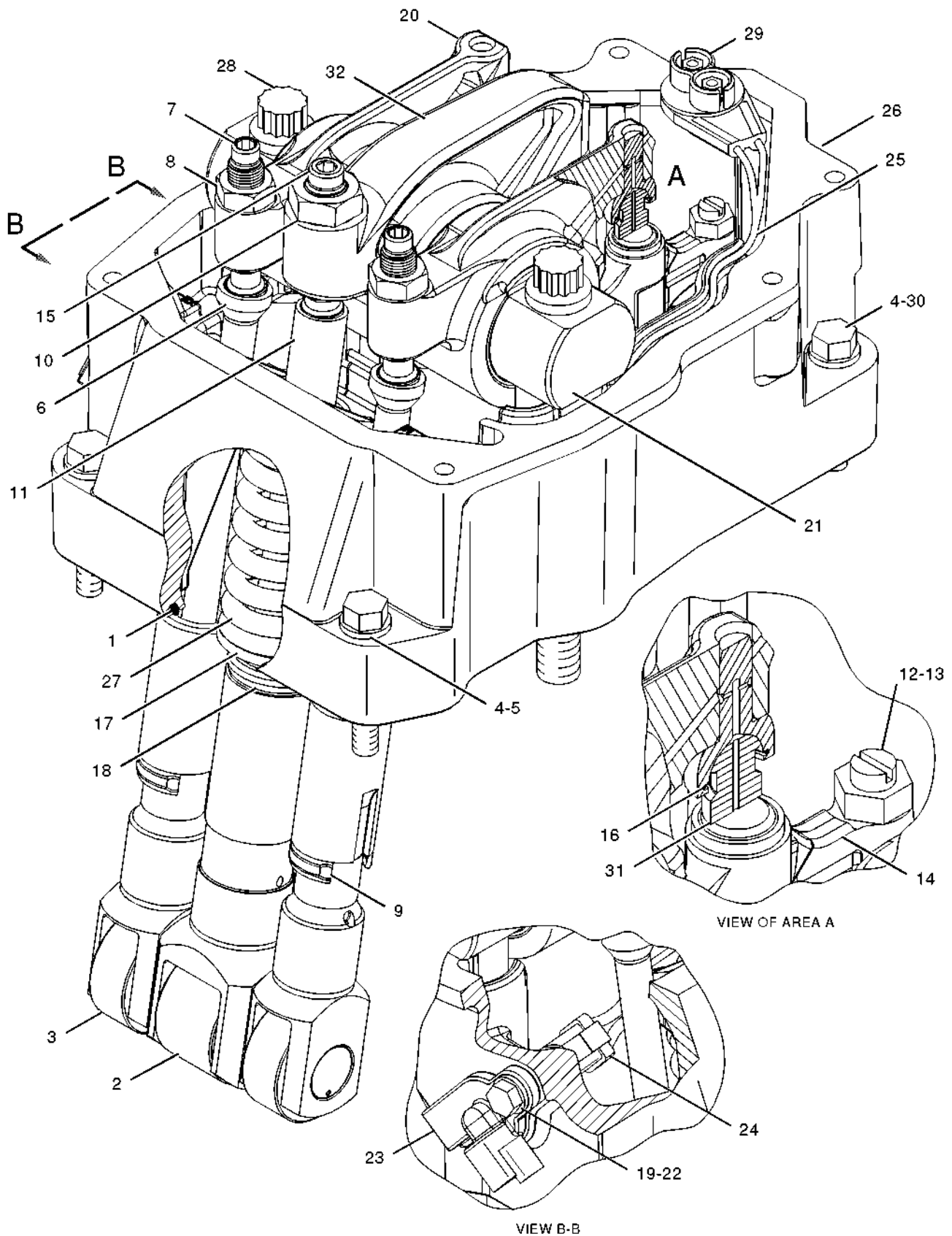
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	117-9315	1	SEAL	
R	2	1	136-9640	1	LIFTER AS-UNIT INJECTOR	
	3	1	184-2449	2	LIFTER AS-VALVE	
	4	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	5	1	0L-1143	2	BOLT (3/8-16X2.50 IN)	
	6	1	100-3880	2	PUSHROD-VALVE	
	7	1	200-2003	2	SCREW-ADJUSTING (1/2-20-3B THD X 2.42IN)	
	8	1	3J-9196	2	NUT-JAM (1/2-20 THD)	
	9	1	7N-4782	2	SPRING-LIFTER GUIDE	
	10	1	9S-1354	1	NUT (5/8-18 THD)	
	11	1	100-3879	1	PUSHROD	
	12	1	2N-5842	2	SCREW (3/8-24X1 IN)	
	13	1	9L-7712	2	NUT (3/8-24 THD)	
	14	1	129-4181	2	BRIDGE AS	
	15	1	230-2619	1	SCREW-ADJUSTING	
	16	1	9F-7707	3	RING-RETAINING	
	17	1	100-3877	1	RETAINER-SPRING	
	18	1	5P-7530	1	SEAL-O-RING	
	19	1	5P-0537	1	WASHER-HARD (7.2X14.5X2MM THK)	
R	20	1	154-6388	2	ROCKER ARM AS	
					(EACH INCLUDES)	
		1	8N-7197	1	SOCKET-ARM	
		1	230-2620	1	BEARING-SLEEVE	
	21	1	196-4791	1	SHAFT AS	
	22	1	0S-1615	1	BOLT (1/4-20X0.75 IN)	
	23	1	9X-0352	1	RECEPTACLE AS	
	24	1	6J-2245	1	SEAL-O-RING	
	25	1	132-6469	1	HARNESS AS-WIRING (VALVE MECHANISM)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS. AND WEDGE)	
Y	26	1	120-7413	1	BASE GP-VALVE COVER	7
	27	1	100-3878	1	SPRING-INJECTOR	
	28	1	8D-7942	2	BOLT-12 POINT HEAD (5/8-11X6.5 IN)	
	29	1	7E-6508	1	CAP AS	
	30	1	0S-1590	2	BOLT (3/8-16X2 IN)	
	31	1	154-6389	3	BUTTON	
R	32	1	196-4793	1	ROCKER ARM AS	
		1	8N-7197	1	SOCKET-ARM	
		1	230-2620	1	BEARING-SLEEVE	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

100-3905 VALVE MECHANISM GP (contd.)

102003631



GRAPHIC #1

<END>

g01025240

BASIC ENGINE

195-1928 VALVE MECHANISM GP

S/N: 2GR3249-3945, 3947-4037, 4039-4088, 4090-4104

PART OF 155-5556 ENGINE AR

SMCS-1102, 1112, 1121, 1123, 1208, 1209

i01980187

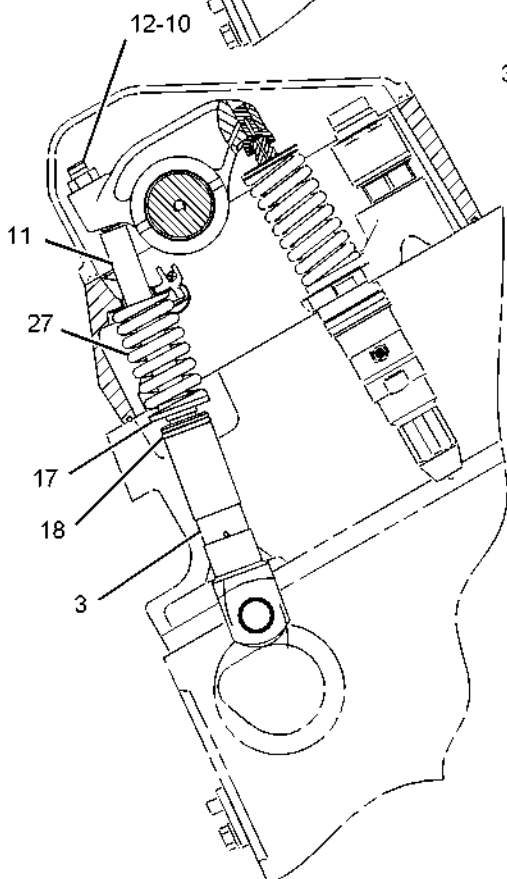
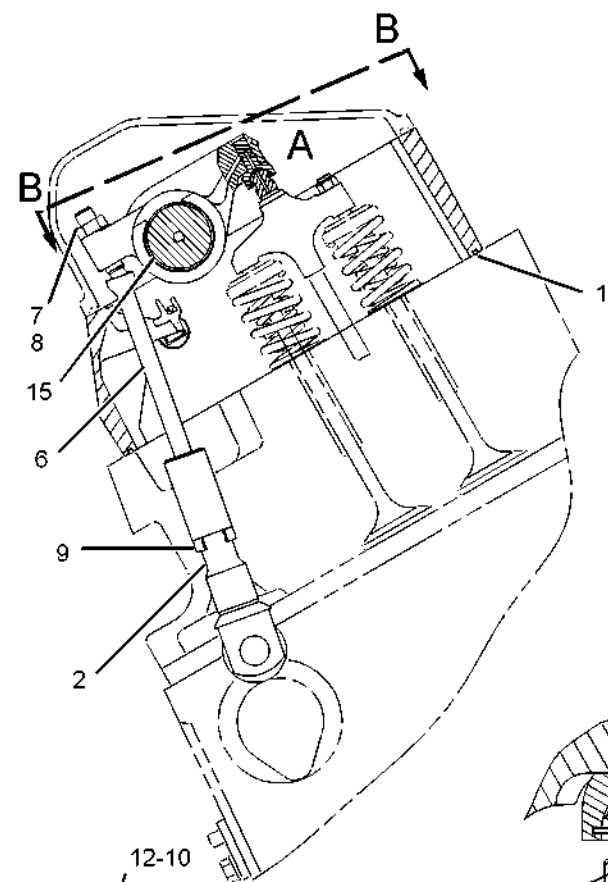
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	117-9315	1	SEAL	
R	2	1	192-8746	2	LIFTER AS (VALVE)	
R	3	1	192-8747	1	LIFTER AS (INJECTOR)	
	4	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	5	1	0L-2070	2	BOLT (3/8-16X2.25 IN)	
	6	1	100-3880	2	PUSHROD-VALVE	
	7	1	200-2003	2	SCREW-ADJUSTING (1/2-20-3B THD X 2.42IN)	
	8	1	3J-9196	2	NUT-JAM (1/2-20 THD)	
	9	1	7N-4782	2	SPRING-LIFTER GUIDE	
	10	1	9S-1354	1	NUT (5/8-18 THD)	
	11	1	100-3879	1	PUSHROD	
	12	1	230-2619	1	SCREW-ADJUSTING	
R	13	1	230-2621	2	ROCKER ARM AS	
					(EACH INCLUDES)	
		1	8N-7197	1	SOCKET-ARM	
		1	230-2620	1	BEARING-SLEEVE	
R	14	1	230-2622	1	ROCKER ARM AS	
		1	8N-7197	1	SOCKET-ARM	
		1	230-2620	1	BEARING-SLEEVE	
	15	1	230-2633	1	SHAFT AS	
	16	1	9F-7707	3	RING-RETAINING	
	17	1	100-3877	1	RETAINER-SPRING	
	18	1	5P-7530	1	SEAL-O-RING	
	19	1	5P-0537	1	WASHER-HARD (7.2X14.5X2MM THK)	
	20	1	230-3152	2	BRIDGE (EXHAUST)	
	21	1	230-3153	2	BRIDGE (INLET)	
	22	1	0S-1615	1	BOLT (1/4-20X0.75 IN)	
	23	1	9X-0352	1	RECEPTACLE AS	
	24	1	6J-2245	1	SEAL-O-RING	
	25	1	132-6469	1	HARNESS AS-WIRING (INJECTOR TO ENGINE)	
Y	26	1	120-7413	1	BASE GP-VALVE COVER	7
	27	1	100-3878	1	SPRING-INJECTOR	
	28	1	8D-7942	2	BOLT-12 POINT HEAD (5/8-11X6.5 IN)	
	29	1	7E-6508	1	CAP AS	
	30	1	0S-1590	2	BOLT (3/8-16X2 IN)	
	31	1	154-6389	3	BUTTON	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

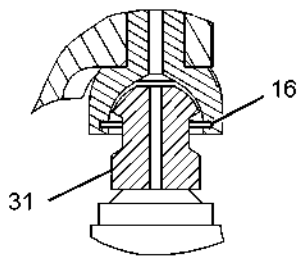
BASIC ENGINE

195 - 1928 VALVE MECHANISM GP (contd.)

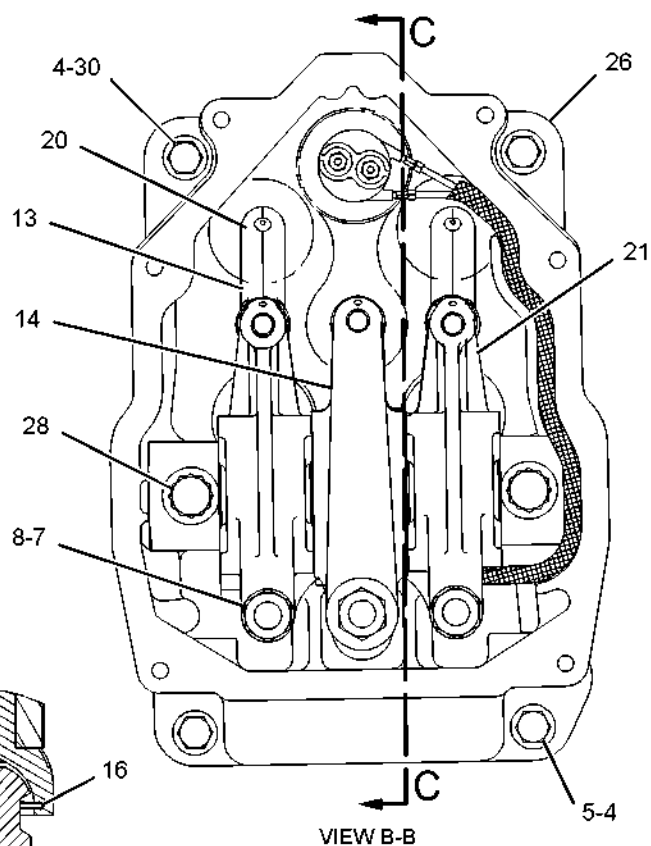
i01980187



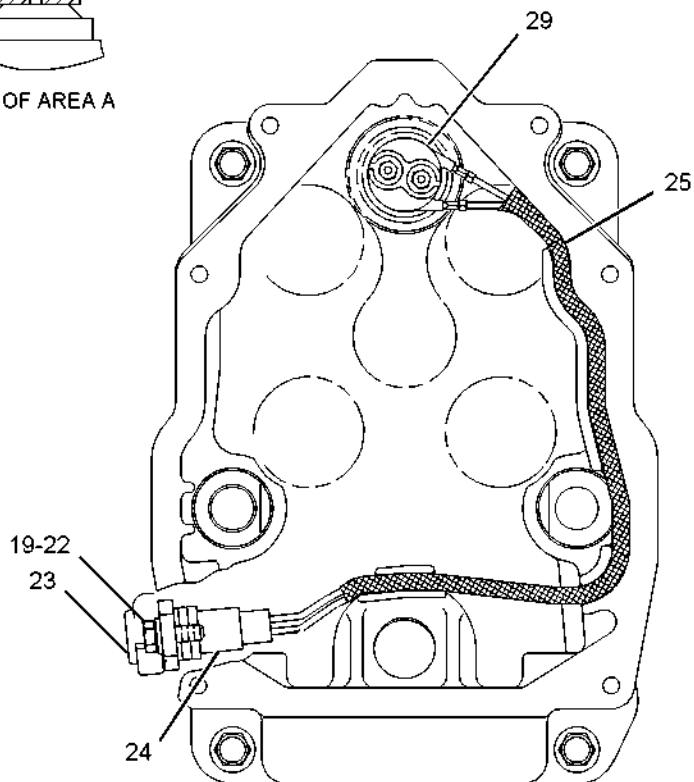
SECTION C-C



VIEW OF AREA A



VIEW B-B



WIRING DIAGRAM

GRAPHIC #1

<END>

g01026460

BASIC ENGINE

224-9869 VALVE MECHANISM GP

S/N: 2GR3946, 4038, 4089, 4105-4582

PART OF 155-5556 ENGINE AR

SMCS-1102, 1112, 1121, 1123, 1208, 1209

i02005422

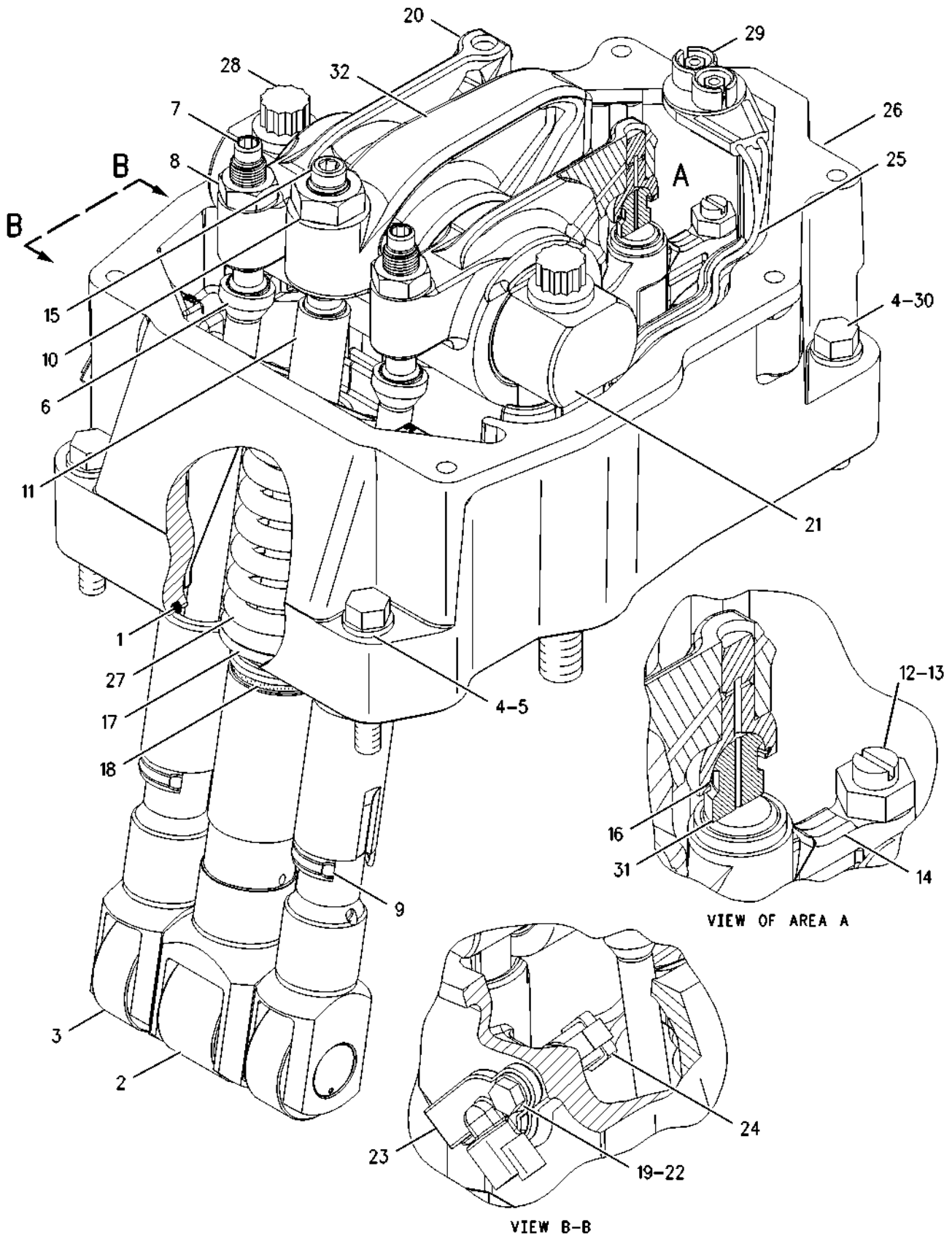
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	117-9315	1	SEAL	
R	2	1	197-7004	1	LIFTER AS-INJECTOR (INJECTOR)	
R	3	1	229-5490	2	LIFTER AS-VALVE	
	4	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	5	1	0L-2070	2	BOLT (3/8-16X2.25 IN)	
	6	1	100-3880	2	PUSHROD-VALVE	
	7	1	200-2003	2	SCREW-ADJUSTING (1/2-20-3B THD X 2.42IN)	
	8	1	3J-9196	2	NUT-JAM (1/2-20 THD)	
	9	1	7N-4782	2	SPRING-LIFTER GUIDE	
	10	1	9S-1354	1	NUT (5/8-18 THD)	
	11	1	100-3879	1	PUSHROD	
	12	1	2N-5842	2	SCREW (3/8-24X1 IN)	
	13	1	9L-7712	2	NUT (3/8-24 THD)	
	14	1	129-4181	2	BRIDGE AS	
	15	1	230-2619	1	SCREW-ADJUSTING	
	16	1	9F-7707	3	RING-RETAINING	
	17	1	100-3877	1	RETAINER-SPRING	
	18	1	5P-7530	1	SEAL-O-RING	
	19	1	5P-0537	1	WASHER-HARD (7.2X14.5X2MM THK)	
R	20	1	154-6388	2	ROCKER ARM AS	
					(EACH INCLUDES)	
		1	8N-7197	1	SOCKET-ARM	
		1	123-4271	1	BEARING-SLEEVE	
	21	1	196-4791	1	SHAFT AS	
	22	1	0S-1615	1	BOLT (1/4-20X0.75 IN)	
	23	1	9X-0352	1	RECEPTACLE AS	
	24	1	6J-2245	1	SEAL-O-RING	
	25	1	132-6469	1	HARNESS AS-WIRING (VALVE MECHANISM)	
Y	26	1	120-7413	1	BASE GP-VALVE COVER	7
	27	1	100-3878	1	SPRING-INJECTOR	
	28	1	8D-7942	2	BOLT-12 POINT HEAD (5/8-11X6.5 IN)	
	29	1	7E-6508	1	CAP AS	
	30	1	0S-1590	2	BOLT (3/8-16X2 IN)	
	31	1	154-6389	3	BUTTON	
R	32	1	196-4793	1	ROCKER ARM AS	
		1	8N-7197	1	SOCKET-ARM	
		1	123-4271	1	BEARING-SLEEVE	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

224-9869 VALVE MECHANISM GP (contd.)

i02005422



GRAPHIC #1

<END>

g00944866

BASIC ENGINE

224-9869 VALVE MECHANISM GP

S/N: 2GR4583-UP

PART OF 155-5556 ENGINE AR

SMCS-1102, 1112, 1121, 1123, 1208, 1209

i02005418

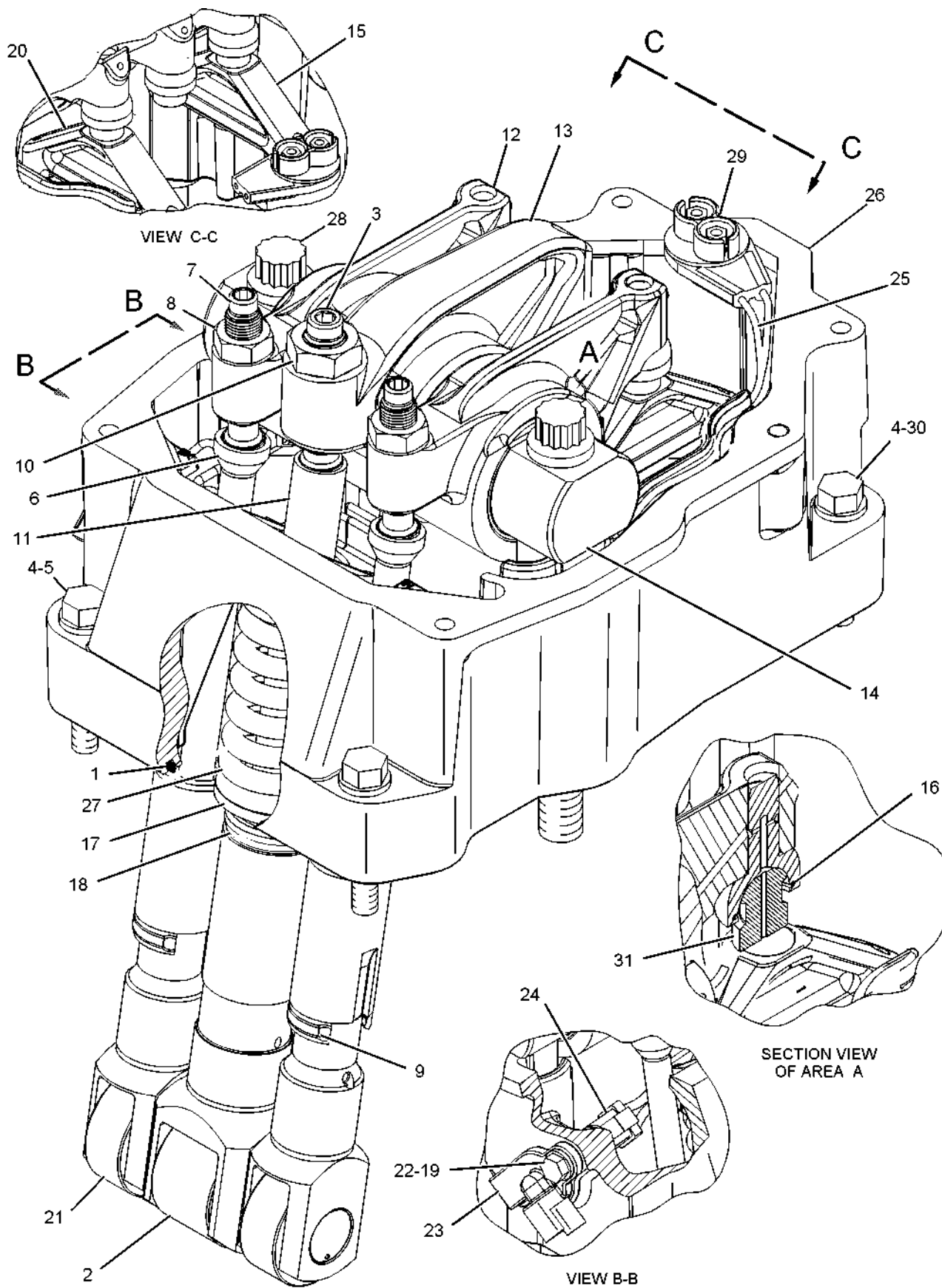
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	117-9315	1	SEAL	
R	2	1	197-7004	1	LIFTER AS-INJECTOR	
	3	1	230-2619	1	SCREW-ADJUSTING	
	4	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	5	1	0L-2070	2	BOLT (3/8-16X2.25 IN)	
	6	1	100-3880	2	PUSHROD-VALVE	
	7	1	200-2003	2	SCREW-ADJUSTING (1/2-20-3B THD X 2.42IN)	
	8	1	3J-9196	2	NUT-JAM (1/2-20 THD)	
	9	1	7N-4782	2	SPRING-LIFTER GUIDE	
	10	1	9S-1354	1	NUT (5/8-18 THD)	
	11	1	100-3879	1	PUSHROD	
CR	12	1	230-2621	2	ROCKER ARM AS (EACH INCLUDES)	
		1	8N-7197		SOCKET-ARM	
		1	230-2620		BEARING-SLEEVE	
CR	13	1	230-2622	1	ROCKER ARM AS	
		1	8N-7197		SOCKET-ARM	
		1	230-2620		BEARING-SLEEVE	
C	14	1	230-2633	1	SHAFT AS	
	15	1	230-3152	1	BRIDGE (EXHAUST)	
	16	1	9F-7707	3	RING-RETAINING	
	17	1	100-3877	1	RETAINER-SPRING	
	18	1	5P-7530	1	SEAL-O-RING	
	19	1	5P-0537	1	WASHER-HARD (7.2X14.5X2MM THK)	
	20	1	230-3153	1	BRIDGE (INLET)	
R	21	1	230-7875	2	LIFTER AS-VALVE	
	22	1	0S-1615	1	BOLT (1/4-20X0.75 IN)	
	23	1	9X-0352	1	RECEPTACLE AS	
	24	1	6J-2245	1	SEAL-O-RING	
	25	1	132-6469	1	HARNESS AS-WIRING (VALVE MECHANISM)	
Y	26	1	120-7413	1	BASE GP-VALVE COVER	7
	27	1	100-3878	1	SPRING-INJECTOR	
	28	1	8D-7942	2	BOLT-12 POINT HEAD (5/8-11X6.5 IN)	
	29	1	7E-6508	1	CAP AS	
	30	1	0S-1590	2	BOLT (3/8-16X2 IN)	
	31	1	154-6389	3	BUTTON	

C-CHANGE FROM PREVIOUS TYPE
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

224-9869 VALVE MECHANISM GP (contd.)

102005418



GRAPHIC #1

<END>

g01023668

BASIC ENGINE

1W-8160 YOKE GP

S/N: 7PZ1-UP

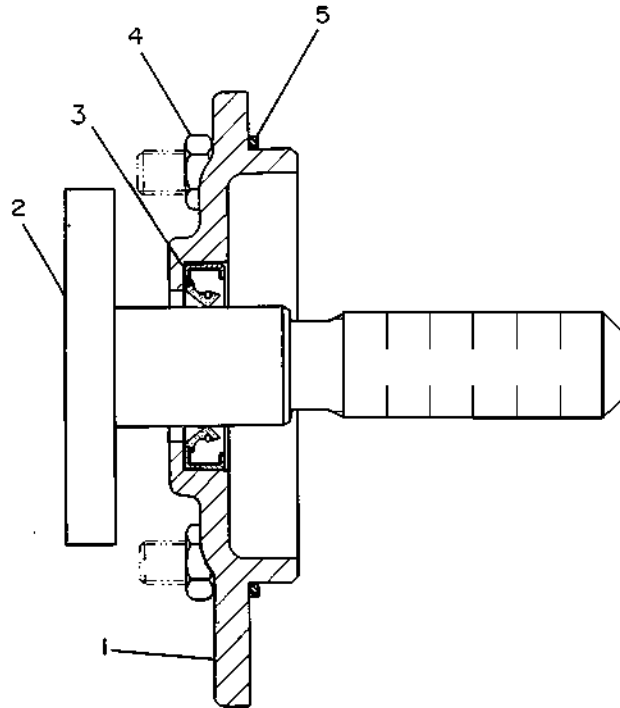
ACCESSORY DRIVE

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1207, 3108

i00681624

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8N-7574	1	COVER-REAR GEAR						
	2	1	7G-7014	1	FLANGE-STUB						
	3	1	8T-2230	1	SEAL-LIP						
	4	1	6V-8188	4	NUT (1/2-13 THD)						
	5	1	6V-8260	1	SEAL-O-RING (123.42MM ID)						



GRAPHIC #1

<END>

g00219283

LUBRICATION SYSTEM

7E-9081 BREATHER GP-CRANKCASE

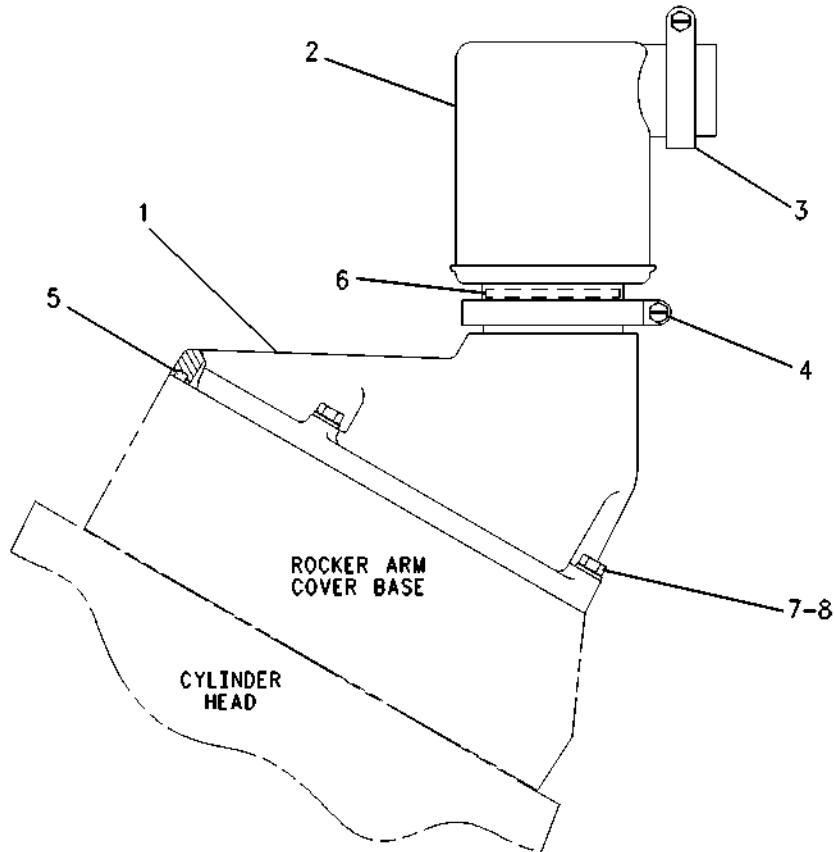
S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1317

i01726177

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	101-4199	1	COVER AS						
	2	1	4W-3027	1	BREATHER AS (ENGINE)						
	3	1	5P-0597	1	CLAMP-HOSE						
	4	1	4W-3034	1	CLAMP						
	5	1	208-2364	1	SEAL						
	6	1	033-6031	1	SEAL-O-RING						
	7	1	1A-9579	4	BOLT (5/16-18X1.5 IN)						
	8	1	9M-1974	4	WASHER-HARD (8.8X16X2MM THK)						



GRAPHIC #1

<END>

g00910023

LUBRICATION SYSTEM

1W-0419 FILLER GP-ENGINE OIL

S/N: 2GR1180-UP

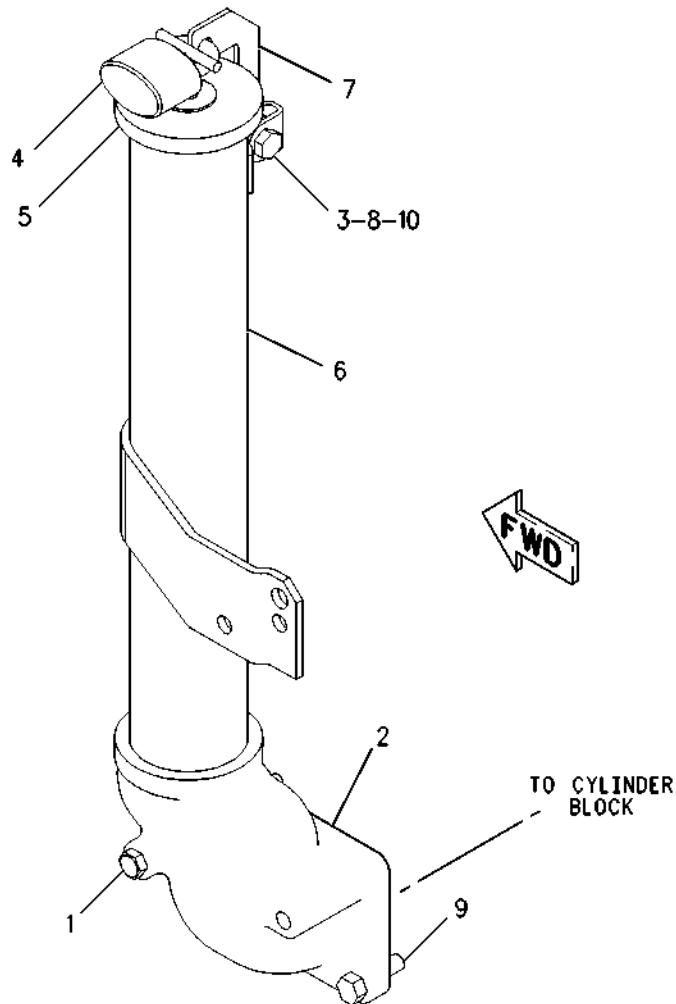
PART OF 155-5556 ENGINE AR

SMCS-1316

i02029681

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0T-0055	1	BOLT (3/8-16X4.25-IN)						
C	2	1	2W-0752	1	GASKET						
	3	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	4	1	5P-8502	1	PADLOCK GP (ENGINE OIL FILL TUBE)						
		1	5P-8500	1	KEY						
		1	8Y-6364	1	SLEEVE						
C	5	1	6N-2206	1	CAP AS-OIL FILLER (ENGINE)						
C	6	1	7C-4060	1	TUBE AS						
C	7	1	7C-5694	1	HASP						
C	8	1	039-6937	1	BOLT-SHOULDER (1/4-20X1-IN)						
	9	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
C	10	1	2D-6235	1	LOCKNUT (1/4-20-THD)						

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00767559

LUBRICATION SYSTEM

1W-0714 FILTER GP-ENGINE OIL

S/N: 2GR1180-2632

PART OF 155-5556 ENGINE AR

SMCS-1306, 1308, 1318

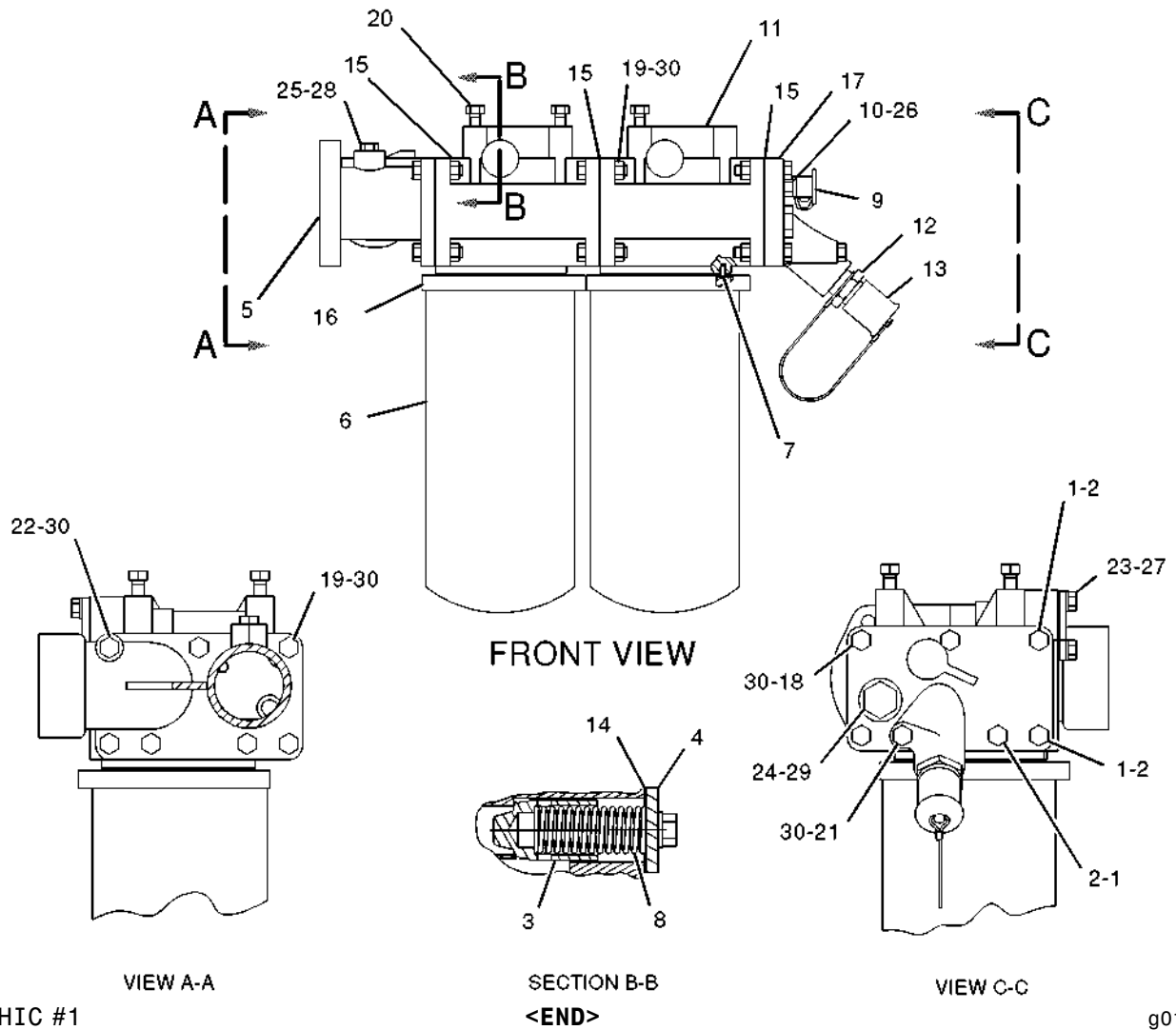
i02001604

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	0S-1571	3	BOLT (3/8-16X1.75 IN)						
B	2	1	9S-8752	3	NUT-FULL (3/8-16 THD)						
	3	1	1P-1367	2	PLUNGER						
	4	1	1S-7106	2	COVER						
	5	1	1W-2750	1	ADAPTER-BASE						
	6	1	2P-4005	2	FILTER AS-ENGINE OIL						
	7	1	7F-9090	4	SCREW-DRIVE (NO 8X3/8 IN)						
	8	1	7G-6713	2	SPRING-MAIN						
	9	1	8C-3445	1	CAP-DUST						
	10	1	8C-3446	1	VALVE AS-FLUID SAMPLING						
	11	1	8N-2001	2	BASE AS-OIL FILTER						
					(EACH INCLUDES)						
		1	2P-4304	1	STUD-TAPERLOCK						
	12	1	9S-9271	1	COUPLER-MALE						
	13	1	9S-9272	1	CAP AS (ENGINE OIL)						
	14	1	9Y-8387	2	GASKET						
	15	1	9Y-8388	3	GASKET						
	16	1	111-6119	2	SHIELD						
	17	1	141-7110	1	PLATE-DRAIN						
	18	1	0S-1571	3	BOLT (3/8-16X1.75 IN)						
	19	1	0S-1591	13	BOLT (3/8-16X1.5 IN)						
	20	1	0S-1594	6	BOLT (3/8-16X25.4 IN)						
	21	1	0S-1608	1	BOLT (3/8-16X3.75 IN)						
	22	1	1A-5964	1	BOLT (3/8-16X4.5 IN)						
	23	1	2B-2695	4	BOLT (5/16-18X0.875 IN)						
	24	1	2M-9780	1	SEAL-O-RING						
	25	1	3J-7354	1	SEAL-O-RING						
	26	1	6V-5048	1	SEAL-O-RING						
	27	1	9M-1974	4	WASHER-HARD (8.8X16X2MM THK)						
	28	1	9S-4182	1	PLUG						
	29	1	9S-4190	1	PLUG						
	30	1	9S-8752	18	NUT-FULL (3/8-16 THD)						
B-USE AS REQUIRED											

LUBRICATION SYSTEM

1W-0714 FILTER GP-ENGINE OIL (contd.)

i02001604



GRAPHIC #1

g01038086

LUBRICATION SYSTEM

1W-0714 FILTER GP-ENGINE OIL

S/N: 2GR2633-UP

PART OF 155-5556 ENGINE AR

SMCS-1306, 1308, 1318

i02029683

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	0S-1571	3	BOLT (3/8-16X1.75-IN)						
B	2	1	9S-8752	3	NUT-FULL (3/8-16-THD)						
	3	1	1P-1367	2	PLUNGER						
	4	1	1S-7106	2	COVER						
	5	1	1W-2750	1	ADAPTER-BASE						
	6	1	2P-4005	2	FILTER AS-ENGINE OIL						
	7	1	7F-9090	4	SCREW-DRIVE (NO 8X3/8-IN)						
	8	1	7G-6713	2	SPRING-MAIN						
	9	1	8C-3445	1	CAP-DUST						
	10	1	8C-3446	1	VALVE AS-FLUID SAMPLING						
	11	1	9S-9271	1	COUPLER-MALE						
	12	1	9S-9272	1	CAP AS (ENGINE OIL)						
	13	1	9Y-8387	2	GASKET						
C	14	1	9Y-8388	2	GASKET						
	15	1	111-6119	2	SHIELD						
	16	1	141-7110	1	PLATE-DRAIN						
C	17	1	151-9270	1	BASE AS-OIL FILTER						
		1	2P-4304	2	STUD-TAPERLOCK						
	18	1	0S-1571	3	BOLT (3/8-16X1.75-IN)						
C	19	1	0S-1591	6	BOLT (3/8-16X1.5-IN)						
	20	1	0S-1594	6	BOLT (3/8-16X25.4-IN)						
	21	1	0S-1608	1	BOLT (3/8-16X3.75-IN)						
	22	1	1A-5964	1	BOLT (3/8-16X4.5-IN)						
	23	1	2B-2695	4	BOLT (5/16-18X0.875-IN)						
	24	1	2M-9780	1	SEAL-O-RING						
	25	1	3J-7354	1	SEAL-O-RING						
	26	1	6V-5048	1	SEAL-O-RING						
	27	1	9M-1974	4	WASHER-HARD (8.8X16X2-MM THK)						
	28	1	9S-4182	1	PLUG						
	29	1	9S-4190	1	PLUG						
C	30	1	9S-8752	11	NUT-FULL (3/8-16-THD)						

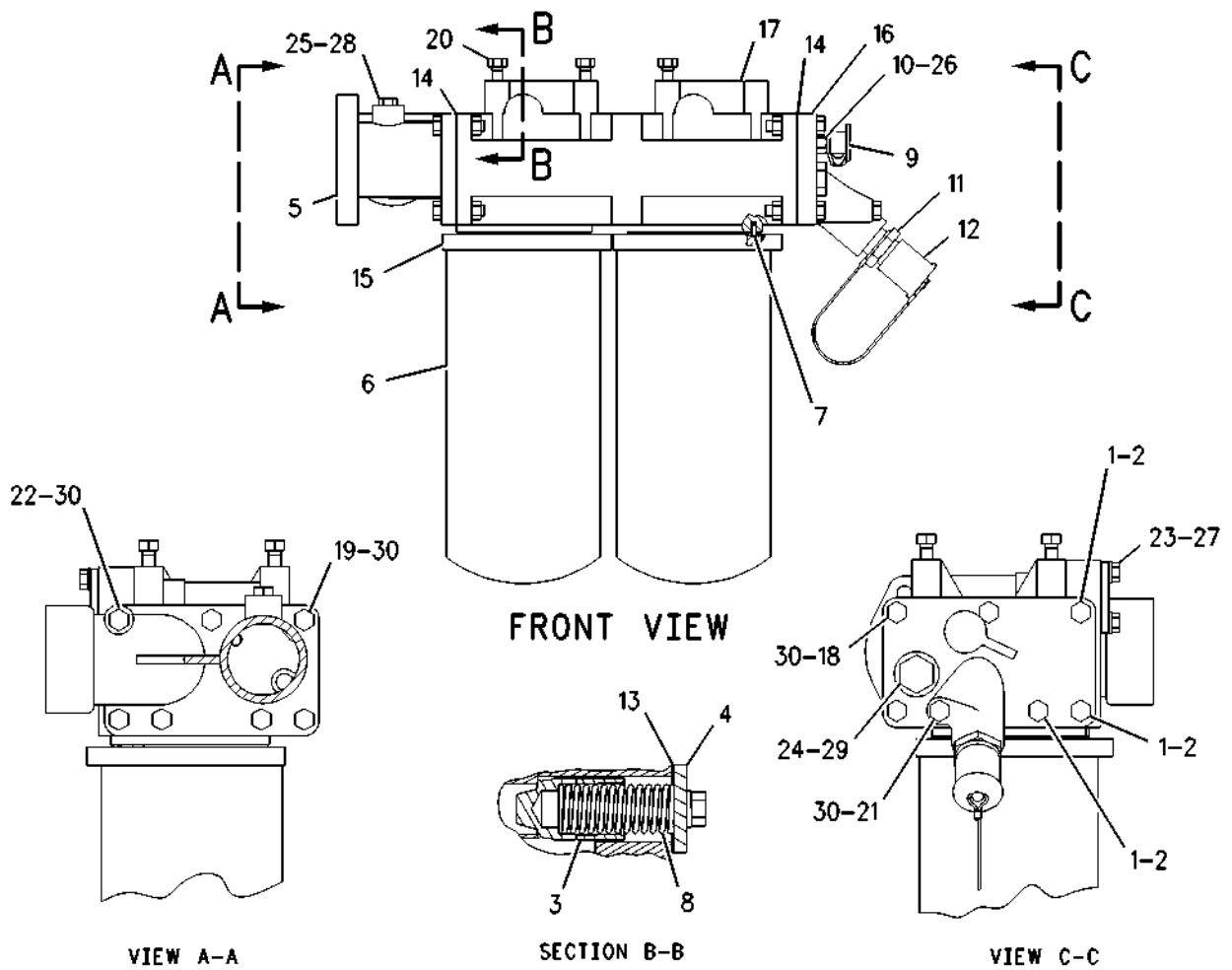
B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE

LUBRICATION SYSTEM

1W-0714 FILTER GP-ENGINE OIL (contd.)

i02029683



GRAPHIC #1

<END>

g00732633

LUBRICATION SYSTEM

129-9478 FUMES DISPOSAL GP

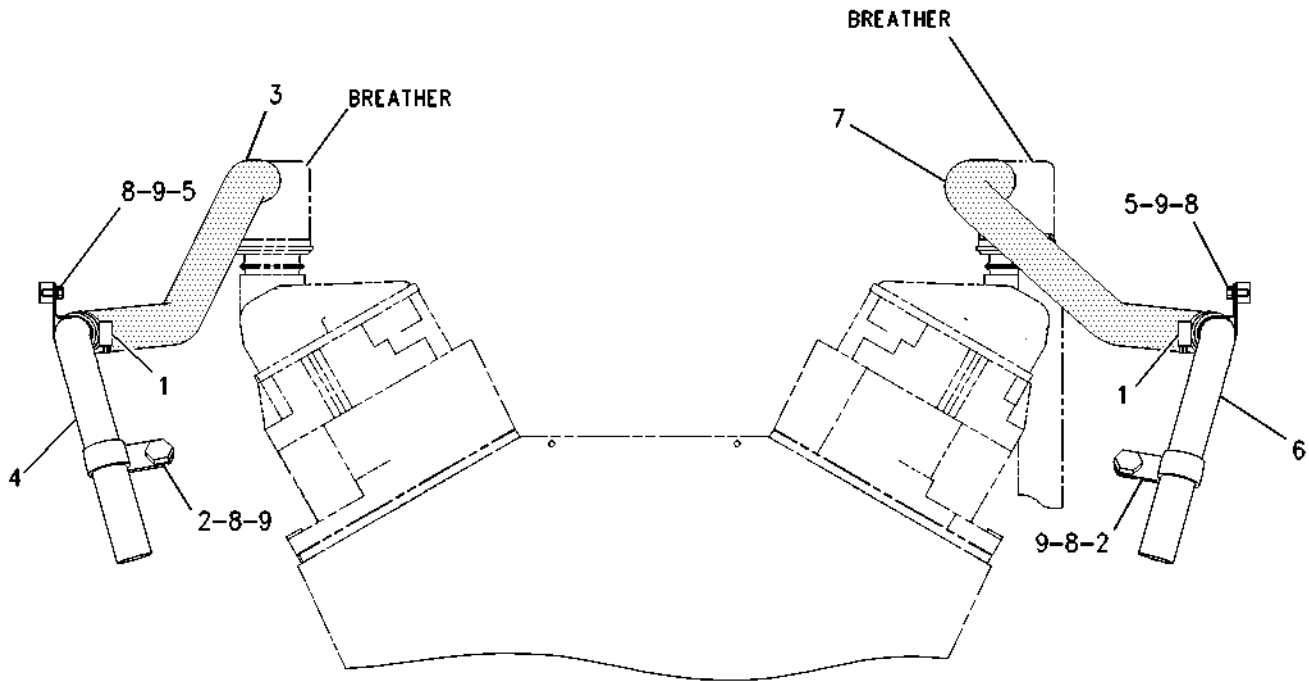
S/N: 7PZ1-UP

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1317

i01495107

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-0597	2	CLAMP-HOSE						
	2	1	8L-8137	2	CLIP						
	3	1	9Y-0677	1	HOSE-DISPOSAL						
	4	1	9Y-0876	1	TUBE						
	5	1	111-7093	2	CLIP						
	6	1	129-9481	1	TUBE						
	7	1	137-8229	1	HOSE						
	8	1	5S-7379	4	BOLT (3/8-16X0.875 IN)						
	9	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5MM THK)						



FRONT VIEW

GRAPHIC #1

<END>

g00793597

LUBRICATION SYSTEM

1W-0417 GAUGE GP-OIL LEVEL (DIPSTICK)

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

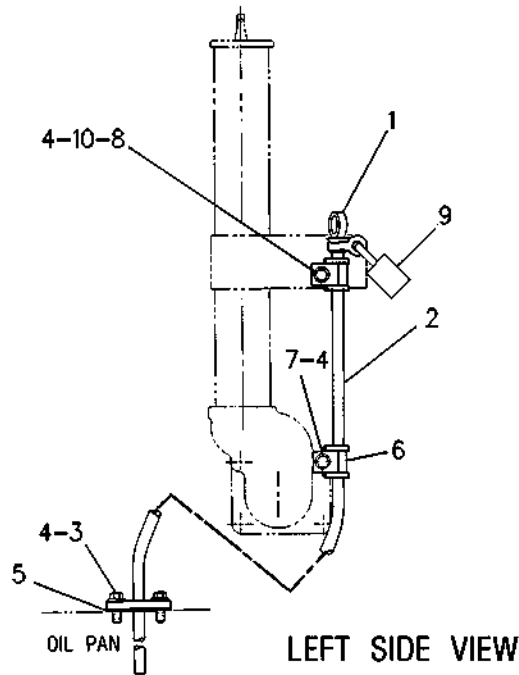
SMCS-1326

i01692244

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	110-2741	1	GAUGE AS-OIL LEVEL (DIPSTICK)	
C	2	1	7E-0595	1	GUIDE AS	
	3	1	0S-1588	2	BOLT (3/8-16X1.25 IN)	
C	4	1	5M-2894	5	WASHER-HARD (10.2X18.5X2.5MM THK)	
	5	1	4S-7907	1	GASKET	
	6	1	4P-0692	4	CLAMP AS	
	7	1	5B-2638	1	BOLT (3/8-16X5.25 IN)	
	8	1	0L-1143	1	BOLT (3/8-16X2.50 IN)	
	9	1	5P-8502	1	PADLOCK GP	
A		1	5P-8500	1	KEY	
A		1	8Y-6364	1	SLEEVE	
	10	1	9S-8752	1	NUT-FULL (3/8-16 THD)	

A-NOT PART OF THIS GROUP

C-CHANGE FROM PREVIOUS TYPE



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00230531

LUBRICATION SYSTEM

1W-0717 LINES GP-ENGINE OIL

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1307

i02029684

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9S-8752	4	NUT-FULL (3/8-16-THD)	
B	2	1	0S-1594	9	BOLT (3/8-16X25.4-IN)	
	3	1	7W-1856	1	SUPPORT-TUBE	
	4	1	7W-4379	1	TUBE AS	
	5	1	1A-1460	4	BOLT (1/2-13X2-IN)	
		1	5P-8245	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	6	1	1P-3709	1	SEAL-RECTANGULAR	
	7	1	4P-2535	1	ELBOW AS	
	8	1	1P-5764	2	FLANGE-HALF	
	9	1	061-9456	4	SEAL-O-RING	
	10	1	0S-1588	6	BOLT (3/8-16X1.25-IN)	
	11	1	8N-2929	2	COVER	
	12	1	7D-6954	1	CLAMP	
	13	1	0S-1571	2	BOLT (3/8-16X1.75-IN)	
B	14	1	8T-6762	1	PLUG-PIPE	
C	15	1	5P-1404	2	ADAPTER-O-RING	
C		1	6V-4589	2	SEAL-O-RING	
C	16	1	2W-7226	1	ADAPTER (TURBO OIL SUPPLY)	
	17	1	109-2332	1	SEAL-O-RING	
	18	1	0L-1143	4	BOLT (3/8-16X2.50-IN)	
	19	1, 2	5M-2894	18	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	20	1	111-3820	1	RING-RETAINING	
	21	1	7N-5416	1	ELBOW-OUTLET (OIL PUMP)	
	22	1	6V-3908	1	SEAL-O-RING	
	23	1	3P-0655	2	SEAL-O-RING	
	24	1	4W-5597	1	COVER	
	25	1	1A-2029	4	BOLT (3/8-16X1.125-IN)	
	26	1	0S-1591	2	BOLT (3/8-16X1.5-IN)	
	27	1	4W-5596	1	COVER	
	28	1	5F-4899	1	BOLT (3/8-16X5.5-IN)	
	29	1	7C-9217	1	ELBOW	
	30	1	9S-4182	1	PLUG	
		1	6V-5048	1	SEAL-O-RING	
	31	1	8M-9024	2	WASHER-HARD (10.2X22.5X5-MM THK)	
	32	1	100-8075	2	CLAMP AS	
	33	1	9S-4191	2	PLUG	
	34	1	3J-1907	2	SEAL-O-RING	
	35	2	3P-0655	1	SEAL-O-RING	
	36	2	8T-6765	1	PLUG-PIPE	
	37	2	7N-5413	1	ELBOW (OIL COOLER INLET)	
	38	2	0S-1594	4	BOLT (3/8-16X25.4-IN)	
	39	2	4B-3140	1	COVER	
	40	2	5P-5846	1	SEAL-O-RING	
	41	2	1N-3333	1	TUBE	
	42	2	109-2332	4	SEAL-O-RING	
	43	2	1N-3873	1	TUBE	
	44	2	2W-1969	1	VALVE-BYPASS	
	45	2	2W-1635	1	SPRING	
	46	2	5P-4892	1	SEAL-O-RING	
	47	2	5B-2638	2	BOLT (3/8-16X5.25-IN)	
	48	2	2W-1053	1	PLUG	
		2	5P-7817	1	SEAL-O-RING	
B	49	2	1A-5964	1	BOLT (3/8-16X4.5-IN)	
	50	2	7X-7730	1	PLUG-PIPE	
B	51	2	6B-5072	1	BUSHING-TERMINAL	
	52	2	6B-9202	1	SPRING	

LUBRICATION SYSTEM

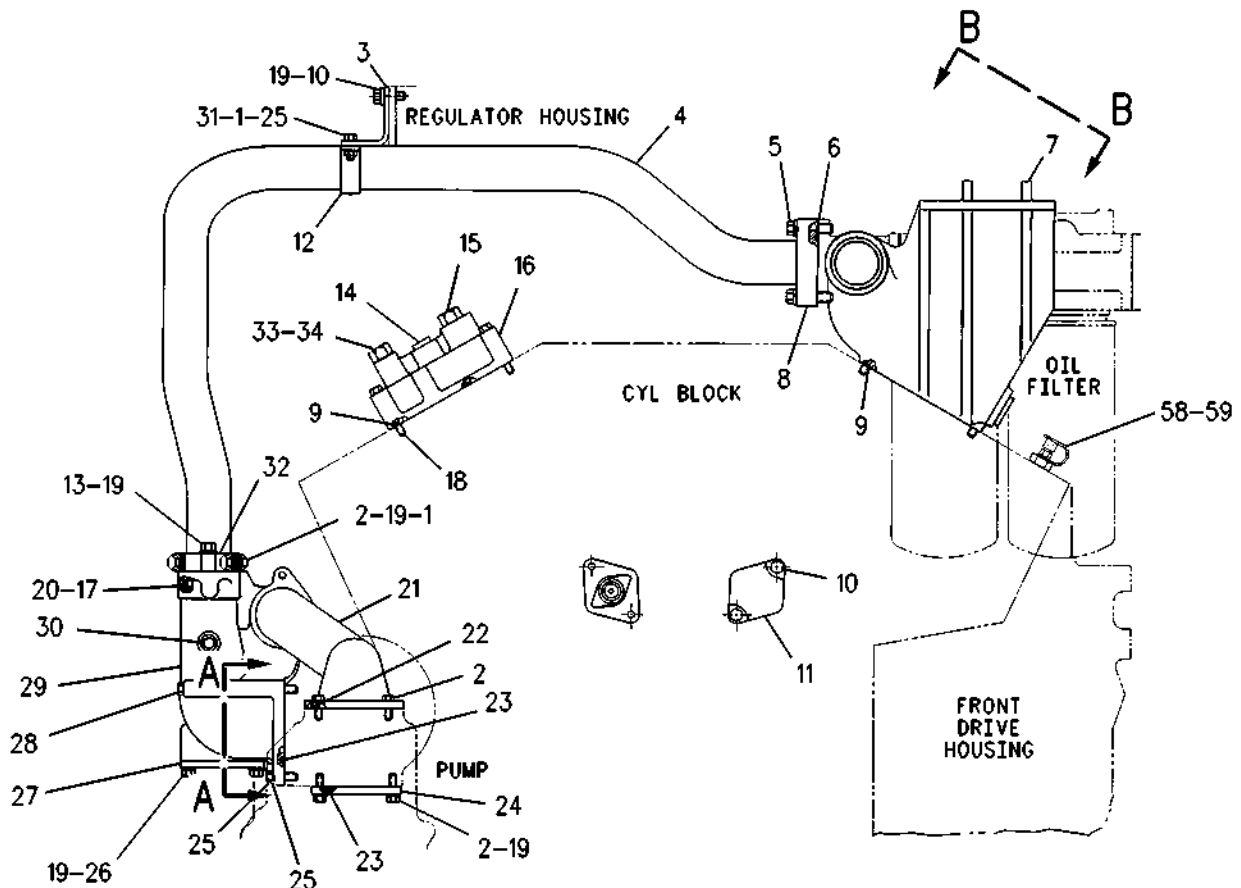
1W-0717 LINES GP-ENGINE OIL (contd.)

i02029684

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	53	2	7N-7697	2	PLUNGER AS						
					(EACH INCLUDES)						
		2	7M-1808	1	DOWEL						
	54	2	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
B	55	2	6V-3966	1	FITTING AS						
B	56	2	6V-0852	1	CAP-DUST						
C	57	2	3B-1915	2	BOLT (3/8-16X1.75-IN)						
BC	58	1	6V-0852	1	CAP-DUST						
BC	59	1	6V-3966	1	FITTING AS						
	60	2	1A-5964	1	BOLT (3/8-16X4.5-IN)						

B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE



FRONT VIEW

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

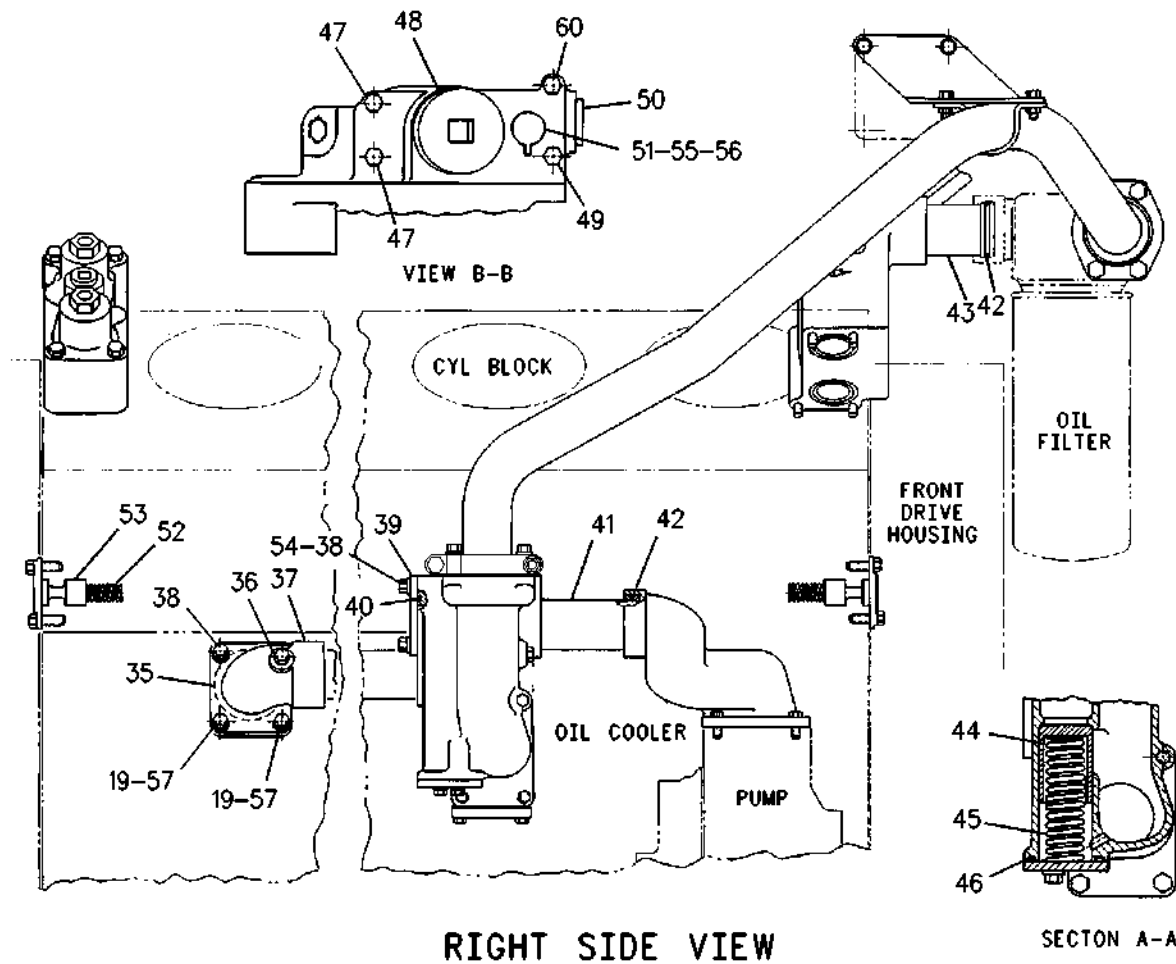
GRAPHIC #1

g00534459

LUBRICATION SYSTEM

1W-0717 LINES GP-ENGINE OIL (contd.)

i02029684



GRAPHIC #2

<END>

g00918068

LUBRICATION SYSTEM

109-8082 LINES GP-TURBOCHARGER OIL

S/N: 2GR1180-4208

PART OF 155-5556 ENGINE AR

SMCS-1052, 1307

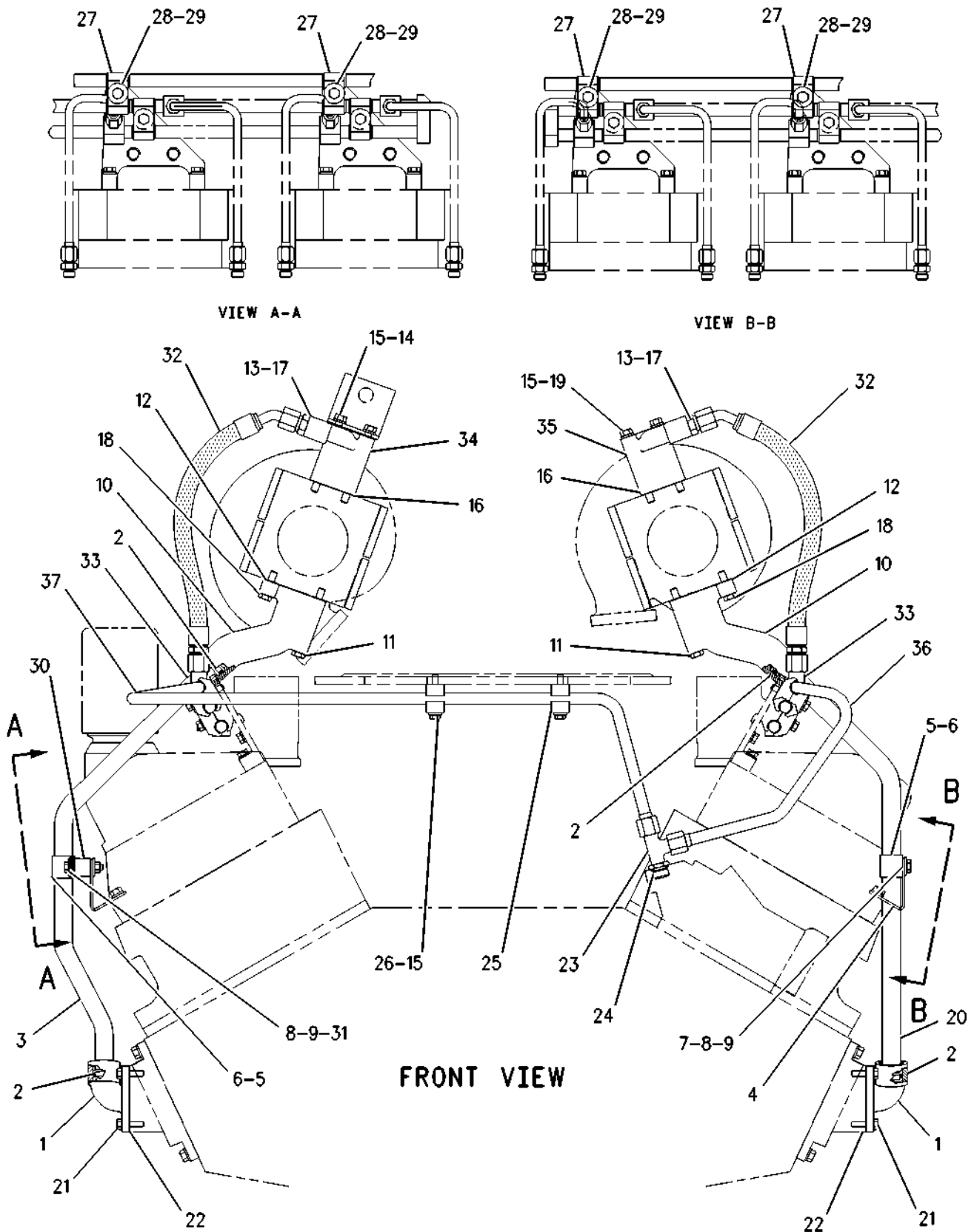
i01990912

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7N-5094	2	ELBOW-DRAIN	
	2	1	5P-9890	4	SEAL-O-RING	
	3	1	7C-4171	1	TUBE	
	4	1	7E-5335	2	BRACKET	
	5	1	6K-5535	2	CLIP (SLOT)	
	6	1	6K-5536	2	CLIP (TAB)	
	7	1	0S-1594	1	BOLT (3/8-16X1 IN)	
	8	1	9L-9132	4	WASHER (10.2X25.5X2.5MM THK)	
	9	1	9S-8752	2	NUT-FULL (3/8-16 THD)	
	10	1	9Y-5814	2	ELBOW-DRAIN	
	11	1	0S-1608	2	BOLT (3/8-16X3.75 IN)	
	12	1	7N-7559	2	GASKET	
	13	1	2P-7636	2	CONNECTOR	
	14	1	0T-0055	2	BOLT (3/8-16X4.25 IN)	
	15	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5MM THK)	
	16	1	4P-4460	2	GASKET	
	17	1	8L-2786	2	SEAL-O-RING	
	18	1	3B-1915	2	BOLT (3/8-16X1.75 IN)	
	19	1	8S-9191	2	BOLT (3/8-16X4 IN)	
	20	1	1W-7990	1	TUBE	
	21	1	0S-1588	8	BOLT (3/8-16X1.25 IN)	
	22	1	2W-0752	2	GASKET	
	23	1	031-4136	1	TEE-FLARED	
	24	1	6V-4589	1	SEAL-O-RING	
	25	1	4P-0692	4	CLAMP AS	
					(EACH INCLUDES)	
		1	108-1434	1	GROMMET	
	26	1	0L-2070	2	BOLT (3/8-16X2.25 IN)	
	27	1	9Y-0047	8	CLAMP	
		1	100-3237	8	GROMMET	
	28	1	2B-2694	4	BOLT (5/16-18X2 IN)	
	29	1	9N-0869	4	WASHER-HARD (8.8X25.5X2.0MM THK)	
	30	1	2V-4387	1	SPACER (.406X1X.91 IN THK)	
	31	1	0S-1590	1	BOLT (3/8-16X2 IN)	
	32	1	184-3229	2	HOSE AS	
	33	1	5P-4900	2	ELBOW-FLARED	
	34	1	6I-0804	1	ADAPTER-TURBOCHARGER OIL	
	35	1	6I-0805	1	ADAPTER-TURBOCHARGER OIL	
	36	1	6I-0810	1	TUBE AS-OIL	
	37	1	6I-0809	1	TUBE AS-OIL	

LUBRICATION SYSTEM

109-8082 LINES GP-TURBOCHARGER OIL (contd.)

i01990912



GRAPHIC #1

<END>

g00756859

LUBRICATION SYSTEM

109-8082 LINES GP-TURBOCHARGER OIL

S/N: 2GR4209-UP

PART OF 155-5556 ENGINE AR

SMCS-1052, 1307

i01820084

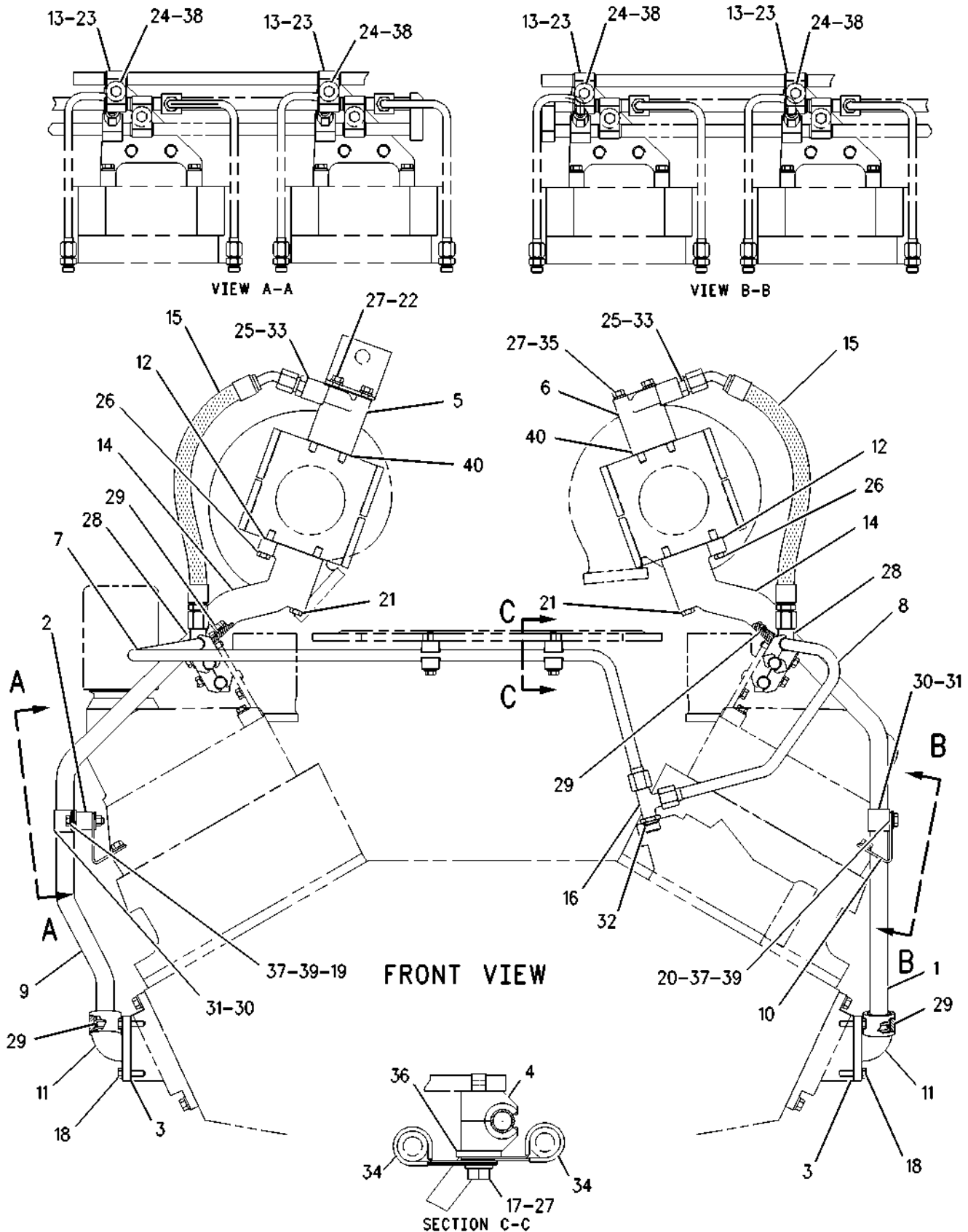
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-7990	1	TUBE						
	2	1	2V-4387	1	SPACER (.406X1X.91 IN THK)						
	3	1	2W-0752	2	GASKET						
	4	1	4P-0692	4	CLAMP AS						
					(EACH INCLUDES)						
		1	108-1434	1	GROMMET						
	5	1	6I-0804	1	ADAPTER-TURBOCHARGER OIL						
	6	1	6I-0805	1	ADAPTER-TURBOCHARGER OIL						
	7	1	6I-0809	1	TUBE AS-OIL						
	8	1	6I-0810	1	TUBE AS-OIL						
	9	1	7C-4171	1	TUBE						
	10	1	7E-5335	2	BRACKET						
	11	1	7N-5094	2	ELBOW-DRAIN						
	12	1	7N-7559	2	GASKET						
	13	1	9Y-0047	8	CLAMP						
	14	1	9Y-5814	2	ELBOW-DRAIN						
	15	1	184-3229	2	HOSE AS						
	16	1	031-4136	1	TEE-FLARED						
C	17	1	0L-1143	2	BOLT (3/8-16X2.50 IN)						
	18	1	0S-1588	8	BOLT (3/8-16X1.25 IN)						
	19	1	0S-1590	1	BOLT (3/8-16X2 IN)						
	20	1	0S-1594	1	BOLT (3/8-16X1 IN)						
	21	1	0S-1608	2	BOLT (3/8-16X3.75 IN)						
	22	1	0T-0055	2	BOLT (3/8-16X4.25 IN)						
	23	1	100-3237	8	GROMMET						
	24	1	2B-2694	4	BOLT (5/16-18X2 IN)						
	25	1	2P-7636	2	CONNECTOR						
	26	1	3B-1915	2	BOLT (3/8-16X1.37 IN)						
	27	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5MM THK)						
	28	1	5P-4900	2	ELBOW-FLARED						
	29	1	5P-9890	4	SEAL-O-RING						
	30	1	6K-5535	2	CLIP (SLOT)						
	31	1	6K-5536	2	CLIP (TAB)						
	32	1	6V-4589	1	SEAL-O-RING						
	33	1	8L-2786	2	SEAL-O-RING						
C	34	1	8S-0948	4	CLIP						
	35	1	8S-9191	2	BOLT (3/8-16X4 IN)						
C	36	1	9G-4328	2	PLATE						
	37	1	9L-9132	4	WASHER (10.2X25.5X2.5MM THK)						
	38	1	9N-0869	4	WASHER-HARD (8.8X25.5X2.0MM THK)						
	39	1	9S-8752	2	NUT-FULL (3/8-16 THD)						
	40	1	4P-4460	2	GASKET						

C-CHANGE FROM PREVIOUS TYPE

LUBRICATION SYSTEM

109-8082 LINES GP-TURBOCHARGER OIL (contd.)

101820084



GRAPHIC #1

<END>

g00946902

LUBRICATION SYSTEM

237-0131 METERING AR-ENGINE OIL

S/N: 7PZ754-UP
AN ATTACHMENT

SMCS-1307

i02024440

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	237-0132	1	METERING GP-ENGINE OIL						94
Y	237-0133	1	TANK GP-ENGINE OIL						107
Y-SEPARATE ILLUSTRATION									

<END>

LUBRICATION SYSTEM

237-0132 METERING GP-ENGINE OIL

S/N: 7PZ754-UP

PART OF 237-0131 METERING AR-ENGINE OIL
AN ATTACHMENT

SMCS-1307

i02024455

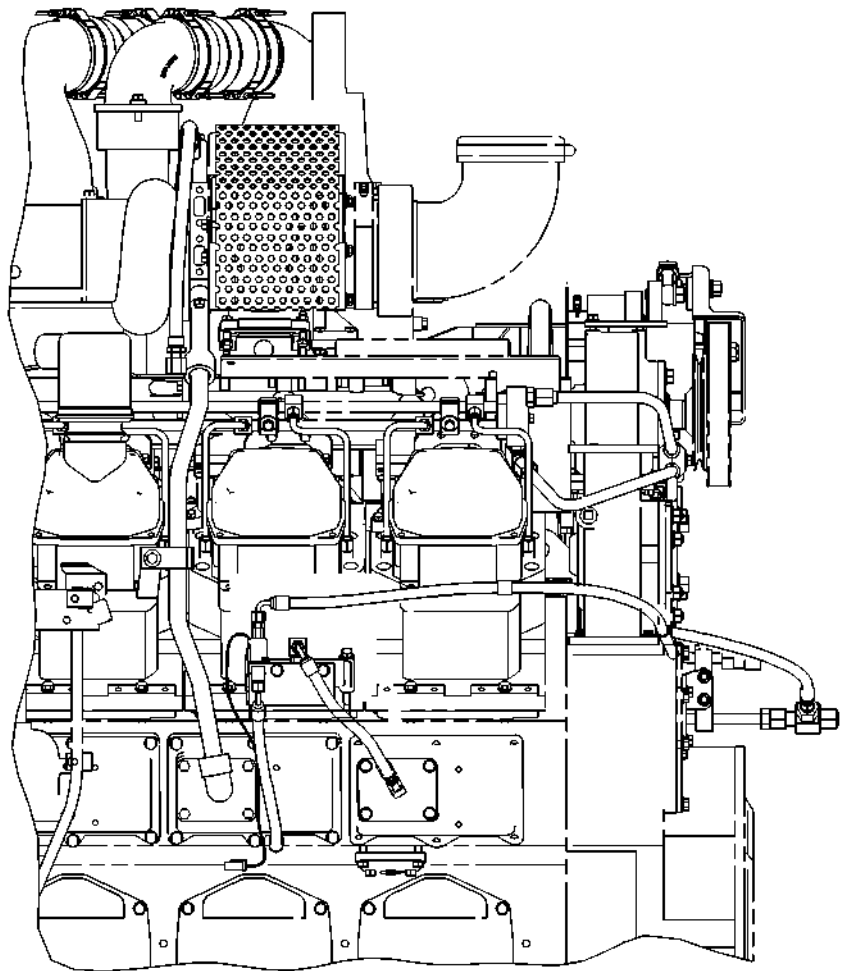
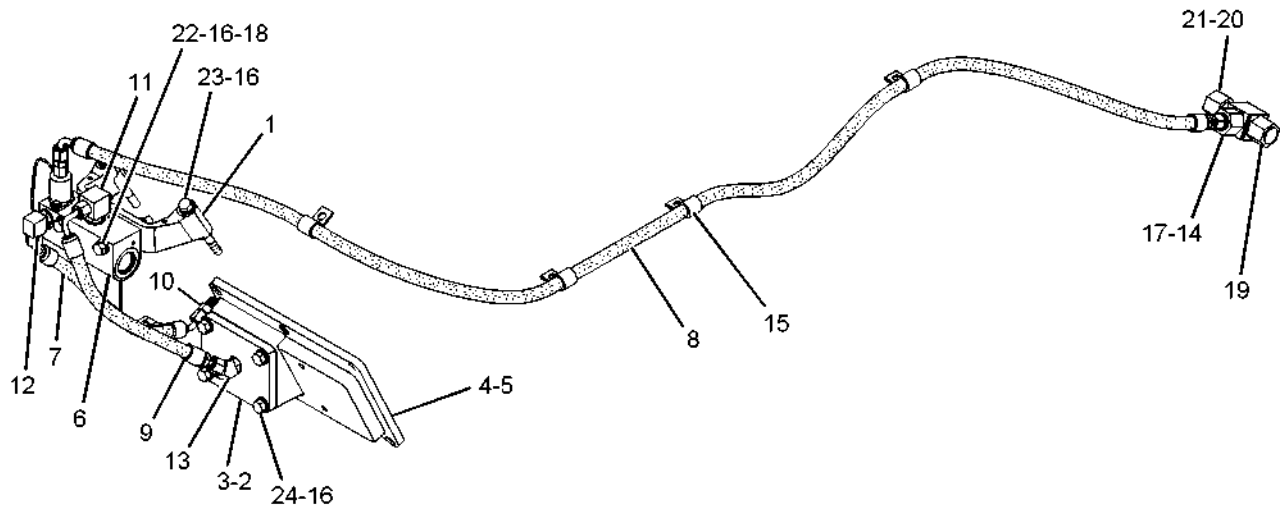
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-8129	1	SUPPORT						
	2	1	2W-0752	1	GASKET						
	3	1	4P-7850	1	COVER						
	4	1	8N-9993	1	COVER-CAMSHAFT						
	5	1	208-2362	1	SEAL						
Y	6	1	235-0266	1	VALVE GP-METERING (ENGINE OIL)						109
I	7	1	235-0270	1	HOSE AS						
I	8	1	235-0274	1	HOSE AS						
I	9	1	235-0275	1	HOSE AS						
	10	1	148-8325	1	CONNECTOR GP						
		1	3J-1907	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8641	1	CONNECTOR						
	11	1	148-8368	1	ELBOW GP						
		1	3J-1907	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8627	1	ELBOW						
	12	1	148-8369	1	ELBOW GP						
		1	3J-7354	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8628	1	ELBOW						
	13	1	148-8385	1	ELBOW GP						
		1	3J-7354	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-9000	1	ELBOW						
	14	1	215-3191	1	REDUCER AS						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8937	1	REDUCER-O-RING						
	15	1	4I-4655	4	CLIP						
	16	1	5M-2894	10	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	17	1	6V-8555	1	NUT-FACE SEAL (1-14-THD)						
	18	1	6V-8801	2	NUT (3/8-16-THD)						
	19	1	6V-9831	1	CAP AS						
	20	1	6V-9838	1	TEE-SWIVEL						
	21	1	7J-9108	2	SEAL-O-RING						
	22	1	8T-8915	2	BOLT (3/8-16X3.25-IN)						
	23	1	8T-9379	2	BOLT (3/8-16X4.25-IN)						
	24	1	9B-7237	4	BOLT (3/8-16X1.25-IN)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
Y-SEPARATE ILLUSTRATION

LUBRICATION SYSTEM

237-0132 METERING GP -ENGINE OIL (contd.)

i02024455



LEFT SIDE VIEW OF ENGINE

<END>

GRAPHIC #1

g01045971

LUBRICATION SYSTEM

130-7924 OIL CHANGE GP-HIGH SPEED

S/N: 7PZ1-UP
AN ATTACHMENT

SMCS-1325

i01988465

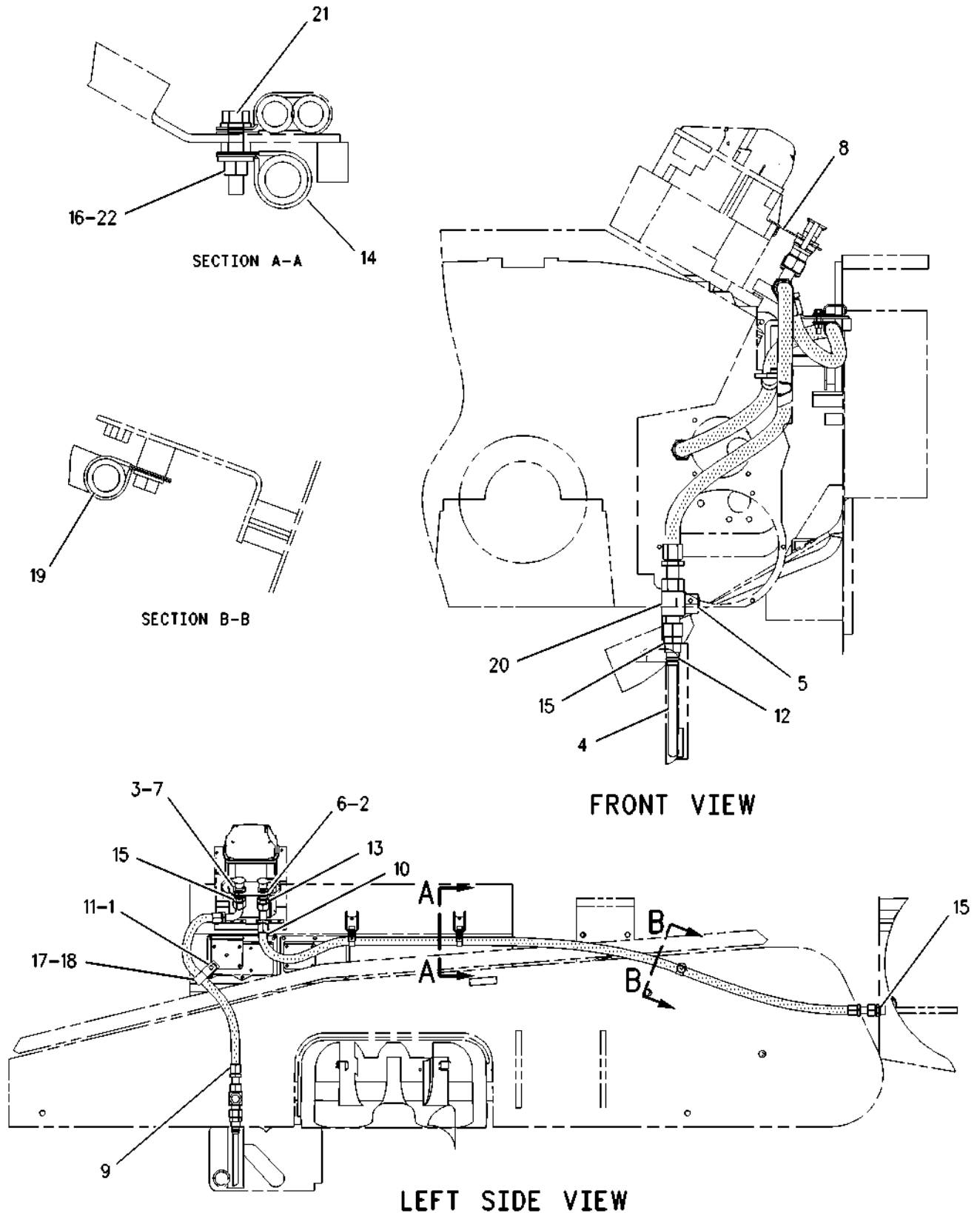
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1K-5888	1	SPACER (.42X.67X.63 IN THK)						
	2	1	2P-1286	1	LOCKNUT-BULKHEAD (1-5/16-12 THD)						
	3	1	2V-2043	1	LOCKNUT-FLARED (1-5/8-12 THD)						
	4	1	207-8829	1	TUBE AS						
	5	1	6V-9833	1	CAP AS (OIL)						
	6	1	110-8319	1	RECEIVER AS (TRANSMISSION OIL)						
		1	110-8318	1	CAP (TRANSMISSION OIL)						
	7	1	110-8827	1	RECEIVER AS (ENGINE OIL)						
		1	110-8826	1	CAP-FILLER (CRANKCASE)						
	8	1	130-7903	1	BRACKET						
I	9	1	130-7904	1	HOSE AS						
I	10	1	130-7905	1	HOSE AS						
	11	1	8T-9377	1	BOLT (3/8-16X2.25 IN)						
	12	1	1S-0004	1	SEAL-O-RING						
	13	1	148-8317	1	CONNECTOR GP						
		1	3D-2824	1	SEAL-O-RING						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-8714	1	CONNECTOR						
	14	1	4S-4455	2	CLIP						
	15	1	148-8335	3	CONNECTOR AS						
					(EACH INCLUDES)						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-8635	1	CONNECTOR						
		1	7M-8485	1	SEAL-O-RING						
	16	1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)						
	17	1	6K-9549	1	BRACKET						
	18	1	6K-9550	1	CLIP						
	19	1	8D-9947	1	CLIP						
	20	1	148-8429	1	TEE AS						
		1	5K-9090	2	SEAL-O-RING						
		1	6V-9840	1	TEE-SWIVEL						
	21	1	8T-9375	2	BOLT (3/8-16X1.75 IN)						
	22	1	6V-8801	2	NUT (3/8-16 THD)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

LUBRICATION SYSTEM

130-7924 OIL CHANGE GP-HIGH SPEED (contd.)

i01988465



GRAPHIC #1

<END>

g00697716

LUBRICATION SYSTEM

163 - 1924 PRELUBRICATION AR-ENGINE

S/N: 7PZ1-UP
AN ATTACHMENT
TYPE 1

SMCS-1319

101989518

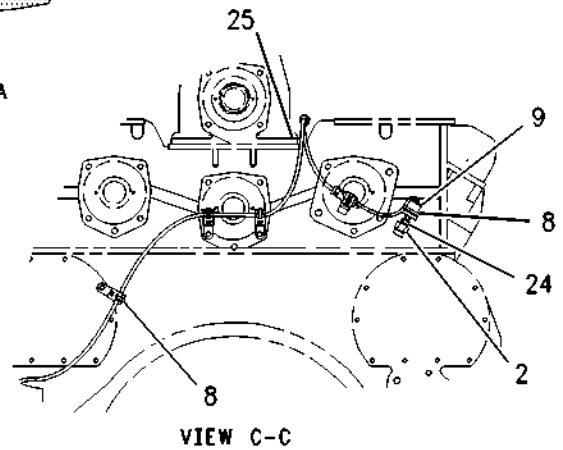
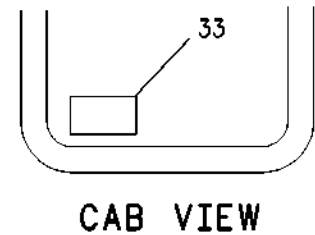
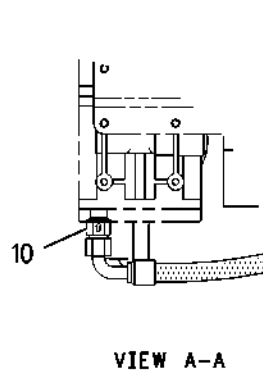
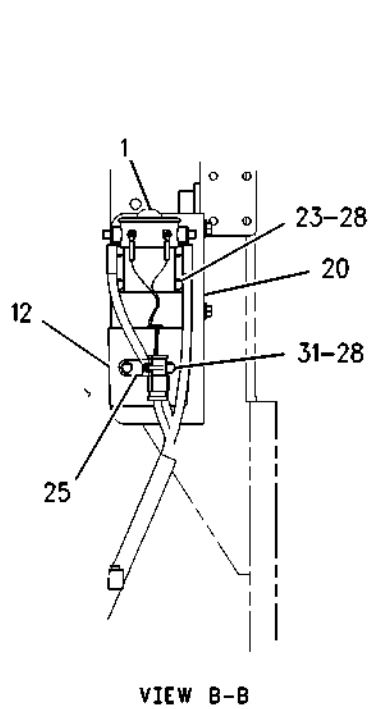
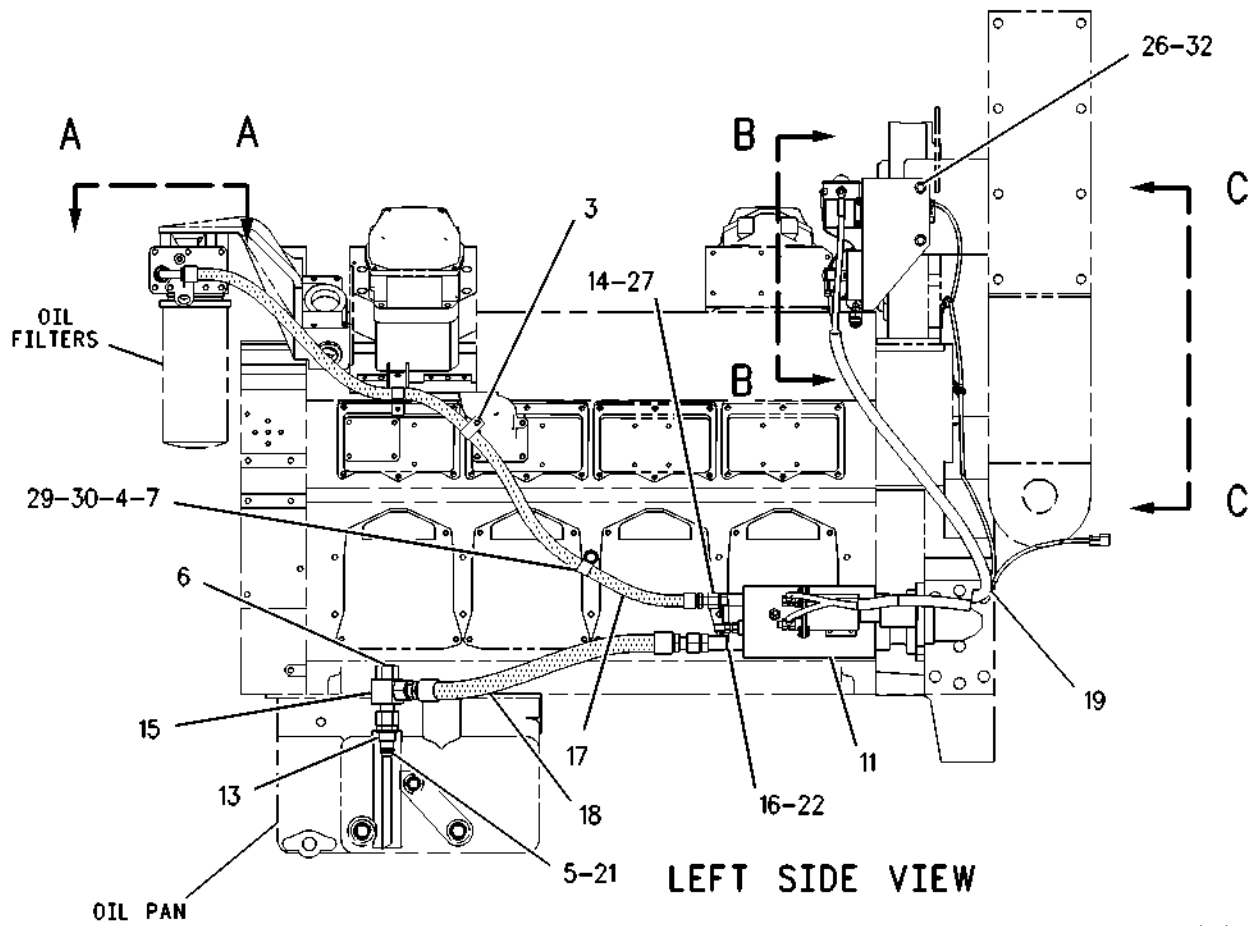
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	3E-0154	1	SWITCH GP-MAGNETIC	374
	2	1	3P-0764	1	PLUG	
	3	1	3S-8665	2	CLIP	
	4	1	3W-2647	1	SPACER (13.5X30X10MM THK)	
	5	1	6N-2656	1	TUBE AS-OIL CHANGE	
	6	1	6V-9833	1	CAP AS	
		1	6V-8557	1	NUT-FACE SEAL	
	7	1	8T-7529	1	CLIP	
	8	1	9X-6772	7	STRAP-CABLE	
	9	1	105-9152	1	SWITCH AS-PRESSURE (ENGINE OIL)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)	
		1	8T-8729	2	PIN-CONNECTOR	
	10	1	123-5150	1	VALVE-CHECK	
Y	11	1	123-8689	1	STARTING MOTOR GP-PRELUB SYS	368
	12	1	140-3108	1	TIMER (PRELUBRICATION)	
	13	1	148-8335	1	CONNECTOR AS	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-8635	1	CONNECTOR	
		1	7M-8485	1	SEAL-O-RING	
	14	1	148-8342	1	CONNECTOR GP	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8632	1	CONNECTOR	
		1	7J-9108	1	SEAL-O-RING	
	15	1	148-8429	1	TEE AS	
		1	5K-9090	2	SEAL-O-RING	
		1	6V-9840	1	TEE-SWIVEL	
	16	1	153-6239	1	CONNECTOR AS	
		1	2M-9780	1	SEAL-O-RING	
		1	5K-9090	1	SEAL-O-RING	
		1	8C-4000	1	CONNECTOR	
I	17	1	174-1921	1	HOSE AS	
I	18	1	174-3352	1	HOSE AS	
	19	1	174-8883	1	HARNESS AS	
	20	1	179-6740	1	BRACKET AS	
		1	9F-6445	2	NUT-WELD (1/4-24 THD)	
	21	1	1S-0004	1	SEAL-O-RING	
	22	1	2M-9780	2	SEAL-O-RING	
	23	1	4M-5281	4	BOLT (1/4-20X.750 IN)	
	24	1	4M-5317	1	BUSHING-REDUCING	
	25	1	4P-8134	3	CLIP	
	26	1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)	
	27	1	7J-9108	1	SEAL-O-RING	
	28	1	8T-4205	6	WASHER-HARD (7.2X14.5X2MM THK)	
	29	1	8T-4223	2	WASHER-HARD (13.5X25.5X3MM THK)	
	30	1	8T-8917	1	BOLT (1/2-13X1.25 IN)	
	31	1	8T-9367	2	BOLT (1/4-20X2 IN)	
	32	1	9B-7237	2	BOLT (3/8-16X1.25 IN)	
	33	1	125-0473	1	FILM-NOTICE (PRELUBRICATION PUMP)	

I-REFER TO HYDRAULIC INFORMATION SYSTEM
Y-SEPARATE ILLUSTRATION

LUBRICATION SYSTEM

163-1924 PRELUBRICATION AR-ENGINE (contd.)

i01989518



GRAPHIC #1

<END>

g00664539

LUBRICATION SYSTEM

163 - 1924 PRELUBRICATION AR - ENGINE

S/N: 7PZ1-UP
AN ATTACHMENT
TYPE 2

SMCS-1319

i01989517

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	3P-0764	1	PLUG	
	2	1	3S-8665	2	CLIP	
	3	1	3W-2647	1	SPACER (13.5X30X10MM THK)	
	4	1	6V-9833	1	CAP AS (ENGINE OIL)	
	5	1	8T-7529	1	CLIP	
B	6	1	9X-6772	7	STRAP-CABLE	
	7	1	105-9152	1	SWITCH AS-PRESSURE (ENGINE OIL)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	186-3735	2	PIN-CONNECTOR	
	8	1	123-5150	1	VALVE-CHECK (PREVENTS BACKFLOW)	
Y	9	1	123-8689	1	STARTING MOTOR GP-PRELUB SYS	368
	10	1	140-3108	1	TIMER (PRELUBRICATION)	
	11	1	148-8335	1	CONNECTOR AS	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-8635	1	CONNECTOR	
		1	7M-8485	1	SEAL-O-RING	
	12	1	148-8342	1	CONNECTOR GP	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8632	1	CONNECTOR	
		1	7J-9108	1	SEAL-O-RING	
	13	1	148-8429	1	TEE AS	
		1	5K-9090	2	SEAL-O-RING	
		1	6V-9840	1	TEE-SWIVEL	
	14	1	153-6239	1	CONNECTOR AS	
		1	2M-9780	1	SEAL-O-RING	
		1	5K-9090	1	SEAL-O-RING	
		1	8C-4000	1	CONNECTOR	
I	15	1	174-1921	1	HOSE AS	
I	16	1	174-3352	1	HOSE AS	
	17	1	174-8883	1	HARNESS AS (PRELUBE TIMER)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
C	18	1	179-0006	1	SWITCH AS-MAGNETIC (STARTER RELAY)	
		1	1B-2578	2	NUT (3/8-16 THD)	
		1	4D-1326	2	LOCKWASHER (EXTERNAL TOOTH)	
		1	4L-6499	2	WASHER (0.38X0.88X0.02 IN THK)	
		1	6V-8378	2	NUT (10-32 THD)	
		1	7X-0620	2	WASHER-HARD (5.5X13X1.6MM THK)	
		1	8F-1434	2	LOCKWASHER (INTERNAL TOOTH)	
	19	1	179-6740	1	BRACKET AS	
		1	9F-6445	2	NUT-WELD (1/4-24 THD)	
	20	1	207-8829	1	TUBE AS	
	21	1	1S-0004	1	SEAL-O-RING	
	22	1	2M-9780	2	SEAL-O-RING	
	23	1	4M-5281	4	BOLT (1/4-20X.750 IN)	
	24	1	4M-5317	1	BUSHING-REDUCING	
	25	1	4P-8134	3	CLIP	
	26	1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)	

LUBRICATION SYSTEM

163-1924 PRELUBRICATION AR-ENGINE (contd.)

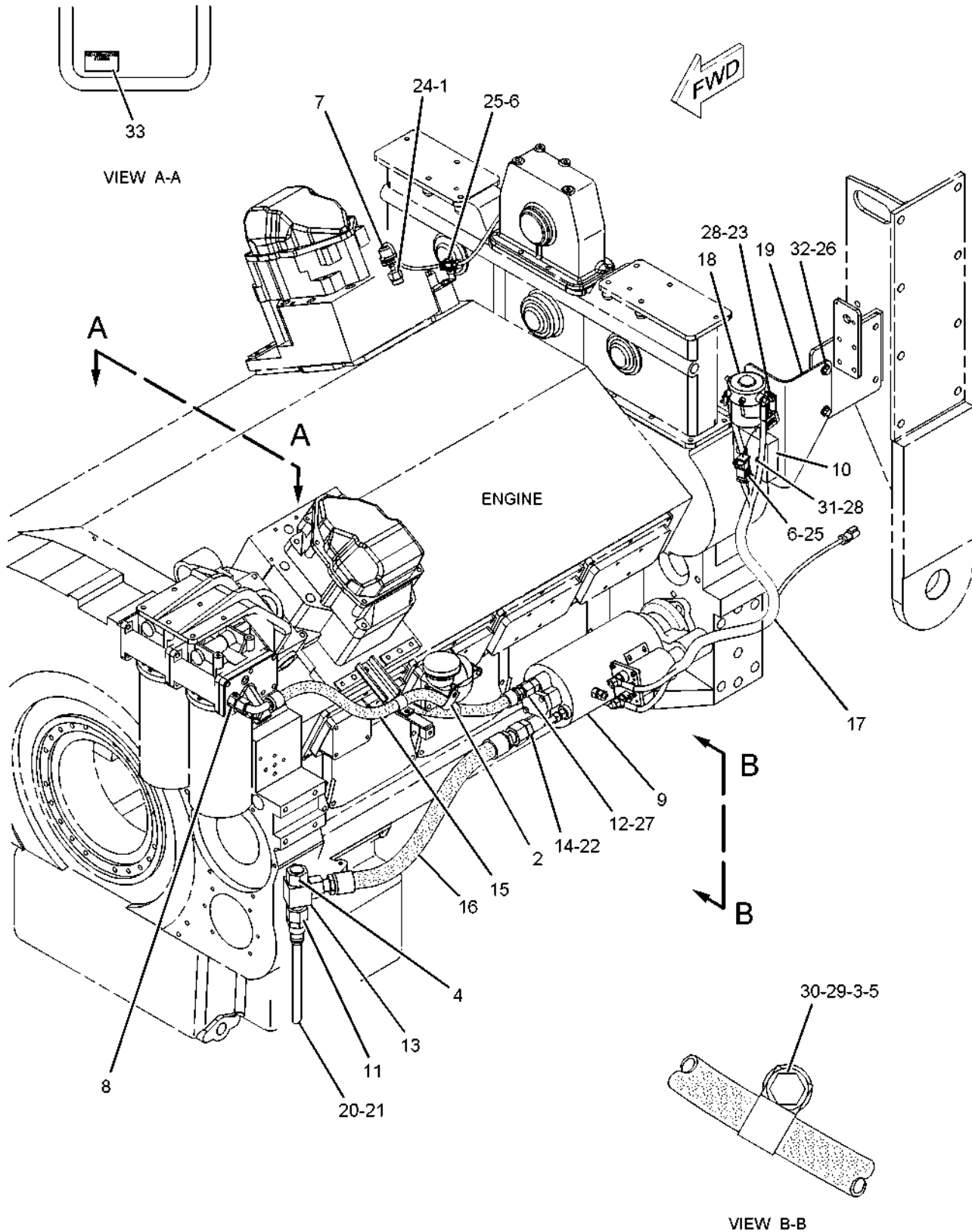
i01989517

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	27	1	7J-9108	1	SEAL-O-RING						
	28	1	8T-4205	6	WASHER-HARD (7.2X14.5X2MM THK)						
	29	1	8T-4223	1	WASHER-HARD (13.5X25.5X3MM THK)						
	30	1	8T-8917	1	BOLT (1/2-13X1.25 IN)						
	31	1	8T-9367	2	BOLT (1/4-20X2 IN)						
	32	1	9B-7237	2	BOLT (3/8-16X1.25 IN)						
	33	1	125-0473	1	FILM-NOTICE (PRELUBRICATION PUMP)						
B-USE AS REQUIRED											
C-CHANGE FROM PREVIOUS TYPE											
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
Y-SEPARATE ILLUSTRATION											

LUBRICATION SYSTEM

163-1924 PRELUBRICATION AR-ENGINE (contd.)

101989517



GRAPHIC #1

<END>

g01026130

LUBRICATION SYSTEM

7N-8715 PUMP GP-ENGINE OIL

S/N: 2GR1180-UP

TWO SECTION GEAR

PART OF 155-5556 ENGINE AR

SMCS-1304, 1315

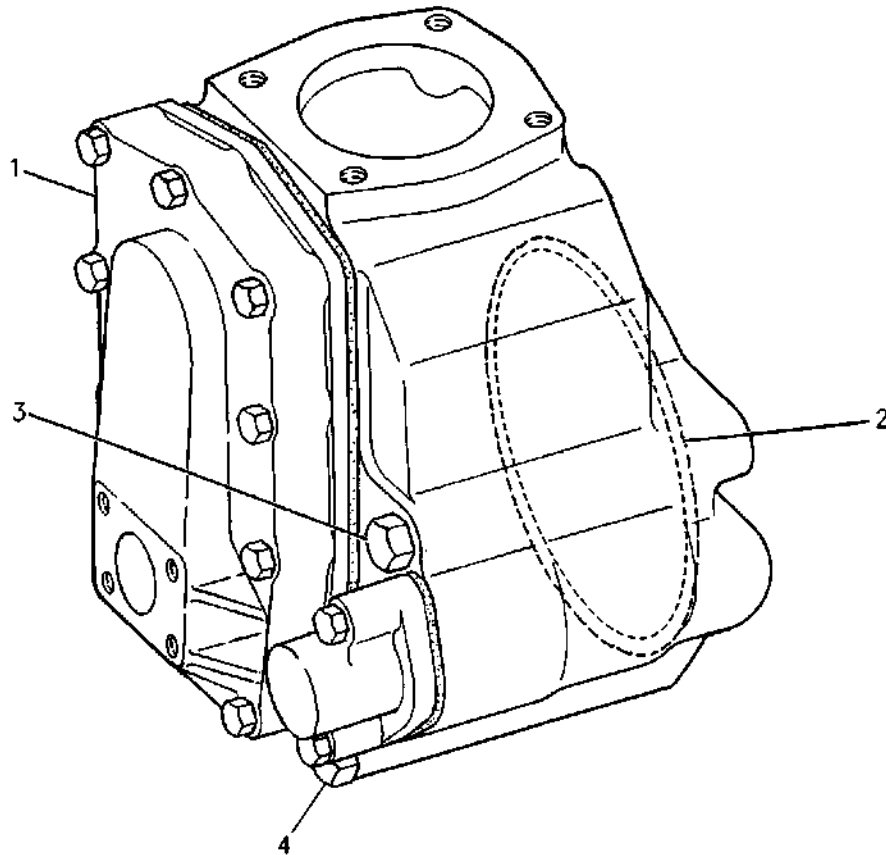
i01420625

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
CY	1	1	7W-0053	1	PUMP GP-ENGINE OIL	104
C	2	1	6V-7681	1	SEAL-O-RING (164.69MM ID)	
	3	1	4S-5882	1	BOLT (1/2-13X7.25 IN)	
		1	5P-8245	1	WASHER-HARD (13.5X25.5X3MM THK)	
B	4	1	4S-5882	2	BOLT (1/2-13X7.25 IN)	
B		1	5P-8245	2	WASHER-HARD (13.5X25.5X3MM THK)	

B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00623771

LUBRICATION SYSTEM

7W-0053 PUMP GP-ENGINE OIL*R

S/N: 2GR1180-UP

TWO SECTION GEAR

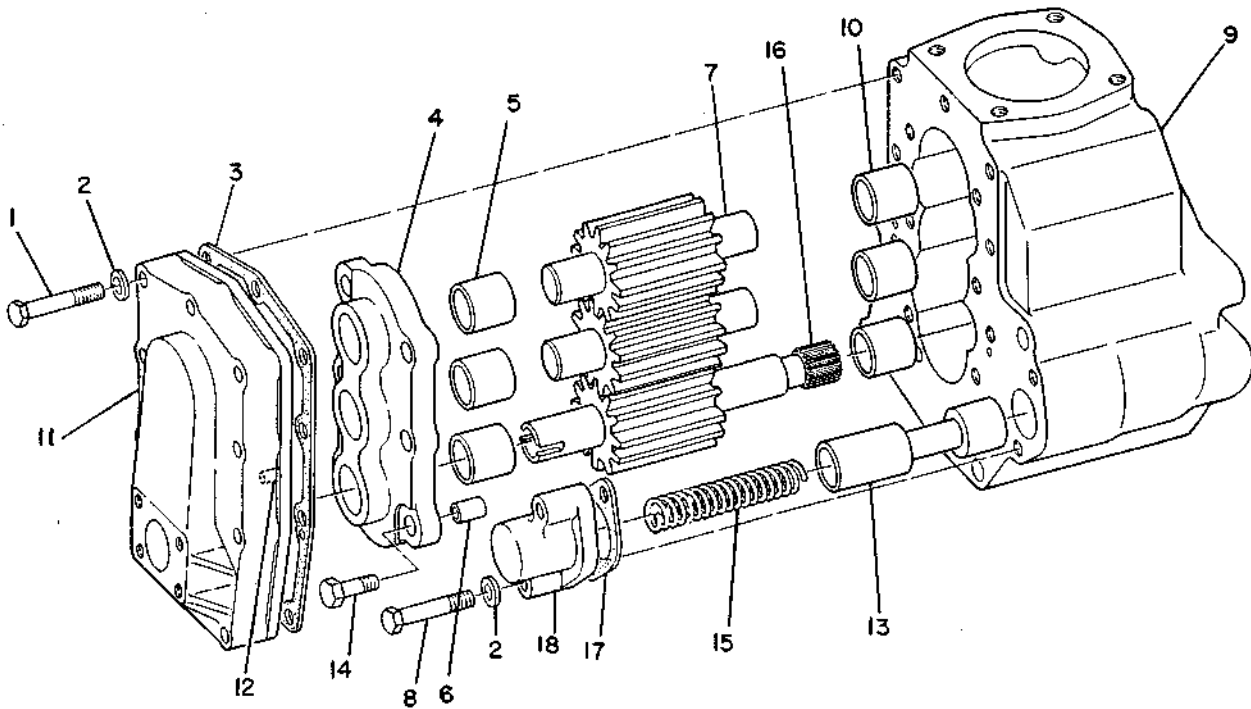
PART OF 7N-8715 PUMP GP-ENGINE OIL

SMCS-1304, 1315

i01692296

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0S-1590	9	BOLT (3/8-16X2 IN)						
	2	1	5M-2894	11	WASHER-HARD (10.2X18.5X2.5MM THK)						
	3	1	7N-5057	1	GASKET						
	4	1	7W-0050	1	COVER AS-PUMP						
	5	1	1W-6005	3	BEARING-SLEEVE						
	6	1	4M-3248	2	DOWEL-HOLLOW						
	7	1	2W-5476	2	SHAFT AS-IDLER						
	8	1	7F-1866	2	BOLT (3/8-16X3.0 IN)						
	9	1	7W-0051	1	BODY AS-OIL PUMP						
C	10	1	1W-6005	3	BEARING-SLEEVE						
	11	1	1N-4637	1	COVER AS-PUMP						
	12	1	7N-2043	2	DOWEL						
	13	1	7N-5449	1	SPOOL-PRESSURE RELIEF						
	14	1	0S-1585	6	BOLT (1/2-13X1.50 IN)						
	15	1	2S-2760	1	SPRING						
	16	1	2W-6619	1	SHAFT AS-PUMP DRIVE						
	17	1	111-1349	1	GASKET						
	18	1	7N-5049	1	COVER-RELIEF VALVE						

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00082118

LUBRICATION SYSTEM

1N-3240 PUMP GP-SCAVENTGE

S/N: 2GR1180-UP

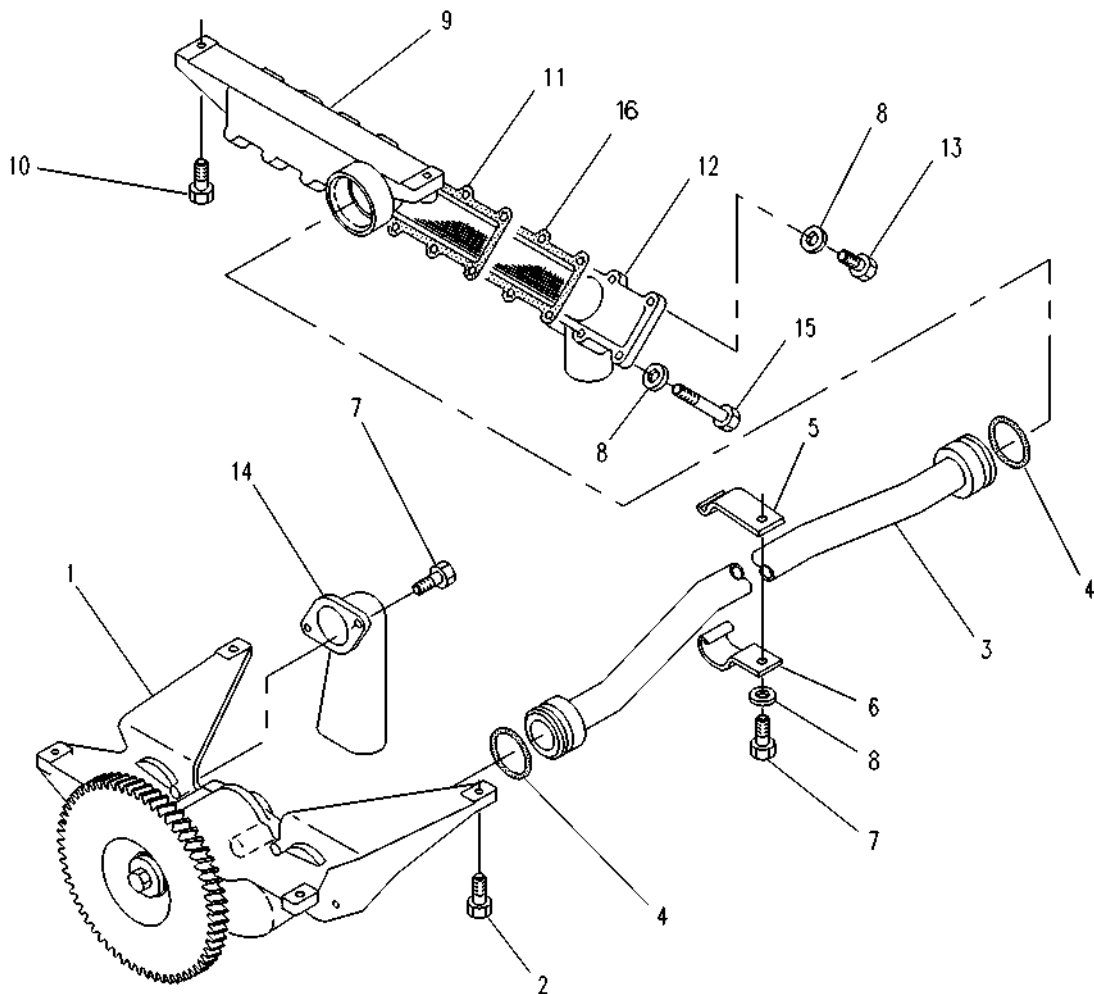
PART OF 155-5556 ENGINE AR

SMCS-1312

i01670071

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
YR	1	1	8N-9164	1	PUMP GP-SCAVENTGE (ENGINE OIL)	106
	2	1	4F-9351	4	BOLT-GROUND BODY (3/8-16X1X1.375 IN)	
	3	1	1N-3243	1	TUBE AS	
C	4	1	3P-0657	2	SEAL-O-RING	
	5	1	6K-6164	1	CLIP	
	6	1	6K-6167	1	CLIP	
	7	1	0L-1351	3	BOLT (3/8-16X0.875 IN)	
	8	1	5M-2894	9	WASHER-HARD (10.2X18.5X2.5MM THK)	
	9	1	1N-3193	1	HOUSING	
C	10	1	0S-1590	2	BOLT (3/8-16X2 IN)	
	11	1	4P-5500	1	SCREEN-SCAVENTGE (ENGINE OIL)	
	12	1	4W-8921	1	COVER-SCAVENTGE PUMP	
C	13	1	0S-1591	6	BOLT (3/8-16X1.5 IN)	
	14	1	1N-3239	1	ELBOW (SCAVENTGE DISCHARGE)	
C	15	1	032-3174	2	BOLT	
C	16	1	4P-4917	1	SCREEN-SCAVENTGE (ENGINE OIL)	

C-CHANGE FROM PREVIOUS TYPE
R-REMG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00219271

LUBRICATION SYSTEM

8N-9164 PUMP GP-SCAVENGE-ENGINE OIL*R

S/N: 2GR1180-UP

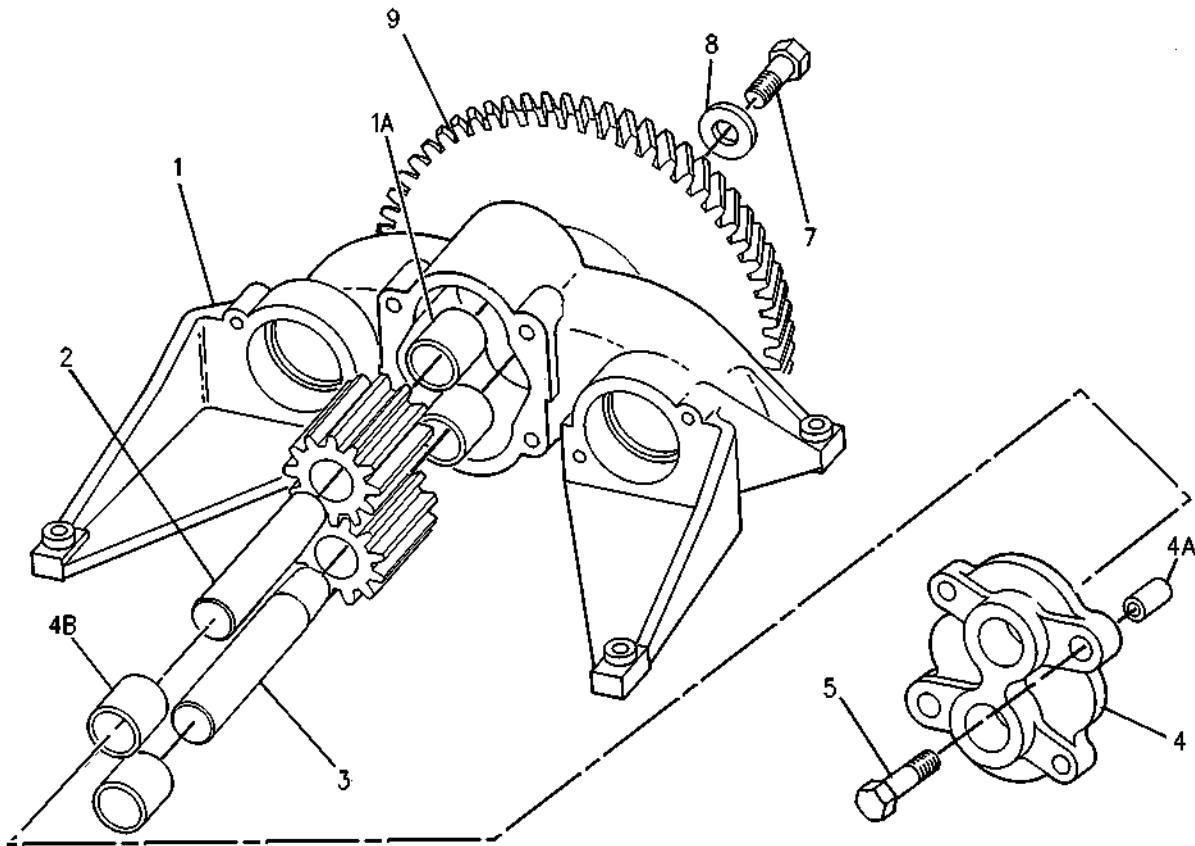
PART OF 1N-3240 PUMP GP-SCAVENGE

SMCS-1312

i01692302

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
C	1	1	2W-6727	1	BODY AS-PUMP	
C	1A	1	1W-6005	2	BEARING-SLEEVE	
C	2	1	7W-0059	1	SHAFT AS-PUMP	
C	3	1	176-3225	1	SHAFT AS-DRIVE	
	4	1	7N-8527	1	COVER AS-PUMP	
	4A	1	4M-3248	2	DOWEL-HOLLOW	
	4B	1	1W-6005	2	BEARING-SLEEVE	
	5	1	0S-1587	4	BOLT (1/2-13X1.75 IN)	
	7	1	0S-0484	1	BOLT (1/2-20X2.25 IN)	
	8	1	053-4679	1	WASHER (10.0MM THK)	
C	9	1	161-2513	1	GEAR-DRIVE (71 TEETH)	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00649813

LUBRICATION SYSTEM

237-0133 TANK GP-ENGINE OIL-METERING

S/N: 7PZ754-UP

PART OF 237-0131 METERING AR-ENGINE OIL
AN ATTACHMENT

SMCS-1302, 1308

i02024479

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9G-5127	1	BREATHER AS (ENGINE OIL METERING TANK)	
	2	1	9Y-9236	3	BODY AS-GAUGE	
	3	1	133-6934	2	SPACER (11X20X25-MM THK)	
	4	1	141-0374	1	SENSOR GP-LIQUID LEVEL (ENGINE OIL METERING TANK)	
I	5	1	235-2329	1	HOSE AS	
	6	1	238-8656	1	TANK AS	
	7	1	240-6901	1	HARNESS AS-SENSOR (OIL LEVEL) (METERING TANK)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	8	1	240-9030	1	CAP-OIL FILLER (METERING TANK)	
	9	1	0S-1621	3	BOLT (1/2-13X1-IN)	
	10	1	148-8327	1	CONNECTOR AS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-8637	1	CONNECTOR	
		1	6V-9746	1	SEAL-O-RING	
	11	1	148-8390	1	ELBOW GP	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8626	1	ELBOW	
		1	7J-9108	1	SEAL-O-RING	
	12	1	159-1643	1	FILM-OIL (ENGINE)	
	13	1	1S-0994	3	CLIP	
	14	1	240-9497	2	FILM-INSTRUCTION (OIL RENEWAL SYSTEM)	
	15	1	2M-9780	1	SEAL-O-RING	
	16	1	3K-0360	1	SEAL-O-RING	
	17	1	7K-1181	21	STRAP-CABLE	
	18	1	7M-8485	3	SEAL-O-RING	
	19	1	8T-2501	2	BOLT (3/8-16X2-IN)	
	20	1	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)	
	21	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	22	1	8T-8919	2	BOLT (1/2-13X1.75-IN)	
	23	1	9S-4190	1	PLUG	
B	24	1	0S-1621	2	BOLT (1/2-13X1-IN)	
B	25	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	

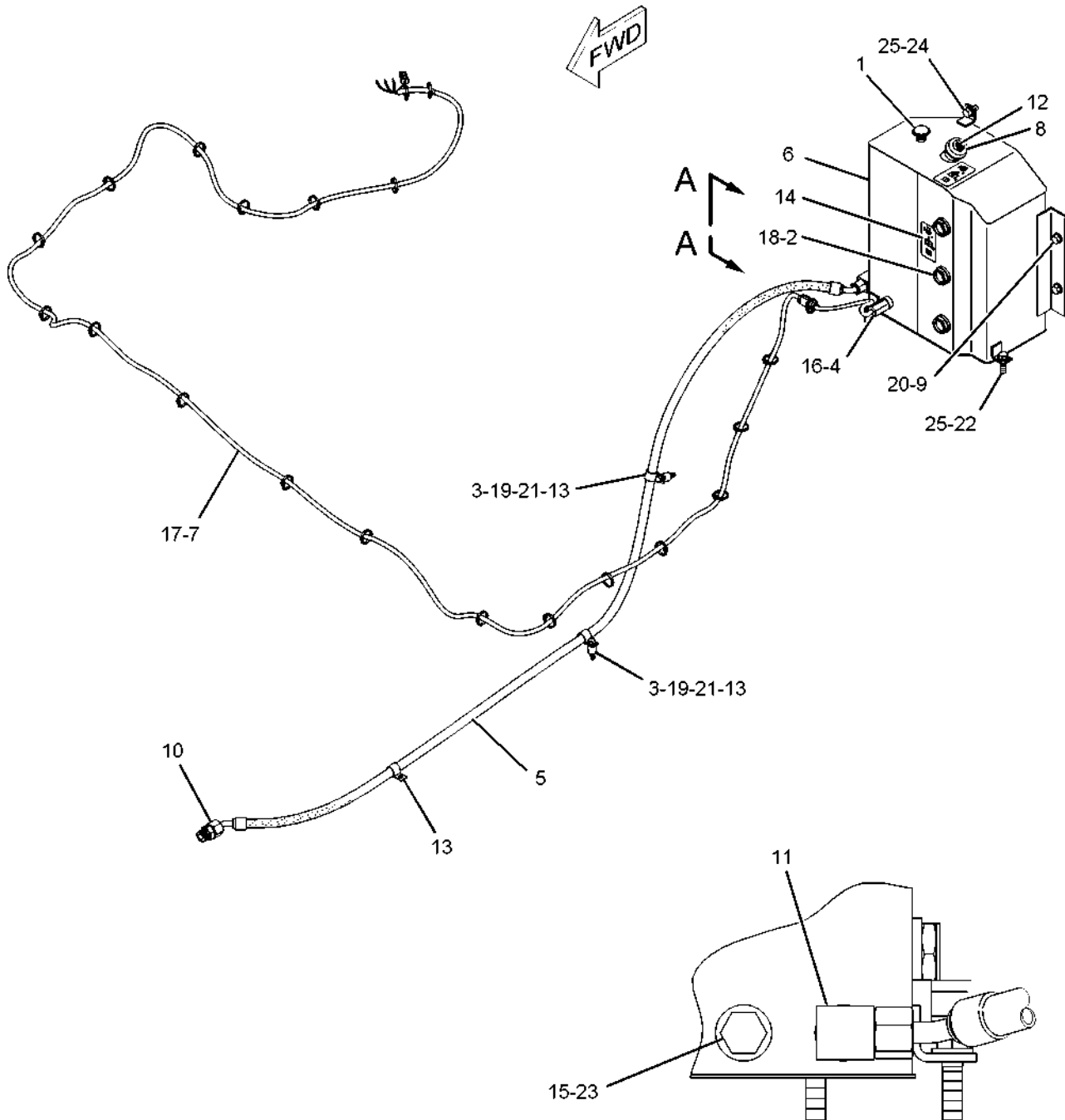
B-USE AS REQUIRED

I-REFER TO HYDRAULIC INFORMATION SYSTEM

LUBRICATION SYSTEM

237-0133 TANK GP - ENGINE OIL (contd.)

i02024479



GRAPHIC #1

<END>

VIEW A-A

g01045886

LUBRICATION SYSTEM

235-0266 VALVE GP-METERING-ENGINE OIL

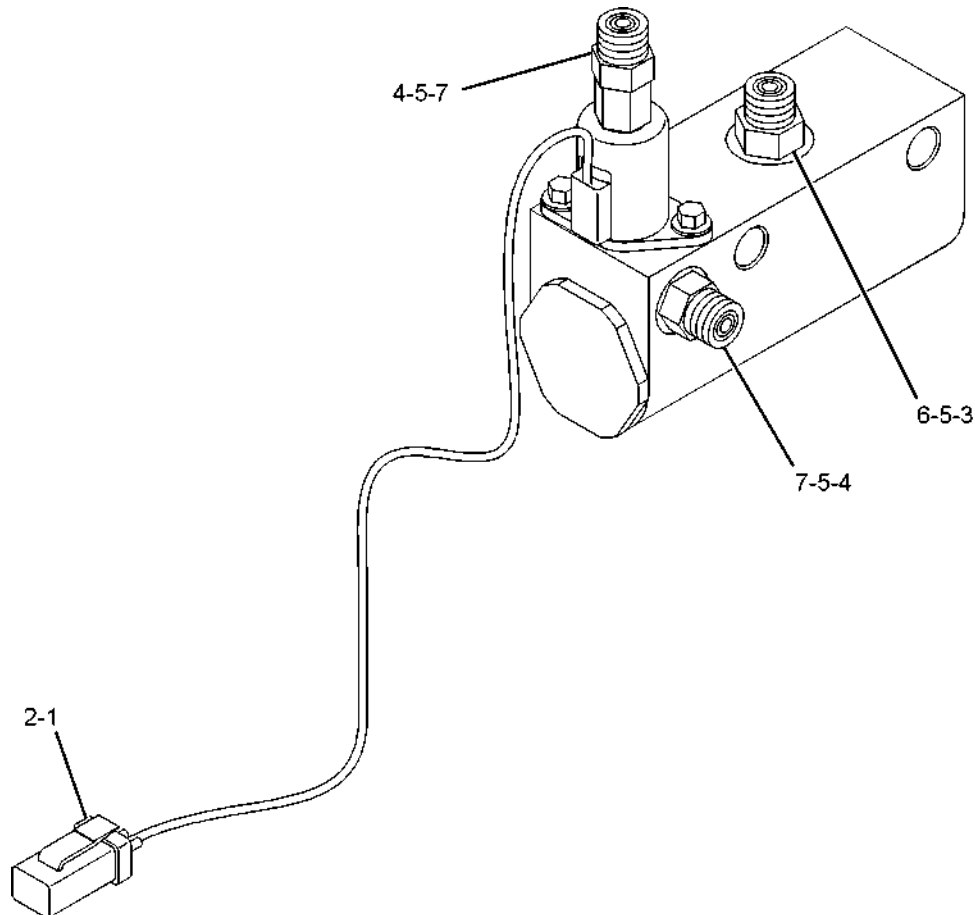
S/N: 7PZ754-UP

PART OF 237-0132 METERING GP-ENGINE OIL
AN ATTACHMENT

SMCS-1307, 130M

i02024457

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
	2	1	186-3736	2	SOCKET-CONNECTOR						
	3	1	3J-1907	1	SEAL-O-RING						
	4	1	3J-7354	2	SEAL-O-RING						
	5	1	4J-5477	3	SEAL-O-RING						
	6	1	6V-8641	1	CONNECTOR						
	7	1	6V-8647	2	CONNECTOR						



GRAPHIC #1

<END>

g01045803

COOLING SYSTEM

127-4451 CONNECTION GP-WATER

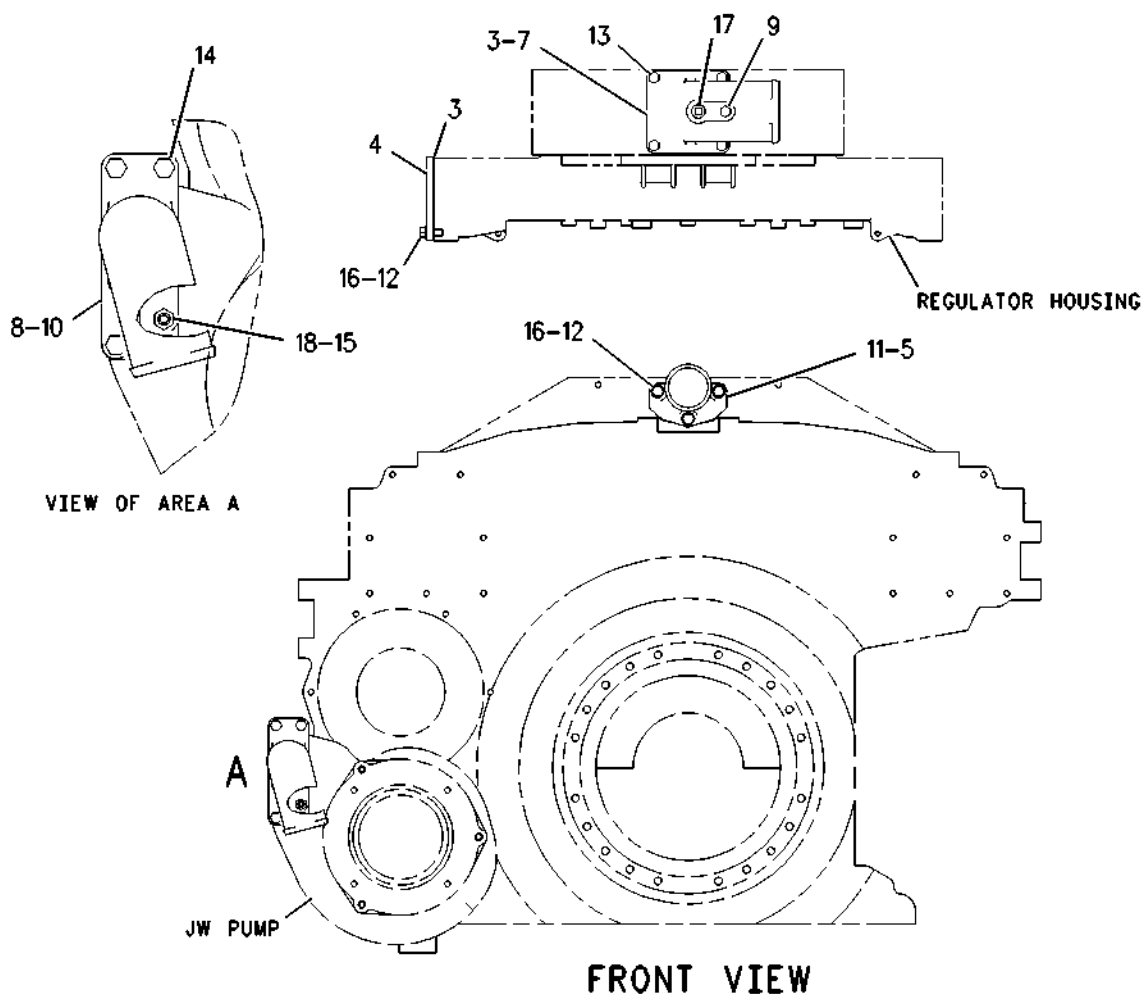
S/N: 2GR3946, 4089, 4313-UP

PART OF 155-5556 ENGINE AR

SMCS-1380

i01692327

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	3	1	7E-6016	2	GASKET						
	4	1	7E-6017	1	COVER						
	5	1	7N-3368	1	GASKET						
	7	1	7N-4930	1	ELBOW-OUTLET						
	8	1	8N-8089	1	GASKET						
	9	1	8T-6765	1	PLUG-PIPE						
	10	1	137-8206	1	ELBOW						
	11	1	167-9559	1	ADAPTER						
	12	1	0S-1594	5	BOLT (3/8-16X1 IN)						
	13	1	1A-2029	4	BOLT (3/8-16X1.125 IN)						
	14	1	4F-0411	3	BOLT (3/8-16X6.5 IN)						
	15	1	4L-4644	1	STUD-TAPERLOCK						
	16	1	5M-2894	5	WASHER-HARD (10.2X18.5X2.5MM THK)						
	17	1	8T-6762	1	PLUG-PIPE						
	18	1	9S-8752	1	NUT-FULL (3/8-16 THD)						



GRAPHIC #1

<END>

g00623063

COOLING SYSTEM

156-9814 CONNECTION GP-WATER

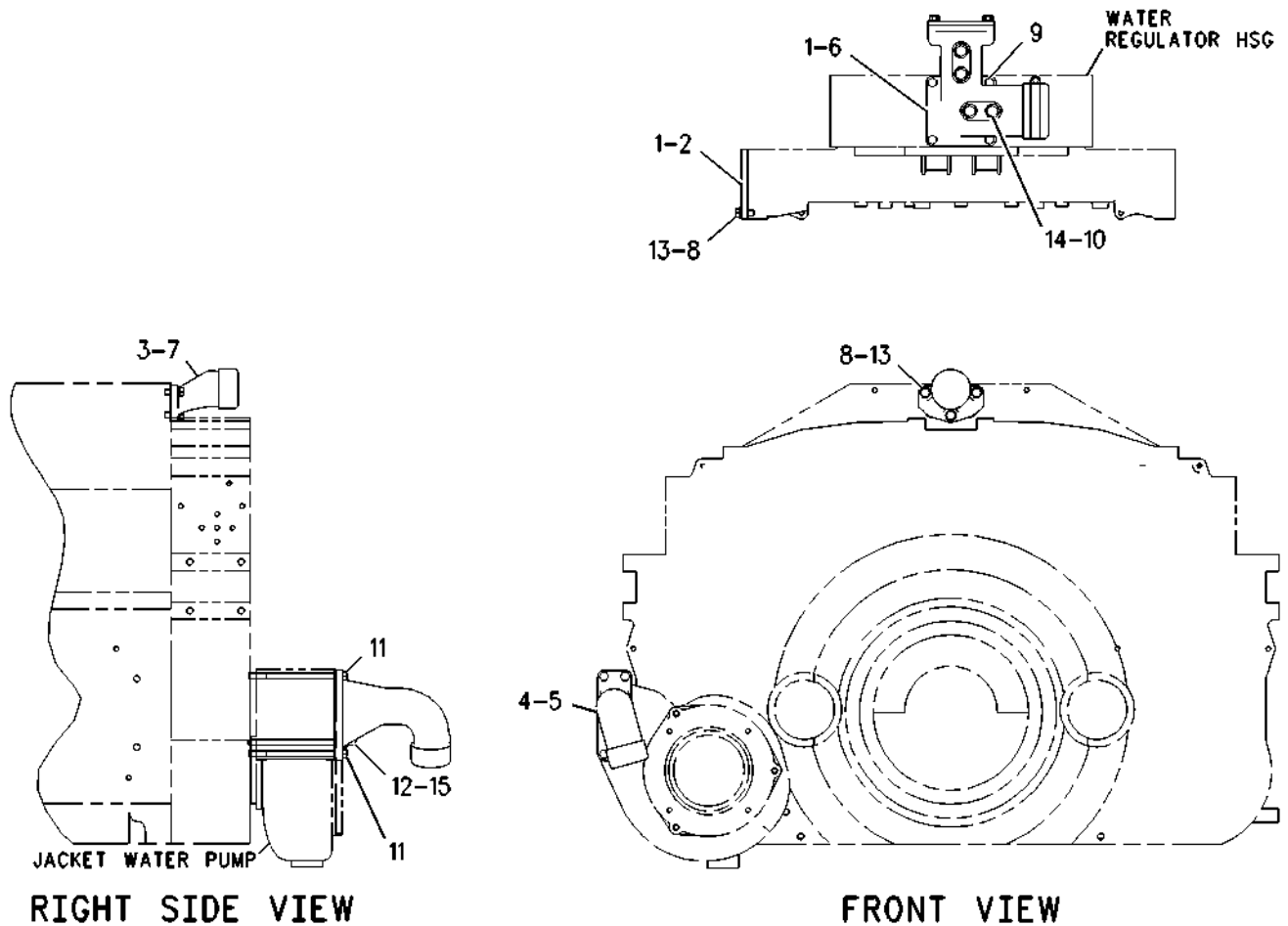
S/N: 2GR1180-3945, 3947-4088, 4090-4312

PART OF 155-5556 ENGINE AR

SMCS-1380

i01135175

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-6016	2	GASKET						
	2	1	7E-6017	1	COVER						
	3	1	7N-3368	1	GASKET						
	4	1	8N-8089	1	GASKET						
	5	1	137-8206	1	ELBOW						
	6	1	156-9822	1	ELBOW-OUTLET						
	7	1	167-9559	1	ADAPTER						
	8	1	0S-1594	5	BOLT (3/8-16X1 IN)						
	9	1	1A-2029	4	BOLT (3/8-16X1.125IN)						
	10	1	3J-1907	4	SEAL-O-RING (11.89MM ID)						
	11	1	4F-0411	3	BOLT (3/8-16X6.5IN)						
	12	1	4L-4644	1	STUD-TAPERLOCK						
	13	1	5M-2894	5	WASHER (2.5MM THK)						
	14	1	9S-4191	4	PLUG-O-RING (9/16-18 THD)						
	15	1	9S-8752	1	NUT (3/8-16 THD)						



GRAPHIC #1

<END>

g00603680

COOLING SYSTEM

4W-5893 COOLER GP-ENGINE OIL

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

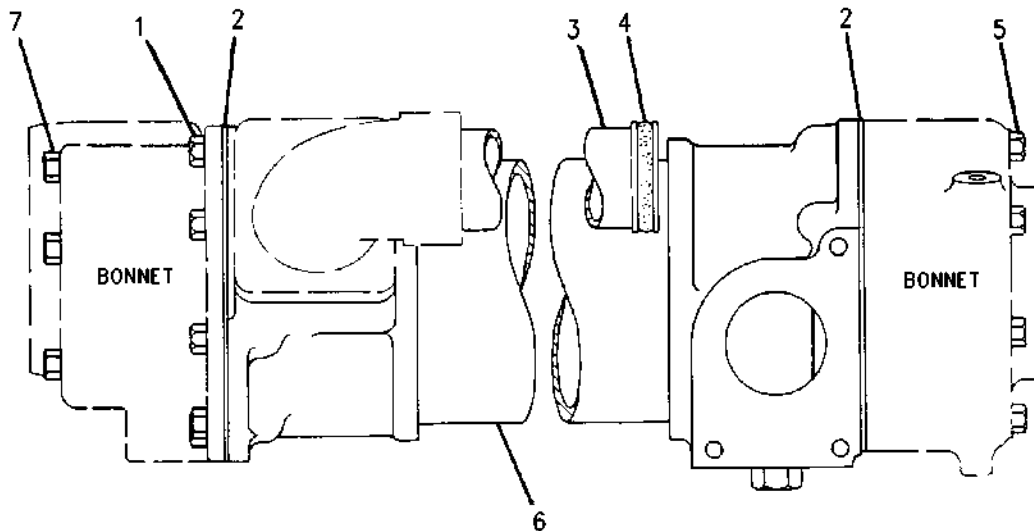
SMCS-1378

i01692330

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-1915	5	BOLT (3/8-16X1.37 IN)						
	2	1	4L-8606	2	GASKET						
	3	1	7W-1928	1	TUBE						
	4	1	109-2332	2	SEAL-O-RING						
	5	1	8S-9191	8	BOLT (3/8-16X4 IN)						
CR	6	1	124-5142	1	CORE AS-OIL COOLER						
	7	1	1A-5183	3	BOLT (3/8-16X4.75 IN)						

C-CHANGE FROM PREVIOUS TYPE

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00620602

COOLING SYSTEM

4W-5363 CORE GP-OIL COOLER*R

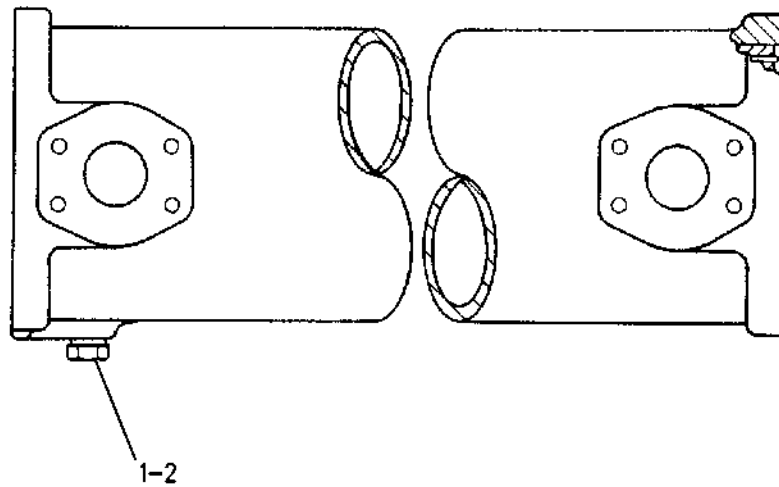
S/N: 2GR1180-UP

PART OF 7N-9182 COOLER GP-HYDRAULIC OIL

SMCS-1374, 1375, 1378

i01205968

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9S-4191	1	PLUG-O-RING (9/16-18 THD)						
	2	1	6V-5049	1	SEAL-O-RING (11.89MM ID)						



GRAPHIC #1

<END>

g00645080

COOLING SYSTEM

156-9842 FAN GP-SUCTION

S/N: 7PZ1-UP

142 CM (56 INCH)

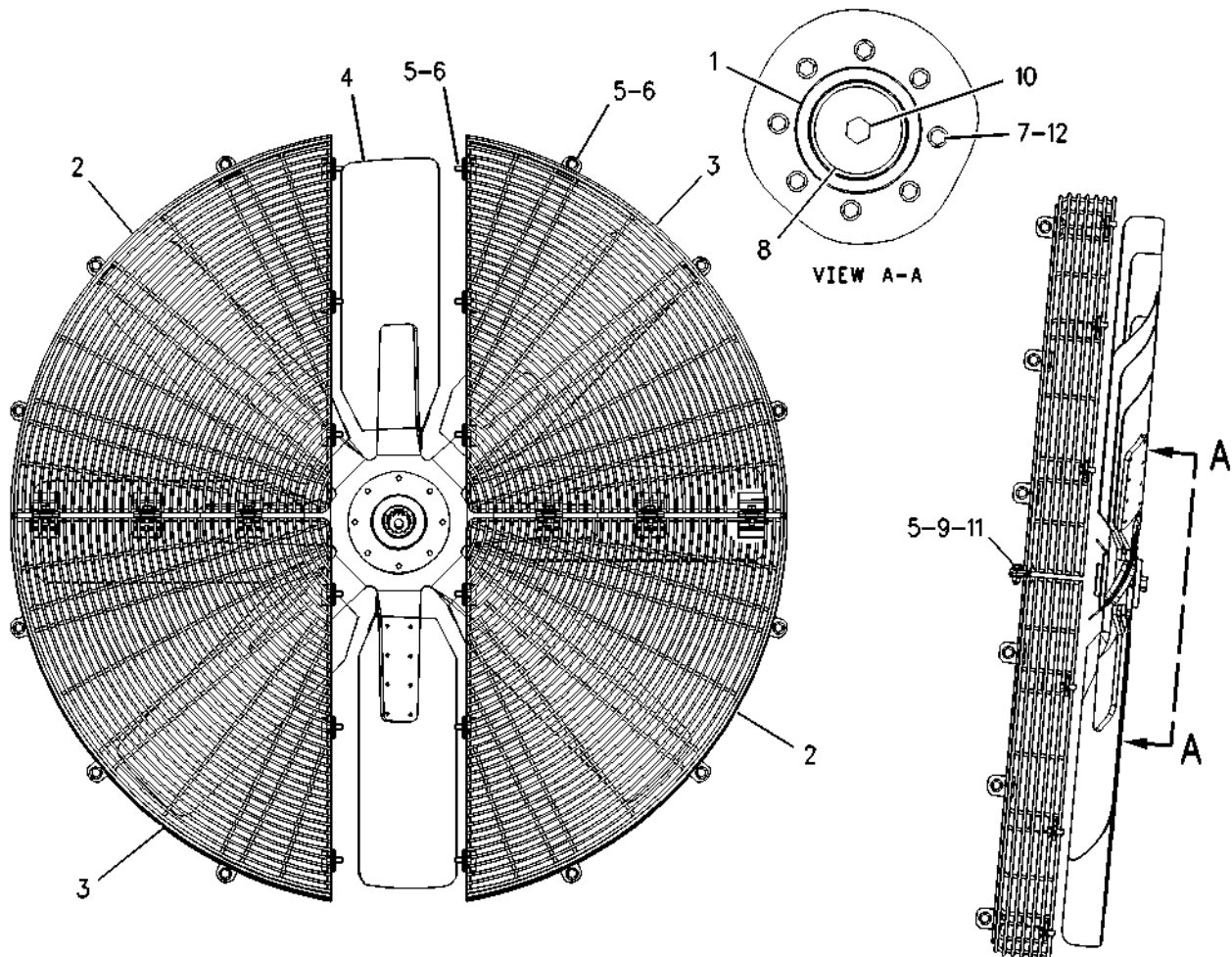
PART OF 155-5557 INSTALLATION AR-ENGINE

TYPE 1

SMCS-1356, 1360

i01610996

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	129-9466	1	ADAPTER-FAN	
	2	1	160-0734	2	GUARD AS-FAN	
	3	1	160-0735	2	GUARD AS-FAN	
	4	1	160-0737	1	SPIDER AS-FAN (8 BLADES)	
	5	1	5P-1075	36	WASHER-HARD (10.2X22.5X3MM THK)	
	6	1	5S-7379	24	BOLT (3/8-16X0.875 IN)	
	7	1	5S-7383	8	BOLT (3/8-16X1.75 IN)	
	8	1	6T-5765	1	WASHER-RETAINING	
	9	1	6V-8801	6	NUT (3/8-16 THD)	
	10	1	7X-0346	1	BOLT (5/8-11X2 IN)	
	11	1	8T-2502	6	BOLT (3/8-16X1.125 IN)	
	12	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)	



GRAPHIC #1

<END>

g00833967

COOLING SYSTEM

156-9842 FAN GP-SUCTION

S/N: 7PZ1-UP

142 CM (56 INCH)

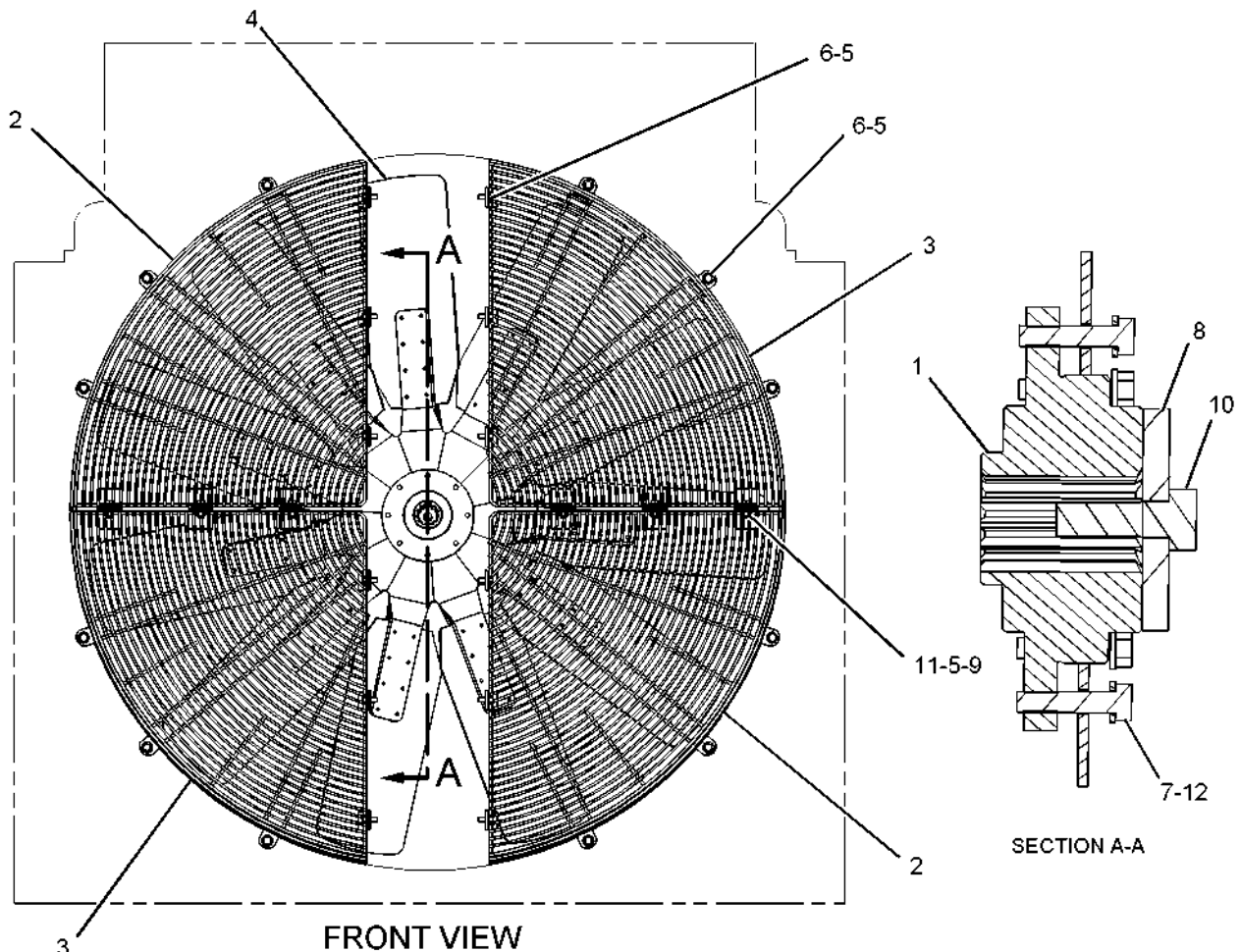
PART OF 155-5557 INSTALLATION AR-ENGINE
TYPE 2

SMCS-1356, 1360

i01928216

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	129-9466	1	ADAPTER-FAN	
	2	1	160-0734	2	GUARD AS-FAN	
	3	1	160-0735	2	GUARD AS-FAN	
C	4	1	232-4571	1	SPIDER AS-FAN (11 BLADES)	
	5	1	5P-1075	36	WASHER-HARD (10.2X22.5X3MM THK)	
	6	1	5S-7379	24	BOLT (3/8-16X0.875 IN)	
	7	1	5S-7383	8	BOLT (3/8-16X1.75 IN)	
	8	1	6T-5765	1	WASHER-RETAINING	
	9	1	6V-8801	6	NUT (3/8-16 THD)	
	10	1	7X-0346	1	BOLT (5/8-11X2 IN)	
	11	1	8T-2502	6	BOLT (3/8-16X1.125 IN)	
	12	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g01023788

COOLING SYSTEM

170-1152 HOUSING & REGULATOR GP

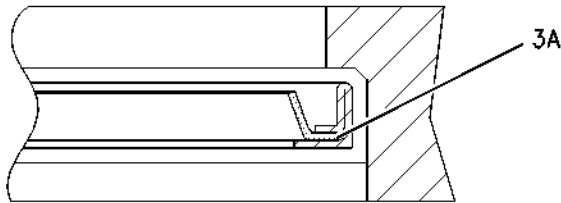
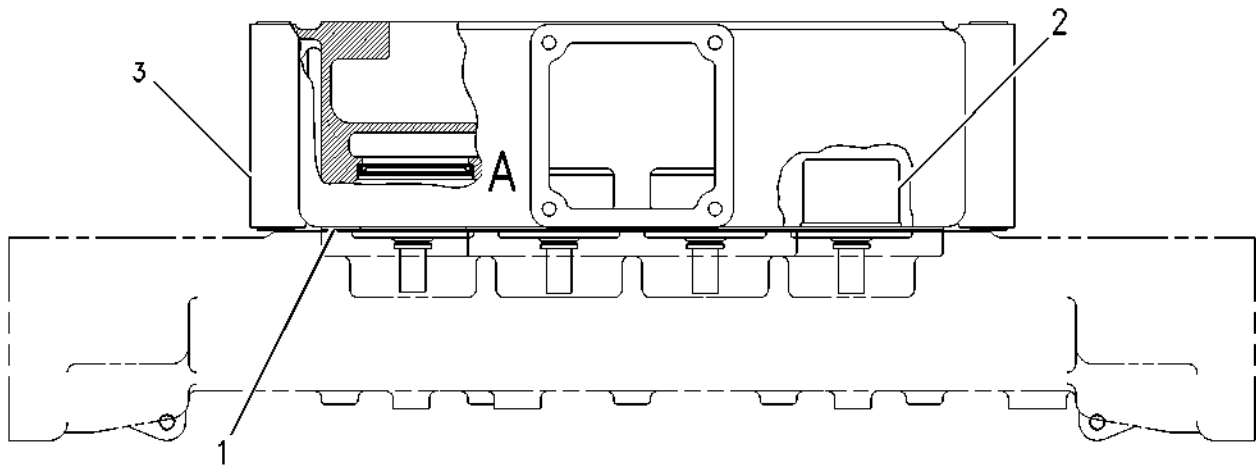
S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1355, 1393

i01105037

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-4927	1	GASKET-HOUSING COVER						
	2	1	6I-4950	4	REGULATOR-TEMPERATURE						
	3	1	170-1151	1	HOUSING AS-REGULATOR						
	3A	1	3S-9643	4	SEAL-LIP						



GRAPHIC #1

<END>

g00582479

COOLING SYSTEM

4P-5540 LINES GP-WATER-LOWER

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1355, 1380, 1393

i02001463

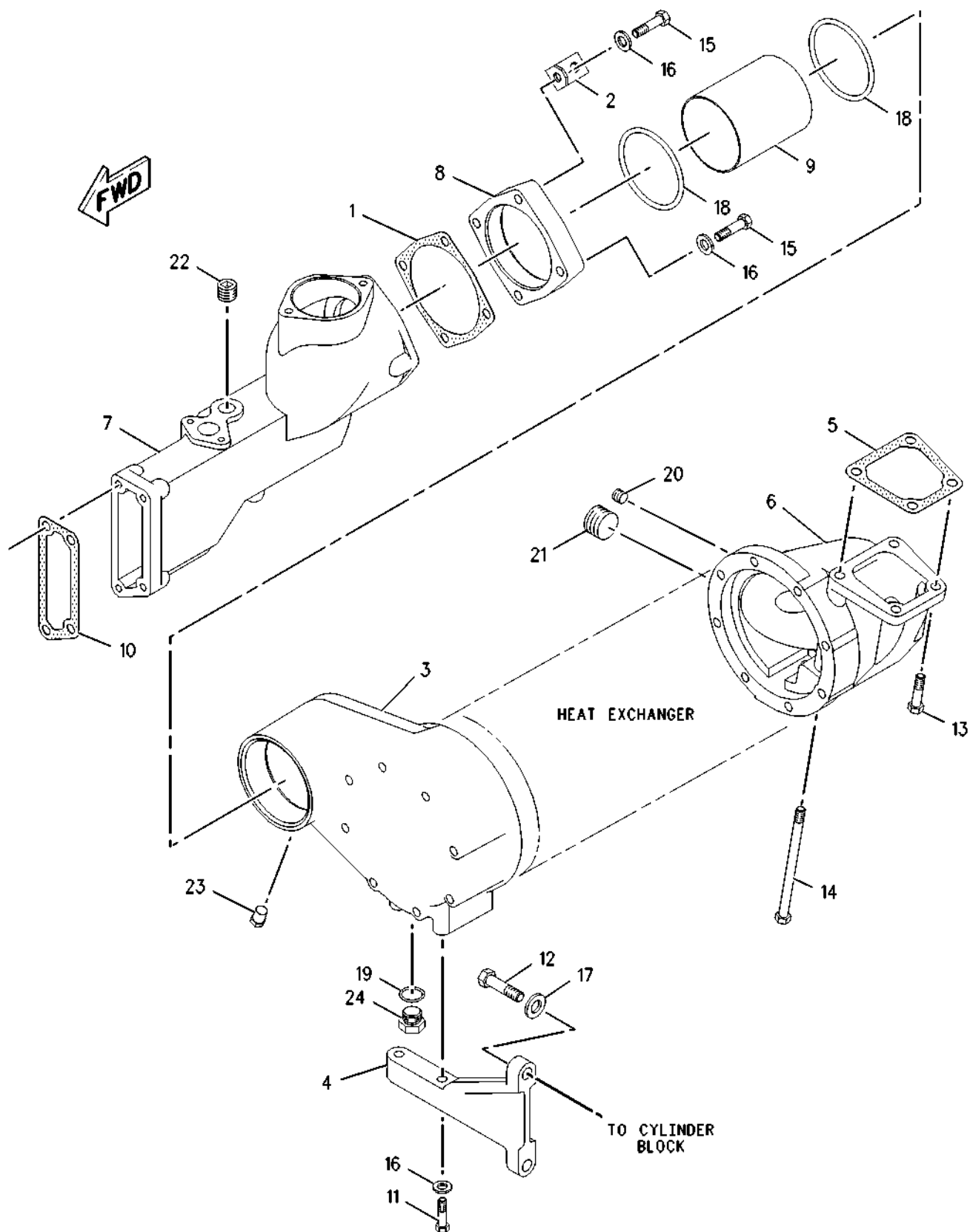
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-1320	1	GASKET-ADAPTER						
	2	1	4P-7048	1	BRACKET						
	3	1	7N-4939	1	BONNET-OIL COOLER						
	4	1	7N-4940	1	BRACKET						
	5	1	7N-4945	1	GASKET						
	6	1	7N-6426	1	BONNET-OIL COOLER						
	7	1	7W-3541	1	ADAPTER-WATER LINE						
	8	1	8N-0386	1	FLANGE						
	9	1	8N-7641	1	TUBE						
	10	1	8N-8089	1	GASKET						
	11	1	0S-1571	2	BOLT (3/8-16X1.75 IN)						
	12	1	0S-1585	2	BOLT (1/2-13X1.50 IN)						
	13	1	1A-2029	2	BOLT (3/8-16X1.125 IN)						
	14	1	1D-4706	2	BOLT (3/8-16X6 IN)						
	15	1	2A-4639	4	BOLT (3/8-16X1.625 IN)						
	16	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5MM THK)						
	17	1	5P-8245	2	WASHER-HARD (13.5X25.5X3MM THK)						
	18	1	6V-5066	2	SEAL-O-RING						
	19	1	6V-6609	1	SEAL-O-RING						
	20	1	8T-6758	1	PLUG-PIPE						
	21	1	8T-6761	1	PLUG-PIPE						
B	22	1	8T-6762	1	PLUG-PIPE						
	23	1	8T-6765	2	PLUG-PIPE						
	24	1	9S-4185	1	PLUG						

B-USE AS REQUIRED

COOLING SYSTEM

4P-5540 LINES GP-WATER (contd.)

i02001463



GRAPHIC #1

<END>

g01000856

COOLING SYSTEM

156-9815 LINES GP-WATER-AFTERCOOLER

S/N: 2GR1180-4208

PART OF 155-5556 ENGINE AR

SMCS-1355, 1380, 1393

i01683470

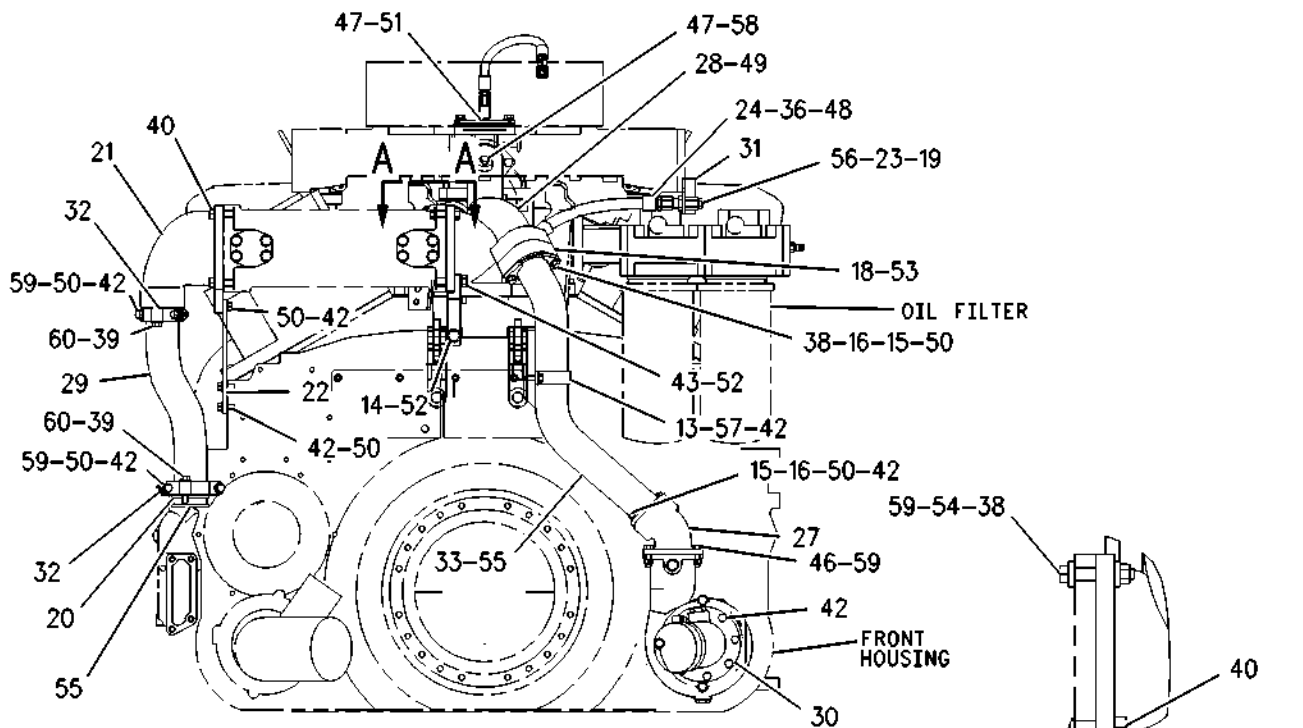
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	12	1	1A-9066	2	GASKET						
	13	1	4H-7993	1	CLIP						
	14	1	4S-5882	1	BOLT (1/2-13X7.25 IN)						
	15	1	4W-0530	2	RING-RETAINING						
	16	1	4W-0531	4	RETAINER						
	17	1	6H-6698	1	COVER						
	18	1	7C-9597	2	FLANGE						
	19	1	7F-2050	1	LOCKNUT (3/4-16 THD)						
	20	1	7W-1855	2	RING-RETAINING						
	21	1	7W-3535	1	ELBOW						
	22	1	7W-3543	1	PLATE						
	23	1	8T-3569	1	CONNECTOR						
I	24	1	9W-5215	1	HOSE AS						
	25	1	151-2682	1	BRACKET						
	26	1	156-9820	1	ELBOW-OUTLET						
	27	1	156-9825	1	ELBOW-OUTLET						
	28	1	156-9833	1	ELBOW-INLET						
	29	1	159-4762	1	TUBE AS						
	30	1	165-7830	1	ELBOW						
	31	1	169-2619	1	BRACKET						
	32	1	170-1155	4	CLAMP AS						
	33	1	177-0609	1	TUBE						
	34	1	187-4606	1	HOSE AS						
	35	1	030-3978	1	CONNECTOR						
	36	1	030-7943	1	ELBOW						
	37	1	030-7962	1	ELBOW						
	38	1	0L-2070	3	BOLT (3/8-16X2.25 IN)						
	39	1	0S-1571	4	BOLT (3/8-16X1.75 IN)						
	40	1	0S-1585	6	BOLT (1/2-13X1.50 IN)						
	41	1	0S-1588	2	BOLT (3/8-16X1.25 IN)						
	42	1	0S-1594	24	BOLT (3/8-16X1 IN)						
	43	1	1A-1460	1	BOLT (1/2-13X2 IN)						
	44	1	1A-5964	2	BOLT (3/8-16X4.5 IN)						
	45	1	1C-2251	2	BOLT (3/8-16X1.87 IN)						
	46	1	3B-1915	4	BOLT (3/8-16X1.37 IN)						
	47	1	3J-7354	3	SEAL-O-RING						
	48	1	3K-0360	1	SEAL-O-RING						
	49	1	5B-4399	1	SEAL-O-RING						
	50	1	5M-2894	16	WASHER-HARD (10.2X18.5X2.5MM THK)						
	51	1	5P-2645	1	ELBOW						
	52	1	5P-8245	2	WASHER-HARD (13.5X25.5X3MM THK)						
	53	1	6J-2680	3	SEAL-O-RING						
	54	1	8M-9024	2	WASHER-HARD (10.2X22.5X5MM THK)						
	55	1	8T-1919	4	SEAL-O-RING						
	56	1	8T-6767	1	PLUG-PIPE						
	57	1	9L-9132	2	WASHER (10.2X25.5X2.5MM THK)						
	58	1	9S-4182	1	PLUG						
	59	1	9S-8752	9	NUT-FULL (3/8-16 THD)						
	60	1	9X-6458	4	WASHER-HARD (10.2X22.5X3MM THK)						

I-SEE HOSE FABRICATION GUIDE

COOLING SYSTEM

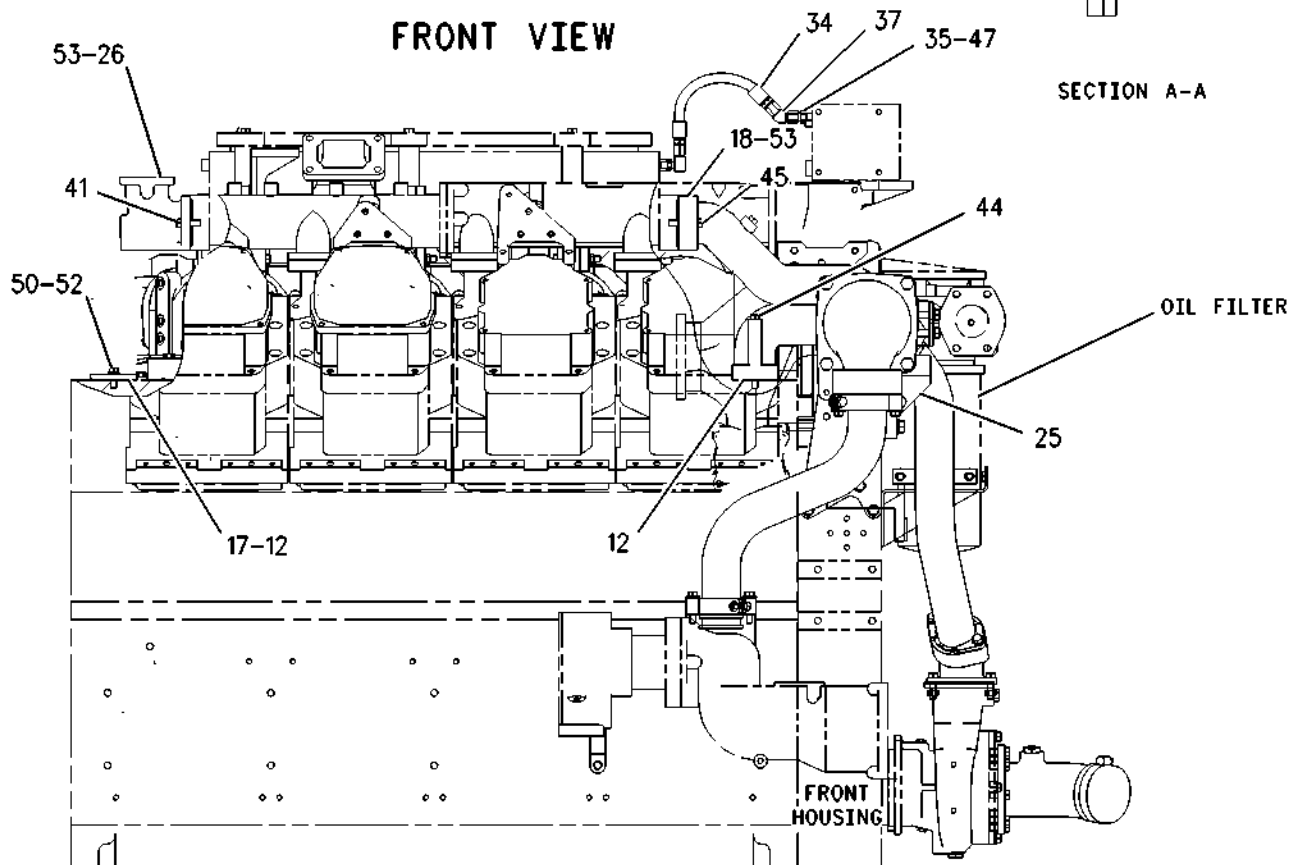
156-9815 LINES GP-WATER (contd.)

i01683470



FRONT VIEW

SECTION A-A



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00876716

COOLING SYSTEM

156-9815 LINES GP-WATER-AFTERCOOLER

S/N: 2GR4209-4312

PART OF 155-5556 ENGINE AR

SMCS-1355, 1380, 1393

i01820009

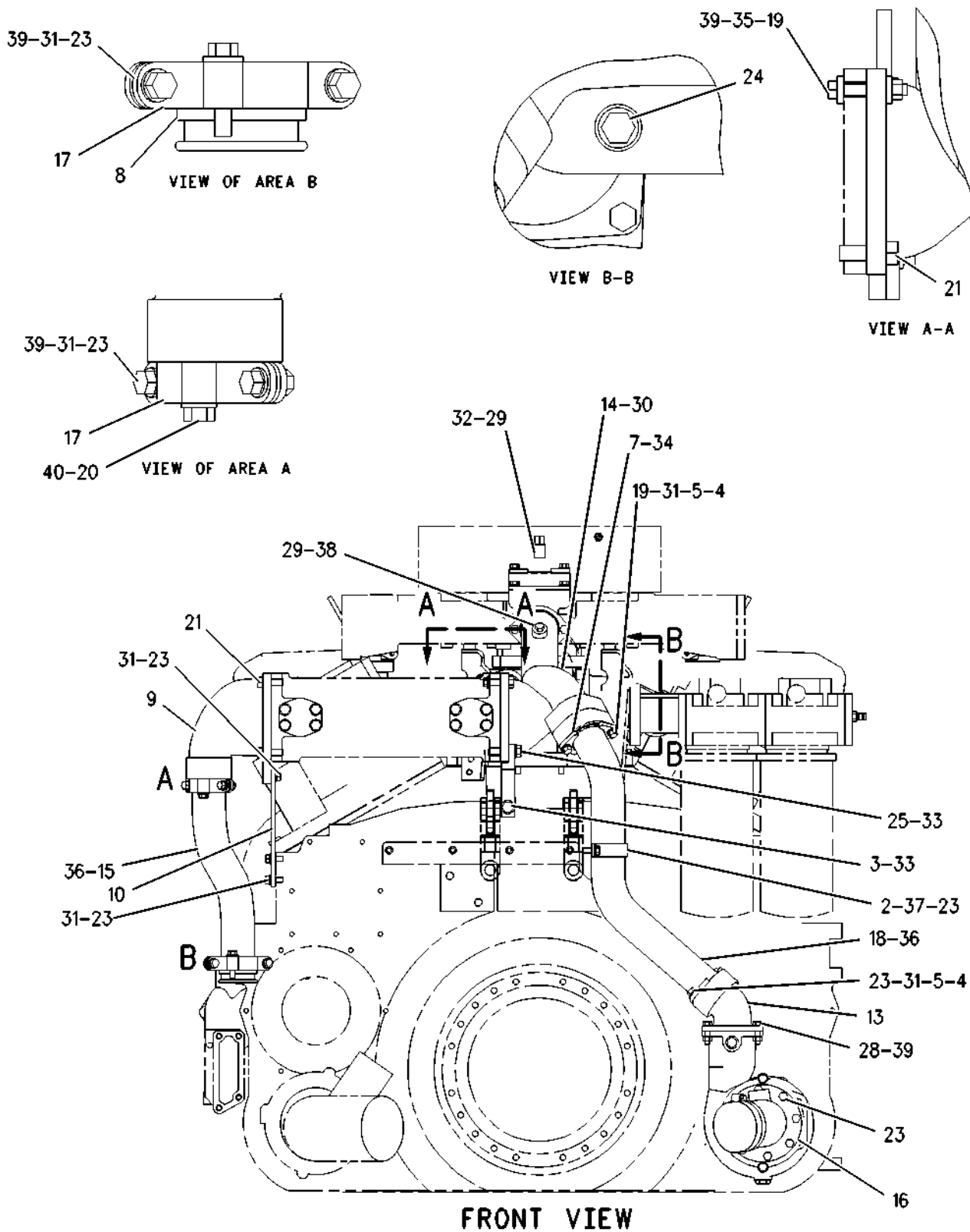
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	1A-9066	2	GASKET	
	2	1	4H-7993	1	CLIP	
	3	1	4S-5882	1	BOLT (1/2-13X7.25 IN)	
	4	1	4W-0530	2	RING-RETAINING	
	5	1	4W-0531	4	RETAINER	
	6	2	6H-6698	1	COVER	
	7	1,2	7C-9597	2	FLANGE	
	8	1	7W-1855	2	RING-RETAINING	
	9	1	7W-3535	1	ELBOW	
	10	1	7W-3543	1	PLATE	
	11	2	151-2682	1	BRACKET	
	12	2	156-9820	1	ELBOW-OUTLET	
	13	1	156-9825	1	ELBOW-OUTLET	
	14	1	156-9833	1	ELBOW	
	15	1	159-4762	1	TUBE AS	
	16	1	165-7830	1	ELBOW	
	17	1	170-1155	4	CLAMP AS	
	18	1	177-0609	1	TUBE	
	19	1	0L-2070	3	BOLT (3/8-16X2.25 IN)	
	20	1	0S-1571	4	BOLT (3/8-16X1.75 IN)	
	21	1	0S-1585	6	BOLT (1/2-13X1.50 IN)	
	22	2	0S-1588	2	BOLT (3/8-16X1.25 IN)	
	23	1,2	0S-1594	24	BOLT (3/8-16X1 IN)	
C	24	1	148-8411	1	PLUG AS	
	25	1	1A-1460	1	BOLT (1/2-13X2 IN)	
	26	2	1A-5964	2	BOLT (3/8-16X4.5 IN)	
	27	2	1C-2251	2	BOLT (3/8-16X1.87 IN)	
	28	1	3B-1915	4	BOLT (3/8-16X1.75 IN)	
	29	1,2	3J-7354	3	SEAL-O-RING	
	30	1	5B-4399	1	SEAL-O-RING	
	31	1,2	5M-2894	16	WASHER-HARD (10.2X18.5X2.5MM THK)	
	32	1	5P-2645	1	ELBOW	
	33	1	5P-8245	2	WASHER-HARD (13.5X25.5X3MM THK)	
	34	1,2	6J-2680	3	SEAL-O-RING	
	35	1	8M-9024	2	WASHER-HARD (10.2X22.5X5MM THK)	
	36	1	8T-1919	4	SEAL-O-RING	
	37	1	9L-9132	2	WASHER (10.2X25.5X2.5MM THK)	
C	38	1,2	9S-4182	2	PLUG	
	39	1	9S-8752	9	NUT-FULL (3/8-16 THD)	
	40	1	9X-6458	4	WASHER-HARD (10.2X22.5X3MM THK)	

C-CHANGE FROM PREVIOUS TYPE

COOLING SYSTEM

156-9815 LINES GP-WATER (contd.)

i01820009



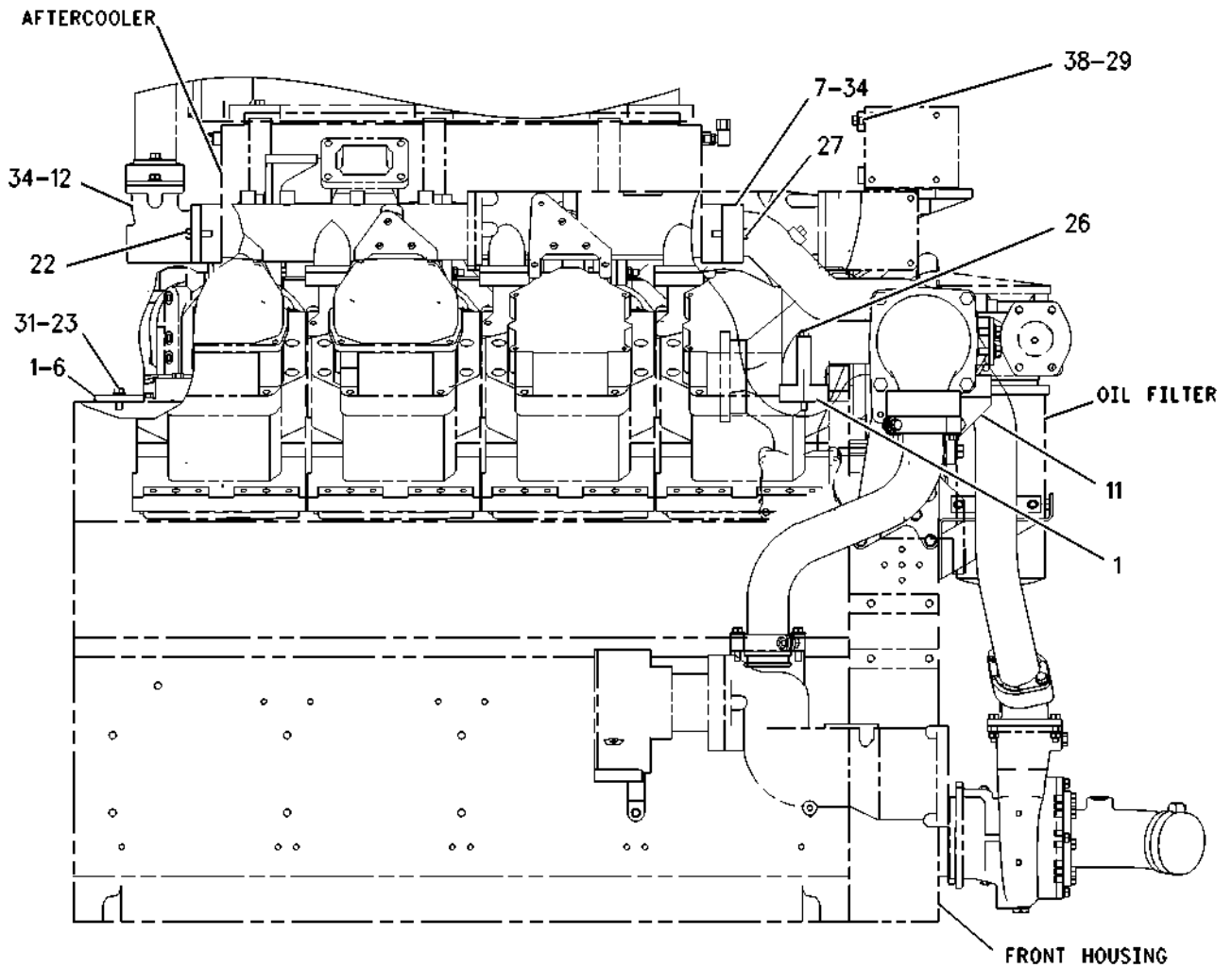
GRAPHIC #1

g01001939

COOLING SYSTEM

156-9815 LINES GP-WATER (contd.)

i01820009



RIGHT SIDE VIEW

GRAPHIC #2

<END>

g01001938

COOLING SYSTEM

156-9815 LINES GP-WATER

S/N: 2GR4313-UP

AFTERCOOLER

PART OF 155-5556 ENGINE AR

SMCS-1355, 1380, 1393

i02000828

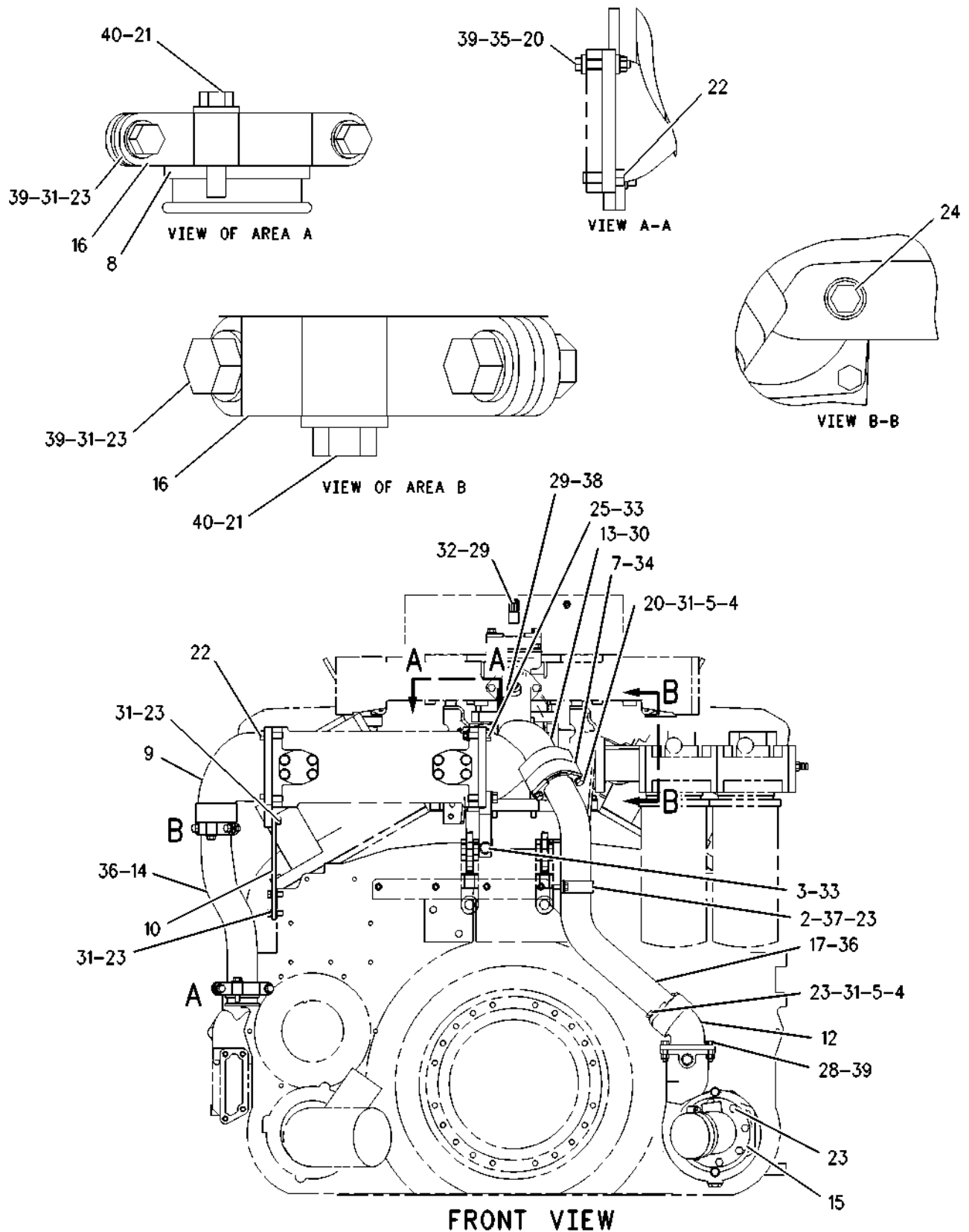
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	1A-9066	2	GASKET						
	2	1	4H-7993	1	CLIP						
	3	1	4S-5882	1	BOLT (1/2-13X7.25 IN)						
	4	1	4W-0530	2	RING-RETAINING						
	5	1	4W-0531	4	RETAINER						
C	6	2	6B-7469	2	SPACER (13/32X7/8X7/8 IN THK)						
C	7	1,2	7C-9597	3	FLANGE						
	8	1	7W-1855	2	RING-RETAINING						
	9	1	7W-3535	1	ELBOW						
	10	1	7W-3543	1	PLATE						
	11	2	151-2682	1	BRACKET						
	12	1	156-9825	1	ELBOW-OUTLET						
	13	1	156-9833	1	ELBOW						
	14	1	159-4762	1	TUBE AS						
	15	1	165-7830	1	ELBOW						
	16	1	170-1155	4	CLAMP AS						
	17	1	177-0609	1	TUBE						
C	18	2	217-7058	1	ELBOW						
C	19	2	0L-1143	2	BOLT (3/8-16X2.50 IN)						
	20	1	0L-2070	3	BOLT (3/8-16X2.25 IN)						
	21	1	0S-1571	4	BOLT (3/8-16X1.75 IN)						
	22	1	0S-1585	6	BOLT (1/2-13X1.50 IN)						
C	23	1	0S-1594	22	BOLT (3/8-16X1 IN)						
	24	1	148-8411	1	PLUG AS						
	25	1	1A-1460	1	BOLT (1/2-13X2 IN)						
	26	2	1A-5964	2	BOLT (3/8-16X4.5 IN)						
C	27	2	1C-2251	4	BOLT (3/8-16X1.87 IN)						
	28	1	3B-1915	4	BOLT (3/8-16X1.75 IN)						
	29	1,2	3J-7354	3	SEAL-O-RING						
C	30	1,2	5B-4399	2	SEAL-O-RING						
	31	1,2	5M-2894	16	WASHER-HARD (10.2X18.5X2.5MM THK)						
	32	1	5P-2645	1	ELBOW						
	33	1	5P-8245	2	WASHER-HARD (13.5X25.5X3MM THK)						
	34	1,2	6J-2680	3	SEAL-O-RING						
	35	1	8M-9024	2	WASHER-HARD (10.2X22.5X5MM THK)						
	36	1	8T-1919	4	SEAL-O-RING						
	37	1	9L-9132	2	WASHER (10.2X25.5X2.5MM THK)						
	38	1,2	9S-4182	2	PLUG						
	39	1	9S-8752	9	NUT-FULL (3/8-16 THD)						
	40	1	9X-6458	4	WASHER-HARD (10.2X22.5X3MM THK)						

C-CHANGE FROM PREVIOUS TYPE

COOLING SYSTEM

156-9815 LINES GP-WATER (contd.)

i02000828



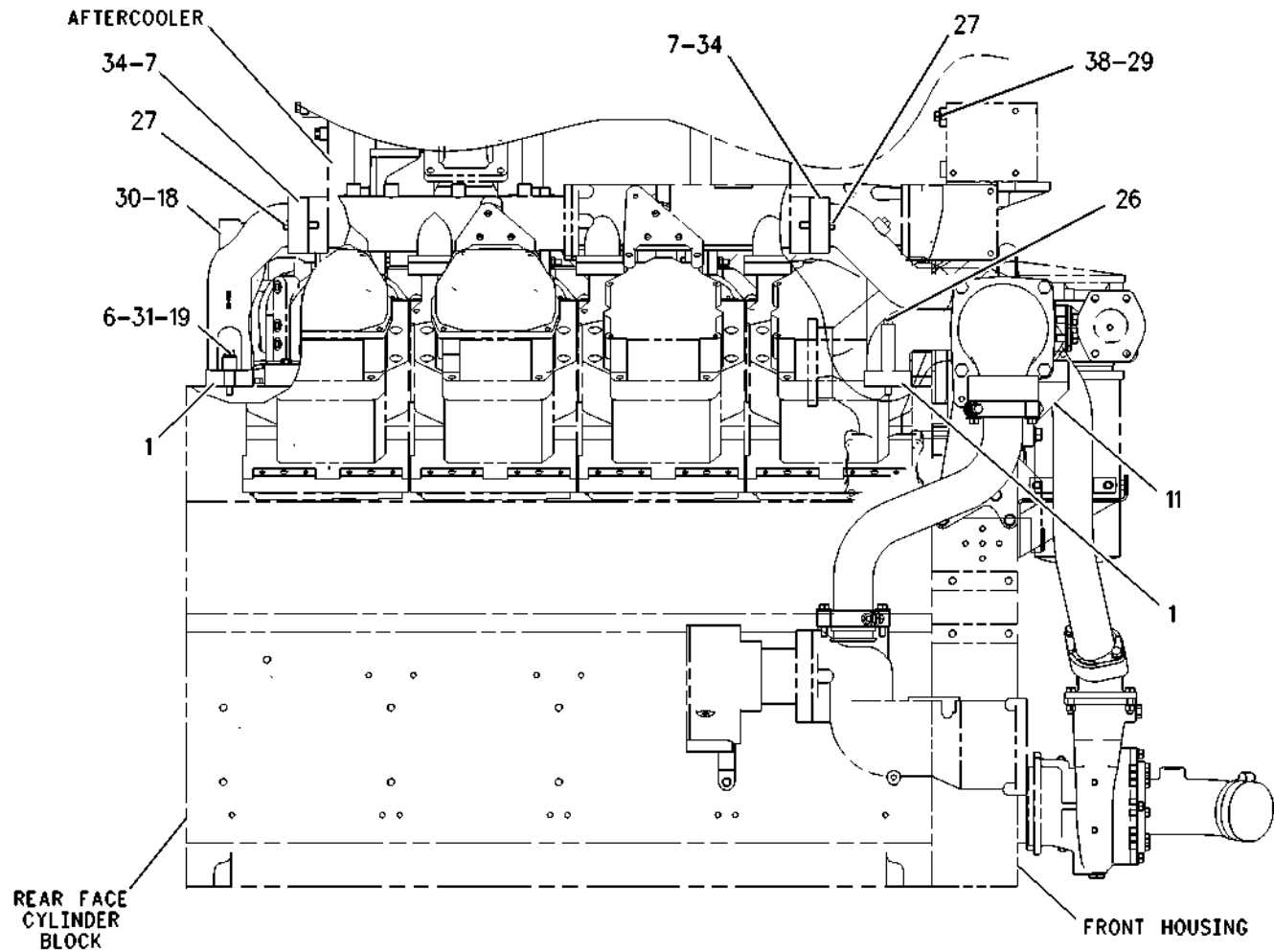
GRAPHIC #1

g01002070

COOLING SYSTEM

156-9815 LINES GP-WATER (contd.)

i02000828



GRAPHIC #2

<END>

g01002072

COOLING SYSTEM

156-9840 LINES GP-WATER-BYPASS

S/N: 2GR1180-4208

PART OF 155-5556 ENGINE AR

SMCS-1355, 1380, 1393

i01788742

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2N-0931	1	GASKET						
	2	1	2N-1117	1	CLAMP						
	3	1	4W-3100	1	GASKET						
	4	1	9F-2773	1	BOLT (3/8-16X8.5 IN)						
	5	1	9L-9132	3	WASHER (10.2X25.5X2.5MM THK)						
BE	6	1	5P-1265		HOSE						
	7	1	7W-3540	1	ELBOW						
	8	1	8N-8718	1	TUBE						
	9	1	144-0367	4	CLAMP-HOSE						
	10	1	137-8173	1	SHIM (10MM THK)						
	11	1	137-8239	1	ADAPTER						
	12	1	170-1159	1	COVER						
	13	1	177-0259	1	SUPPORT AS						
		1	1F-0750	6	NUT-WELD (3/8-16 THD)						
	14	1	0S-1594	9	BOLT (3/8-16X1 IN)						
	15	1	0S-1621	3	BOLT (1/2-13X1 IN)						
	16	1	0T-0065	1	BOLT (3/8-16X3.5 IN)						
	17	1	1D-4706	3	BOLT (3/8-16X6 IN)						
	18	1	3E-7430	1	PLUG-PIPE						
	19	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)						
	20	1	5P-8245	3	WASHER-HARD (13.5X25.5X3MM THK)						
	21	1	6V-6809	1	SEAL-O-RING						
	22	1	8T-6765	1	PLUG-PIPE						

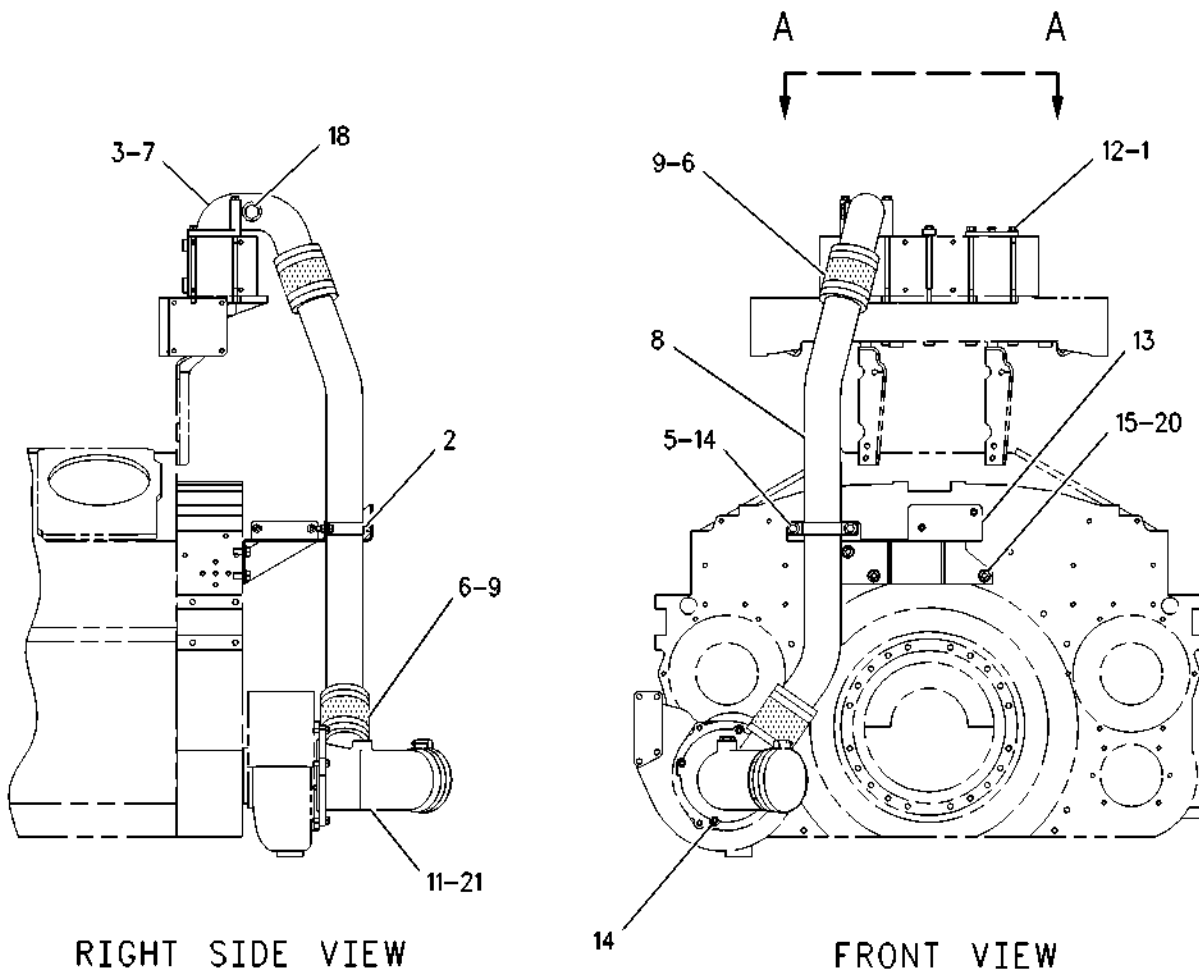
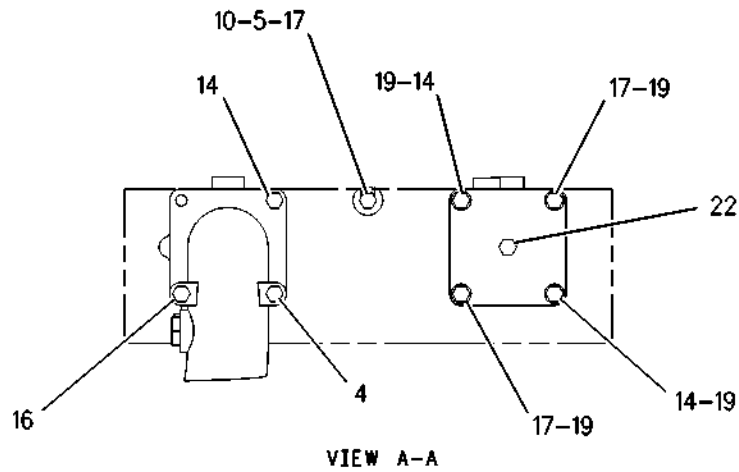
B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER

COOLING SYSTEM

156-9840 LINES GP-WATER (contd.)

i01788742



GRAPHIC #1

<END>

g00857876

COOLING SYSTEM

156-9840 LINES GP-WATER-BYPASS

S/N: 2GR4209-UP

PART OF 155-5556 ENGINE AR

SMCS-1355, 1380, 1393

i01820123

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2N-0931	1	GASKET						
	2	1	2N-1117	1	CLAMP						
	3	1	4W-3100	1	GASKET						
E	4	1	5P-1265		HOSE (12CM EACH)						
	5	1	7W-3540	1	ELBOW						
	6	1	8N-8718	1	TUBE						
B	7	1	137-8173	1	SHIM (10MM THK)						
	8	1	137-8239	1	ADAPTER						
	9	1	144-0367	4	CLAMP-HOSE						
	10	1	170-1159	1	COVER						
	11	1	177-0259	1	SUPPORT AS						
		1	1F-0750	6	NUT-WELD (3/8-16 THD)						
	12	1	0S-1594	9	BOLT (3/8-16X1 IN)						
	13	1	0S-1621	3	BOLT (1/2-13X1 IN)						
	14	1	0T-0065	1	BOLT (3/8-16X3.5 IN)						
	15	1	1D-4706	3	BOLT (3/8-16X6 IN)						
	16	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)						
	17	1	5P-8245	3	WASHER-HARD (13.5X25.5X3MM THK)						
	18	1	6V-6809	1	SEAL-O-RING						
	19	1	8T-6765	1	PLUG-PIPE						
	20	1	9F-2773	1	BOLT (3/8-16X8.5 IN)						
	21	1	9L-9132	3	WASHER (10.2X25.5X2.5MM THK)						

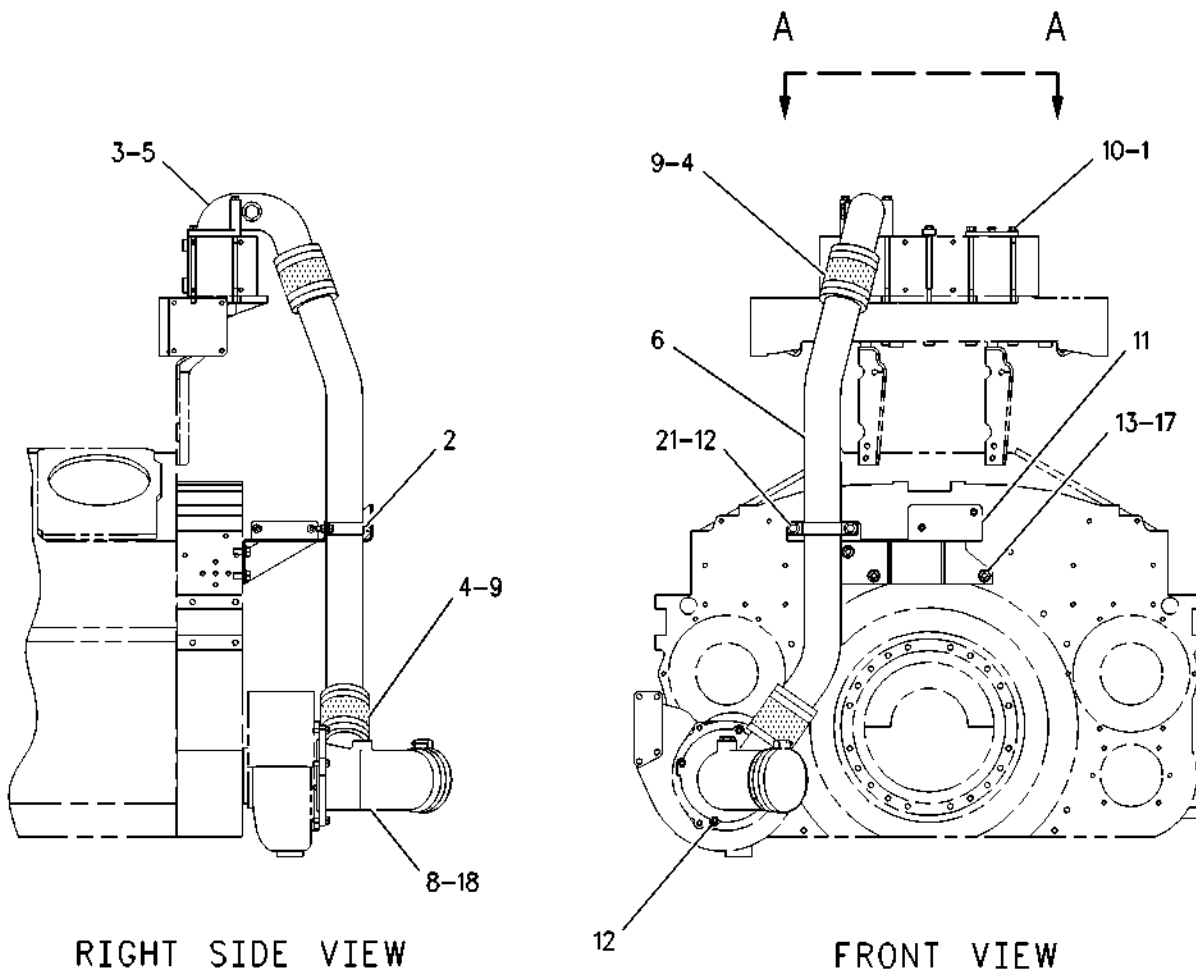
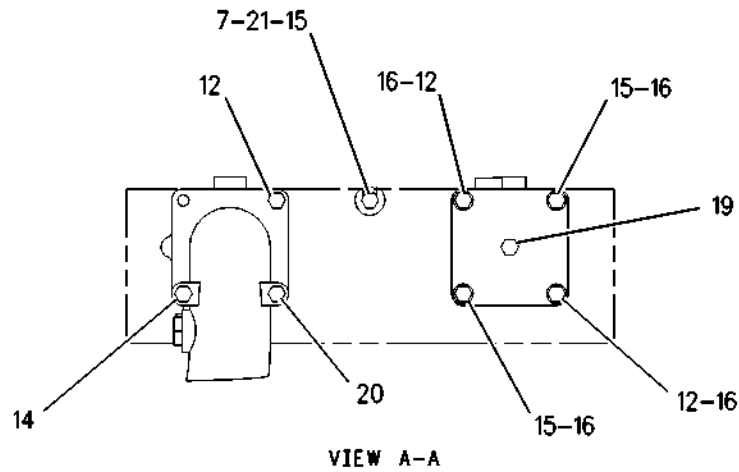
B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER

COOLING SYSTEM

156-9840 LINES GP-WATER (contd.)

i01820123



GRAPHIC #1

<END>

g00947209

COOLING SYSTEM

156-9843 LINES GP-WATER-AFTERCOOLER

S/N: 7PZ1-675

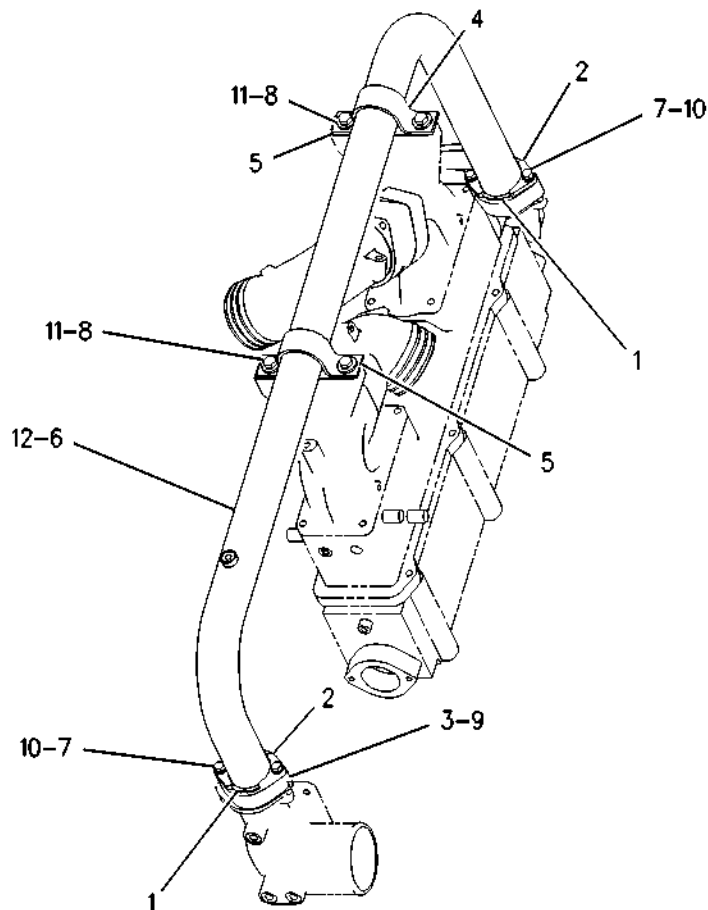
PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1355, 1380, 1393

i02000872

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4W-0530	2	RING-RETAINING	
	2	1	4W-0531	4	RETAINER	
	3	1	7C-9597	2	FLANGE	
	4	1	160-6194	2	CLIP-SADDLE	
B	5	1	164-7699	4	SHIM (3MM THK)	
	6	1	165-7816	1	TUBE AS	
	7	1	0L-2070	4	BOLT (3/8-16X2.25 IN)	
	8	1	5C-6565	4	BOLT (1/2-13X1.125 IN)	
	9	1	5H-8848	2	SEAL-O-RING	
	10	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	11	1	5P-1076	4	WASHER-HARD (13.5X30X4MM THK)	
	12	1	8T-1919	2	SEAL-O-RING	

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00777384

COOLING SYSTEM

159-4756 LINES GP-WATER-TRANSMISSION COOLER

S/N: 7PZ1-UP

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1355, 1380, 1393

i02029831

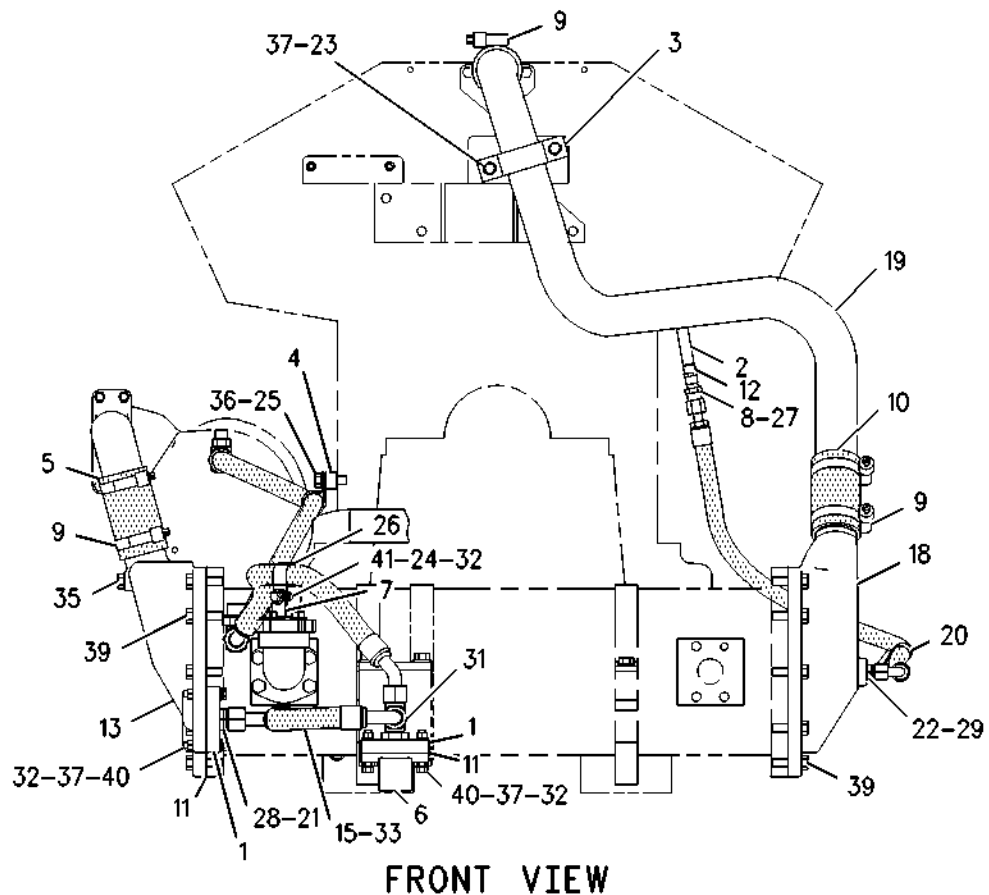
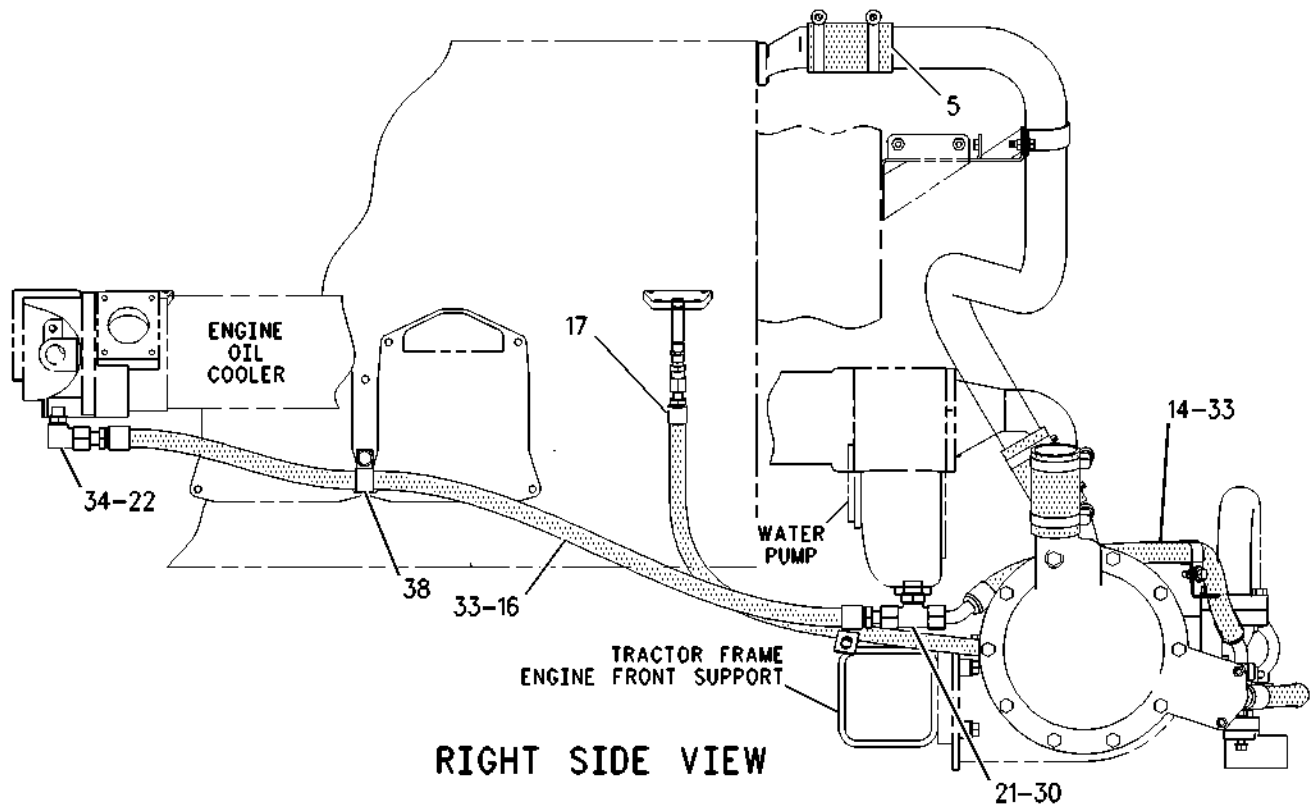
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-7622	2	PLATE-DRAIN						
	2	1	4F-0186	1	NIPPLE-PIPE						
	3	1	4H-7993	1	CLIP						
	4	1	5G-6504	1	LUG						
E	5	1	5P-1262		HOSE (13CM EACH)						
	6	1	7N-1464	1	VALVE AS-DRAIN						
		1	3B-0551	1	PLUG-PIPE						
		1	7N-1447	1	PLUG-DRAIN (TRANSMISSION COOLER)						
		1	7N-1448	1	ADAPTER-PLUG						
		1	9H-6687	1	PIN-SPRING						
	7	1	7T-2035	1	ANGLE						
	8	1	8C-6871	1	CONNECTOR						
	9	1	8T-4984	6	CLAMP-HOSE						
	10	1	9B-4179	1	HOSE						
	11	1	9M-3116	2	GASKET						
	12	1	003-9514	1	COUPLING-PIPE						
	13	1	129-9472	1	BONNET						
	14	1	164-7736	1	HOSE AS						
	15	1	164-7737	1	HOSE AS						
	16	1	164-7738	1	HOSE AS						
	17	1	164-7739	1	HOSE AS						
	18	1	165-7825	1	BONNET						
	19	1	176-8191	1	TUBE						
	20	1	1S-1015	1	CLIP						
	21	1	3D-2824	3	SEAL-O-RING						
	22	1	3K-0360	2	SEAL-O-RING						
	23	1	4L-6454	2	BOLT (3/8-16X1-IN)						
	24	1	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)						
	25	1	5P-2566	1	BOLT (1/2-13X1.5-IN)						
	26	1	5P-7854	1	CLIP						
	27	1	6V-8398	2	SEAL-O-RING						
	28	1	6V-8637	1	CONNECTOR						
	29	1	6V-8639	1	CONNECTOR						
	30	1	6V-8777	1	TEE-FACE SEAL						
	31	1	6V-8784	1	TEE-FACE SEAL						
	32	1	6V-8801	5	NUT (3/8-16-THD)						
	33	1	6V-9746	6	SEAL-O-RING						
	34	1	6V-9877	1	ELBOW						
	35	1	7X-0337	1	BOLT (1/2-13X5.75-IN)						
	36	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	37	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	38	1	8T-7529	1	CLIP						
	39	1	8T-8919	19	BOLT (1/2-13X1.75-IN)						
	40	1	8T-9377	4	BOLT (3/8-16X2.25-IN)						
	41	1	9B-7237	1	BOLT (3/8-16X1.25-IN)						

E-ORDER BY THE CENTIMETER

COOLING SYSTEM

159-4756 LINES GP-WATER (contd.)

i02029831



GRAPHIC #1

<END>

g00867740

COOLING SYSTEM

169-4346 LINES GP-WATER-TURBO

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1355, 1380, 1393

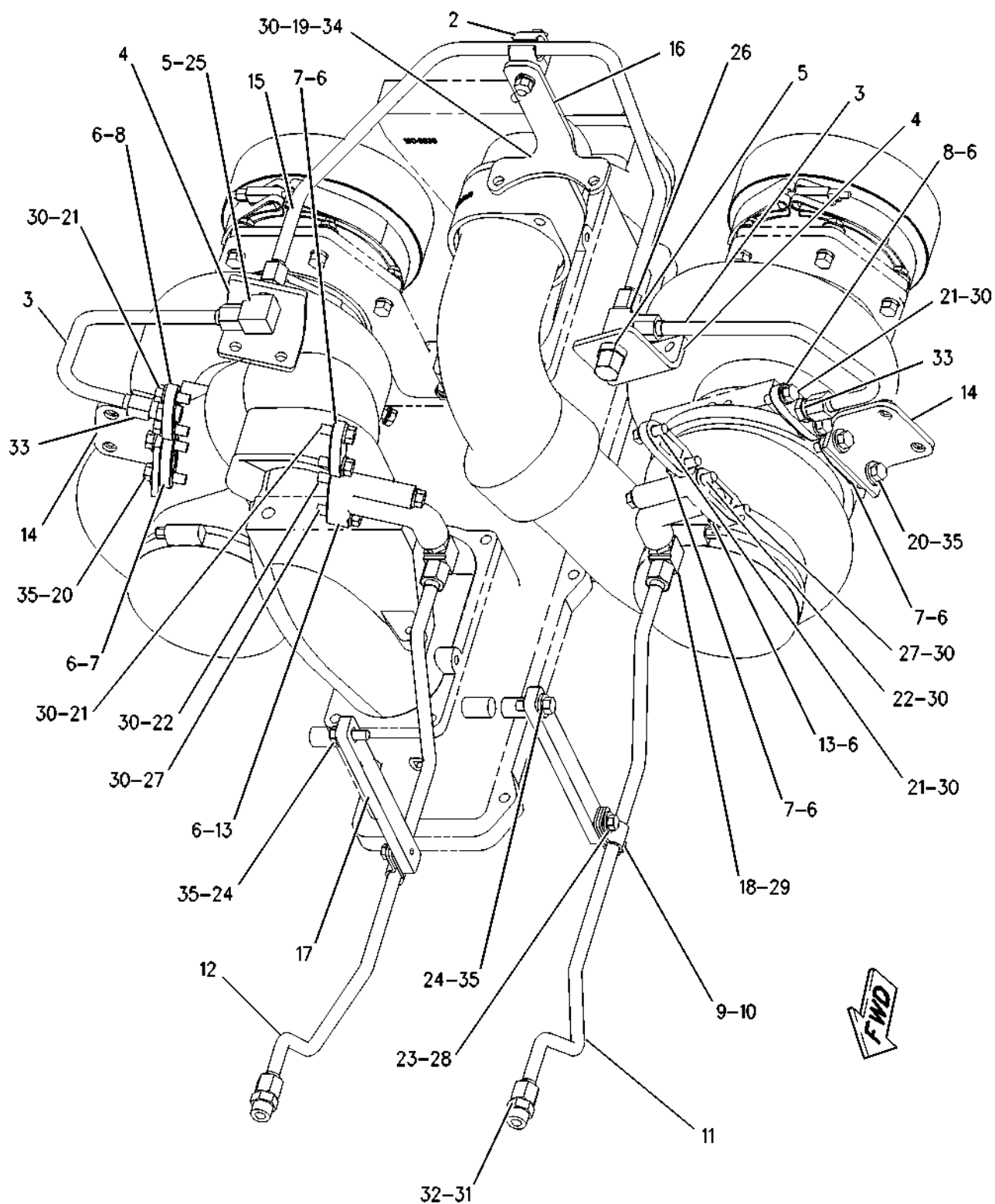
i01983524

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	2	1	4P-0707	2	CLAMP AS						
	3	1	4W-5461	2	TUBE AS						
	4	1	4W-5463	2	BRACKET						
	5	1	7F-2050	2	LOCKNUT (3/4-16 THD)						
	6	1	241-3283	8	GASKET						
	7	1	7N-7878	4	PLATE-COVER						
	8	1	8N-0788	2	COVER						
	9	1	8T-1885	2	CLIP (SLOT)						
	10	1	8T-1886	2	CLIP (TAB)						
	11	1	112-6053	1	TUBE AS						
	12	1	112-6054	1	TUBE AS						
	13	1	113-8188	2	ELBOW						
	14	1	152-6504	2	BRACKET AS						
	15	1	155-0499	1	TUBE AS						
	16	1	169-4349	1	BRACKET						
	17	1	169-4357	2	BRACKET						
	18	1	118-4728	2	ELBOW						
	19	1	0L-1143	1	BOLT (3/8-16X2.50 IN)						
	20	1	0S-1588	4	BOLT (3/8-16X1.25 IN)						
	21	1	0S-1594	8	BOLT (3/8-16X1 IN)						
	22	1	0S-1608	2	BOLT (3/8-16X3.75 IN)						
	23	1	0S-1617	2	BOLT (5/16-18X0.75 IN)						
	24	1	1A-2029	2	BOLT (3/8-16X1.125 IN)						
	25	1	2P-2204	1	ELBOW-UNION						
	26	1	2P-8130	1	TEE-UNION (BULKHEAD)						
	27	1	3B-1915	2	BOLT (3/8-16X1.75 IN)						
	28	1	3E-4352	2	WASHER-HARD (8.8X20.5X2.5MM THK)						
	29	1	3K-0360	2	SEAL-O-RING						
	30	1	5M-2894	14	WASHER-HARD (10.2X18.5X2.5MM THK)						
	31	1	6V-6609	2	SEAL-O-RING						
	32	1	8M-0505	2	CONNECTOR						
	33	1	8M-0755	2	CONNECTOR						
	34	1	9S-8752	1	NUT-FULL (3/8-16 THD)						
	35	1	9X-6458	6	WASHER-HARD (10.2X22.5X3MM THK)						

COOLING SYSTEM

169-4346 LINES GP-WATER (contd.)

i01983524



GRAPHIC #1

<END>

g00868289

COOLING SYSTEM

172-0199 LINES GP-WATER-UPPER

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1355, 1380, 1393

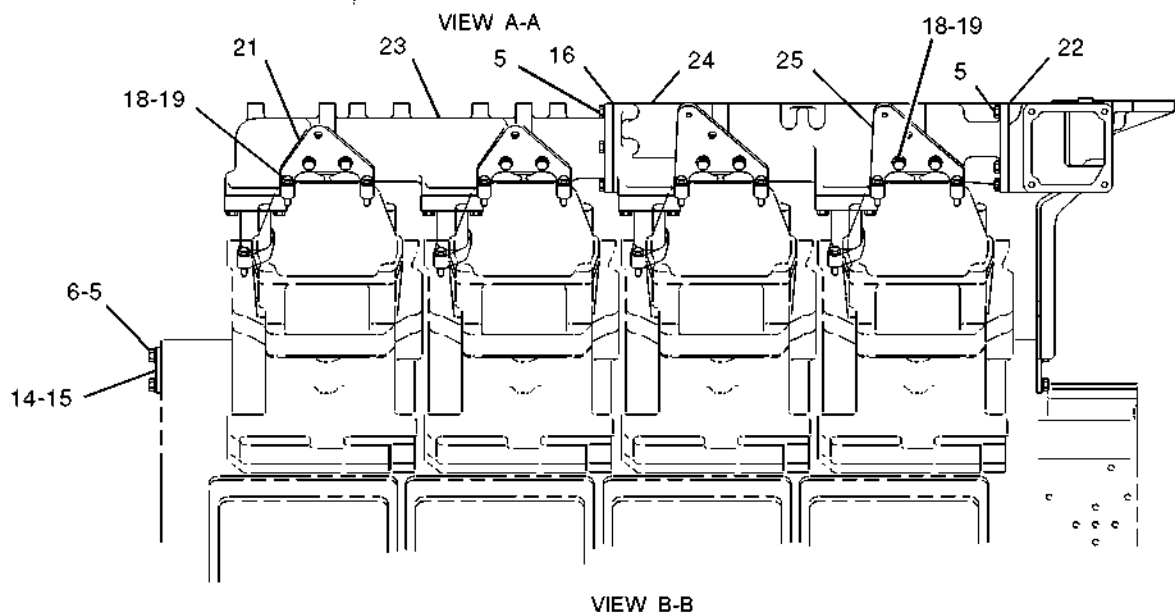
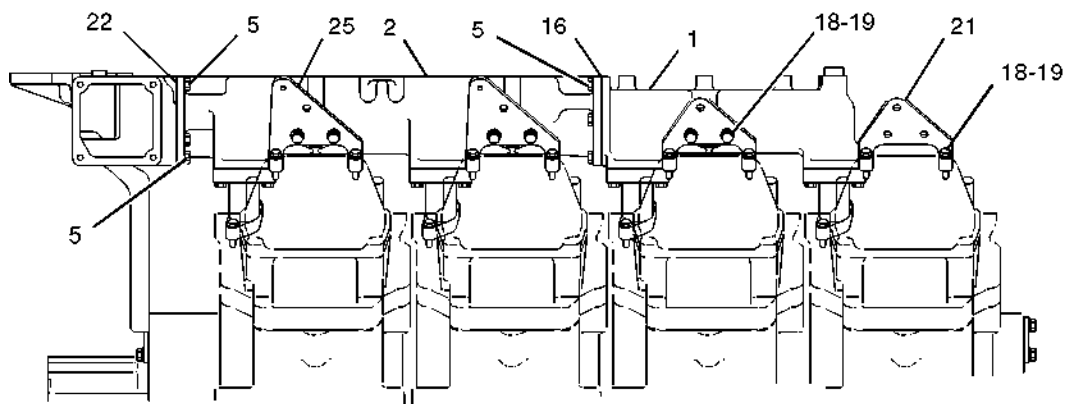
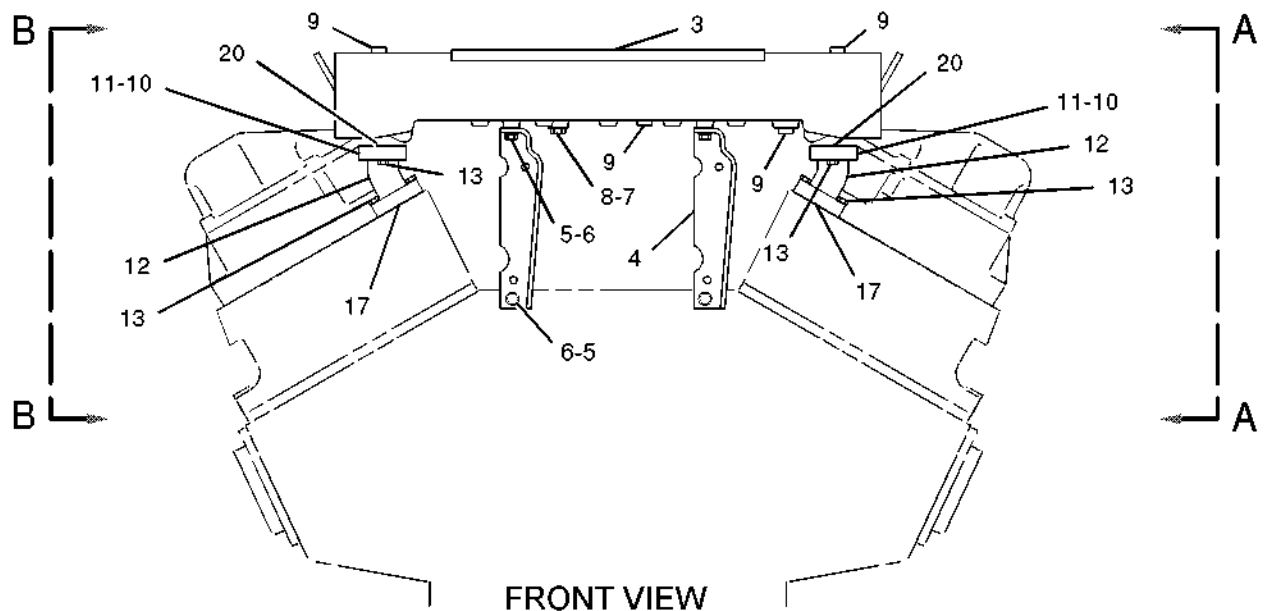
i01967646

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-1654	1	MANIFOLD-REAR-LH						
	2	1	154-1618	1	MANIFOLD-FRONT (LH)						
	3	1	9Y-4090	1	HOUSING-REGULATOR						
	4	1	8N-9528	2	BRACKET						
	5	1	0S-1594	23	BOLT (3/8-16X1 IN)						
	6	1	5M-2894	7	WASHER-HARD (10.2X18.5X2.5MM THK)						
	7	1	9S-4182	1	PLUG						
	8	1	6V-9027	1	SEAL-O-RING						
	9	1	8T-6762	4	PLUG-PIPE						
	10	1	6V-9769	8	SEAL-O-RING						
	11	1	2W-3146	8	FLANGE						
	12	1	8N-7639	8	ELBOW						
	13	1	1B-7182	32	BOLT (5/16-18X1.25 IN)						
	14	1	7N-3297	1	COVER						
	15	1	7N-3368	1	GASKET						
	16	1	1W-8545	2	GASKET						
	17	1	127-2176	8	SEAL-INTEGRAL						
	18	1	0S-1618	30	BOLT (5/16-18X1 IN)						
	19	1	9M-1974	30	WASHER-HARD (8.8X16X2MM THK)						
	20	1	8N-4524	8	GASKET						
	21	1	133-8382	4	BRACKET						
	22	1	122-8856	2	GASKET						
	23	1	4P-3896	1	MANIFOLD-REAR-RH						
	24	1	154-1619	1	MANIFOLD-FRONT (RH)						
	25	1	135-0175	4	BRACKET						

COOLING SYSTEM

172-0199 LINES GP-WATER (contd.)

i01967646



GRAPHIC #1

<END>

g01022096

COOLING SYSTEM

217-7041 LINES GP-WATER-CAB HEATER

S/N: 2GR3946, 4089, 4209-UP

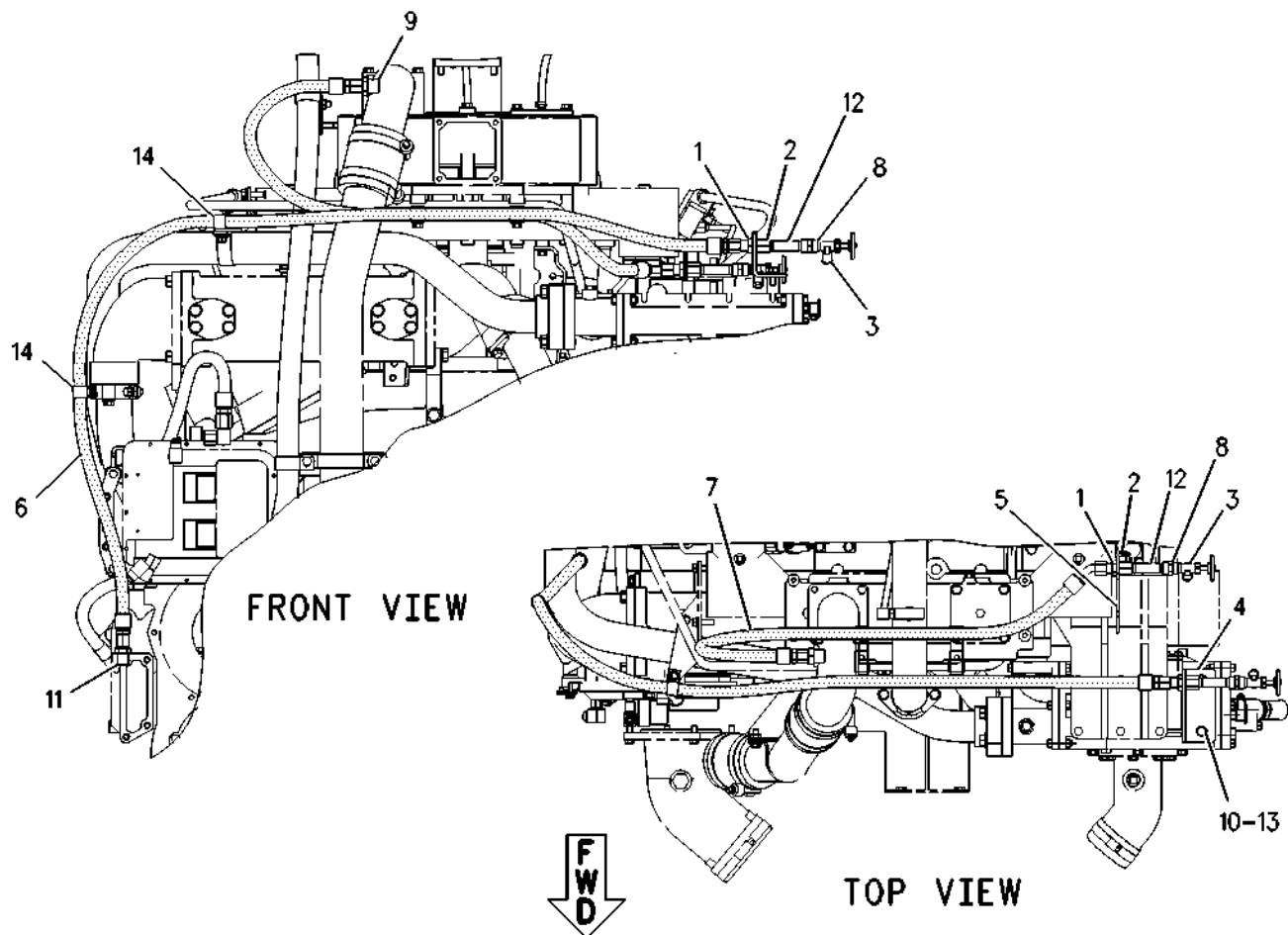
PART OF 155-5556 ENGINE AR

SMCS-1355, 1380, 1393

i01820004

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7F-2050	2	LOCKNUT						
	2	1	8T-3569	2	CONNECTOR						
	3	1	005-7889	2	VALVE AS						
	4	1	129-9519	1	BRACKET						
	5	1	169-2619	1	BRACKET						
I	6	1	217-7042	1	HOSE AS						
I	7	1	217-7043	1	HOSE AS						
	8	1	003-9514	2	COUPLING-PIPE						
	9	1	004-7626	1	CONNECTOR						
	10	1	0L-1351	2	BOLT (3/8-16X0.875 IN)						
	11	1	3R-5387	1	CONNECTOR						
	12	1	4F-0186	2	NIPPLE-PIPE						
	13	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5MM THK)						
	14	1	6D-4246	2	CLIP						

I-SEE HOSE FABRICATION GUIDE



GRAPHIC #1

<END>

g00996911

COOLING SYSTEM

156-9817 PUMP GP-AUXILIARY WATER

S/N: 2GR1180-4088

PART OF 156-9850 PUMP GP-AUXILIARY WATER

SMCS-1361

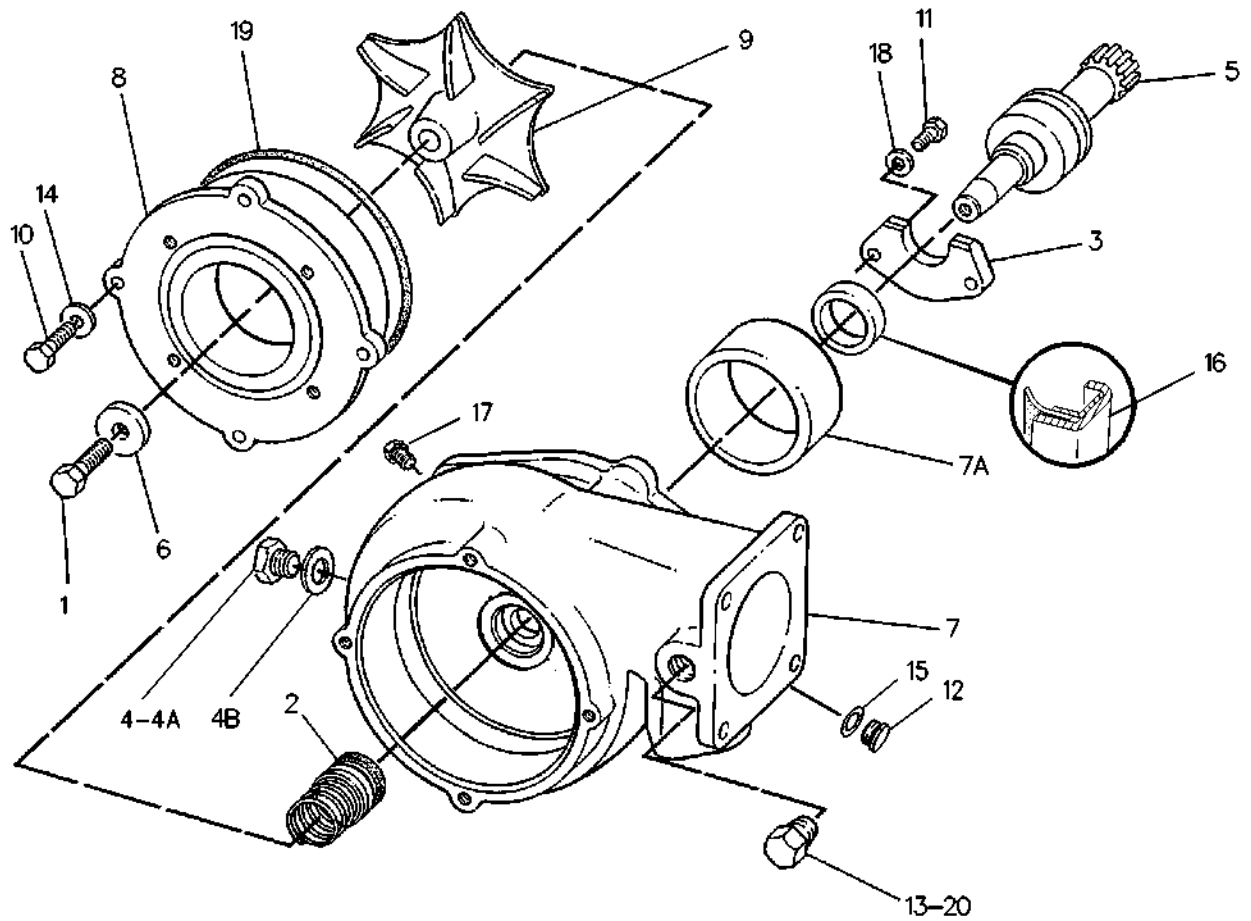
i02029677

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4L-9337	1	BOLT (3/8-16X1.5-IN)						
	2	1	4W-3864	1	SEAL GP (WATER PUMP)						
	3	1	7N-4758	1	WASHER-THRUST						
	4	1	7W-6492	1	PLUG-PIPE						
					-OR-						
	4A	1	3F-1358	1	PLUG-DRAIN (WATER PUMP)						
	4B	1	2A-1162	1	GASKET						
	5	1	8N-8460	1	SHAFT AS						
	6	1	8T-2561	1	WASHER-HARD (10.5X28.5X5-MM THK)						
	7	1	156-9849	1	HOUSING AS						
	7A	1	8M-9321	1	BEARING-SLEEVE						
	8	1	165-7831	1	ADAPTER						
	9	1	169-4339	1	IMPELLER						
	10	1	0S-1588	4	BOLT (3/8-16X1.25-IN)						
	11	1	0S-1618	2	BOLT (5/16-18X1-IN)						
	12	1	1N-5999	1	PLUG						
	13	1	3J-1907	1	SEAL-O-RING						
	14	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	15	1	7J-0204	1	SEAL-O-RING						
	16	1	8C-5236	1	SEAL-LIP TYPE						
	17	1	8T-6764	1	PLUG-PIPE						
	18	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						
	19	1	9M-3786	1	SEAL-O-RING						
	20	1	9S-4191	1	PLUG						

COOLING SYSTEM

156-9817 PUMP GP-AUXILIARY WATER (contd.)

i02029677



GRAPHIC #1

<END>

g00820324

COOLING SYSTEM

156-9850 PUMP GP-AUXILIARY WATER

S/N: 2GR1180-4088

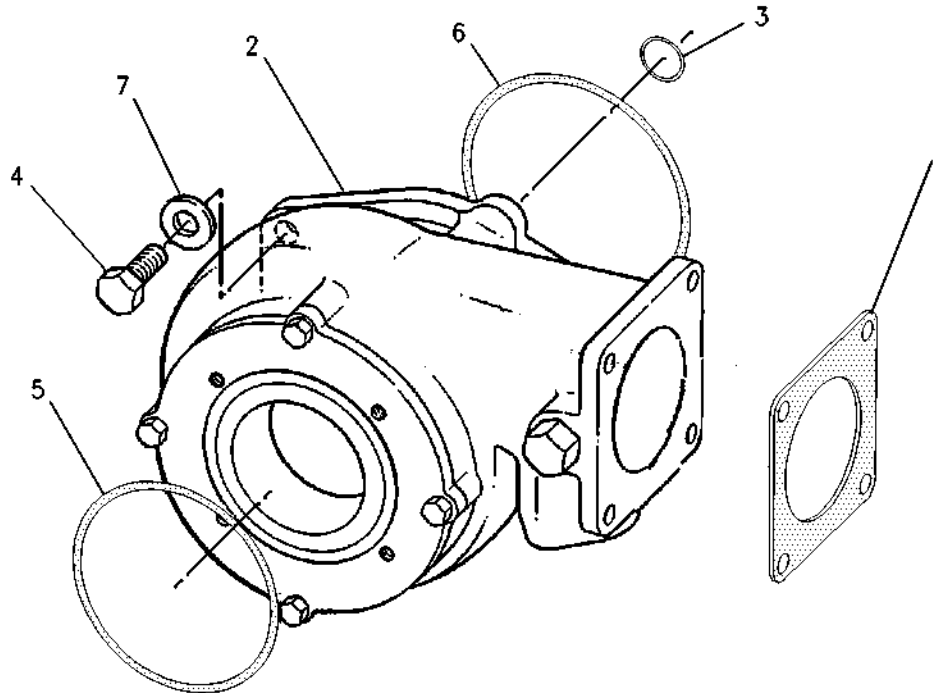
PART OF 155-5556 ENGINE AR

SMCS-1361

i01141906

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3P-6061	1	GASKET						
Y	2	1	156-9817	1	PUMP GP-AUXILIARY WATER						139
	3	1	2M-4453	1	SEAL-O-RING (12.29MM ID)						
	4	1	4B-4043	4	BOLT (5/8-11X1.375IN)						
	5	1	4F-7387	1	SEAL-O-RING (100.97MM ID)						
	6	1	5F-3106	1	SEAL-O-RING (126.59MM ID)						
	7	1	5P-8247	4	WASHER-HARD (3.5MM THK)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00605345

COOLING SYSTEM

156-9850 PUMP GP-AUXILIARY WATER

S/N: 2GR4089-UP

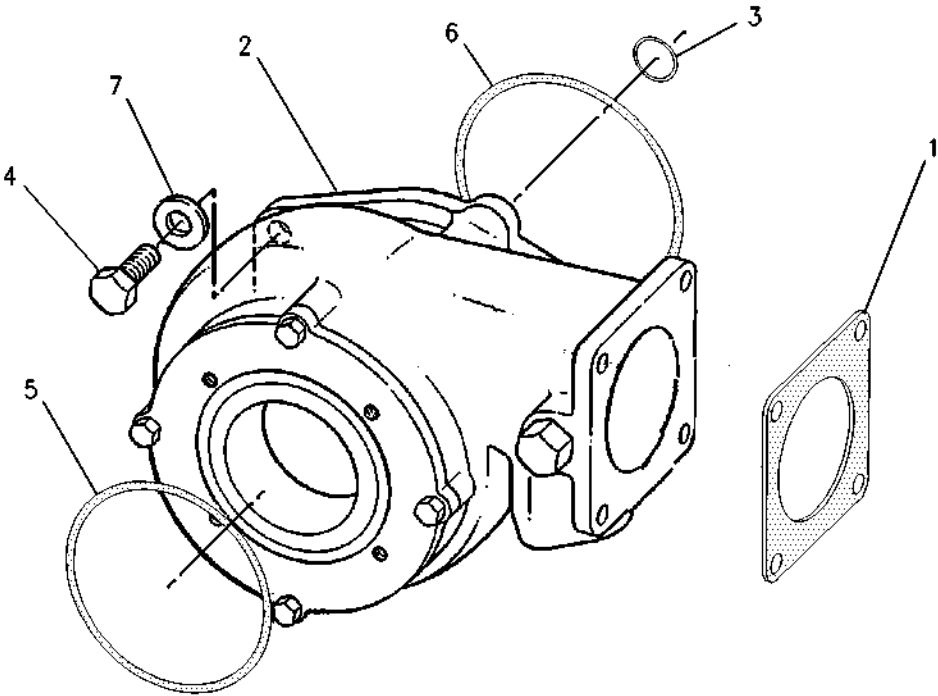
PART OF 155-5556 ENGINE AR

SMCS-1361

i01782887

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3P-6061	1	GASKET						
CY	2	1	212-8167	1	PUMP GP-AUXILIARY WATER						143
	3	1	2M-4453	1	SEAL-O-RING						
	4	1	4B-4043	4	BOLT (5/8-11X1.375 IN)						
	5	1	4F-7387	1	SEAL-O-RING						
	6	1	5F-3106	1	SEAL-O-RING						
	7	1	5P-8247	4	WASHER-HARD (17X32X3.5MM THK)						

C- CHANGE FROM PREVIOUS TYPE
Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00605345

COOLING SYSTEM

212-8167 PUMP GP-AUXILIARY WATER

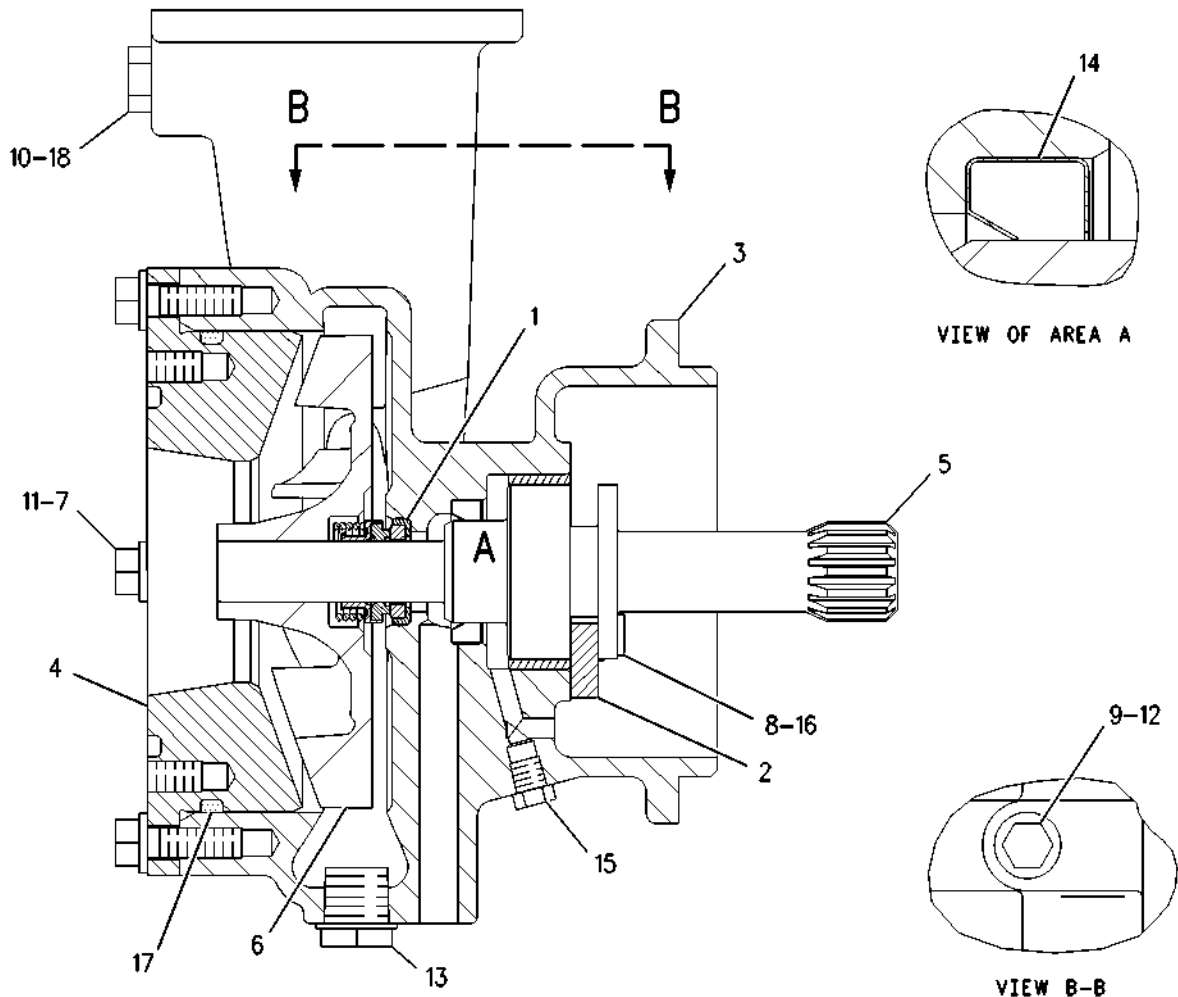
S/N: 2GR4089-UP

PART OF 156-9850 PUMP GP-AUXILIARY WATER

SMCS-1361

i01782932

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4W-3864	1	SEAL GP						
	2	1	7N-4758	1	WASHER-THRUST						
	3	1	156-9849	1	HOUSING AS						
		1	8M-9321	1	BEARING-SLEEVE						
	4	1	165-7831	1	ADAPTER-INLET						
	5	1	212-8178	1	SHAFT						
	6	1	212-8181	1	IMPELLER						
	7	1	0S-1588	4	BOLT (3/8-16X1.25 IN)						
	8	1	0S-1618	2	BOLT (5/16-18X1 IN)						
	9	1	1N-5999	1	PLUG						
	10	1	3J-1907	1	SEAL-O-RING						
	11	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)						
	12	1	7J-0204	1	SEAL-O-RING						
	13	1	7W-6492	1	PLUG-PIPE						
	14	1	8C-5236	1	SEAL-LIP						
	15	1	8T-6764	1	PLUG-PIPE						
	16	1	9M-1974	2	WASHER-HARD (8.8X16X2MM THK)						
	17	1	9M-3786	1	SEAL-O-RING						
	18	1	9S-4191	1	PLUG						



GRAPHIC #1

<END>

g00932539

COOLING SYSTEM

166-4380 PUMP GP-WATER*R

S/N: 2GR1180-3986

PART OF 169-4691 PUMP GP-WATER

SMCS-1361

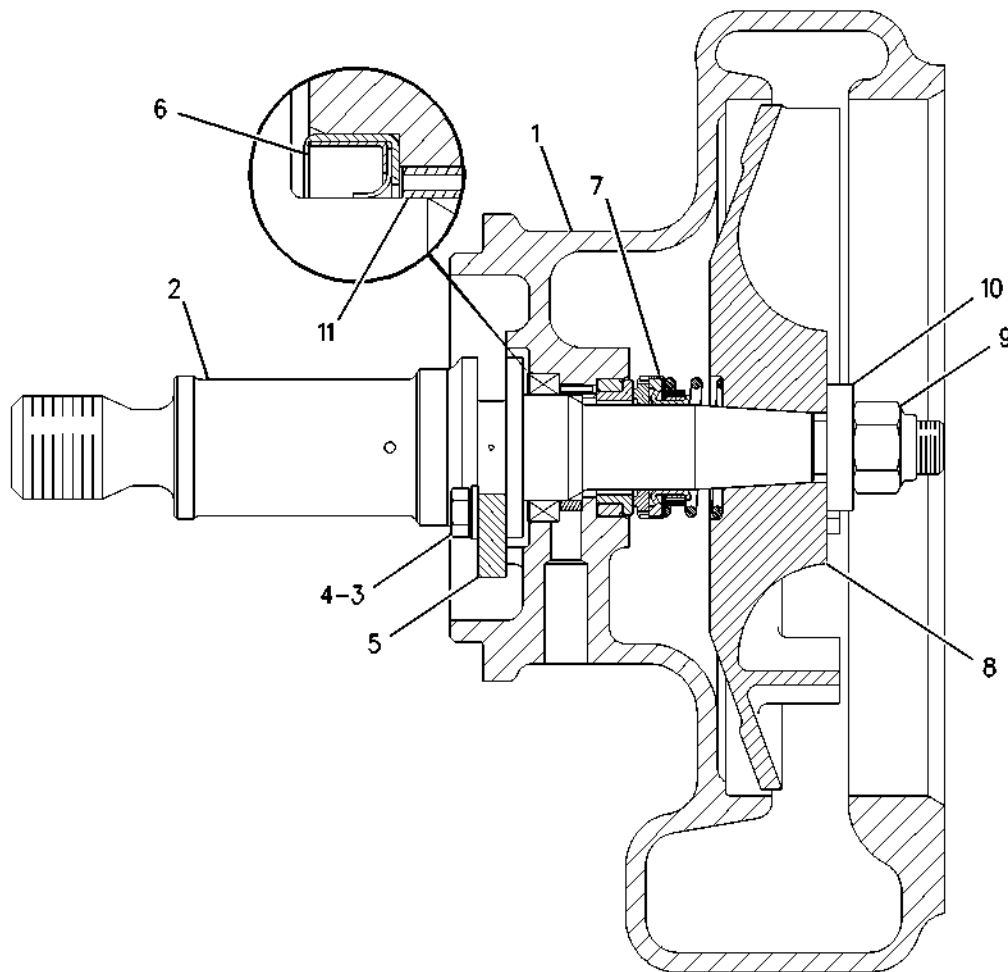
i01816742

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-7777	1	HOUSING AS						
J		1	3D-2824	1	SEAL-O-RING						
J		1	4N-5834	2	FILTER-WATER (WATER PUMP)						
		1	7G-8478	1	ADAPTER						
		1	8T-6765	1	PLUG-PIPE						
J	2	1	2W-9723	1	SHAFT AS-PUMP DRIVE						
		1	6F-7172	1	DOWEL						
	3	1	0S-1618	2	BOLT (5/16-18X1 IN)						
J	4	1	9M-1974	2	WASHER-HARD (8.8X16X2MM THK)						
J	5	1	7N-4758	1	WASHER-THRUST						
J	6	1	8C-5236	1	SEAL-LIP						
J	7	1	166-4376	1	SEAL GP-WATER PUMP						
	8	1	2W-9724	1	IMPELLER-PUMP						
J	9	1	6V-8287	1	LOCKNUT						
J	10	1	5S-0581	1	WASHER-HARD (17X38X8MM THK)						
J	11	1	166-4374	1	RING AS						
		1	1L-5316	1	PIN-SPRING						
AVAILABLE REPAIR KIT(S) :											
J			190-8921		KIT-REBUILD (WATER PUMP)						
J-KIT MARKED J INCLUDES PARTS MARKED J											

COOLING SYSTEM

166-4380 PUMP GP-WATER (contd.)

i01816742



GRAPHIC #1

<END>

g00580354

COOLING SYSTEM

169-4691 PUMP GP-WATER

S/N: 2GR1180-3986

PART OF 155-5556 ENGINE AR

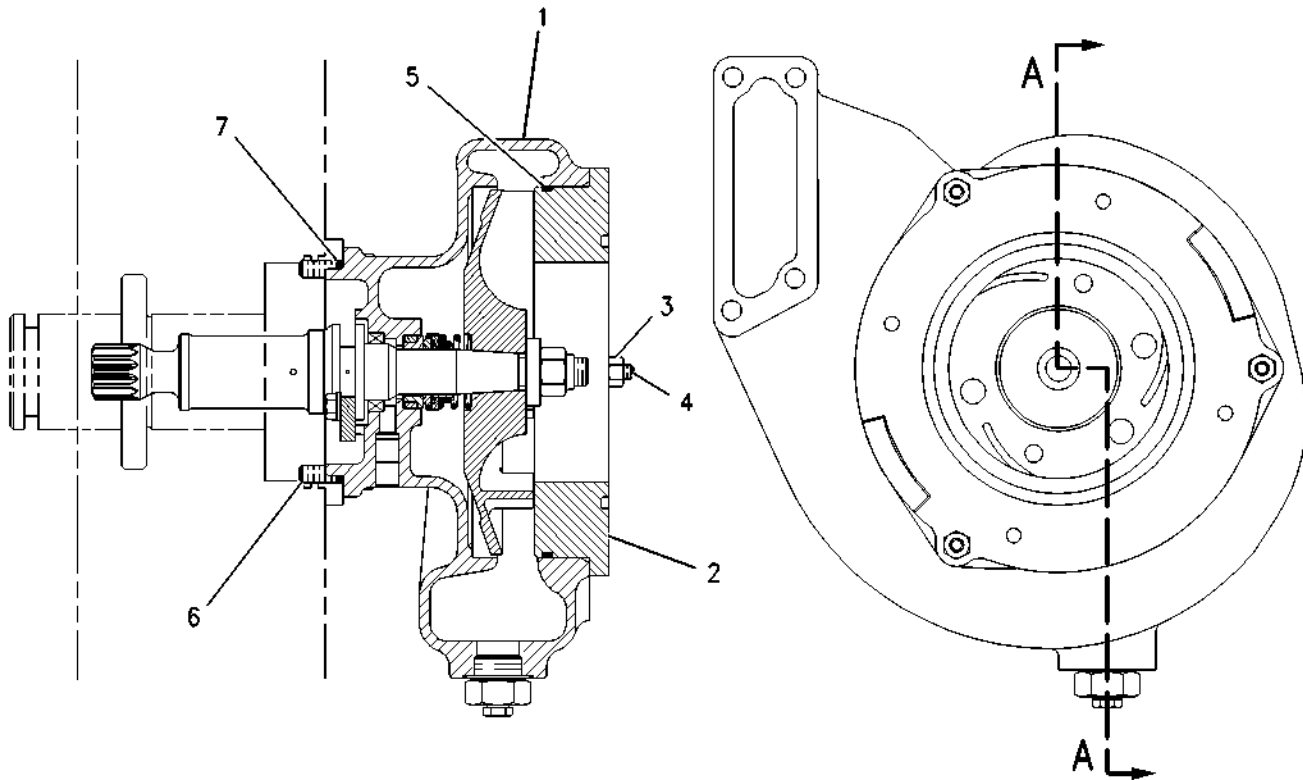
SMCS-1361

i01990934

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	166-4380	1	PUMP GP-WATER	144
	2	1	8N-6423	1	COVER	
	3	1	9S-8752	3	NUT-FULL (3/8-16 THD)	
	4	1	9M-2151	3	STUD-TAPERLOCK (3/8-16X1.38 IN)	
	5	1	1H-8278	1	SEAL-O-RING	
	6	1	3B-1915	4	BOLT (3/8-16X1.75 IN)	
	7	1	5H-6734	1	SEAL-O-RING	

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION



SECTION A-A

GRAPHIC #1

<END>

g00582376

COOLING SYSTEM

169-4691 PUMP GP-WATER

S/N: 2GR3987-UP

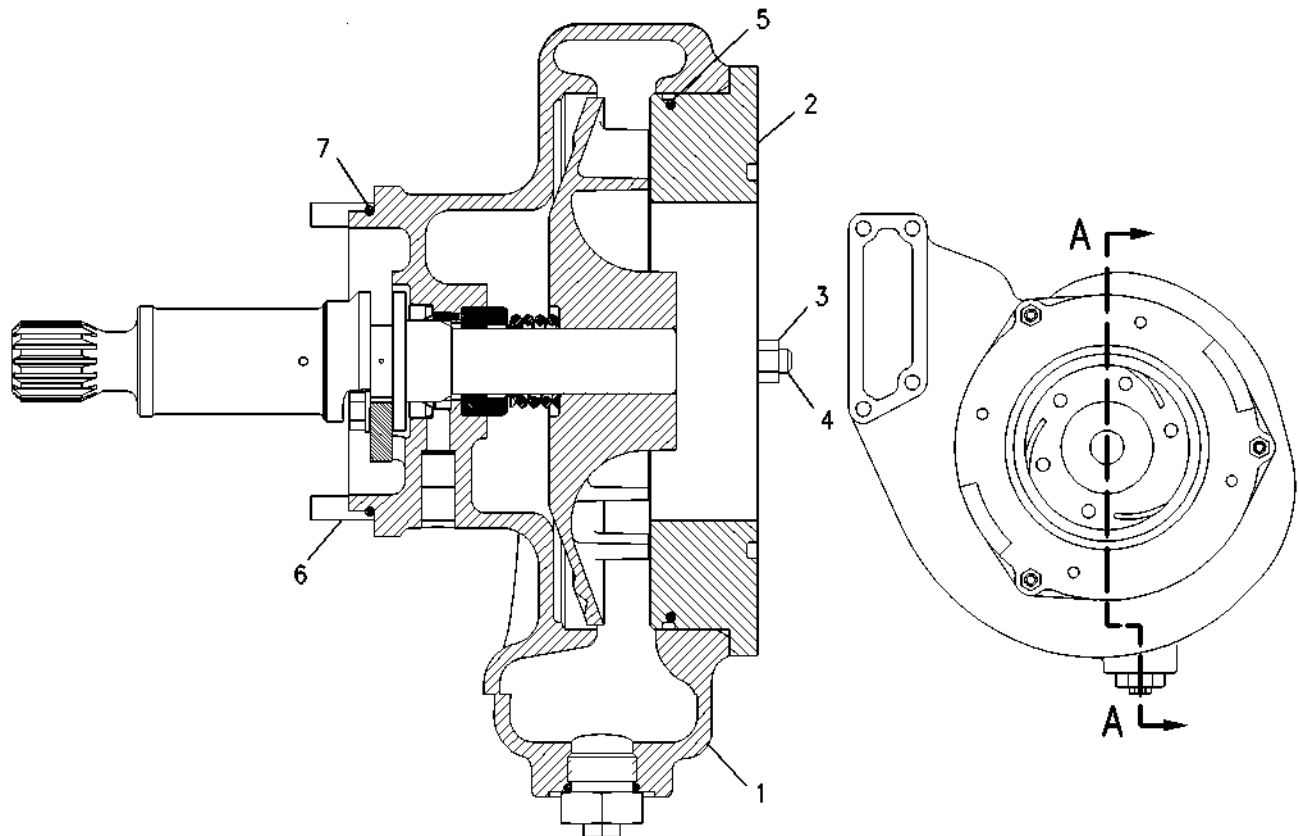
PART OF 155-5556 ENGINE AR

SMCS-1361

i01967844

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
CYR	1	1	212-8175	1	PUMP GP-WATER	148
	2	1	8N-6423	1	COVER	
	3	1	9S-8752	3	NUT-FULL (3/8-16 THD)	
	4	1	9M-2151	3	STUD-TAPERLOCK (3/8-16X1.38 IN)	
	5	1	149-5462	1	SEAL-O-RING	
	6	1	3B-1915	4	BOLT (3/8-16X1.75 IN)	
	7	1	5H-6734	1	SEAL-O-RING	

C-CHANGE FROM PREVIOUS TYPE
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



SECTION A-A

GRAPHIC #1

<END>

g00906342

COOLING SYSTEM

212-8175 PUMP GP-WATER*R

S/N: 2GR3987-UP

PART OF 169-4691 PUMP GP-WATER

SMCS-1361

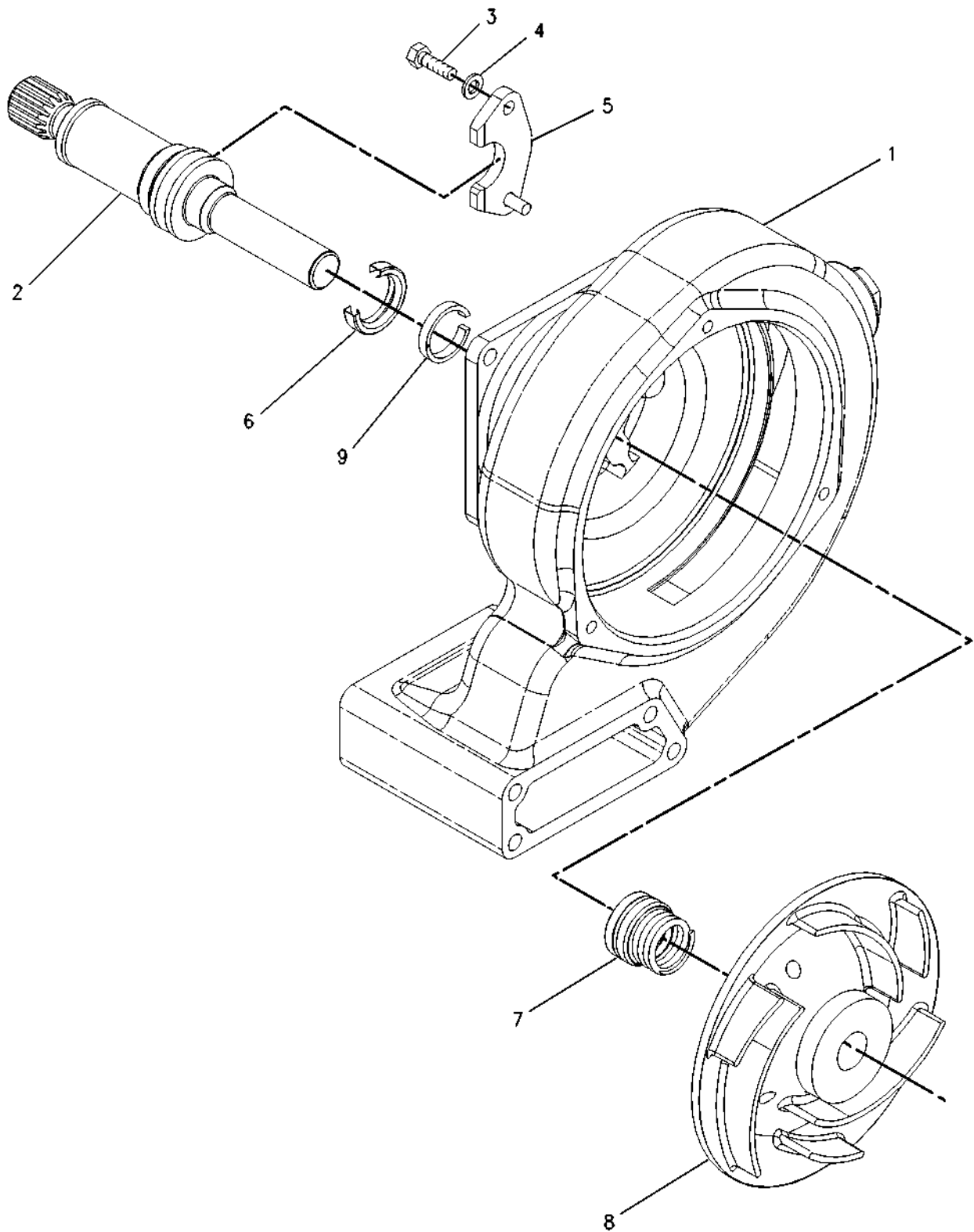
i02000896

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2W-7777	1	HOUSING AS	
J		1	3D-2824	1	SEAL-O-RING	
J		1	4N-5834	2	FILTER-WATER (WATER PUMP)	
		1	7G-8478	1	ADAPTER	
		1	8T-6765	1	PLUG-PIPE	
J	2	1	212-8180	1	SHAFT	
		1	4B-9782	1	BALL	
J	3	1	0S-1618	2	BOLT (5/16-18X1 IN)	
J	4	1	9M-1974	2	WASHER-HARD (8.8X16X2MM THK)	
J	5	1	7N-4758	1	WASHER-THRUST	
J	6	1	8C-5236	1	SEAL-LIP TYPE	
J	7	1	166-4376	1	SEAL GP-WATER PUMP	
J	8	1	212-8187	1	IMPELLER	
J	9	1	166-4374	1	RING AS	
		1	1L-5316	1	PIN-SPRING	
AVAILABLE REPAIR KIT(S) :						
J			222-5153		KIT-REBUILD (WATER PUMP)	
J-KIT MARKED J INCLUDES PARTS MARKED J						

COOLING SYSTEM

212-8175 PUMP GP-WATER (contd.)

i02000896



GRAPHIC #1

<END>

g00901131

COOLING SYSTEM

156-9845 RADIATOR GP

S/N: 7PZ1-UP

AMOCS (ADVANCED MODULAR COOLING SYSTEM)
PART OF 156-9846 RADIATOR GP

SMCS-1353

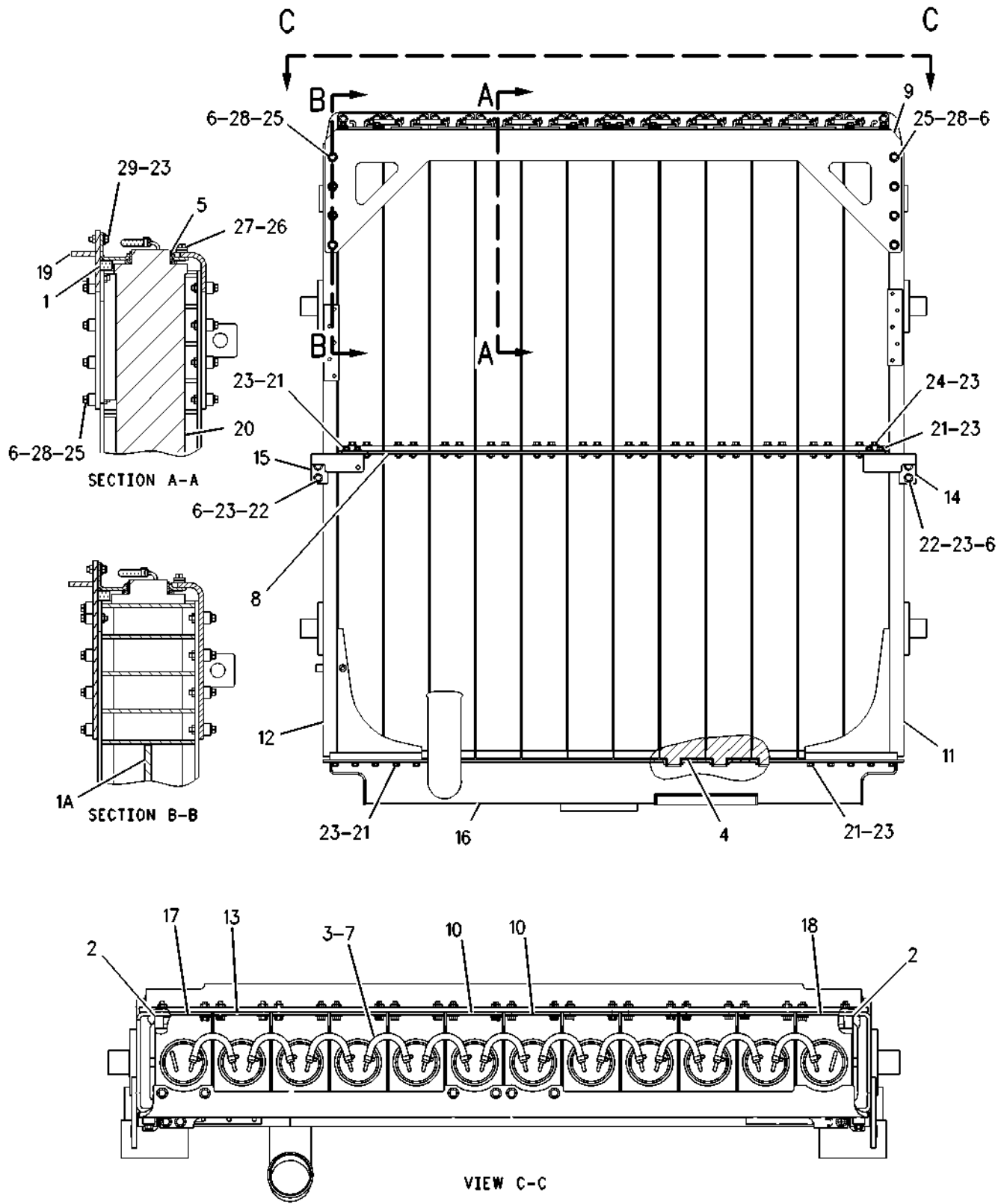
i02000923

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	150-1974		SEAL (147CM)						
E	1A	1	150-1974		SEAL (266CM)						
D	2	1	6V-0505		SEAL (.3M EACH)						
	3	1	1P-4278	22	CLAMP-HOSE						
	4	1	6I-2431	12	SEAL						
	5	1	6I-2435	12	SPACER (80X108X25MM THK)						
	6	1	9G-8140	26	SPACER (10.5X25X15MM THK)						
	7	1	106-4572	11	HOSE						
	8	1	119-6308	1	PLATE AS						
	9	1	133-6006	1	ANGLE						
	10	1	137-8228	2	RETAINER						
	11	1	137-8284	1	CHANNEL AS						
	12	1	137-8285	1	CHANNEL AS						
	13	1	146-6204	8	RETAINER						
	14	1	153-1886	1	BRACKET AS (RH)						
	15	1	153-1887	1	BRACKET AS (LH)						
	16	1	165-7827	1	TANK AS						
	17	1	175-5228	1	RETAINER AS (LH)						
	18	1	175-5229	1	RETAINER AS (RH)						
	19	1	175-5239	1	PLATE AS						
	20	1	213-8188	12	CORE AS-RADIATOR						
	21	1	4L-6454	24	BOLT (3/8-16X1 IN)						
	22	1	4L-9337	4	BOLT (3/8-16X1.5 IN)						
	23	1	5P-1075	79	WASHER-HARD (10.2X22.5X3MM THK)						
	24	1	5S-7382	24	BOLT (3/8-16X1.375 IN)						
	25	1	7X-0289	22	BOLT (3/8-16X1.875 IN)						
	26	1	7X-0575	16	WASHER-HARD (10.2X22.5X5MM THK)						
	27	1	8T-2502	8	BOLT (3/8-16X1.125 IN)						
	28	1	8T-4896	22	WASHER-HARD (10.2X18.5X2.5MM THK)						
	29	1	9B-7237	27	BOLT (3/8-16X1.25 IN)						
D-ORDER BY THE METER											
E-ORDER BY THE CENTIMETER											

COOLING SYSTEM

156-9845 RADIATOR GP (contd.)

i02000923



GRAPHIC #1

<END>

g00998584

COOLING SYSTEM

156-9846 RADIATOR GP

S/N: 7PZ1-UP

142 CM (56 INCH) FAN

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1353

i01820645

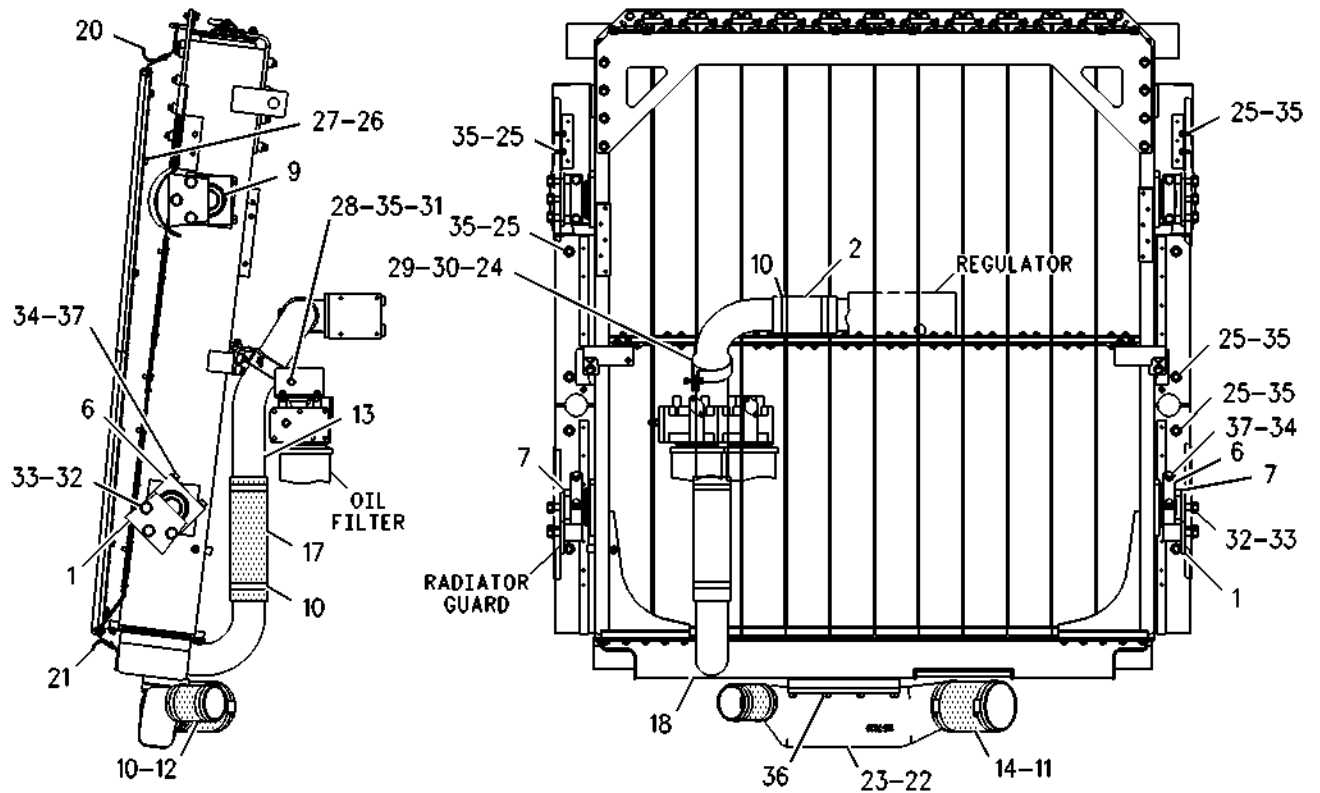
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3T-0449	4	PLATE	
E	2	1	5P-0764		HOSE (18CM)	
	3	1	6T-2424	1	BAFFLE AS (RH TOP)	
		1	6B-4594	3	RIVET	
	4	1	6Y-1237	1	BAFFLE AS-RH (INTERMEDIATE)	
		1	4B-4674	1	WASHER (6.4X14.5X1.6MM THK)	
		1	6B-4594	5	RIVET	
	5	1	6Y-1241	1	BAFFLE AS-RH (BOTTOM)	
		1	6B-4594	7	RIVET	
	6	1	7N-1639	4	CAP (RADIATOR)	
	7	1	7N-3864	4	SUPPORT	
	8	1	7T-6823	1	BAFFLE AS-LH (TOP)	
		1	6B-4594	3	RIVET	
	9	1	8N-7257	4	MOUNT AS	
	10	1	8T-4985	6	CLAMP-HOSE	
	11	1	8T-4987	2	CLAMP-HOSE	
E	12	1	5P-0764		HOSE (14CM)	
	13	1	129-9485	1	TUBE	
	14	1	129-9495	1	HOSE	
	15	1	133-5956	1	BAFFLE AS-LH (INTERMEDIATE)	
	16	1	133-5957	1	BAFFLE AS-LH (BOTTOM)	
	17	1	151-8165	1	HOSE	
Y	18	1	156-9845	1	RADIATOR GP	150
	19	1	160-0727	4	BAFFLE AS-FAN (EACH INCLUDES)	
D		1	5P-6410		SEAL (1.3M)	
		1	6B-4594	8	RIVET	
		1	7G-5186	3	SPACER (13X19X4.5MM THK)	
	20	1	160-0729	1	BAFFLE AS-RADIATOR (TOP)	
		1	6B-4594	16	RIVET	
	21	1	160-0731	1	BAFFLE AS-RADIATOR (BOTTOM)	
		1	6B-4594	20	RIVET	
	22	1	165-7828	1	GASKET	
	23	1	165-7829	1	ELBOW-OUTLET	
	24	1	103-0892	1	GROMMET	
	25	1	5M-3062	20	BOLT (3/8-16X0.75 IN)	
	26	1	5P-1075	12	WASHER-HARD (10.2X22.5X3MM THK)	
	27	1	5S-7379	12	BOLT (3/8-16X0.875 IN)	
	28	1	5S-7382	1	BOLT (3/8-16X1.375 IN)	
	29	1	6V-6782	1	CLIP (SLOT)	
	30	1	6V-6783	1	CLIP (TAB)	
	31	1	6V-8801	1	NUT (3/8-16 THD)	
	32	1	7X-0349	12	BOLT (5/8-11X3 IN)	
	33	1	8T-4122	12	WASHER-HARD (17X32X3.5MM THK)	
	34	1	8T-4223	8	WASHER-HARD (13.5X25.5X3MM THK)	
	35	1	8T-4896	22	WASHER-HARD (10.2X18.5X2.5MM THK)	
	36	1	8T-8917	8	BOLT (1/2-13X1.25 IN)	
	37	1	8T-8920	8	BOLT (1/2-13X3.25 IN)	

D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

COOLING SYSTEM

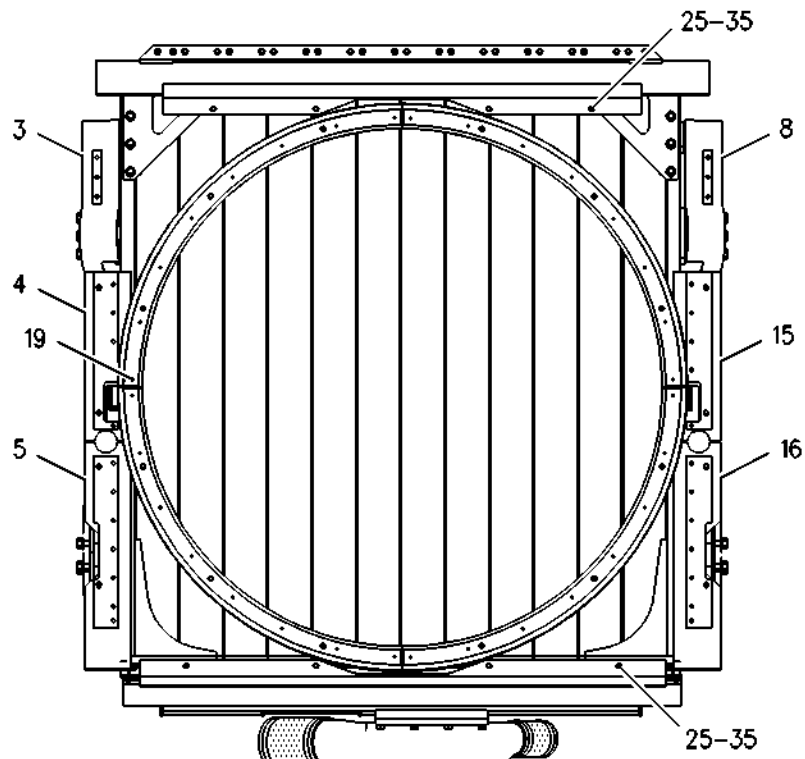
156-9846 RADIATOR GP (contd.)

i01820645



LEFT SIDE VIEW

REAR VIEW



FRONT VIEW

GRAPHIC #1

<END>

g00946466

COOLING SYSTEM

156-9813 TANK GP-WATER

S/N: 7PZ1-640

AMOCs EXPANSION

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1377

i01988467

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	1	2	5P-1251		HOSE (180CM)	
E	2	1	5P-1465		HOSE (21CM)	
E	2A	1	5P-1465		HOSE (49CM)	
E	2B	1	5P-1465		HOSE (14CM)	
E	2C	1	5P-1465		HOSE (43CM)	
E	2D	1	5P-1465		HOSE (27CM)	
E	2E	1	5P-1465		HOSE (102CM)	
E	2F	1	5P-1465		HOSE (188CM)	
E	2G	1	5P-1465		HOSE (88CM)	
E	2H	1	5P-1465		HOSE (23CM)	
	3	1	1M-1462	1	CLIP	
	4	1	1P-4278	17	CLAMP-HOSE	
	5	1	1P-9328	4	FITTING	
	6	1	2D-7325	1	TEE-PIPE	
	7	1	5P-2937	2	ADAPTER-O-RING	
	8	1	6L-5568	1	GASKET	
	9	2	6V-2492	1	CONNECTOR	
	10	1	6V-8245	4	ELBOW	
	11	2	7T-0266	1	BRACKET AS	
		2	1F-0750	1	NUT-WELD (3/8-16THD)	
	12	1, 2	7X-7958	2	CLAMP-HOSE	
	13	1	9Y-9236	1	BODY AS-GAUGE	
	14	1	109-6550	2	TEE	
	15	1	133-5999	2	SUPPORT AS	
	16	1	137-8202	1	BRACKET AS	
	17	1	150-1978	1	CAP AS (SHUNT TANK)	
I	18	1	162-2257	1	HOSE AS	
	19	1	178-6360	1	TANK AS-RADIATOR	
	20	1	178-6362	1	TUBE AS	
	21	1	3J-7354	6	SEAL-O-RING	
	22	1	3K-0360	1	SEAL-O-RING	
	23	1	4D-9517	7	CLIP	
	24	1, 2	4L-6454	5	BOLT (3/8-16X1 IN)	
	25	1	5M-3062	1	BOLT (3/8-16X0.75 IN)	
	26	1	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)	
	27	1	6V-8801	2	NUT (3/8-16 THD)	
	28	2	7D-7233	2	CLIP	
	29	1	7M-8485	1	SEAL-O-RING	
	30	2	7X-0289	1	BOLT (3/8-16X1.875 IN)	
	31	1	7X-0325	6	BOLT (1/2-13X2.5 IN)	
	32	1	8M-0505	1	CONNECTOR	
	33	1	8M-2770	5	CLIP	
	34	1	8T-2502	2	BOLT (3/8-16X1.125 IN)	
	35	1, 2	8T-4223	14	WASHER-HARD (13.5X25.5X3MM THK)	
	36	1, 2	8T-4835	8	BOLT (1/2-13X2 IN)	
	37	1, 2	8T-4896	5	WASHER-HARD (10.2X18.5X2.5MM THK)	

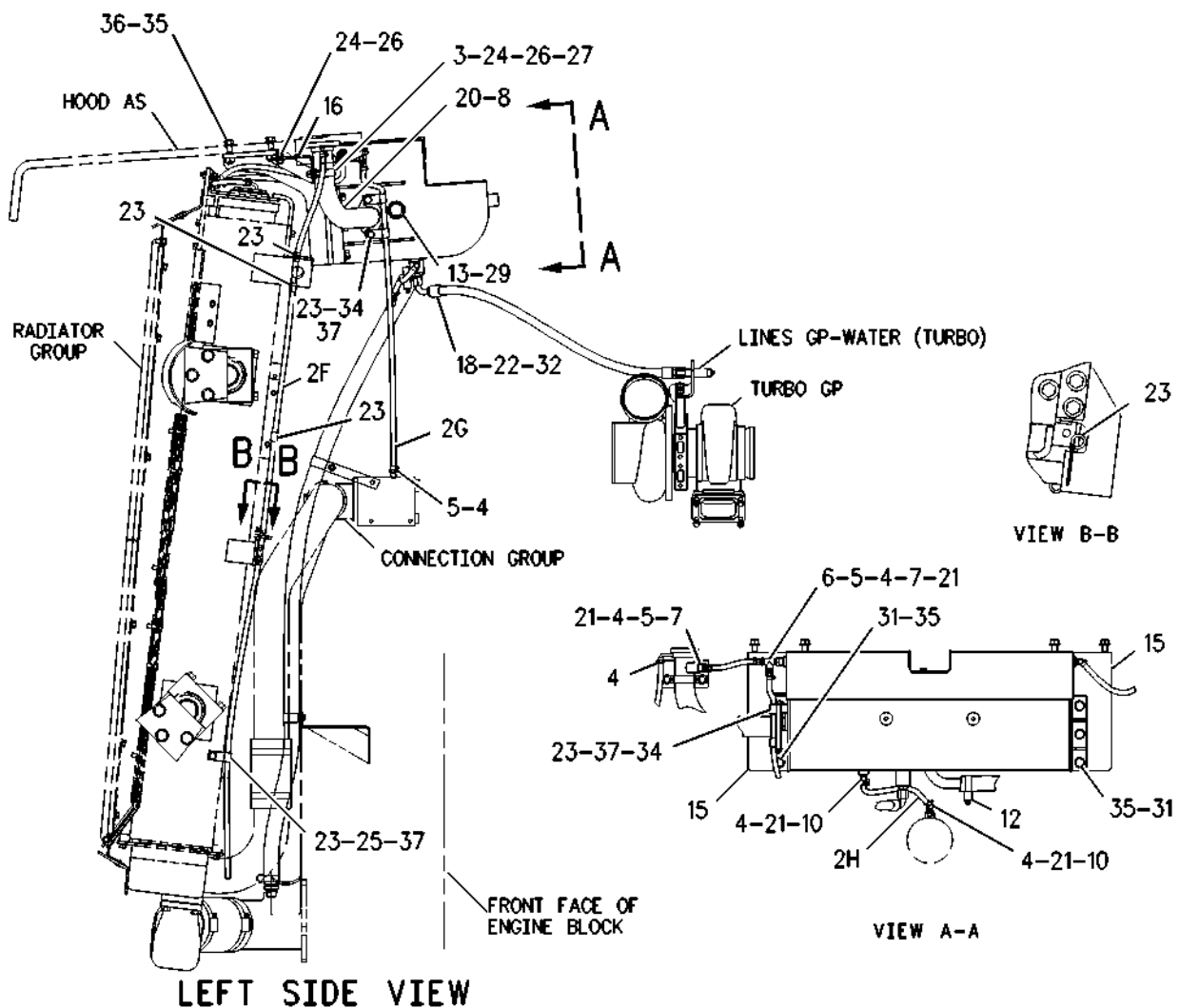
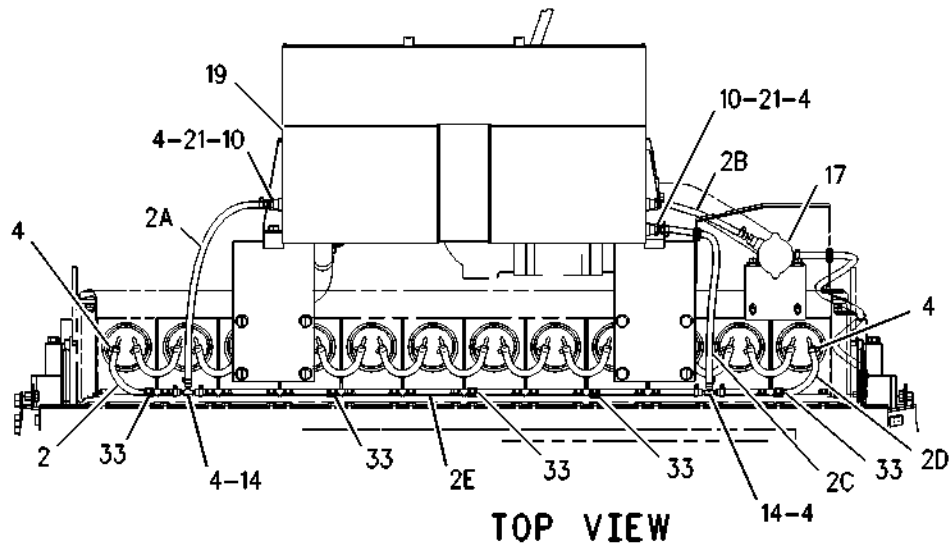
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I-REFER TO HYDRAULIC INFORMATION SYSTEM

COOLING SYSTEM

156-9813 TANK GP-WATER (contd.)

i01988467



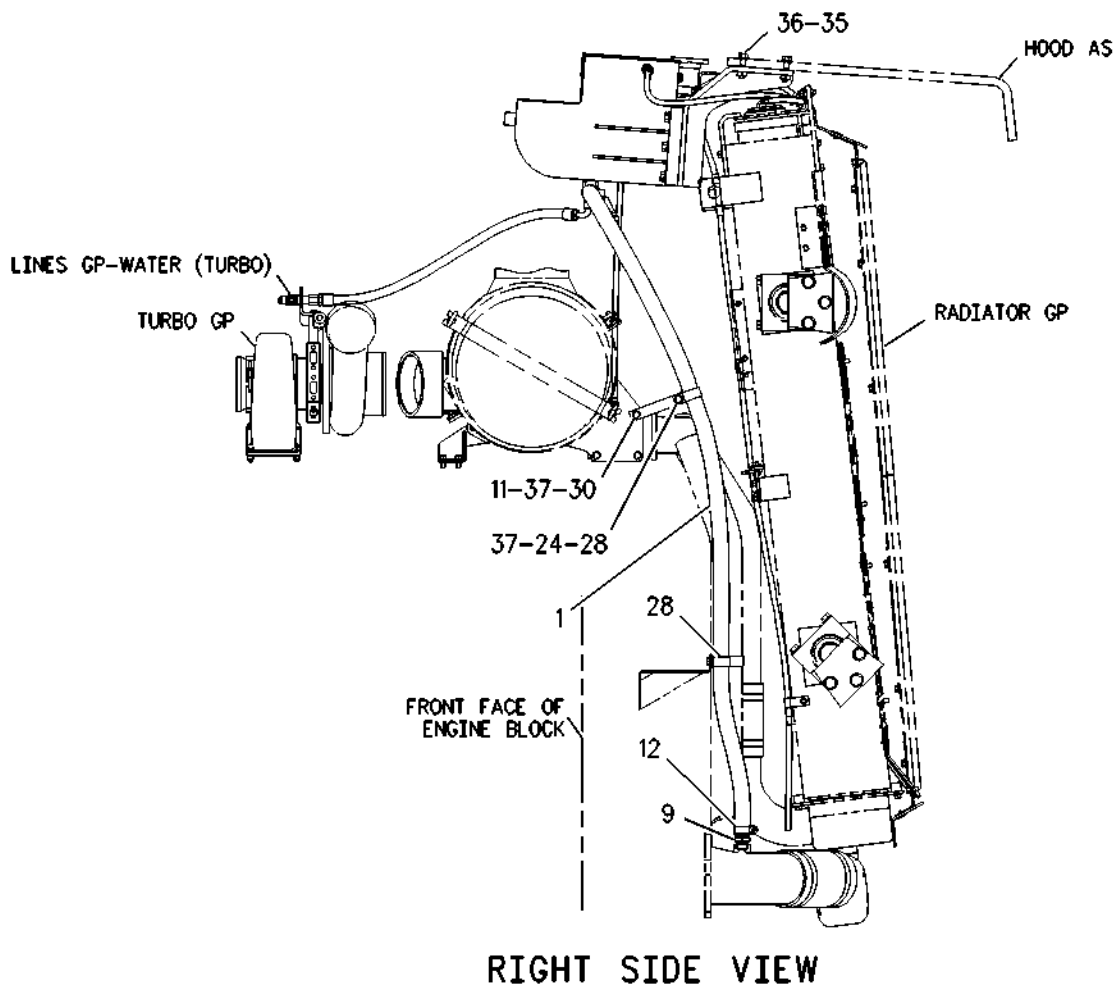
GRAPHIC #1

g00686454

COOLING SYSTEM

156-9813 TANK GP-WATER (contd.)

i01988467



GRAPHIC #2

<END>

g00683024

COOLING SYSTEM

156-9813 TANK GP-WATER

S/N: 7PZ641-670

AMOCs EXPANSION

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1377

i01973693

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1, 2	5P-1251		HOSE (180CM)						
E	2	2	5P-1465		HOSE (21CM)						
E	2A	2	5P-1465		HOSE (49CM)						
E	2B	2	5P-1465		HOSE (14CM)						
E	2C	2	5P-1465		HOSE (43CM)						
E	2D	2	5P-1465		HOSE (27CM)						
E	2E	2	5P-1465		HOSE (102CM)						
E	2F	2	5P-1465		HOSE (188CM)						
E	2G	2	5P-1465		HOSE (88CM)						
CE	2H	2	5P-1465		HOSE (21CM)						
	3	2	1M-1462	1	CLIP						
	4	2	1P-4278	17	CLAMP-HOSE						
	5	2	1P-9328	4	FITTING						
	6	2	2D-7325	1	TEE-PIPE						
	7	2	5P-2937	2	ADAPTER-O-RING						
	8	2	6L-5568	1	GASKET						
	9	1	6V-2492	1	CONNECTOR						
C	10	2	6V-8245	3	ELBOW						
	11	1	7T-0266	1	BRACKET AS						
		1	1F-0750	1	NUT-WELD (3/8-16THD)						
	12	1, 2	7X-7958	2	CLAMP-HOSE						
	13	2	9Y-9236	1	BODY AS-GAUGE						
	14	2	109-6550	2	TEE						
	15	2	133-5999	2	SUPPORT AS						
	16	2	137-8202	1	BRACKET AS						
	17	2	150-1978	1	CAP AS (SHUNT TANK)						
I	18	2	162-2257	1	HOSE AS						
	19	2	178-6360	1	TANK AS-RADIATOR						
	20	2	178-6362	1	TUBE AS						
	21	2	3J-7354	6	SEAL-O-RING						
	22	2	3K-0360	1	SEAL-O-RING						
	23	2	4D-9517	7	CLIP						
	24	1, 2	4L-6454	5	BOLT (3/8-16X1 IN)						
	25	2	5M-3062	1	BOLT (3/8-16X0.75 IN)						
	26	2	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)						
	27	2	6V-8801	2	NUT (3/8-16 THD)						
	28	1	7D-7233	2	CLIP						
	29	2	7M-8485	1	SEAL-O-RING						
	30	1	7X-0289	1	BOLT (3/8-16X1.875 IN)						
	31	2	7X-0325	6	BOLT (1/2-13X2.5 IN)						
	32	2	8M-0505	1	CONNECTOR						
	33	2	8M-2770	5	CLIP						
	34	2	8T-2502	2	BOLT (3/8-16X1.125 IN)						
	35	1, 2	8T-4223	14	WASHER-HARD (13.5X25.5X3MM THK)						
	36	1, 2	8T-4835	8	BOLT (1/2-13X2 IN)						
	37	1, 2	8T-4896	5	WASHER-HARD (10.2X18.5X2.5MM THK)						
C	38	2	230-5452	1	HOSE AS						
C	39	2	216-1302	1	TEE						
C	40	2	206-3421	1	ELBOW						
C	41	2	030-7947	1	ELBOW						
C	42	2	3J-1907	2	SEAL-O-RING						

C-CHANGE FROM PREVIOUS TYPE

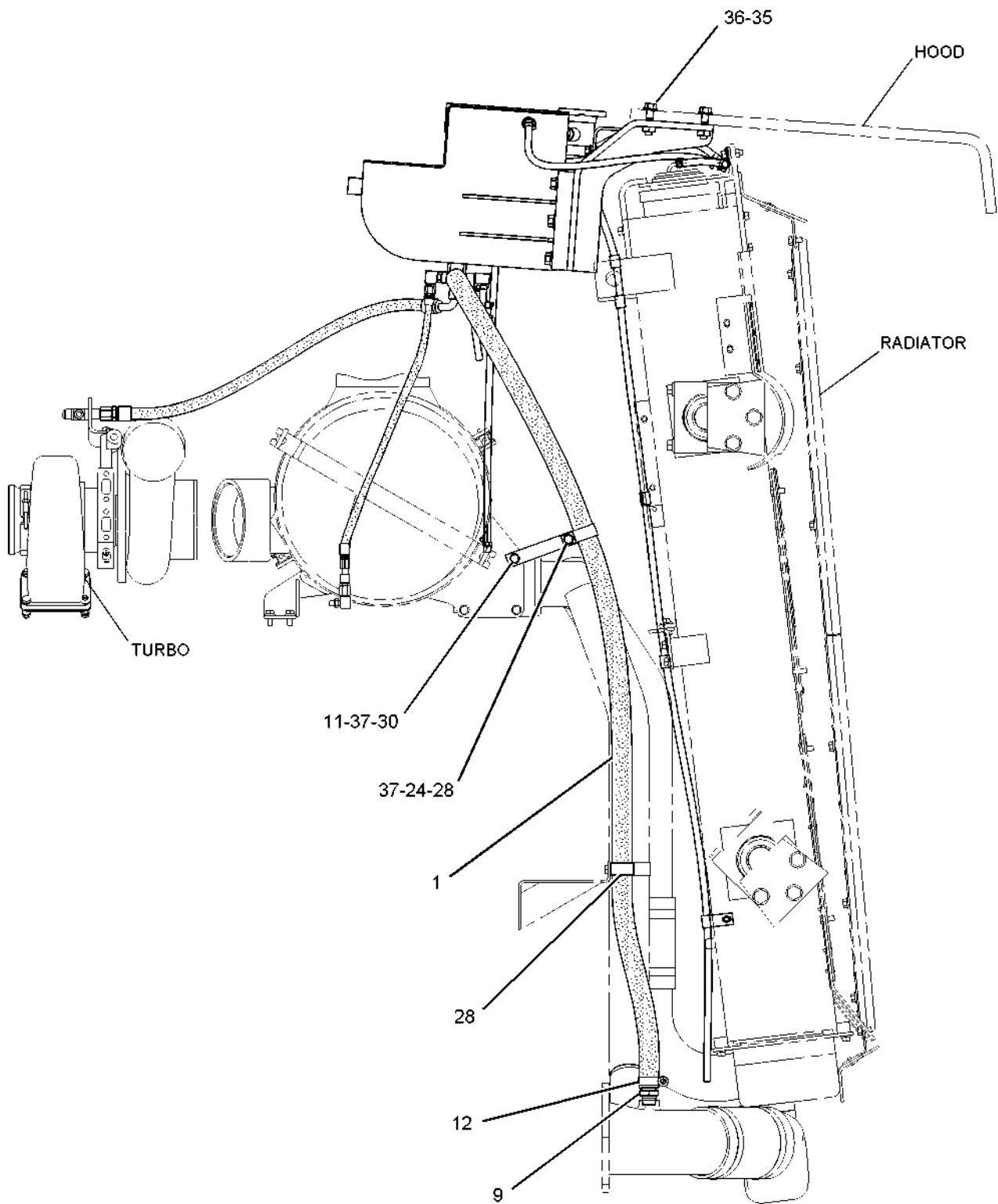
E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

COOLING SYSTEM

156-9813 TANK GP-WATER (contd.)

i01973693



RIGHT SIDE VIEW

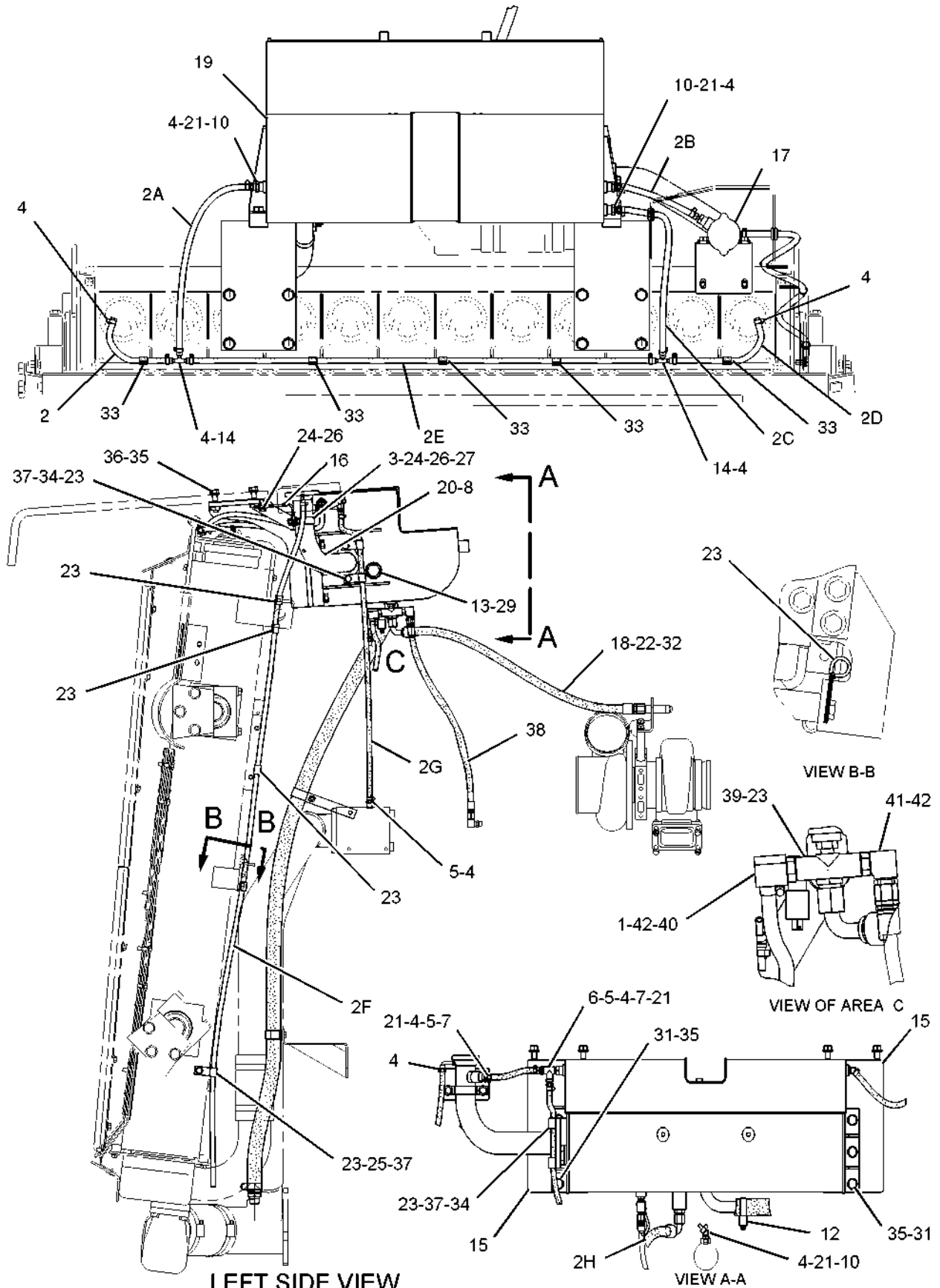
GRAPHIC #1

g01024055

COOLING SYSTEM

156-9813 TANK GP-WATER (contd.)

i01973693



GRAPHIC #2

<END>

g01024056

COOLING SYSTEM

156-9813 TANK GP-WATER

S/N: 7PZ671-UP

AMOCs EXPANSION

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1377

101930731

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	1	1	5P-1251		HOSE (180CM)	
E	2	2	5P-1465		HOSE (21CM)	
E	2A	2	5P-1465		HOSE (49CM)	
E	2B	2	5P-1465		HOSE (14CM)	
E	2C	2	5P-1465		HOSE (43CM)	
E	2D	2	5P-1465		HOSE (27CM)	
E	2E	2	5P-1465		HOSE (102CM)	
E	2F	2	5P-1465		HOSE (188CM)	
E	2G	2	5P-1465		HOSE (88CM)	
	3	2	1M-1462	1	CLIP	
C	4	2	1P-4278	15	CLAMP-HOSE	
	5	2	1P-9328	4	FITTING	
	6	2	2D-7325	1	TEE-PIPE	
	7	2	5P-2937	2	ADAPTER-O-RING	
	8	2	6L-5568	1	GASKET	
	9	1	6V-2492	1	CONNECTOR	
C	10	2	6V-8245	2	ELBOW	
	11	1	7T-0266	1	BRACKET AS	
		1	1F-0750	1	NUT-WELD (3/8-16THD)	
	12	1,2	7X-7958	2	CLAMP-HOSE	
	13	2	9Y-9236	1	BODY AS-GAUGE	
C	14	2	192-5425	2	TEE	
	15	2	133-5999	2	SUPPORT AS	
	16	2	137-8202	1	BRACKET AS	
	17	2	150-1978	1	CAP AS (SHUNT TANK)	
I	18	2	162-2257	1	HOSE AS	
	19	2	178-6360	1	TANK AS-RADIATOR	
	20	2	178-6362	1	TUBE AS	
C	21	2	3J-7354	5	SEAL-O-RING	
	22	2	3K-0360	1	SEAL-O-RING	
	23	2	4D-9517	7	CLIP	
	24	1,2	4L-6454	5	BOLT (3/8-16X1 IN)	
	25	2	5M-3062	1	BOLT (3/8-16X0.75 IN)	
	26	2	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)	
	27	2	6V-8801	2	NUT (3/8-16 THD)	
	28	1	7D-7233	2	CLIP	
	29	2	7M-8485	1	SEAL-O-RING	
	30	1	7X-0289	1	BOLT (3/8-16X1.875 IN)	
	31	2	7X-0325	6	BOLT (1/2-13X2.5 IN)	
	32	2	8M-0505	1	CONNECTOR	
	33	2	8M-2770	5	CLIP	
	34	2	8T-2502	2	BOLT (3/8-16X1.125 IN)	
	35	1,2	8T-4223	14	WASHER-HARD (13.5X25.5X3MM THK)	
	36	1,2	8T-4835	8	BOLT (1/2-13X2 IN)	
	37	1,2	8T-4896	5	WASHER-HARD (10.2X18.5X2.5MM THK)	
	38	2	230-5452	1	HOSE AS	
C	39	2	030-3978	1	CONNECTOR	

C-CHANGE FROM PREVIOUS TYPE

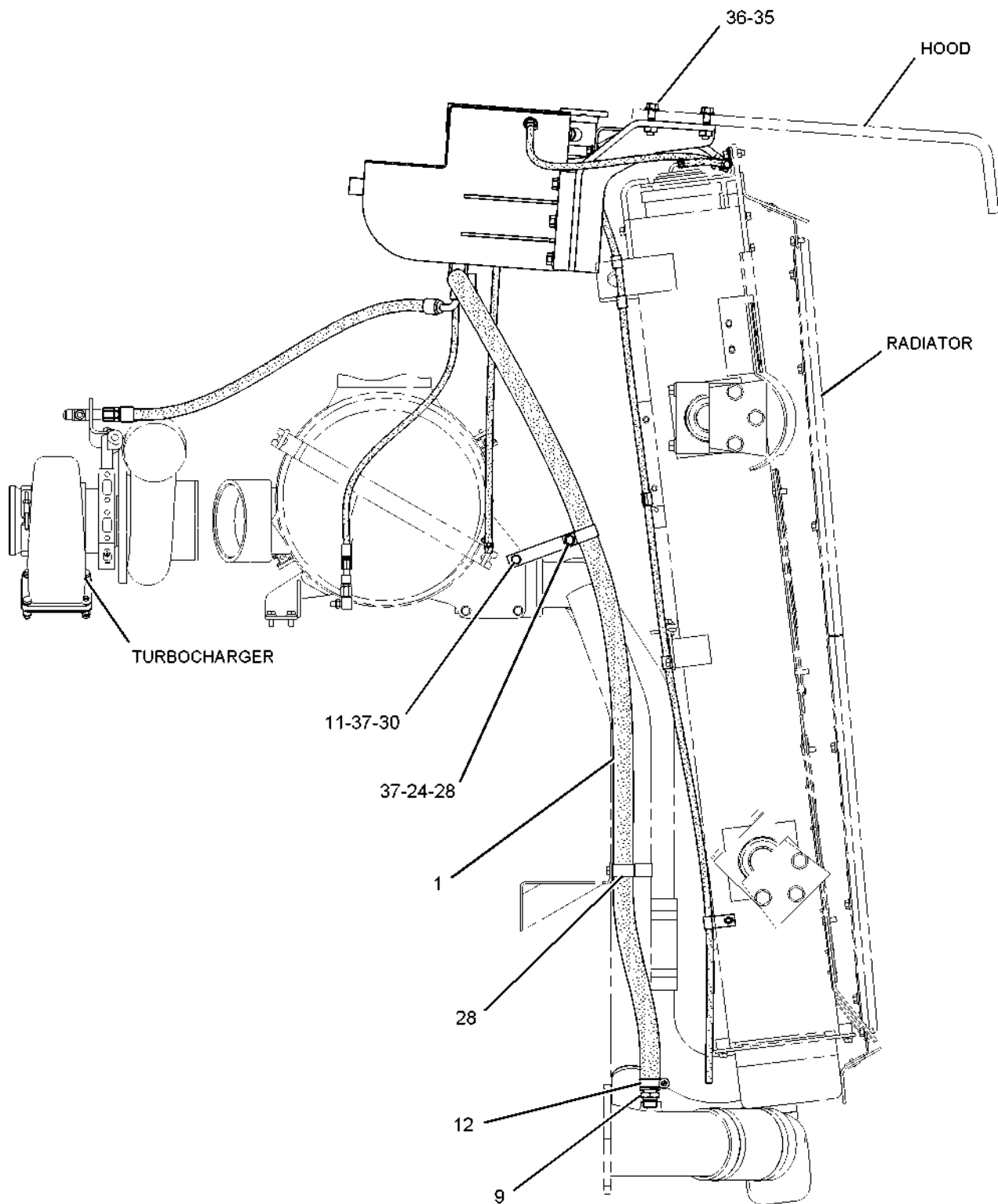
E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

COOLING SYSTEM

156-9813 TANK GP-WATER (contd.)

i01930731



RIGHT SIDE VIEW

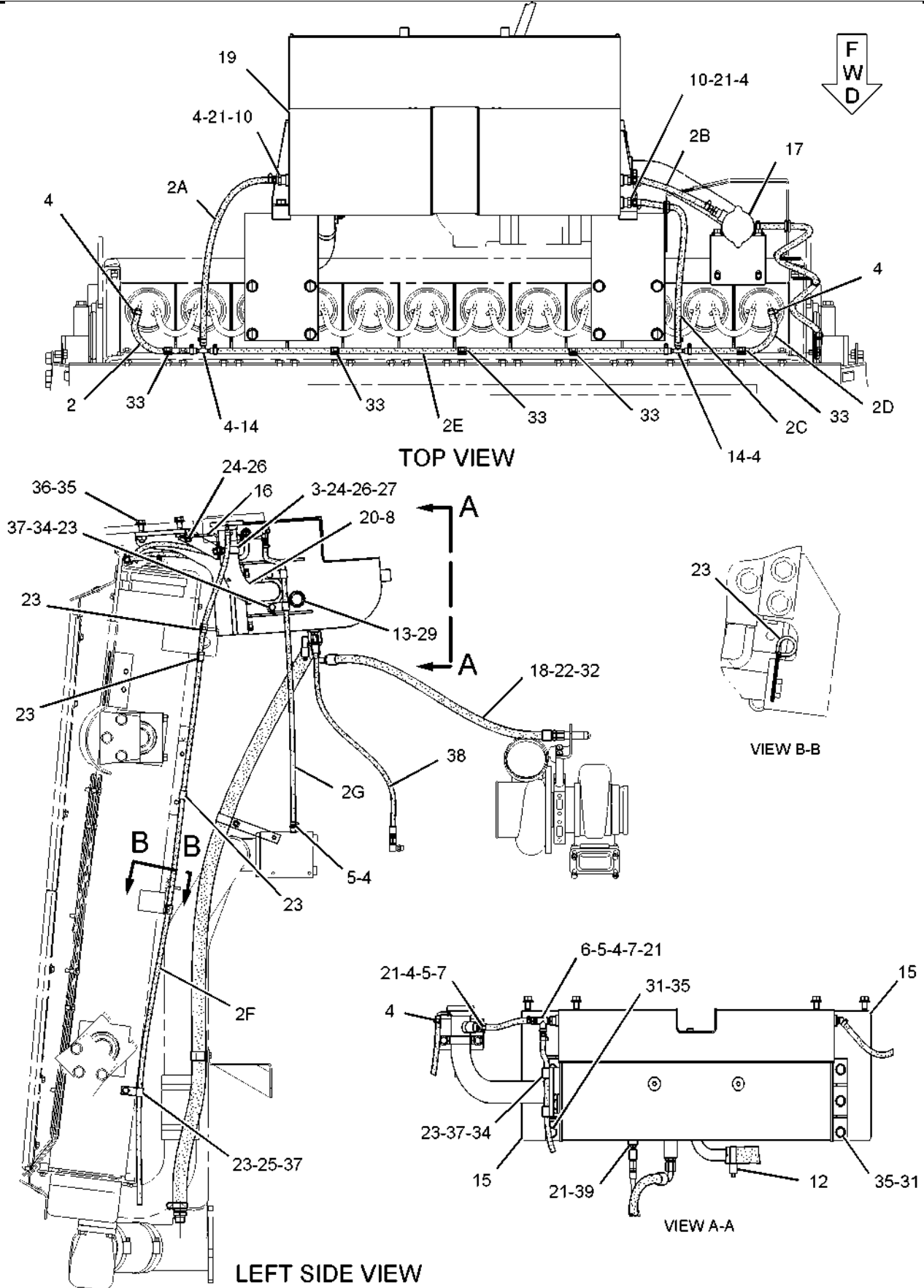
GRAPHIC #1

g01026294

COOLING SYSTEM

156-9813 TANK GP - WATER (contd.)

i01930731



GRAPHIC #2

<END>

g01026295

AIR INLET AND EXHAUST SYSTEM

172-0209 AFTERCOOLER GP-WATER

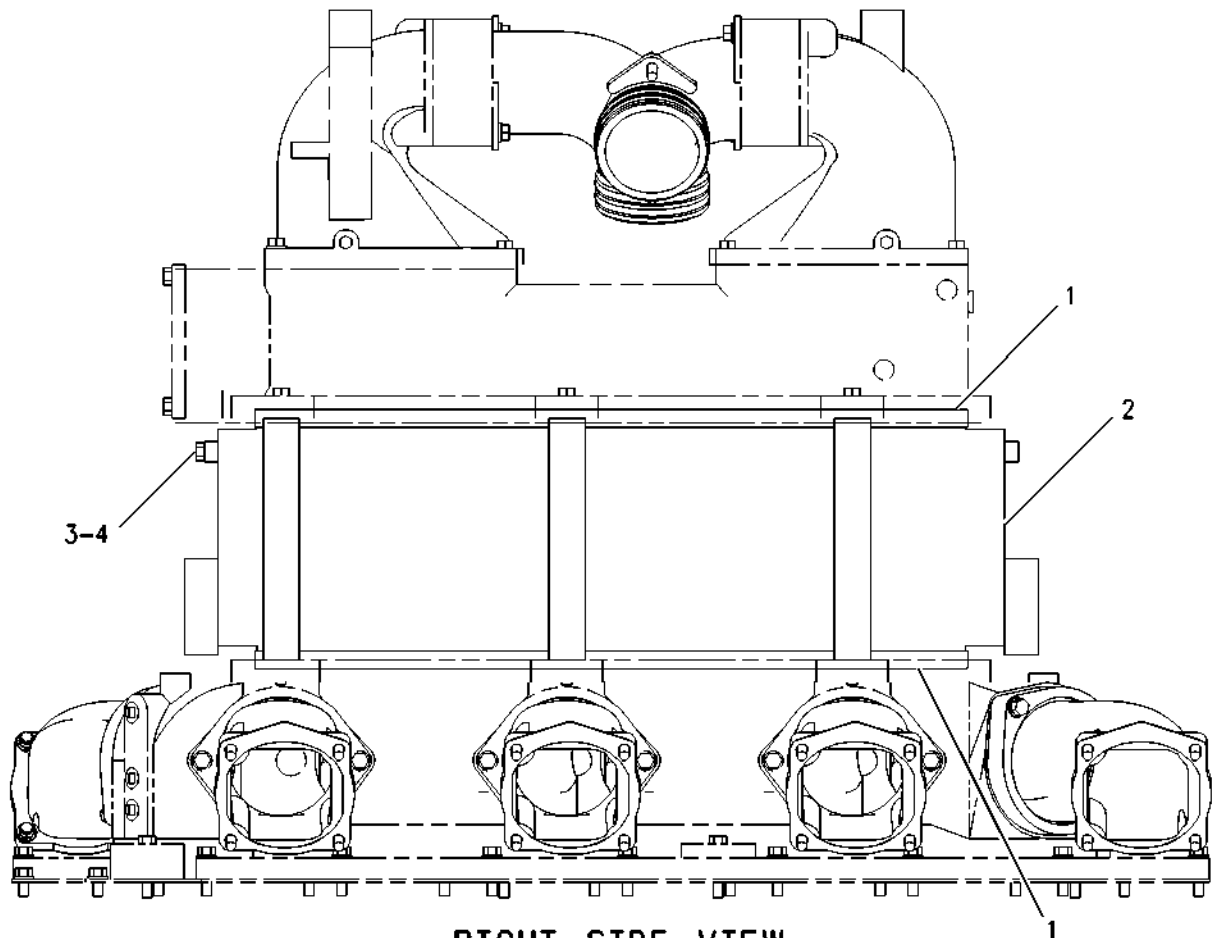
S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1063, 1064, 1079

i02000928

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	107-3758	2	SEAL						
	2	1	196-9200	1	CORE AS-AFTERCOOLER						
	3	1	6V-9027	1	SEAL-O-RING						
	4	1	9S-4182	1	PLUG						



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00582591

AIR INLET AND EXHAUST SYSTEM

123-6853 AIR CLEANER GP

S/N: 7PZ1-681

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1051, 1054

i01637927

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	5S-7383	1	BOLT (3/8-16X1.75 IN)						
B	2	1	8T-4896	1	WASHER-HARD (10.2X18.5X2.5MM THK)						
	3	1	1W-9745	1	BRACKET AS-LH						
	4	1	1W-9747	1	BRACKET AS-RH						
	5	1	5P-4869	4	CLAMP-HOSE						
	6	1	7C-9770	2	GASKET						
	7	1	7S-8817	2	PRECLEANER AS						
					(EACH INCLUDES)						
		1	0S-1591	1	BOLT (3/8-16X1.5 IN)						
		1	6V-8801	1	NUT (3/8-16 THD)						
	8	1	9M-2151	20	STUD-TAPERLOCK (3/8-16X1.38 IN)						
	9	1	112-6039	1	PLATE AS						
Y	10	1	123-6854	2	AIR CLEANER GP						166
	11	1	123-6857	1	BODY AS-PRECLEANER (LH)						
	12	1	123-6858	1	BODY AS-PRECLEANER (RH)						
	13	1	123-6922	2	ELBOW						
Y	14	1	135-3103	1	SUPPORT GP-AIR INLET (RH)						190
Y	15	1	135-3104	1	SUPPORT GP-AIR INLET (LH)						191
	16	1	2K-4973	20	LOCKNUT (3/8-16 THD)						
	17	1	5M-3062	8	BOLT (3/8-16X0.75 IN)						
	18	1	5S-7379	16	BOLT (3/8-16X0.875 IN)						
	19	1	5S-7382	2	BOLT (3/8-16X1.375 IN)						
	20	1	5S-7383	5	BOLT (3/8-16X1.75 IN)						
	21	1	8T-4896	51	WASHER-HARD (10.2X18.5X2.5MM THK)						

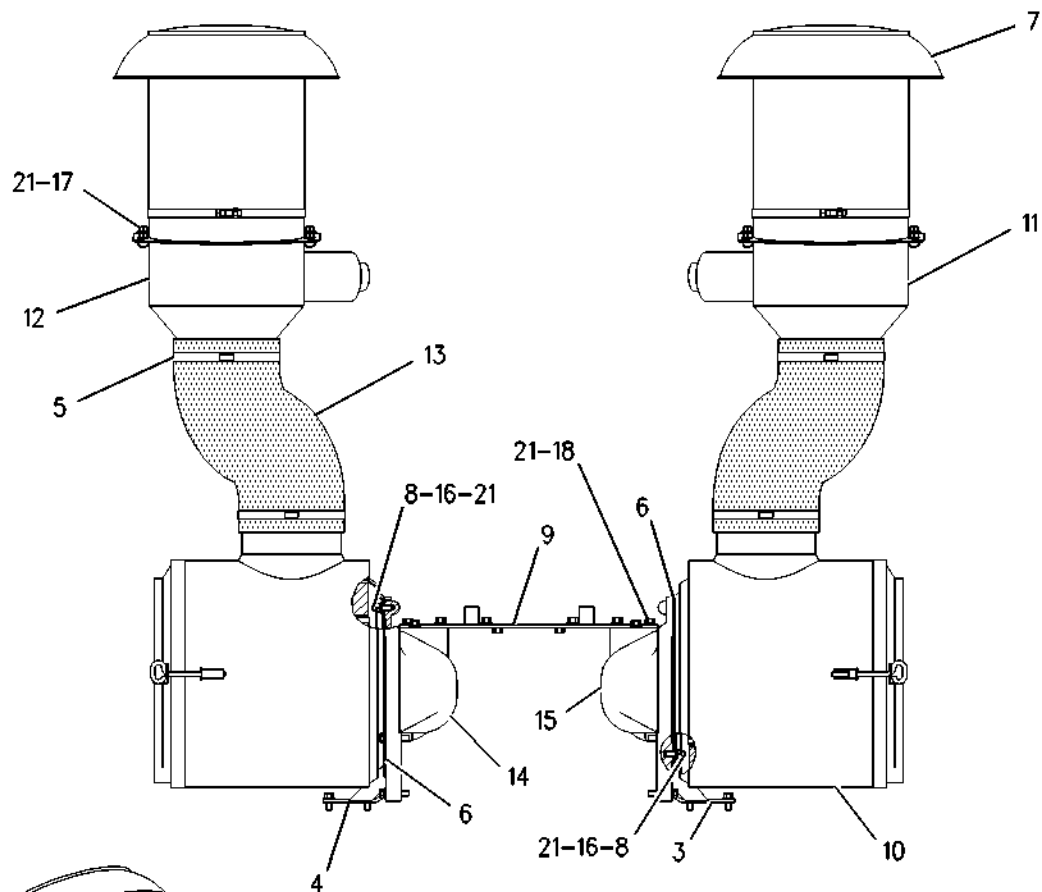
B-USE AS REQUIRED

Y-SEPARATE ILLUSTRATION

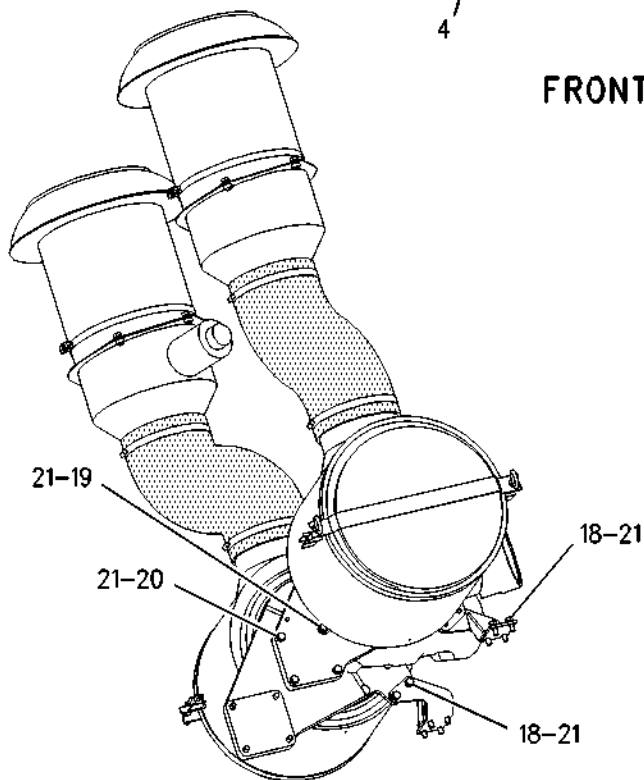
AIR INLET AND EXHAUST SYSTEM

123-6853 AIR CLEANER GP (contd.)

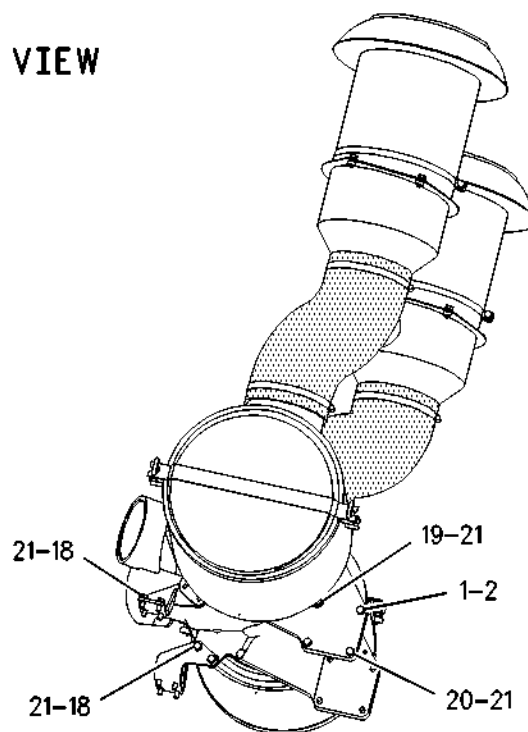
i01637927



FRONT VIEW



RIGHT SIDE VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00859483

AIR INLET AND EXHAUST SYSTEM

123-6854 AIR CLEANER GP

S/N: 7PZ1-681

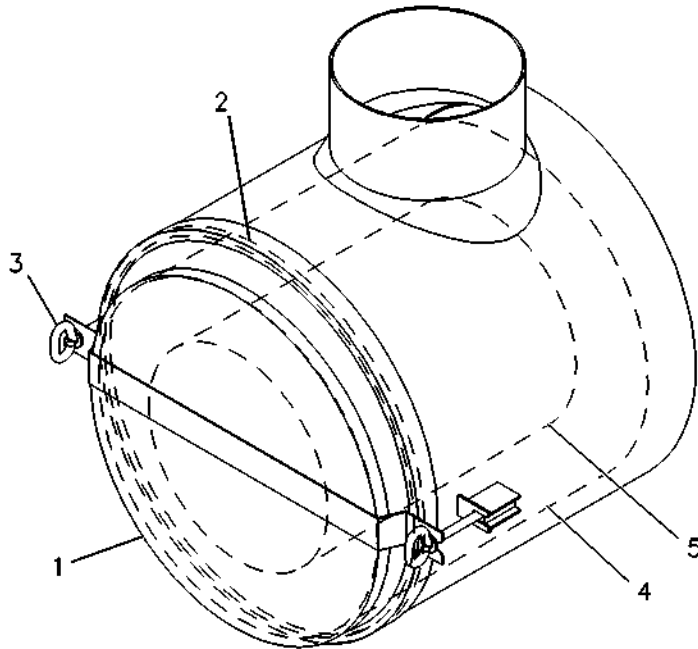
PART OF 123-6853 AIR CLEANER GP

SMCS-1051, 1054

i01988466

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	111-4376	1	COVER AS						
E	2	1	7X-2634		SEAL (128CM)						
	3	1	9M-3695	2	ROD AS						
	4	1	123-6855	1	ELEMENT AS-PRIMARY (AIR FILTER)						
	5	1	123-6856	1	ELEMENT AS-SECONDARY (AIR FILTER)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00254201

AIR INLET AND EXHAUST SYSTEM

217-7086 AIR CLEANER GP

S/N: 2GR4243, 4316, 4323, 4367, 4388, 4420-UP

PART OF 155-5556 ENGINE AR

SMCS-1051, 1054

i01928289

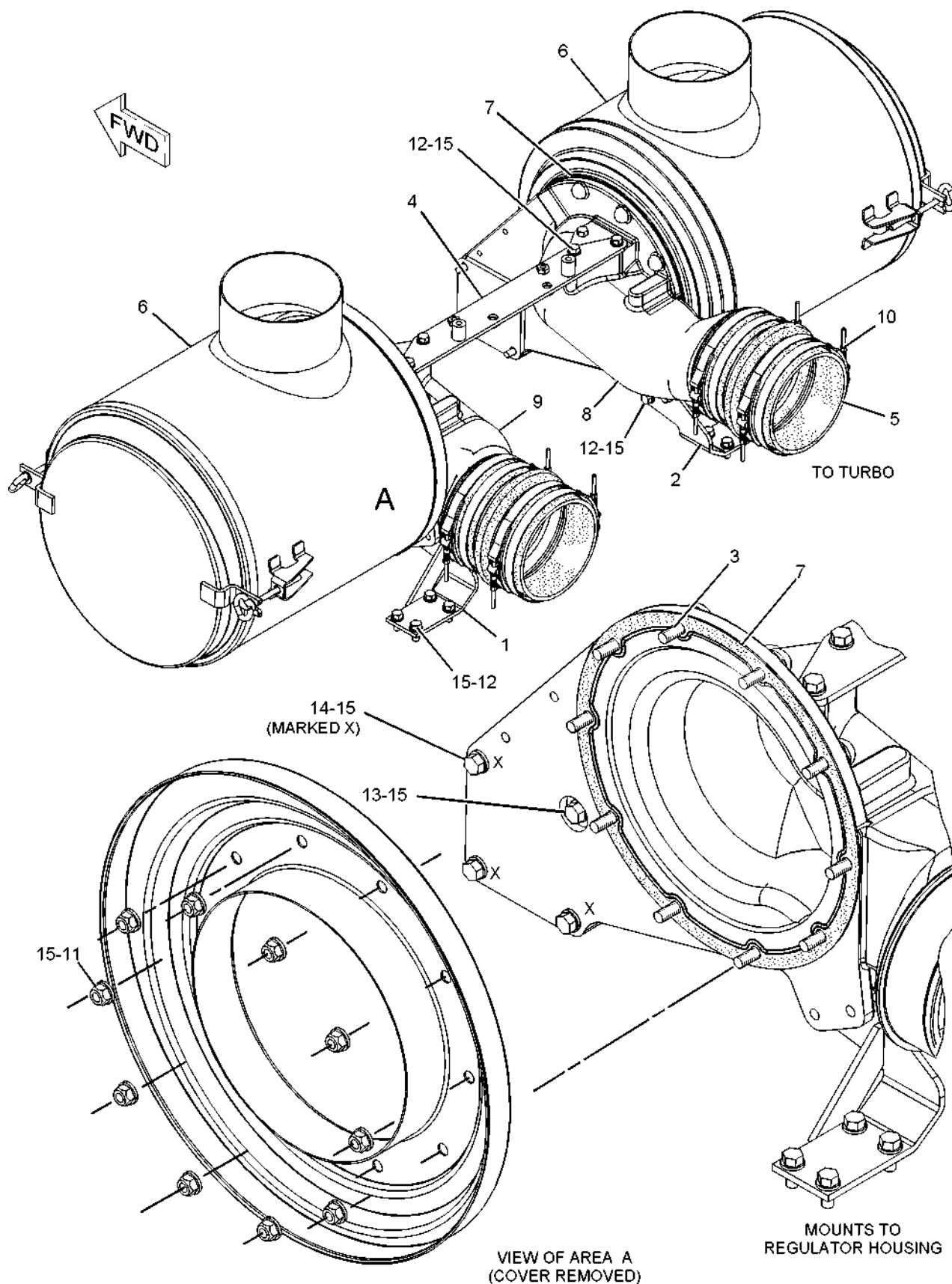
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1W-9745	1	BRACKET AS-LH	
	2	1	1W-9747	1	BRACKET AS-RH	
	3	1	9M-2151	20	STUD-TAPERLOCK (3/8-16X1.38 IN)	
	4	1	112-6039	1	PLATE AS	
	5	1	217-7087	2	HOSE	
Y	6	1	228-0692	2	AIR CLEANER GP	169
	7	1	230-0941	2	SEAL-INTEGRAL	
	8	1	217-7071	1	SUPPORT (AIR CLEANER) (RH)	
		1	7M-1674	1	ELEMENT-FILTER (AIR CLEANER)	
	9	1	217-7072	1	SUPPORT (AIR CLEANER) (LH)	
		1	7M-1674	1	ELEMENT-FILTER (AIR CLEANER)	
	10	1	233-8350	8	CLAMP	
	11	1	2K-4973	20	LOCKNUT (3/8-16 THD)	
	12	1	5S-7379	16	BOLT (3/8-16X0.875 IN)	
	13	1	5S-7382	2	BOLT (3/8-16X1.375 IN)	
	14	1	5S-7383	6	BOLT (3/8-16X1.75 IN)	
	15	1	8T-4896	44	WASHER-HARD (10.2X18.5X2.5MM THK)	

Y-SEPARATE ILLUSTRATION

AIR INLET AND EXHAUST SYSTEM

217-7086 AIR CLEANER GP (contd.)

i01928289



GRAPHIC #1

<END>

g01022787

AIR INLET AND EXHAUST SYSTEM

228-0692 AIR CLEANER GP

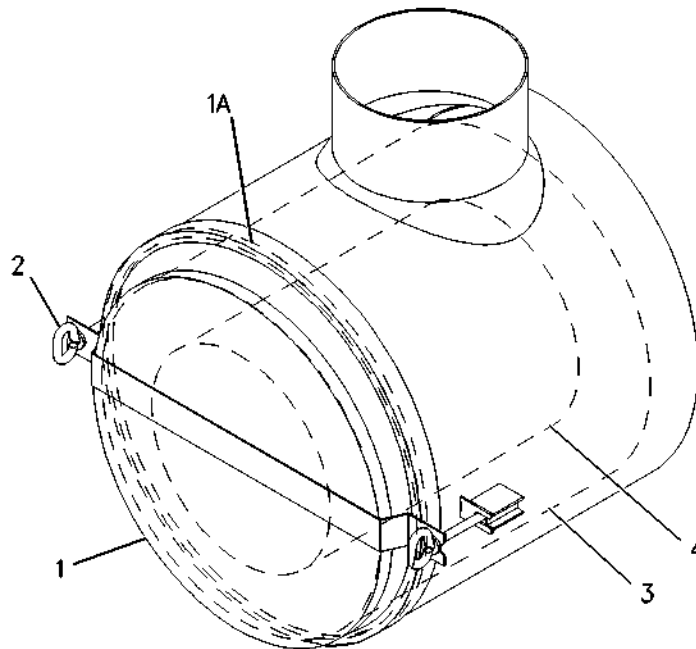
S/N: 2GR4243, 4316, 4323, 4367, 4388, 4420-UP

PART OF 217-7086 AIR CLEANER GP

SMCS-1051, 1054

i01967179

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7C-0190	1	COVER AS	
E	1A	1	7X-2634		SEAL (128CM)	
	2	1	9M-3695	2	ROD AS	
	3	1	132-7168	1	ELEMENT AS-PRIMARY (AIR FILTER) (ULTRA HIGH EFFICIENCY)	
	4	1	106-3973	1	ELEMENT AS-SECONDARY (AIR FILTER)	
E-ORDER BY THE CENTIMETER						



GRAPHIC #1

<END>

g00929020

AIR INLET AND EXHAUST SYSTEM

1W-3508 DUST EJECTOR GP-EXHAUST

S/N: 7PZ1-UP

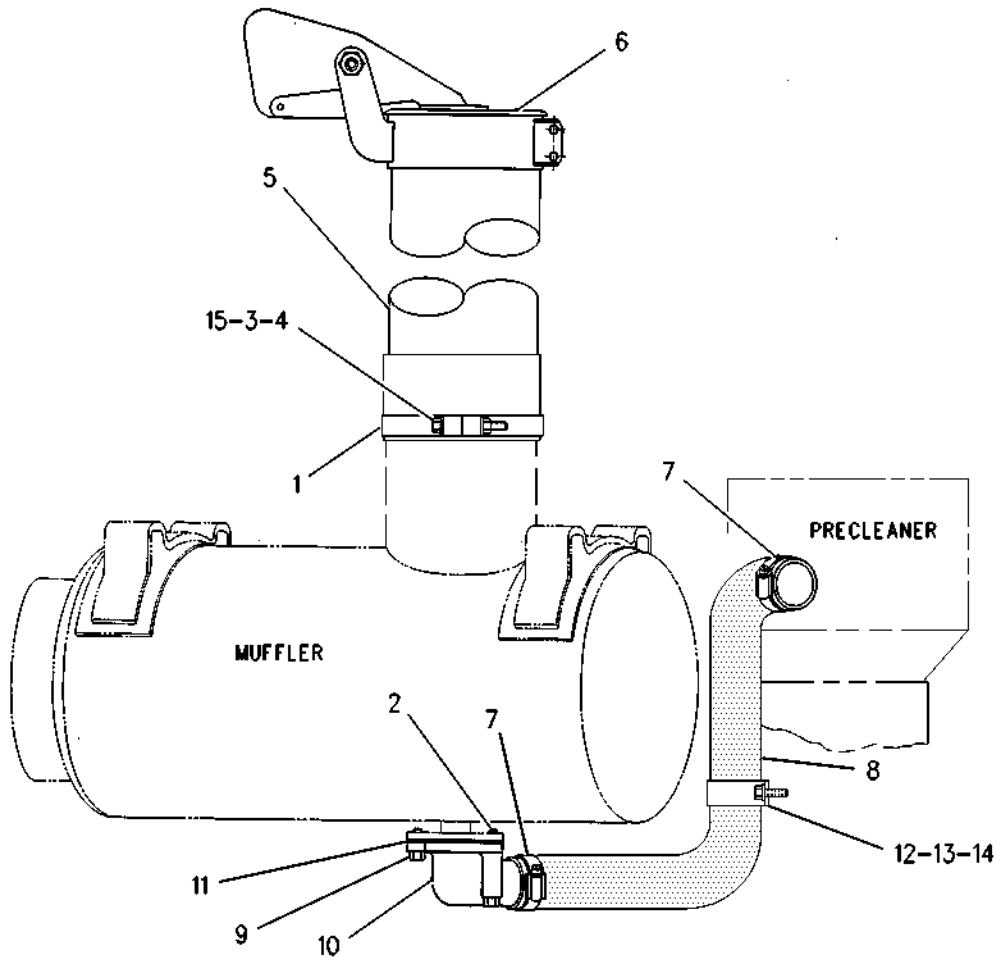
PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1068

i01988463

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-1208	2	CLAMP						
	2	1	8T-7008	2	BOLT (3/8-16X3 IN)						
	3	1	5P-1075	4	WASHER-HARD (10.2X22.5X3MM THK)						
	4	1	2K-4973	2	LOCKNUT (3/8-16 THD)						
	5	1	7W-5524	2	EJECTOR AS-EXHAUST						
	6	1	7S-5003	2	CAP AS-RAIN (EXHAUST)						
	7	1	5P-0597	4	CLAMP-HOSE						
	8	1	100-8033	2	HOSE						
	9	1	4L-6454	2	BOLT (3/8-16X1 IN)						
	10	1	1W-1115	2	ELBOW						
	11	1	7W-2478	2	GASKET						
B	12	1	130-3374	2	CLIP						
B	13	1	9B-7237	2	BOLT (3/8-16X1.25 IN)						
B	14	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5MM THK)						
	15	1	7X-0290	2	BOLT (3/8-16X3.50 IN)						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00736562

AIR INLET AND EXHAUST SYSTEM

154-2386 KIT - INSTALLATION—TURBINE PRECLEANER-2 REQUIRED

S/N: 7PZ1-UP

FOR USE WITH 130-3281—PAGE 185

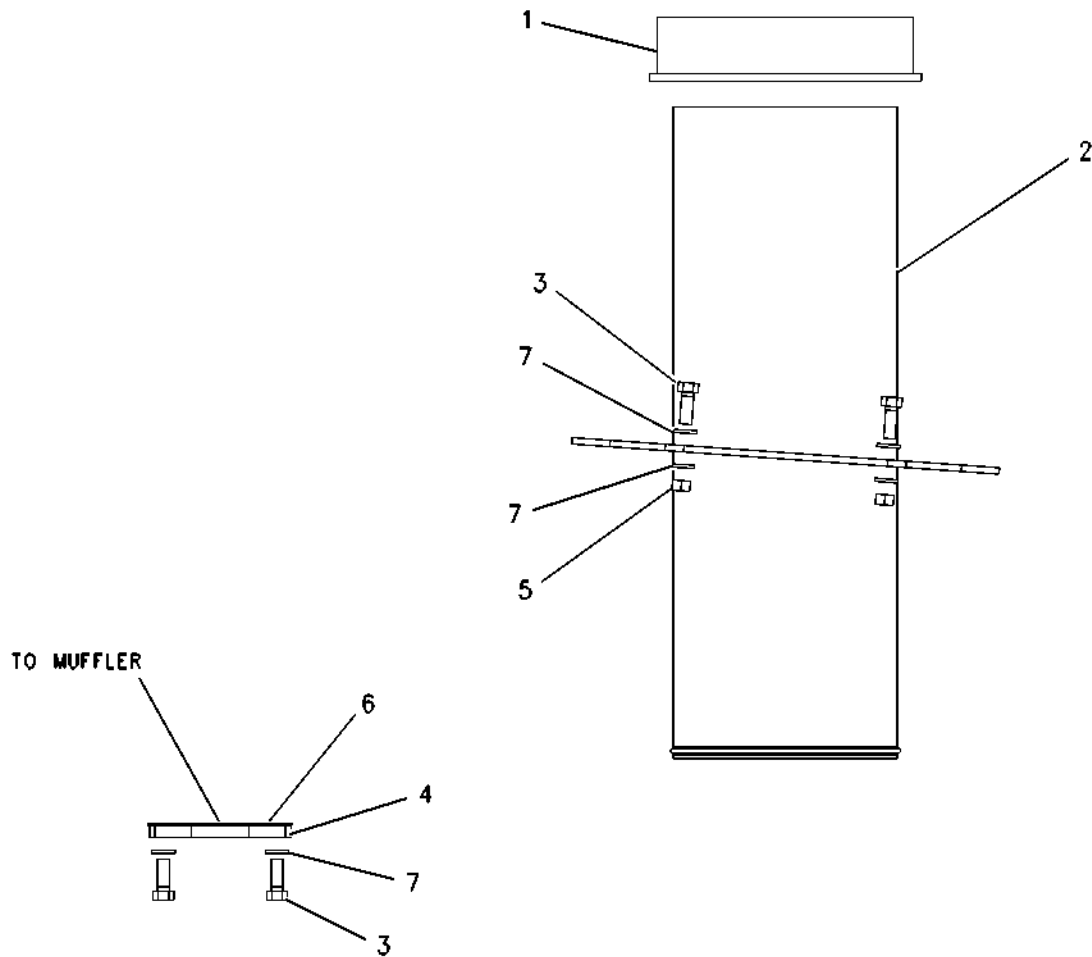
FIELD INSTALLATION

SMCS-1051

i01232502

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	107-7495	1	DAMPER	
Z	2	1			PIPE AS	
	3	1	4L-6454	6	BOLT (3/8-16X1 IN)	
	4	1	4W-5596	1	COVER	
	5	1	6V-8801	4	NUT (3/8-16 THD)	
	6	1	7W-2478	1	GASKET	
	7	1	8T-4896	10	WASHER-HARD (2.5MM THK)	

Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00659545

AIR INLET AND EXHAUST SYSTEM

1W-0725 LINES GP-AIR

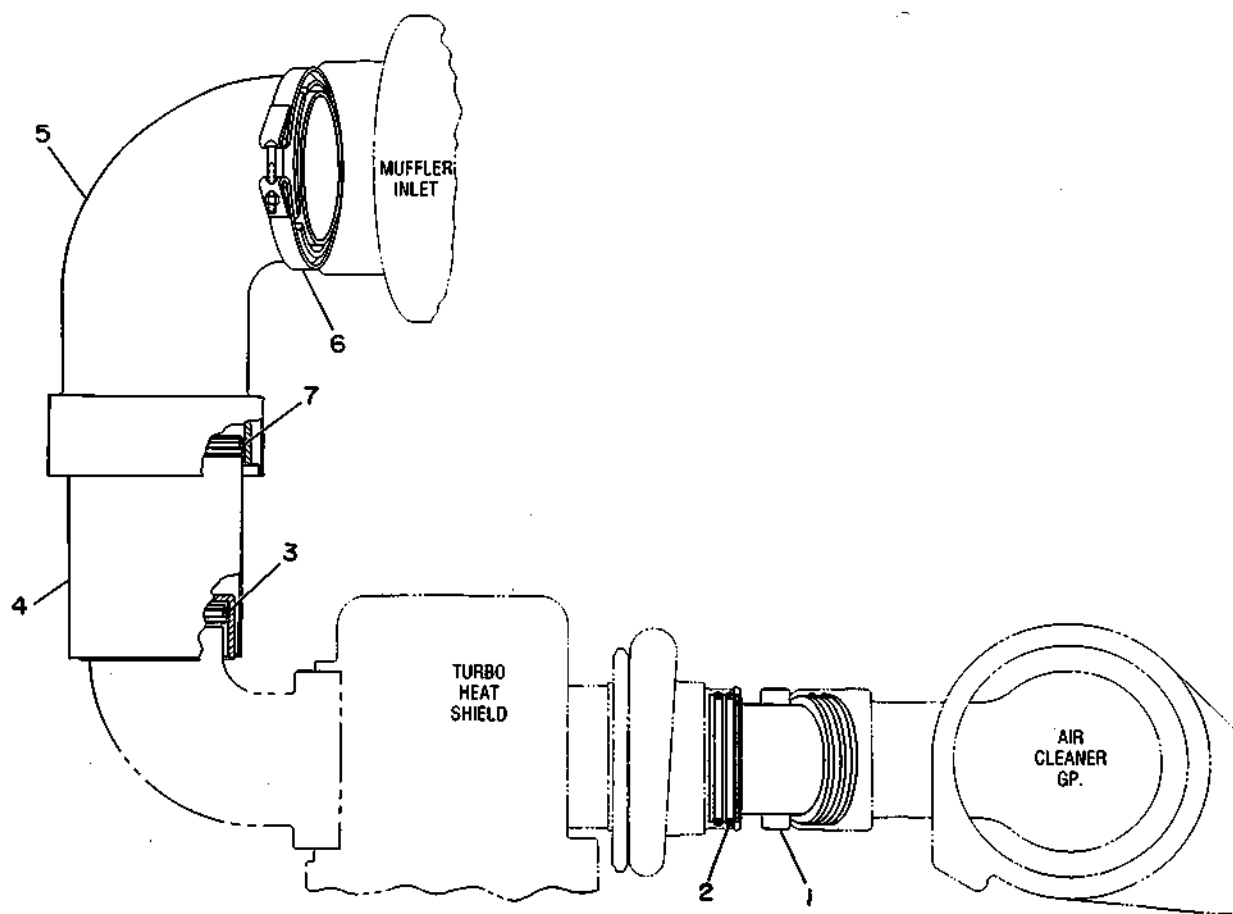
S/N: 7PZ1-681

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1071

i01645062

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-2976	2	ELBOW						
	2	1	6V-5103	8	SEAL-O-RING						
	3	1	8N-2729	2	RING-METAL SEAL						
	4	1	2W-6965	2	COUPLING						
	5	1	2W-1080	2	ELBOW AS-EXHAUST						
	6	1	1W-6694	2	CLAMP						
	7	1	8N-2730	2	RING-METAL SEAL						



GRAPHIC #1

<END>

g00202100

AIR INLET AND EXHAUST SYSTEM

1W-0725 LINES GP-AIR

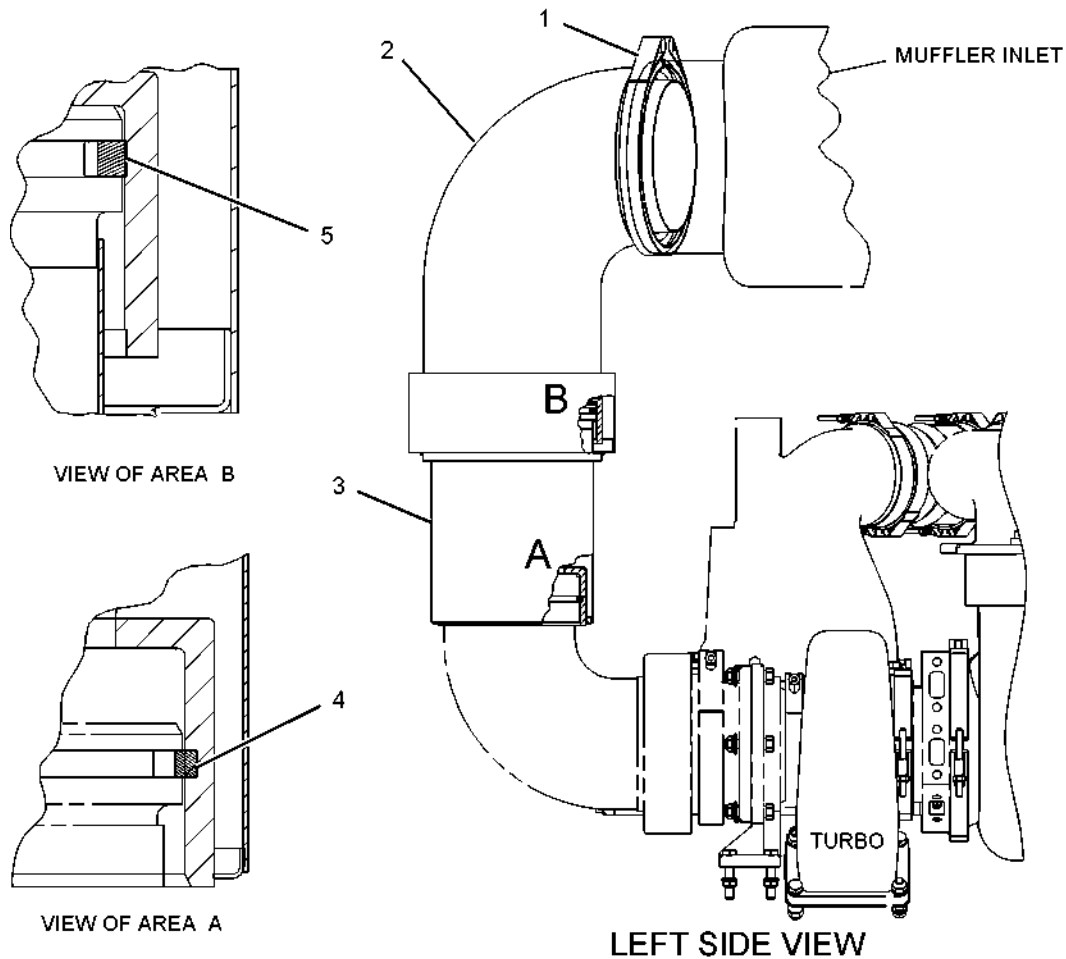
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PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1071

i01928865

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-6694	2	CLAMP						
					(EACH INCLUDES)						
		1	8T-0193	1	NUT-FULL (5/16-24 THD)						
	2	1	2W-1080	2	ELBOW AS-EXHAUST						
	3	1	2W-6965	2	COUPLING						
	4	1	8N-2729	2	RING-METAL SEAL (EXHAUST)						
	5	1	8N-2730	2	RING-METAL SEAL (EXHAUST)						



GRAPHIC #1

<END>

g01023650

AIR INLET AND EXHAUST SYSTEM

156-9819 LINES GP-AIR

S/N: 2GR1180-4242, 4244-4315, 4317-4322, 4324-4366, 4368-4387, 4389-4419

PART OF 155-5556 ENGINE AR

SMCS-1071

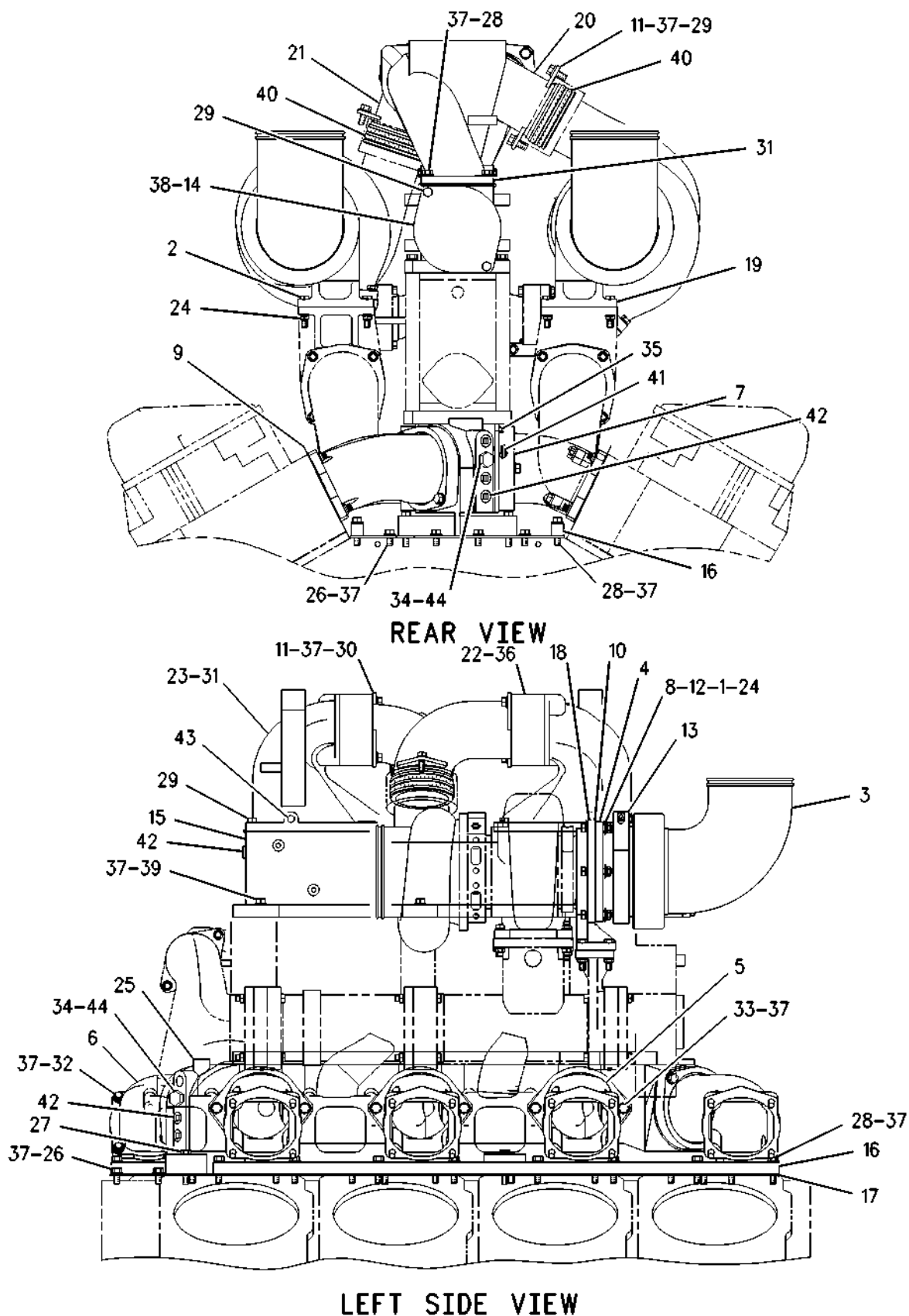
i02008955

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1S-1150	12	SPACER (4.83MM THK)	
	2	1	2N-2765	8	BOLT-HIGH TEMPERATURE (3/8-16X1.75 IN)	
	3	1	2W-1568	2	ELBOW AS	
	4	1	4W-0226	2	ADAPTER	
	5	1	7C-7909	6	ELBOW	
	6	1	7C-7910	2	ELBOW	
	7	1	7C-8199	8	FLANGE	
	8	1	7L-3195	12	BOLT-HIGH TEMPERATURE (3/8-16X1-3/4 IN)	
	9	1	7N-5080	8	GASKET-MANIFOLD	
	10	1	7N-5087	2	GASKET-EXHAUST OUTLET	
	11	1	7W-3145	8	PLATE	
	12	1	7X-1387	12	WASHER (10.26X22.22X1.9MM THK)	
	13	1	8N-4401	2	CLAMP-V-BAND (EACH INCLUDES)	
		1	8T-0193	1	NUT-FULL (5/16-24 THD)	
	14	1	110-9517	1	COVER	
	15	1	112-3591	1	COVER	
	16	1	123-6982	2	BAR	
	17	1	123-6983	1	PLATE	
	18	1	127-8112	1	SUPPORT-EXHAUST PIPE (LH)	
	19	1	127-8113	1	SUPPORT-EXHAUST PIPE (RH)	
	20	1	144-5690	1	ELBOW	
	21	1	144-5691	1	ELBOW	
	22	1	146-7383	2	FLANGE	
	23	1	160-9836	2	ELBOW	
	24	1	168-7800	20	LOCKNUT (3/8-16 THD)	
	25	1	174-9338	1	MANIFOLD	
	26	1	0S-0509	6	BOLT (3/8-16X0.75 IN)	
	27	1	0S-1590	4	BOLT (3/8-16X2 IN)	
	28	1	0S-1591	18	BOLT (3/8-16X1.5 IN)	
	29	1	0S-1594	12	BOLT (3/8-16X25.4 IN)	
	30	1	0S-1619	4	BOLT (3/8-16X3 IN)	
	31	1	109-7411	2	SEAL-O-RING	
	32	1	1T-0720	32	BOLT-12 POINT HEAD (3/8-16X1.25 IN)	
	33	1	2A-4639	16	BOLT (3/8-16X1.625 IN)	
	34	1	3K-0360	2	SEAL-O-RING	
	35	1	4S-5898	8	SEAL-O-RING	
	36	1	5D-5957	2	SEAL-O-RING	
	37	1	5M-2894	86	WASHER-HARD (10.2X18.5X2.5MM THK)	
	38	1	5P-8940	1	SEAL-O-RING	
	39	1	6J-0934	6	BOLT (3/8-16X10.75IN)	
	40	1	6V-3917	8	SEAL-O-RING	
	41	1	6V-5101	8	SEAL-O-RING	
	42	1	8T-6762	7	PLUG-PIPE	
	43	1	8T-6764	2	PLUG-PIPE	
	44	1	9S-4185	2	PLUG	

AIR INLET AND EXHAUST SYSTEM

156-9819 LINES GP-AIR (contd.)

i02008955



GRAPHIC #1

<END>

g00794239

AIR INLET AND EXHAUST SYSTEM

230-1050 LINES GP-AIR

S/N: 2GR4243, 4316, 4323, 4367, 4388, 4420-UP

PART OF 155-5556 ENGINE AR

SMCS-1071

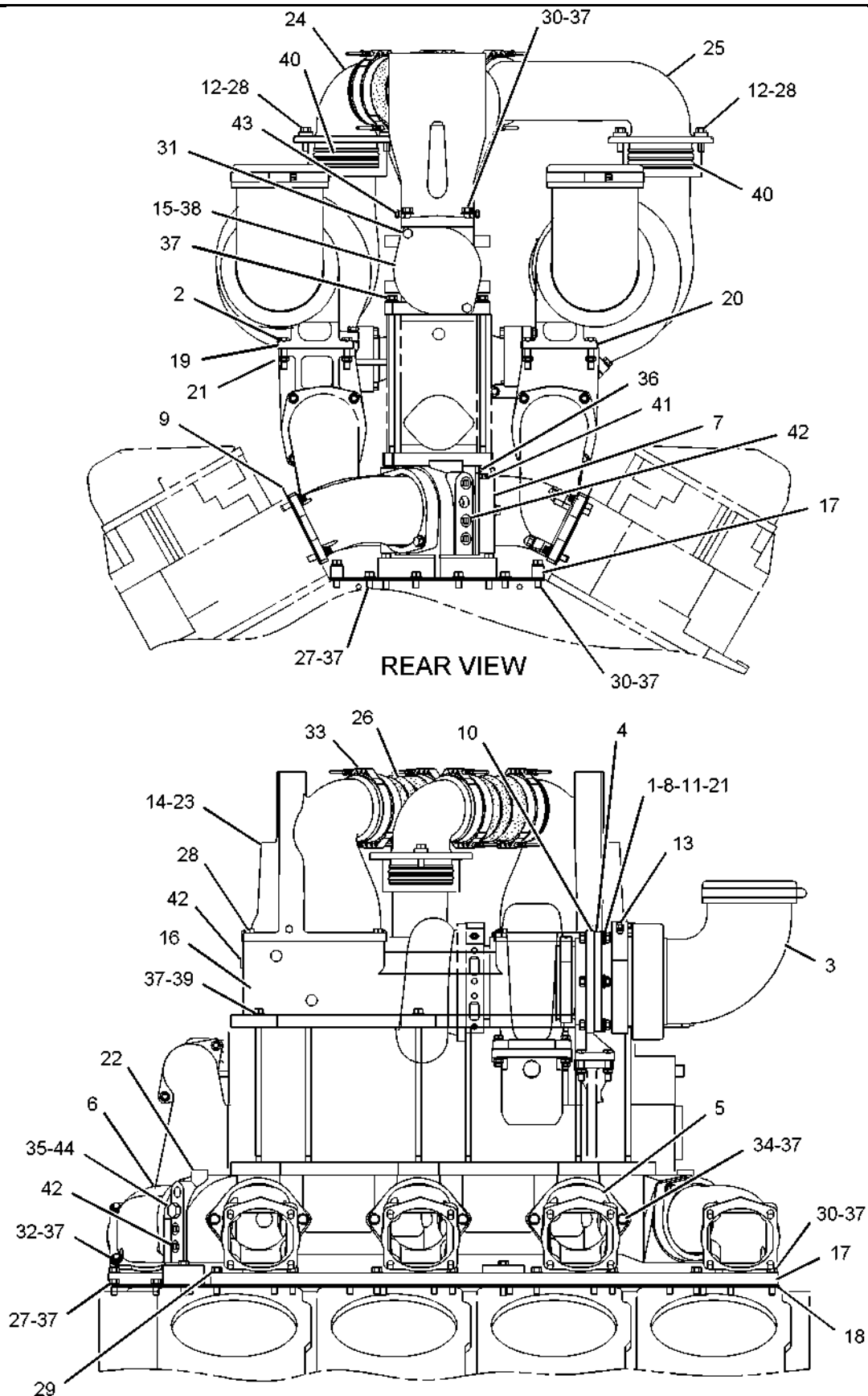
i02000822

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1S-1150	12	SPACER (4.83MM THK)	
	2	1	2N-2765	8	BOLT-HIGH TEMPERATURE (3/8-16X1.75 IN)	
	3	1	2W-1568	2	ELBOW AS	
	4	1	4W-0226	2	ADAPTER	
	5	1	7C-7909	6	ELBOW	
	6	1	7C-7910	2	ELBOW	
	7	1	7C-8199	8	FLANGE	
	8	1	7L-3195	12	BOLT-HIGH TEMPERATURE (3/8-16X1-3/4 IN)	
	9	1	7N-5080	8	GASKET-MANIFOLD	
	10	1	7N-5087	2	GASKET-EXHAUST OUTLET	
	11	1	7X-1387	12	WASHER (10.26X22.22X1.9MM THK)	
	12	1	8M-9124	4	WASHER (10X22.5X8MM THK)	
	13	1	8N-4401	2	CLAMP-V-BAND (EACH INCLUDES)	
		1	8T-0193	1	NUT-FULL (5/16-24 THD)	
	14	1	109-7411	2	SEAL-O-RING	
	15	1	110-9517	1	COVER	
	16	1	112-3591	1	COVER (AIR INLET)	
	17	1	123-6982	2	BAR	
	18	1	123-6983	1	PLATE	
	19	1	127-8112	1	SUPPORT-EXHAUST PIPE (LH)	
	20	1	127-8113	1	SUPPORT-EXHAUST PIPE (RH)	
	21	1	168-7800	20	LOCKNUT (HIGH TEMPERATURE)	
	22	1	174-9338	1	MANIFOLD	
	23	1	217-7073	2	ELBOW	
	24	1	217-7074	1	ELBOW	
	25	1	217-7075	1	ELBOW	
	26	1	217-7088	2	HOSE	
	27	1	0S-0509	6	BOLT (3/8-16X0.75 IN)	
	28	1	0S-1588	10	BOLT (3/8-16X1.25 IN)	
	29	1	0S-1590	4	BOLT (3/8-16X2 IN)	
	30	1	0S-1591	18	BOLT (3/8-16X1.5 IN)	
	31	1	0S-1594	2	BOLT (3/8-16X1 IN)	
	32	1	1T-0720	32	BOLT-12 POINT HEAD (3/8-16X1.25 IN)	
	33	1	216-2211	8	CLAMP	
	34	1	2A-4639	16	BOLT (3/8-16X1.625 IN)	
	35	1	3K-0360	1	SEAL-O-RING	
	36	1	4S-5898	8	SEAL-O-RING	
	37	1	5M-2894	78	WASHER-HARD (10.2X18.5X2.5MM THK)	
	38	1	5P-8940	1	SEAL-O-RING	
	39	1	6J-0934	6	BOLT (3/8-16X10.75IN)	
	40	1	6V-3917	4	SEAL-O-RING	
	41	1	6V-5101	8	SEAL-O-RING	
	42	1	8T-6762	7	PLUG-PIPE	
	43	1	8T-6764	2	PLUG-PIPE	
	44	1	9S-4185	1	PLUG	

AIR INLET AND EXHAUST SYSTEM

230-1050 LINES GP-AIR (contd.)

i02000822



LEFT SIDE VIEW
<END>

GRAPHIC #1

g01009303

AIR INLET AND EXHAUST SYSTEM

121-5731 MANIFOLD GP-EXHAUST

S/N: 2GR1180-3601

PART OF 155-5556 ENGINE AR

SMCS-1059

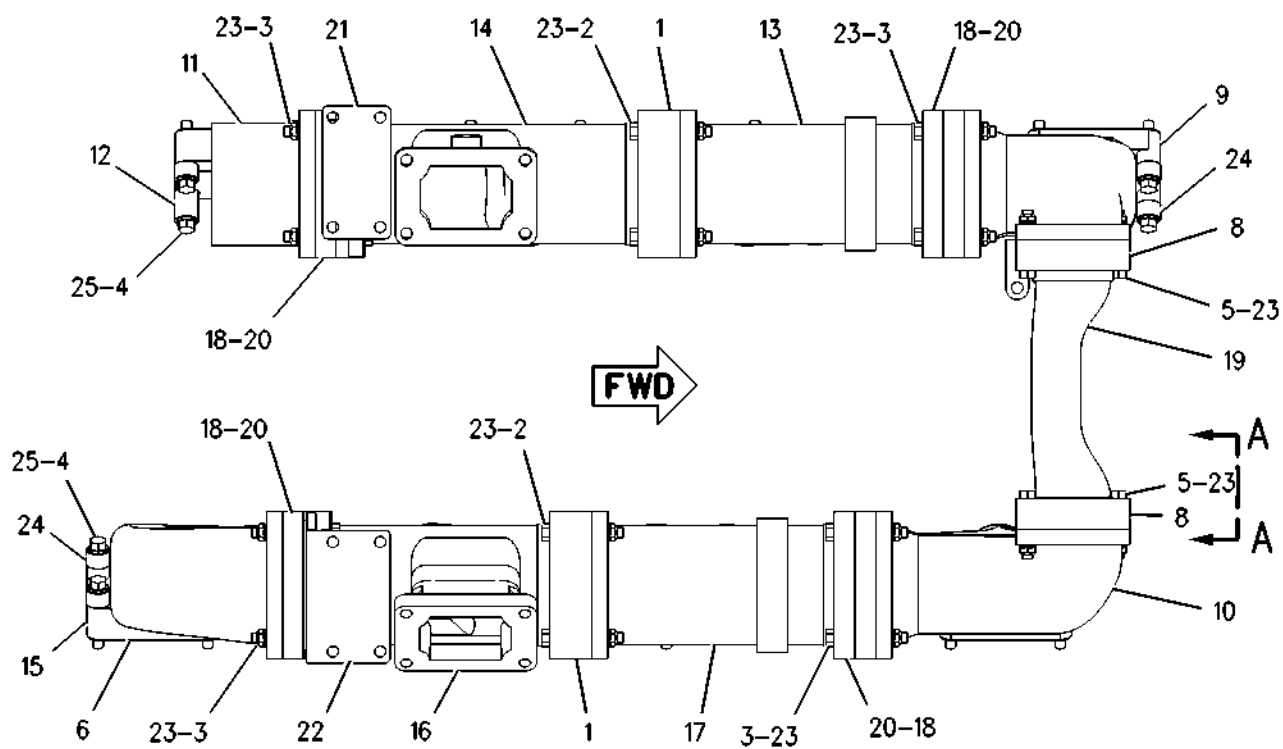
i02008961

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-5499	2	SLEEVE-EXHAUST MANIFOLD						
	2	1	5P-2755	8	BOLT-HIGH TEMPERATURE (3/8-16X2.75 IN)						
	3	1	5P-3345	16	BOLT (3/8-16X3 IN)						
	4	1	5P-3961	32	BOLT (3/8-16X2.5 IN)						
	5	1	7L-6443	4	BOLT (3/8-16X2.25 IN)						
	6	1	7W-8145	8	GASKET-EXHAUST MANIFOLD						
	7	1	9L-2295	1	BOLT-HIGH TEMPERATURE (3/8-16X1.5 IN)						
	8	1	107-8719	2	SLEEVE-EXHAUST MANIFOLD						
	9	1	110-8771	1	MANIFOLD-EXHAUST (LH FRONT)						
	10	1	110-8772	1	MANIFOLD-EXHAUST (RH FRONT)						
	11	1	113-8172	1	MANIFOLD-EXHAUST (LH REAR)						
	12	1	113-8189	1	SPACER (10.5X22.5X30MM THK)						
	13	1	115-0553	1	MANIFOLD-EXHAUST (INTERMEDIATE) (LH)						
	14	1	115-0554	1	MANIFOLD-EXHAUST (INTERMEDIATE) (LH)						
	15	1	115-0555	1	MANIFOLD-EXHAUST (RH REAR)						
	16	1	115-0556	1	MANIFOLD-EXHAUST (INTERMEDIATE) (RH)						
	17	1	115-0557	1	MANIFOLD-EXHAUST (INTERMEDIATE) (RH)						
	18	1	127-8269	4	SEAL-EXHAUST						
	19	1	129-9547	1	MANIFOLD-EXHAUST						
	20	1	153-7474	6	SLEEVE-EXHAUST MANIFOLD						
	21	1	166-8420	1	SLEEVE-ELBOW SUPPORT (LH)						
	22	1	166-8421	1	SLEEVE-ELBOW SUPPORT (RH)						
	23	1	168-7800	29	LOCKNUT (3/8-16 THD)						
	24	1	198-0230	31	SPACER (10.5X19X15MM THK)						
	25	1	5M-2894	32	WASHER-HARD (10.2X18.5X2.5MM THK)						

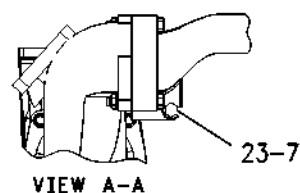
AIR INLET AND EXHAUST SYSTEM

121-5731 MANIFOLD GP-EXHAUST (contd.)

i02008961



TOP VIEW



GRAPHIC #1

<END>

g00786992

AIR INLET AND EXHAUST SYSTEM

121-5731 MANIFOLD GP-EXHAUST

S/N: 2GR3602-UP

PART OF 155-5556 ENGINE AR

SMCS-1059

i02001064

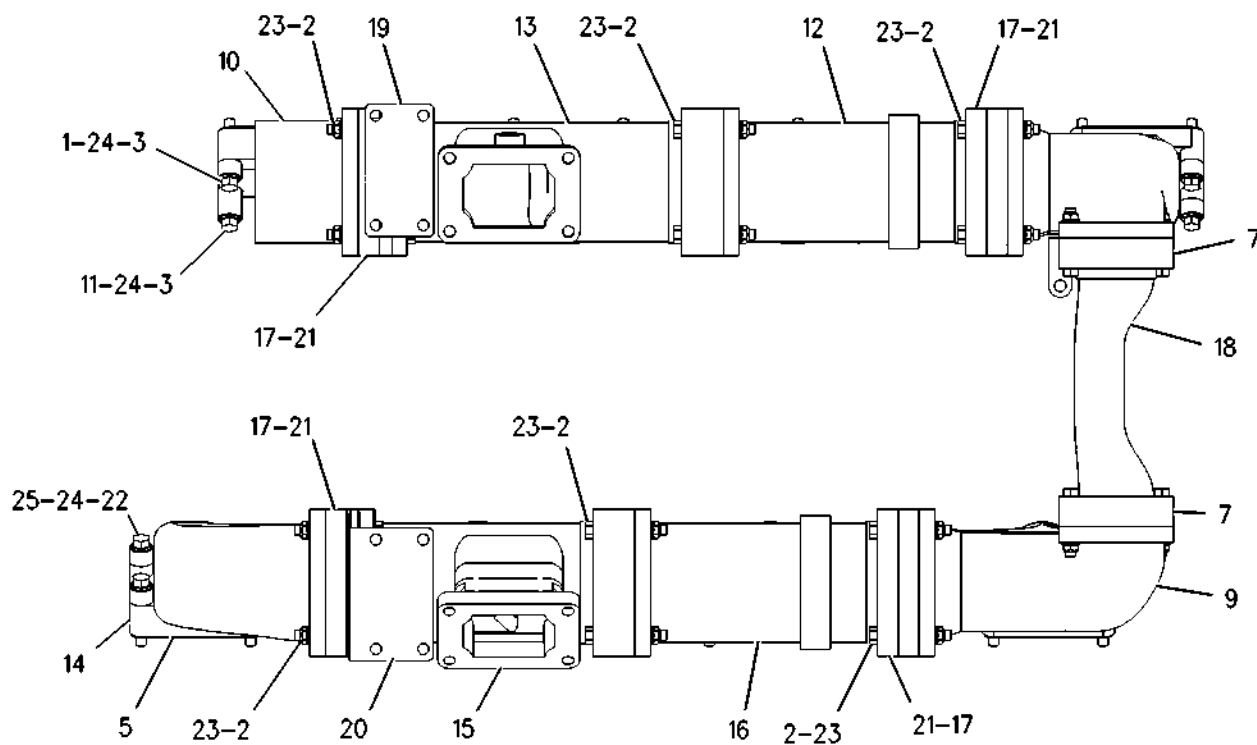
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	4P-7680	3	SPACER (10.5X22.5X15MM THK)						
C	2	1	5P-3345	24	BOLT (3/8-16X3 IN)						
C	3	1	5P-3961	4	BOLT (3/8-16X2.5 IN)						
	4	1	7L-6443	4	BOLT (3/8-16X2.25 IN)						
	5	1	7W-8145	8	GASKET-EXHAUST MANIFOLD						
	6	1	9L-2295	1	BOLT-HIGH TEMPERATURE (3/8-16X1.5 IN)						
	7	1	107-8719	2	SLEEVE-EXHAUST MANIFOLD						
	8	1	110-8771	1	MANIFOLD-EXHAUST (LH FRONT)						
	9	1	110-8772	1	MANIFOLD-EXHAUST (RH FRONT)						
	10	1	113-8172	1	MANIFOLD-EXHAUST (LH REAR)						
	11	1	113-8189	1	SPACER (10.5X22.5X30MM THK)						
	12	1	115-0553	1	MANIFOLD-EXHAUST (INTERMEDIATE) (LH)						
	13	1	115-0554	1	MANIFOLD-EXHAUST (INTERMEDIATE) (LH)						
	14	1	115-0555	1	MANIFOLD-EXHAUST (RH REAR)						
	15	1	115-0556	1	MANIFOLD-EXHAUST (INTERMEDIATE) (RH)						
	16	1	115-0557	1	MANIFOLD-EXHAUST (INTERMEDIATE) (RH)						
C	17	1	127-8269	6	SEAL-EXHAUST						
	18	1	129-9547	1	MANIFOLD-EXHAUST						
	19	1	166-8420	1	SLEEVE-ELBOW SUPPORT (LH)						
	20	1	166-8421	1	SLEEVE-ELBOW SUPPORT (RH)						
C	21	1	203-2143	10	SLEEVE (EXHAUST MANIFOLD)						
C	22	1	203-2163	28	SPACER (10.5X22.5X21.35MM THK)						
C	23	1	2N-2766	29	LOCKNUT (3/8-16 THD)						
	24	1	5M-2894	32	WASHER-HARD (10.2X18.5X2.5MM THK)						
C	25	1	5P-3875	28	BOLT (3/8-16X2.75 IN)						

C-CHANGE FROM PREVIOUS TYPE

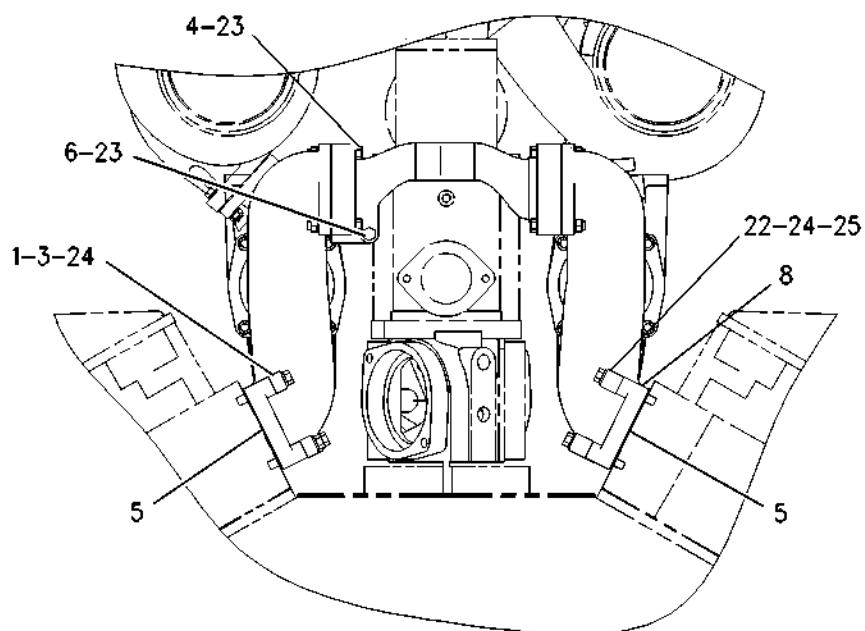
AIR INLET AND EXHAUST SYSTEM

121-5731 MANIFOLD GP - EXHAUST (contd.)

i02001064



TOP VIEW 



FRONT VIEW

GRAPHIC #1

<END>

g00873123

AIR INLET AND EXHAUST SYSTEM

1W-0726 MUFFLER GP

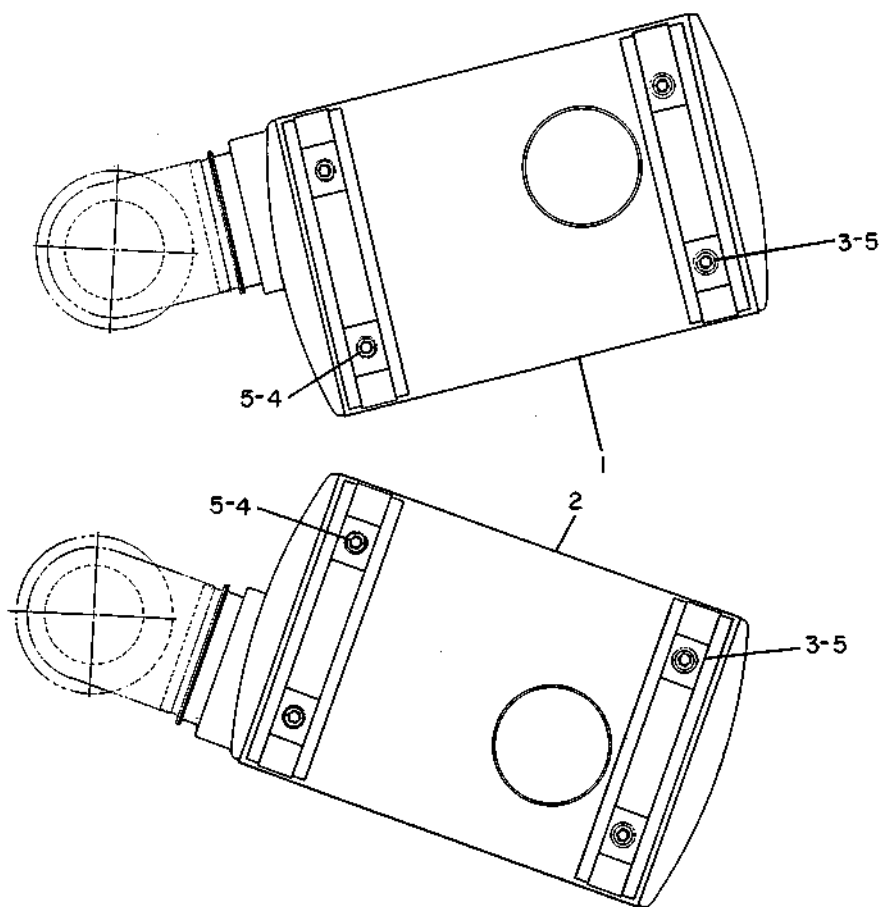
S/N: 7PZ1-UP

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1062

i02001098

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-3659	1	MUFFLER AS (LH)						
	2	1	7W-3660	1	MUFFLER AS (RH)						
	3	1	0S-1585	4	BOLT (1/2-13X1.50 IN)						
	4	1	0L-1329	4	BOLT (1/2-13X3-IN)						
	5	1	5P-8245	8	WASHER-HARD (13.5X25.5X3MM THK)						



GRAPHIC #1

<END>

g00175323

AIR INLET AND EXHAUST SYSTEM

102-4367 PRECLEANER AR

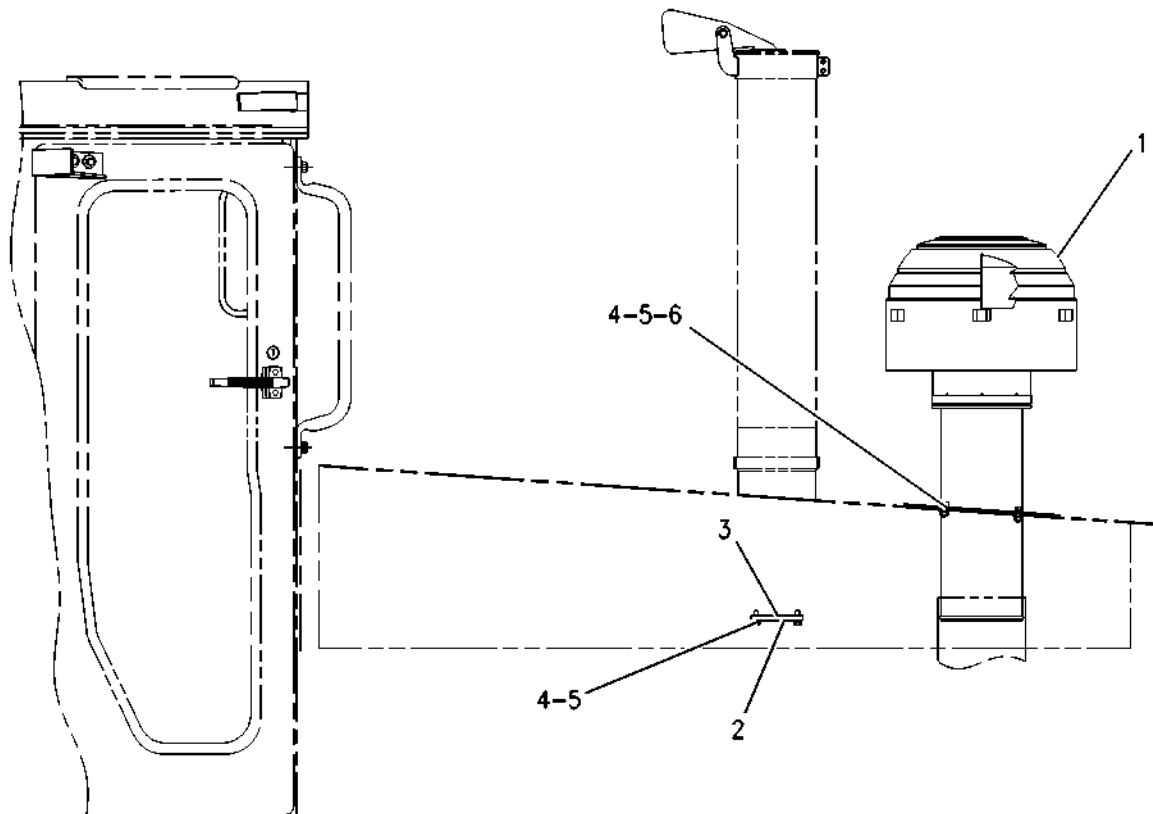
S/N: 7PZ1-UP
TURBINE-NO SCREEN
AN ATTACHMENT
TYPE 1

SMCS-1055

i01513096

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
C	1	1	203-9786	2	PRECLEANER AS (EACH INCLUDES)	
C		1	107-7495	2	DAMPER	
C	2	1	4W-5596	2	COVER	
C	3	1	7W-2478	2	GASKET	
C	4	1	4L-6454	12	BOLT (3/8-16X1 IN)	
C	5	1	8T-4896	20	WASHER-HARD (10.2X18.5X2.5MM THK)	
C	6	1	6V-8801	8	NUT (3/8-16 THD)	

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES
C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00787028

AIR INLET AND EXHAUST SYSTEM

102-4367 PRECLEANER AR

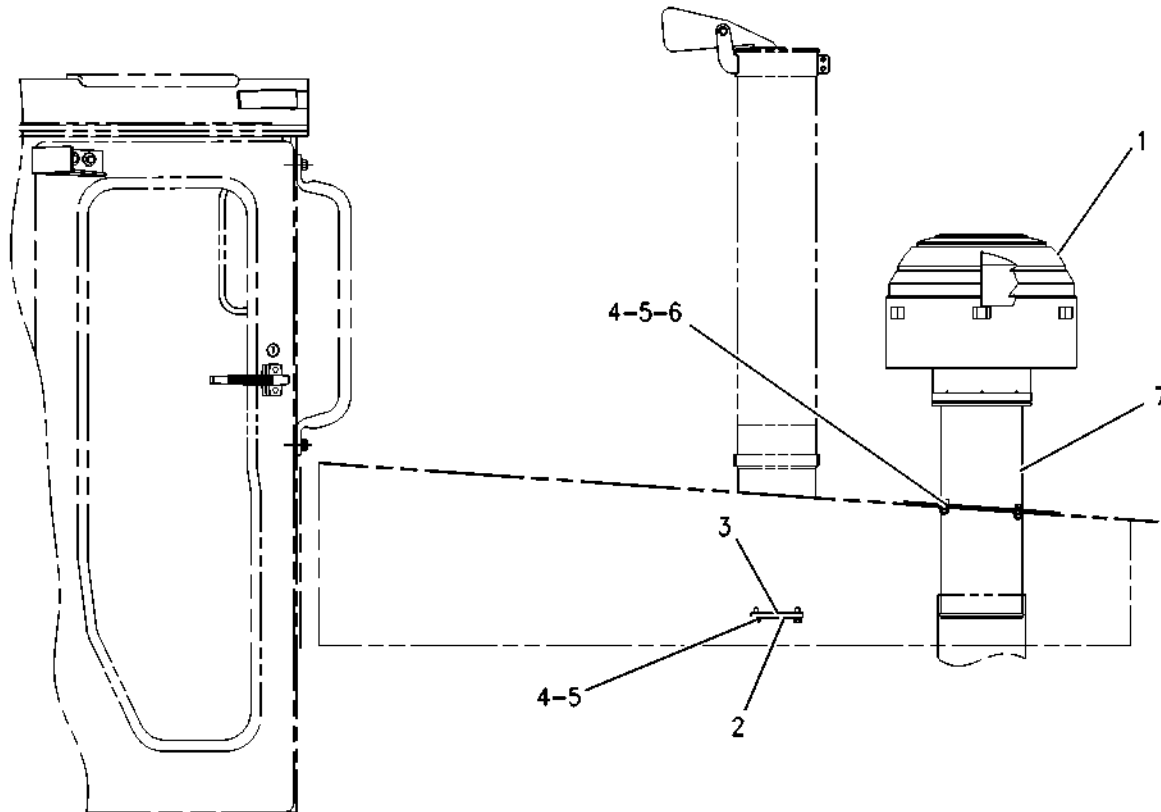
S/N: 7PZ1-UP
TURBINE-NO SCREEN
AN ATTACHMENT
TYPE 2

SMCS-1055

i01612574

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	207-5049	2	PRECLEANER AS (EACH INCLUDES)	
C		1	107-7495	2	DAMPER	
	2	1	4W-5596	2	COVER	
	3	1	7W-2478	2	GASKET	
C	4	1	4L-6454	4	BOLT (3/8-16X1 IN)	
C	5	1	8T-4896	12	WASHER-HARD (10.2X18.5X2.5MM THK)	
C	6	1	9B-7237	8	BOLT (3/8-16X1.25 IN)	
C	7	1	207-5048	2	PIPE AS (EACH INCLUDES)	
C		1	1F-0750	4	NUT-WELD (3/8-16 THD)	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00848410

AIR INLET AND EXHAUST SYSTEM

130-3281 PRECLEANER GP

S/N: 7PZ1-UP

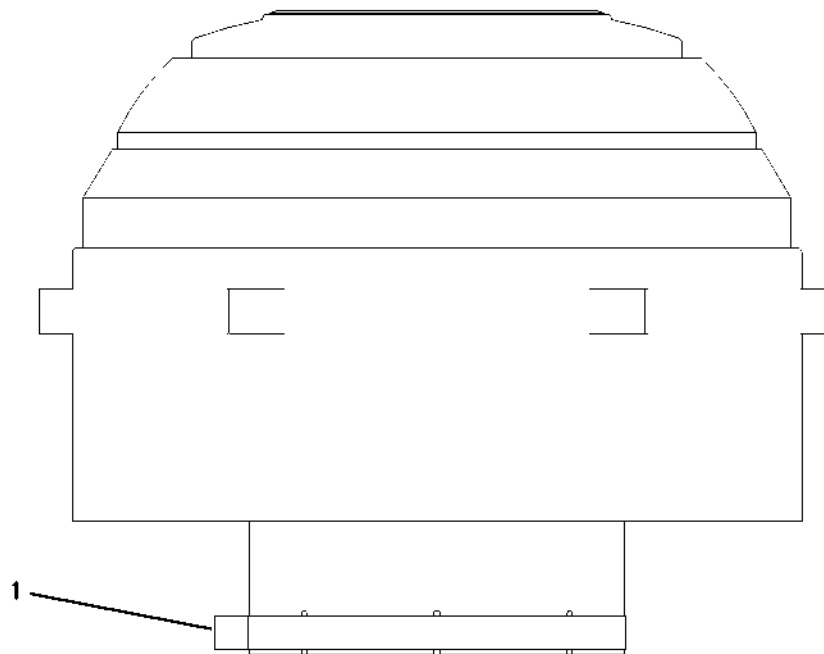
AIR-TURBINE

FIELD INSTALLATION

SMCS-1055

i01508321

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	174-4895	2	CLAMP						



GRAPHIC #1

<END>

g00658715

AIR INLET AND EXHAUST SYSTEM

230-1053 PRECLEANER GP

S/N: 7PZ682-UP

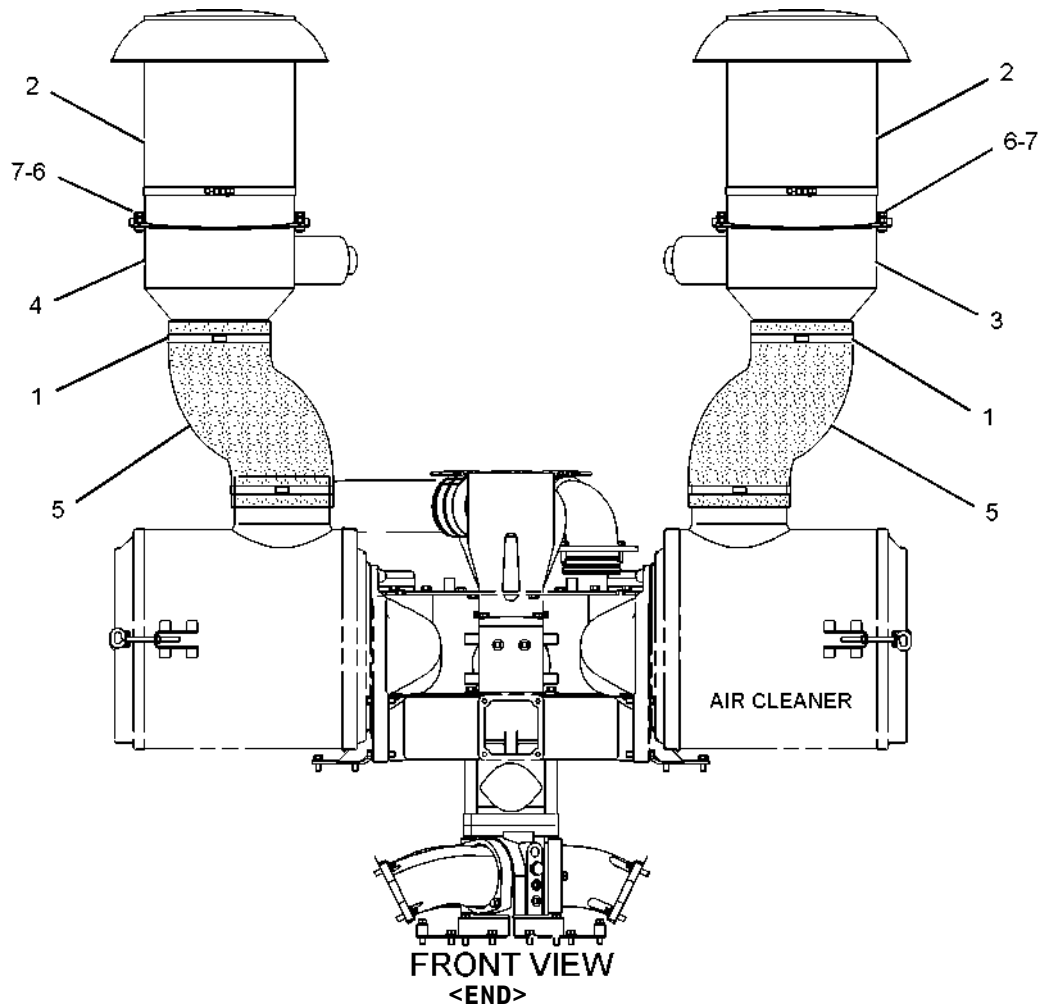
AIR

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1055

i01958582

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-4869	4	CLAMP-HOSE						
	2	1	7S-8817	2	PRECLEANER AS						
					(EACH INCLUDES)						
		1	0S-1591	1	BOLT (3/8-16X1.5 IN)						
			6V-8801	1	NUT (3/8-16 THD)						
	3	1	123-6857	1	BODY AS-PRECLEANER (LH)						
	4	1	123-6858	1	BODY AS-PRECLEANER (RH)						
	5	1	123-6922	2	ELBOW						
	6	1	5M-3062	8	BOLT (3/8-16X0.75 IN)						
	7	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)						



GRAPHIC #1

g01022824

AIR INLET AND EXHAUST SYSTEM

6I-1792 SHIELD GP-FUEL LINES

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1067

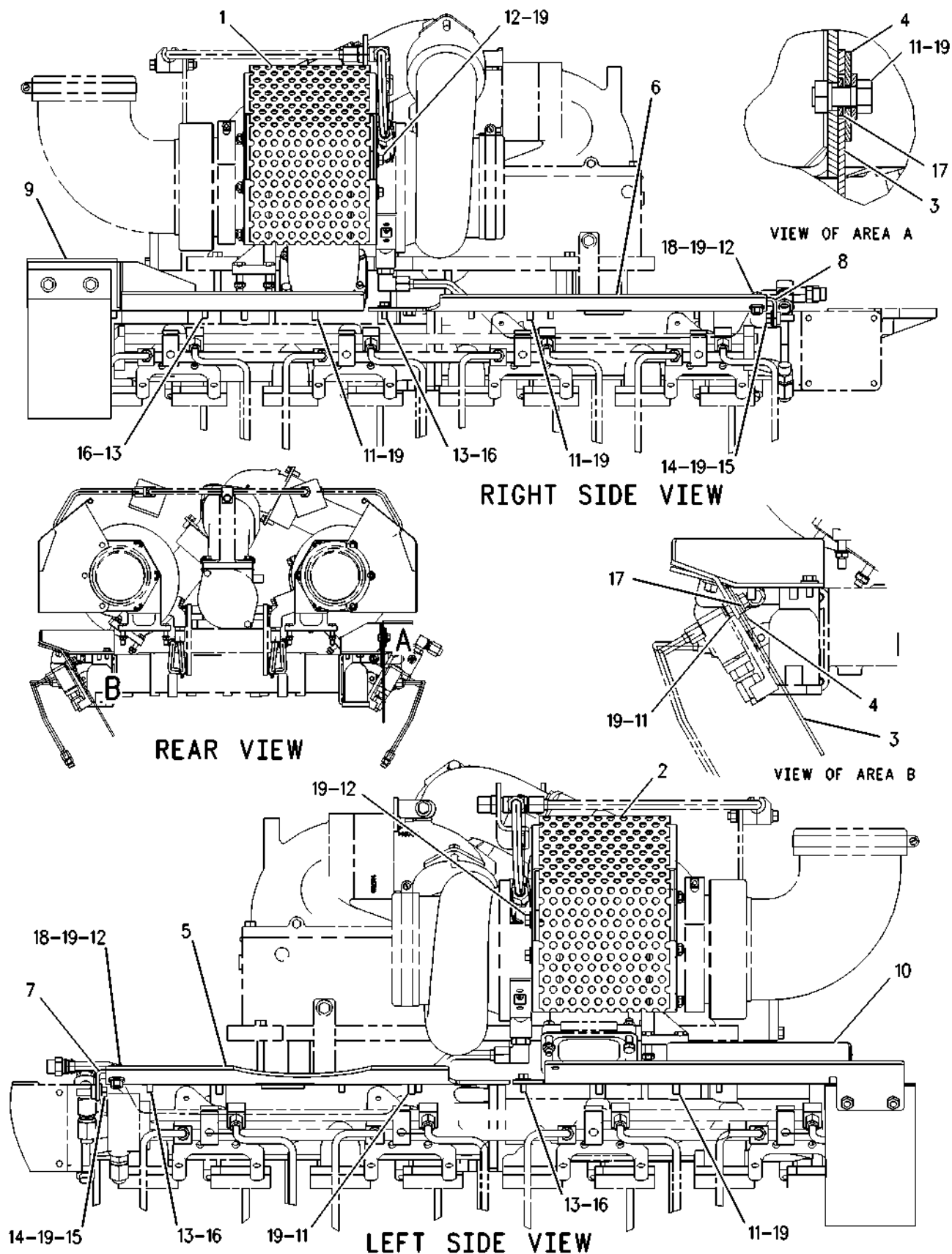
i01629783

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	152-6505	1	SHIELD AS (RH)	
	2	1	152-6506	1	SHIELD AS (LH)	
	3	1	154-3560	2	SHIELD	
	4	1	154-3561	2	STRAP	
C	5	1	169-7027	1	SHIELD (LEFT FRONT)	
C	6	1	169-7028	1	SHIELD AS (RIGHT FRONT)	
C	7	1	169-7030	1	BRACKET	
C	8	1	169-7033	1	BRACKET	
C	9	1	169-7161	1	SHIELD AS (RH)	
C	10	1	169-7162	1	SHIELD AS (LH)	
C	11	1	0L-1351	11	BOLT (3/8-16X0.875 IN)	
C	12	1	0S-1594	6	BOLT (3/8-16X1 IN)	
C	13	1	0S-1617	11	BOLT (5/16-18X0.75 IN)	
C	14	1	132-7551	2	SPACER (11X19X6MM THK)	
	15	1	3B-1915	2	BOLT (3/8-16X1.37 IN)	
C	16	1	3E-4352	11	WASHER-HARD (8.8X20.5X2.5MM THK)	
	17	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	18	1	9S-8752	2	NUT-FULL (3/8-16 THD)	
C	19	1	9X-6458	21	WASHER-HARD (10.2X22.5X3MM THK)	
C-CHANGE FROM PREVIOUS TYPE						

AIR INLET AND EXHAUST SYSTEM

6I-1792 SHIELD GP-FUEL LINES (contd.)

101629783



GRAPHIC #1

<END>

g00876724

AIR INLET AND EXHAUST SYSTEM

133-5951 SHIELD GP-MANIFOLD

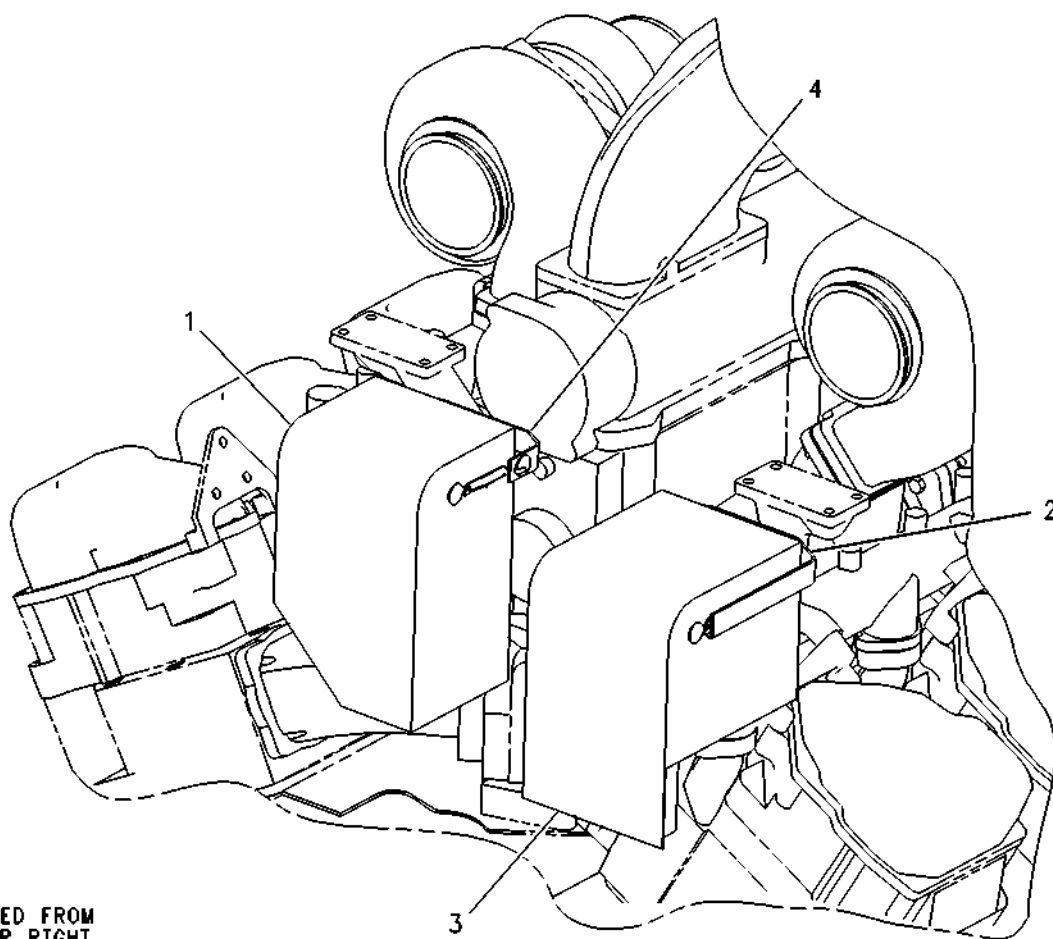
S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1067

i02001815

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	129-9541	1	SHIELD AS-MANIFOLD						
	2	1	133-5952	1	STRAP AS						
	3	1	133-5953	1	SHIELD AS-MANIFOLD						
	4	1	133-5954	1	STRAP AS						



VIEWED FROM
UPPER RIGHT
REAR OF ENGINE

GRAPHIC #1

<END>

g00274203

AIR INLET AND EXHAUST SYSTEM

135-3103 SUPPORT GP-AIR INLET-RH

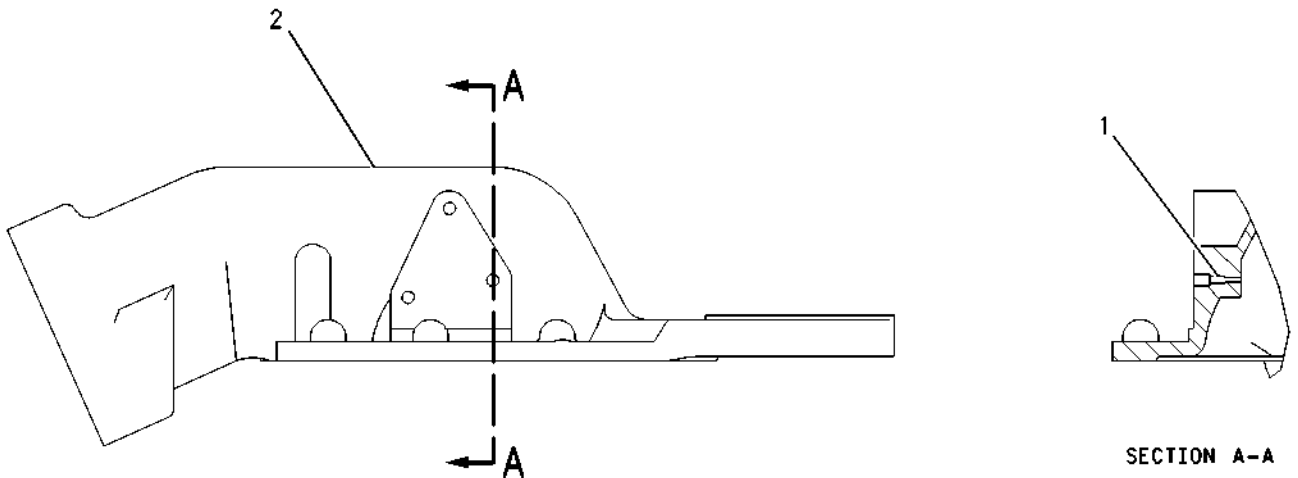
S/N: 7PZ1-681

PART OF 123-6853 AIR CLEANER GP

SMCS-1051, 1087

i01988503

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7M-1674	1	ELEMENT-FILTER (AIR INLET SUPPORT)						
	2	1	112-6042	1	SUPPORT-AIR CLEANER						



GRAPHIC #1

<END>

g00657573

AIR INLET AND EXHAUST SYSTEM

135-3104 SUPPORT GP-AIR INLET-LH

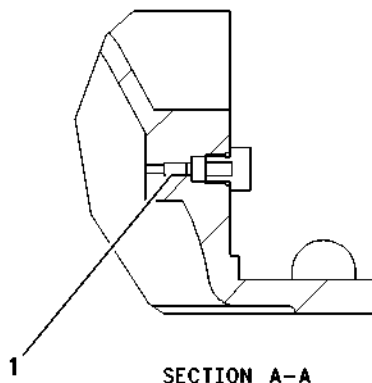
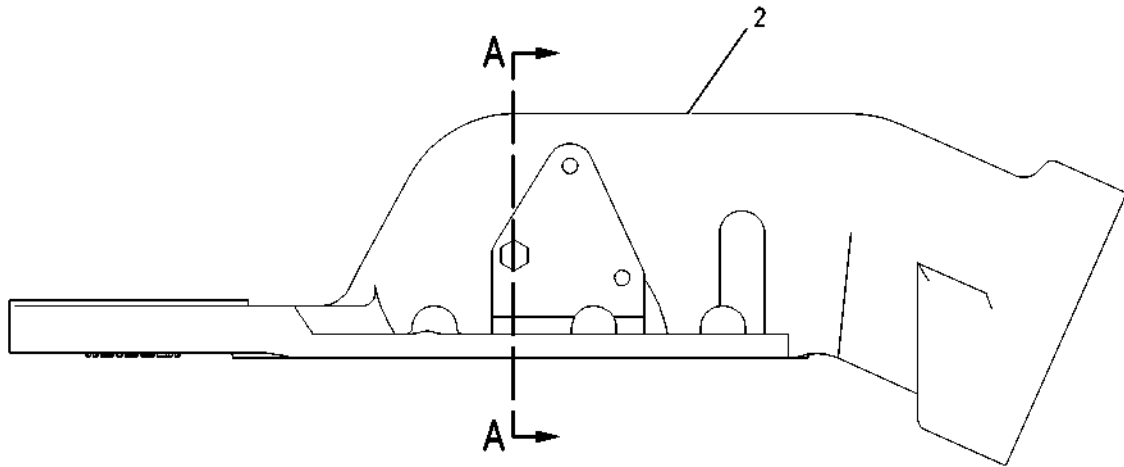
S/N: 7PZ1-681

PART OF 123-6853 AIR CLEANER GP

SMCS-1051, 1087

i01988505

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7M-1674	1	ELEMENT-FILTER (AIR INLET SUPPORT)						
	2	1	112-6041	1	SUPPORT-AIR CLEANER						



GRAPHIC #1

<END>

g00644999

AIR INLET AND EXHAUST SYSTEM

169-4801 TURBOCHARGER GP

S/N: 2GR1180-3777

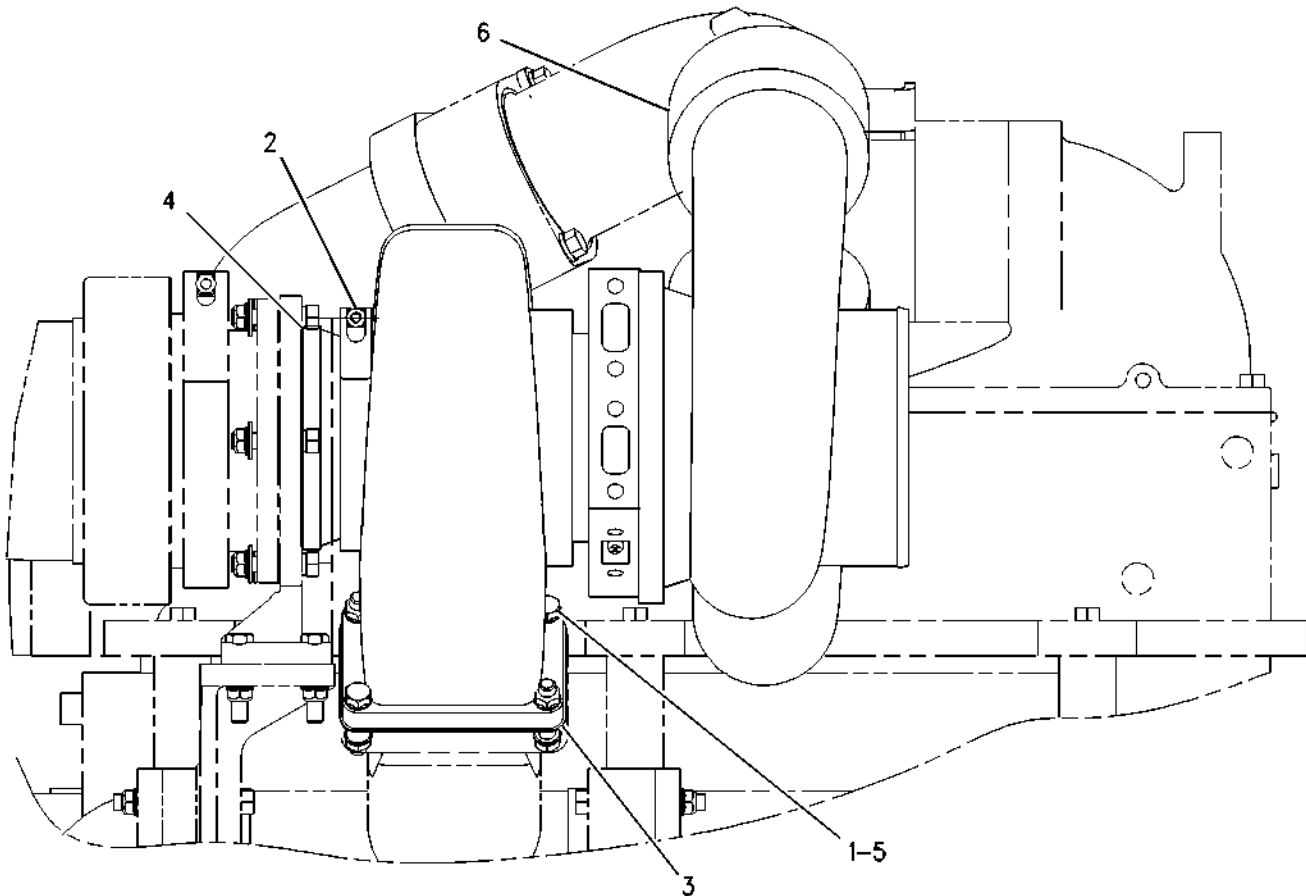
PART OF 155-5556 ENGINE AR

SMCS-1052, 1053

i02008978

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2N-2765	8	BOLT-HIGH TEMPERATURE (3/8-16X1.75 IN)	
	2	1	6L-3005	2	CLAMP-BAND	
					(EACH INCLUDES)	
		1	8T-0122	1	NUT-FULL (1/4-28 THD)	
	3	1	121-5736	2	GASKET	
	4	1	124-5514	2	COUPLING-EXHAUST	
	5	1	168-7800	8	LOCKNUT (3/8-16 THD)	
YR	6	1	174-7087	2	TURBOCHARGER GP	195

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00687318

AIR INLET AND EXHAUST SYSTEM

169-4801 TURBOCHARGER GP

S/N: 2GR3778-4242, 4244-4315, 4317-4322, 4324-4366, 4368-4387, 4389-4419

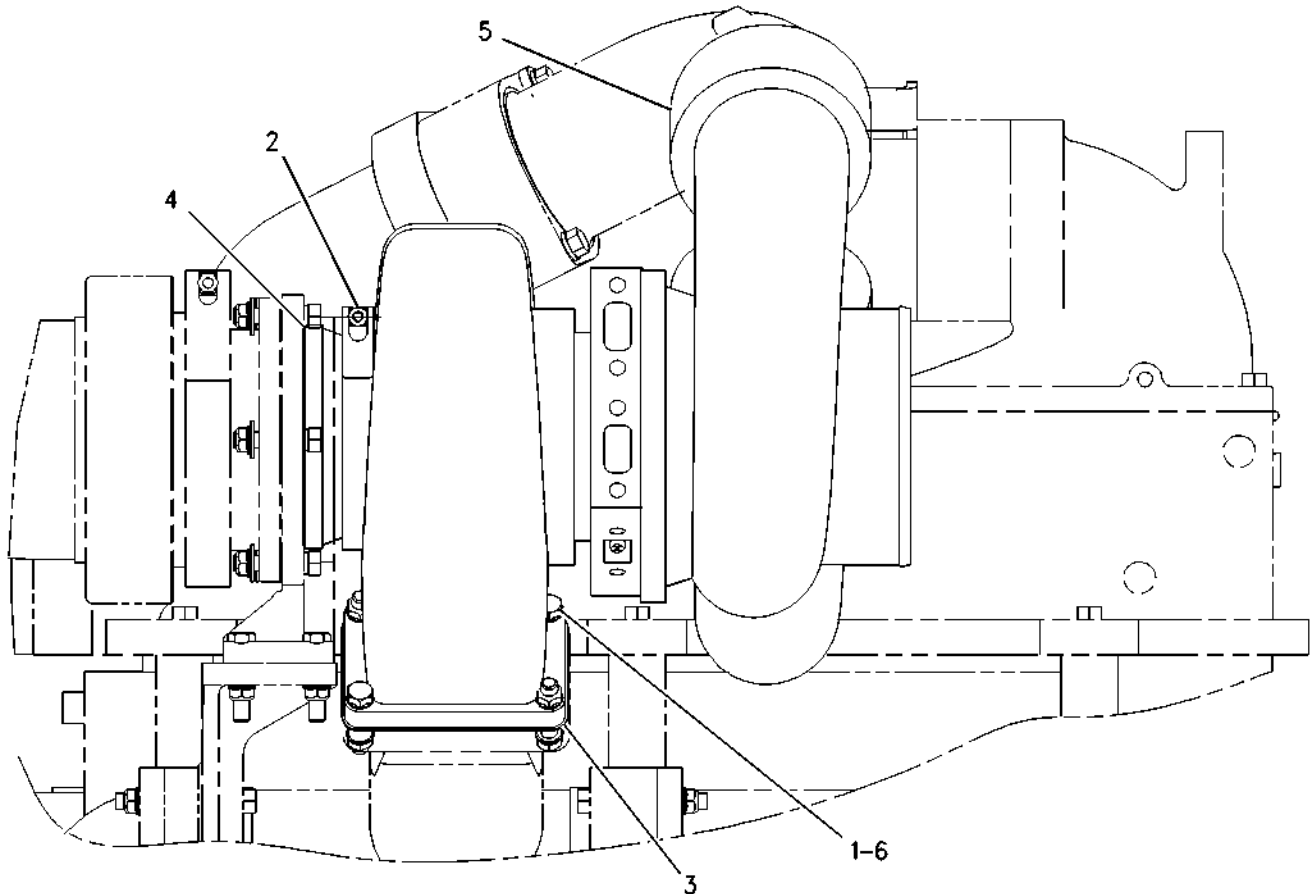
PART OF 155-5556 ENGINE AR

SMCS-1052, 1053

i02008990

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2N-2765	8	BOLT-HIGH TEMPERATURE (3/8-16X1.75 IN)	
	2	1	6L-3005	2	CLAMP-BAND	
					(EACH INCLUDES)	
		1	8T-0122	1	NUT-FULL (1/4-28 THD)	
	3	1	121-5736	2	GASKET	
	4	1	124-5514	2	COUPLING-EXHAUST	
CYR	5	1	204-5476	2	TURBOCHARGER GP	196
C	6	1	2N-2766	8	LOCKNUT (3/8-16 THD) (HIGH TEMPERATURE)	

C-CHANGE FROM PREVIOUS TYPE
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00868973

AIR INLET AND EXHAUST SYSTEM

169-4801 TURBOCHARGER GP

S/N: 2GR4243, 4316, 4323, 4367, 4388, 4420-UP

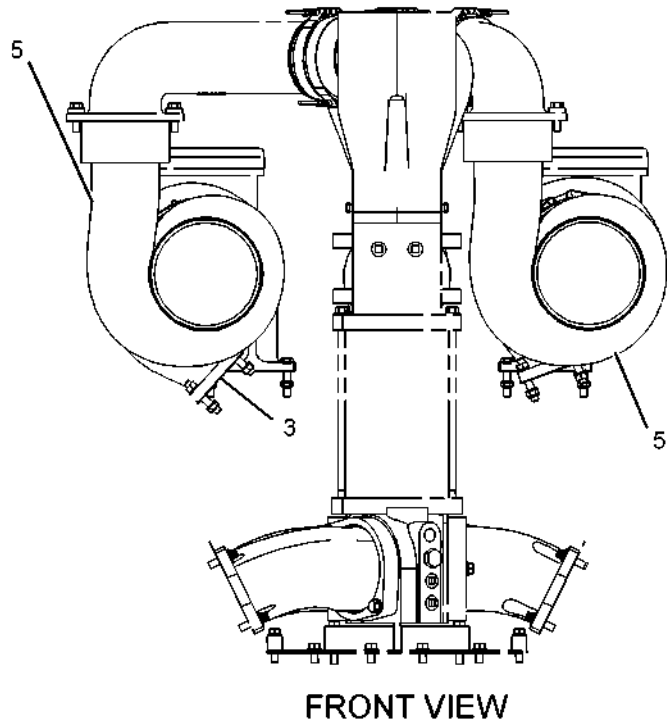
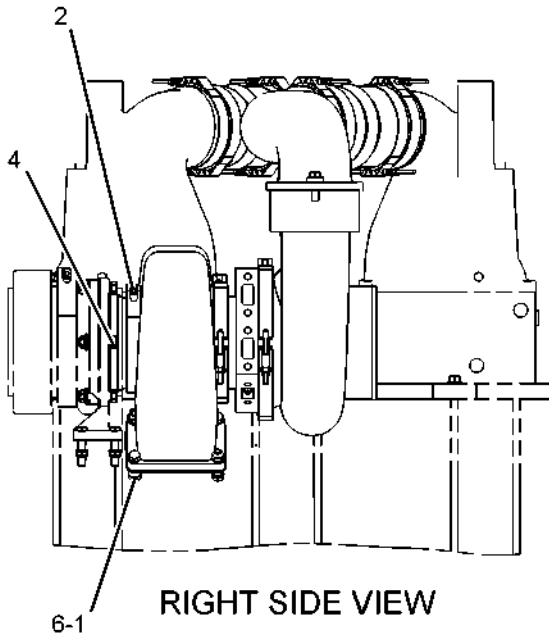
PART OF 155-5556 ENGINE AR

SMCS-1052, 1053

i02008992

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2N-2765	8	BOLT-HIGH TEMPERATURE (3/8-16X1.75 IN)	
	2	1	6L-3005	2	CLAMP-BAND	
					(EACH INCLUDES)	
		1	8T-0122	1	NUT-FULL (1/4-28 THD)	
	3	1	121-5736	2	GASKET	
	4	1	124-5514	2	COUPLING-EXHAUST	
CYR	5	1	230-1060	2	TURBOCHARGER GP	197
	6	1	2N-2766	8	LOCKNUT (3/8-16 THD) (HIGH TEMPERATURE)	

C- CHANGE FROM PREVIOUS TYPE
R- REMFG PART MAY BE AVAILABLE
Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01008928

AIR INLET AND EXHAUST SYSTEM

174-7087 TURBOCHARGER GP*R

S/N: 2GR1180-3777

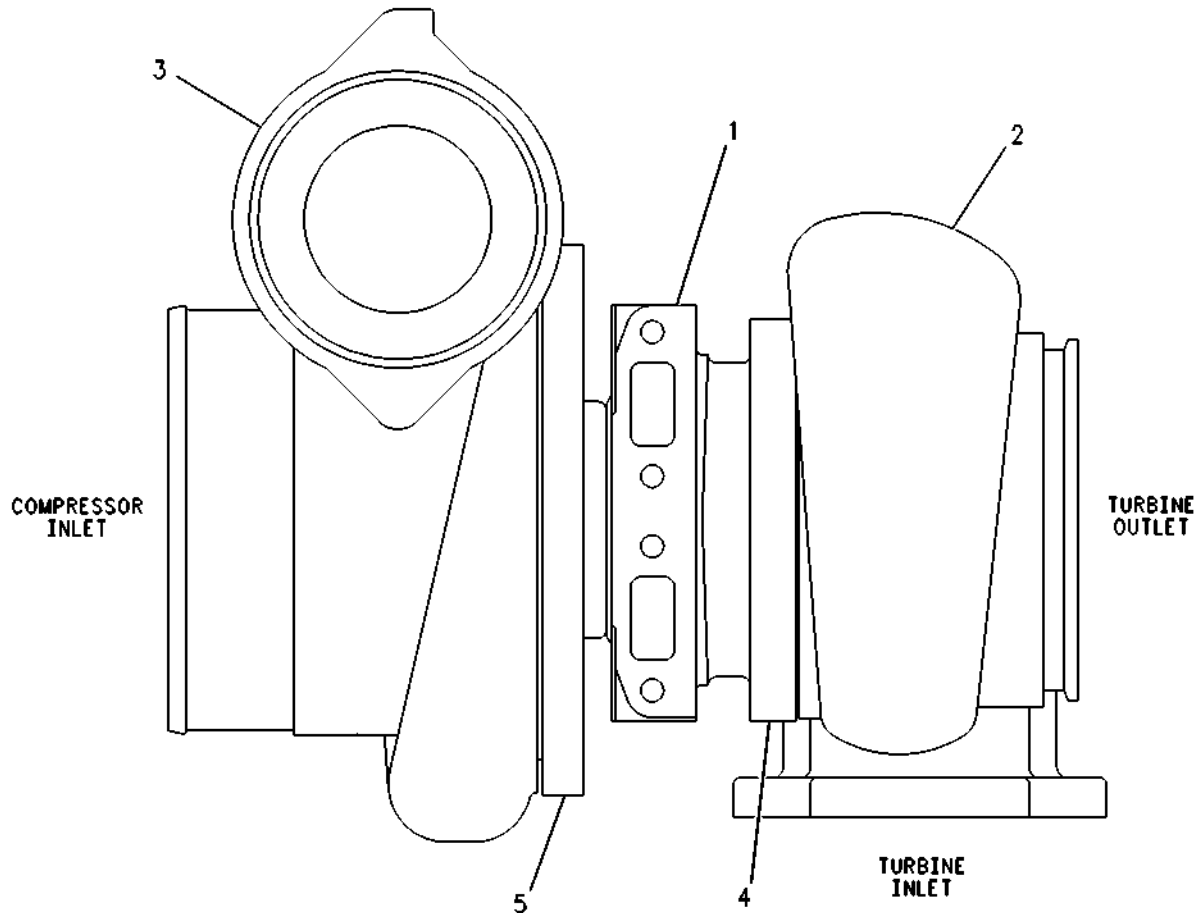
PART OF 169-4801 TURBOCHARGER GP

SMCS-1052, 1053

i02008995

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	174-7086	1	CARTRIDGE GP-TURBOCHARGER						
	2	1	115-3525	1	HOUSING-TURBINE						
	3	1	136-6302	1	COVER-COMPRESSOR						
	4	1	9N-2038	1	CLAMP AS (TURBINE) (TURBINE)						
		1	7M-9918	1	LOCKNUT (1/4-28 THD)						
	5	1	4W-9977	1	CLAMP AS (COMPRESSOR) (COMPRESSOR)						
		1	7M-9918	1	LOCKNUT (1/4-28 THD)						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00273019

AIR INLET AND EXHAUST SYSTEM

204-5476 TURBOCHARGER GP

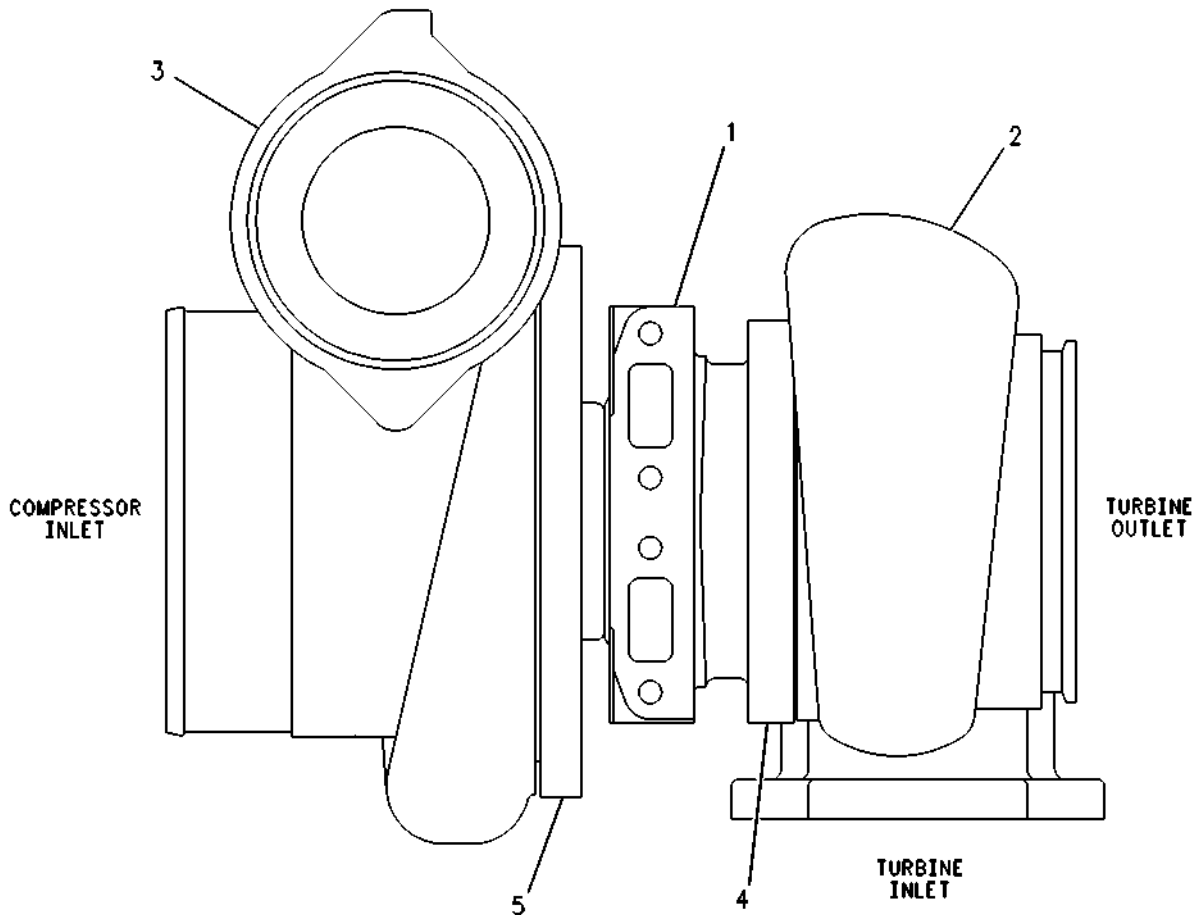
S/N: 2GR3778-4242, 4244-4315, 4317-4322, 4324-4366, 4368-4387, 4389-4419

PART OF 169-4801 TURBOCHARGER GP

SMCS-1052, 1053

i01678706

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-5480	1	CARTRIDGE GP-TURBOCHARGER						
	2	1	115-3525	1	HOUSING-TURBINE						
	3	1	210-2541	1	COVER (COMPRESSOR)						
	4	1	9N-2038	1	CLAMP AS (TURBINE)						
		1	7M-9918	1	LOCKNUT (1/4-28 THD)						
	5	1	4W-9977	1	CLAMP AS (COMPRESSOR)						
		1	7M-9918	1	LOCKNUT (1/4-28 THD)						



GRAPHIC #1

<END>

g00273019

AIR INLET AND EXHAUST SYSTEM

230-1060 TURBOCHARGER GP*R

S/N: 2GR4243, 4316, 4323, 4367, 4388, 4420-UP

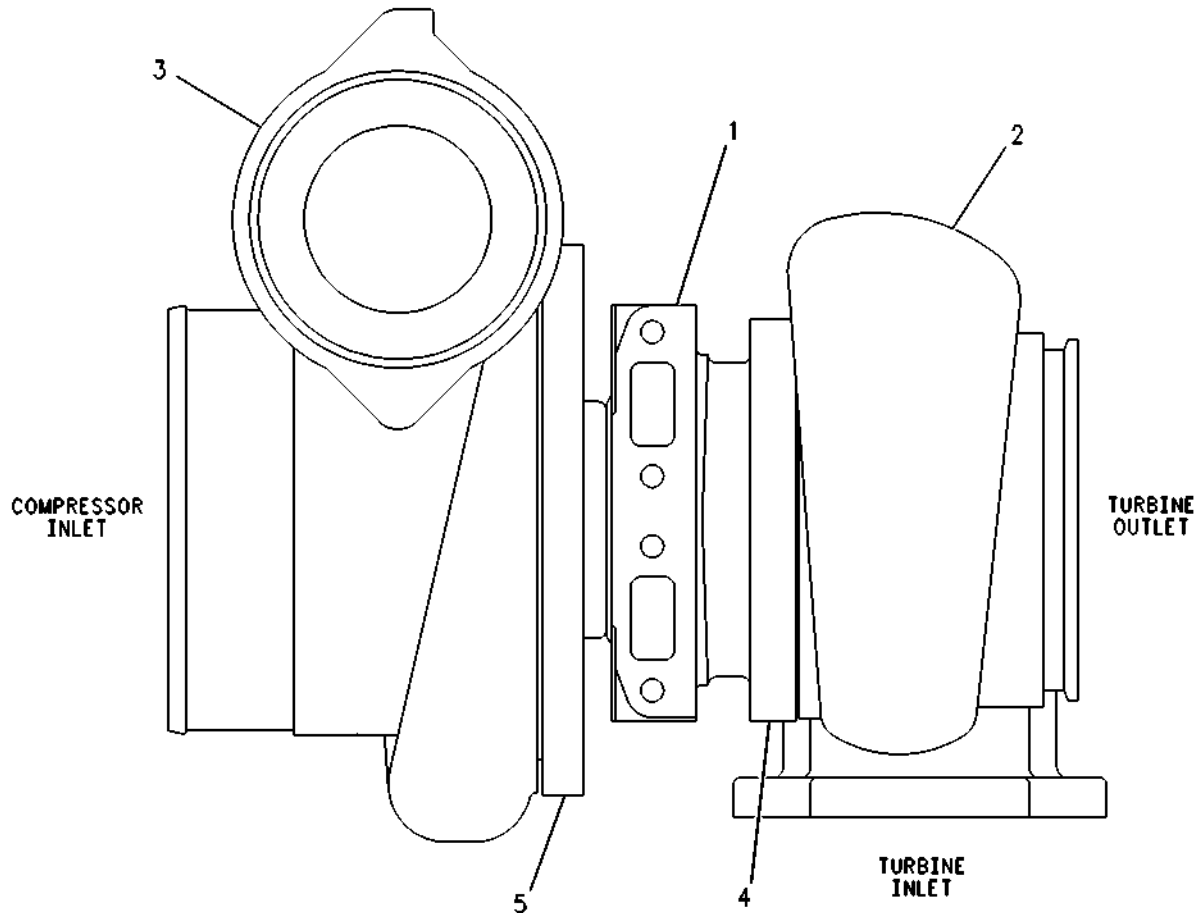
PART OF 169-4801 TURBOCHARGER GP

SMCS-1052, 1053

i02009000

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	204-5480	1	CARTRIDGE GP-TURBOCHARGER						
	2	1	115-3525	1	HOUSING-TURBINE						
	3	1	230-1061	1	COVER (COMPRESSOR)						
	4	1	9N-2038	1	CLAMP AS (TURBINE)						
		1	7M-9918	1	LOCKNUT (1/4-28 THD)						
	5	1	4W-9977	1	CLAMP AS (COMPRESSOR)						
		1	7M-9918	1	LOCKNUT (1/4-28 THD)						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00273019

FUEL SYSTEM

205 - 7303 ADAPTER-FAST FILL FUEL

S/N: 7PZ1-UP

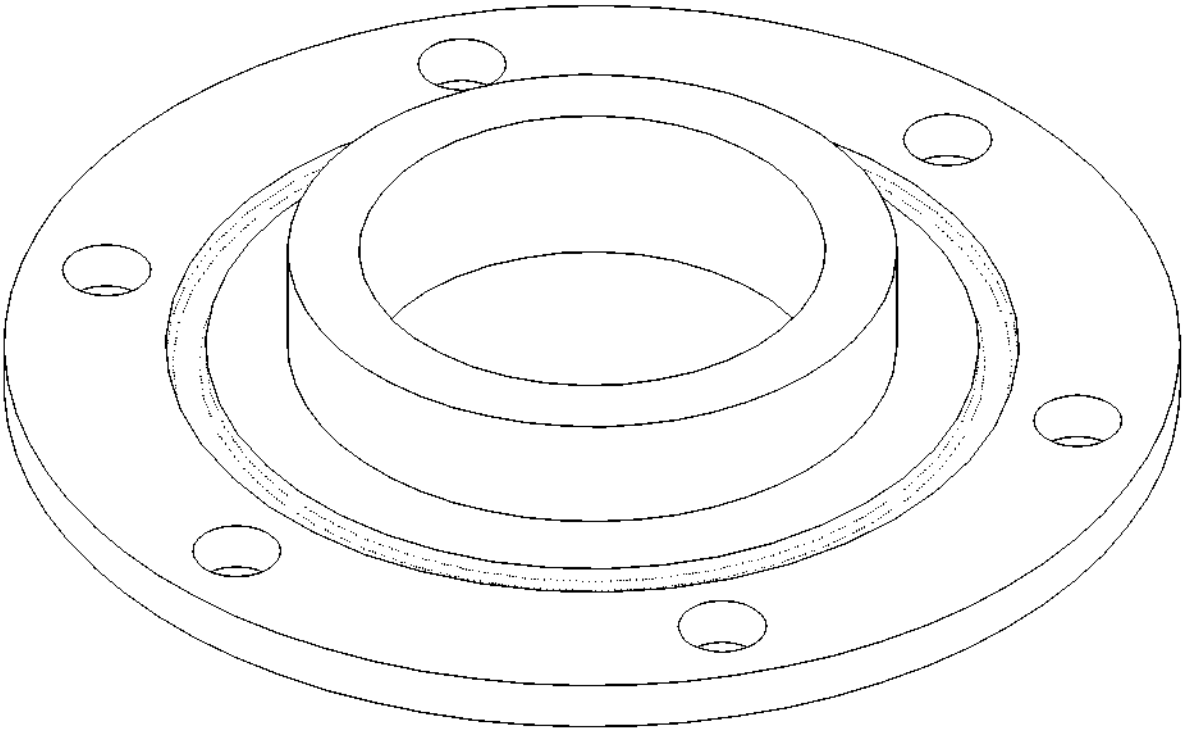
VENT AS

FIELD INSTALLATION

SMCS-1710

i01663763

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
(NO SERVICED PARTS)											



GRAPHIC #1

<END>

g00859063

FUEL SYSTEM

8E-8862 ADAPTER GP-FAST FILL FUEL

S/N: 7PZ1-UP

FOR USE WITH MACHINES EQUIPPED WITH RIPPER
AN ATTACHMENT

SMCS-1710

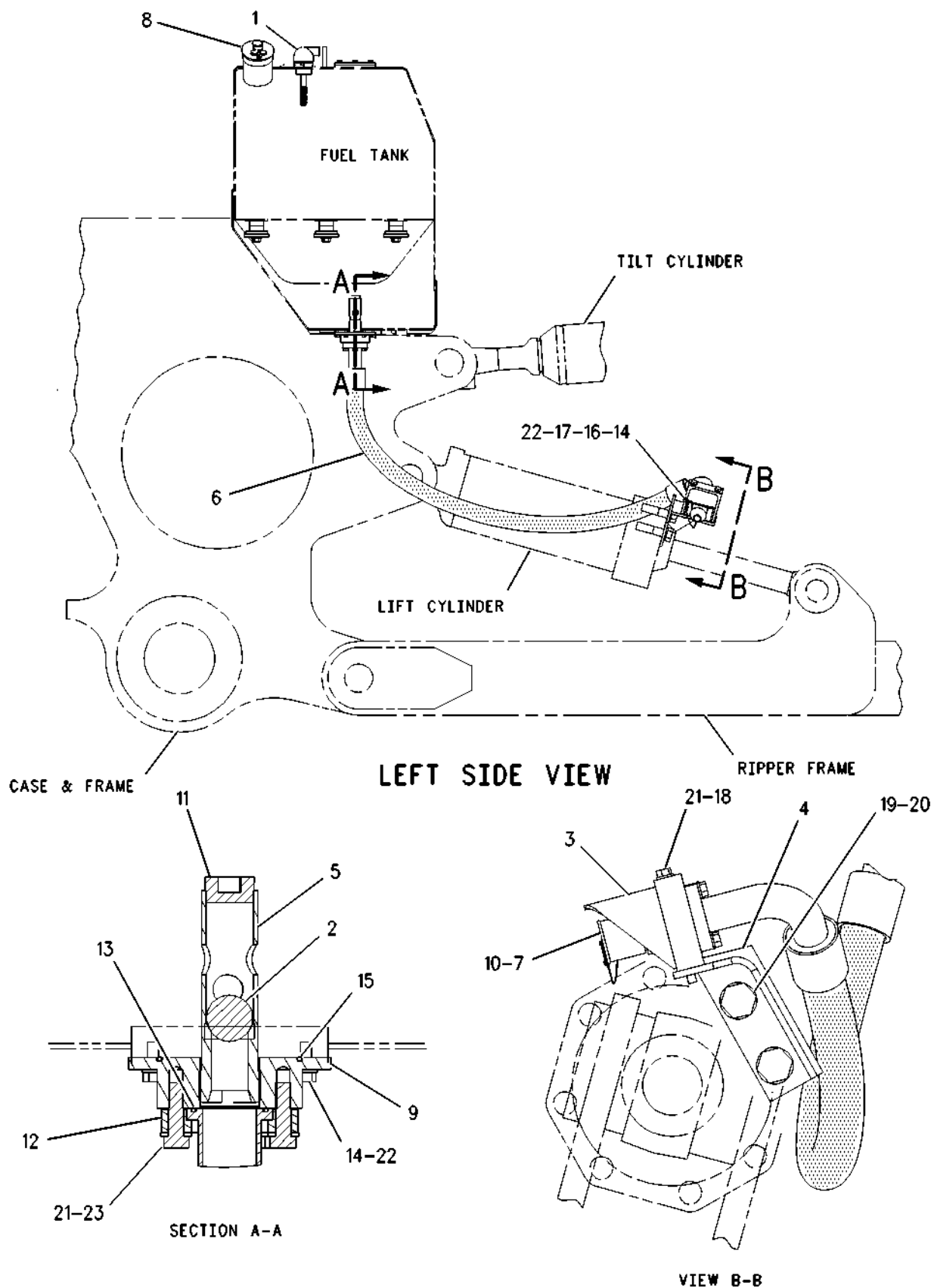
i01988498

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	6G-7803	1	VENT AS						
	2	1	6V-9273	1	BALL						
	3	1	6Y-0091	1	BLOCK AS						
	4	1	6Y-0677	1	BRACKET AS						
		1	1F-0748	2	NUT-WELD (1/2-13 THD)						
	5	1	7T-2413	1	SHAFT						
I	6	1	8E-3234	1	HOSE AS						
	7	1	9D-0630	1	CAP-DUST						
	8	1	101-8909	1	CAP AS-FUEL TANK FILLER (LOCKING)						
		1	9X-8600	1	SEAL-O-RING						
C	9	1	183-3202	1	ADAPTER						
	10	1	217-5703	1	VALVE AS-TANK (FAST FILL FUEL)						
	11	1	1B-5170	1	PLUG-PIPE						
	12	1	1P-4582	4	FLANGE-HALF						
	13	1	4J-0527	2	SEAL-O-RING						
C	14	1	4L-6454	7	BOLT (3/8-16X1 IN)						
C	15	1	5H-6734	1	SEAL-O-RING						
	16	1	6V-2686	1	CLIP						
	17	1	6V-8801	1	NUT (3/8-16 THD)						
	18	1	7X-0340	2	BOLT (1/2-13X6.5 IN)						
	19	1	7X-0445	2	BOLT (1/1/4-7X5 IN)						
	20	1	7X-0533	2	WASHER-HARD (34X55X6MM THK)						
	21	1	8T-4223	10	WASHER-HARD (13.5X25.5X3MM THK)						
C	22	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)						
	23	1	8T-8919	8	BOLT (1/2-13X1.75 IN)						
AVAILABLE REPAIR KIT(S):											
J			5T-8645	1	KIT-VENT (FAST FILL FUEL ADAPTER)						
(INCLUDES BALL CAGE, CLAMP, BODY SEAL, 2 HOLLOW BALLS, 1 SOLID BALL, 2 ROLL PINS,											
SCREEN, VALVE SEAL, COVER AND (2) O-RING SEALS)											
C-CHANGE FROM PREVIOUS TYPE											
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
J-REPAIR KIT(S) MARKED J AVAILABLE FOR PART MARKED J											

FUEL SYSTEM

8E-8862 ADAPTER GP-FAST FILL FUEL (contd.)

i01988498



GRAPHIC #1

<END>

g00881967

FUEL SYSTEM

102-9881 ADAPTER GP-FAST FILL FUEL

S/N: 7PZ1-UP

FOR USE WITH MACHINES EQUIPPED WITH TRANSMISSION GUARD
AN ATTACHMENT

SMCS-1710

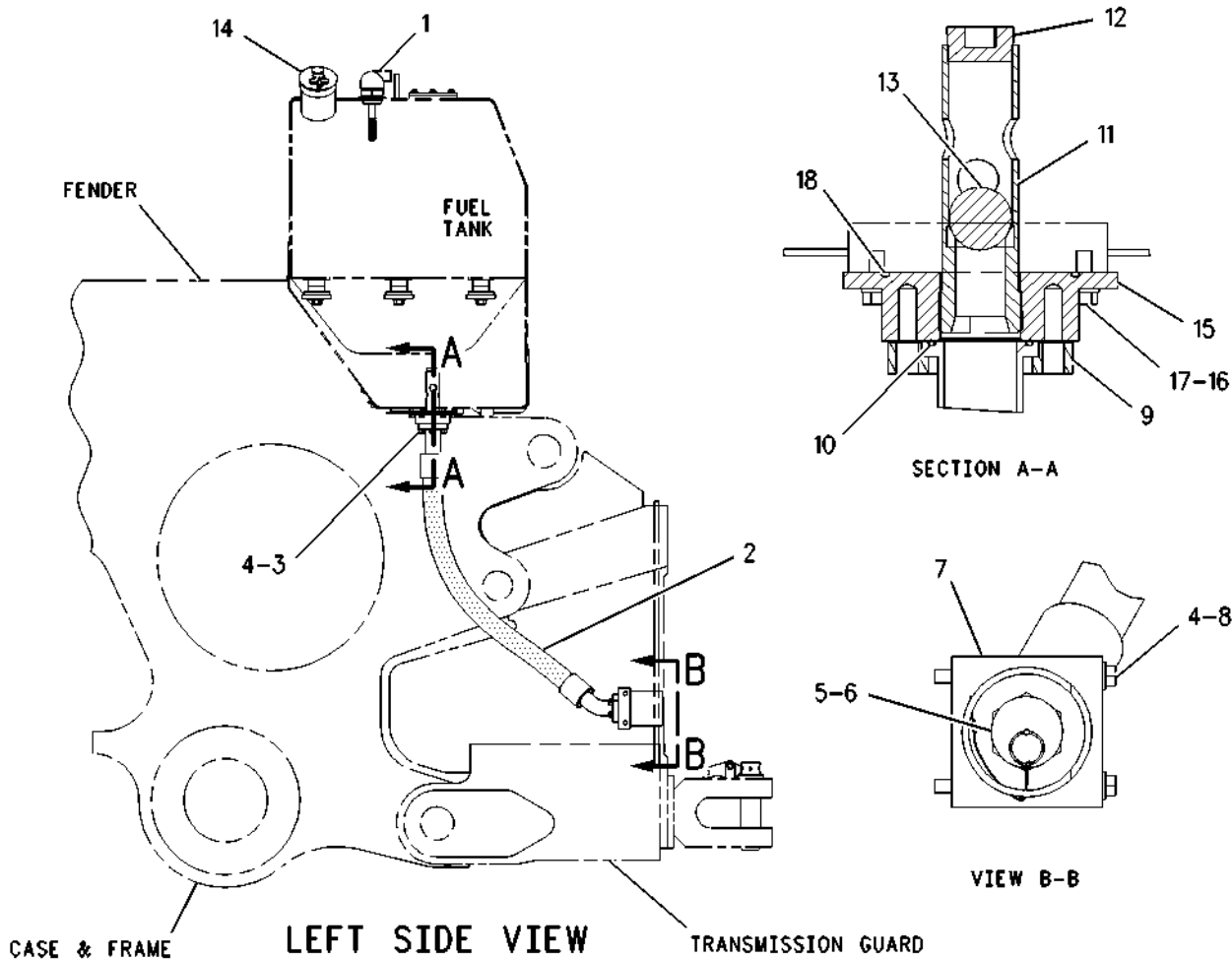
i01989508

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
J	1	1	6G-7803	1	VENT AS	
I	2	1	154-6560	1	HOSE AS	
	3	1	8T-8919	8	BOLT (1/2-13X1.75 IN)	
	4	1	8T-4223	10	WASHER-HARD (13.5X25.5X3MM THK)	
	5	1	9D-0630	1	CAP-DUST	
Y	6	1	2G-9000	1	VALVE AS-TANK (FAST FILL FUEL)	862
	7	1	9G-0371	1	BLOCK AS	
	8	1	7X-0339	2	BOLT (1/2-13X6.25 IN)	
	9	1	1P-4582	4	FLANGE-HALF	
	10	1	4J-0527	2	SEAL-O-RING	
	11	1	7T-2413	1	SHAFT	
	12	1	1B-5170	1	PLUG-PIPE	
	13	1	6V-9273	1	BALL	
	14	1	101-8909	1	CAP AS-FUEL TANK FILLER (LOCKING)	
		1	9X-8600	1	SEAL-O-RING	
C	15	1	183-3202	1	ADAPTER	
C	16	1	8T-4896	6	WASHER-HARD (10.2X18.5X2.5MM THK)	
C	17	1	4L-6454	6	BOLT (3/8-16X1 IN)	
C	18	1	5H-6734	1	SEAL-O-RING	
AVAILABLE REPAIR KIT(S) :						
J			5T-8645	1	KIT-VENT (FAST FILL FUEL ADAPTER)	
					(INCLUDES BALL CAGE, CLAMP, BODY SEAL, 2 HOLLOW BALLS, 1 SOLID BALL, 2 ROLL PINS, SCREEN, VALVE SEAL, COVER, & 2 O-RING SEALS)	
C-CHANGE FROM PREVIOUS TYPE						
I-REFER TO HYDRAULIC INFORMATION SYSTEM						
J-REPAIR KIT(S) MARKED J AVAILABLE FOR PART MARKED J						
Y-SEPARATE ILLUSTRATION						

FUEL SYSTEM

102-9881 ADAPTER GP - FAST FILL FUEL (contd.)

i01989508



GRAPHIC #1

<END>

g00687319

FUEL SYSTEM

102-9882 ADAPTER GP-FAST FILL FUEL

S/N: 7PZ1-UP

FOR USE WITH MACHINES EQUIPPED WITH REAR COUNTERWEIGHT
AN ATTACHMENT

SMCS-1710

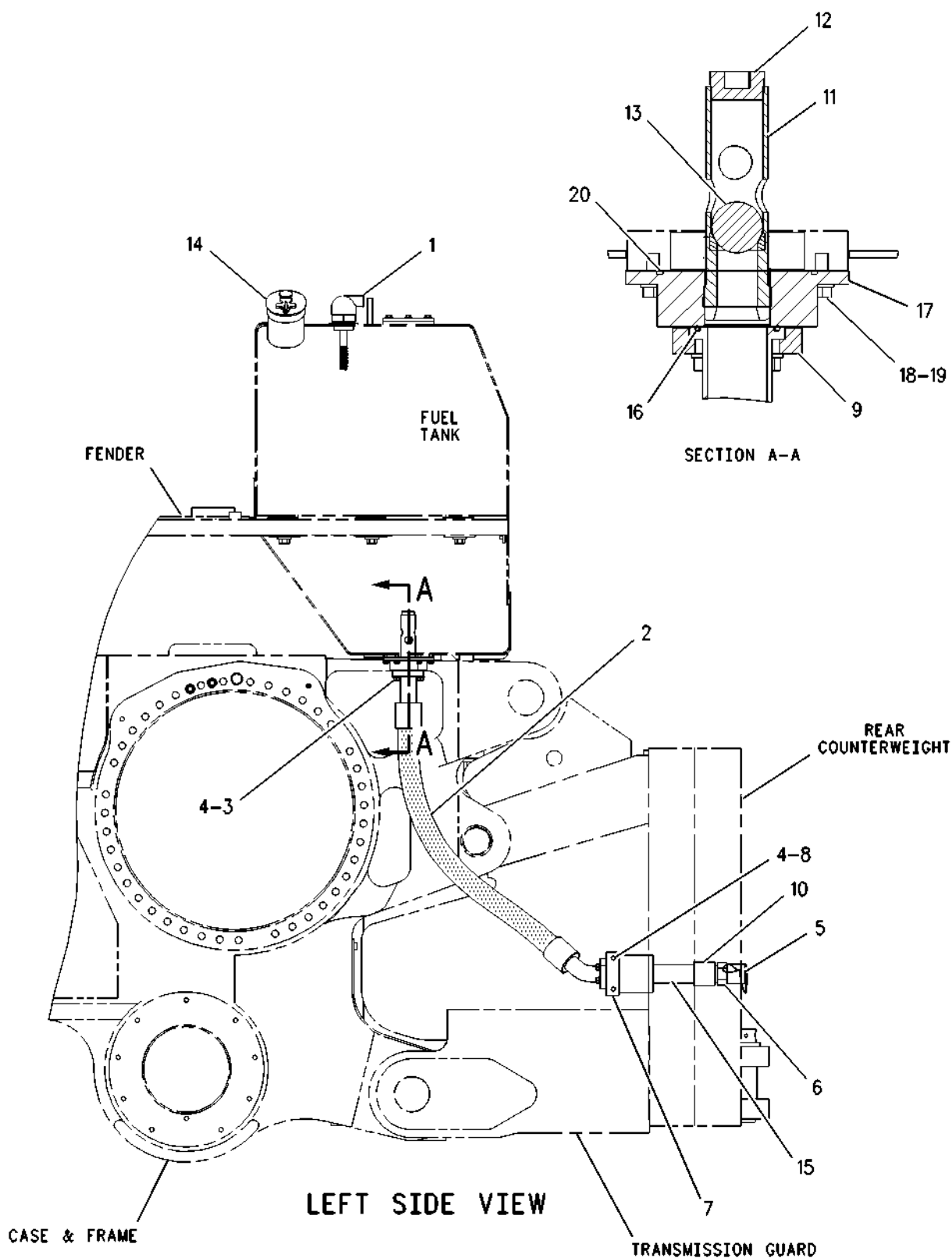
i01989509

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
J	1	1	6G-7803	1	VENT AS	
I	2	1	154-6560	1	HOSE AS	
	3	1	8T-8919	8	BOLT (1/2-13X1.75 IN)	
	4	1	8T-4223	10	WASHER-HARD (13.5X25.5X3MM THK)	
	5	1	9D-0630	1	CAP-DUST	
	6	1	217-5703	1	VALVE AS-TANK (FAST FILL FUEL)	
	7	1	9G-0371	1	BLOCK AS	
	8	1	7X-0339	2	BOLT (1/2-13X6.25 IN)	
	9	1	1P-4582	4	FLANGE-HALF	
	10	1	022-0234	1	COUPLING	
	11	1	7T-2413	1	SHAFT	
	12	1	1B-5170	1	PLUG-PIPE	
	13	1	6V-9273	1	BALL	
	14	1	101-8909	1	CAP AS-FUEL TANK FILLER (LOCKING)	
		1	9X-8600	1	SEAL-O-RING	
	15	1	8T-3510	1	NIPPLE-PIPE	
	16	1	4J-0527	2	SEAL-O-RING	
C	17	1	183-3202	1	ADAPTER	
C	18	1	4L-6454	6	BOLT (3/8-16X1 IN)	
C	19	1	8T-4896	6	WASHER-HARD (10.2X18.5X2.5MM THK)	
C	20	1	5H-6734	1	SEAL-O-RING	
AVAILABLE REPAIR KIT(S):						
J			5T-8645	1	KIT-VENT (FAST FILL FUEL ADAPTER)	
(INCLUDES BALL CAGE, CLAMP, BODY SEAL, 2 HOLLOW BALLS, 1 SOLID BALL, 2 ROLL PINS, SCREEN, VALVE SEAL, COVER & 2 O-RING SEALS)						
C-CHANGE FROM PREVIOUS TYPE						
I-REFER TO HYDRAULIC INFORMATION SYSTEM						
J-REPAIR KIT(S) MARKED J AVAILABLE FOR PART MARKED J						

FUEL SYSTEM

102-9882 ADAPTER GP - FAST FILL FUEL (contd.)

i01989509



GRAPHIC #1

<END>

g00687325

FUEL SYSTEM

172-9210 ADAPTER GP-FAST FILL FUEL

S/N: 7PZ1-UP

FOR USE WITH MACHINES EQUIPPED WITH RIPPER, 4C-6716 FILLER AS-FUEL
AN ATTACHMENT

SMCS-1710

i01988496

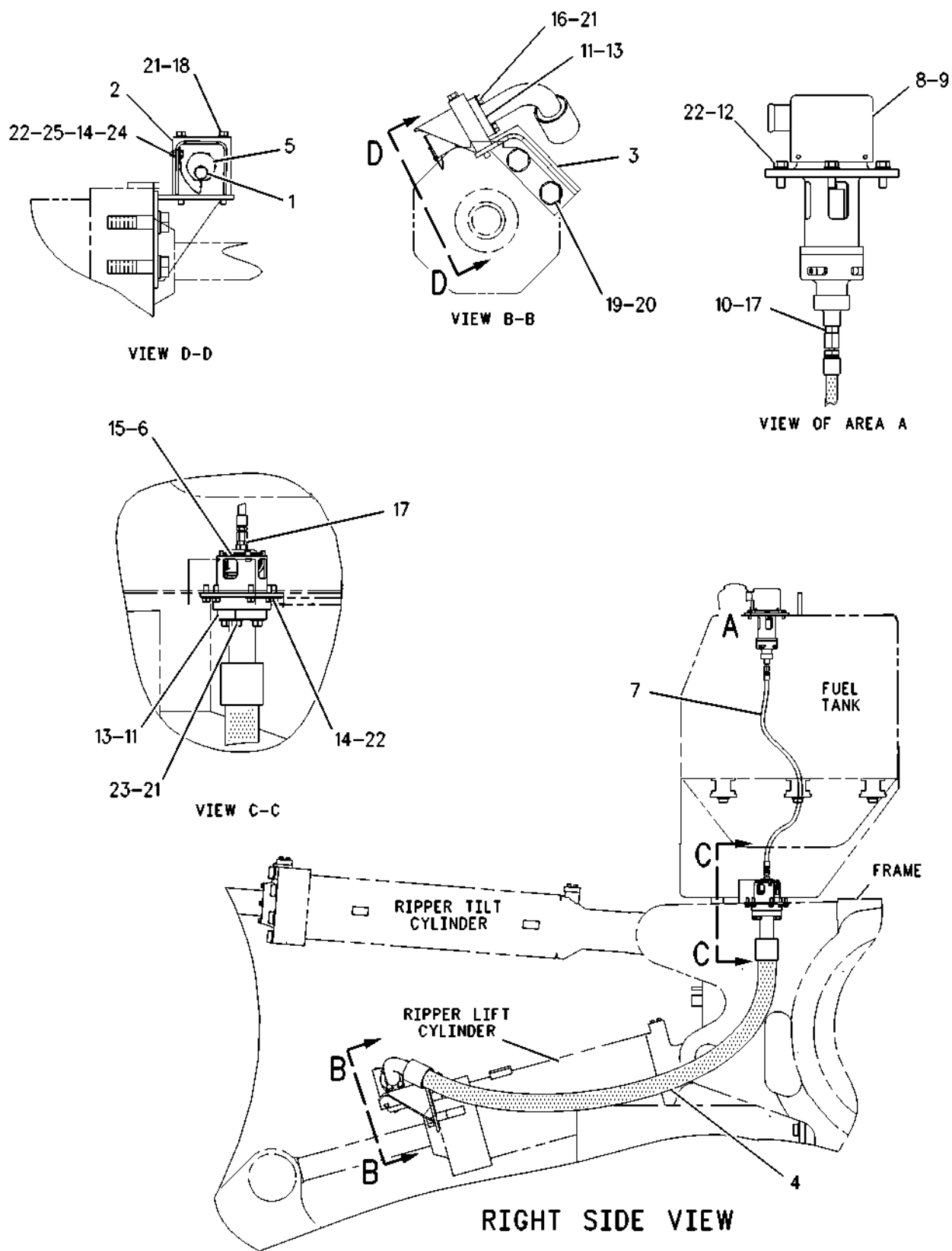
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	124-2463	1	ADAPTER GP-FAST FILL FUEL	
	2	1	6Y-0091	1	BLOCK AS	
	3	1	6Y-0677	1	BRACKET AS	
		1	1F-0748	2	NUT-WELD (1/2-13 THD)	
I	4	1	8E-3234	1	HOSE AS	
	5	1	9D-0630	1	CAP-DUST	
	6	1	163-5455	1	VALVE AS	
	7	1	172-9468	1	HOSE AS	
	8	1	188-5095	1	VENT AS	
	9	1	1H-8128	1	SEAL-O-RING	
	10	1	1J-9671	2	SEAL-O-RING	
	11	1	1P-4582	4	FLANGE-HALF	
	12	1	2D-4534	6	BOLT-SOCKET HEAD (3/8-16X1 IN)	
	13	1	4J-0527	2	SEAL-O-RING	
	14	1	4L-6454	7	BOLT (3/8-16X1 IN)	
	15	1	5H-6734	1	SEAL-O-RING	
	16	1	5P-2566	4	BOLT (1/2-13X1.5 IN)	
	17	1	5P-2618	2	CONNECTOR	
	18	1	7X-0340	2	BOLT (1/2-13X6.5 IN)	
	19	1	7X-0445	2	BOLT (1/1/4-7X5 IN)	
	20	1	7X-0533	2	WASHER-HARD (34X55X6MM THK)	
	21	1	8T-4223	10	WASHER-HARD (13.5X25.5X3MM THK)	
	22	1	8T-4896	14	WASHER-HARD (10.2X18.5X2.5MM THK)	
	23	1	8T-8919	8	BOLT (1/2-13X1.75 IN)	
	24	1	6V-2686	1	CLIP	
	25	1	6V-8801	1	NUT (3/8-16 THD)	

I-REFER TO HYDRAULIC INFORMATION SYSTEM

FUEL SYSTEM

172-9210 ADAPTER GP - FAST FILL FUEL (contd.)

i01988496



GRAPHIC #1

<END>

g00786055

FUEL SYSTEM

172-9211 ADAPTER GP-FAST FILL FUEL

S/N: 7PZ1-UP

FOR USE WITH MACHINES EQUIPPED WITH TRANSMISSION GUARDS, 4C-6716 FILLER AS-FUEL
AN ATTACHMENT

SMCS-1710

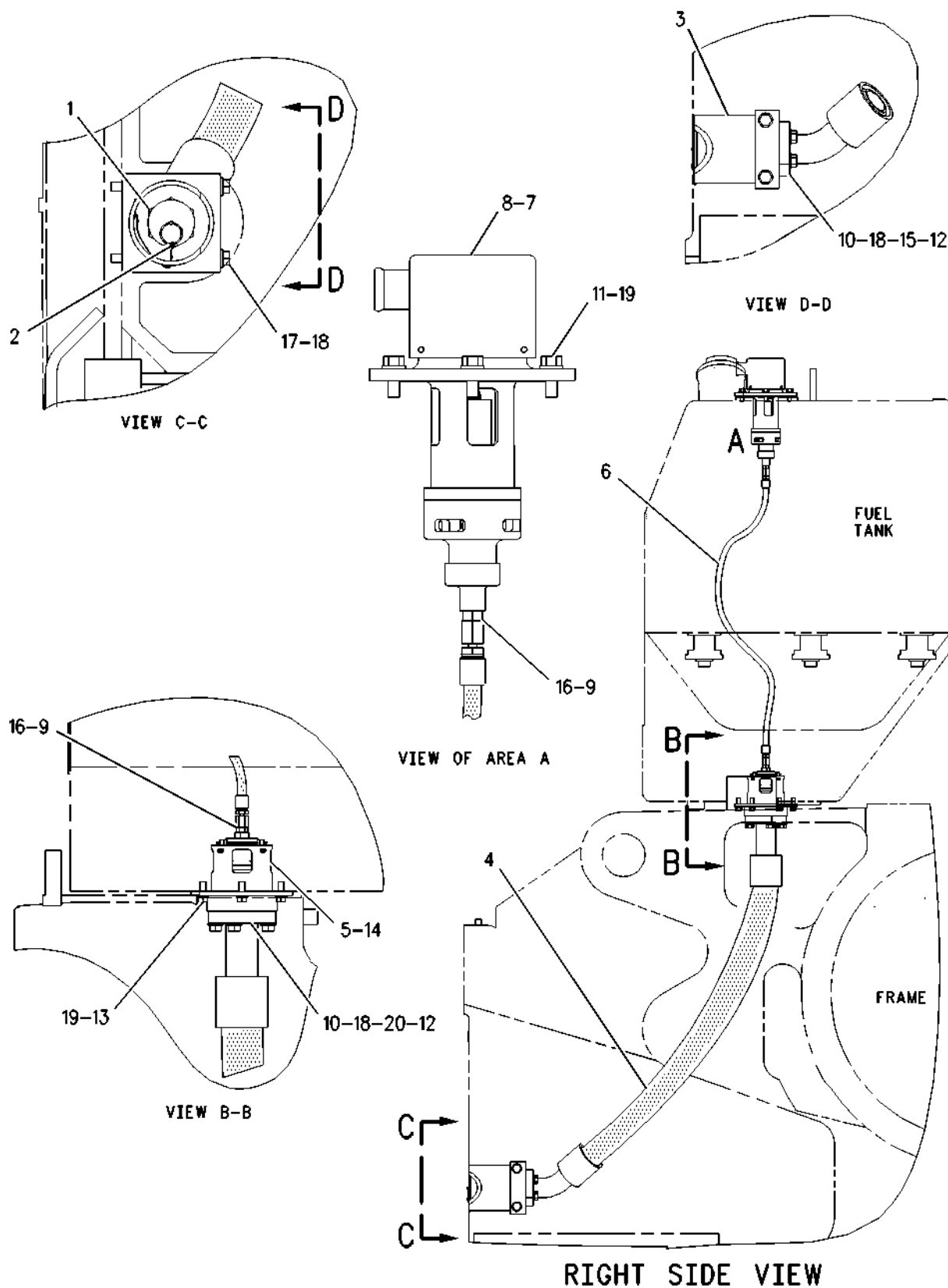
i01988494

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	124-2463	1	ADAPTER GP-FAST FILL FUEL						
	2	1	9D-0630	1	CAP-DUST						
	3	1	9G-0371	1	BLOCK AS						
	4	1	154-6560	1	HOSE AS						
	5	1	163-5455	1	VALVE AS (FAST FILL FUEL)						
	6	1	172-9468	1	HOSE AS						
	7	1	188-5095	1	VENT AS						
	8	1	1H-8128	1	SEAL-O-RING						
	9	1	1J-9671	2	SEAL-O-RING						
	10	1	1P-4582	4	FLANGE-HALF						
	11	1	2D-4534	6	BOLT-SOCKET HEAD (3/8-16X1 IN)						
	12	1	4J-0527	2	SEAL-O-RING						
	13	1	4L-6454	6	BOLT (3/8-16X1 IN)						
	14	1	5H-6734	1	SEAL-O-RING						
	15	1	5P-2566	4	BOLT (1/2-13X1.5 IN)						
	16	1	5P-2618	2	CONNECTOR						
	17	1	7X-0339	2	BOLT (1/2-13X6.25 IN)						
	18	1	8T-4223	10	WASHER-HARD (13.5X25.5X3MM THK)						
	19	1	8T-4896	12	WASHER-HARD (10.2X18.5X2.5MM THK)						
	20	1	8T-8919	4	BOLT (1/2-13X1.75 IN)						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											

FUEL SYSTEM

172-9211 ADAPTER GP - FAST FILL FUEL (contd.)

i01988494



GRAPHIC #1

<END>

g00804437

FUEL SYSTEM

172-9213 ADAPTER GP-FAST FILL FUEL

S/N: 7PZ1-UP

FOR USE WITH MACHINES EQUIPPED WITH COUNTERWEIGHT, 4C-6716 FILLER AS-FUEL
AN ATTACHMENT

SMCS-1710

i01988497

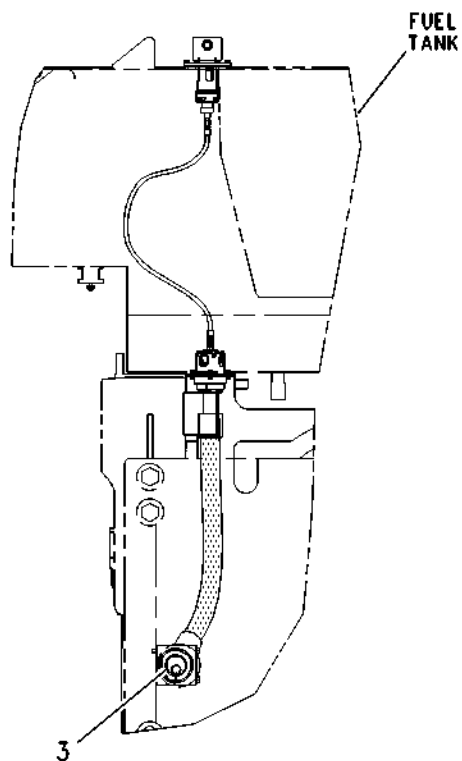
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	124-2463	1	ADAPTER GP-FAST FILL FUEL						
	2	1	8T-3510	1	NIPPLE-PIPE						
	3	1	9D-0630	1	CAP-DUST						
	4	1	9G-0371	1	BLOCK AS						
I	5	1	154-6560	1	HOSE AS						
	6	1	163-5455	1	VALVE AS (FAST FILL FUEL)						
	7	1	172-9468	1	HOSE AS						
	8	1	188-5095	1	VENT AS						
	9	1	022-0234	1	COUPLING						
	10	1	1H-8128	1	SEAL-O-RING						
	11	1	1J-9671	2	SEAL-O-RING						
	12	1	1P-4582	4	FLANGE-HALF						
	13	1	2D-4534	6	BOLT-SOCKET HEAD (3/8-16X1 IN)						
	14	1	4J-0527	2	SEAL-O-RING						
	15	1	4L-6454	6	BOLT (3/8-16X1 IN)						
	16	1	5H-6734	1	SEAL-O-RING						
	17	1	5P-2566	4	BOLT (1/2-13X1.5 IN)						
	18	1	5P-2618	2	CONNECTOR						
	19	1	7X-0339	2	BOLT (1/2-13X6.25 IN)						
	20	1	8T-4223	10	WASHER-HARD (13.5X25.5X3MM THK)						
	21	1	8T-4896	12	WASHER-HARD (10.2X18.5X2.5MM THK)						
	22	1	8T-8919	4	BOLT (1/2-13X1.75 IN)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

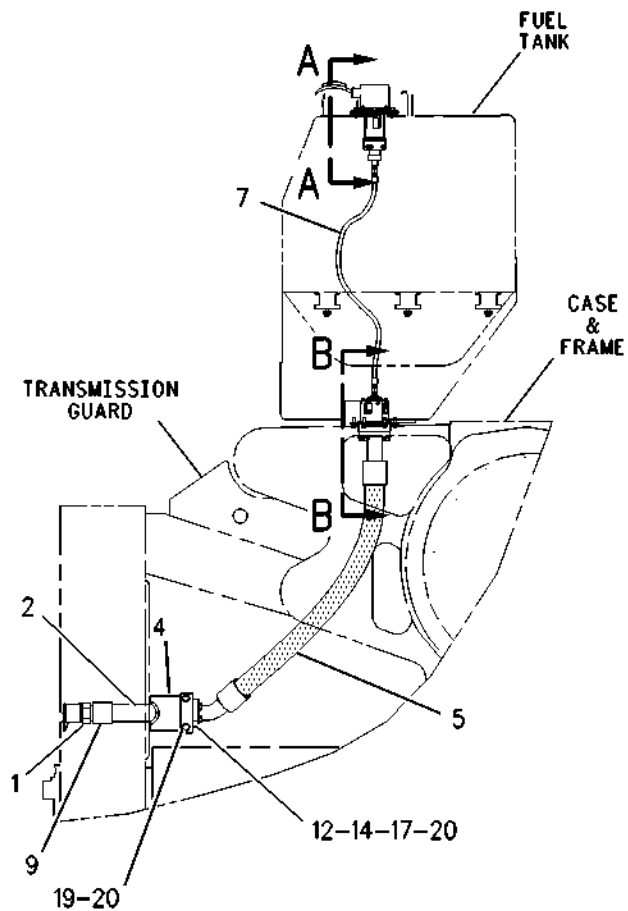
FUEL SYSTEM

172-9213 ADAPTER GP - FAST FILL FUEL (contd.)

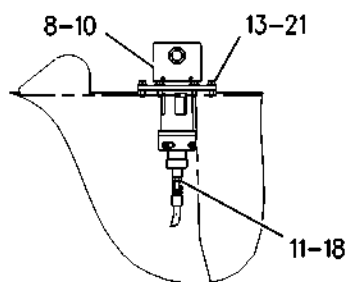
i01988497



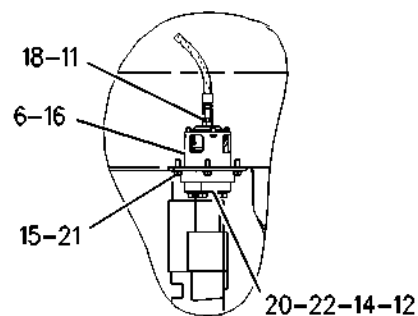
REAR VIEW



RIGHT SIDE VIEW



SECTION A-A



SECTION B-B

GRAPHIC #1

<END>

g00801167

FUEL SYSTEM

172-9214 ADAPTER GP-FAST FILL FUEL

S/N: 7PZ1-UP

FOR USE WITH MACHINE EQUIPPED WITH EXTENDED COUNTERWEIGHT
AN ATTACHMENT

SMCS-1710

i01988499

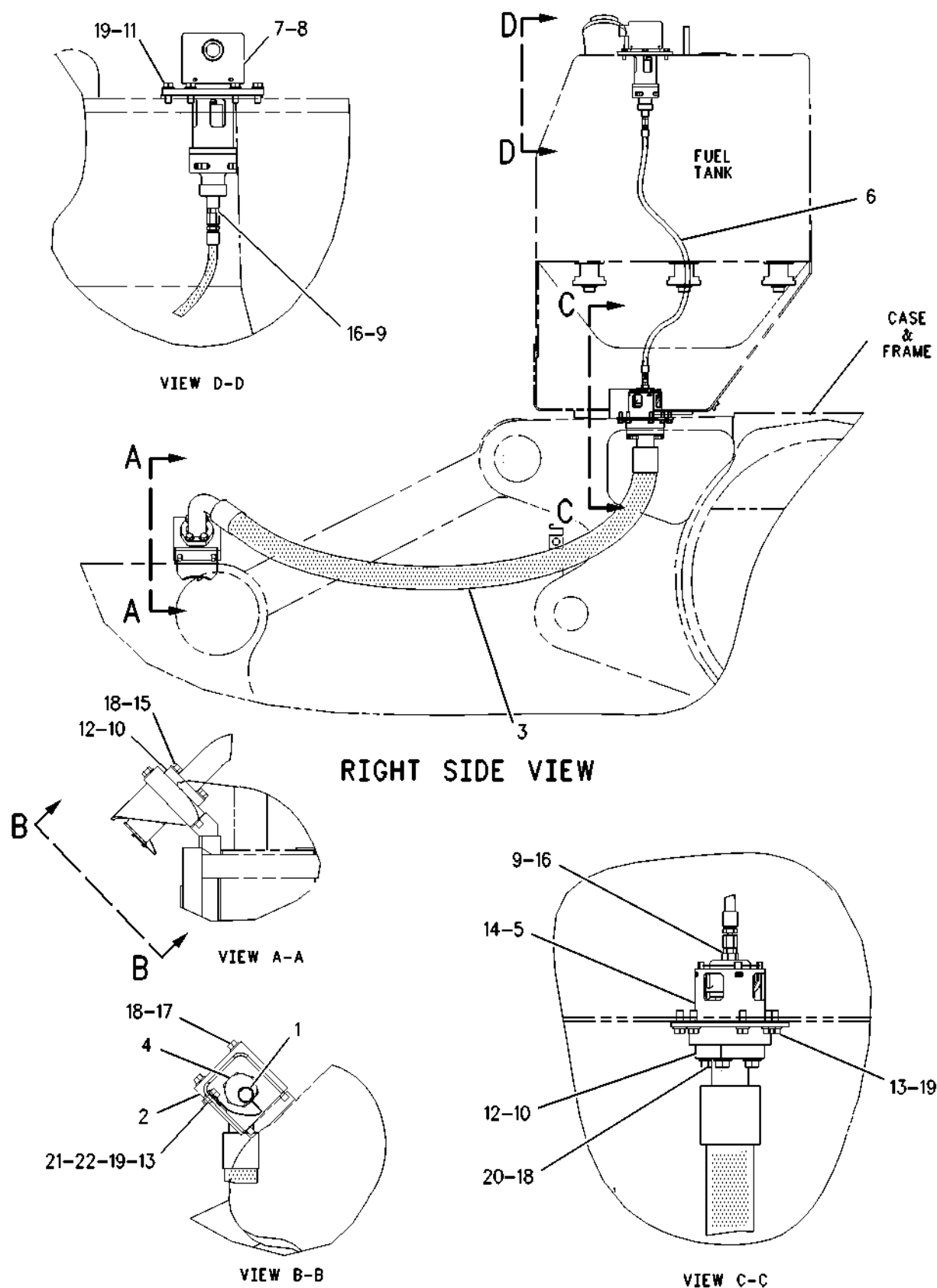
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	124-2463	1	ADAPTER GP-FAST FILL FUEL						
	2	1	6Y-0091	1	BLOCK AS						
I	3	1	8E-3234	1	HOSE AS						
	4	1	9D-0630	1	CAP-DUST						
	5	1	163-5455	1	VALVE AS (FSST FILL FUEL)						
	6	1	172-9468	1	HOSE AS						
	7	1	188-5095	1	VENT AS						
	8	1	1H-8128	1	SEAL-O-RING						
	9	1	1J-9671	2	SEAL-O-RING						
	10	1	1P-4582	4	FLANGE-HALF						
	11	1	2D-4534	6	BOLT-SOCKET HEAD (3/8-16X1 IN)						
	12	1	4J-0527	2	SEAL-O-RING						
	13	1	4L-6454	7	BOLT (3/8-16X1 IN)						
	14	1	5H-6734	1	SEAL-O-RING						
	15	1	5P-2566	4	BOLT (1/2-13X1.5 IN)						
	16	1	5P-2618	2	CONNECTOR						
	17	1	7X-0399	2	BOLT (1-8X1.25 IN)						
	18	1	8T-4223	10	WASHER-HARD (13.5X25.5X3MM THK)						
	19	1	8T-4896	14	WASHER-HARD (10.2X18.5X2.5MM THK)						
	20	1	8T-8919	4	BOLT (1/2-13X1.75 IN)						
	21	1	6V-2686	1	CLIP						
	22	1	6V-8801	1	NUT (3/8-16 THD)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

FUEL SYSTEM

172-9214 ADAPTER GP - FAST FILL FUEL (contd.)

i01988499



GRAPHIC #1

<END>

g00790384

FUEL SYSTEM

172-7938 CONTROL GP-DECELERATOR

S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

SMCS-1276

i01516020

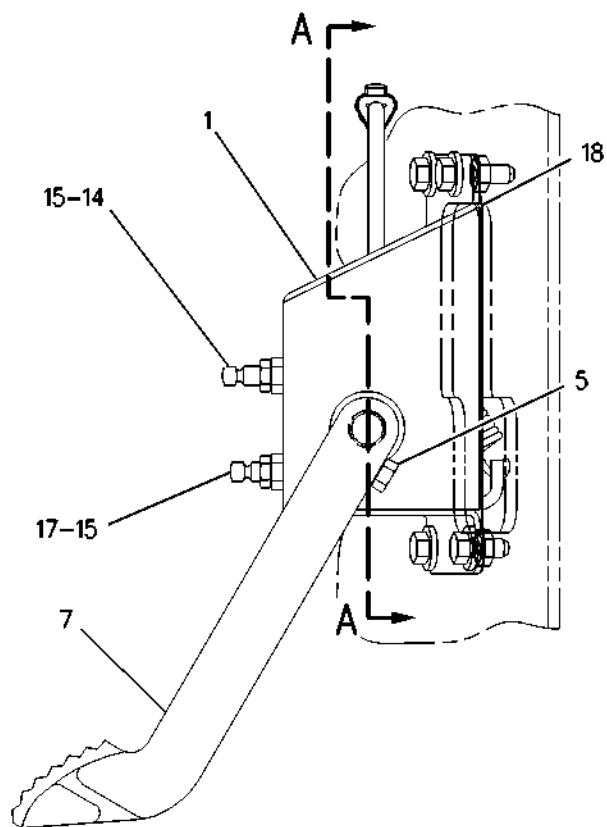
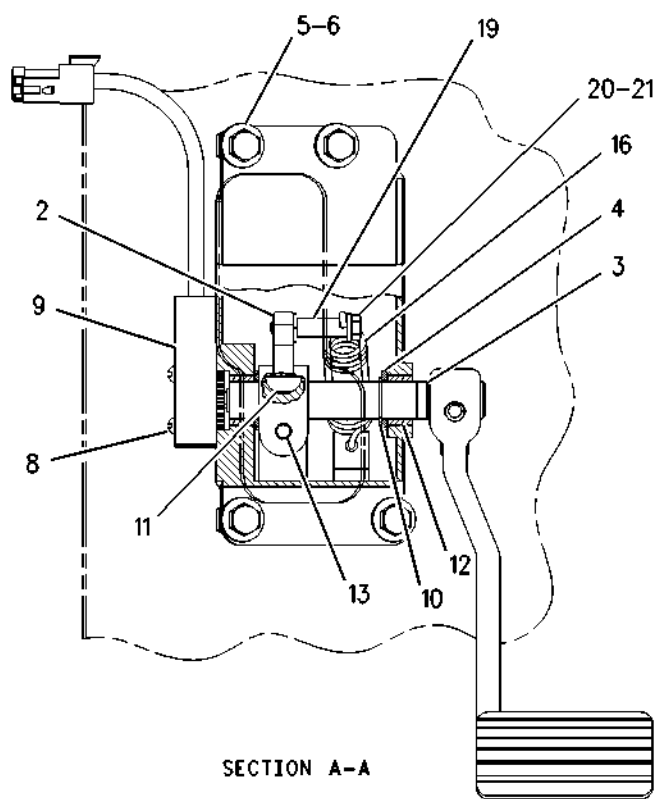
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6I-8363	1	HOUSING AS	
		1	1F-0750	2	NUT-WELD (3/8-16 THD)	
	2	1	7G-7684	1	LEVER	
	3	1	6I-8361	1	SHAFT	
	4	1	6V-7607	2	WASHER-HARD (20X30X2.5MM THK)	
	5	1	9B-7237	5	BOLT (3/8-16X1.25 IN)	
	6	1	5P-1075	4	WASHER-HARD (10.2X22.5X3MM THK)	
	7	1	9G-0772	1	PEDAL	
	8	1	2N-3162	2	SCREW-MACHINE (10-24X1.25 IN)	
Y	9	1	160-2443	1	SENSOR GP-POSITION	331
	10	1	2J-6356	1	RING-RETAINING	
	11	1	1B-8706	1	KEY-WOODRUFF	
	12	1	2K-7979	2	BEARING-SLEEVE	
	13	1	8T-2502	1	BOLT (3/8-16X1.125 IN)	
	14	1	4B-3609	1	SETSCREW-SQUARE HEAD	
	15	1	1B-2578	2	NUT (3/8-16 THD)	
	16	1	194-7034	1	SPRING	
	17	1	4B-3611	1	SETSCREW-SQUARE HEAD	
	18	1	105-1515	1	GASKET	
	19	1	8C-5608	1	SPACER (6.5X9.5X25.4MM THK)	
	20	1	7X-3178	1	BOLT (1/4-20X1.625 IN)	
	21	1	8T-4205	2	WASHER-HARD (7.2X14.5X2MM THK)	

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

172-7938 CONTROL GP-DECELERATOR (contd.)

i01516020



GRAPHIC #1

<END>

g00580709

FUEL SYSTEM

6I-4468 FILTER GP-FUEL

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1261

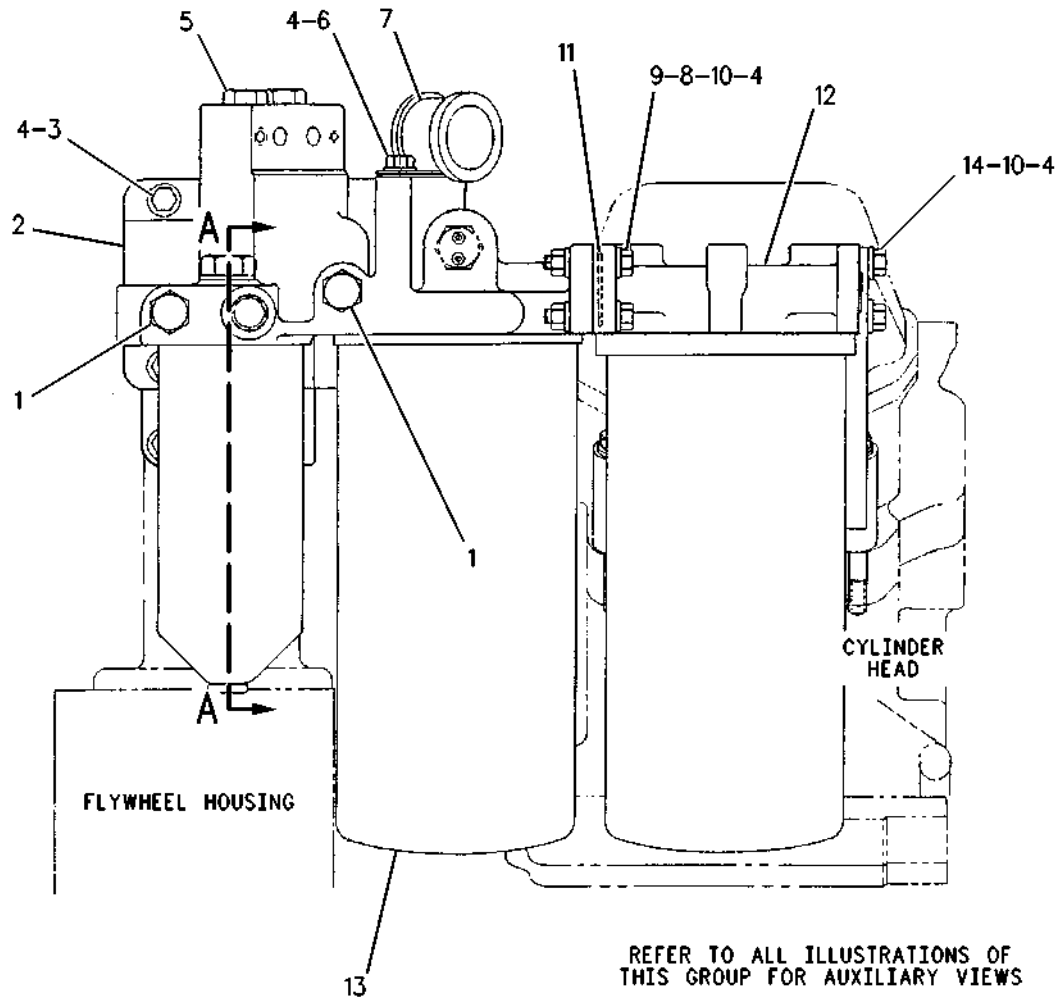
i02029670

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9S-4185	2	PLUG						
		1	3K-0360	2	SEAL-O-RING						
	2	1	2W-2258	1	BASE AS-FILTER						
		1	8N-3653	1	STUD-TAPERLOCK						
		1	6N-1127	1	SHIELD-OIL FILTER						
		1	7F-9090	2	SCREW-DRIVE (NO 8X3/8-IN)						
	3	1	0S-1588	4	BOLT (3/8-16X1.25-IN)						
	4	1	5M-2894	16	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	5	1	9S-4191	3	PLUG						
		1	3J-1907	3	SEAL-O-RING						
	6	1	0S-1594	1	BOLT (3/8-16X25.4-IN)						
	7	1	7L-6326	1	CLIP						
	8	1	3B-1915	1	BOLT (3/8-16X1.75-IN)						
	9	1	0S-1571	3	BOLT (3/8-16X1.75-IN)						
	10	1	9S-8752	5	NUT-FULL (3/8-16-THD)						
	11	1	2K-8198	2	SEAL-O-RING						
	12	1	1W-7559	1	BASE AS-FUEL FILTER						
		1	6N-1127	1	SHIELD-OIL FILTER						
		1	7F-9090	2	SCREW-DRIVE (NO 8X3/8-IN)						
		1	8N-3653	1	STUD-TAPERLOCK						
	13	1	1R-0755	2	FILTER AS-FUEL						
	14	1	0S-1591	2	BOLT (3/8-16X1.5-IN)						
	15	2	8H-2778	1	SEAL-RING (FUEL FILTER)						
	16	2	6V-0871	1	GROMMET						
	17	2	2H-3429	1	RING-RETAINING						
	18	2	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	19	2	7W-0888	1	BRACKET						
	20	2	0T-0055	2	BOLT (3/8-16X4.25-IN)						
	21	2	1W-8129	1	SUPPORT						
	22	2	0S-1588	4	BOLT (3/8-16X1.25-IN)						
	23	2	9S-8752	2	NUT-FULL (3/8-16-THD)						
	24	2	9W-6825	1	BRACKET						
	25	2	9S-8005	1	PLUG						
	26	2	3K-0360	2	SEAL-O-RING						
	27	2	3B-1915	2	BOLT (3/8-16X1.75-IN)						
	28	2	1L-3769	1	RING-RETAINING						
	29	2	7M-4672	1	WASHER (.656X1.31X.109-IN THK)						
	30	2	7N-1628	1	NUT (3/8-24-THD)						
	31	2	5H-8038	1	SEAL-O-RING						
	32	2	9S-4185	1	PLUG						
	33	2	8H-7202	1	CASE AS-FUEL FILTER						
	34	2	9M-2342	1	FILTER ELEMENT AS-FUEL						
	35	2	7H-9678	1	RETAINER-ELEMENT						
	36	2	7S-9323	1	SPRING						

FUEL SYSTEM

6I-4468 FILTER GP-FUEL (contd.)

i02029670



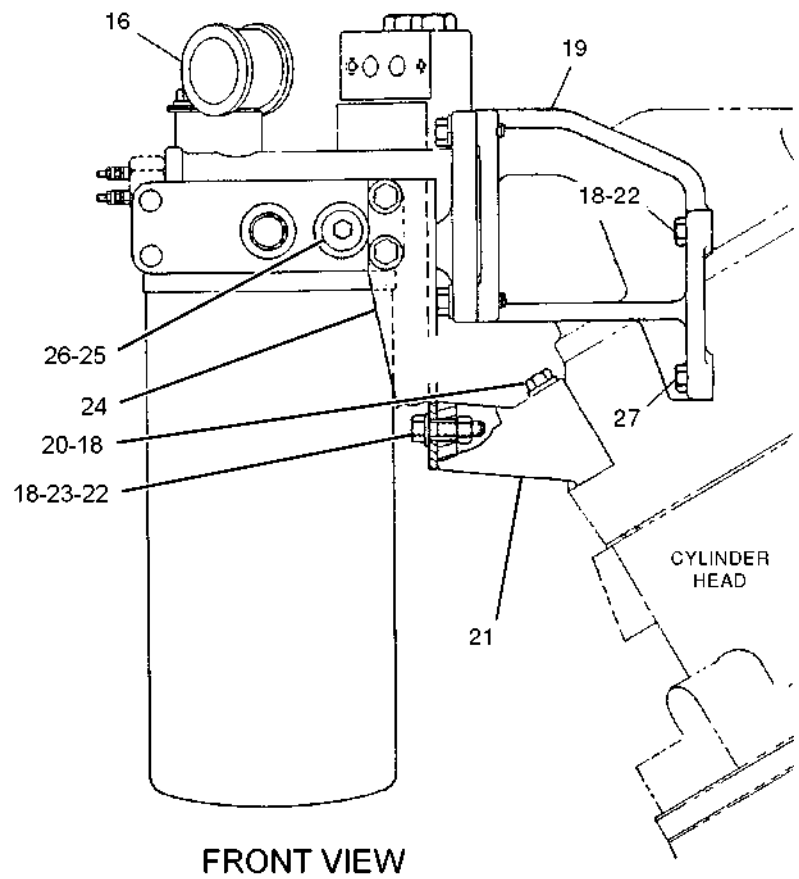
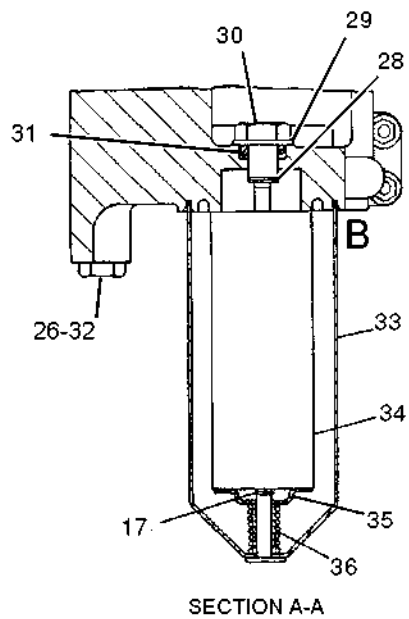
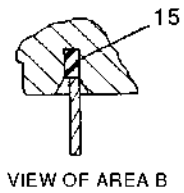
GRAPHIC #1

g00326266

FUEL SYSTEM

6I-4468 FILTER GP-FUEL (contd.)

i02029670



<END>

g01044596

GRAPHIC #2

FUEL SYSTEM

150-4453 INJECTOR GP-FUEL*R

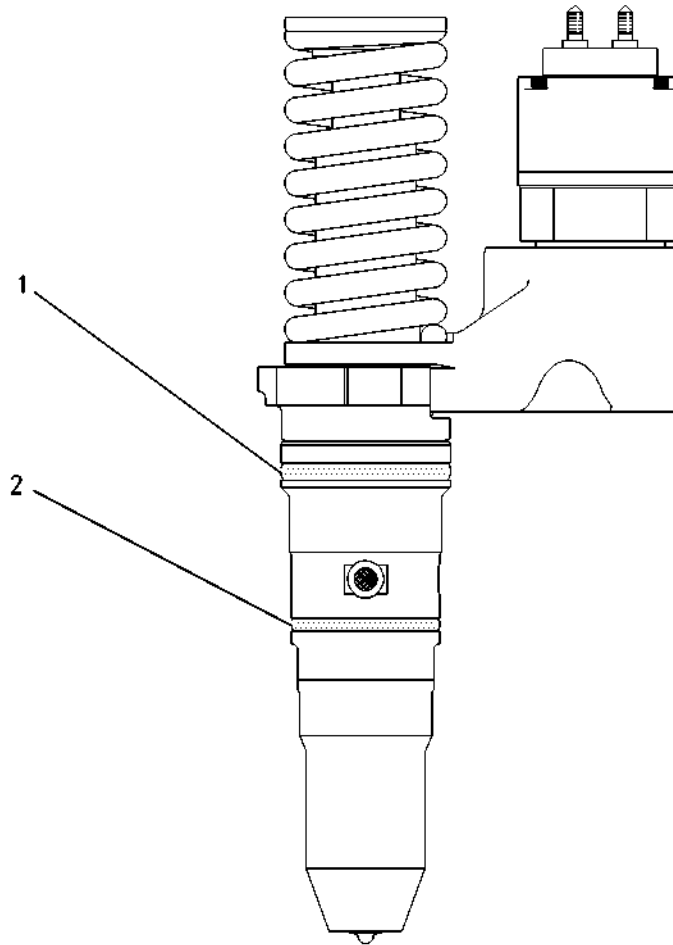
S/N: 2GR1180-4680

PART OF 100-8780 PUMP GP-FUEL INJECTION

SMCS-1251, 1254, 1290, 1713

i01550058

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	194-9584	1	SEAL-O-RING						
	2	1	9X-7735	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00636078

FUEL SYSTEM

140-2751 LINES GP-FUEL-CHASSIS

S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

SMCS-1274

i02023426

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5D-1026	1	CLAMP-HOSE						
	2	1	5P-8502	1	PADLOCK GP (FUEL LINES)						
		1	5P-8500	1	KEY						
		1	8Y-6364	1	SLEEVE						
	3	1	6T-7774	1	SCREEN-FUEL TANK						
	4	1	6V-8358	1	VALVE-BALL (MANUAL SHUTOFF)						
	5	1	7T-7693	1	BRACKET AS						
		1	1F-0748	2	NUT-WELD (1/2-13-THD)						
I	6	1	7T-8328	1	HOSE AS						
	7	1	8T-3491	1	ELBOW						
	8	1	8T-6638	1	VALVE-BALL						
I	9	1	107-0335	1	HOSE AS						
	10	1	033-6783	1	FITTING						
	11	1	6V-8626	1	ELBOW						
		1	2M-9780	1	SEAL-O-RING						
	12	1	6V-9004	1	ELBOW						
	13	1	3D-2824	5	SEAL-O-RING						
	14	1	5C-6565	1	BOLT (1/2-13X1.125-IN)						
	15	1	5P-2228	2	BOLT (1/2-13X1-IN)						
	16	1	6V-9746	2	SEAL-O-RING						
	17	1	7J-9108	2	SEAL-O-RING						
	18	1	8J-8197	4	CLIP						
	19	1	8T-4223	9	WASHER-HARD (13.5X25.5X3-MM THK)						
	20	1	8T-7529	4	CLIP						
	21	1	8T-8917	5	BOLT (1/2-13X1.25-IN)						
E	22	1	5P-1695		HOSE (80-CM)						
	23	1	5P-2566	1	BOLT (1/2-13X1.5-IN)						

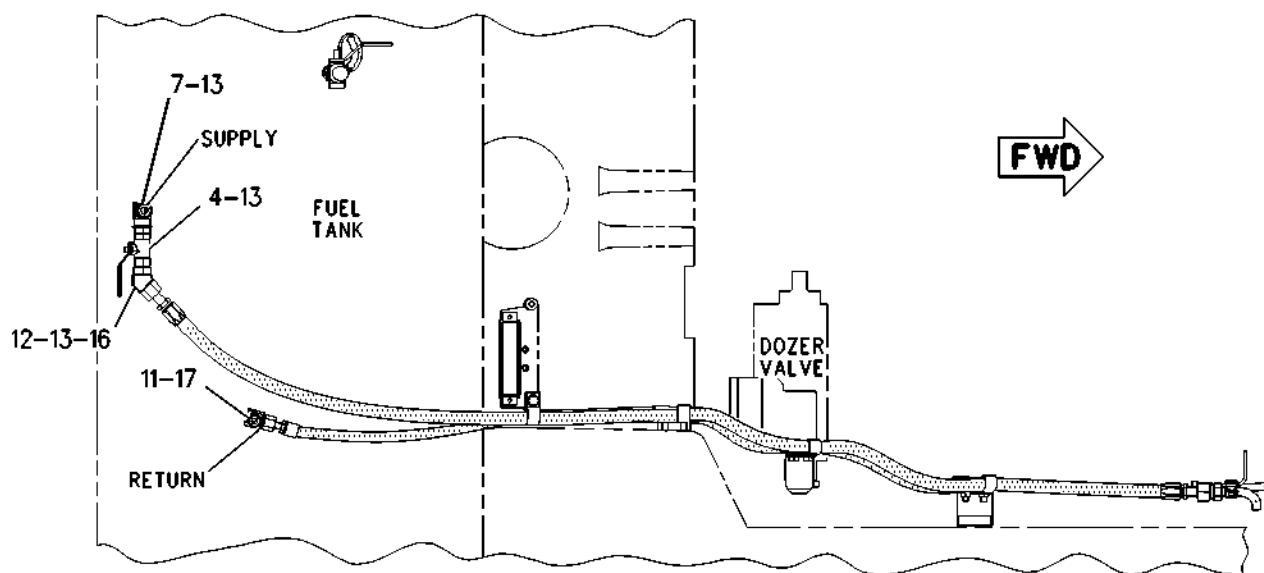
E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

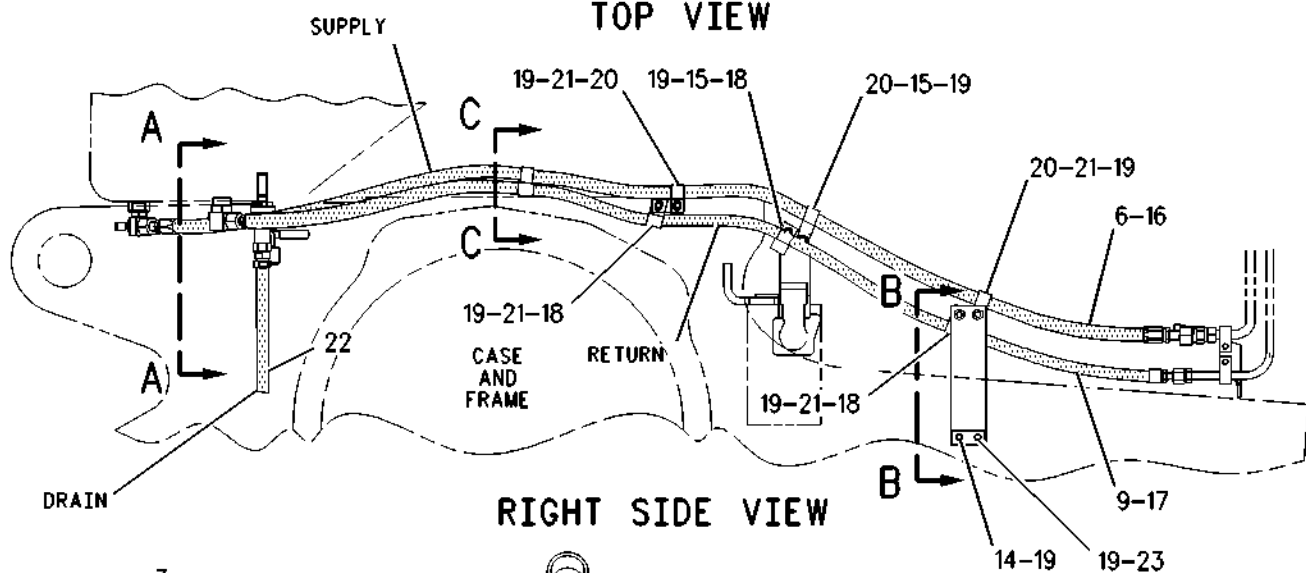
FUEL SYSTEM

140-2751 LINES GP-FUEL (contd.)

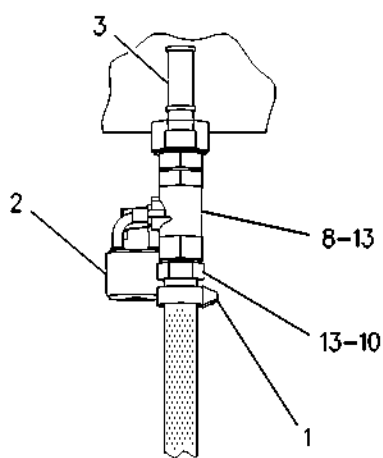
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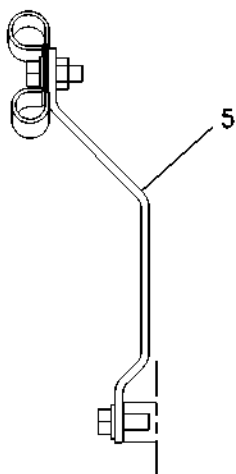
TOP VIEW



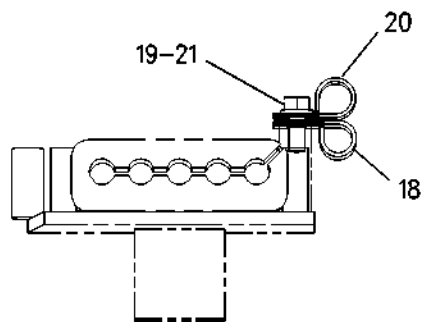
RIGHT SIDE VIEW



VIEW A-A



VIEW B-B



VIEW C-C

GRAPHIC #1

<END>

g00656489

FUEL SYSTEM

156-9751 LINES GP-FUEL-RH

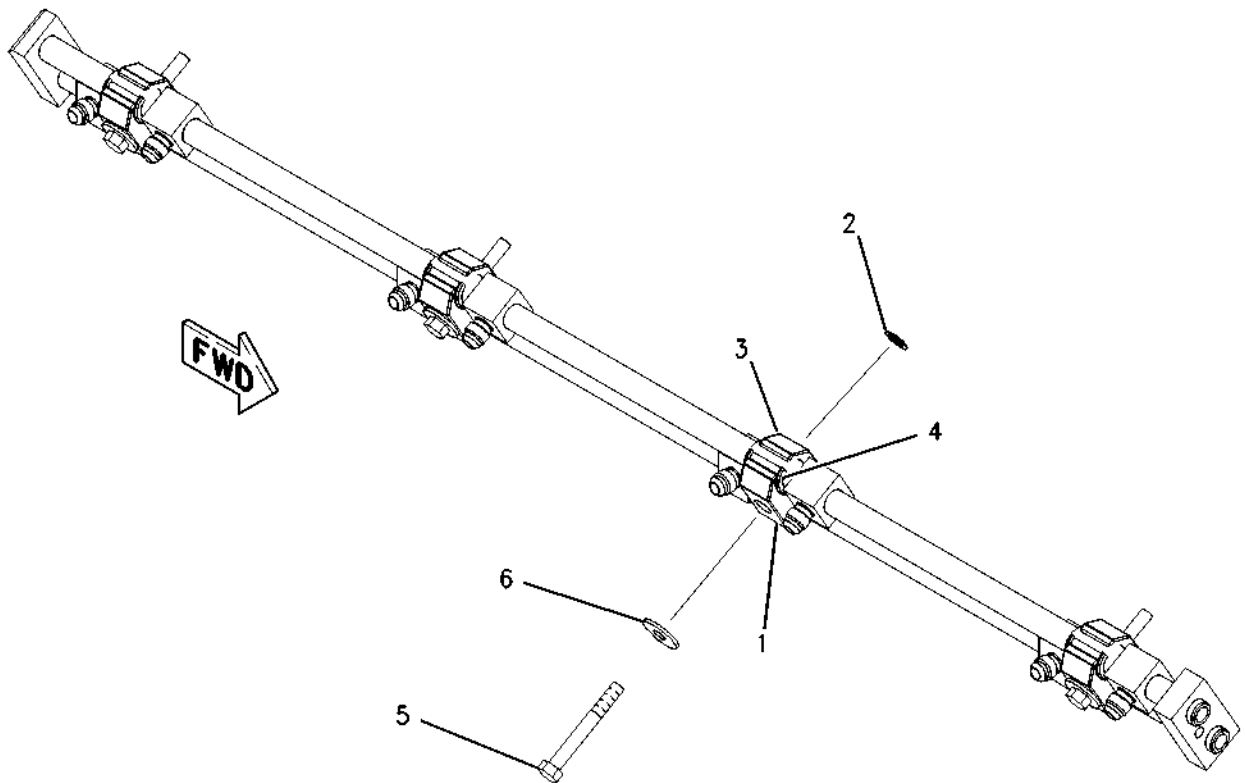
S/N: 2GR1180-UP

PART OF 117-0078 LINES GP-FUEL INJECTION

SMCS-1274

i01909887

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9Y-0047	4	CLAMP						
	2	1	147-3745	4	WASHER-RETAINING						
	3	1	156-9748	4	CLAMP						
	4	1	100-3237	8	GROMMET						
	5	1	1D-4539	4	BOLT (5/16-18X2.5 IN)						
	6	1	9N-0869	4	WASHER-HARD (8.8X25.5X2.0MM THK)						



GRAPHIC #1

<END>

g00995338

FUEL SYSTEM

156-9752 LINES GP-FUEL-LH

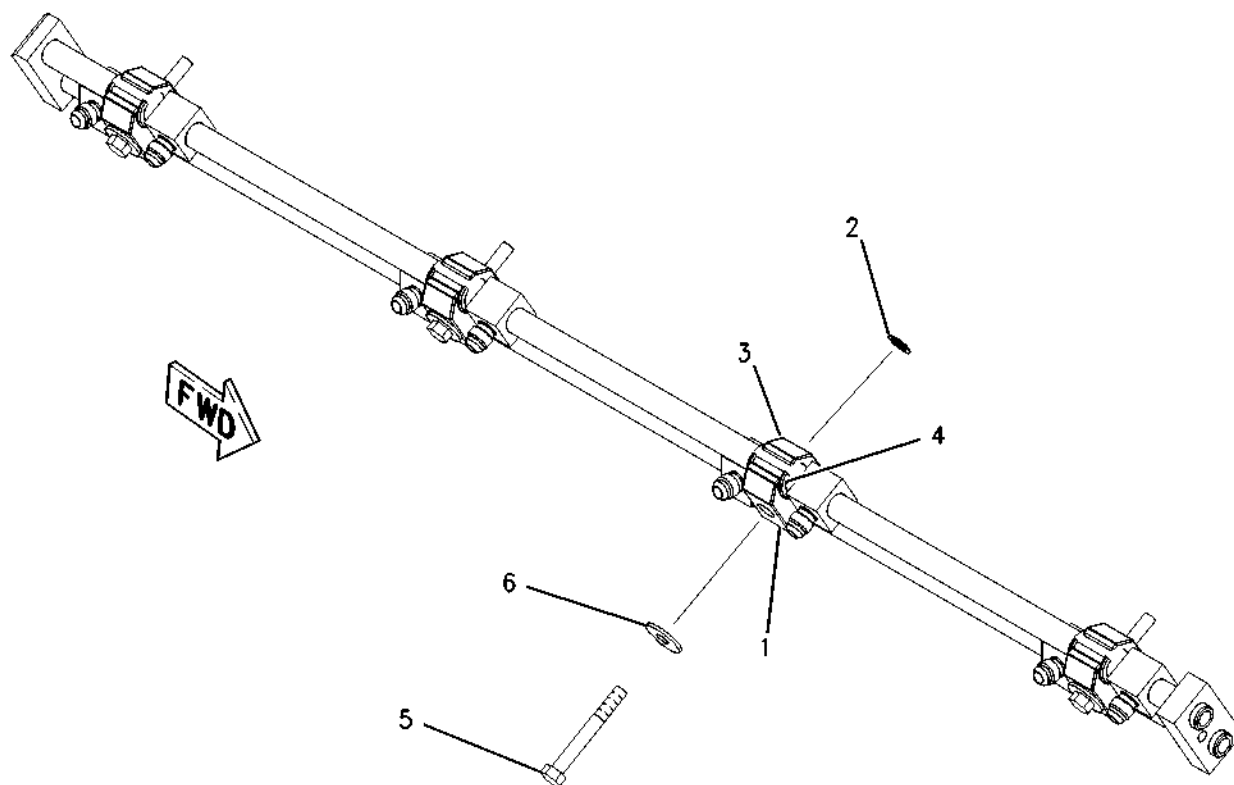
S/N: 2GR1180-UP

PART OF 117-0078 LINES GP-FUEL INJECTION

SMCS-1274

i01909819

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9Y-0047	4	CLAMP						
	2	1	147-3745	4	WASHER-RETAINING						
	3	1	156-9748	4	CLAMP						
	4	1	100-3237	8	GROMMET						
	5	1	1D-4539	4	BOLT (5/16-18X2.5 IN)						
	6	1	9N-0869	4	WASHER-HARD (8.8X25.5X2.0MM THK)						



GRAPHIC #1

<END>

g00995215

FUEL SYSTEM

117-0078 LINES GP-FUEL INJECTION

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1252, 1254

i01967653

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	6V-4589	8	SEAL-O-RING	
	2	2	6V-5049	17	SEAL-O-RING	
	3	1	6V-5048	1	SEAL-O-RING	
	4	1,2	8L-2786	3	SEAL-O-RING	
	5	1,2	4P-0692	12	CLAMP AS	
					(EACH INCLUDES)	
		1,2	108-1434	1	GROMMET	
	6	1	4P-0693	4	CLAMP AS	
					(EACH INCLUDES)	
		1	108-1434	1	GROMMET	
	7	1	4P-4342	1	ADAPTER-MANIFOLD	
	8	1	4P-4343	1	ADAPTER-MANIFOLD	
	9	1	4W-1807	1	ELBOW-FLARED	
	10	2	4W-3846	1	TUBE AS	
	11	1	4W-3847	1	PLATE	
	12	2	4W-3863	1	BRACKET	
	13	2	6K-4947	1	CLIP (TAB)	
	14	2	6L-2479	1	BRACE	
	15	2	7C-7677	8	TUBE AS	
	16	2	7C-7678	8	TUBE AS	
	17	2	7C-8397	1	BRACKET AS	
		2	1F-0750	4	NUT-WELD (3/8-16THD)	
	18	2	7C-8398	1	BRACKET AS	
		2	1F-0750	2	NUT-WELD (3/8-16THD)	
	19	1	7C-8399	1	TUBE AS	
I	20	2	7C-8401	1	HOSE AS	
I	21	2	7C-8402	1	HOSE AS	
	22	1	7E-0527	1	TUBE AS	
	23	2	7E-5343	1	TUBE AS	
	24	2	7E-5344	1	TUBE AS	
	25	2	7E-9085	1	TUBE AS	
	26	1,2	7N-6806	4	SEAL-RECTANGULAR	
	27	2	7W-2122	16	CONNECTOR-PORT	
	28	2	9N-4053	1	SPRING	
	29	2	091-0081	2	SPACER (10.5X20X10.0MM THK)	
	30	2	114-5477	1	PLUNGER-REGULATING VALVE	
CY	31	1	156-9751	1	LINES GP-FUEL (RH)	221
CY	32	2	156-9752	1	LINES GP-FUEL (LH)	222
	33	2	167-9569	1	HOSE AS	
	34	2	184-3232	1	HOSE AS	
	35	1	118-4728	1	ELBOW	
	36	1	030-7949	4	ELBOW-FLARED	
	37	2	030-7982	1	UNION-FLARED	
	38	2	068-4174	1	ELBOW	
	39	2	0L-1351	1	BOLT (3/8-16X0.875 IN)	
	40	1,2	0L-2070	8	BOLT (3/8-16X2.25 IN)	
	41	2	0S-0509	1	BOLT (3/8-16X0.75 IN)	
	42	1	0S-1571	1	BOLT (3/8-16X1.75 IN)	
	43	1,2	0S-1588	3	BOLT (3/8-16X1.25 IN)	
	44	2	0S-1594	5	BOLT (3/8-16X1 IN)	
	45	1,2	1P-7625	2	ELBOW	
	46	1	2B-2694	1	BOLT (5/16-18X2 IN)	
	47	2	2P-1296	1	TEE	
	48	1	4B-0831	1	BOLT (5/16-18X3.75 IN)	
	49	1,2	5M-2894	18	WASHER-HARD (10.2X18.5X2.5MM THK)	
	50	2	5P-4295	4	CLIP	

FUEL SYSTEM

117-0078 LINES GP-FUEL INJECTION (contd.)

i01967653

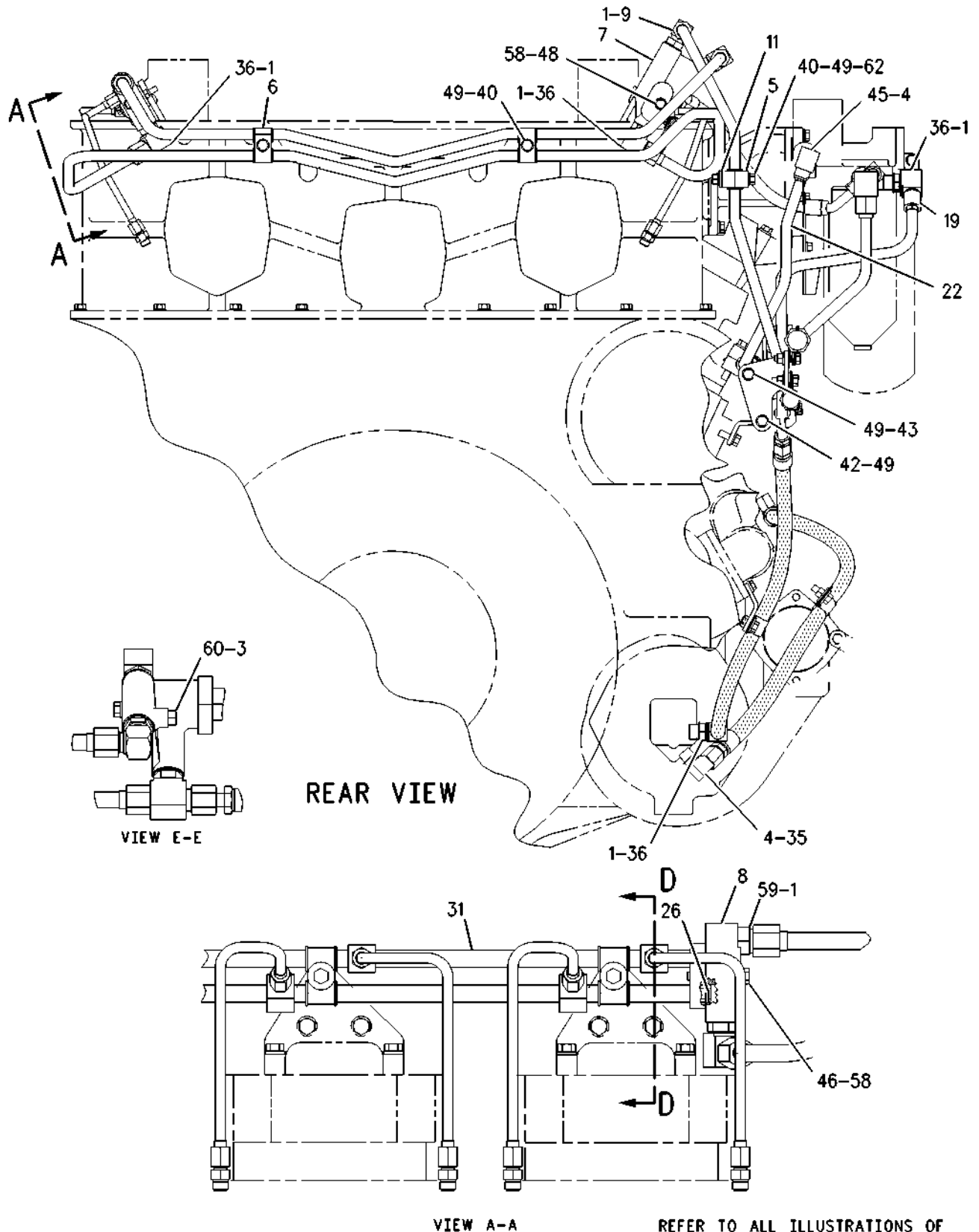
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	51	2	5S-0003	1	NUT (5/16-18 THD)	
	52	2	6K-4948	1	CLIP (SLOT)	
	53	2	6K-8178	1	CLIP	
	54	2	8M-0547	2	ELBOW (SWIVEL)	
	55	2	8T-1887	1	CLIP (SLOT)	
	56	2	8T-1888	1	CLIP (TAB)	
	57	2	9L-9132	5	WASHER (10.2X25.5X2.5MM THK)	
C	58	1,2	9M-1974	3	WASHER-HARD (8.8X16X2MM THK)	
	59	1	9M-4584	1	CONNECTOR	
	60	1	9S-4182	1	PLUG	
	61	2	9S-4191	1	PLUG	
	62	1,2	9S-8752	5	NUT-FULL (3/8-16 THD)	
	63	2	9X-6458	1	WASHER-HARD (10.2X22.5X3MM THK)	

C- CHANGE FROM PREVIOUS TYPE
I- SEE HOSE FABRICATION GUIDE
Y- SEPARATE ILLUSTRATION

FUEL SYSTEM

117-0078 LINES GP-FUEL INJECTION (contd.)

101967653



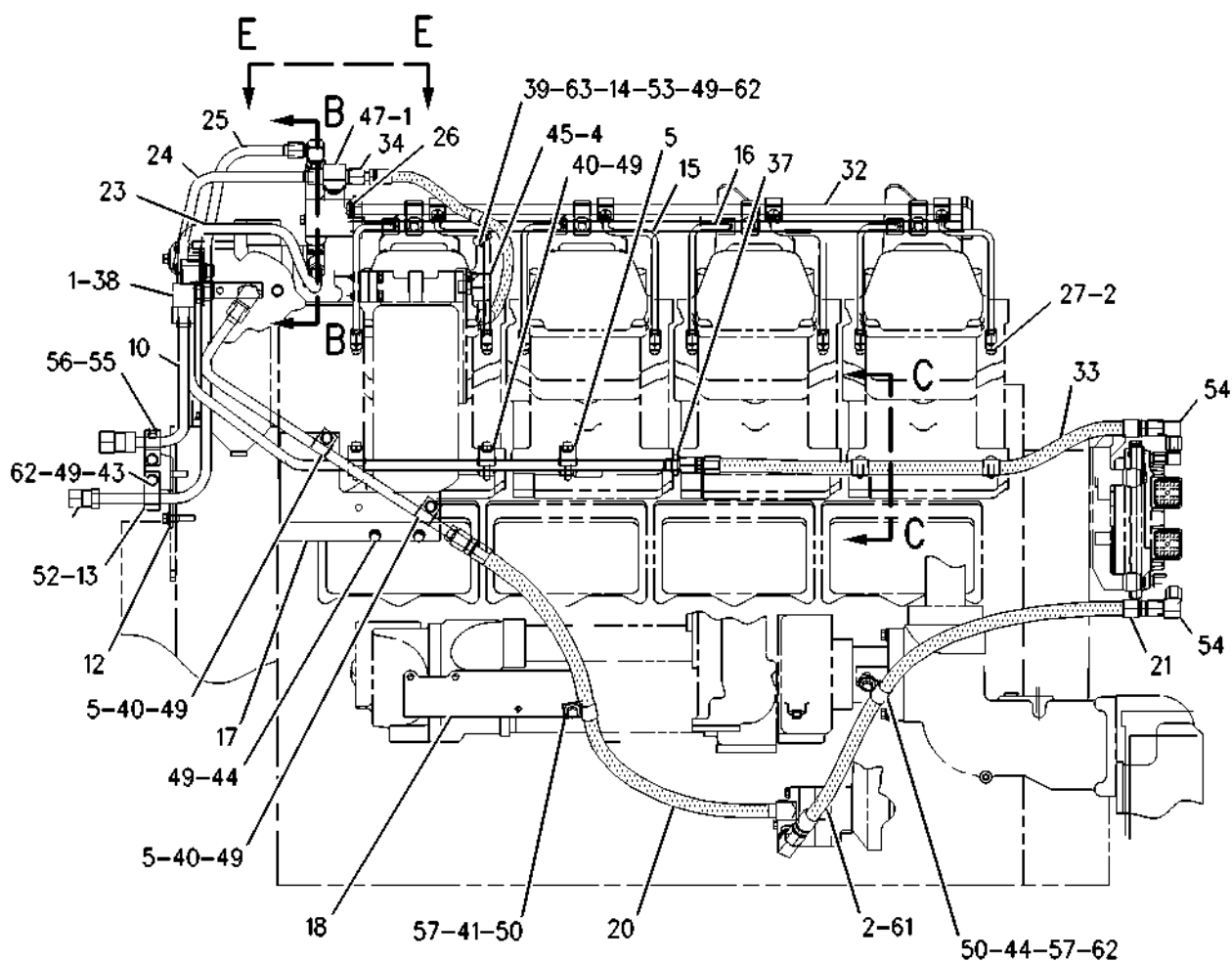
GRAPHIC #1

g00979740

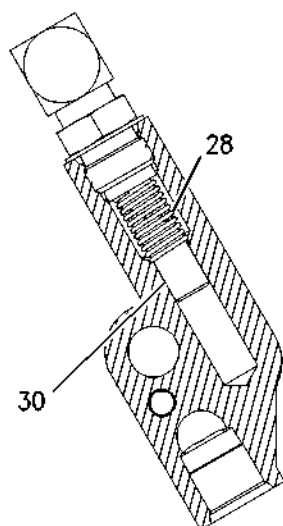
FUEL SYSTEM

117-0078 LINES GP-FUEL INJECTION (contd.)

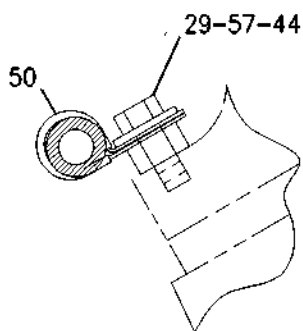
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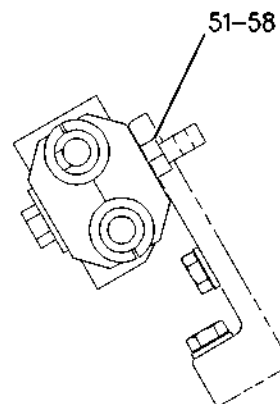
RIGHT SIDE VIEW



SECTION B-B



VIEW C-C



SECTION D-D

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

FUEL SYSTEM

100-8780 PUMP GP-FUEL INJECTION

S/N: 2GR1180-4680

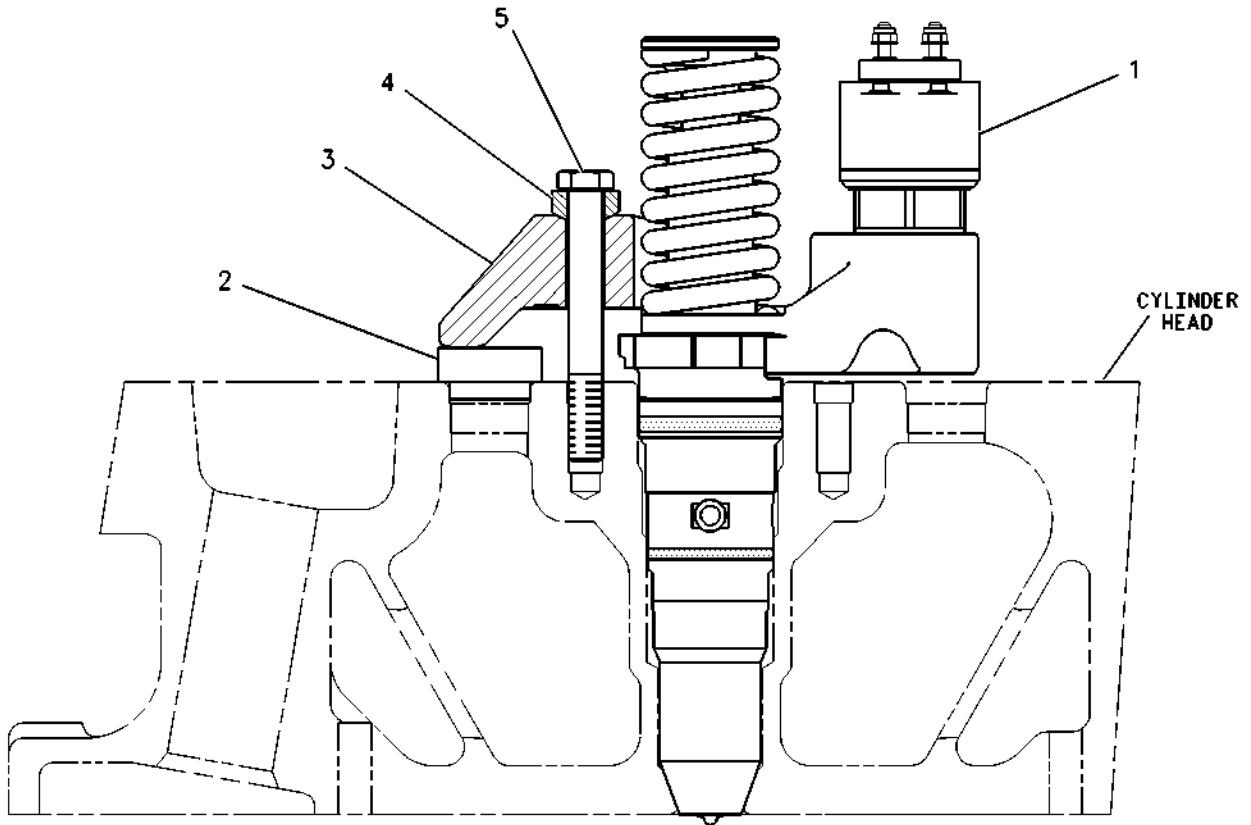
PART OF 155-5556 ENGINE AR

SMCS-1251, 1290

i01967649

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CYR	1	1	150-4453	1	INJECTOR GP-FUEL						218
	2	1	234-4182	1	PLUG						
	3	1	7E-2580	1	CLAMP-INJECTOR						
	4	1	7N-5487	1	WASHER (12X22X9.5MM THK)						
	5	1	7F-8698	1	BOLT (7/16-14X3.5 IN)						

C-CHANGE FROM PREVIOUS TYPE
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00635582

FUEL SYSTEM

100-8780 PUMP GP-FUEL INJECTION

S/N: 2GR4681-UP

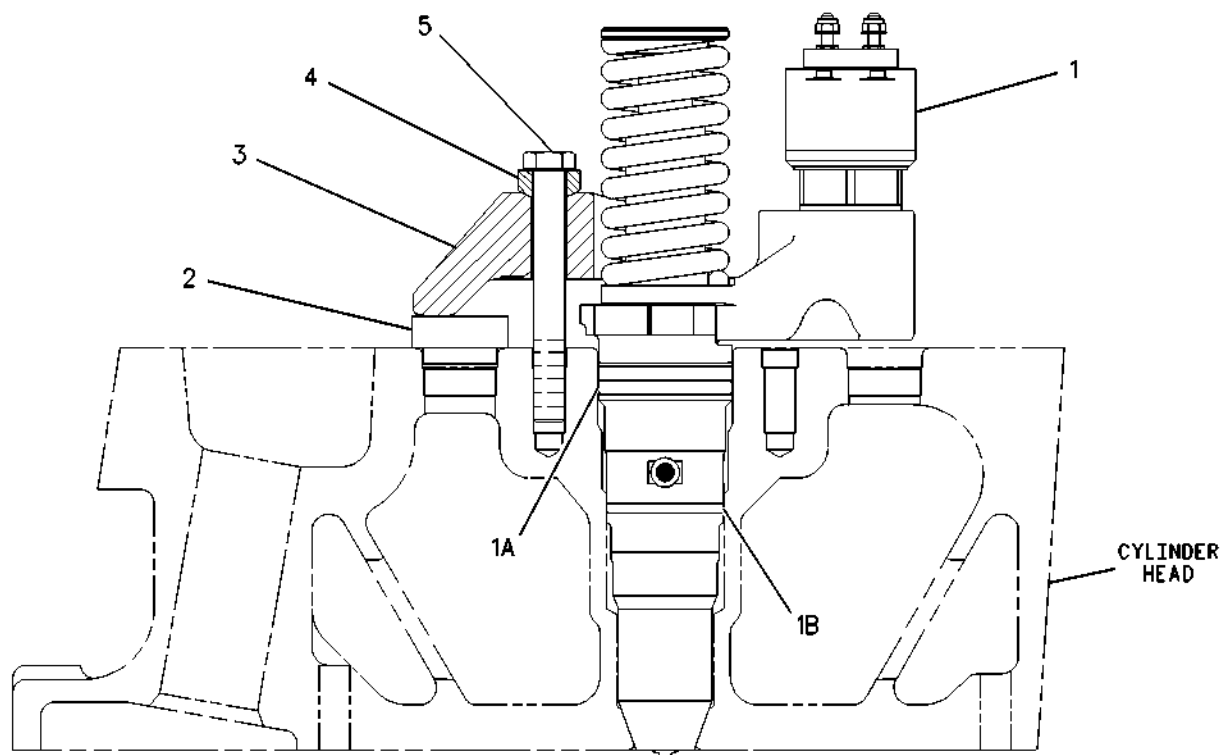
PART OF 155-5556 ENGINE AR

SMCS-1251, 1290

i02004148

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	229-0190	1	INJECTOR GP-FUEL						
	1A	1	194-9584	1	SEAL-O-RING						
	1B	1	9X-7735	1	SEAL-O-RING						
	2	1	234-4182	1	PLUG						
	3	1	7E-2580	1	CLAMP-INJECTOR						
	4	1	7N-5487	1	WASHER (12X22X9.5MM THK)						
	5	1	7F-8698	1	BOLT (7/16-14X3.5 IN)						

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00608936

FUEL SYSTEM

165-9154 PUMP GP-FUEL PRIMING

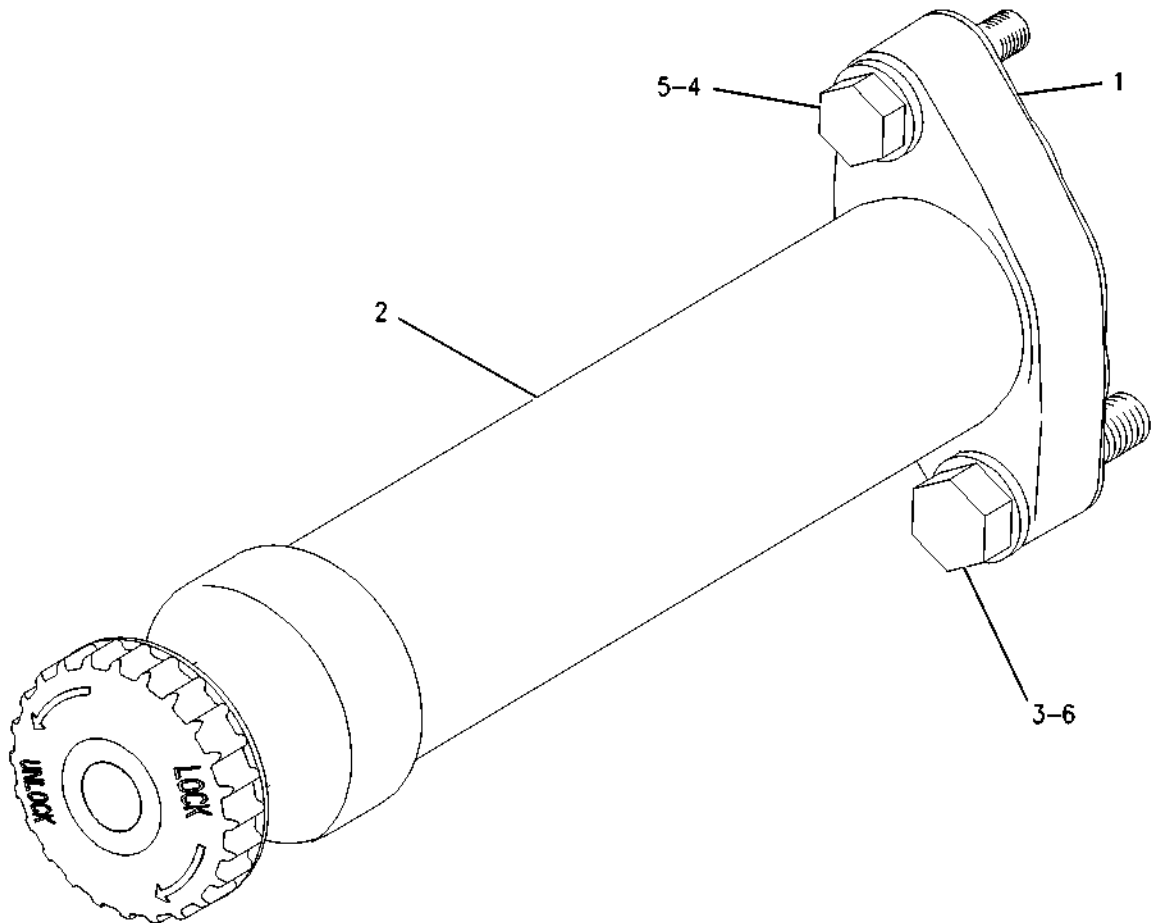
S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1258

i01988500

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9Y-8389	1	GASKET (FUEL PRIMING PUMP)						
	2	1	183-2823	1	PUMP AS-FUEL PRIMING						
	3	1	1B-2790	1	BOLT (5/16-18X1.375 IN)						
	4	1	5P-0537	1	WASHER-HARD (7.2X14.5X2MM THK)						
	5	1	7B-2742	1	BOLT (1/4-20X1.25 IN)						
	6	1	9M-1974	1	WASHER-HARD (8.8X16X2MM THK)						



GRAPHIC #1

<END>

g00655069

FUEL SYSTEM

8N-6151 PUMP GP-FUEL TRANSFER

S/N: 2GR1180-4158

ONE SECTION GEAR

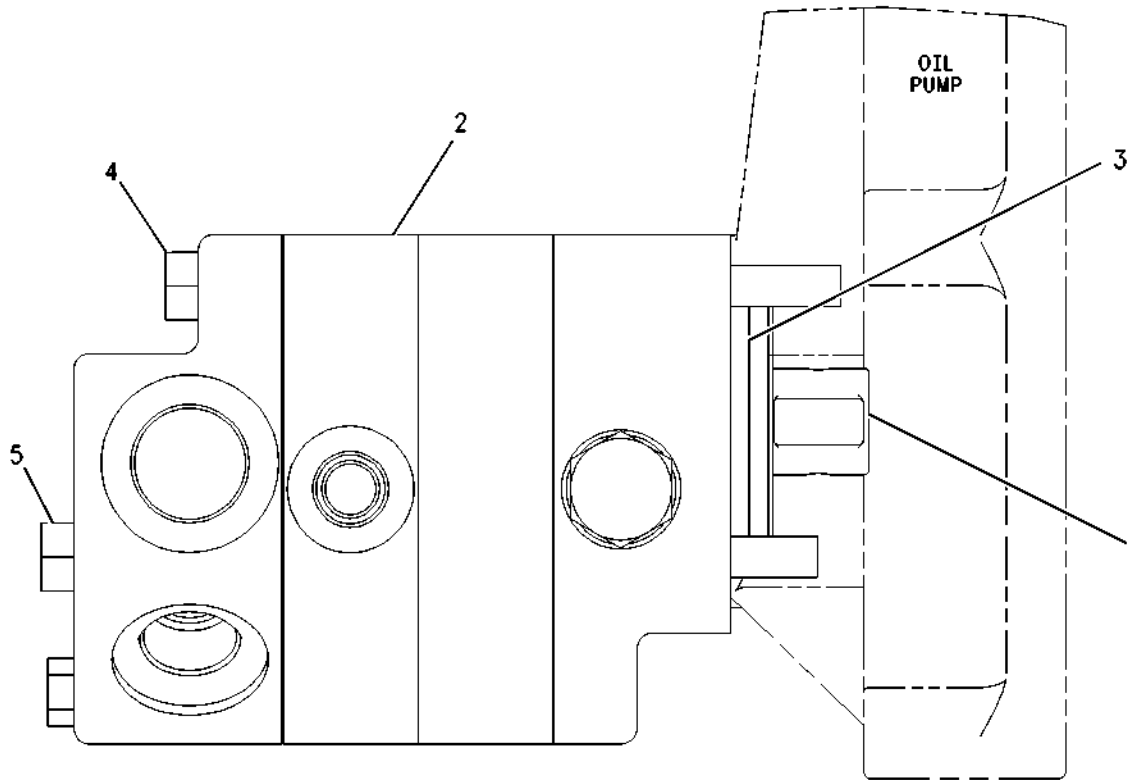
PART OF 155-5556 ENGINE AR

SMCS-1256

i01488765

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1N-4636	1	COUPLING-DRIVE						
CYR	2	1	169-8615	1	PUMP GP-FUEL TRANSFER						232
	3	1	1H-9696	1	SEAL-O-RING						
	4	1	3H-3243	2	BOLT (5/16-18X4.75 IN)						
	5	1	5L-1761	2	BOLT (5/16-18X5.5 IN)						

C-CHANGE FROM PREVIOUS TYPE
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00773828

FUEL SYSTEM

8N-6151 PUMP GP-FUEL TRANSFER

S/N: 2GR4159-UP

ONE SECTION GEAR

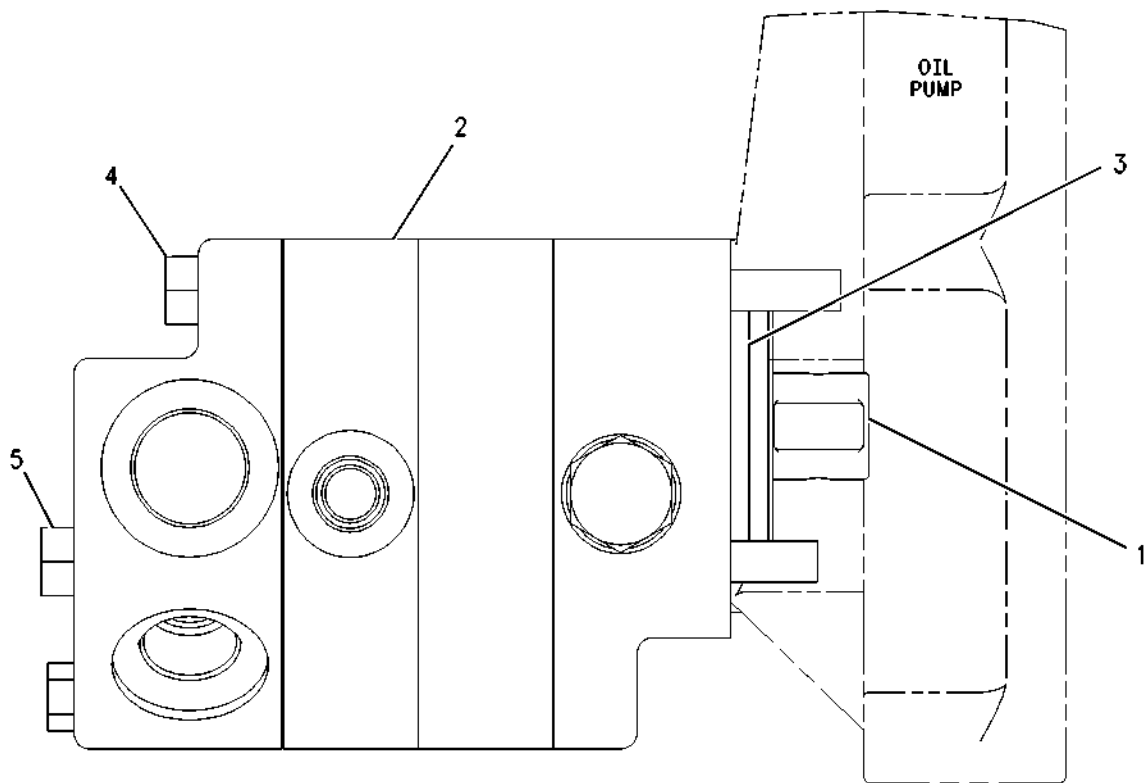
PART OF 155-5556 ENGINE AR

SMCS-1256

i01834323

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1N-4636	1	COUPLING-DRIVE						
CY	2	1	225-4260	1	PUMP GP-FUEL TRANSFER						234
	3	1	1H-9696	1	SEAL-O-RING						
	4	1	3H-3243	2	BOLT (5/16-18X4.75 IN)						
	5	1	5L-1761	2	BOLT (5/16-18X5.5 IN)						

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00773828

FUEL SYSTEM

169-8615 PUMP GP-FUEL TRANSFER*R

S/N: 2GR1180-4158

ONE SECTION GEAR

PART OF 8N-6151 PUMP GP-FUEL TRANSFER

SMCS-1256

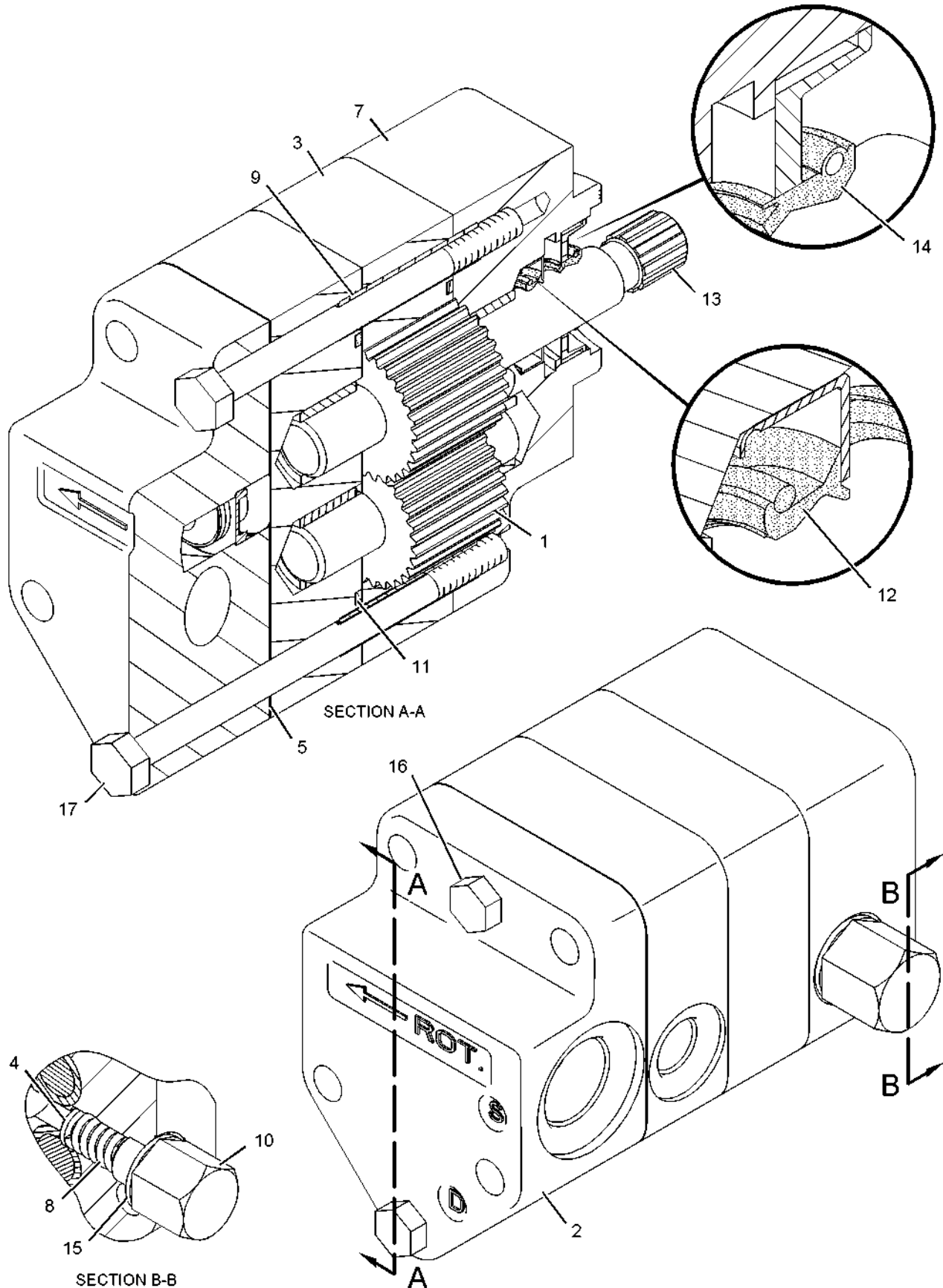
i02001188

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-4003	1	GEAR AS-IDLER						
	2	1	1W-4005	1	HEAD AS						
		1	1W-4009	1	VALVE AS						
3		1	1W-4006	1	CASING						
4		1	1W-4007	1	POPPET-VALVE (RELIEF)						
5		1	1W-4008	1	GASKET						
6		1	1W-4010	1	PLATE AS						
		1	7C-2870	2	BUSHING-TERMINAL						
7		1	1W-4121	1	BRACKET AS						
		1	7C-2870	2	BUSHING-TERMINAL						
8		1	1W-4655	1	SPRING-RELIEF VALVE						
9		1	1W-6935	2	SLEEVE						
10		1	1W-6936	1	CAP						
11		1	6V-0895	2	SEAL-O-RING						
12		1	112-3597	1	SEAL-LIP TYPE						
13		1	124-9437	1	SHAFT AS-DRIVE						
14		1	169-8617	1	SEAL-LIP TYPE						
15		1	7W-3556	1	WASHER (146.03X213X8MM THK)						
16		1	8F-8178	1	BOLT (1/4-20X3.25 IN)						
17		1	8S-4710	1	BOLT (1/4-20X4 IN)						

FUEL SYSTEM

169-8615 PUMP GP - FUEL TRANSFER (contd.)

i02001188



GRAPHIC #1

<END>

g01036070

FUEL SYSTEM

225-4260 PUMP GP-FUEL TRANSFER

S/N: 2GR4159-UP

ONE SECTION GEAR

PART OF 8N-6151 PUMP GP-FUEL TRANSFER

SMCS-1256

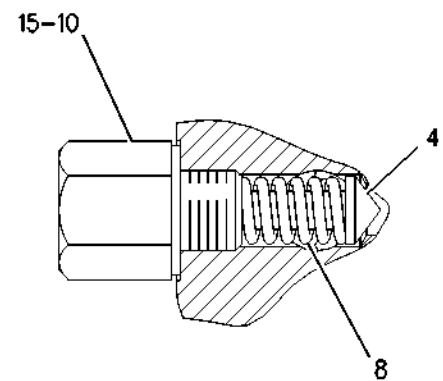
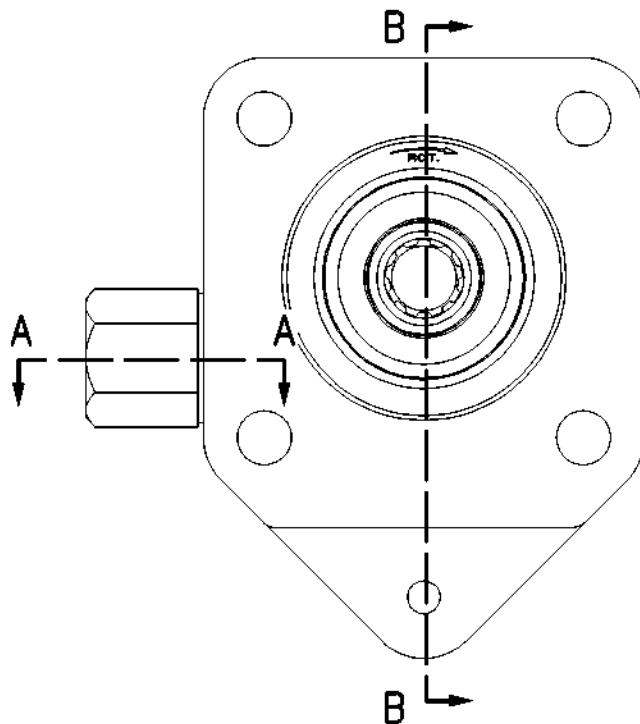
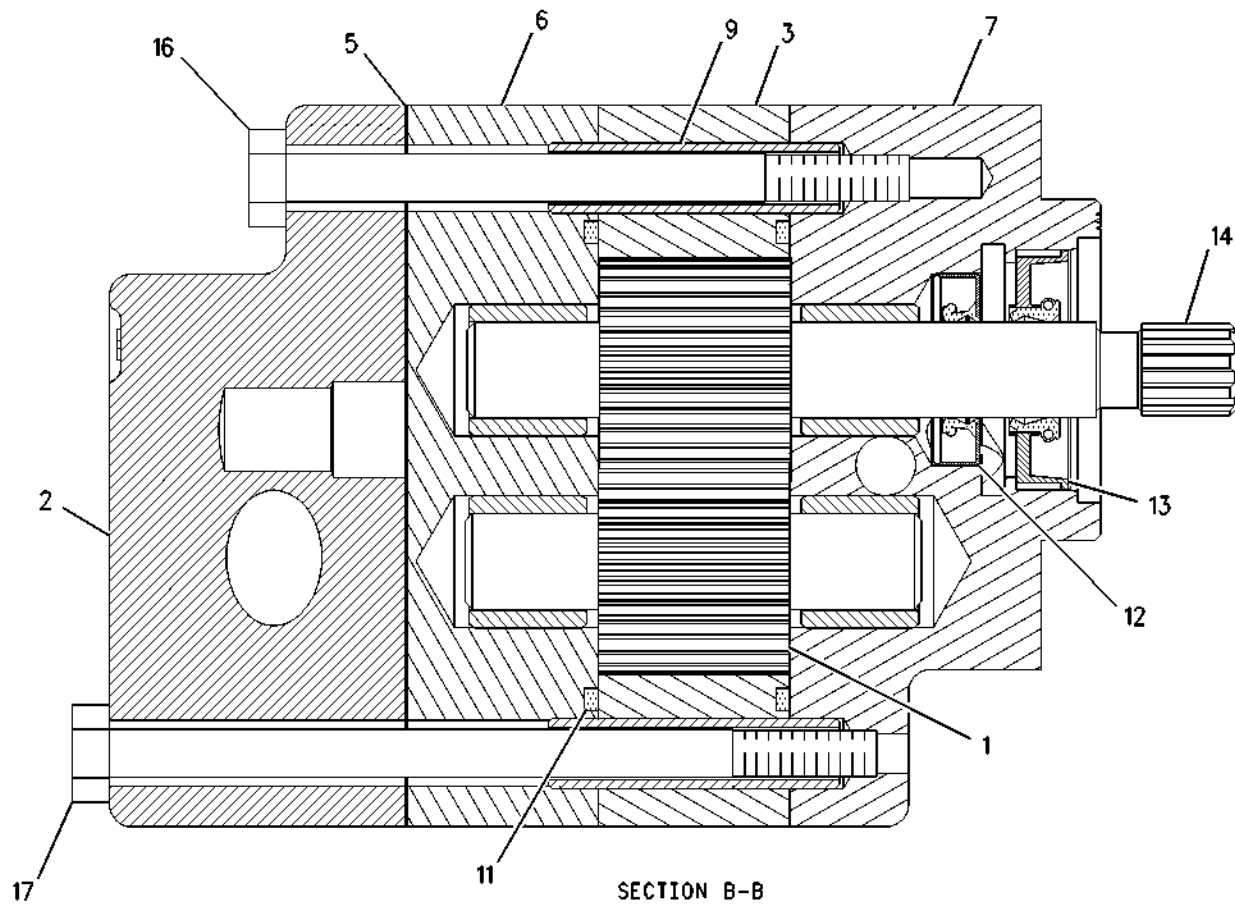
i01974398

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-4003	1	GEAR AS-IDLER						
	2	1	1W-4005	1	HEAD AS						
		1	1W-4009	1	VALVE AS						
	3	1	1W-4006	1	CASING						
	4	1	1W-4007	1	POPPET-VALVE (RELIEF)						
	5	1	1W-4008	1	GASKET						
	6	1	1W-4010	1	PLATE AS						
		1	7C-2870	2	BUSHING-TERMINAL						
	7	1	1W-4121	1	BRACKET AS						
		1	7C-2870	2	BUSHING-TERMINAL						
	8	1	1W-4655	1	SPRING-RELIEF VALVE						
	9	1	1W-6935	2	SLEEVE						
	10	1	1W-6936	1	CAP						
	11	1	6V-0895	2	SEAL-O-RING						
	12	1	112-3597	1	SEAL-LIP (INNER)						
	13	1	169-8617	1	SEAL-LIP TYPE (OUTER)						
	14	1	225-4259	1	SHAFT AS-DRIVE						
	15	1	7W-3556	1	WASHER (146.03X213X8MM THK)						
	16	1	8F-8178	1	BOLT (1/4-20X3.25 IN)						
	17	1	8S-4710	1	BOLT (1/4-20X4 IN)						

FUEL SYSTEM

225-4260 PUMP GP - FUEL TRANSFER (contd.)

i01974398



GRAPHIC #1

<END>

g00954635

FUEL SYSTEM

158-5031 TANK GP-FUEL

S/N: 7PZ1-UP

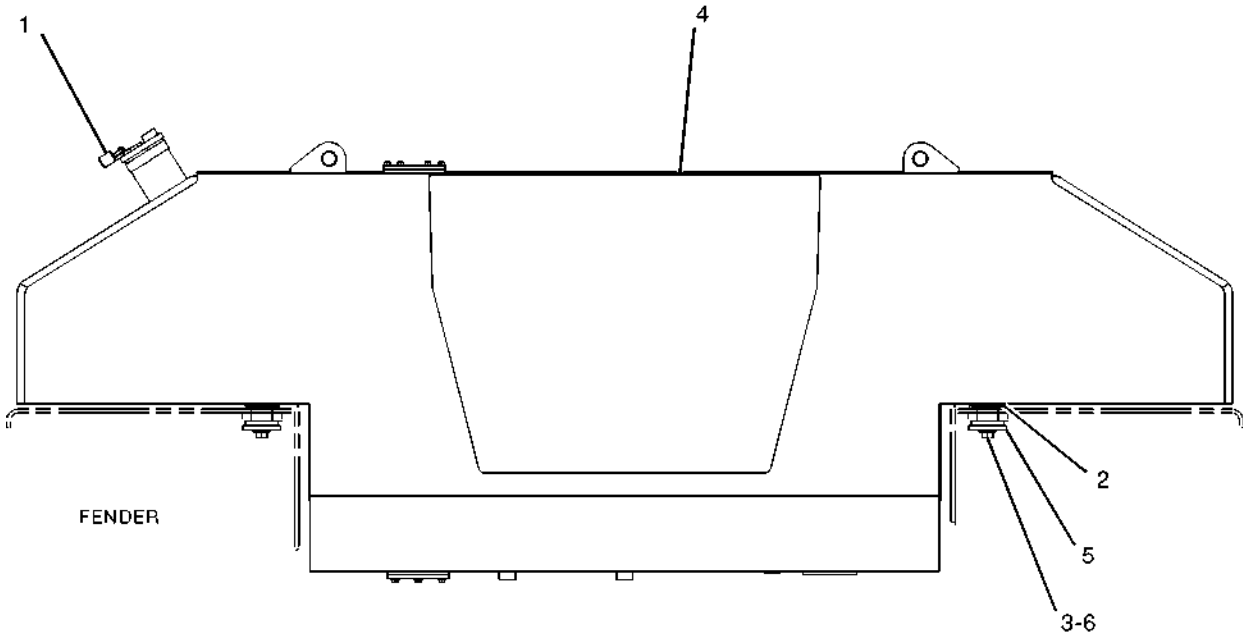
1609 LITER (425 GAL)

PART OF 155-5552 CHASSIS AR

SMCS-1273

i01988521

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-8502	1	PADLOCK GP (FUEL TANK)						
		1	5P-8500	1	KEY						
		1	8Y-6364	1	SLEEVE						
	2	1	6T-6080	12	MOUNTING						
	3	1	8T-9311	6	BOLT (3/4-10X4.50 IN)						
Y	4	1	204-4439	1	TANK GP-FUEL						239
	5	1	6T-6079	6	WASHER (20X100X12MM THK)						
	6	1	7X-0582	6	WASHER-HARD (20X44.5X6MM THK)						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01027365

FUEL SYSTEM

202-0502 TANK GP-FUEL

S/N: 7PZ754-UP

1989.75 LITER (525 GAL)

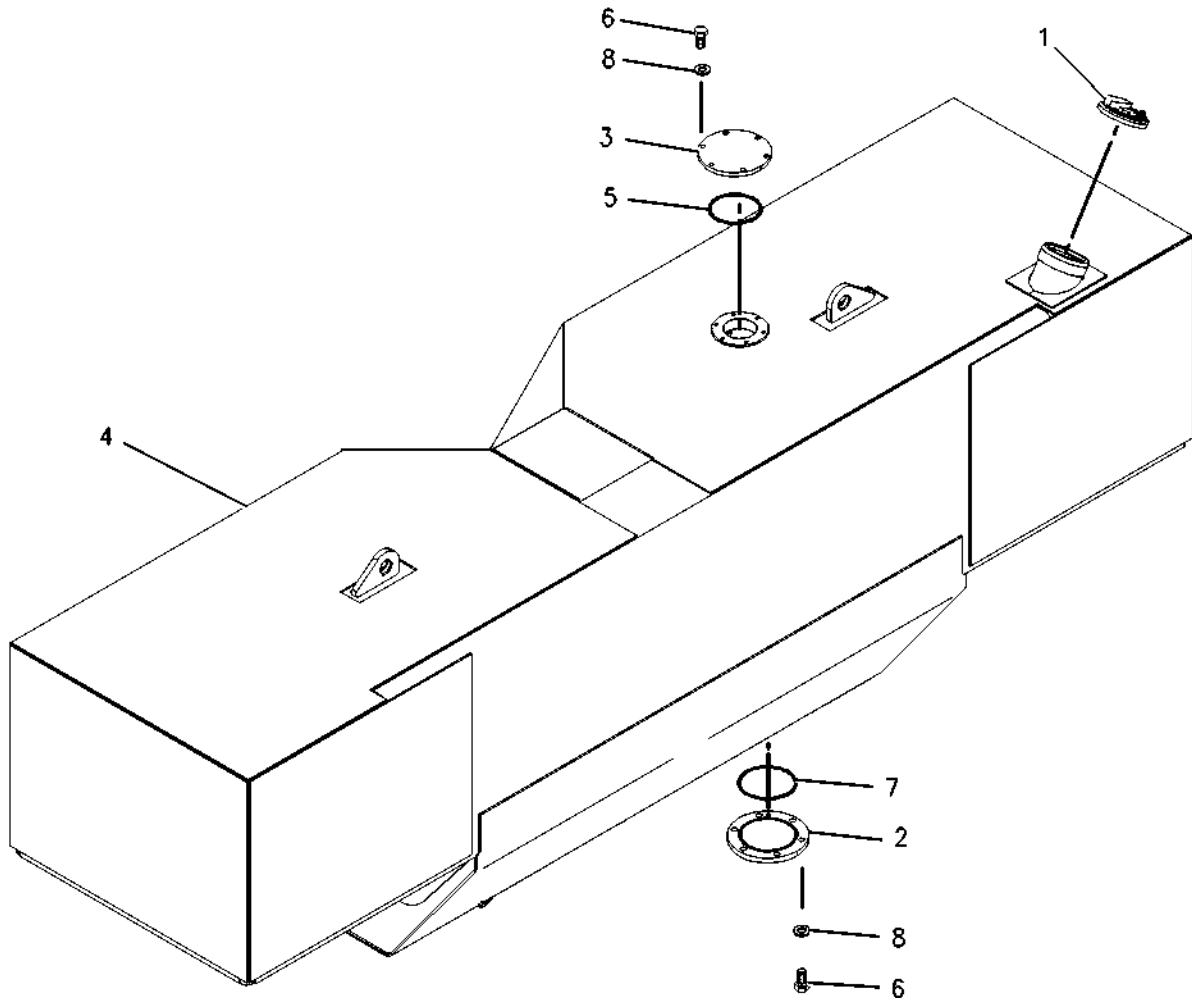
PART OF 202-0503 TANK GP-FUEL

AN ATTACHMENT

SMCS-1273

i01811997

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-7700	1	CAP AS-FUEL TANK (VENTED LOCKING)						
		1	9X-2205	1	KIT-CAP FILTER (FUEL TANK)						
		1	9X-8600	1	SEAL-O-RING						
	2	1	164-3417	1	COVER						
	3	1	187-1679	1	COVER						
	4	1	222-4434	1	TANK AS-FUEL						
	5	1	1H-8128	1	SEAL-O-RING						
	6	1	4L-6454	12	BOLT (3/8-16X1 IN)						
	7	1	5H-6734	1	SEAL-O-RING						
	8	1	8T-4896	12	WASHER-HARD (10.2X18.5X2.5MM THK)						



GRAPHIC #1

<END>

g00934913

FUEL SYSTEM

202-0503 TANK GP-FUEL

S/N: 7PZ754-UP

1989.75 LITER (525 GAL)

PART OF 237-0138 PLATFORM AR
AN ATTACHMENT

SMCS-1273

i01844146

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	202-0502	1	TANK GP-FUEL						237
	8T-9311	6	BOLT (3/4-10X4.50 IN)						
	202-1390	1	FILM-STRIPE (FUEL TANK) (REAR RIGHT SIDE)						
	202-1391	1	FILM-STRIPE (FUEL TANK) (REAR LEFT SIDE)						
	202-1392	1	FILM-STRIPE (FUEL TANK) (REAR LEFT SIDE)						
	202-1393	1	FILM-STRIPE (FUEL TANK) (REAR RIGHT SIDE)						
	6T-6080	12	MOUNTING						
	5P-8502	1	PADLOCK GP (FUEL TANK)						
	5P-8500	1	KEY						
	9P-7121	1	STRAINER-FUEL (TANK)						
	6T-6079	6	WASHER (20X100X12MM THK)						
	7X-0582	6	WASHER-HARD (20X44.5X6MM THK)						
			*****STANDARD REMOVALS*****						
N	158-5031	1	TANK GP-FUEL						
L	3E-9733	1	FILM-STRIPE						
L	3E-9736	1	FILM-STRIPE						
L	173-1638	1	FILM-STRIPE						
L	173-1639	1	FILM-STRIPE						
L-PART OF STANDARD FILM GP N-PART OF STANDARD TANK GP-FUEL Y-SEPARATE ILLUSTRATION									

<END>

FUEL SYSTEM

204-4439 TANK GP-FUEL

S/N: 7PZ1-UP

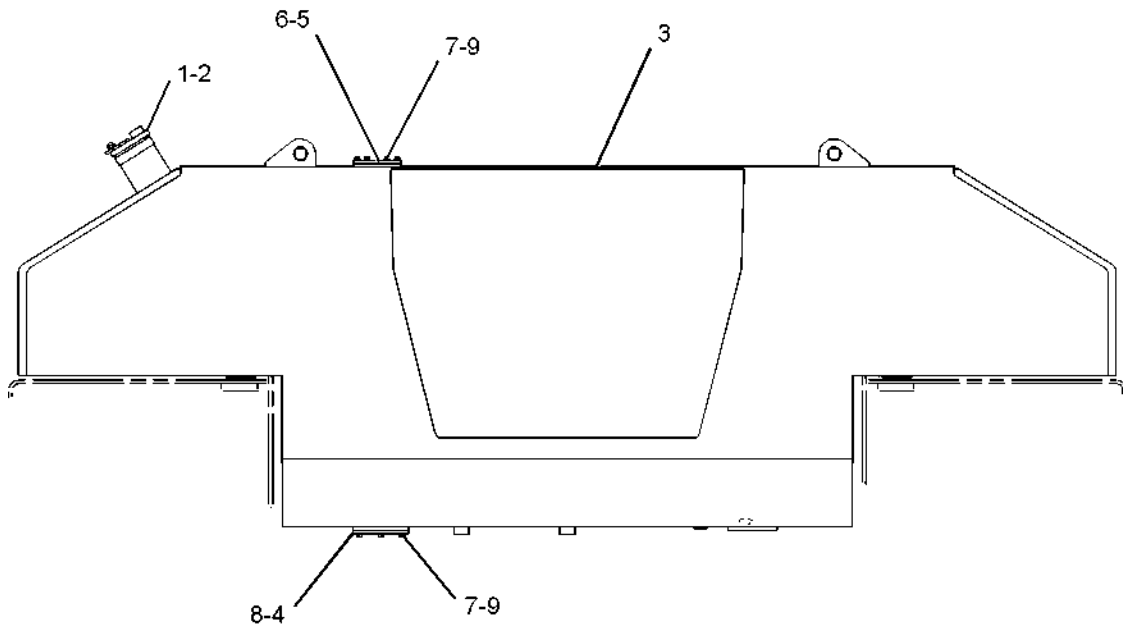
1609 LITER (425 GAL)

PART OF 158-5031 TANK GP-FUEL

SMCS-1273

i02023461

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	7X-7700	1	CAP AS-FILLER (FUEL, LOCKING, VENTED)	
		1	9X-8600	1	SEAL-O-RING	
		1	9X-2205	1	KIT-CAP FILTER (FUEL TANK)	
					(INCLUDES FILTER AS., SCREWS, GASKETS & VALVE)	
2		1	9P-7121	1	STRAINER-FUEL (TANK)	
3		1	158-5032	1	TANK AS	
4		1	164-3417	1	COVER	
5		1	187-1679	1	COVER	
6		1	1H-8128	1	SEAL-O-RING	
7		1	4L-6454	12	BOLT (3/8-16X1-IN)	
8		1	5H-6734	1	SEAL-O-RING	
9		1	8T-4896	12	WASHER-HARD (10.2X18.5X2.5-MM THK)	



FRONT VIEW

<END>

GRAPHIC #1

g01044649

ELECTRICAL AND STARTING SYSTEM

3E-6328 ALARM GP-EMS ACTION

S/N: 7PZ1-UP

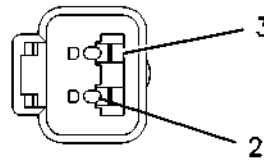
24 VOLT

PART OF 156-9937 WIRING GP-PLATFORM

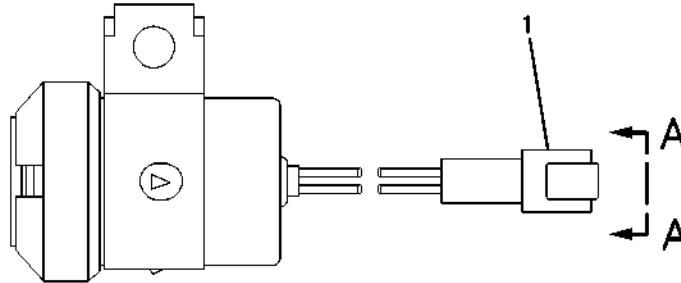
SMCS-7400, 7402, 7407

i02021589

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	186-3735	2	PIN-CONNECTOR						
	3	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						



VIEW A-A



GRAPHIC #1

<END>

g00826023

ELECTRICAL AND STARTING SYSTEM

165-5140 ALTERNATOR GP-CHARGING

S/N: 2GR1180-3457

24 VOLT, 100 AMPERE

PART OF 155-5556 ENGINE AR

SMCS-1405

i01242199

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
			(NO SERVICED PARTS)						
			<END>						

ELECTRICAL AND STARTING SYSTEM

197-8820 ALTERNATOR GP-CHARGING*R

S/N: 2GR3867-UP
24 VOLT, 95 AMPERE
PART OF 155-5556 ENGINE AR

SMCS-1405

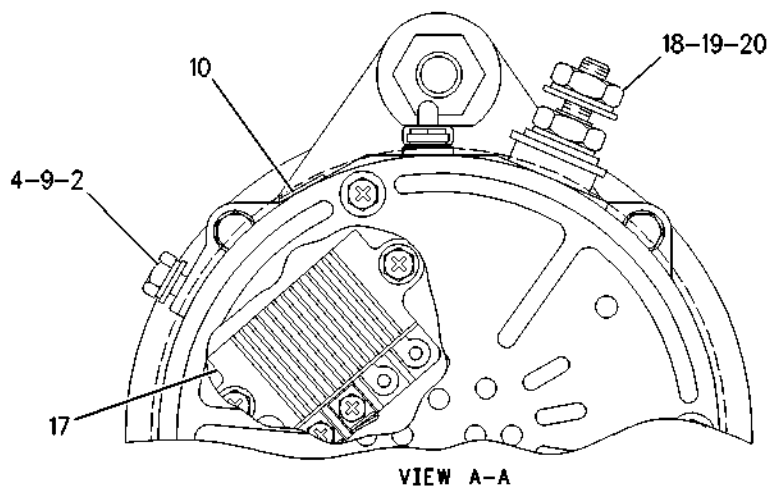
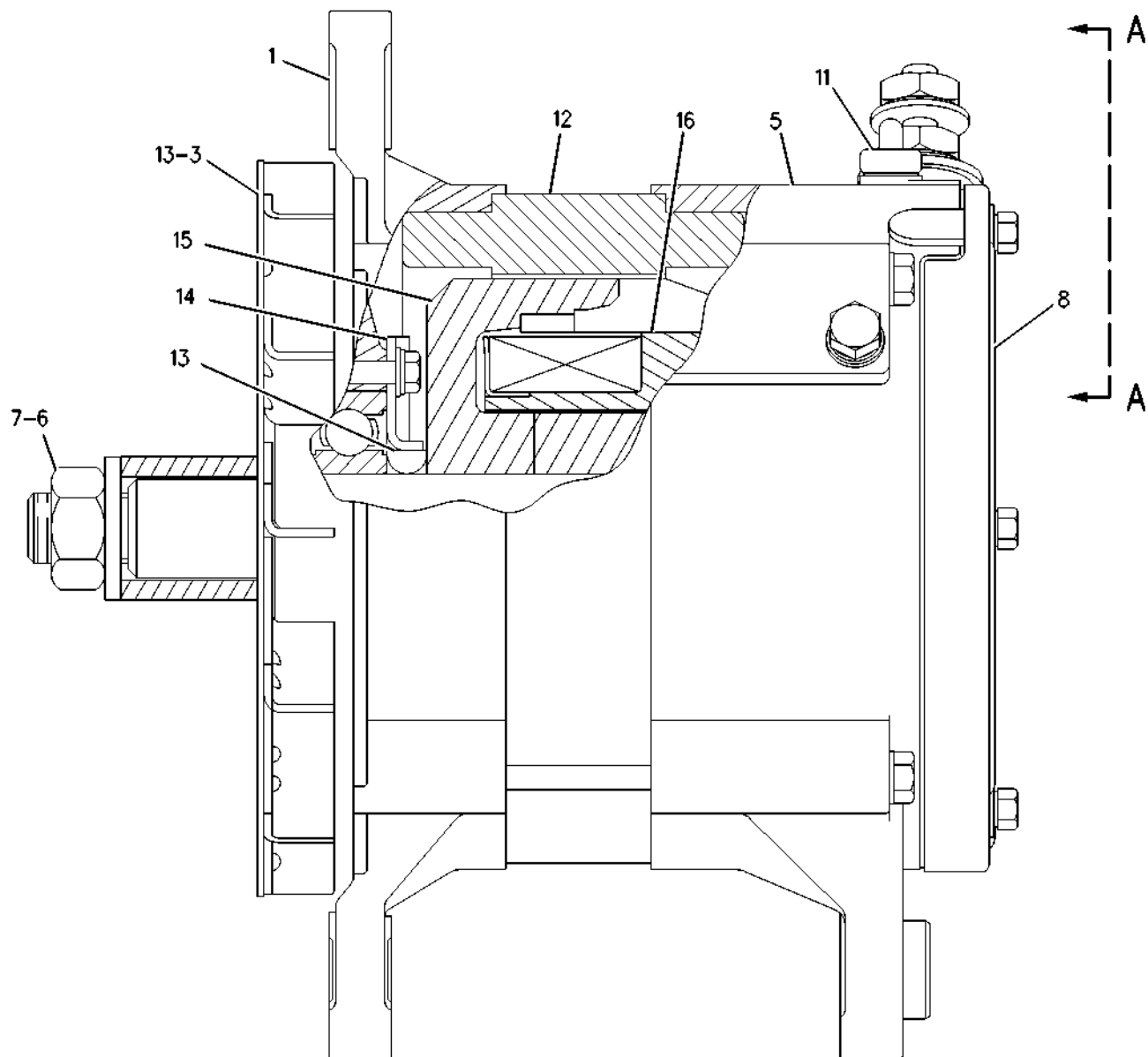
i01979063

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	185-2653	1	FRAME	
	2	1	5S-7349	1	BOLT (1/4-20X0.5 IN)	
	3	1	185-2639	1	FAN AS	
	4	1	1H-3244	1	LOCKWASHER	
	5	1	185-2645	1	FRAME	
	6	1	2K-4821	1	LOCKNUT (5/8-18 THD)	
	7	1	5P-8247	1	WASHER-HARD (17X32X3.5MM THK)	
	8	1	185-2651	1	COVER	
	9	1	8T-4205	1	WASHER-HARD (7.2X14.5X2MM THK)	
	10	1	185-2647	1	GROMMET	
	11	1	9L-6770	1	CAP (ALTERNATOR AC TAP)	
	12	1	205-0626	1	STATOR AS-ALTERNATOR	
	13	1	185-2638	2	COLLAR	
	14	1	185-2654	1	PLATE	
	15	1	185-2650	1	ROTOR AS	
	16	1	185-2644	1	COIL AS	
	17	1	185-2648	1	REGULATOR AS	
	18	1	6V-8189	1	NUT (5/16-18 THD)	
	19	1	8T-4224	1	WASHER-HARD (8.8X16X2MM THK)	
	20	1	3F-9556	1	LOCKWASHER	
					AVAILABLE REPAIR KIT(S) :	
			185-2655		KIT-BEARING (ALTERNATOR)	
					(INCLUDES 2 BEARINGS)	
			199-8436		KIT-TERMINAL (ALTERNATOR)	
					(INCLUDES HOLDER AS, PLATE, INSULATOR, PIN, BOLTS, GROMMET, AND NUT	
			199-7891		KIT-TERMINAL (ALTERNATOR)	
					(INCLUDES INSULATORS, WASHERS, AND NUTS)	
			185-2658		KIT-HARDWARE (ALTERNATOR)	
					(INCLUDES BOLTS)	

ELECTRICAL AND STARTING SYSTEM

197-8820 ALTERNATOR GP - CHARGING (contd.)

i01979063



GRAPHIC #1

<END>

g00873198

ELECTRICAL AND STARTING SYSTEM

200-8277 ALTERNATOR GP-CHARGING*R

S/N: 2GR3458-3866

24 VOLT, 100 AMPERE

PART OF 155-5556 ENGINE AR

SMCS-1405

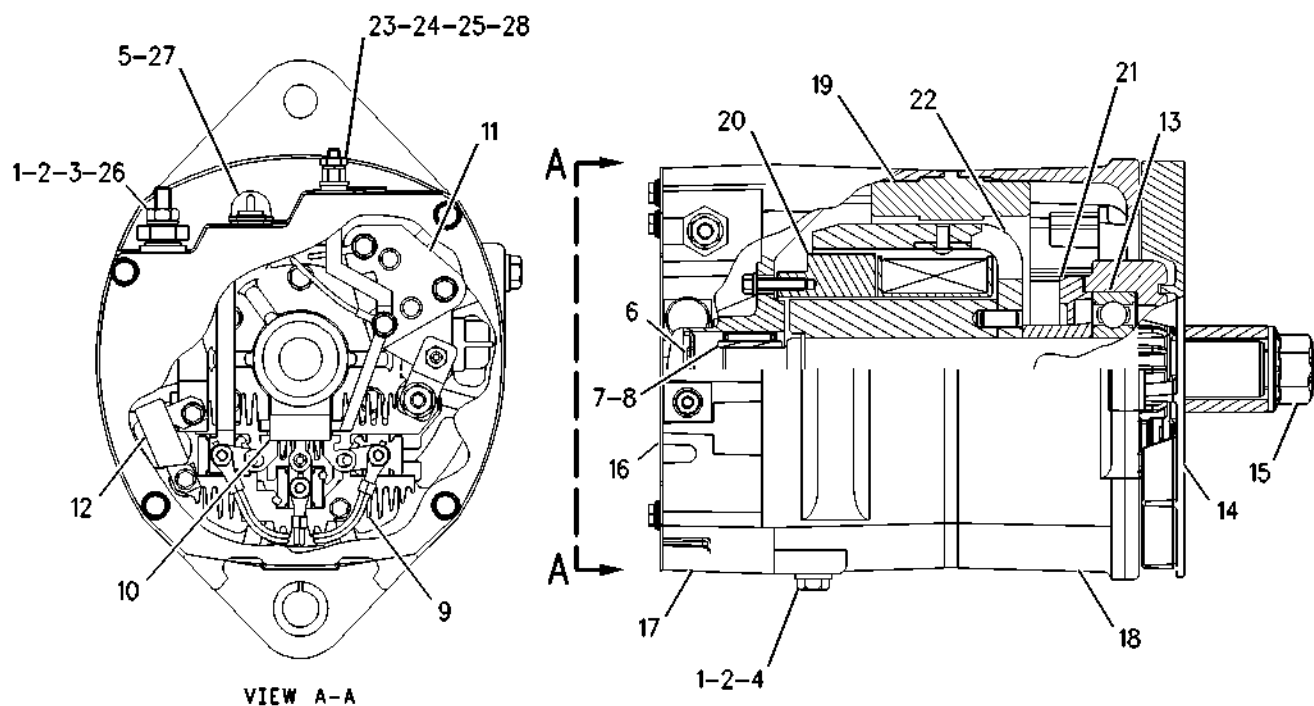
i01901622

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8T-4205	2	WASHER-HARD (7.2X14.5X2MM THK)	
	2	1	1H-3244	2	LOCKWASHER	
	3	1	6V-8187	1	NUT (1/4-28 THD)	
	4	1	5S-7349	1	BOLT (1/4-20X0.5 IN)	
	5	1	9L-6770	1	CAP	
	6	1	9N-0943	1	PLUG-BEARING WELL	
	7	1	5P-3418	1	BEARING-ROLLER	
	8	1	5P-3419	1	RACE-BEARING INNER	
	9	1	132-1225	1	RECTIFIER AS-ALTERNATOR	
	10	1	202-2708	1	DIODE AS	
	11	1	3T-6354	1	REGULATOR AS (24 VOLT)	
	12	1	3E-5458	1	CAPACITOR AS-ALTERNATOR	
	13	1	202-9897	1	BEARING-SPECIAL BALL	
	14	1	100-6531	1	FAN-ALTERNATOR	
	15	1	187-2034	1	NUT-FLANGE (5/8-18 THD)	
	16	1	202-2783	1	PLATE	
	17	1	202-2699	1	HOUSING AS	
	18	1	202-2700	1	FRAME	
	19	1	202-2707	1	STATOR AS-ALTERNATOR	
	20	1	202-2703	1	COIL AS	
	21	1	9S-2390	1	RETAINER	
	22	1	9S-2302	1	ROTOR AS	
	23	1	4B-2047	1	NUT (10-24 THD)	
	24	1	8T-0328	1	WASHER-HARD (5.5X10X1MM THK)	
	25	1	8F-1434	1	LOCKWASHER	
	26	1	202-2784	1	KIT-ALTERNATOR TERMINAL (INCLUDES NUT, LOCKWASHERS, WASHERS, INSULATORS, SCREW, CONNECTOR, ADAPTER)	
	27	1	202-2785	1	KIT-ALTERNATOR TERMINAL (INCLUDES STUD, BUSHINGS, WASHERS, CONNECTOR, NUT)	
	28	1	202-2786	1	KIT-ALTERNATOR TERMINAL (INCLUDES NUTS, LOCKWASHER, BUSHINGS, WASHERS, CONNECTOR, STUD)	
					AVAILABLE REPAIR KIT(S) :	
			202-2787	1	KIT-HARDWARE (ALTERNATOR) (INCLUDES NUTS, PLUG, SCREWS, LOCKWASHER, CONNECTOR, BOLTS, COLLAR, BOOT)	

ELECTRICAL AND STARTING SYSTEM

200-8277 ALTERNATOR GP - CHARGING (contd.)

i01901622



GRAPHIC #1

<END>

g00825731

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP

S/N: 7PZ1-717

PART OF 155-5552 CHASSIS AR

SMCS-1401, 1402, 1408

i02029652

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	4	174-7875	1	HORN AS (24-VOLT, HIGH TONE)	
	2	4	163-1201	1	HORN AS (24-VOLT, LOW TONE)	
	3	1, 3, 4	5M-3062	12	BOLT (3/8-16X0.75-IN)	
	4	1, 3	7G-1060	5	STRAP AS-GROUND	
	5	1, 4	137-0248	6	GROMMET-SPLIT	
	6	4	161-6600	1	HARNESS AS (RADIATOR GUARD)	
		4	102-8801	1	KIT-RECEPTACLE (12-PIN)	
		4	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		4	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		4	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDE RECEPTACLE AS & WEDGE)	
		4	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		4	155-2270		KIT-CONNECTING PLUG (2-PIN)	
		4	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
		4	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(INCLUDE PLUG AS & WEDGE)	
B	7	1, 2, 3, 4, 5	7K-1181	85	STRAP-CABLE	
	8	3	6V-5051	1	SEAL-O-RING	
	9	2	8T-2502	4	BOLT (3/8-16X1.125-IN)	
	10	3	9B-7237	3	BOLT (3/8-16X1.25-IN)	
	11	2	177-5211	1	HARNESS AS (TRANSMISSION)	
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	12	1, 2, 5	4L-6454	9	BOLT (3/8-16X1-IN)	
	13	1, 2, 3	4P-7581	5	CLIP	
	14	4	132-6545	2	HARNESS AS (SIDE LIGHTS)	
		4	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		4	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
	15	5	5P-2228	3	BOLT (1/2-13X1-IN)	
	16	3	111-4402	1	FILTER-FOAM (FUEL SENSOR)	
	17	3	3E-7753	1	FLOAT AS	
	18	1	3K-6060	4	LOCKNUT (3/8-16-THD)	
	19	1	153-6281	2	HOLD DOWN AS	
	20	1	9X-9730	4	BATTERY (12-VOLT)	
					(EACH INCLUDES)	
		1	7N-0060	6	VENT AS (BATTERY)	
	21	1	8V-0622	2	CABLE AS	
					(EACH INCLUDES)	
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6119	2	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	2	NUT (5/16-18-THD)	
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
E		1	5P-0761		CABLE (00-GA, RED) (14CM)	
		1	9G-0003	2	COVER-TERMINAL (BLACK)	
		1	9G-0004	2	COVER-TERMINAL (RED)	
	22	1	132-6289	1	CABLE AS	
		1	9G-8909	1	COVER-TERMINAL (BLACK)	
		1	1S-4915	2	LINER (CONDUIT)	
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
E		1	5P-0747		CABLE (00-GA, BLACK) (205CM)	
BE		1	5P-0695		CONDUIT	
BE		1	8T-2225		TUBE-HEAT SHRINK	
		1	3S-2093	1	STRAP-CABLE	

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

i02029652

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	7N-5274	1	COVER-TERMINAL (BLACK)						
		1	3S-6050	1	TERMINAL AS-BATTERY (NEGATIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	23	1	9W-9472	1	CABLE AS						
E		1	5P-0761		CABLE (00-GA, RED) (152CM)						
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)						
		1	8N-0869	1	COVER-TERMINAL (RED)						
BE		1	5P-0695		CONDUIT						
		1	1S-4915	2	LINER (CONDUIT)						
BE		1	8T-2225		TUBE-HEAT SHRINK						
		1	3S-2093	1	STRAP-CABLE						
		1	8N-1725	1	COVER-TERMINAL (RED)						
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6120	1	NUT (5/16-18-THD)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
	24	1	132-6290	1	CABLE AS						
		1	1S-4915	2	LINER (CONDUIT)						
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)						
E		1	5P-0761		CABLE (00-GA, RED) (320CM)						
BE		1	5P-0695		CONDUIT						
BE		1	8T-2225		TUBE-HEAT SHRINK						
		1	3S-2093	1	STRAP-CABLE						
		1	8N-1725	1	COVER-TERMINAL (RED)						
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	25	3,5	7B-1251	8	GROMMET						
	26	3	160-0635	1	HARNESS AS (RH FENDER)						
		1	113-0580	2	RECEPTACLE AS (40-PIN)						
		3	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		3	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(EACH INCLUDE RECEPTACLE AS & WEDGE)						
		1	110-6846	1	PLUG AS-CONNECTOR (40-PIN)						
		1	110-6847	1	PLUG AS-CONNECTOR (40-PIN)						
		3	155-2269	1	PLUG AS-CONNECTOR (2-PIN)						
		3	155-2272	1	PLUG AS-CONNECTOR (4-PIN)						
		3	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		3	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDE PLUG AS & WEDGE)						
Y	27	2	118-7226	1	SENSOR GP-TEMPERATURE (STEERING OIL)						349
	28	1,2,3	3J-1907	3	SEAL-O-RING						
Y	29	3	124-9325	1	SENSOR GP-FUEL LEVEL (ULTRASONIC)						329
	30	3	8T-2501	4	BOLT (3/8-16X2-IN)						
	31	1	4P-7582	2	CLIP						
	32	3,5	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
	33	3	6T-5268	2	CABLE AS						
					(EACH INCLUDES)						
E		3	5P-0761		CABLE (00-GA, RED) (185CM)						
		3	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)						
		3	8N-0869	2	COVER-TERMINAL (RED)						
BE		3	8T-2225		TUBE-HEAT SHRINK						
		3	1S-4915	2	LINER (CONDUIT)						
BE		3	5P-0695		CONDUIT						
	34	3	8D-9671	1	CLIP						
	35	3	8S-0948	1	CLIP						
	36	3	5S-7379	3	BOLT (3/8-16X0.875-IN)						
Y	37	3	9W-0742	1	BLOCK GP-JUNCTION						270

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	38	3	8T-9384	2	BOLT (1/2-13X0.875-IN)	
	39	3	160-0634	1	HARNESS AS (LH FENDER)	
		3	113-0580	1	RECEPTACLE AS (40-PIN)	
		3	102-8801	1	KIT-RECEPTACLE (12-PIN)	
		3	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		3	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		3	102-8805	1	KIT-RECEPTACLE (6-PIN)	
		3	102-8806	1	KIT-RECEPTACLE (8-PIN)	
					(EACH INCLUDE RECEPTACLE AS & WEDGE)	
		3	110-6846	1	PLUG AS-CONNECTOR (40-PIN)	
		3	155-2269	1	PLUG AS-CONNECTOR (2-PIN)	
		3	155-2272	1	PLUG AS-CONNECTOR (4-PIN)	
		3	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		3	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		3	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		3	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH INCLUDE PLUG AS & WEDGE)	
	40	3	118-6365	1	PLATE AS	
		3	6V-6716	2	RIVET-TRUSS HEAD	
		3	109-1645	1	CLIP	
	41	2	8T-0151	1	ADAPTER	
	42	1	132-6287	1	CABLE AS	
		1	1S-4915	2	LINER (CONDUIT)	
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
		1	9G-8909	1	COVER-TERMINAL (BLACK)	
E		1	5P-0747		CABLE (00-GA, BLACK) (265CM)	
BE		1	5P-0695		CONDUIT	
BE		1	8T-2225		TUBE-HEAT SHRINK	
		1	3S-2093	1	STRAP-CABLE	
		1	7N-5274	1	COVER-TERMINAL (BLACK)	
		1	3S-6050	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
Y	43	2,3	164-7577	3	SWITCH GP-BYPASS (POWER TRAIN OIL)	371
Y	44	5	123-6449	1	WARNING GP-BACKUP	381
	45	5	7X-0291	2	BOLT (3/8-16X3.75-IN)	
	46	5	6T-5265	2	CABLE AS	
					(EACH INCLUDES)	
E		5	5P-0747		CABLE (00-GA, BLACK) (115CM)	
		5	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
		5	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)	
		5	9G-8909	1	COVER-TERMINAL (BLACK)	
	47	1	4P-0947	1	GROMMET	
	48	5	2Y-1834	2	CLIP	
	49	5	5K-8652	2	BRACKET	
	50	1	5C-6266	2	BOLT (5/8-11X1-IN)	
Y	51	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)	372
	52	2	6T-5269	1	RECEPTACLE AS	
		2	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)	
E		2	5P-0747		CABLE (00-GA, BLACK) (42CM)	
E		2	5P-0761		CABLE (00-GA, RED) (130CM)	
BE		2	5P-0695		CONDUIT	
		2	1S-4915	2	LINER (CONDUIT)	
BE		2	6V-2722		TUBE-HEAT SHRINK	
BE		2	8T-2225		TUBE-HEAT SHRINK	
	53	2	8S-2634	1	COVER AS	
		2	2P-2975	2	SEAL-O-RING	
	54	2	104-8636	1	CABLE AS	

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	035-0425	2	RING-TERMINAL (FOR 3/8-IN BOLT)						
E		2	5P-0744		CABLE (000-GA) (47CM) (BLACK)						
		2	5A-4252	1	CAP (COVER TERMINAL)						
	55	1	3K-0360	1	SEAL-O-RING						
	56	1,3,5	6V-8801	17	NUT (3/8-16-THD)						
	57	1,2,3,4,5	5P-1075	36	WASHER-HARD (10.2X22.5X3-MM THK)						
	58	1	113-4316	1	PLATE AS						
		1	6C-3680	6	RIVET-POP						
		1	109-1645	3	CLIP						
	59	1	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)						
	60	3	8T-4896	16	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	61	1	3E-9350	1	SWITCH AS-TEMPERATURE (POWER TRAIN OIL)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
		1	8T-8729	2	PIN-CONNECTOR						
Y	62	1	193-2550	1	SENSOR GP-SPEED (ODOMETER)						348
Y	63	1	167-1709	1	SENSOR GP-PRESSURE (FAN PUMP)						342
	64	1,3	7J-0204	3	SEAL-O-RING						
	65	2	2P-8421	1	ADAPTER-O-RING						
	66	2	3D-2824	1	SEAL-O-RING						
	67	1	6G-3432	1	ADAPTER (HEX)						
	68	1	6V-9028	1	SEAL-O-RING						
Y	69	1	134-2252	1	SENSOR GP-TEMPERATURE (POWER TRAIN OIL)						350
	70	3	3T-9549	2	ADAPTER (POWER TRAIN OIL)						
	71	3	2S-4078	2	SEAL-O-RING						
	72	1	169-4253	1	CABLE AS						
		1	1S-4915	2	LINER (CONDUIT)						
BE		1	5P-0695		CONDUIT						
		1	5P-0760		CABLE (0-GA) (240CM) (RED)						
		1	8N-0869	2	COVER-TERMINAL (RED)						
BE		1	8T-2225		TUBE-HEAT SHRINK						
		1	170-3793	1	RING-TERMINAL						
		1	174-0129	1	RING-TERMINAL						
	73	1	169-4256	1	CABLE AS						
		1	1S-4915	2	LINER (CONDUIT)						
BE		1	5P-0695		CONDUIT						
		1	5P-0760		CABLE (0-GA) (120CM) (RED)						
		1	8N-0869	2	COVER-TERMINAL (RED)						
BE		1	8T-2225		TUBE-HEAT SHRINK						
		1	170-3795	2	RING-TERMINAL						
Y	74	1	164-9436	1	BLOCK GP-POWER						271
	75	1,3	109-5735	2	PLATE AS						
					(EACH INCLUDES)						
		1,3	6V-6716	4	RIVET-TRUSS HEAD						
		1,3	109-1645	2	CLIP						
Y	76	3	155-3549	1	SENSOR GP-PRESSURE (MAIN PUMP PRESSURE)						338
Y	77	3	155-3549	1	SENSOR GP-PRESSURE (MAIN TILT PRESSURE)						338
	78	3	8S-0024	2	CLIP (TAB)						
B	79	2	102-8802	4	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
					(FOR USE WITHOUT RIPPER)						
B	80	2	9G-3695	8	PLUG (GROMMET SEALING)						
					(FOR USE WITHOUT RIPPER)						
	81	2	163-0263	1	WIRE AS						
BD	82	2	5P-6025		LOCKWIRE (100-CM)						
	85	2	124-8957	1	PLATE AS						
		2	7T-1099	3	LINK						

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

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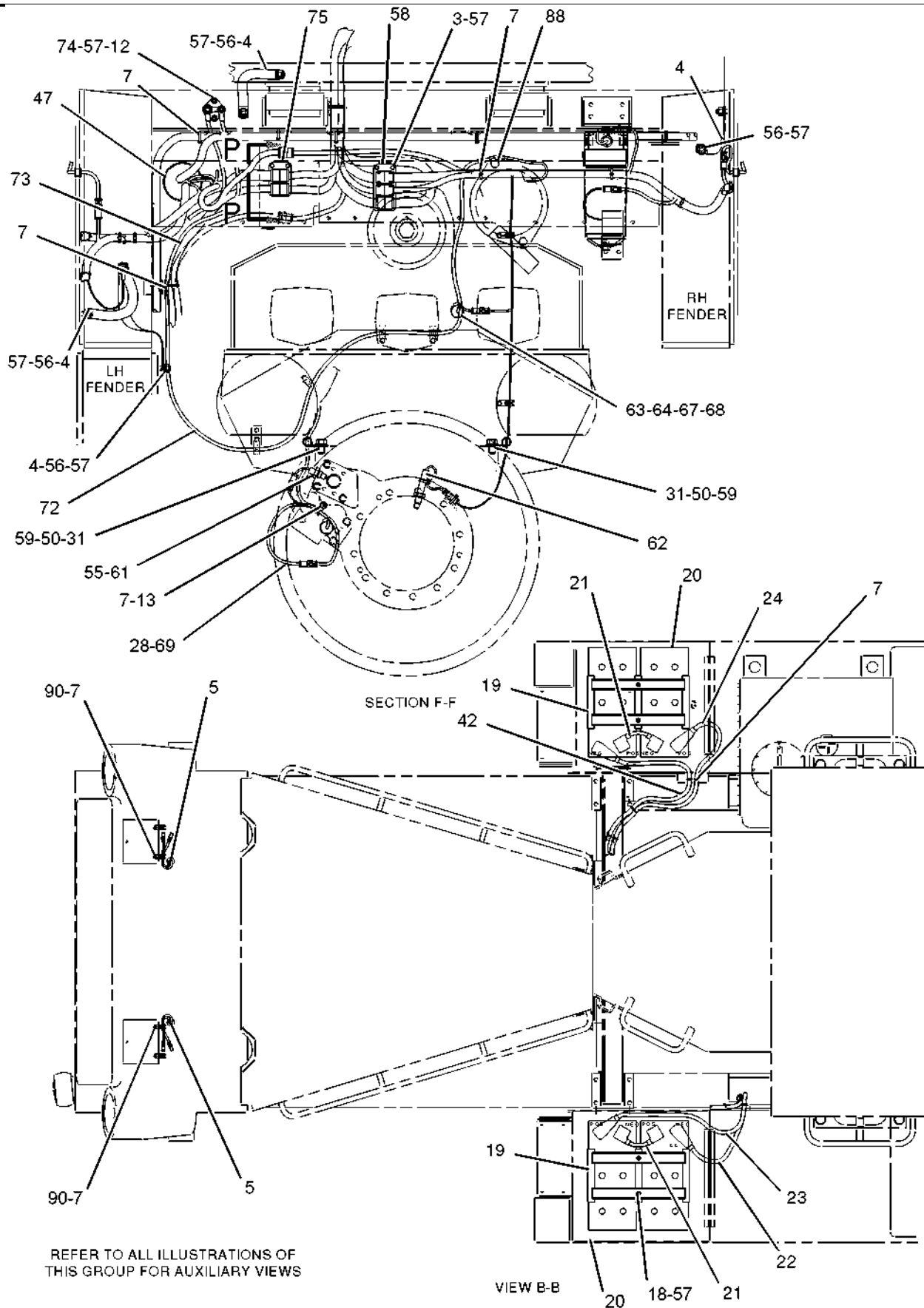
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	86	2	5P-2424	1	BOLT (1/2-13X2.25-IN)						
					(FOR USE WITHOUT RIPPER)						
B	87	2	7J-8673	1	PIPE						
					(FOR USE WITHOUT RIPPER)						
B	88	1	1S-1015	1	CLIP						
	89	2	4P-8134	3	CLIP						
	90	1,5	4P-7428	3	CLIP						
	91	3	034-3665	1	STRAP-GROUNDING						
Y	92	3	134-2252	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)						350
	93	3	8S-0023	2	CLIP (SLOT)						
B	94	2	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
					FOR USE WITHOUT RIPPER						
B	95	2	4P-8134	1	CLIP						
					FOR USE WITHOUT RIPPER						
	96	3	221-7682	1	HARNESS AS (PRESSURE SENSOR JUMPER)						
		3	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

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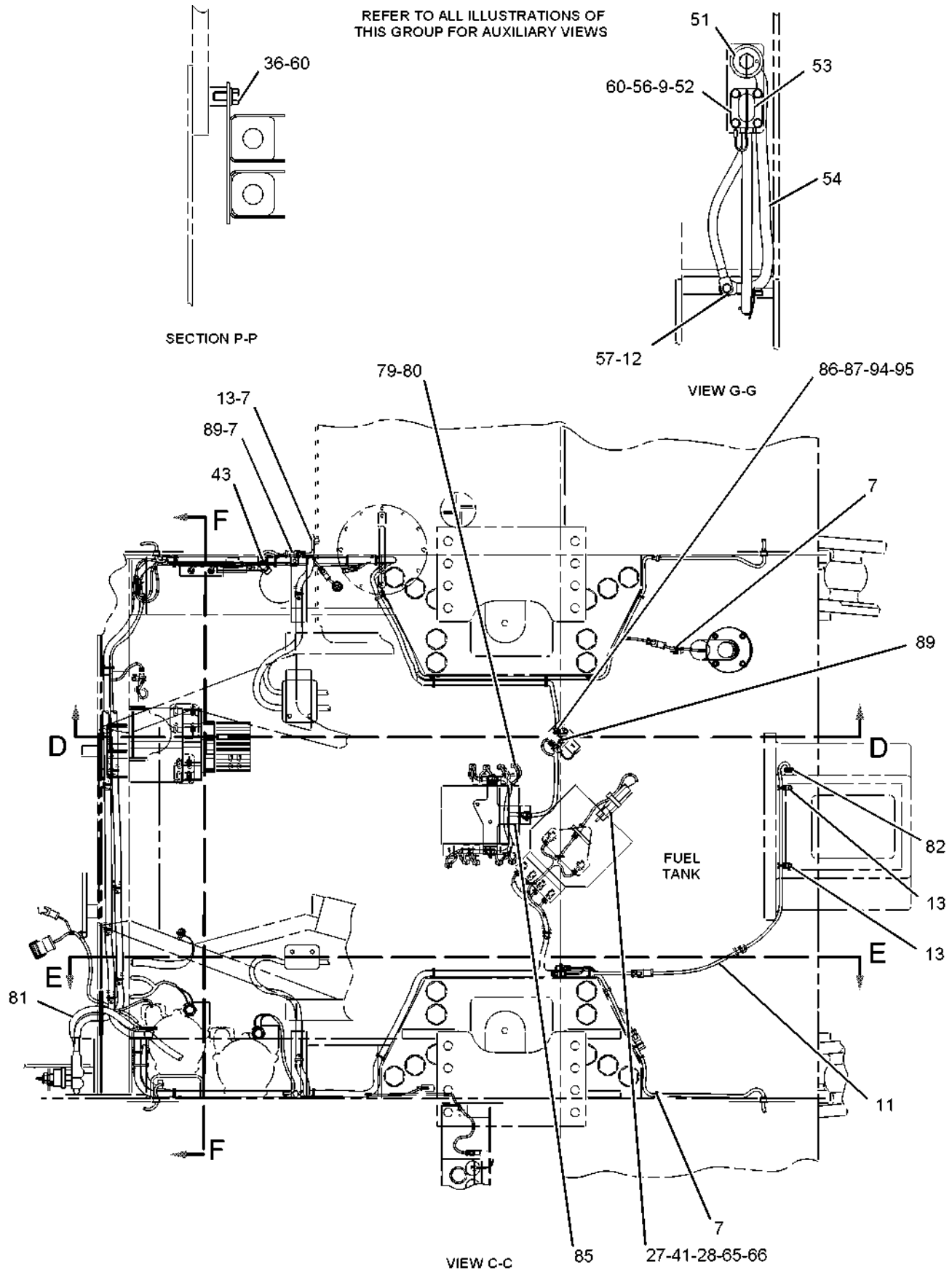
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ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

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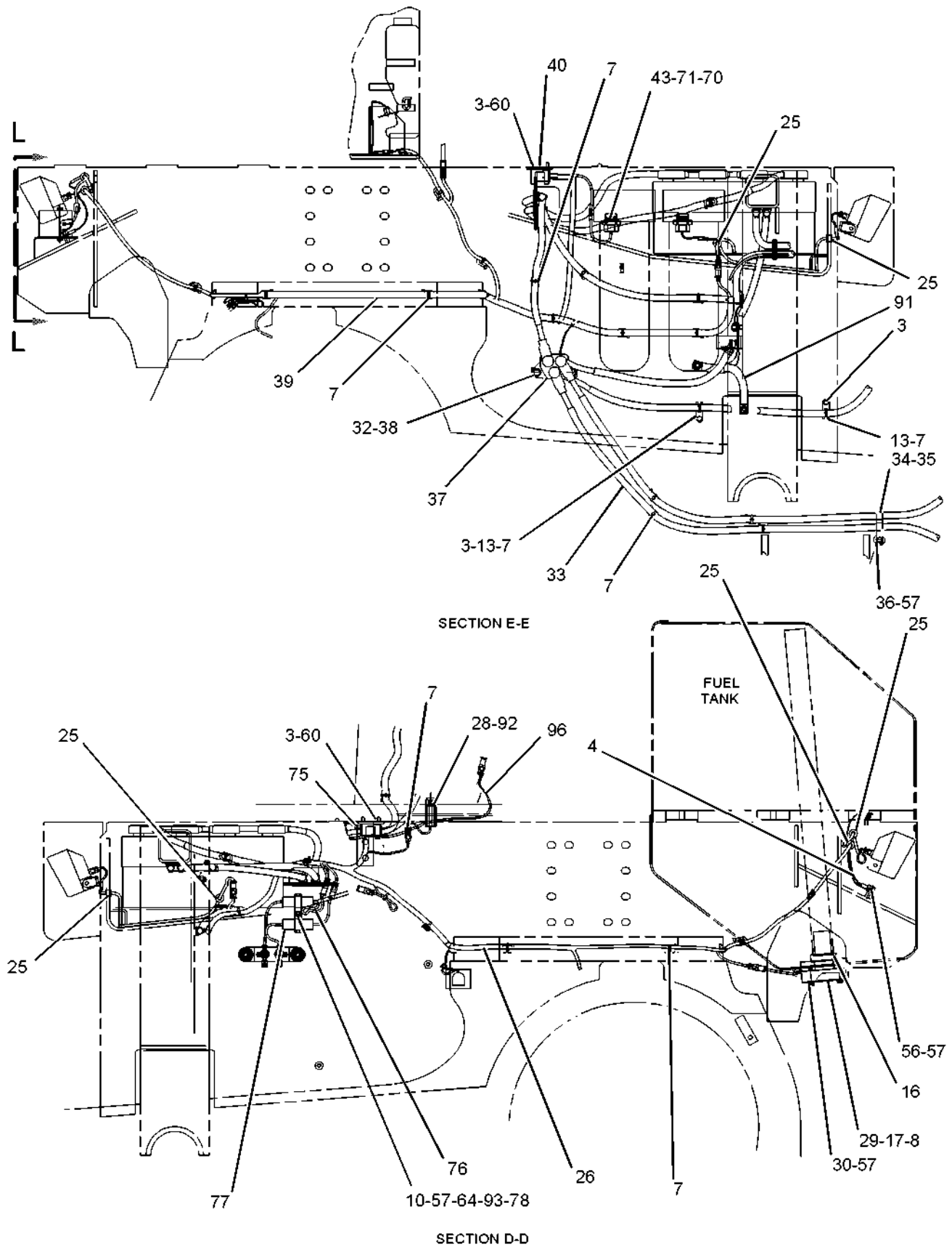
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ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

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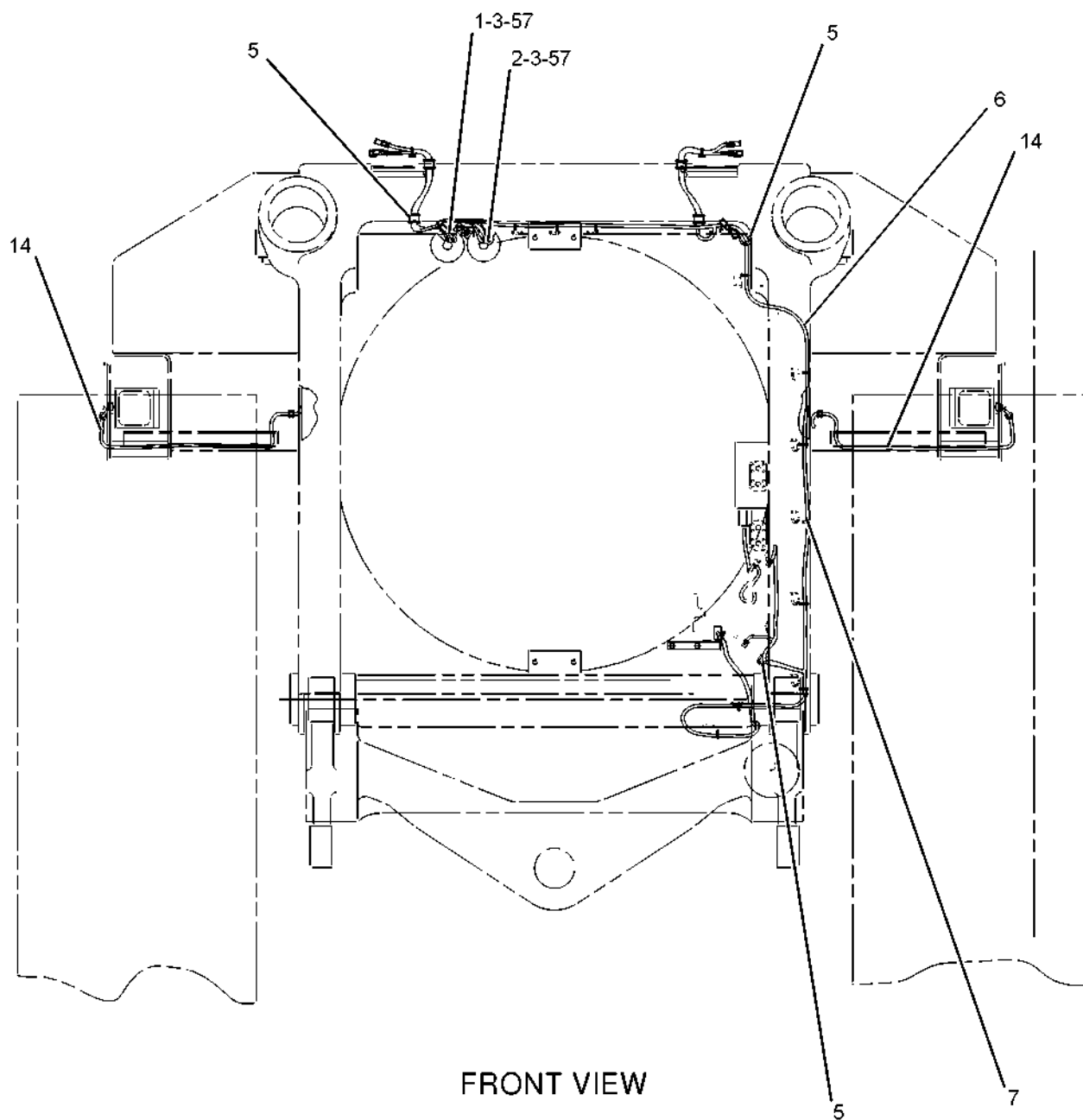
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ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

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FRONT VIEW

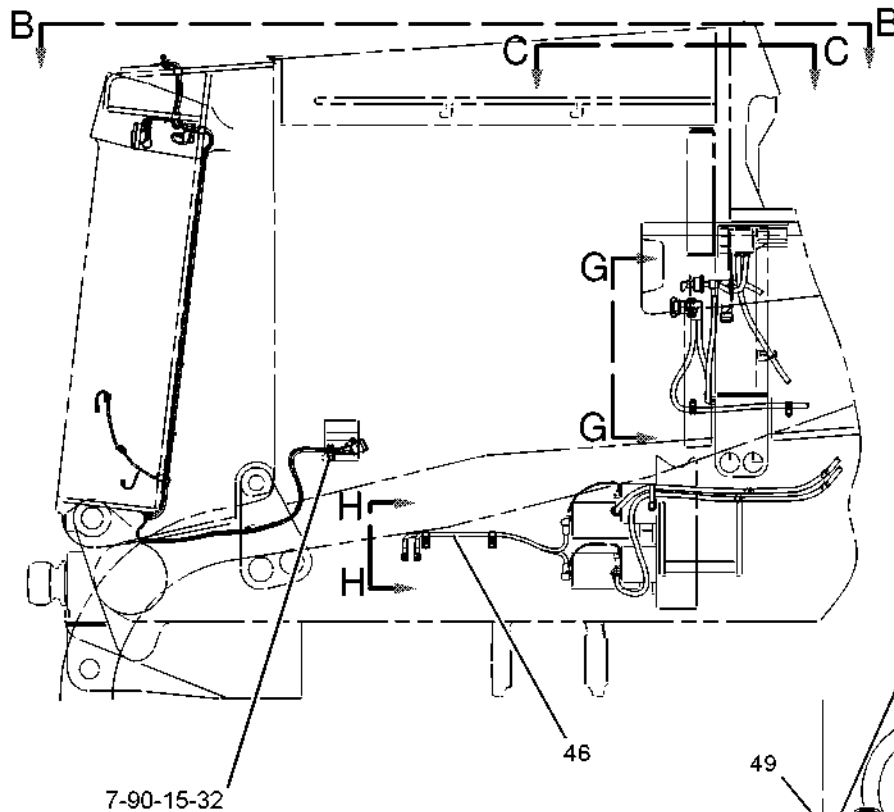
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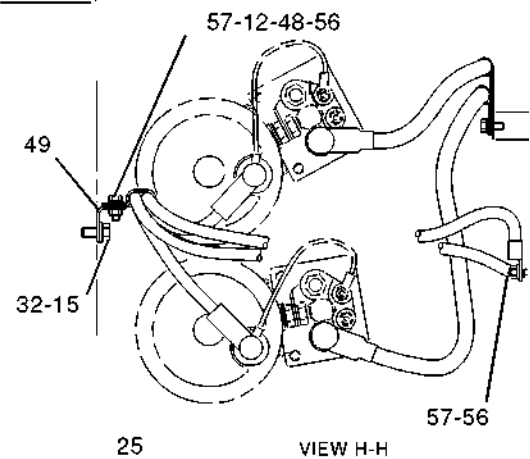
ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

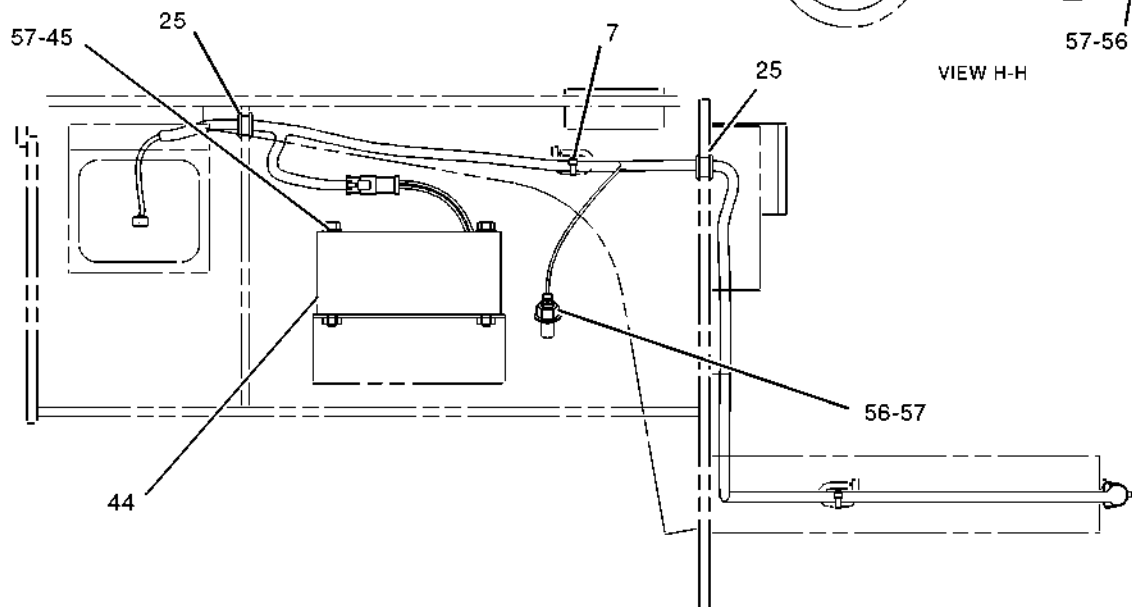
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LEFT SIDE VIEW



VIEW H-H



VIEW L-L
<END>

GRAPHIC #5

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ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP

S/N: 7PZ718-731

PART OF 155-5552 CHASSIS AR

SMCS-1401, 1402, 1408

i02029653

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-7753	1	FLOAT AS	
	2	2	3E-9350	1	SWITCH AS-TEMPERATURE (POWER TRAIN OIL)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		2	8T-8729	2	PIN-CONNECTOR	
	3	2	3T-9549	2	ADAPTER (POWER TRAIN OIL)	
	4	1	5K-8652	2	BRACKET	
BD	5	1	5P-6025		LOCKWIRE (100-CM)	
	6	2	6G-3432	1	ADAPTER (HEX)	
	7	1	6T-5265	2	CABLE AS	
					(EACH INCLUDES)	
E		1	5P-0747		CABLE (00-GA, BLACK) (115CM)	
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)	
		1	9G-8909	1	COVER-TERMINAL (BLACK)	
	8	1	6T-5269	1	RECEPTACLE AS	
		1	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)	
E		1	5P-0747		CABLE (00-GA, BLACK) (42CM)	
E		1	5P-0761		CABLE (00-GA, RED) (130CM)	
BE		1	5P-0695		CONDUIT	
		1	1S-4915	2	LINER (CONDUIT)	
BD		1	6V-2722		TUBE-HEAT SHRINK	
BE		1	8T-2225		TUBE-HEAT SHRINK	
B	9	1	7J-8673	1	PIPE	
Y	10	1	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)	372
	11	1	8S-2634	1	COVER AS	
		1	2P-2975	2	SEAL-O-RING	
	12	1	8V-0622	2	CABLE AS	
					(EACH INCLUDES)	
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6119	2	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	2	NUT (5/16-18-THD)	
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
E		1	5P-0761		CABLE (00-GA, RED) (14CM)	
		1	9G-0003	2	COVER-TERMINAL (BLACK)	
		1	9G-0004	2	COVER-TERMINAL (RED)	
B	13	1	9G-3695	8	PLUG (GROMMET SEALING)	
Y	14	2	9W-0742	1	BLOCK GP-JUNCTION	270
	15	1	9W-9472	1	CABLE AS	
E		1	5P-0761		CABLE (00-GA, RED) (152CM)	
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)	
		1	8N-0869	1	COVER-TERMINAL (RED)	
BE		1	5P-0695		CONDUIT	
		1	1S-4915	2	LINER (CONDUIT)	
BE		1	8T-2225		TUBE-HEAT SHRINK	
		1	3S-2093	1	STRAP-CABLE	
		1	8N-1725	1	COVER-TERMINAL (RED)	
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
	16	1	034-3665	1	STRAP-GROUNDING	
	17	1	104-8636	1	CABLE AS	
		1	035-0425	2	RING-TERMINAL (FOR 3/8-IN BOLT)	
E		1	5P-0744		CABLE (000-GA) (47CM) (BLACK)	
		1	5A-4252	1	CAP (COVER TERMINAL)	

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

i02029653

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	18	1,2	109-5735	2	PLATE AS (EACH INCLUDES)	
		1,2	6V-6716	4	RIVET-TRUSS HEAD	
		1,2	109-1645	2	CLIP	
	19	1	111-4402	1	FILTER-FOAM (FUEL SENSOR)	
	20	2	113-4316	1	PLATE AS	
		2	6C-3680	6	RIVET-POP	
		2	109-1645	3	CLIP	
	21	1	118-6365	1	PLATE AS	
		1	6V-6716	2	RIVET-TRUSS HEAD	
		1	109-1645	1	CLIP	
Y	22	1	118-7226	1	SENSOR GP-TEMPERATURE (STEERING OIL)	349
Y	23	1	123-6449	1	WARNING GP-BACKUP	381
	24	1	124-8957	1	PLATE AS	
		1	7T-1099	3	LINK	
Y	25	1	124-9325	1	SENSOR GP-FUEL LEVEL (ULTRASONIC)	329
	26	1	132-6287	1	CABLE AS	
		1	1S-4915	2	LINER (CONDUIT)	
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
		1	9G-8909	1	COVER-TERMINAL (BLACK)	
E		1	5P-0747		CABLE (00-GA, BLACK) (265CM)	
BE		1	5P-0695		CONDUIT	
BE		1	8T-2225		TUBE-HEAT SHRINK	
		1	3S-2093	1	STRAP-CABLE	
		1	7N-5274	1	COVER-TERMINAL (BLACK)	
		1	3S-6050	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
Y	27	1	134-2252	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER)	350
Y	27A	1	134-2252	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)	350
	28	1	137-0248	6	GROMMET-SPLIT	
	29	1	153-6281	2	HOLD DOWN AS	
	30	1	160-0634	1	HARNESS AS (LH FENDER)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	31	1	160-0635	1	HARNESS AS (RH FENDER)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	32	1	161-6600	1	HARNESS AS (RADIATOR GUARD)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

i02029653

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS & WEDGE)						
	33	1	163-0263	1	WIRE AS						
Y	34	2	164-9436	1	BLOCK GP-POWER						271
Y	35	2	167-1709	1	SENSOR GP-PRESSURE (FAN PUMP)						342
	36	2	169-4253	1	CABLE AS						
		2	1S-4915	2	LINER (CONDUIT)						
BE		2	5P-0695		CONDUIT						
E		2	5P-0760		CABLE (0-GA) (240CM) (RED)						
		2	8N-0869	2	COVER-TERMINAL (RED)						
BE		2	8T-2225		TUBE-HEAT SHRINK						
		2	170-3793	1	RING-TERMINAL						
		2	174-0129	1	RING-TERMINAL						
	37	2	169-4256	1	CABLE AS						
		2	1S-4915	2	LINER (CONDUIT)						
BE		2	5P-0695		CONDUIT						
E		2	5P-0760		CABLE (0-GA) (120CM) (RED)						
		2	8N-0869	2	COVER-TERMINAL (RED)						
BE		2	8T-2225		TUBE-HEAT SHRINK						
		2	170-3795	2	RING-TERMINAL						
	38	1	174-7875	1	HORN AS (24-VOLT, HIGH TONE)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
BE		1	9X-1813		SLEEVE						
		1	9X-3401	2	PIN-CONNECTOR						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	39	1	177-5211	1	HARNESS AS (TRANSMISSION)						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
Y	40	2	193-2550	1	SENSOR GP-SPEED (ODOMETER)						348
	41	1	221-7682	1	HARNESS AS (PRESSURE SENSOR JUMPER)						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
C	42	1	234-6939	1	PLATE AS						
		1	7T-1099	2	LINK						
C	43	1	235-5553	2	CABLE AS						
					(EACH INCLUDES)						
E		1	5P-0761		CABLE (00-GA, RED) (180CM)						
		1	1S-4915	2	LINER (CONDUIT)						
		1	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)						
BE		1	5P-0695		CONDUIT						
		1	8T-2225		TUBE-HEAT SHRINK						
	44	1	132-6289	1	CABLE AS						
		1	9G-8909	1	COVER-TERMINAL (BLACK)						
		1	1S-4915	2	LINER (CONDUIT)						
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)						
E		1	5P-0747		CABLE (00-GA, BLACK) (205CM)						
BE		1	5P-0695		CONDUIT						
BE		1	8T-2225		TUBE-HEAT SHRINK						
		1	3S-2093	1	STRAP-CABLE						
		1	7N-5274	1	COVER-TERMINAL (BLACK)						

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

i02029653

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	3S-6050	1	TERMINAL AS-BATTERY (NEGATIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	45	1	132-6290	1	CABLE AS						
		1	1S-4915	2	LINER (CONDUIT)						
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)						
E		1	5P-0761		CABLE (00-GA, RED) (320CM)						
BE		1	5P-0695		CONDUIT						
BE		1	8T-2225		TUBE-HEAT SHRINK						
		1	3S-2093	1	STRAP-CABLE						
		1	8N-1725	1	COVER-TERMINAL (RED)						
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	46	1	132-6545	2	HARNESS AS (SIDE LIGHTS)						
					(EACH INCLUDES)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
Y	47	1	155-3549	1	SENSOR GP-PRESSURE (MAIN PUMP PRESSURE)						338
Y	47A	1	155-3549	1	SENSOR GP-PRESSURE (MAIN TILT PRESSURE)						338
	48	1	163-1201	1	HORN AS (24-VOLT, LOW TONE)						
Y	49	2	164-7577	1	SWITCH GP-BYPASS (HYDRAULIC FILTER PRESSURE SW)						371
Y	49A	2	164-7577	1	SWITCH GP-BYPASS (TRANSMISSION FILTER BYPASS)						371
Y	49B	2	164-7577	1	SWITCH GP-BYPASS (TORQUE CONVERTER FILTER BYPASS)						371
	50	1	1S-1015	1	CLIP						
	51	1	2P-8421	1	ADAPTER-O-RING						
	52	2	2S-4078	2	SEAL-O-RING						
	53	1	2Y-1834	2	CLIP						
	54	1	3D-2824	1	SEAL-O-RING						
B	55	1	102-8802	4	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
	56	1	3J-1907	3	SEAL-O-RING						
	57	2	3K-0360	1	SEAL-O-RING						
	58	1	3K-6060	4	LOCKNUT (3/8-16-THD)						
	59	1,2	4L-6454	4	BOLT (3/8-16X1-IN)						
	60	1	4P-0947	1	GROMMET						
	61	1	4P-7428	3	CLIP						
B	62	1	4P-7429	1	CLIP						
	63	1,2	4P-7581	8	CLIP						
	64	2	4P-7582	2	CLIP						
	65	1,2	4P-8134	1	CLIP						
	66	2	5C-6266	2	BOLT (5/8-11X1-IN)						
	67	1,2	5M-3062	13	BOLT (3/8-16X0.75-IN)						
C	68	1,2	5P-1075	33	WASHER-HARD (10.2X22.5X3-MM THK)						
	69	1	5P-2228	3	BOLT (1/2-13X1-IN)						
B	70	1	5P-2424	1	BOLT (1/2-13X2.25-IN)						
	71	1	6V-5051	1	SEAL-O-RING						
C	72	1,2	6V-8801	10	NUT (3/8-16-THD)						
	73	2	6V-9028	1	SEAL-O-RING						
C	74	1	7B-1251	6	GROMMET						
	75	1,2	7G-1060	4	STRAP AS-GROUND						
	76	1,2	7J-0204	3	SEAL-O-RING						
BC	77	1,2	7K-1181	100	STRAP-CABLE						
	78	1	7X-0291	2	BOLT (3/8-16X3.75-IN)						
	79	1	8S-0023	2	CLIP (SLOT)						
	80	1	8S-0024	2	CLIP (TAB)						
	81	1	8T-0151	1	ADAPTER						

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

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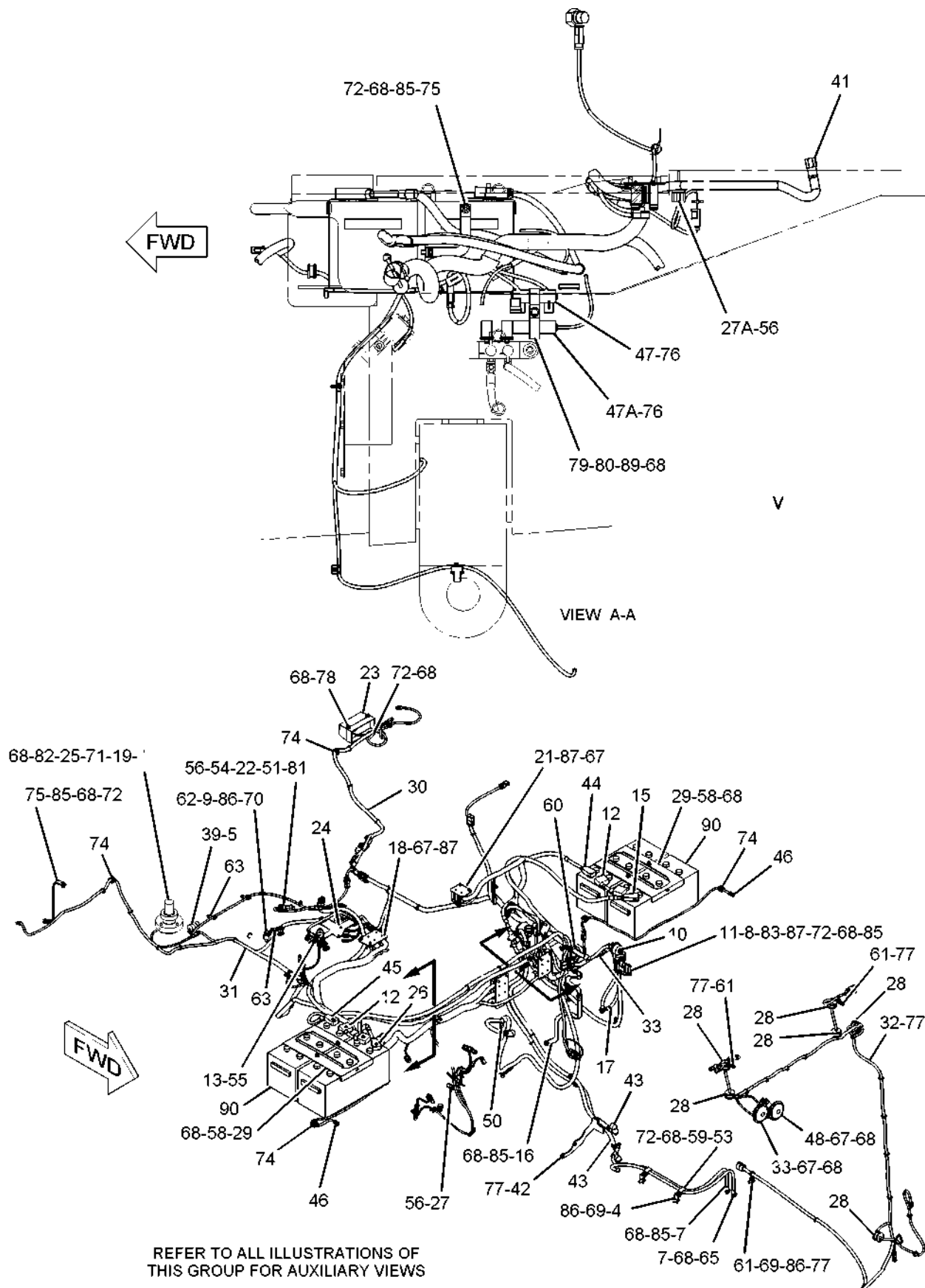
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	82	1	8T-2501	4	BOLT (3/8-16X2-IN)	
	83	1	8T-2502	4	BOLT (3/8-16X1.125-IN)	
	84	2	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)	
CM	85	1,2	8T-4137	9	BOLT (M10X1.5X20-MM)	
	86	1,2	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)	
	87	1,2	8T-4896	16	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	88	2	8T-9384	2	BOLT (1/2-13X0.875-IN)	
	89	1	9B-7237	1	BOLT (3/8-16X1.25-IN)	
	90	1	9X-9730	4	BATTERY (12-VOLT)	
					(EACH INCLUDES)	
		1	7N-0060	6	VENT AS (BATTERY)	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

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REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

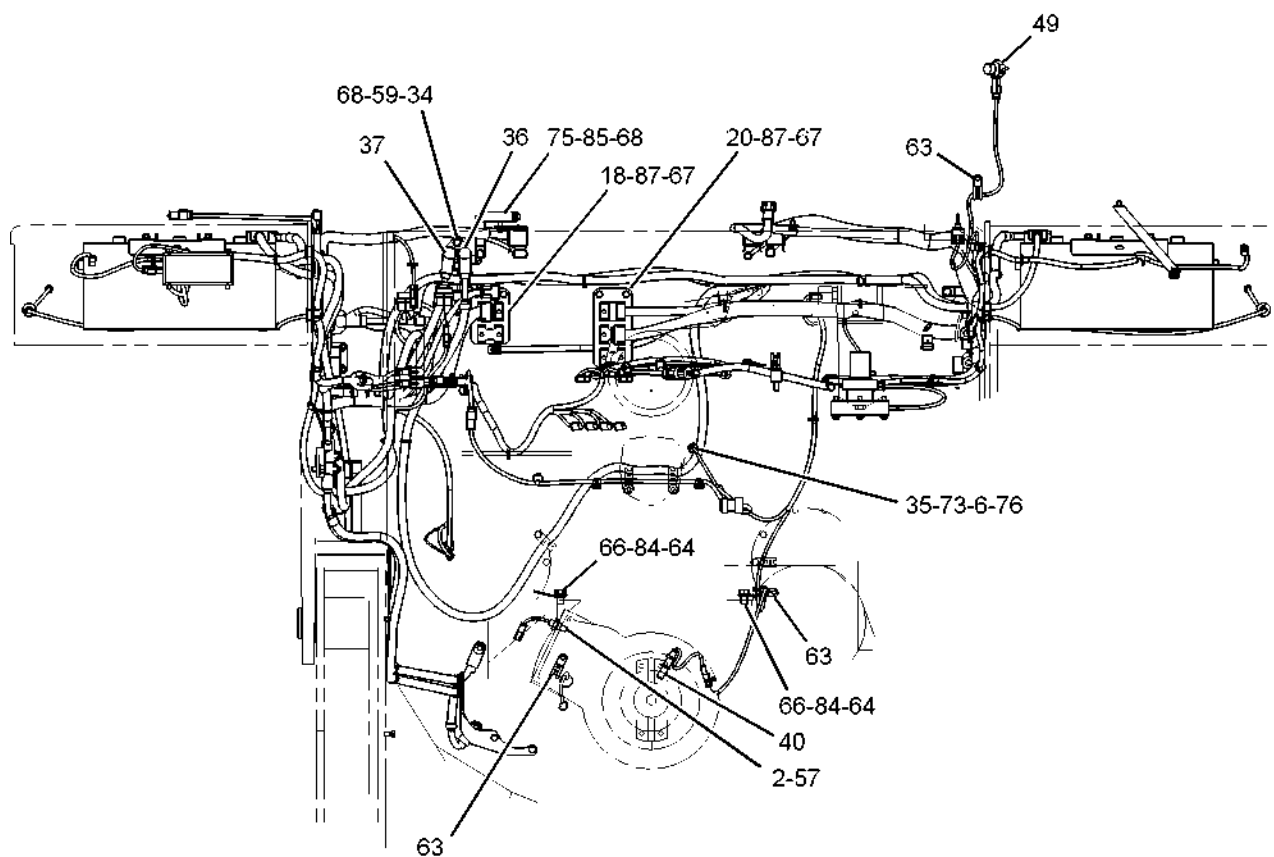
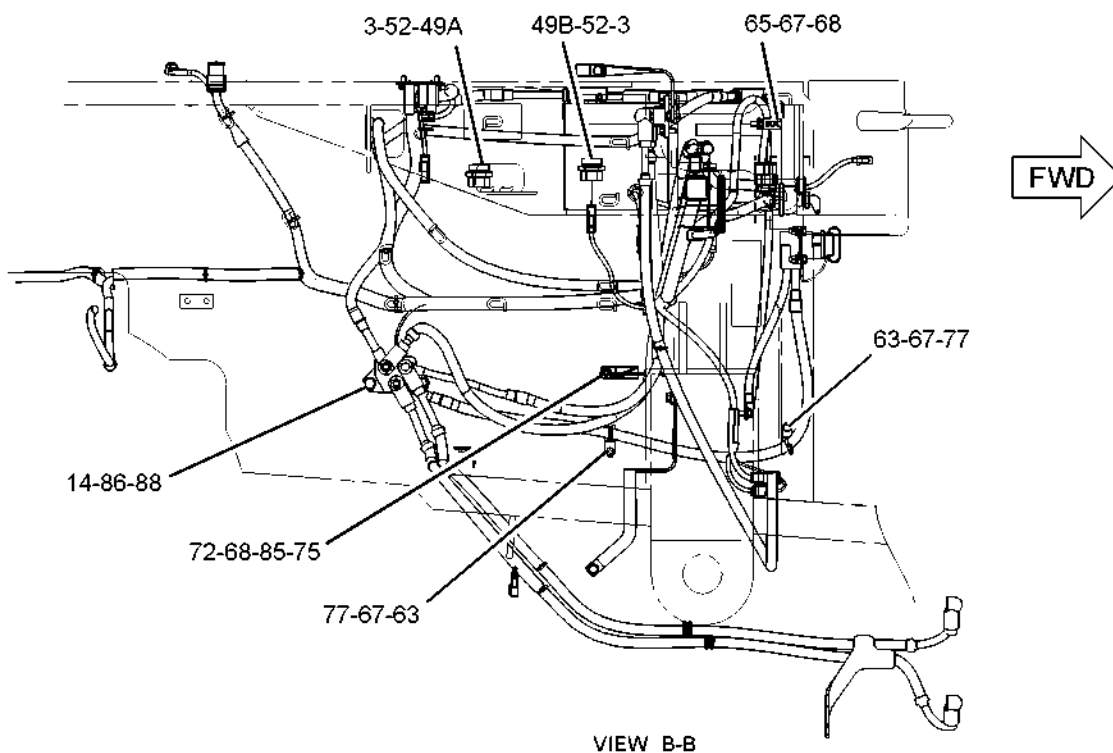
GRAPHIC #1

g01027310

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

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REAR VIEW
<END>

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #2

g01027348

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP

S/N: 7PZ732-UP

PART OF 155-5552 CHASSIS AR

SMCS-1401, 1402, 1408

i02018739

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-7753	1	FLOAT AS	
	2	2	3E-9350	1	SWITCH AS-TEMPERATURE (POWER TRAIN OIL)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		2	8T-8729	2	PIN-CONNECTOR	
	3	2	3T-9549	2	ADAPTER (POWER TRAIN OIL)	
	4	1	5K-8652	2	BRACKET	
BD	5	1	5P-6025		LOCKWIRE (100-CM)	
	6	2	6G-3432	1	ADAPTER (HEX)	
	7	1	6T-5265	2	CABLE AS (STARTER GROUND)	
					(EACH INCLUDES)	
E		1	5P-0747		CABLE (00-GA, BLACK) (115CM)	
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)	
		1	9G-8909	1	COVER-TERMINAL (BLACK)	
	8	1	6T-5269	1	RECEPTACLE AS (BUS BAR TO FRAME GROUND)	
		1	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)	
E		1	5P-0747		CABLE (00-GA, BLACK) (42CM)	
E		1	5P-0761		CABLE (00-GA, RED) (130CM)	
BE		1	5P-0695		CONDUIT	
		1	1S-4915	2	LINER (CONDUIT)	
BD		1	6V-2722		TUBE-HEAT SHRINK	
BE		1	8T-2225		TUBE-HEAT SHRINK	
B	9	1	7J-8673	1	PIPE	
Y	10	1	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)	372
	11	1	8S-2634	1	COVER AS	
		1	2P-2975	2	SEAL-O-RING	
	12	1	8V-0622	2	CABLE AS (LH BAT POS. TO RH BAT NEG.)	
					(EACH INCLUDES)	
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6119	2	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	2	NUT (5/16-18-THD)	
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
E		1	5P-0761		CABLE (00-GA, RED) (14CM)	
		1	9G-0003	2	COVER-TERMINAL (BLACK)	
		1	9G-0004	2	COVER-TERMINAL (RED)	
B	13	1	9G-3695	8	PLUG (GROMMET SEALING)	
Y	14	2	9W-0742	1	BLOCK GP-JUNCTION	270
	15	1	9W-9472	1	CABLE AS (LH BAT POS. TO BUS BAR)	
E		1	5P-0761		CABLE (00-GA, RED) (152CM)	
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)	
		1	8N-0869	1	COVER-TERMINAL (RED)	
BE		1	5P-0695		CONDUIT	
		1	1S-4915	2	LINER (CONDUIT)	
BE		1	8T-2225		TUBE-HEAT SHRINK	
		1	3S-2093	1	STRAP-CABLE	
		1	8N-1725	1	COVER-TERMINAL (RED)	
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
	16	1	034-3665	1	STRAP-GROUNDING	
	17	1	104-8636	1	CABLE AS (DISC SWITCH TO FRAME GROUND)	
		1	035-0425	2	RING-TERMINAL (FOR 3/8-IN BOLT)	
E		1	5P-0744		CABLE (000-GA) (47CM) (BLACK)	
		1	5A-4252	1	CAP (COVER TERMINAL)	

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

i02018739

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	18	1,2	109-5735	2	PLATE AS (EACH INCLUDES)	
		1,2	6V-6716	4	RIVET-TRUSS HEAD	
		1,2	109-1645	2	CLIP	
19	1		111-4402	1	FILTER-FOAM (FUEL SENSOR)	
20	2		113-4316	1	PLATE AS	
	2		6C-3680	6	RIVET-POP	
	2		109-1645	3	CLIP	
21	1		118-6365	1	PLATE AS	
	1		6V-6716	2	RIVET-TRUSS HEAD	
	1		109-1645	1	CLIP	
Y	22	1	118-7226	1	SENSOR GP-TEMPERATURE (STEERING OIL)	349
Y	23	1	123-6449	1	WARNING GP-BACKUP	381
	24	1	124-8957	1	PLATE AS	
	1		7T-1099	3	LINK	
Y	25	1	124-9325	1	SENSOR GP-FUEL LEVEL (ULTRASONIC)	329
	26	1	132-6287	1	CABLE AS (RH SIDE BAT NEG TO DISC SWITCH)	
	1		1S-4915	2	LINER (CONDUIT)	
	1		1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
	1		9G-8909	1	COVER-TERMINAL (BLACK)	
E	1		5P-0747		CABLE (00-GA, BLACK) (265CM)	
BE	1		5P-0695		CONDUIT	
BE	1		8T-2225		TUBE-HEAT SHRINK	
	1		3S-2093	1	STRAP-CABLE	
	1		7N-5274	1	COVER-TERMINAL (BLACK)	
	1		3S-6050	1	TERMINAL AS-BATTERY (NEGATIVE)	
	1		1M-6119	1	BOLT (5/16-18X1.375-IN)	
	1		1M-6120	1	NUT (5/16-18-THD)	
Y	27	1	134-2252	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER)	350
Y	27A	1	134-2252	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)	350
	28	1	137-0248	6	GROMMET-SPLIT	
	29	1	153-6281	2	HOLD DOWN AS	
	30	1	160-0634	1	HARNESS AS (LH FENDER)	
	1		102-8801	1	KIT-RECEPTACLE (12-PIN)	
	1		102-8802	1	KIT-RECEPTACLE (2-PIN)	
	1		102-8803	1	KIT-RECEPTACLE (3-PIN)	
	1		102-8804	1	KIT-RECEPTACLE (4-PIN)	
	1		102-8805	1	KIT-RECEPTACLE (6-PIN)	
	1		102-8806	1	KIT-RECEPTACLE (8-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
	1		155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
	1		155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
	1		155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
	1		155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
C	31	1	239-4214	1	HARNESS AS (RH FENDER)	
	1		102-8802	1	KIT-RECEPTACLE (2-PIN)	
	1		102-8803	1	KIT-RECEPTACLE (3-PIN)	
	1		102-8805	1	KIT-RECEPTACLE (6-PIN)	
	1		102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
	1		155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
	1		155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
	1		155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
	1		155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	32	1	161-6600	1	HARNESS AS (RADIATOR GUARD)	
	1		102-8802	1	KIT-RECEPTACLE (2-PIN)	
	1		102-8803	1	KIT-RECEPTACLE (3-PIN)	

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

i02018739

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	33	1	163-0263	1	WIRE AS	
Y	34	2	164-9436	1	BLOCK GP-POWER	271
Y	35	2	167-1709	1	SENSOR GP-PRESSURE (FAN PUMP)	342
	36	2	169-4253	1	CABLE AS (ALTERNATOR TO JUNCTION BLOCK)	
		2	1S-4915	2	LINER (CONDUIT)	
BE		2	5P-0695		CONDUIT	
E		2	5P-0760		CABLE (0-GA) (240CM) (RED)	
		2	8N-0869	2	COVER-TERMINAL (RED)	
BE		2	8T-2225		TUBE-HEAT SHRINK	
		2	170-3793	1	RING-TERMINAL	
		2	174-0129	1	RING-TERMINAL	
	37	2	169-4256	1	CABLE AS (JUNCTION BLOCK TO BUS BAR)	
		2	1S-4915	2	LINER (CONDUIT)	
BE		2	5P-0695		CONDUIT	
E		2	5P-0760		CABLE (0-GA) (120CM) (RED)	
		2	8N-0869	2	COVER-TERMINAL (RED)	
BE		2	8T-2225		TUBE-HEAT SHRINK	
		2	170-3795	2	RING-TERMINAL	
	38	1	174-7875	1	HORN AS (24-VOLT, HIGH TONE)	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
BE		1	9X-1813		SLEEVE	
		1	9X-3401	2	PIN-CONNECTOR	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	39	1	177-5211	1	HARNESS AS (TRANSMISSION)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
Y	40	2	193-2550	1	SENSOR GP-SPEED (ODOMETER)	348
	42	1	234-6939	1	PLATE AS	
		1	7T-1099	2	LINK	
	43	1	235-5553	2	CABLE AS (BUS BAR TO STARTERS)	
					(EACH INCLUDES)	
E		1	5P-0761		CABLE (00-GA, RED) (180CM)	
		1	1S-4915	2	LINER (CONDUIT)	
		1	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)	
BE		1	5P-0695		CONDUIT	
		1	8T-2225		TUBE-HEAT SHRINK	
	44	1	132-6289	1	CABLE AS (LH SIDE BAT NEG TO DISC SWITCH)	
		1	9G-8909	1	COVER-TERMINAL (BLACK)	
		1	1S-4915	2	LINER (CONDUIT)	
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
E		1	5P-0747		CABLE (00-GA, BLACK) (205CM)	
BE		1	5P-0695		CONDUIT	
BE		1	8T-2225		TUBE-HEAT SHRINK	
		1	3S-2093	1	STRAP-CABLE	
		1	7N-5274	1	COVER-TERMINAL (BLACK)	
		1	3S-6050	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	

ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

i02018739

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	1M-6120	1	NUT (5/16-18-THD)	
	45	1	132-6290	1	CABLE AS (RH BAT POS. TO BUS BAR)	
		1	1S-4915	2	LINER (CONDUIT)	
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)	
E		1	5P-0761		CABLE (00-GA, RED) (320CM)	
BE		1	5P-0695		CONDUIT	
BE		1	8T-2225		TUBE-HEAT SHRINK	
		1	3S-2093	1	STRAP-CABLE	
		1	8N-1725	1	COVER-TERMINAL (RED)	
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
	46	1	132-6545	2	HARNESS AS (SIDE LIGHTS) (EACH INCLUDES)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (INCLUDES PLUG AS & WEDGE)	
CY	47	1	221-3406	1	SENSOR GP-PRESSURE (MAIN PUMP PRESSURE)	345
CY	47A	1	221-3406	1	SENSOR GP-PRESSURE (MAIN TILT PRESSURE)	345
	48	1	163-1201	1	HORN AS (24-VOLT, LOW TONE)	
Y	49	2	164-7577	1	SWITCH GP-BYPASS (HYD FILTER PRESSURE SWITCH)	371
Y	49A	2	164-7577	1	SWITCH GP-BYPASS (TRANSMISSION FILTER)	371
Y	49B	2	164-7577	1	SWITCH GP-BYPASS (TORQUE CONVERTER FILTER)	371
C	50	1	1S-0994	1	CLIP	
	51	1	2P-8421	1	ADAPTER-O-RING	
	52	2	2S-4078	2	SEAL-O-RING	
	53	1	2Y-1834	2	CLIP	
	54	1	3D-2824	1	SEAL-O-RING	
B	55	1	102-8802	4	KIT-RECEPTACLE (2-PIN) (EACH INCLUDES RECEPTACLE AS & WEDGE)	
	56	1	3J-1907	3	SEAL-O-RING	
	57	2	3K-0360	1	SEAL-O-RING	
	58	1	3K-6060	4	LOCKNUT (3/8-16-THD)	
	59	1,2	4L-6454	4	BOLT (3/8-16X1-IN)	
	60	1	4P-0947	1	GROMMET	
	61	1	4P-7428	3	CLIP	
B	62	1	4P-7429	1	CLIP	
	63	1,2	4P-7581	8	CLIP	
	64	2	4P-7582	2	CLIP	
	65	1,2	4P-8134	1	CLIP	
	66	2	5C-6266	2	BOLT (5/8-11X1-IN)	
	67	1,2	5M-3062	13	BOLT (3/8-16X0.75-IN)	
C	68	1,2	5P-1075	32	WASHER-HARD (10.2X22.5X3-MM THK)	
	69	1	5P-2228	3	BOLT (1/2-13X1-IN)	
B	70	1	5P-2424	1	BOLT (1/2-13X2.25-IN)	
	71	1	6V-5051	1	SEAL-O-RING	
C	72	1,2	6V-8801	6	NUT (3/8-16-THD)	
	73	2	6V-9028	1	SEAL-O-RING	
	74	1	7B-1251	6	GROMMET	
	75	1,2	7G-1060	4	STRAP AS-GROUND (CHASSIS)	
C	76	2	7J-0204	1	SEAL-O-RING	
B	77	1,2	7K-1181	100	STRAP-CABLE	
	78	1	7X-0291	2	BOLT (3/8-16X3.75-IN)	
	81	1	8T-0151	1	ADAPTER	
	82	1	8T-2501	4	BOLT (3/8-16X2-IN)	
	83	1	8T-2502	4	BOLT (3/8-16X1.125-IN)	
	84	2	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)	
CM	85	1,2	8T-4137	13	BOLT (M10X1.5X20-MM)	

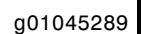
ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

i02018739

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	86	1, 2	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
	87	1, 2	8T-4896	16	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	88	2	8T-9384	2	BOLT (1/2-13X0.875-IN)						
C	89	1	209-1742	1	PLUG AS						
	90	1	9X-9730	4	BATTERY (12-VOLT)						
					(EACH INCLUDES)						
		1	7N-0060	6	VENT AS (BATTERY)						
B-USE AS REQUIRED C-CHANGE FROM PREVIOUS TYPE D-ORDER BY THE METER E-ORDER BY THE CENTIMETER M-METRIC PART Y-SEPARATE ILLUSTRATION											

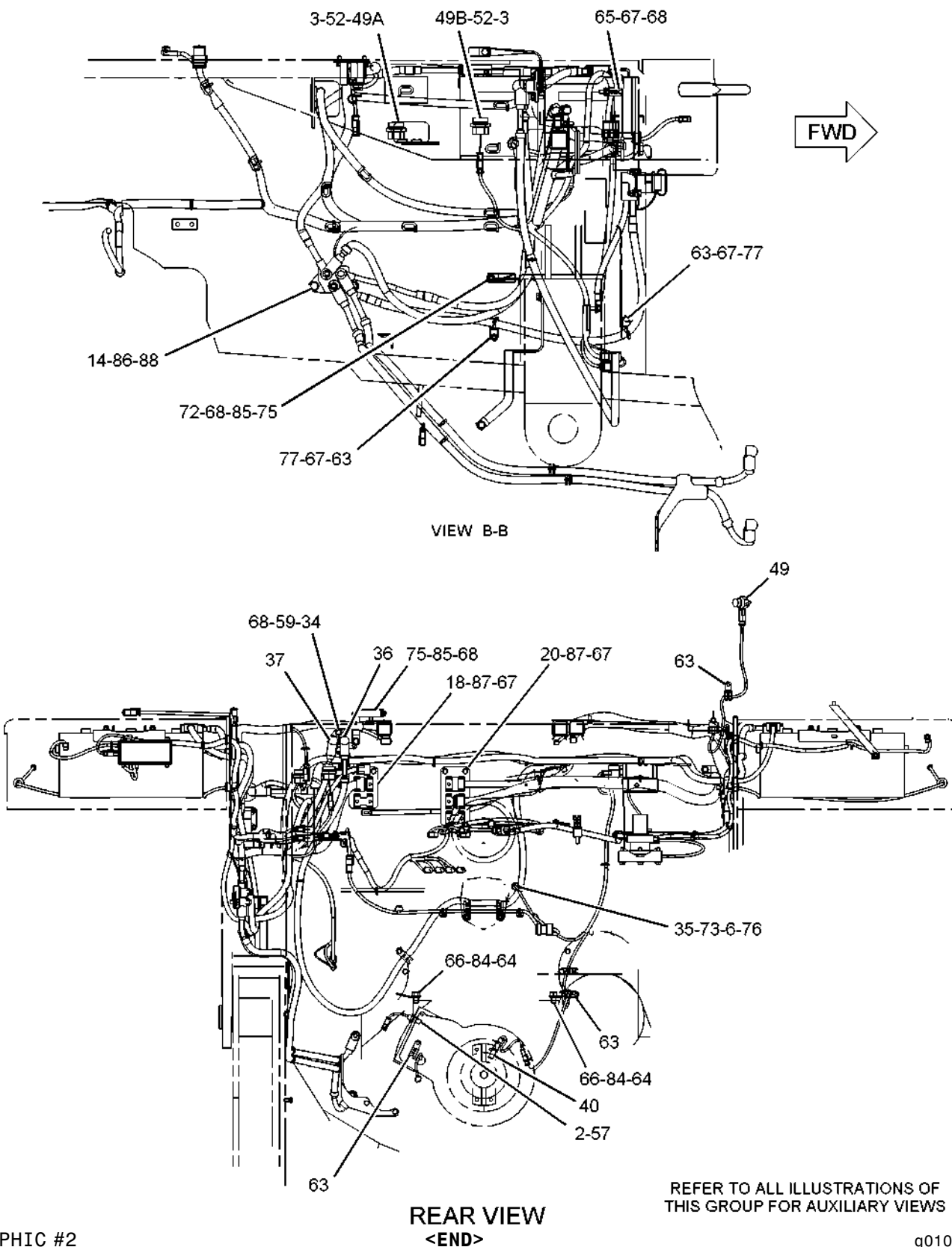
i02018739



ELECTRICAL AND STARTING SYSTEM

156-9936 BATTERY & WIRING GP (contd.)

i02018739



GRAPHIC #2

REAR VIEW
<END>

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

g01045290

ELECTRICAL AND STARTING SYSTEM

9W-0742 BLOCK GP-JUNCTION

S/N: 7PZ1-UP

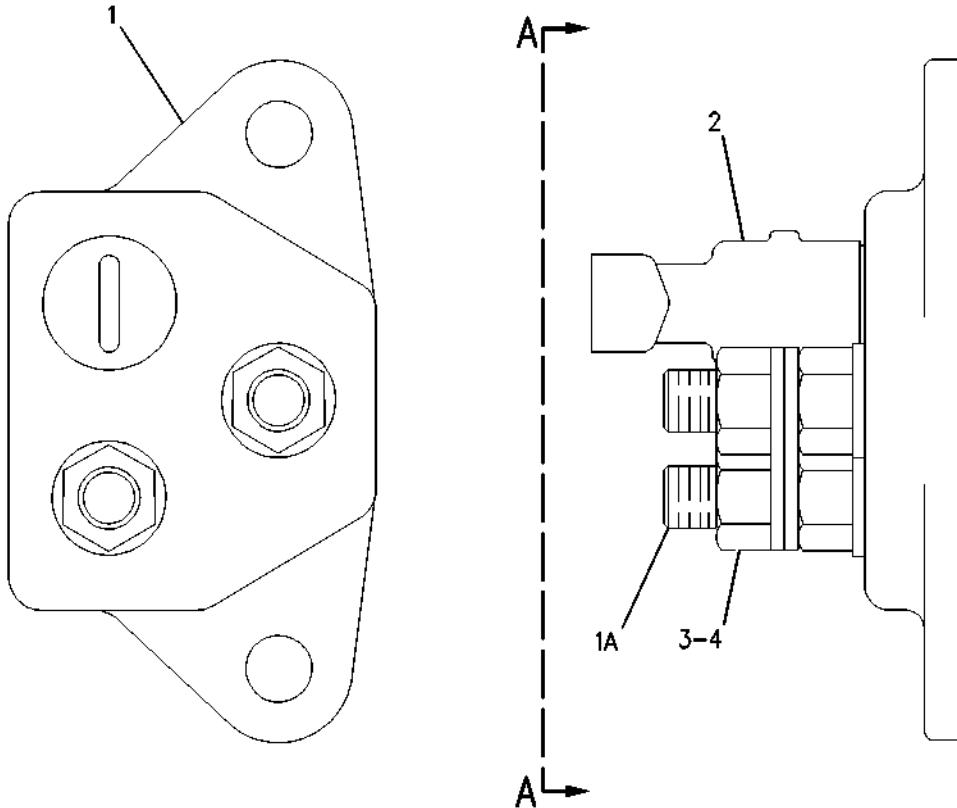
PART OF 156-9936 BATTERY & WIRING GP

SMCS-1408

i01727104

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8C-6358	1	JUNCTION BLOCK AS						
	1A	1	8T-3519	3	BOLT-BRONZE (1/2-13X2.0 IN)						
BD	2	1	6V-2722		TUBE-HEAT SHRINK						
	3	1	7F-0560	6	WASHER (2.57MM THK)						
	4	1	8T-3518	6	NUT-FULL (1/2-13 THD)						

B-USE AS REQUIRED
D-ORDER BY THE METER



VIEW A-A

GRAPHIC #1

<END>

g00650721

ELECTRICAL AND STARTING SYSTEM

164-9436 BLOCK GP - POWER

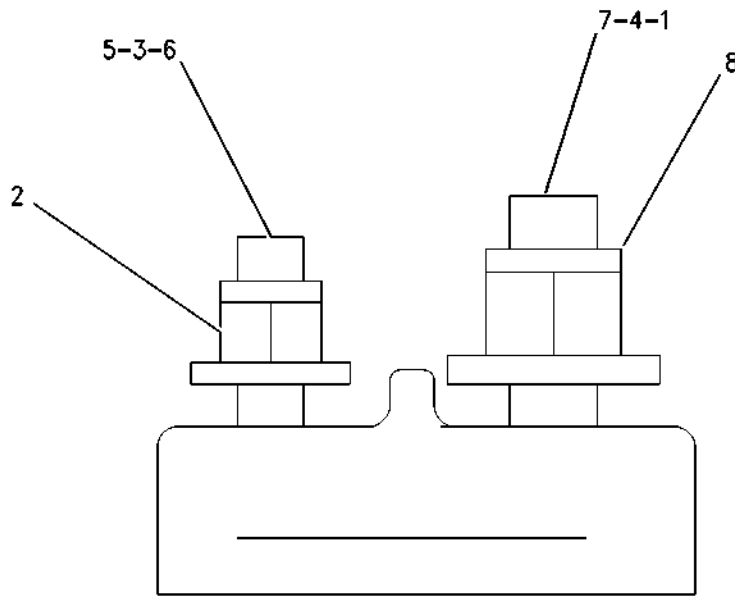
S/N: 7PZ1-UP

PART OF 156-9936 BATTERY & WIRING GP

SMCS-1408

i01988523

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1D-5117	1	NUT - JAM (1/2-13 THD)						
	2	1	3K-6060	1	LOCKNUT (3/8-16 THD)						
	3	1	5P-1075	2	WASHER - HARD (10.2X22.5X3MM THK)						
	4	1	5P-1076	2	WASHER - HARD (13.5X30X4MM THK)						
	5	1	6V-8801	1	NUT (3/8-16 THD)						
	6	1	9B-7237	1	BOLT (3/8-16X1.25 IN)						
	7	1	5P-2566	1	BOLT (1/2-13X1.5 IN)						
	8	1	9X-0941	1	LOCKNUT (1/2-13 THD)						



GRAPHIC #1

<END>

g00520404

ELECTRICAL AND STARTING SYSTEM

170-3715 CONTROL & MTG GP-ELECTRONIC-KEYPAD

S/N: 7PZ1-677

PART OF 155-5552 CHASSIS AR

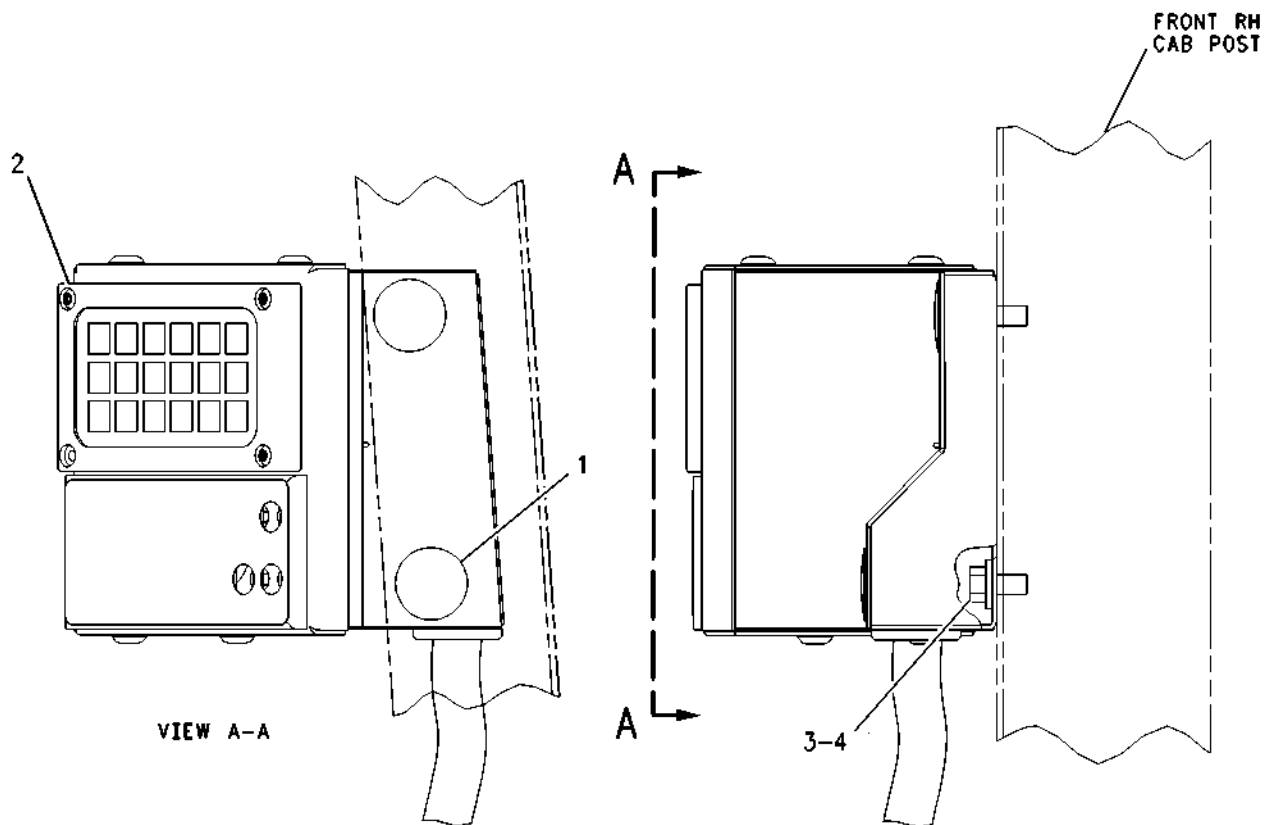
SMCS-1901

i01240247

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9P-6571	2	PLUG	
Y	2	1	165-5018	1	CONTROL GP-ELECTRONIC (ENGLISH KEYPAD)	281
					-OR-	
AY		1	183-2076	1	CONTROL GP-ELECTRONIC (INTERNATIONAL KEYPAD)	283
	3	1	5M-3062	2	BOLT (3/8-16X.75IN)	
	4	1	5P-1075	2	WASHER-HARD (3MM THK)	

A-NOT PART OF THIS GROUP

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00663348

ELECTRICAL AND STARTING SYSTEM

170-3715 CONTROL & MTG GP-ELECTRONIC-KEYPAD

S/N: 7PZ678-UP

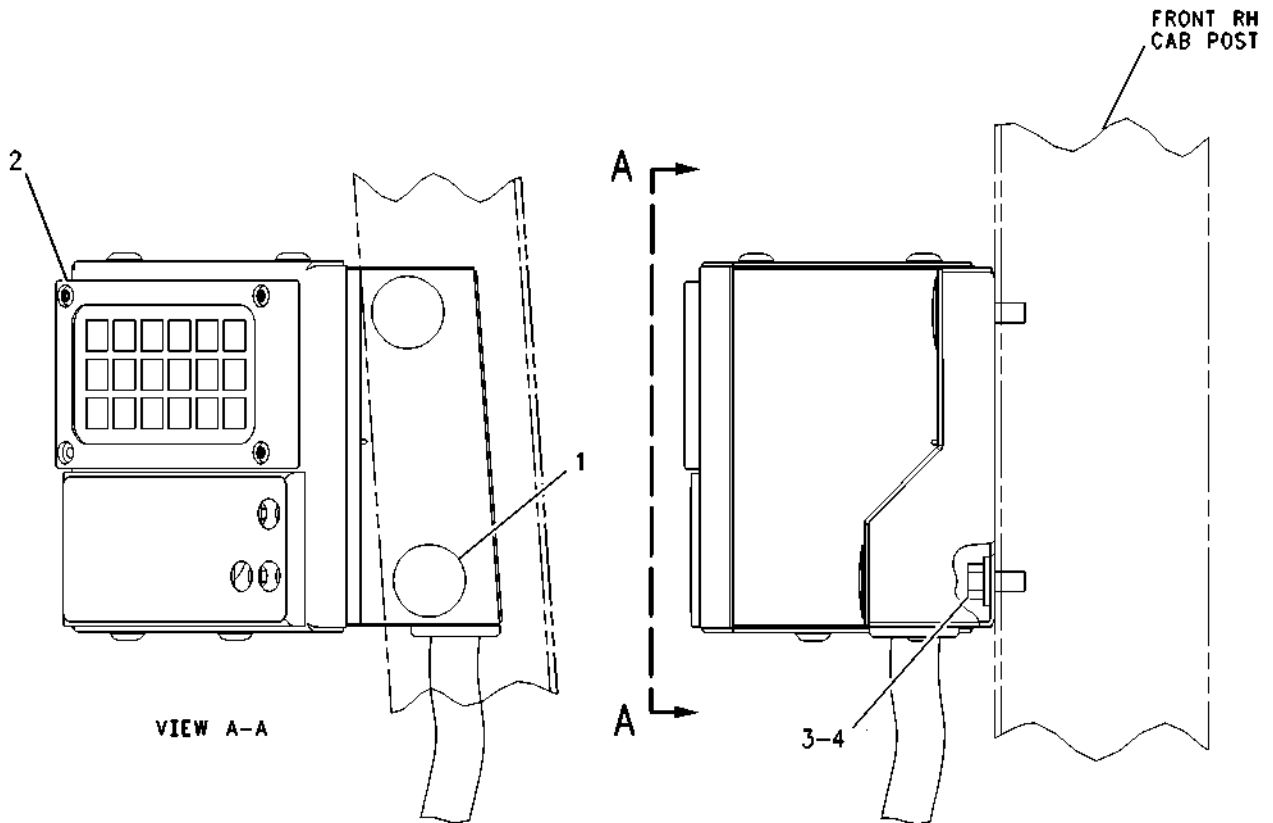
PART OF 155-5552 CHASSIS AR

SMCS-1901

i01988517

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9P-6571	2	PLUG	
Y	2	1	183-2076	1	CONTROL GP-ELECTRONIC (INTERNATIONAL KEYPAD)	283
	3	1	5M-3062	2	BOLT (3/8-16X0.75 IN)	
	4	1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00663348

ELECTRICAL AND STARTING SYSTEM

173-3262 CONTROL & MTG GP-ELECTRONIC-VIDS

S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

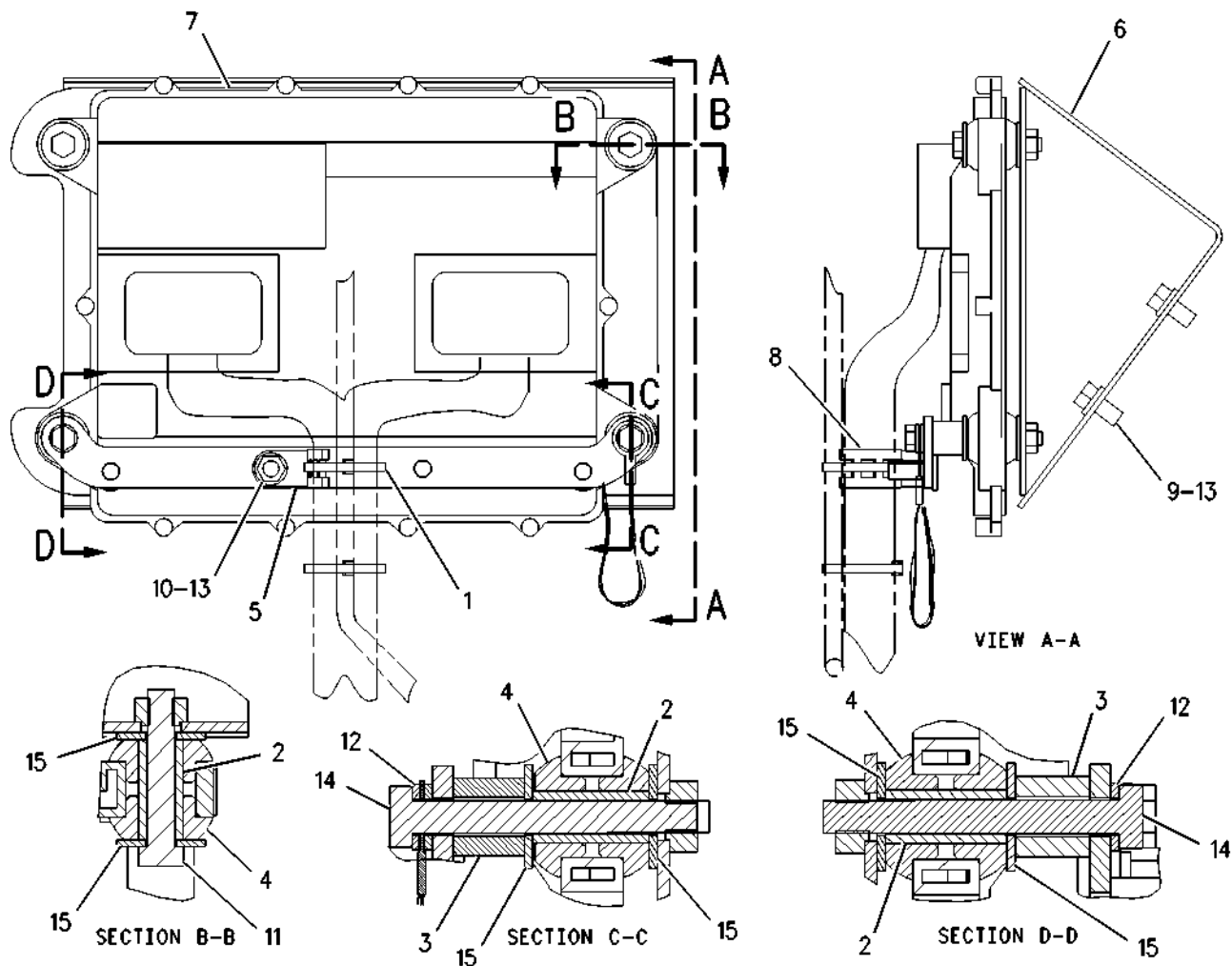
SMCS-1901

i01700443

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3S-2093	2	STRAP-CABLE	
	2	1	6I-1418	4	SPACER (8.2X12.7X28.7MM THK)	
	3	1	8L-5449	2	SPACER (0.69 IN THK)	
	4	1	8T-9655	8	MOUNT (ISOLATION)	
	5	1	133-3489	1	PLATE AS	
		1	9D-4439	4	STUD-WELD (3/8-16X1.0 IN OAL)	
	6	1	143-9666	1	BRACKET AS	
M		1	8T-3612	4	NUT-WELD (M8X1.25 THD)	
Y	7	1	169-0489	1	CONTROL GP-UNPROGRAMMED	293
	8	1	4P-8134	1	CLIP (LADDER)	
	9	1	5M-3062	3	BOLT (3/8-16X0.75 IN)	
	10	1	6V-8801	1	NUT (3/8-16 THD)	
M	11	1	7X-0818	2	BOLT (M8X1.25X45MM)	
	12	1	8T-4224	3	WASHER-HARD (8.8X16X2MM THK)	
	13	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
M	14	1	8T-6870	2	BOLT (M8X1.25X70MM)	
	15	1	9N-0869	8	WASHER-HARD (8.8X25.5X2MM THK)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00581241

ELECTRICAL AND STARTING SYSTEM

173-3263 CONTROL & MTG GP-ELECTRONIC-IMPLEMENT CONTROL

S/N: 7PZ1-UP

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-1901

i01700455

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3S-2093	1	STRAP-CABLE	
	2	1	8L-5449	2	SPACER (0.69 IN THK)	
	3	1	8T-9655	8	MOUNT (ISOLATION)	
	4	1	133-3489	1	PLATE AS	
	5	1	9D-4439	4	STUD-WELD (3/8-16X1.0 IN OAL)	
	6	1	150-6259	1	BRACKET AS	
Y	7	1	166-7731	1	CONTROL GP-UNPROGRAMMED	292
	8	1	4L-6454	4	BOLT (3/8-16X1 IN)	
	9	1	4P-8134	1	CLIP (LADDER)	
	10	1	6V-8801	1	NUT (3/8-16 THD)	
M	11	1	8T-3647	2	BOLT (M8X1.25X80MM)	
	12	1	8T-4224	3	WASHER-HARD (8.8X16X2MM THK)	
	13	1	8T-4896	5	WASHER-HARD (10.2X18.5X2.5MM THK)	
M	14	1	8T-6869	2	BOLT (M8X1.25X60MM)	
	15	1	9N-0869	4	WASHER-HARD (8.8X25.5X2MM THK)	
	16	1	145-0487	4	SPACER (43.6MM THK)	

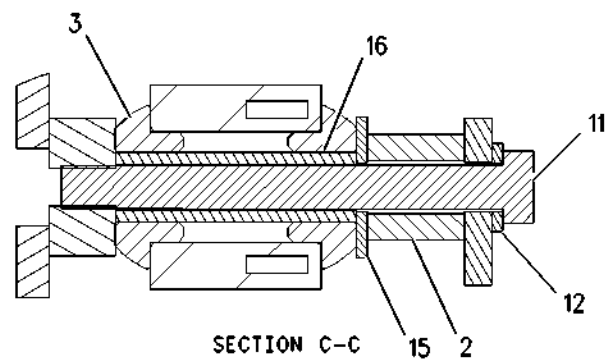
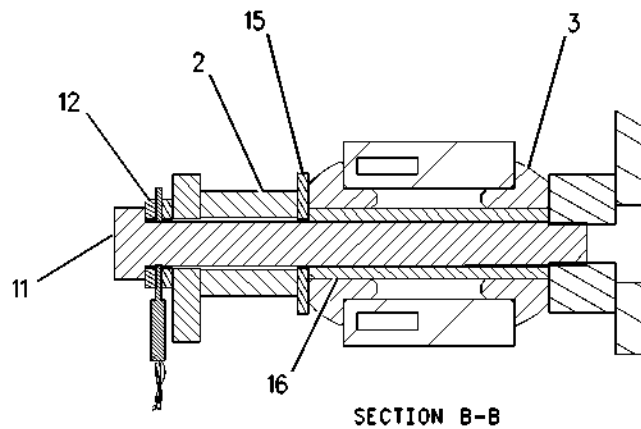
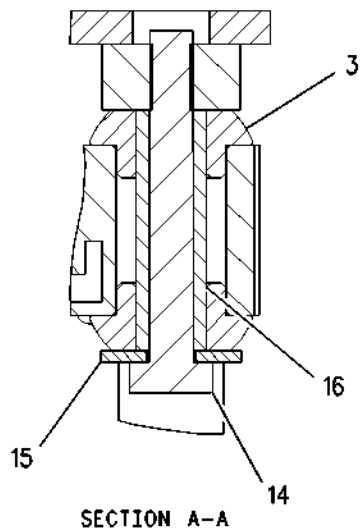
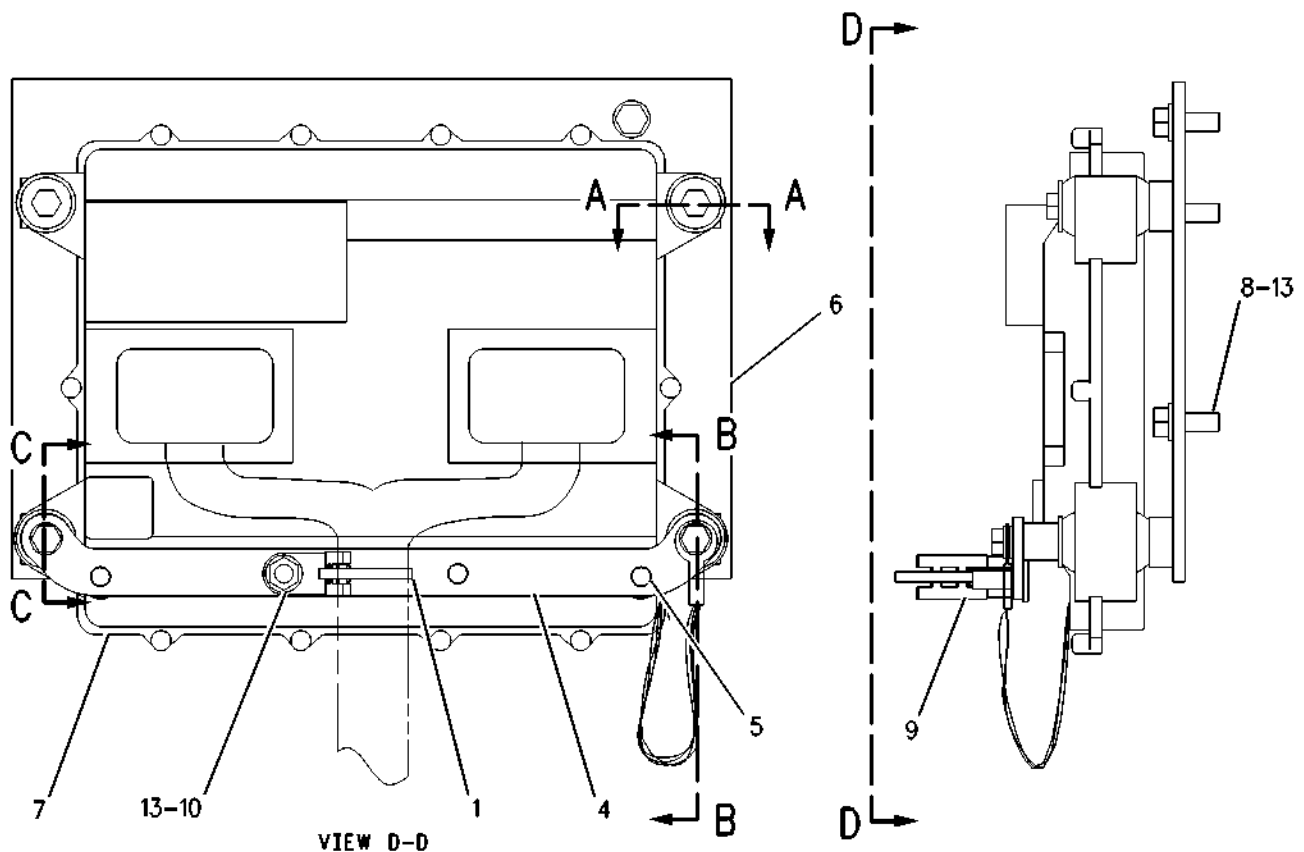
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

173-3263 CONTROL & MTG GP-ELECTRONIC (contd.)

i01700455



GRAPHIC #1

<END>

g00579714

ELECTRICAL AND STARTING SYSTEM

175-5213 CONTROL & MTG GP-ENGINE ELEK

S/N: 2GR1180-UP

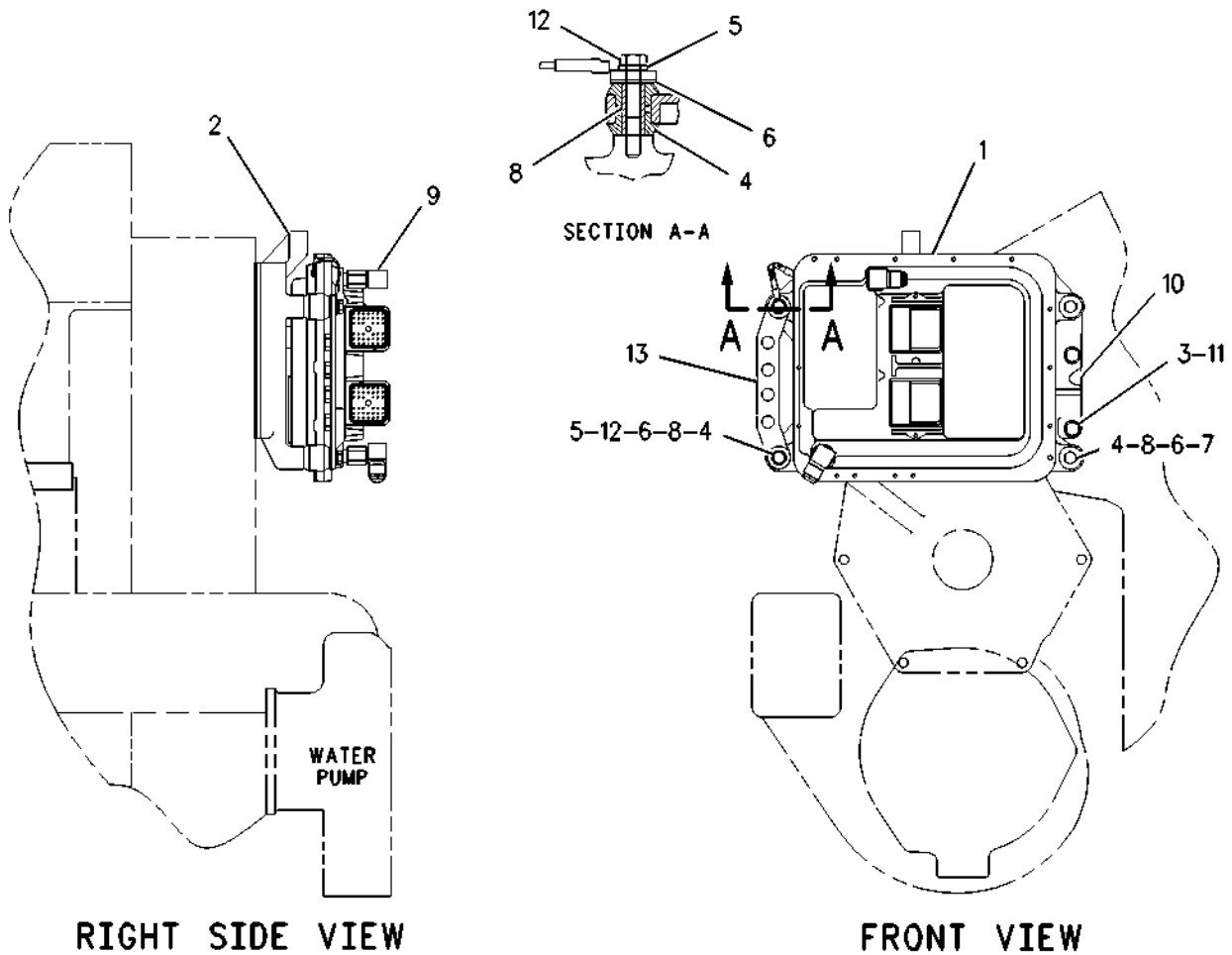
PART OF 155-5556 ENGINE AR

SMCS-1901

i01203094

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	132-8900	1	CONTROL GP-ENGINE ELECTRONIC	288
	2	1	110-2760	1	BRACKET	
	3	1	1A-2029	7	BOLT (3/8-16X1.125IN)	
	4	1	8T-9655	8	MOUNT (ISOLATION)	
	5	1	9M-1974	2	WASHER-HARD (2MM THK)	
	6	1	9N-0869	4	WASHER-HARD (2MM THK)	
	7	1	1B-9575	2	BOLT (5/16-18X1.75IN)	
	8	1	6I-1418	4	SPACER (28.7MM THK)	
	9	1	112-4387	2	ELBOW (90 DEGREE SWIVEL, FLARED)	
	10	1	8N-9885	1	GASKET-DRIVE HOUSING	
	11	1	5M-2894	7	WASHER (2.5MM THK)	
	12	1	2B-2694	2	BOLT (5/16-18X2IN)	
	13	1	166-8417	1	BRACKET AS	
		1	1F-0750	4	NUT-WELD (3/8-16 THD)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00657575

ELECTRICAL AND STARTING SYSTEM

158-8077 CONTROL & MTG GP-POWER TRAIN

S/N: 7PZ1-UP

PART OF 112-9167 POWER TRAIN AR

TYPE 1

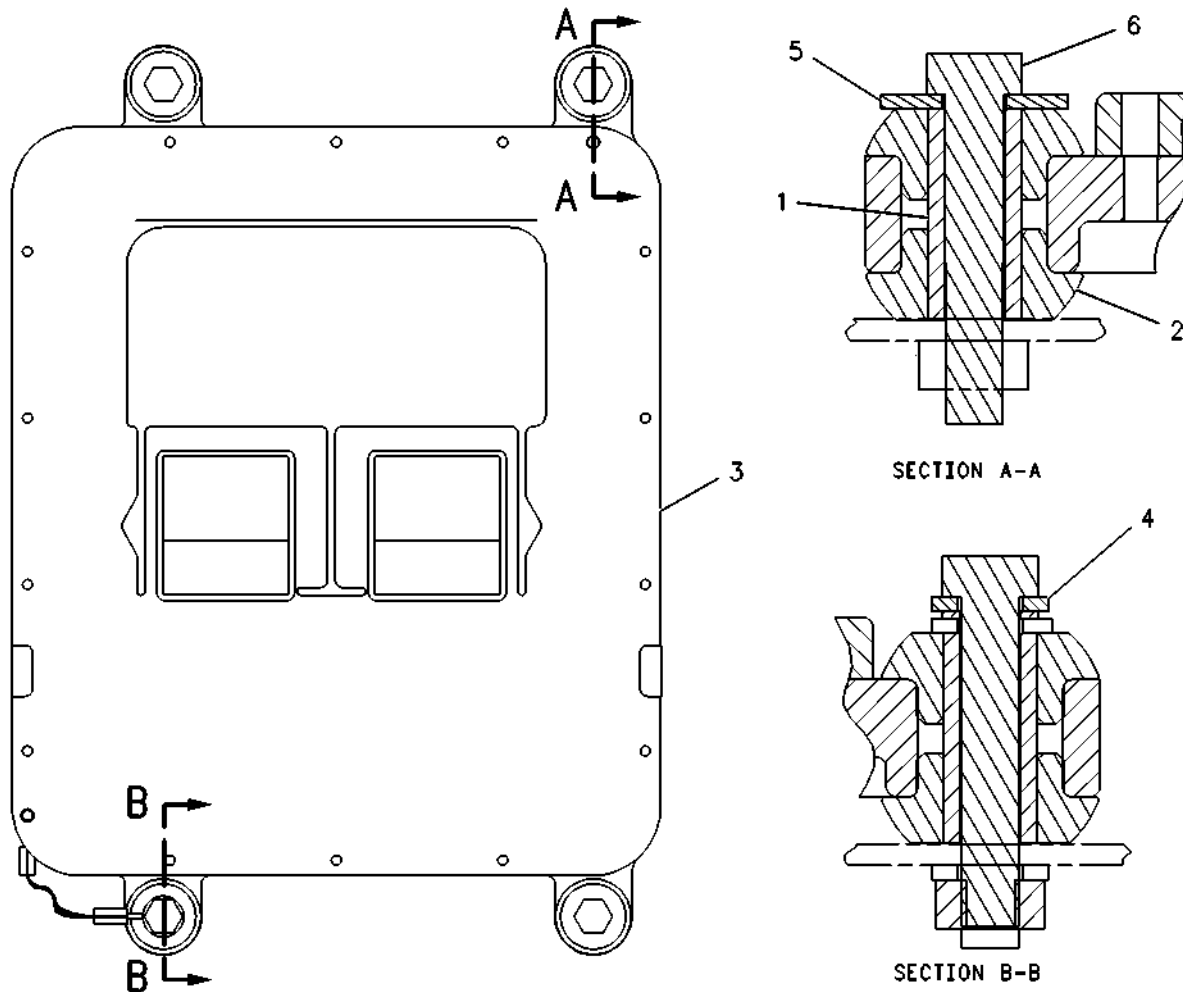
SMCS-3065, 4800

i01988524

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6I-1418	4	SPACER (8.2X12.7X28.7MM THK)	
	2	1	8T-9655	8	MOUNT (ISOLATION)	
Y	3	1	160-1758	1	CONTROL GP-UNPROGRAMMED	291
	4	1	8T-4224	1	WASHER-HARD (8.8X16X2MM THK)	
	5	1	9N-0869	4	WASHER-HARD (8.8X25.5X2.0MM THK)	
M	6	1	7X-0818	4	BOLT (M8X1.25X45MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00258550

ELECTRICAL AND STARTING SYSTEM

158-8077 CONTROL & MTG GP-POWER TRAIN

S/N: 7PZ1-UP

PART OF 112-9167 POWER TRAIN AR
TYPE 2

SMCS-3065, 4800

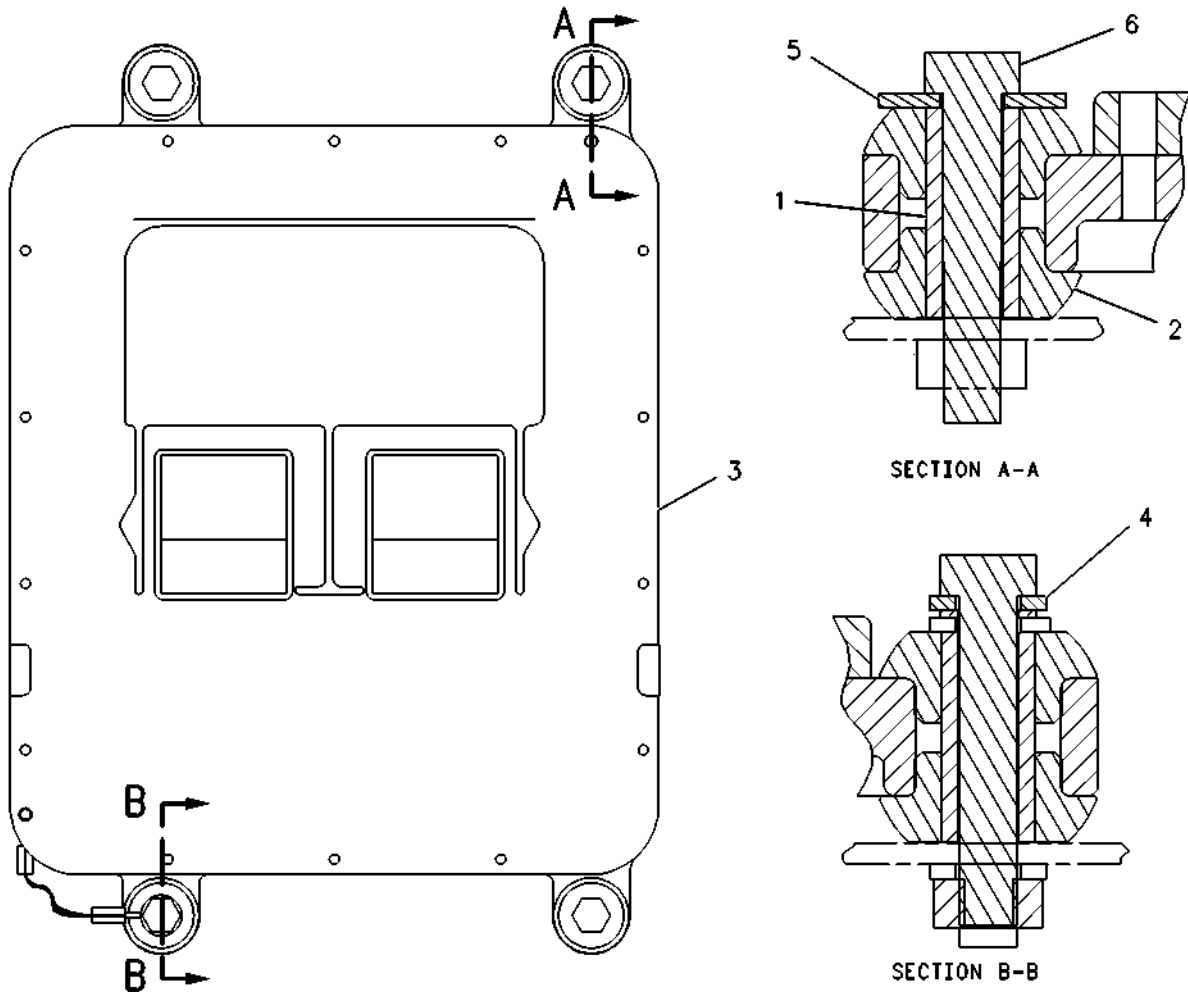
i01741413

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6I-1418	4	SPACER (8.2X12.7X28.7MM THK)	
	2	1	8T-9655	8	MOUNT (ISOLATION)	
CY	3	1	172-9389	1	CONTROL GP-UNPROGRAMMED	294
	4	1	8T-4224	1	WASHER-HARD (8.8X16X2MM THK)	
	5	1	9N-0869	4	WASHER-HARD (8.8X25.5X2MM THK)	
M	6	1	7X-0818	4	BOLT (M8X1.25X45MM)	

C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00258550

ELECTRICAL AND STARTING SYSTEM

115-7412 CONTROL & MTG GP-TRANSMISSION

S/N: 7PZ1-UP

ELECTRONIC

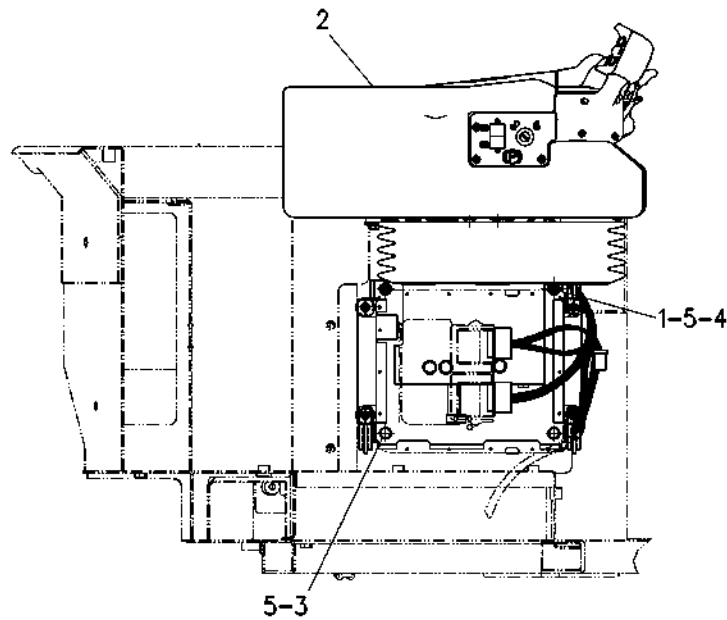
PART OF 112-9167 POWER TRAIN AR

SMCS-3168

i00945132

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6F-7012	2	STUD (3/8-16 THD)						
Y	2	1	124-2356	1	CONTROL GP-STEERING & TMSN						630
	3	1	5M-3062	4	BOLT (3/8-16X.75IN)						
	4	1	6V-8801	2	NUT (3/8-16 THD)						
	5	1	8T-4896	4	WASHER-HARD (2.5MM THK)						

Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00272760

ELECTRICAL AND STARTING SYSTEM

165-5018 CONTROL GP-ELECTRONIC-KEYPAD

S/N: 7PZ1-677

(WITH ENGLISH VERSION KEYPAD)

PART OF 170-3715 CONTROL & MTG GP-ELECTRONIC

SMCS-7490

i01988520

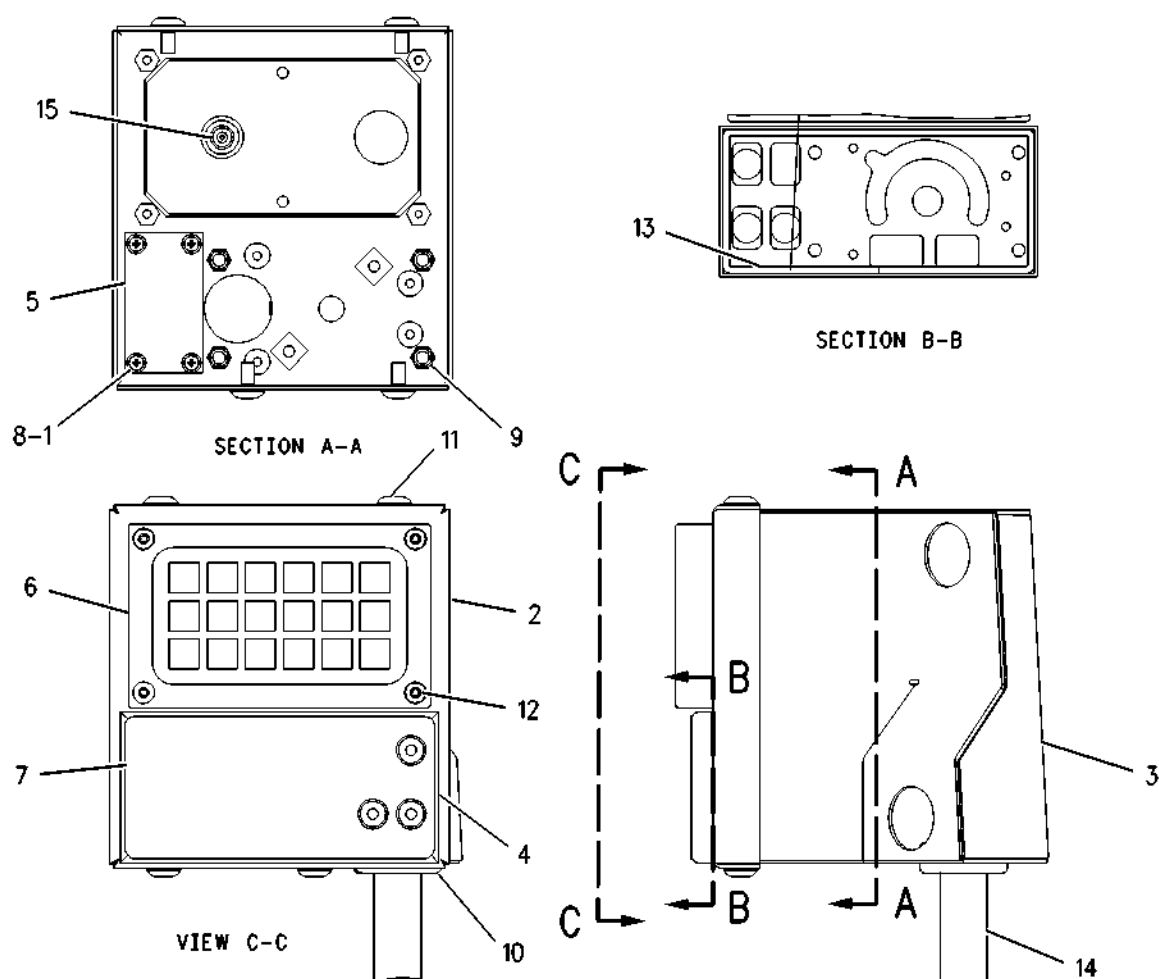
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9X-6259	4	SCREW-MACHINE (6-32 X 0.375 IN)	
	2	1	136-6140	1	COVER AS	
	3	1	136-6142	1	PLATE AS	
		1	9F-6445	4	NUT-WELD (1/4-24 THD)	
	4	1	143-3974	1	COVER AS	
Y	5	1	149-6470	1	CONTROL GP-DISPLAY ELECTRONIC	1027
Y	6	1	225-9217	1	MODULE GP-MONITOR KEYPAD	1071
	7	1	173-1646	1	FILM-IDENTIFICATION (BLADE POSITION)	
	8	1	096-6166	4	WASHER-HARD (4.5X9X1MM THK)	
M	9	1	129-3178	4	LOCKNUT (M6X1 THD)	
	10	1	1M-4543	1	GROMMET	
	11	1	6V-3884	4	SCREW-HEX SOCKET (1/4-20X0.5 IN)	
M	12	1	7Y-7256	4	SCREW-TRUSS HEAD (M4X0.7X35MM)	
BD	13	1	5P-5969		SEAL	
	14	1	143-9484	1	HARNESS AS-KEYPAD	
	15	1	123-9294	1	LAMP (24 VOLT) (KEYPAD)	

B-USE AS REQUIRED
D-ORDER BY THE METER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

165-5018 CONTROL GP-ELECTRONIC (contd.)

i01988520



GRAPHIC #1

<END>

g00663349

ELECTRICAL AND STARTING SYSTEM

183-2076 CONTROL GP-ELECTRONIC-KEYPAD

S/N: 7PZ1-677

(WITH INTERNATIONAL VERSION KEYPAD)

PART OF 170-3715 CONTROL & MTG GP-ELECTRONIC

SMCS-7490

i01988519

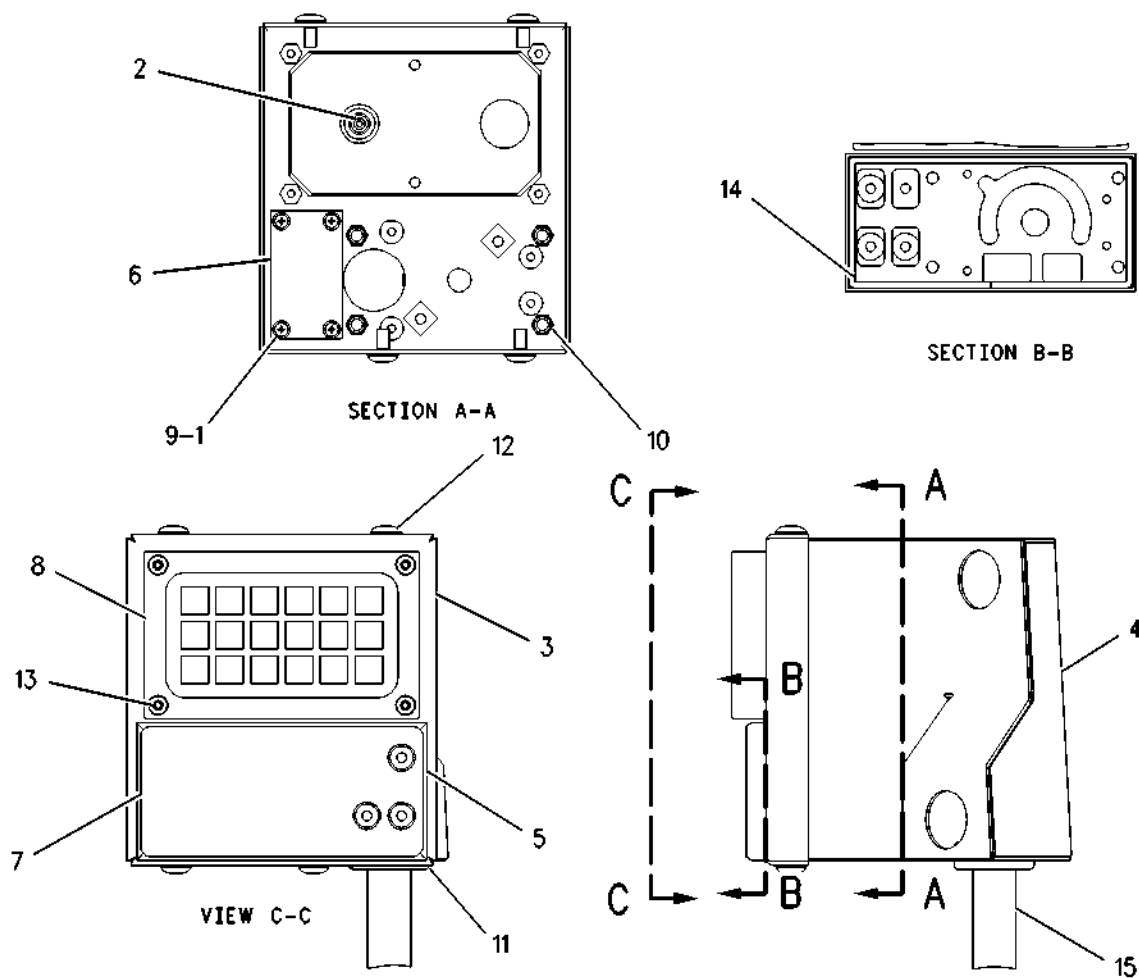
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9X-6259	4	SCREW-MACHINE (6-32 X 0.375 IN)	
	2	1	123-9294	1	LAMP (24 VOLT) (KEYPAD)	
	3	1	136-6140	1	COVER AS	
	4	1	136-6142	1	PLATE AS	
		1	9F-6445	4	NUT-WELD (1/4-24 THD)	
	5	1	143-3974	1	COVER AS	
Y	6	1	149-6470	1	CONTROL GP-DISPLAY ELECTRONIC	1027
	7	1	173-1646	1	FILM-IDENTIFICATION (BLADE POSITION)	
Y	8	1	183-2009	1	MODULE GP-MONITOR KEYPAD (INTERNATIONAL VERSION)	1070
	9	1	096-6166	4	WASHER-HARD (4.5X9X1MM THK)	
M	10	1	129-3178	4	LOCKNUT (M6X1 THD)	
	11	1	1M-4543	1	GROMMET	
	12	1	6V-3884	4	SCREW-HEX SOCKET (1/4-20X0.5 IN)	
M	13	1	7Y-7256	4	SCREW-TRUSS HEAD (M4X0.7X35MM)	
BD	14	1	5P-5969		SEAL	
	15	1	143-9484	1	HARNESS AS-KEYPAD	

B-USE AS REQUIRED
D-ORDER BY THE METER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

183-2076 CONTROL GP - ELECTRONIC (contd.)

i01988519



GRAPHIC #1

<END>

g00664942

ELECTRICAL AND STARTING SYSTEM

183-2076 CONTROL GP-ELECTRONIC-KEYPAD

S/N: 7PZ678-UP

(WITH INTERNATIONAL VERSION KEYPAD)

PART OF 170-3715 CONTROL & MTG GP-ELECTRONIC

SMCS-7490

i01988518

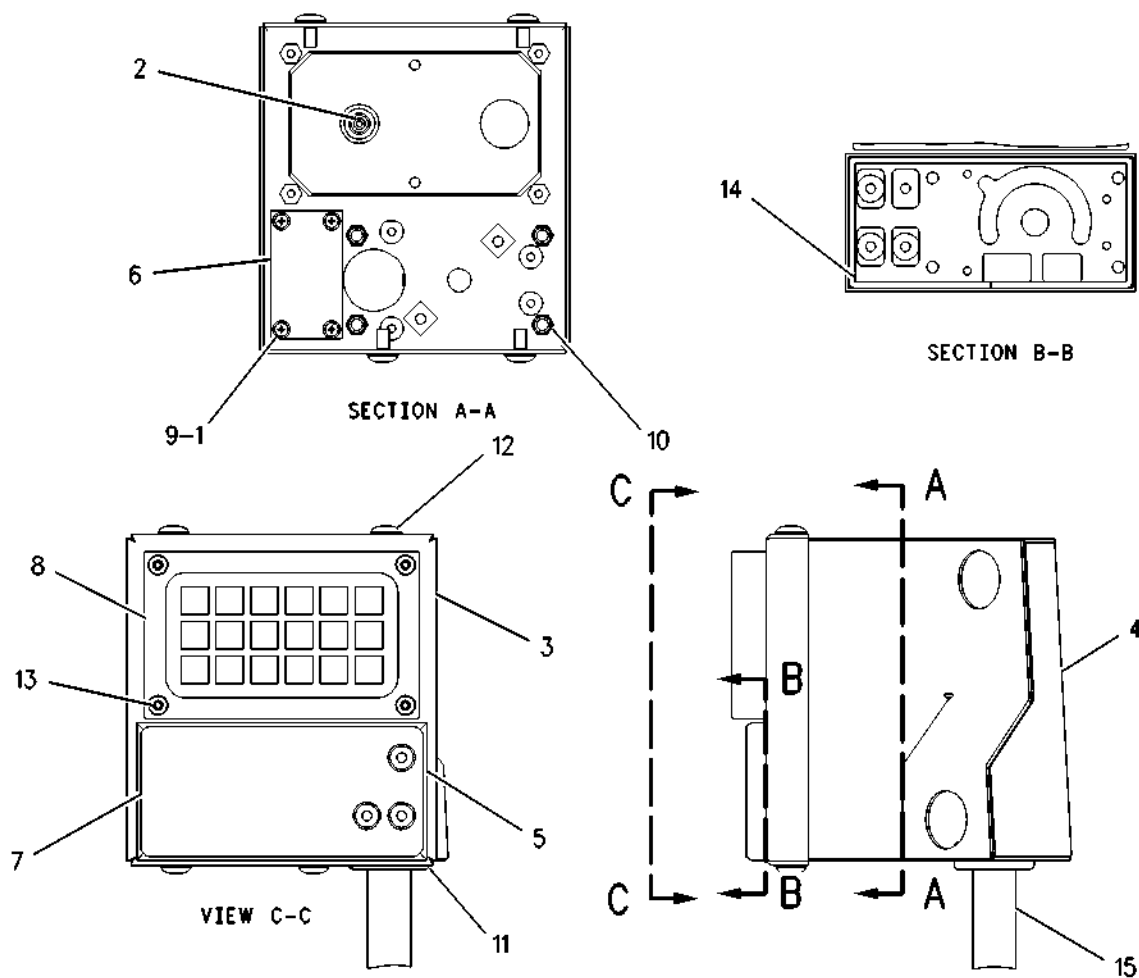
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9X-6259	4	SCREW-MACHINE (6-32 X 0.375 IN)	
	2	1	123-9294	1	LAMP (24 VOLT) (KEYPAD)	
	3	1	136-6140	1	COVER AS	
	4	1	136-6142	1	PLATE AS	
	5	1	143-3974	1	COVER AS	
Y	6	1	149-6470	1	CONTROL GP-DISPLAY ELECTRONIC	1027
	7	1	173-1646	1	FILM-IDENTIFICATION (BLADE POSITION)	
Y	8	1	225-9217	1	MODULE GP-MONITOR KEYPAD (INTERNATIONAL VERSION)	1071
	9	1	096-6166	4	WASHER-HARD (4.5X9X1MM THK)	
M	10	1	129-3178	4	LOCKNUT (M6X1 THD)	
	11	1	1M-4543	1	GROMMET	
	12	1	6V-3884	4	SCREW-HEX SOCKET (1/4-20X0.5 IN)	
M	13	1	7Y-7256	4	SCREW-TRUSS HEAD (M4X0.7X35MM)	
BD	14	1	5P-5969		SEAL	
	15	1	143-9484	1	HARNESS AS-KEYPAD	
		1	102-8805	2	KIT-RECEPTACLE (6-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
		1	155-2272	2	PLUG AS-CONNECTOR (4-PIN)	

B-USE AS REQUIRED
D-ORDER BY THE METER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

183-2076 CONTROL GP - ELECTRONIC (contd.)

i01988518



GRAPHIC #1

<END>

g00664942

ELECTRICAL AND STARTING SYSTEM

130-7481 CONTROL GP-ENGINE ELECTRONIC

S/N: 2GR1180-2282

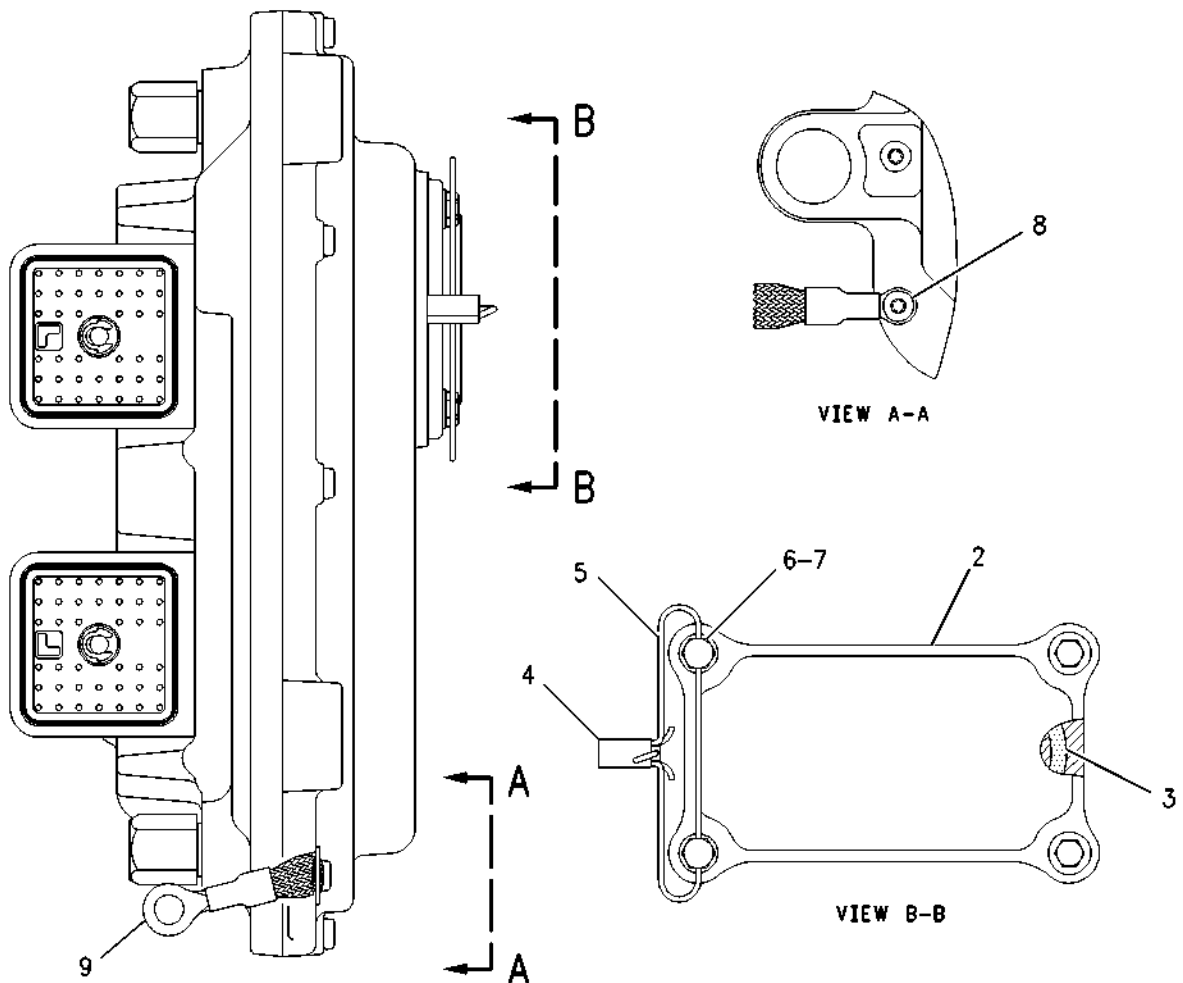
PART OF 132-8900 CONTROL GP-ENGINE ELECTRONIC

SMCS-1901

i02001203

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	2	1	111-8411	1	COVER	
	3	1	6V-1179	1	SEAL-O-RING	
	4	1	8S-8158	1	SEAL-WIRE	
D	5	1	8C-8418		LOCKWIRE (.2M)	
M	6	1	102-4087	4	BOLT (M5X.8X12MM)	
	7	1	2H-2615	4	WASHER (.219X.41X.0312 IN THK)	
	8	1	126-7574	1	SCREW-PAN HEAD (8-32X9.52MM)	
	9	1	7X-6315	1	STRAP AS-GROUND	
AVAILABLE REPAIR KIT(S) :						
M			6V-6703	2	KIT-RETAINING BOLT (ENGINE ELECTRONIC CONTROL) (EACH INCLUDES BOLT, RING AND SEALS)	

D-ORDER BY THE METER
M-METRIC PART



GRAPHIC #1

<END>

g00872924

ELECTRICAL AND STARTING SYSTEM

132-8900 CONTROL GP-ENGINE ELECTRONIC

S/N: 2GR1180-2282

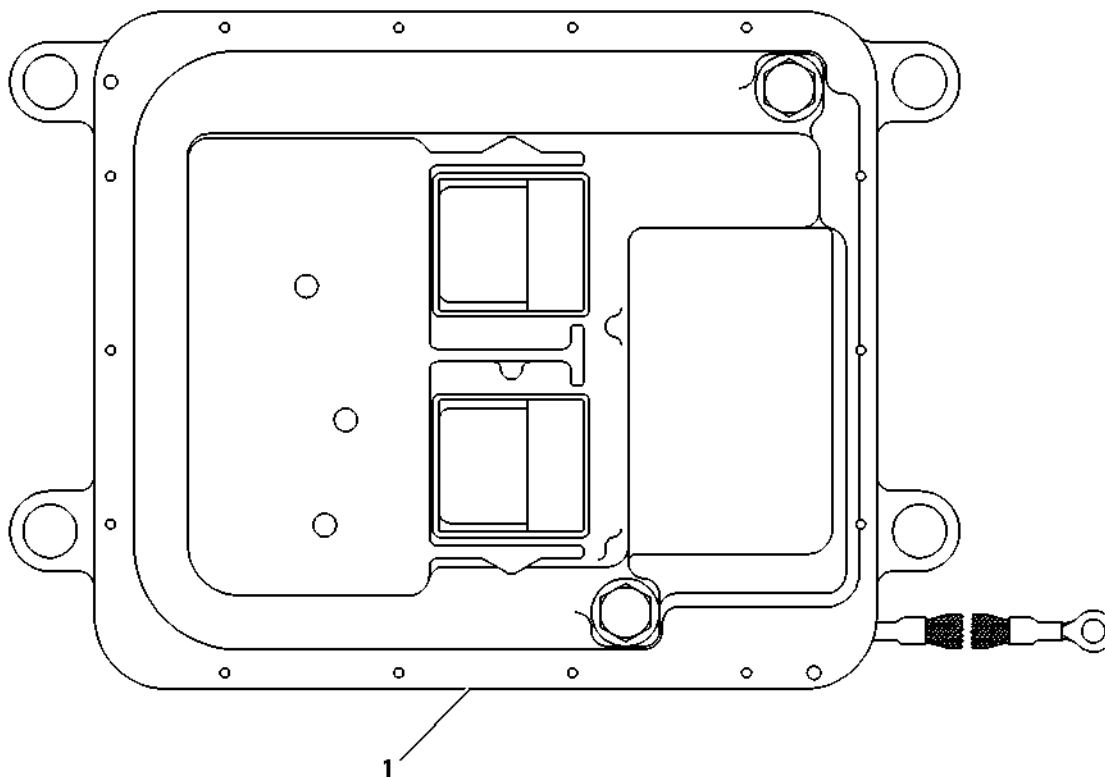
PART OF 175-5213 CONTROL & MTG GP-ENGINE ELEK

SMCS-1901

i01591084

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	130-7481	1	CONTROL GP-ENGINE ELECTRONIC (PERSONALITY MODULE)	287

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00260096

ELECTRICAL AND STARTING SYSTEM

132-8900 CONTROL GP-ENGINE ELECTRONIC

S/N: 2GR2283-UP

PART OF 175-5213 CONTROL & MTG GP-ENGINE ELEK

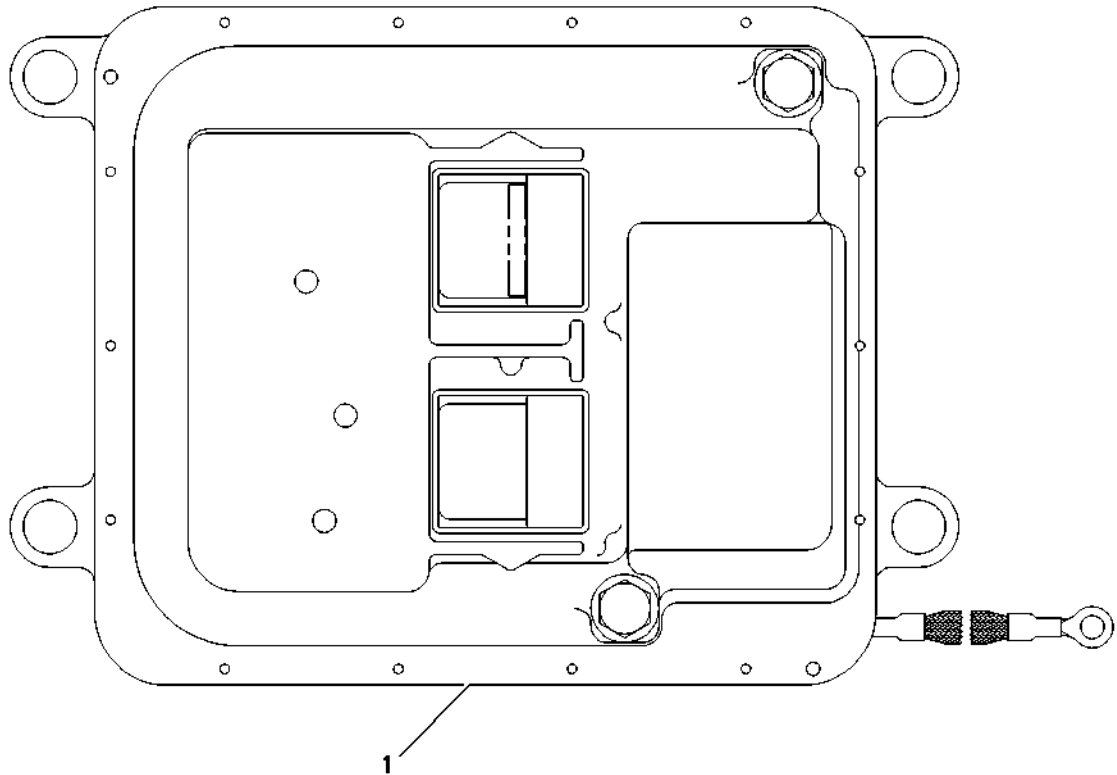
SMCS-1901

i01683039

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
CY	1	1	176-7503	1	CONTROL GP-ENGINE ELECTRONIC	290

C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00673713

ELECTRICAL AND STARTING SYSTEM

176-7503 CONTROL GP-ENGINE ELECTRONIC

S/N: 2GR2283-UP

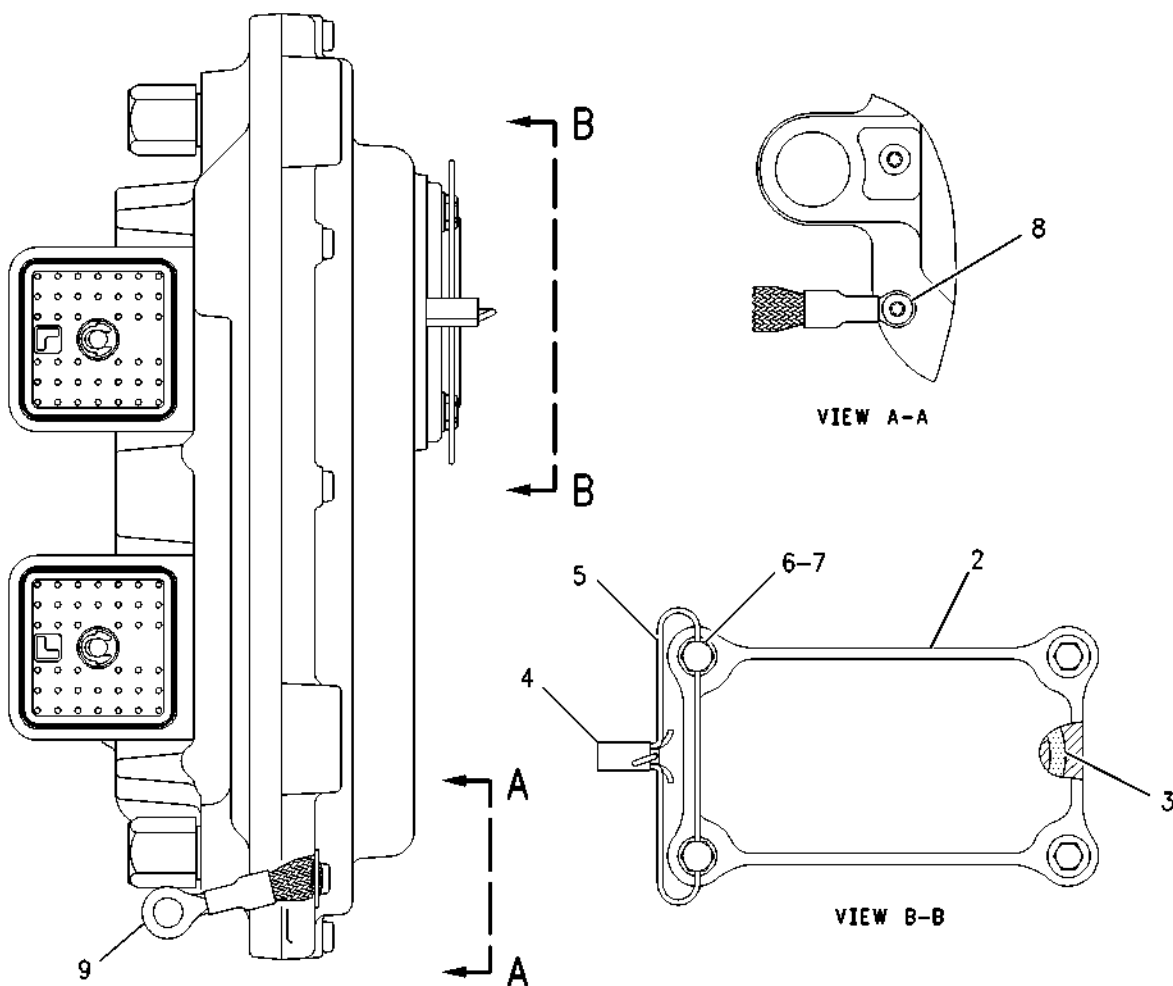
PART OF 132-8900 CONTROL GP-ENGINE ELECTRONIC

SMCS-1901

i01734364

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	1	2	3	4	5	6	(PRODUCT LEVEL)	SEE PAGE	
	2	1	111-8411	1	COVER								
	3	1	6V-1179	1	SEAL-O-RING								
	4	1	8S-8158	1	SEAL-WIRE								
D	5	1	8C-8418		LOCKWIRE (.2M)								
M	6	1	102-4087	4	BOLT (M5X.8X12MM)								
	7	1	2H-2615	4	WASHER (.219X.41X.0312 IN THK)								
	8	1	126-7574	1	SCREW-PAN HEAD (8-32X9.52MM) (SELF LOCKING)								
	9	1	7X-6315	1	STRAP AS								
AVAILABLE REPAIR KIT(S) :													
M			6V-6703	2	KIT-RETAINING BOLT (ENGINE ELECTRONIC CONTROL)								
(EACH INCLUDES BOLT , SEALS AND RINGS)													

D-ORDER BY THE METER
M-METRIC PART



GRAPHIC #1

<END>

g00872924

ELECTRICAL AND STARTING SYSTEM

160-1758 CONTROL GP-UNPROGRAMMED-POWER TRAIN

S/N: 7PZ1-UP

PART OF 158-8077 CONTROL & MTG GP-POWER TRAIN

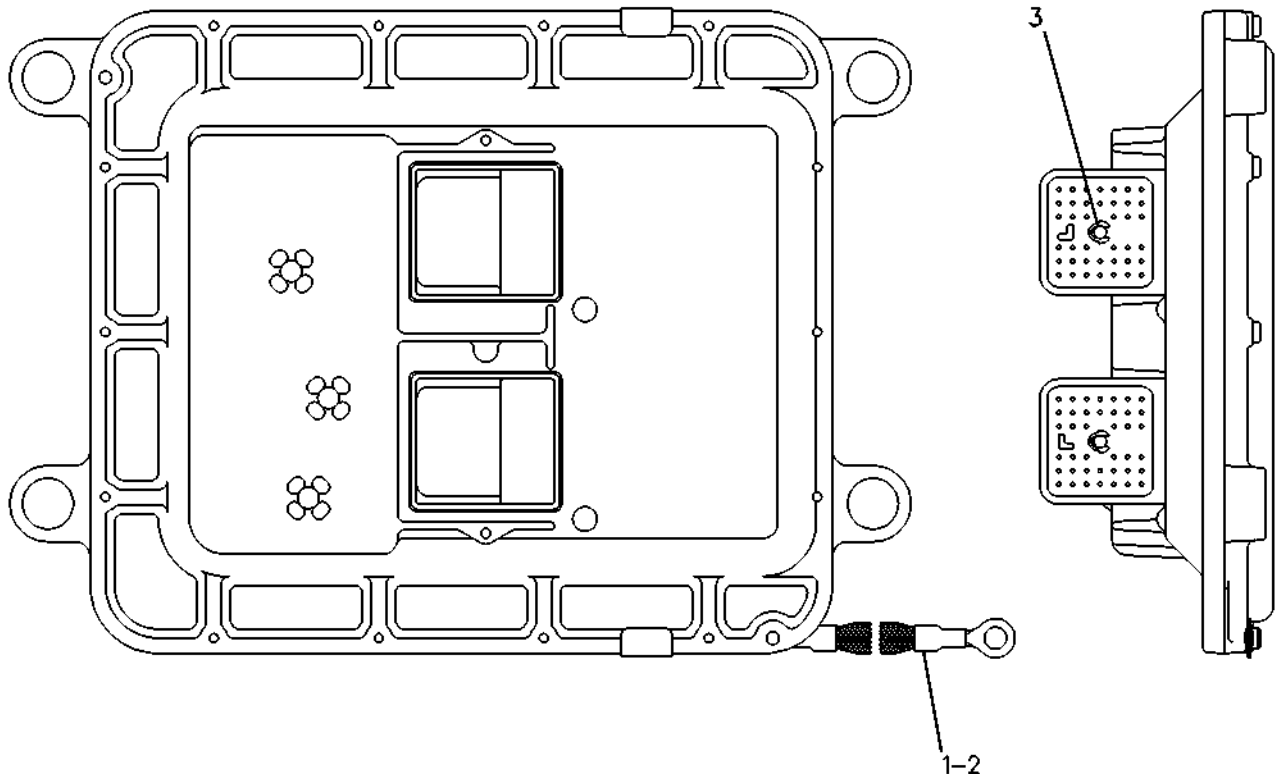
SMCS-7610

i01989527

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7X-6315	1	STRAP AS-GROUND	
	2	1	101-0852	1	SCREW-PAN HEAD (NO 8 X 3/8 IN)	
M	3	1	6V-6703	2	KIT-RETAINING BOLT (UNPROGRAMMED CONTROL) (EACH INCLUDES BOLT, RING, AND SEALS)	

FOR SOFTWARE, SEE ELECTRONICS GP

M-METRIC PART



GRAPHIC #1

<END>

g00087166

ELECTRICAL AND STARTING SYSTEM

166-7731 CONTROL GP-UNPROGRAMMED-IMPLEMENT CONTROL

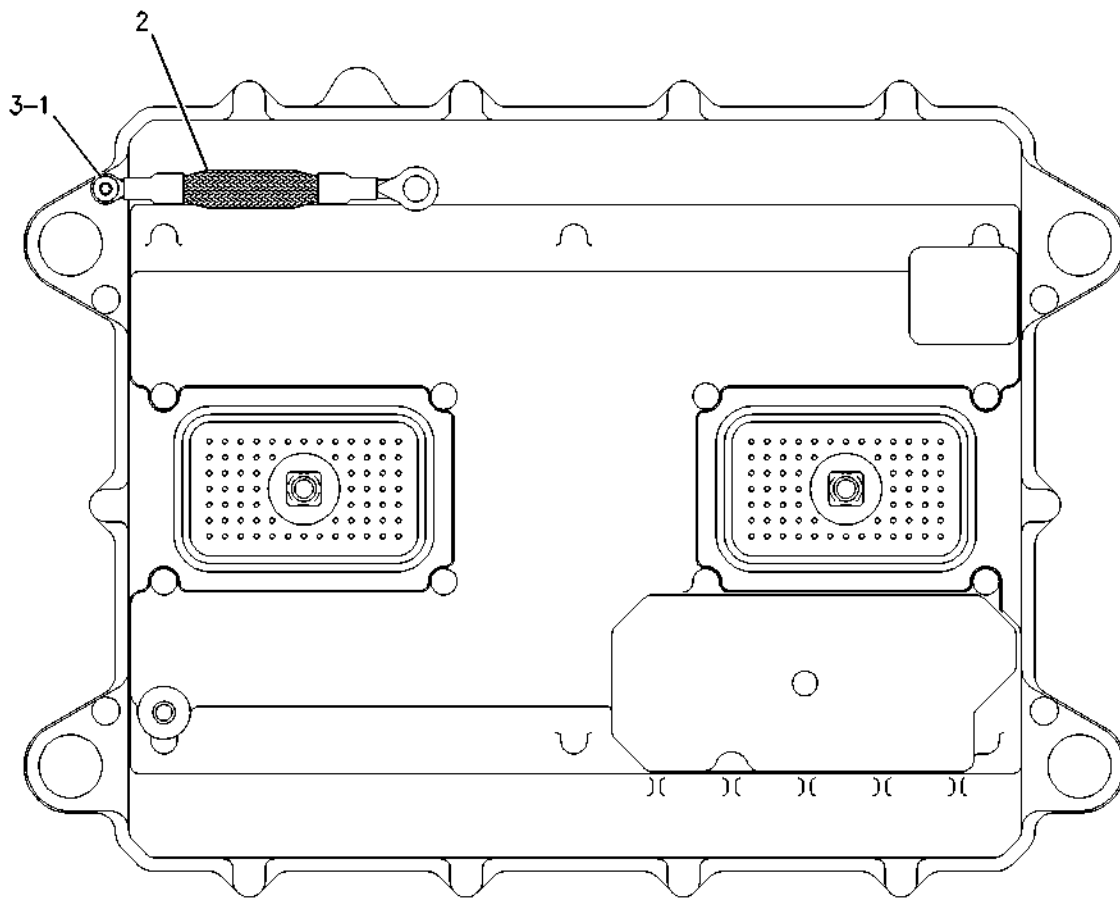
S/N: 7PZ1-UP

PART OF 173-3263 CONTROL & MTG GP-ELECTRONIC, 236-6586 SERVICE GP-IMPLEMENT

SMCS-7610

i01091777

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	134-4126	1	WASHER						
	2	1	7X-6315	1	STRAP-GROUNDING						
	3	1	120-4897	1	SCREW-PAN HEAD						



GRAPHIC #1

<END>

g00580081

ELECTRICAL AND STARTING SYSTEM

169-0489 CONTROL GP-UNPROGRAMMED-VIDS

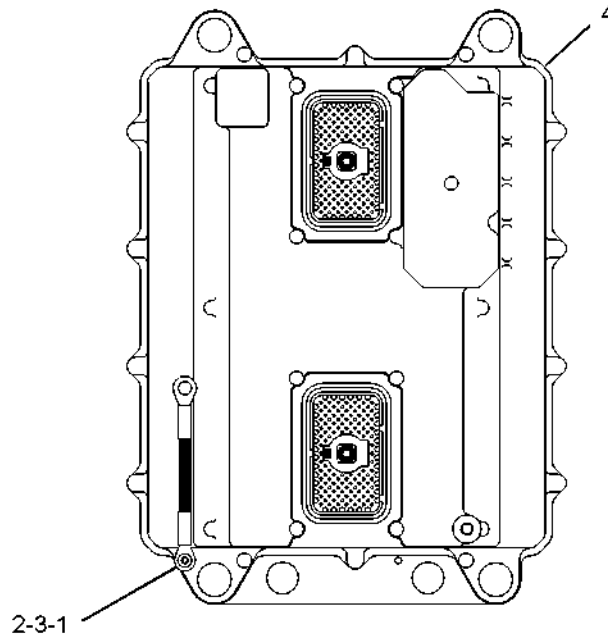
S/N: 7PZ1-UP

PART OF 173-3262 CONTROL & MTG GP-ELECTRONIC, 239-7919 SERVICE GP-MONITOR

SMCS-7610

i02023801

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	134-4126	1	WASHER (4.52X8.28X.76-MM THK)	
	2	1	184-2472	2	SCREW-PAN HEAD (NO.8-32X9.52-MM)	
	3	1	7X-6315	1	STRAP AS-GROUND	
Z	4	1		1	CONTROL AS	
Z-NOT SERVICED SEPARATELY						



GRAPHIC #1

<END>

g01044926

ELECTRICAL AND STARTING SYSTEM

172-9389 CONTROL GP-UNPROGRAMMED-POWER TRAIN

S/N: 7PZ1-UP

PART OF 158-8077 CONTROL & MTG GP-POWER TRAIN, 218-0425 SERVICE GP-POWER TRAIN

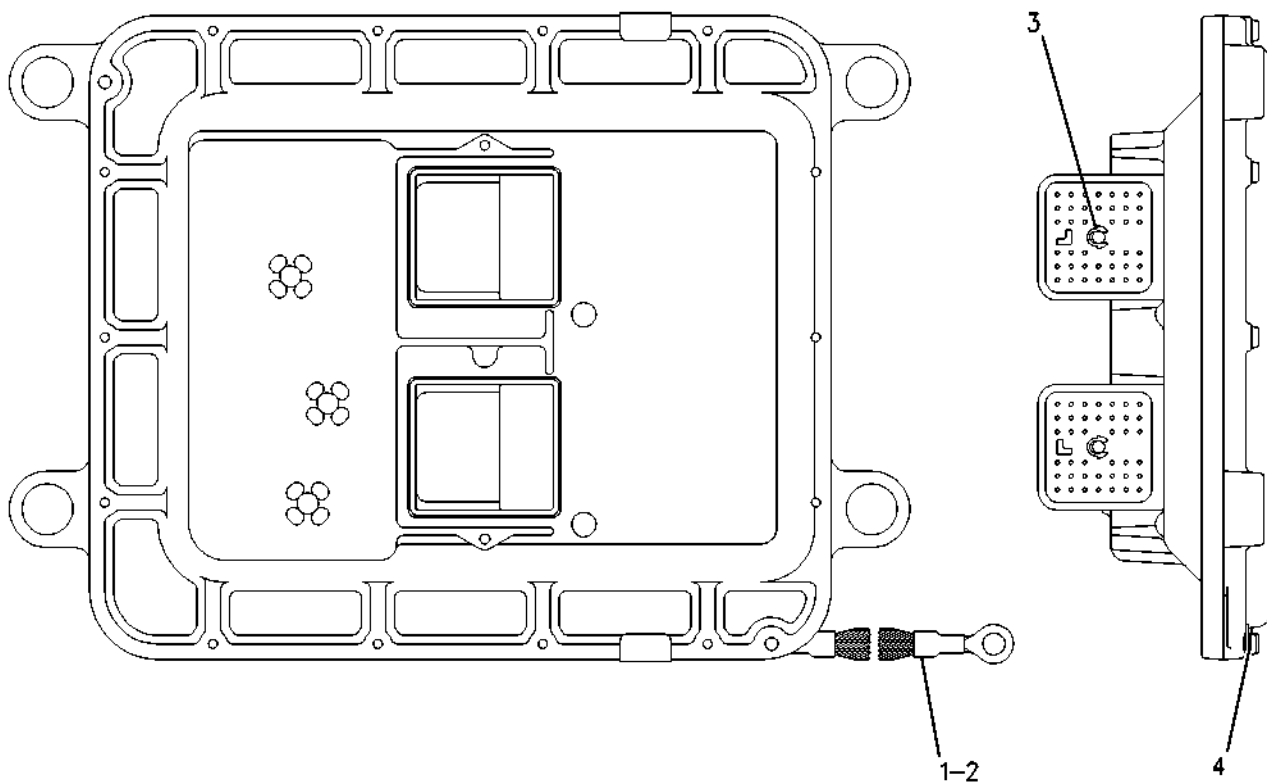
SMCS-7610

i01988516

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-6315	1	STRAP AS-GROUND						
	2	1	101-0852	1	SCREW-PAN HEAD (NO 8 X 3/8 IN)						
M	3	1	6V-6703	2	KIT-RETAINING BOLT (UNPROGRAMMED CONTROL)						
					(EACH INCLUDES BOLT, RING, AND SEALS)						
	4	1	134-4126	1	WASHER (4.52X8.28X.76MM THK)						

FOR SOFTWARE, SEE ELECTRONICS GP

M-METRIC PART



GRAPHIC #1

<END>

g00951290

ELECTRICAL AND STARTING SYSTEM

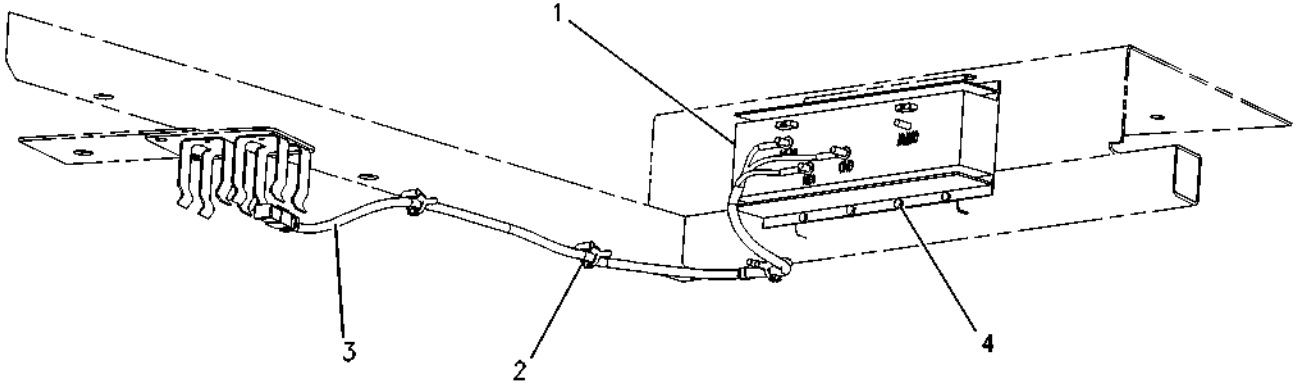
159-5200 CONVERTER GP-ELECTRICAL

S/N: 7PZ1-UP
(24 VOLTS TO 12 VOLTS) (25 AMP)
AN ATTACHMENT

SMCS-1421

i01988559

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-8646	1	CONVERTER-POWER (24 VOLT TO 12 VOLT) (25 AMP)						
		1	8T-9636	2	FUSE (30 AMP) (POWER CONVERTER)						
	2	1	9X-6772	3	STRAP-CABLE						
	3	1	160-0633	1	HARNESS AS (POWER CONVERTER)						
	4	1	9X-2498	8	SCREW-HEX FLANGE (10-24X0.5 IN)						



GRAPHIC #1

<END>

g00573516

ELECTRICAL AND STARTING SYSTEM

155-5555 ELECTRONICS AR-MACHINE

S/N: 7PZ1-UP

PART OF 155-5550 GENERAL AR

SMCS-7000

i01142051

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	173-7246	1	ELECTRONICS GP-IMPLEMENT						296
Y	173-7459	1	ELECTRONICS GP-POWER TRAIN						297
Y	173-7247	1	ELECTRONICS GP-MONITOR (VIDS)						296
Y-SEPARATE ILLUSTRATION									

<END>

173-7246 ELECTRONICS GP-IMPLEMENT

S/N: 7PZ1-UP

PART OF 155-5555 ELECTRONICS AR-MACHINE

SMCS-5701, 7610, 7620

i02023743

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	236-6585	1	SOFTWARE GP-IMPLEMENT						
			(SOFTWARE ONLY)						
Y	236-6586	1	SERVICE GP-IMPLEMENT						351
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						

<END>

173-7247 ELECTRONICS GP-MONITOR

S/N: 7PZ1-UP

PART OF 155-5555 ELECTRONICS AR-MACHINE

SMCS-7490, 7601, 7603, 7610, 7620

i02023741

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	239-7918	1	SOFTWARE GP-MONITOR (VIMS)						
			(SOFTWARE ONLY)						
Y	239-7919	1	SERVICE GP-MONITOR						352
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						

<END>

ELECTRICAL AND STARTING SYSTEM

173-7459 ELECTRONICS GP-POWER TRAIN

S/N: 7PZ1-UP

PART OF 155-5555 ELECTRONICS AR-MACHINE

SMCS-4800, 4808, 7610, 7620

i02023632

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	218-0424	1	SOFTWARE GP-POWER TRAIN						
			(SOFTWARE ONLY)						
Y	218-0425	1	SERVICE GP-POWER TRAIN						353
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

6I-9455 HEATER GP-FUEL

S/N: 7PZ1-UP
AN ATTACHMENT

SMCS-1296

i01707303

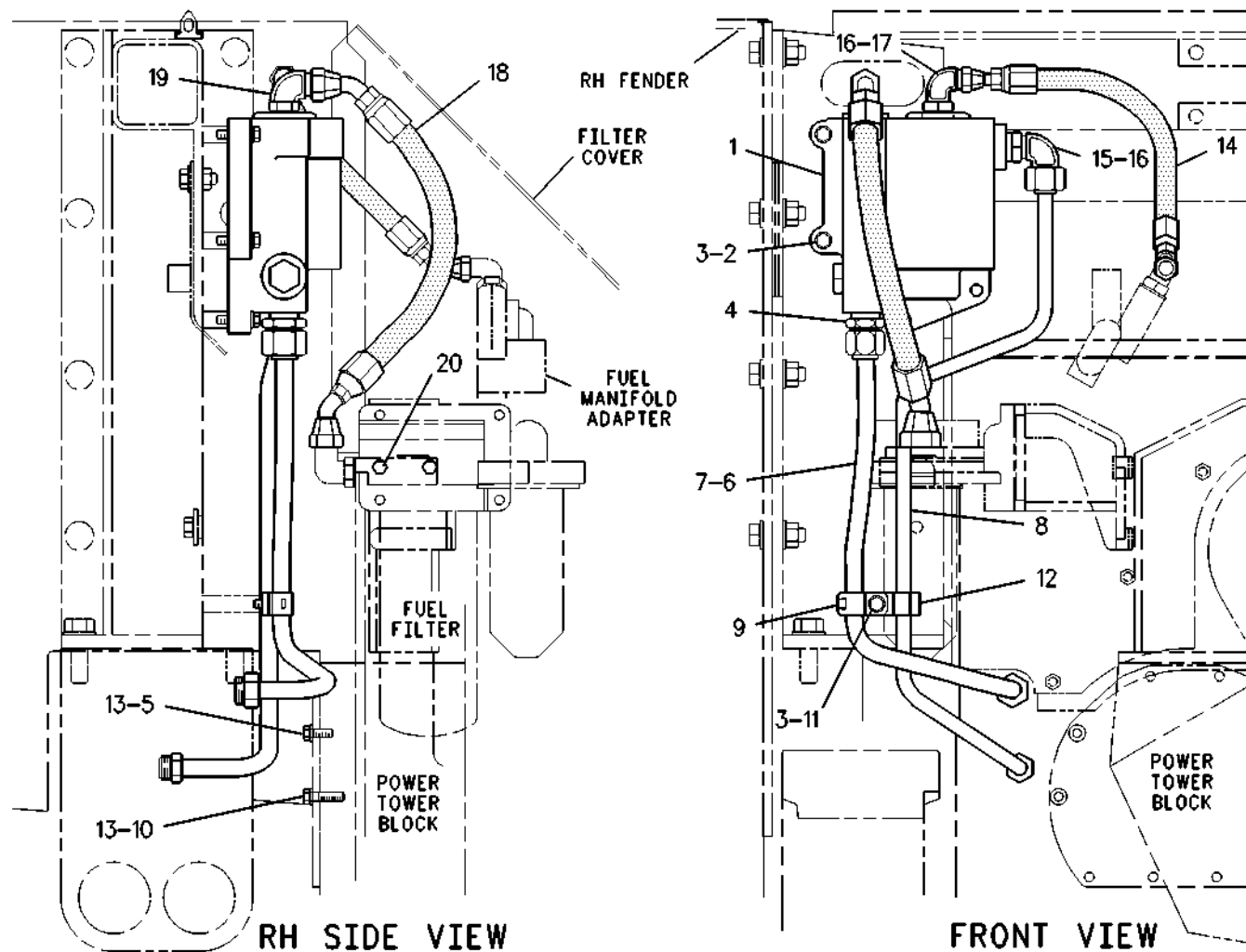
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7W-5300	1	HEATER-FUEL	
	2	1	7X-0288	3	BOLT (3/8-16X1.625 IN)	
	3	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	4	1	8C-6875	1	CONNECTOR	
		1	5K-9090	1	SEAL-O-RING	
	5	1	0S-1594	1	BOLT (3/8-16X1 IN)	
	6	1	6I-9459	1	TUBE AS	
	7	1	6V-9746	2	SEAL-O-RING	
	8	1	7J-9108	1	SEAL-O-RING	
		1	6I-9458	1	TUBE AS	
	9	1	8T-1887	1	CLIP (SLOT)	
		1	8T-1888	1	CLIP (TAB)	
	10	1	0S-1591	1	BOLT (3/8-16X1.5 IN)	
	11	1	8T-2502	1	BOLT (3/8-16X1.125 IN)	
	12	1	6K-4947	1	CLIP (TAB)	
		1	6K-4948	1	CLIP (SLOT)	
	13	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5MM THK)	
I	14	1	6I-9457	1	HOSE AS	
	15	1	9X-2398	1	ELBOW	
	16	1	6B-9081	2	BUSHING-REDUCING	
	17	1	061-6717	1	ELBOW-FLARED	
I	18	1	6I-9456	1	HOSE AS	
	19	1	2P-8511	1	ELBOW-FLARED	
	20	1	1A-2029	2	BOLT (3/8-16X1.125 IN)	

I-SEE HOSE FABRICATION GUIDE

ELECTRICAL AND STARTING SYSTEM

6I-9455 HEATER GP-FUEL (contd.)

i01707303



GRAPHIC #1

<END>

g00526359

ELECTRICAL AND STARTING SYSTEM

7W-8154 HEATER GP-JACKET WATER

S/N: 7PZ1-UP

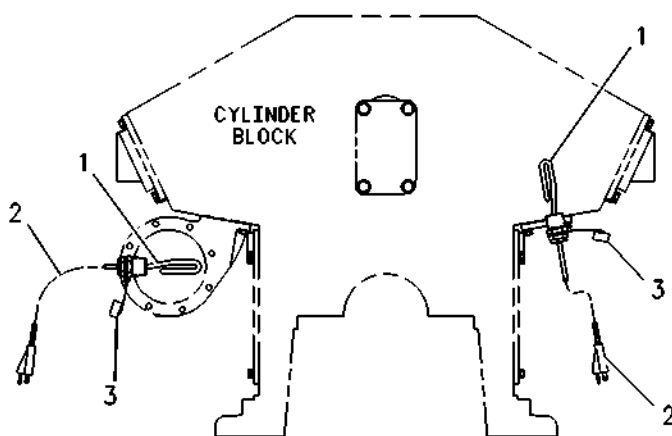
120 VOLT

AN ATTACHMENT

SMCS-1383

i01988557

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9G-6655	2	ELEMENT AS-JACKET WATER HEATER (120 VOLT, 1500 WATT)						
	2	1	9N-5253	2	CORD AS-JACKET WATER HEATER						
	3	1	6N-1604	2	CAP AS-DUST						



FRONT VIEW

GRAPHIC #1

<END>

g00087996

ELECTRICAL AND STARTING SYSTEM

7W-8155 HEATER GP-JACKET WATER

S/N: 7PZ1-UP

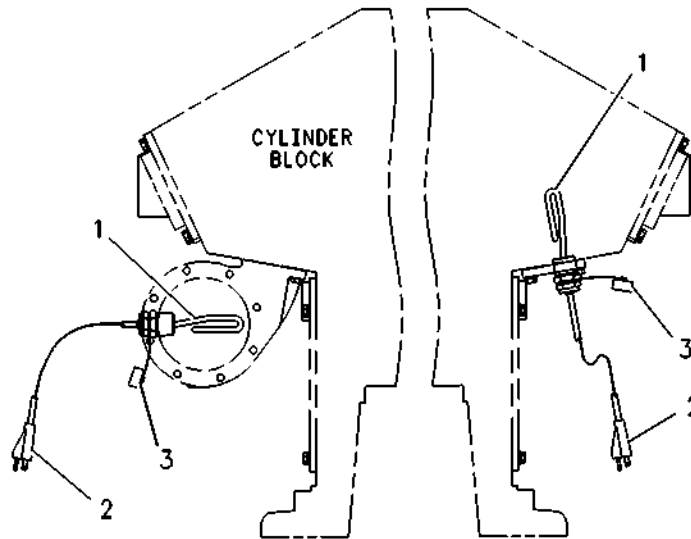
240 VOLT

AN ATTACHMENT

SMCS-1383

i01989506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6T-3764	2	ELEMENT AS-JACKET WATER HEATER (240 VOLT, 1500 WATT)						
	2	1	4N-8227	2	CORD AS-HEATER						
	3	1	6N-1604	2	CAP AS-DUST						



FRONT VIEW

GRAPHIC #1

<END>

g00106470

ELECTRICAL AND STARTING SYSTEM

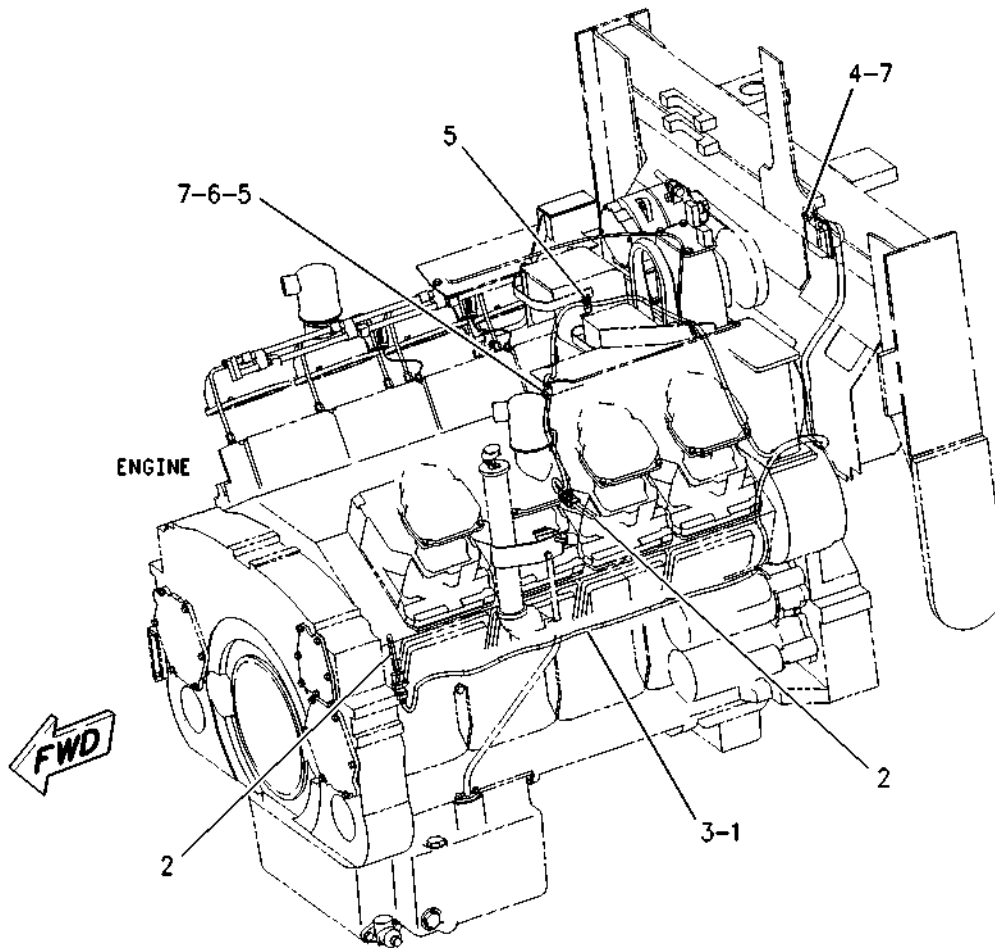
205-5779 HEATER GP-JACKET WATER

S/N: 7PZ1-UP
120VOLT/30 AMPERE
AN ATTACHMENT

SMCS-1383

i01988553

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7K-1181	17	STRAP-CABLE						
	2	1	9G-6655	2	ELEMENT AS-JACKET WATER HEATER (120 VOLT, 1500 WATT)						
	3	1	205-5781	1	CORD AS						
		1	6D-5801	4	NUT (8-32 THD)						
		1	6N-0412	4	SCREW AS-MACHINE						
	4	1	4L-6454	2	BOLT (3/8-16X1 IN)						
	5	1	4P-8134	5	CLIP						
	6	1	5M-3062	1	BOLT (3/8-16X0.75 IN)						
	7	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5MM THK)						



GRAPHIC #1

<END>

g00954068

ELECTRICAL AND STARTING SYSTEM

206-2926 HEATER GP-JACKET WATER

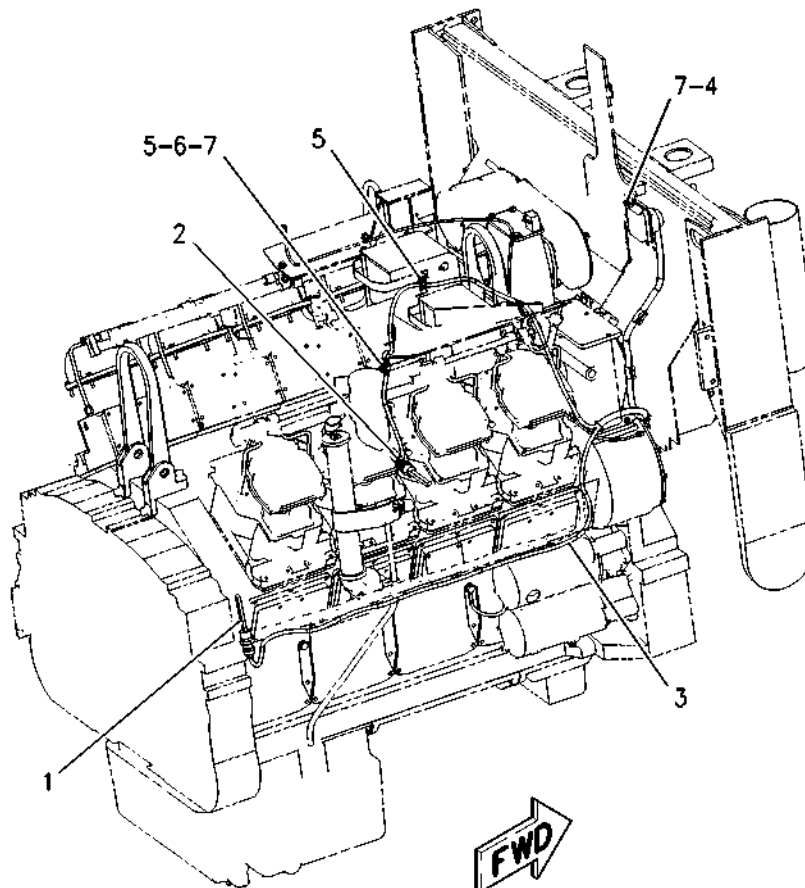
S/N: 7PZ1-UP

AN ATTACHMENT

SMCS-1383

i01989088

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6T-3764	2	ELEMENT AS-JACKET WATER HEATER (240 VOLT, 1500 WATT)						
	2	1	7K-1181	17	STRAP-CABLE						
	3	1	192-7931	1	HARNESS AS-HEATER (JACKET WATER)						
	4	1	4L-6454	2	BOLT (3/8-16X1 IN)						
	5	1	4P-8134	5	CLIP						
	6	1	5M-3062	1	BOLT (3/8-16X0.75 IN)						
	7	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5MM THK)						



GRAPHIC #1

<END>

g00875087

ELECTRICAL AND STARTING SYSTEM

207-5262 INSTALLATION GP-SECURITY

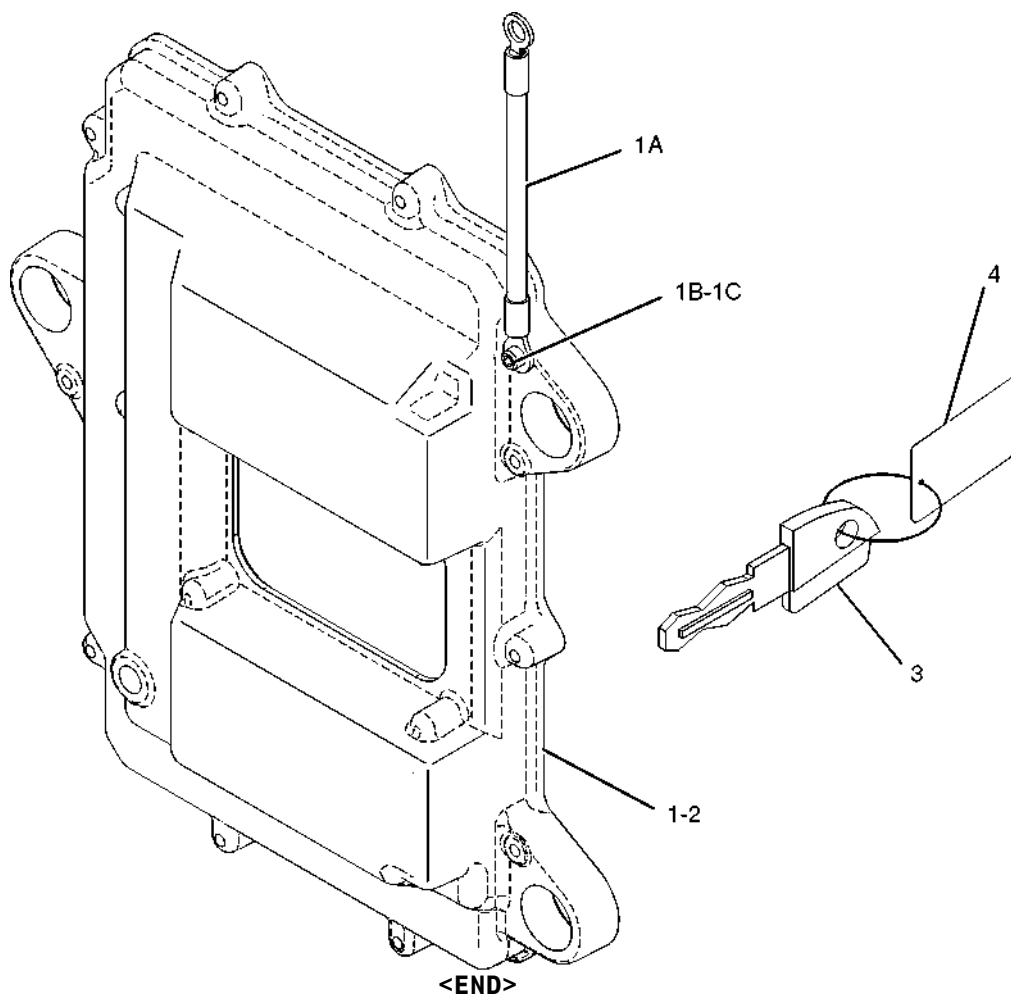
S/N: 7PZ1-UP

PART OF 237-5920 INSTALLATION GP-SECURITY

SMCS-7631

i02029619

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	156-6155	1	CONTROL GP-UNPROGRAMMED (SECURITY)						
	1A	1	7X-6315	1	STRAP AS-GROUND						
	1B	1	184-2472	1	SCREW-PAN HEAD (NO.8-32X9.52-MM)						
	1C	1	134-4126	1	WASHER (4.52X8.28X.76-MM THK)						
	2	1	232-9737	1	SOFTWARE GP-MACHINE (SECURITY)						
	3	1	206-5162	2	KEY AS-ELECTRONIC (YELLOW)						
					-OR-						
		1	206-5165	1	KEY AS-ELECTRONIC (GRAY)						
	4	1	219-6314	2	KEY RING (IDENTIFICATION)						



GRAPHIC #1

g01026135

ELECTRICAL AND STARTING SYSTEM

237-5920 INSTALLATION GP-SECURITY

S/N: 7PZ1-UP

UNIVERSAL ATTACHMENT KIT
FIELD INSTALLATION

SMCS-7631

i02029620

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	205-8257	1	COIL AS (EXCITER)						
	186-3735	2	PIN-CONNECTOR						
	222-3870	1	COIL AS (FERRITE)						
	102-8802	2	KIT-RECEPTACLE (2-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	186-3735	4	PIN-CONNECTOR						
BE	9X-1813		SLEEVE						
Y	207-5262	1	INSTALLATION GP-SECURITY						304
	198-5389	1	FILM (IGNITION SWITCH)						
	200-5125	1	FILM (IGNITION SWITCH)						
	205-0826	1	FILM (SECURITY)						
	224-3385	1	FILM (START)						
	226-5602	1	FILM (EXCITER COIL)						
	225-8513	1	HARNESS AS (SECURITY INSTALLATION)						
	186-3735	6	PIN-CONNECTOR						
	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
	155-2270	3	KIT-CONNECTING PLUG (2-PIN)						
			(EACH INCLUDES PLUG AS & WEDGE)						
	102-8802	1	KIT-RECEPTACLE (2-PIN)						
	102-8803	1	KIT-RECEPTACLE (3-PIN)						
			(EACH INCLUDES RECEPTACLE AS & WEDGE)						
	165-5655	1	LAMP AS (12-VOLT) (SECURITY INSTALLATION)						
	186-3735	3	PIN-CONNECTOR						
M	6V-9189	3	LOCKNUT (M8X1.25-THD)						
M	129-3178	4	LOCKNUT (M6X1-THD)						
	8T-9655	6	MOUNT (ISOLATION)						
	149-9818	1	PLATE						
	213-2323	1	PLATE AS						
	230-8173	1	PLATE-COVER						
	3E-5239	2	RELAY AS (24-VOLT) (SECURITY INSTALLATION)						
	115-1615	2	RELAY AS (12-VOLT) (SECURITY INSTALLATION)						
	200-6260	3	SCREW-BUTTON HEAD						
M	184-0982	2	SCREW-PAN HEAD (M6X1X16-MM THK)						
	141-4976	4	SCREW-WASHER HEAD (4-40X0.5-IN)						
	6I-1418	3	SPACER (8.2X12.7X28.7-MM THK)						
	115-8109	2	SPLICE-WIRE						
	7K-1181	20	STRAP-CABLE						
	151-6320	2	TOOL-WIRE REMOVAL						
	9N-0869	6	WASHER-HARD (8.8X25.5X2.0-MM THK)						
(NO ILLUSTRATION AVAILABLE AT TIME OF PUBLICATION)									
B-USE AS REQUIRED E-ORDER BY THE CENTIMETER M-METRIC PART Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

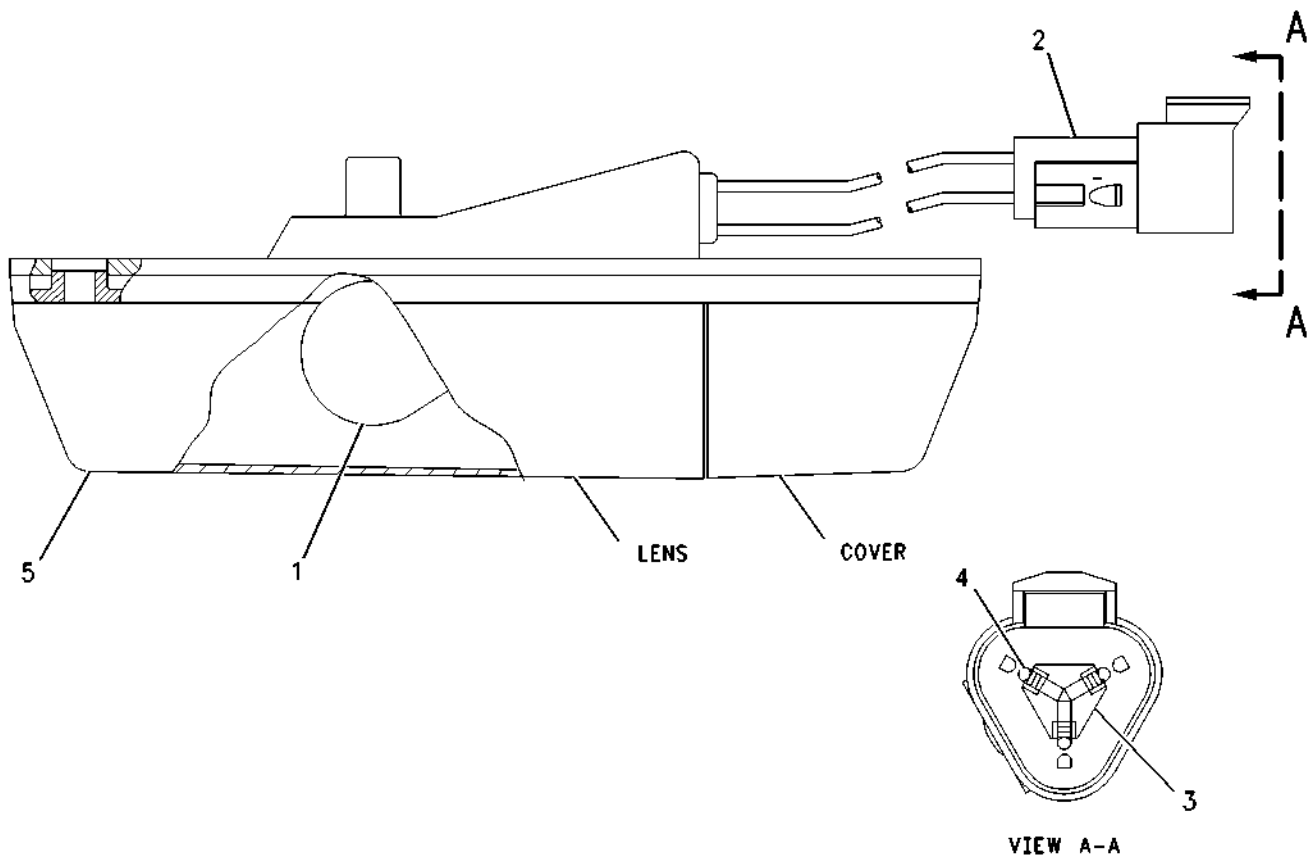
3E-6389 LAMP GP-DOME

S/N: 7PZ1-UP
24-VOLT. WITH SWITCH
PART OF 157-3737 CAB GP
ALSO AN ATTACHMENT

SMCS-1433

i02029616

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-9943	1	LAMP (24-VOLT) (CLEAR) (DOME)						
	2	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
	4	1	8T-8729	3	PIN-CONNECTOR						
	5	1	7T-0020	1	LENS (DOME LAMP)						



GRAPHIC #1

<END>

g00647928

ELECTRICAL AND STARTING SYSTEM

147-0319 LAMP GP-FLOOD-SUSPENDED

S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP; 7ZP1-UP; 8PP1-UP; 8RP1-UP; 7PZ1-UP

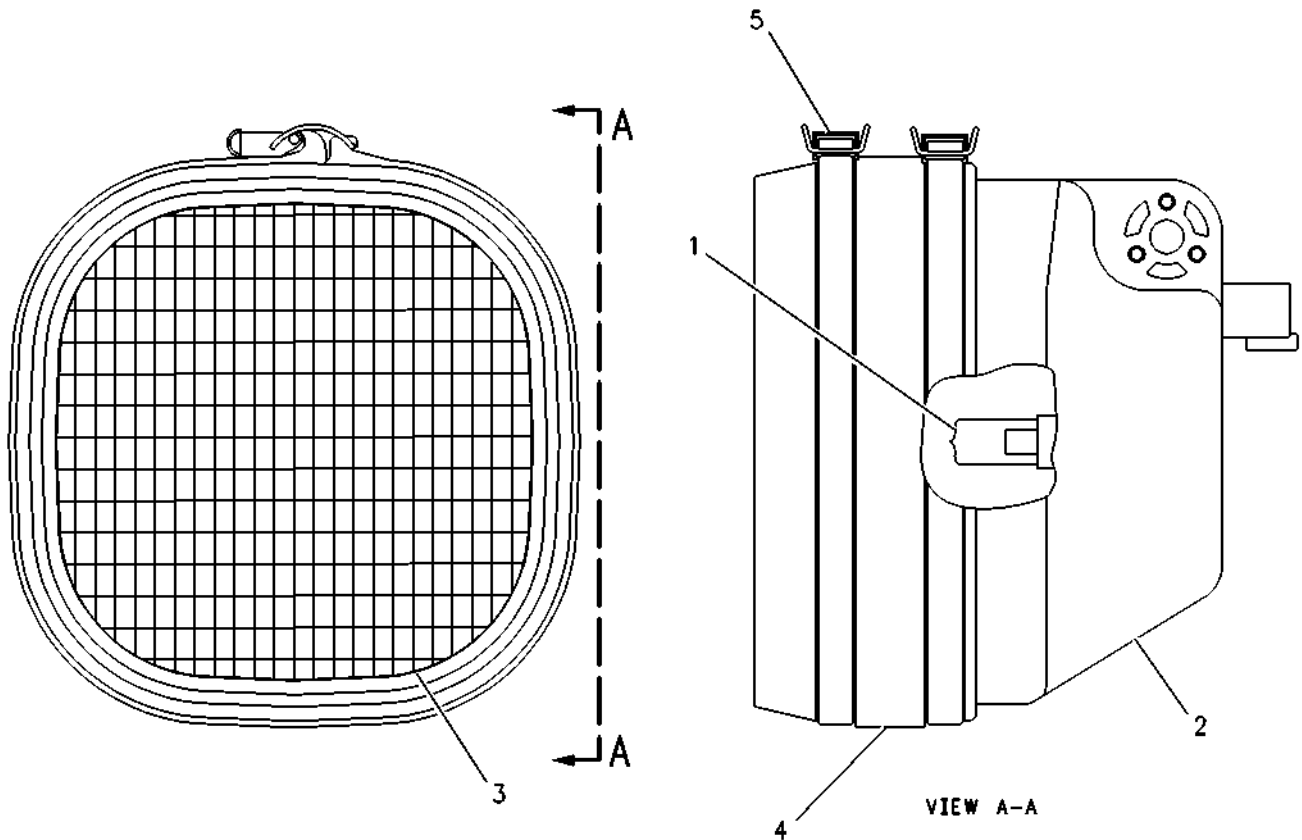
24 VOLT

PART OF 125-2001 LIGHTING GP-FLOOD
AN ATTACHMENT

SMCS-1434

i02029617

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-3463	1	LAMP-HALOGEN (24-VOLT, 65-WATT) (FLOODLIGHT)						
	2	1	158-0250	1	BODY AS-LAMP						
	3	1	158-0248	1	LENS AS						
	4	1	158-0252	1	BEZEL						
	5	1	188-8849	2	CLAMP						



GRAPHIC #1

<END>

g00458549

ELECTRICAL AND STARTING SYSTEM

153-2073 LAMP GP-FLOOD-VERTICAL

S/N: 7PZ1-UP

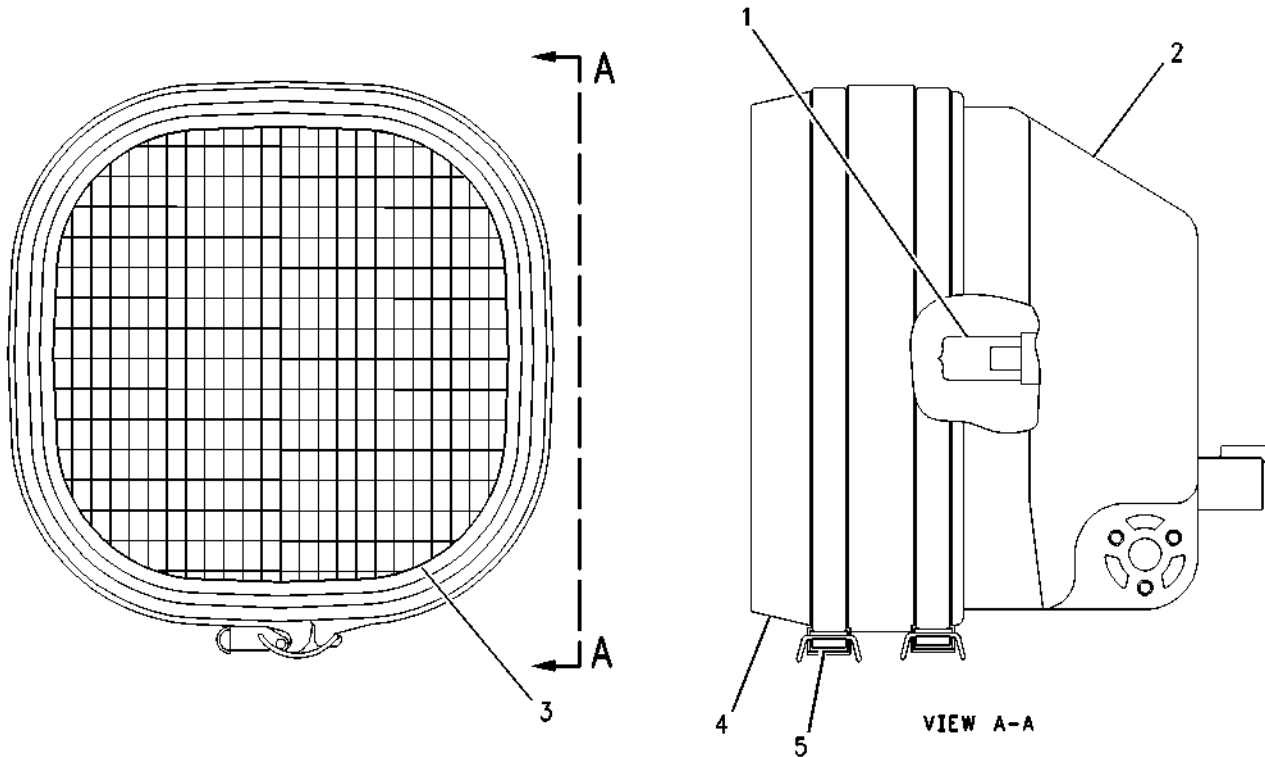
24-VOLT

PART OF 134-0978 LIGHTING GP-FLOOD

SMCS-1434

i02029621

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-3463	1	LAMP-HALOGEN (24-VOLT, 65-WATT) (FLOODLIGHT)						
	2	1	158-0250	1	BODY AS-LAMP						
	3	1	158-0248	1	LENS AS						
	4	1	158-0252	1	BEZEL						
	5	1	188-8849	2	CLAMP						



GRAPHIC #1

<END>

g00449633

ELECTRICAL AND STARTING SYSTEM

157-0305 LAMP GP-FLOOD-HIGH BEAM

S/N: 7PZ1-UP

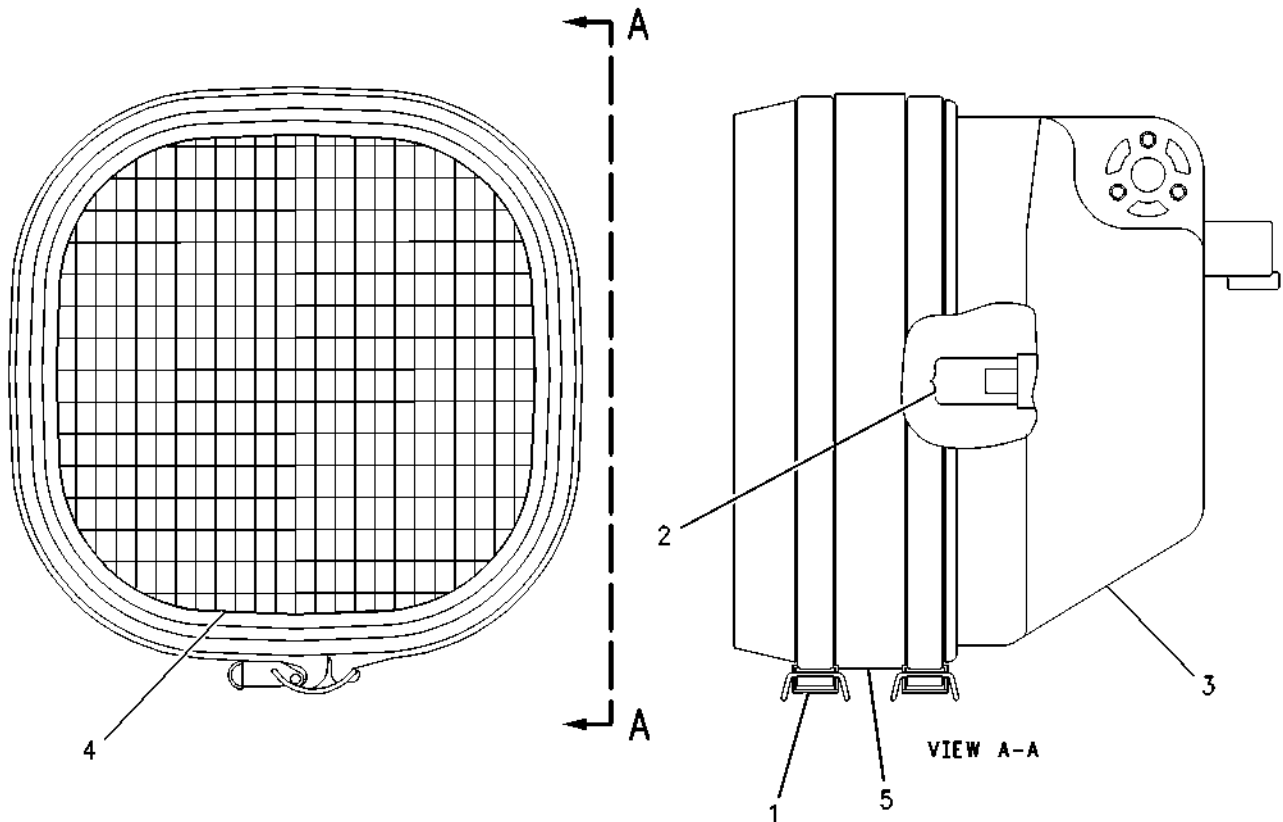
24 VOLT. SUSPENDED

PART OF 153-8916, 156-9938 LIGHTING AR
AN ATTACHMENT

SMCS-1434

i02029832

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	188-8849	2	CLAMP						
	2	1	9X-3463	1	LAMP-HALOGEN (24-VOLT, 65-WATT) (FLOODLIGHT)						
	3	1	158-0250	1	BODY AS-LAMP						
	4	1	158-0249	1	LENS AS						
	5	1	158-0252	1	BEZEL						



GRAPHIC #1

<END>

g00725230

ELECTRICAL AND STARTING SYSTEM

180-9846 LAMP GP-FLOOD-HIGH INTENSITY DISCHARGE-SUSPENDED

S/N: 7PZ1-UP

CLEAR

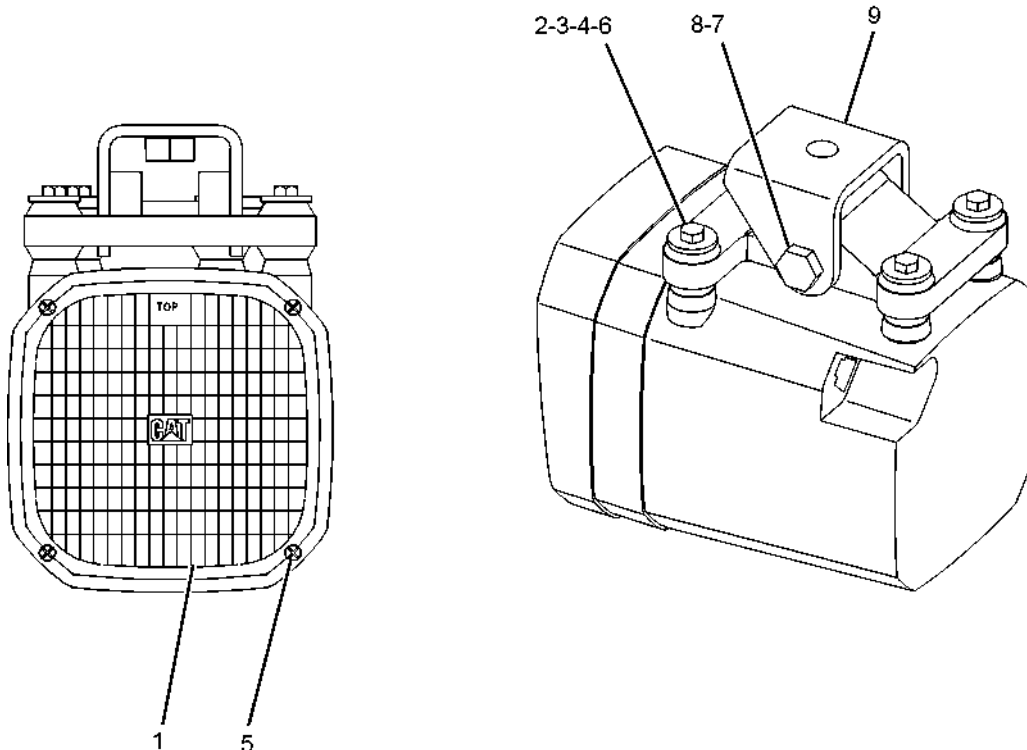
PART OF 192-5391 LIGHTING GP-FLOOD
FOR USE WITH HIGH VIBRATION APPLICATIONS
AN ATTACHMENT

SMCS-1434

i01958498

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-4998	1	LAMP AS-FLOOD (HID) (24 VOLT) (70 WATT) (CLEAR)						
	2	1	9X-9896	8	MOUNT (ISOLATION)						
	3	1	8C-5608	4	SPACER (6.5X9.5X25.4MM THK)						
	4	1	9X-6165	4	WASHER (6.5X22X2.5MM THK)						
M	5	1	120-9027	4	SCREW-PAN HEAD (M3X.5X16MM)						
M	6	1	7X-2533	4	BOLT (M6X1X35MM)						
M	7	1	8T-6868	1	BOLT (M12X1.75X80MM)						
M	8	1	129-3180	1	LOCKNUT (M12X1.75 THD)						
	9	1	215-1933	1	BRACKET						

M-METRIC PART



GRAPHIC #1

<END>

g01020822

ELECTRICAL AND STARTING SYSTEM

180-9847 LAMP GP-FLOOD-HID, VERTICAL MOUNT

S/N: 7PZ1-UP

24-VOLT, 70-WATT. CLEAR

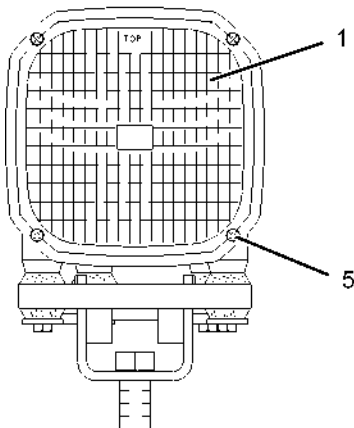
PART OF 192-5391 LIGHTING GP-FLOOD
FOR USE WITH HIGH VIBRATION APPLICATIONS
AN ATTACHMENT

SMCS-1434

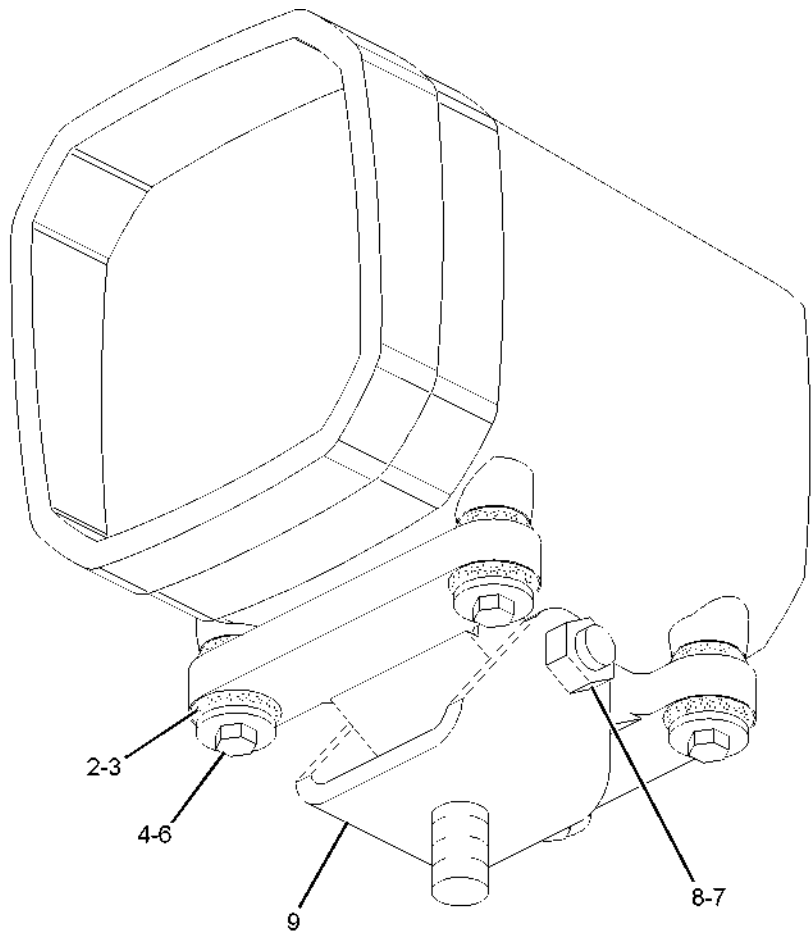
i01988560

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-4998	1	LAMP AS-FLOOD (HID) (24 VOLT) (70 WATT) (CLEAR)						
	2	1	9X-9896	8	MOUNT (ISOLATION)						
	3	1	8C-5608	4	SPACER (6.5X9.5X25.4MM THK)						
	4	1	9X-6165	4	WASHER (6.5X22X2.5MM THK)						
M	5	1	120-9027	4	SCREW-PAN HEAD (M3X.5X16MM)						
M	6	1	7X-2533	4	BOLT (M6X1X35MM)						
M	7	1	8T-6868	1	BOLT (M12X1.75X80MM)						
M	8	1	129-3180	1	LOCKNUT (M12X1.75 THD)						
	9	1	215-1933	1	BRACKET						

M-METRIC PART



GRAPHIC #1



<END>

g01023961

ELECTRICAL AND STARTING SYSTEM

153-8916 LIGHTING AR-HIGH BEAM

S/N: 7PZ1-UP

CANNOT BE USED WITH 102-4395-PAGE 322
AN ATTACHMENT

SMCS-1429

i01692361

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	5M-3062	2	BOLT (3/8-16X0.75 IN)						
	5P-2955	2	BOLT (5/16-18X2.50 IN)						
	111-8314	2	BRACKET AS						
	5P-8522	2	GROMMET						
	114-2368	2	GUARD AS						
			(EACH INCLUDES)						
	7T-1099	1	LINK						
Y	157-0305	2	LAMP GP-FLOOD (24V) (HIGH BEAM) (SUSPENDED)						309
	9W-4361	8	MOUNT						
	6V-8189	2	NUT (5/16-18 THD)						
	6V-8801	16	NUT (3/8-16 THD)						
	9X-6772	10	STRAP-CABLE						
	5P-1075	18	WASHER-HARD (10.2X22.5X3MM THK)						
	8T-4224	4	WASHER-HARD (8.8X16X2MM THK)						

Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

156-9938 LIGHTING AR-4 LAMP

S/N: 7PZ1-UP

ROPS MOUNTED-SPOT

CANNOT BE USED WITH 114-3107-PAGE 323

AN ATTACHMENT

SMCS-1429

i02023592

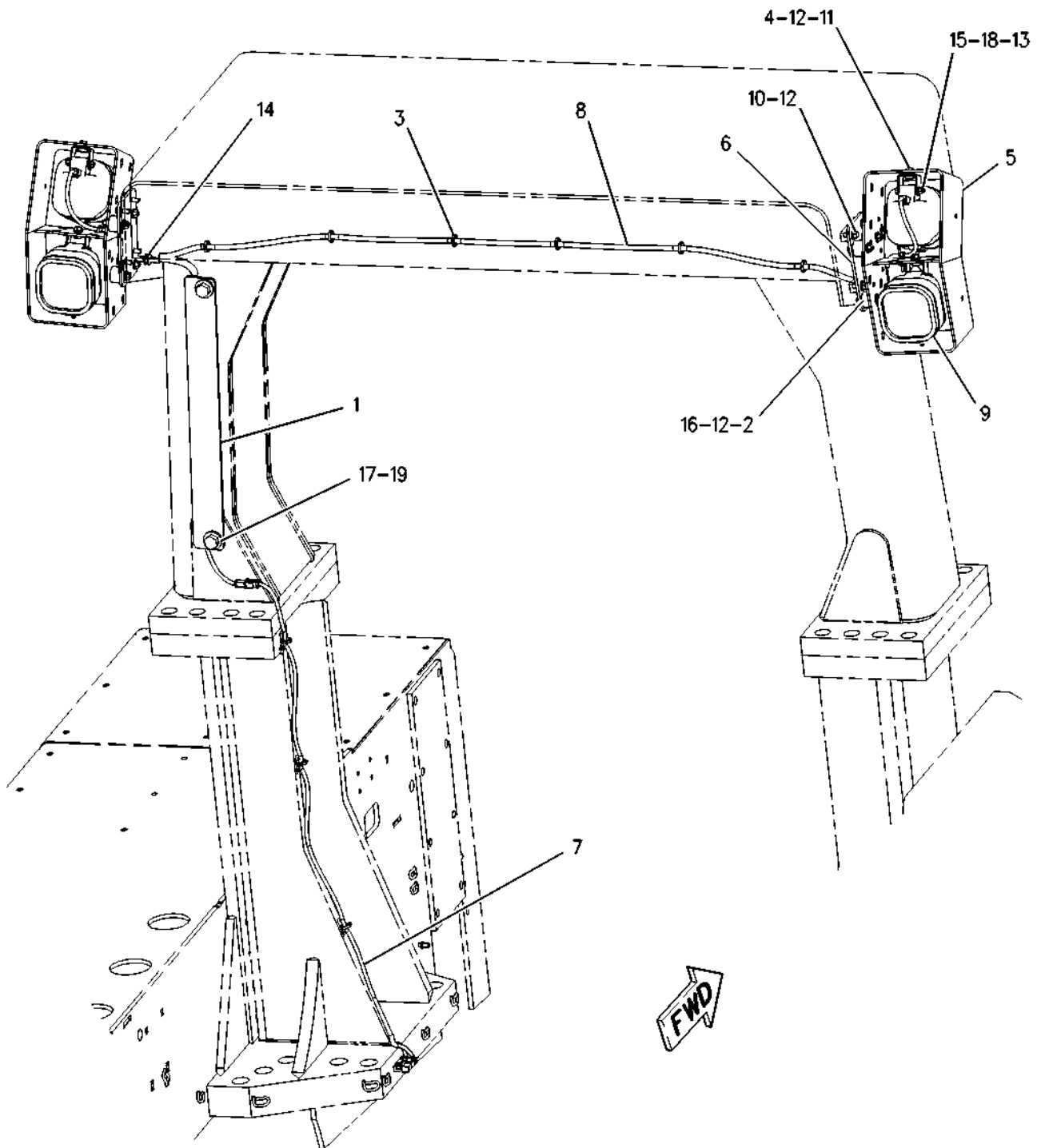
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1Q-1592	1	PLATE AS	
		1	7T-1099	4	LINK	
	2	1	9W-4361	8	MOUNT	
	3	1	9X-6772	20	STRAP-CABLE	
	4	1	111-8314	4	BRACKET AS	
	5	1	114-9363	2	GUARD AS	
					(EACH INCLUDES)	
		1	7T-1099	2	LINK	
	6	1	114-9365	2	PLATE	
	7	1	115-1888	1	HARNESS AS-LIGHTING (REAR)	
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
	8	1	153-0976	1	HARNESS AS-REAR LIGHTING	
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
		1	102-8802	3	KIT-RECEPTACLE (2-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
Y	9	1	157-0305	4	LAMP GP-FLOOD (24-VOLT) (HIGH BEAM) (SUSPENDED)	309
	10	1	4L-6454	8	BOLT (3/8-16X1-IN)	
	11	1	5M-3062	4	BOLT (3/8-16X0.75-IN)	
	12	1	5P-1075	20	WASHER-HARD (10.2X22.5X3-MM THK)	
	13	1	5P-2955	4	BOLT (5/16-18X2.50-IN)	
	14	1	5P-8522	2	GROMMET	
	15	1	6V-8189	4	NUT (5/16-18-THD)	
	16	1	6V-8801	16	NUT (3/8-16-THD)	
	17	1	7X-0582	2	WASHER-HARD (20X44.5X6-MM THK)	
M	18	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)	
	19	1	8T-9397	2	BOLT (3/4-10X1.25-IN)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

156-9938 LIGHTING AR (contd.)

i02023592



GRAPHIC #1

<END>

g00659539

ELECTRICAL AND STARTING SYSTEM

125-2001 LIGHTING GP-FLOOD-SUSPENDED

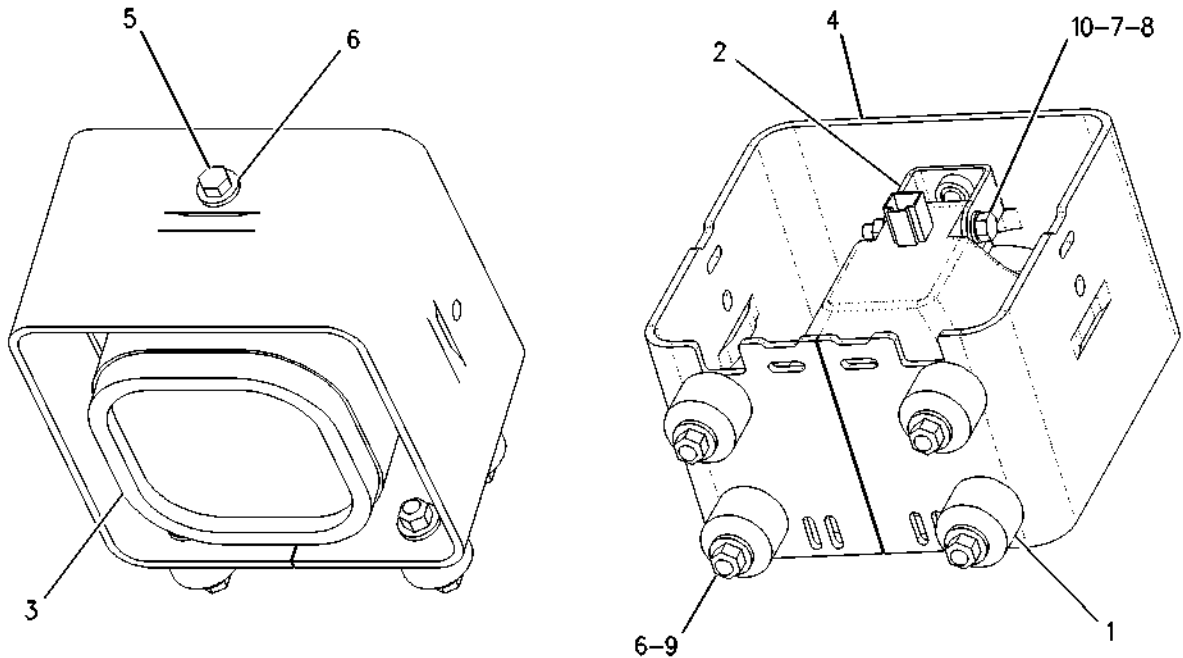
S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP; 7ZP1-UP; 8PP1-UP; 8RP1-UP; 7PZ1-UP
 PART OF 102-4395 LIGHTING GP-FRONT, 114-3107 LIGHTING GP-REAR, 131-2141 LIGHTING
 GP-RIPPER, 120-9016 LINES GP-LIFT CYLINDER
 AN ATTACHMENT

SMCS-1434

i01714235

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9W-4361	4	MOUNT						
	2	1	111-8314	1	BRACKET AS						
		1	1F-0750	1	NUT-WELD (3/8-16 THD)						
Y	3	1	147-0319	1	LAMP GP-FLOOD (24V) (SUSPENDED)						307
	4	1	167-1884	1	GUARD						
	5	1	5M-3062	1	BOLT (3/8-16X0.75 IN)						
	6	1	5P-1075	9	WASHER-HARD (10.2X22.5X3MM THK)						
	7	1	5P-2955	1	BOLT (5/16-18X2.50 IN)						
	8	1	6V-8189	1	NUT (5/16-18 THD)						
	9	1	6V-8801	8	NUT (3/8-16 THD)						
	10	1	8T-4224	2	WASHER-HARD (8.8X16X2MM THK)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00887298

ELECTRICAL AND STARTING SYSTEM

134-0978 LIGHTING GP-FLOOD-MACHINE

S/N: 7PZ1-UP

4 LAMP

PART OF 155-5552 CHASSIS AR

SMCS-1434

i01988558

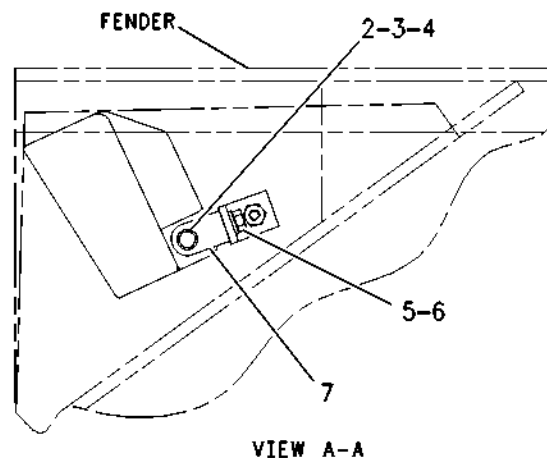
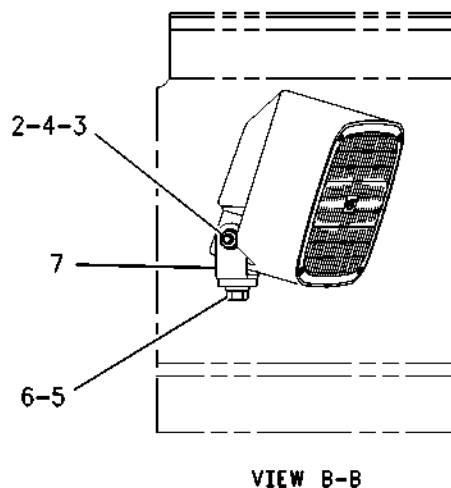
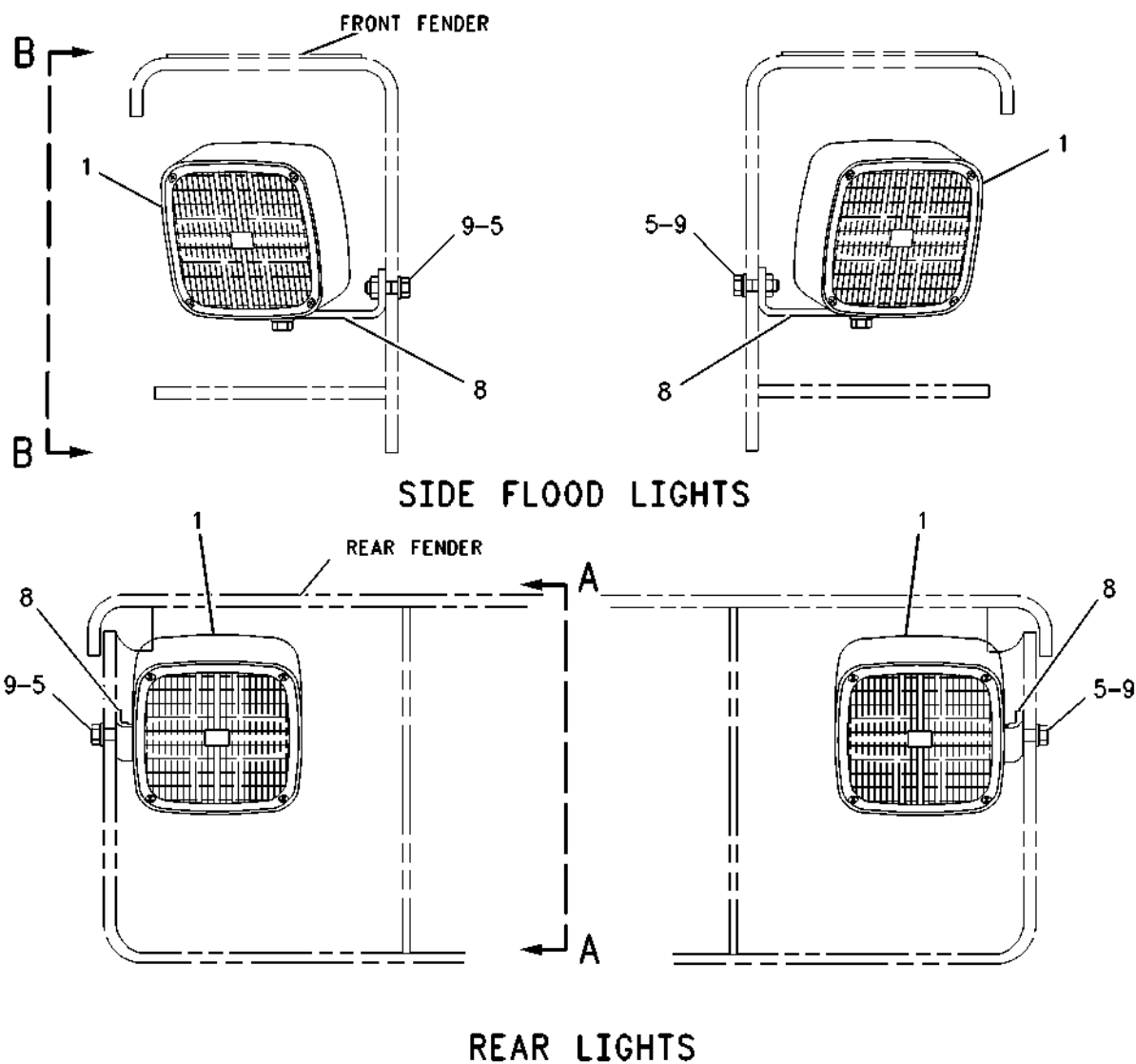
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CY	1	1	153-2073	4	LAMP GP-FLOOD (24 VOLT)	308
	2	1	8T-4224	8	WASHER-HARD (8.8X16X2MM THK)	
	3	1	5P-2955	4	BOLT (5/16-18X2.50 IN)	
	4	1	6V-8189	4	NUT (5/16-18 THD)	
	5	1	5P-1075	8	WASHER-HARD (10.2X22.5X3MM THK)	
	6	1	5M-3062	4	BOLT (3/8-16X0.75 IN)	
	7	1	111-8314	4	BRACKET AS	
	8	1	8E-3241	4	BRACKET AS	
					(EACH BRACKET AS INCLUDES)	
		1	1F-0750	1	NUT-WELD (3/8-16THD)	
	9	1	8T-2502	4	BOLT (3/8-16X1.125 IN)	

C- CHANGE FROM PREVIOUS TYPE
Y- SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

134-0978 LIGHTING GP-FLOOD (contd.)

i01988558



GRAPHIC #1

<END>

g00451083

ELECTRICAL AND STARTING SYSTEM

192-5391 LIGHTING GP-FLOOD-HIGH INTENSITY DISCHARGE

S/N: 7PZ1-UP

FOR USE WITH 120-9016-PAGE 749. CANNOT BE USED WITH 102-4395-PAGE 322,
153-8916-PAGE 312, 114-3107-PAGE 323, 156-9938-PAGE 313
AN ATTACHMENT

SMCS-1434

i01988554

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1Q-1592	1	PLATE AS	
	2	1,2,3	7K-1181	31	STRAP-CABLE	
	3	1,2,3	9W-4361	20	MOUNT	
	4	1	115-1888	1	HARNESS AS (RIPPER)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
	5	1,2,3	143-2466	5	GUARD-LIGHT	
Y	6	1,2,3	180-9846	4	LAMP GP-FLOOD (24 VOLT. SUSPENDED MOUNT)	310
Y	7	2	180-9847	1	LAMP GP-FLOOD (24-VOLT/70-WATT)	311
	8	3	217-0242	2	BRACKET AS	
		3	7T-1099	2	LINK	
	9	3	229-8284	2	BRACKET	
	10	1	229-8285	1	HARNESS AS (ROPS)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
	11	2	229-8779	1	BRACKET	
	12	2	231-1946	1	BRACKET	
	13	2	231-1947	1	BRACKET	
	14	1	233-6020	2	BRACKET AS	
		1	1F-0750	4	NUT-WELD (3/8-16THD)	
	15	2	242-9228	2	BRACKET	
	16	1,2	4L-6454	16	BOLT (3/8-16X1 IN)	
	17	1	5D-7635	2	GROMMET	
	18	1,2,3	5P-1075	88	WASHER-HARD (10.2X22.5X3MM THK)	
	19	1,2,3	5P-1076	13	WASHER-HARD (13.5X30X4MM THK)	
	20	3	5P-8522	2	GROMMET	
	21	2	5S-7382	4	BOLT (3/8-16X1.375 IN)	
	22	1,2,3	6V-8801	56	NUT (3/8-16 THD)	
	23	1	7X-0582	2	WASHER-HARD (20X44.5X6MM THK)	
	24	3	8C-4436	8	BOLT (1/2-13X1.375 IN)	
M	25	1,2,3	8T-4139	5	BOLT (M12X1.75X30MM)	
	26	1	8T-9397	2	BOLT (3/4-10X1.25 IN)	
	27	2,3	9B-7237	12	BOLT (3/8-16X1.25 IN)	

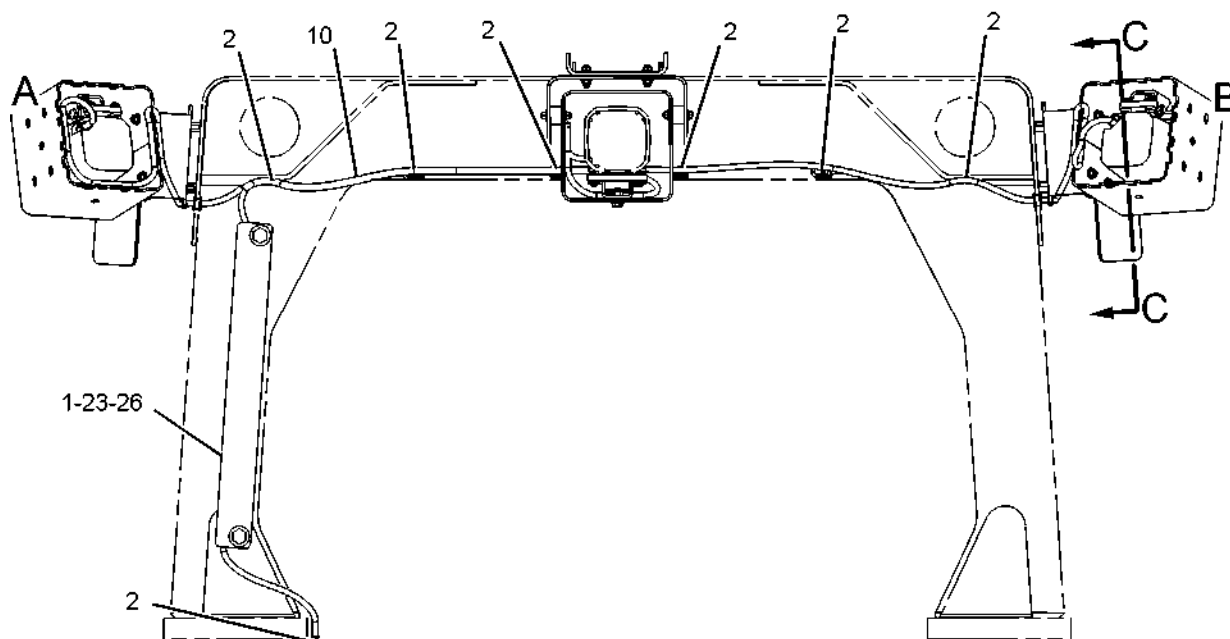
M-METRIC PART

Y-SEPARATE ILLUSTRATION

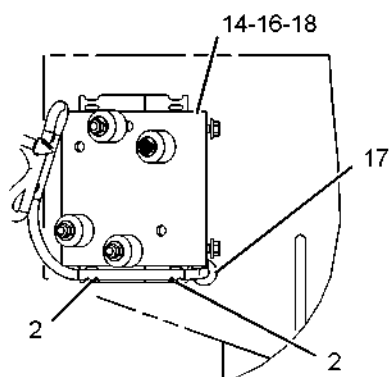
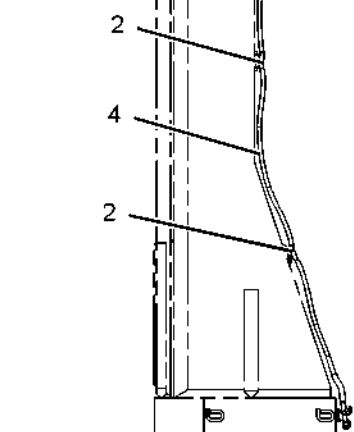
ELECTRICAL AND STARTING SYSTEM

192-5391 LIGHTING GP-FLOOD (contd.)

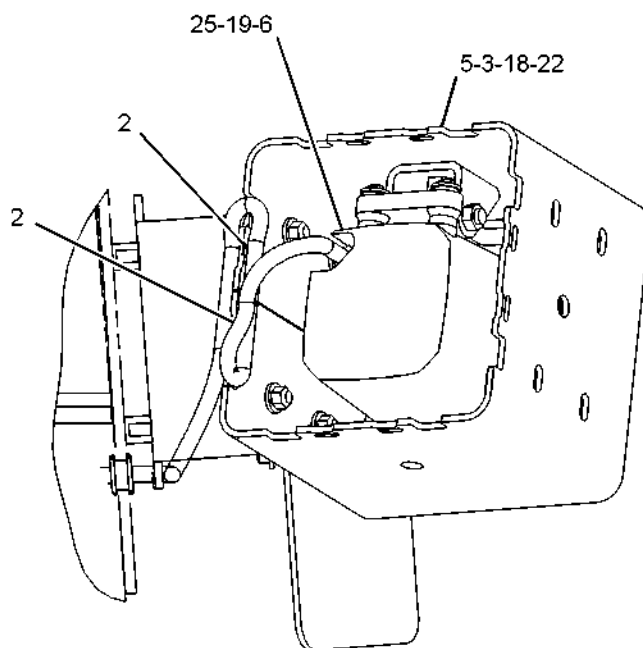
i01988554



REAR VIEW



VIEW OF AREA B



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1

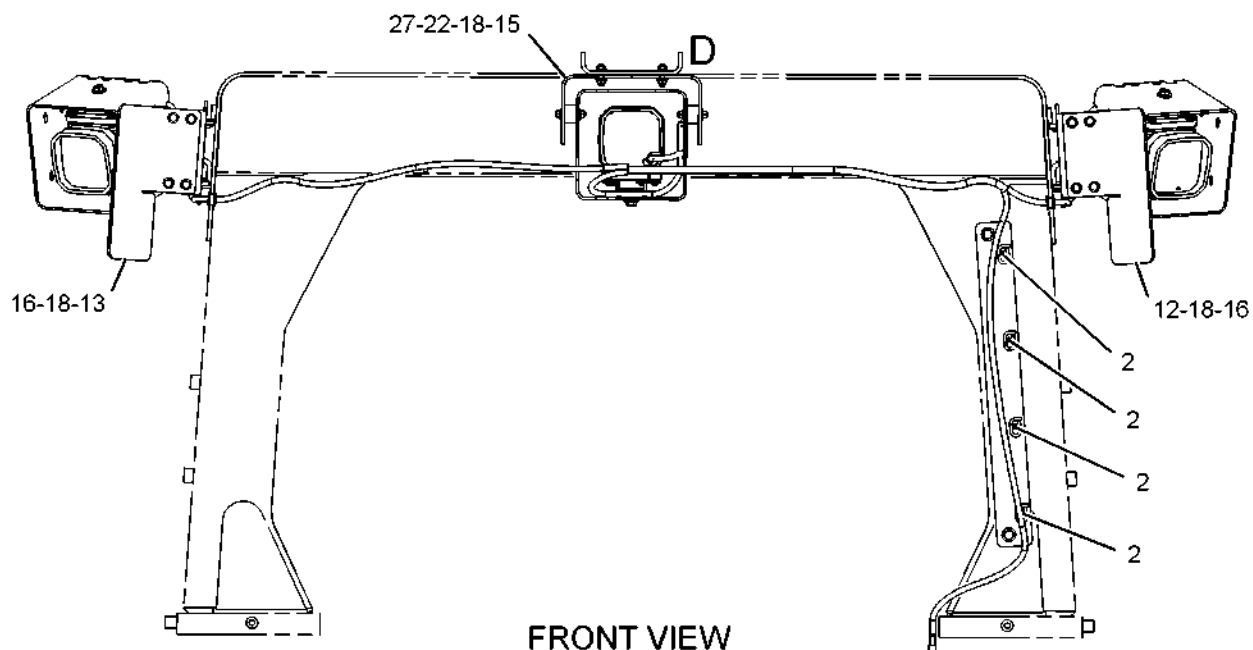
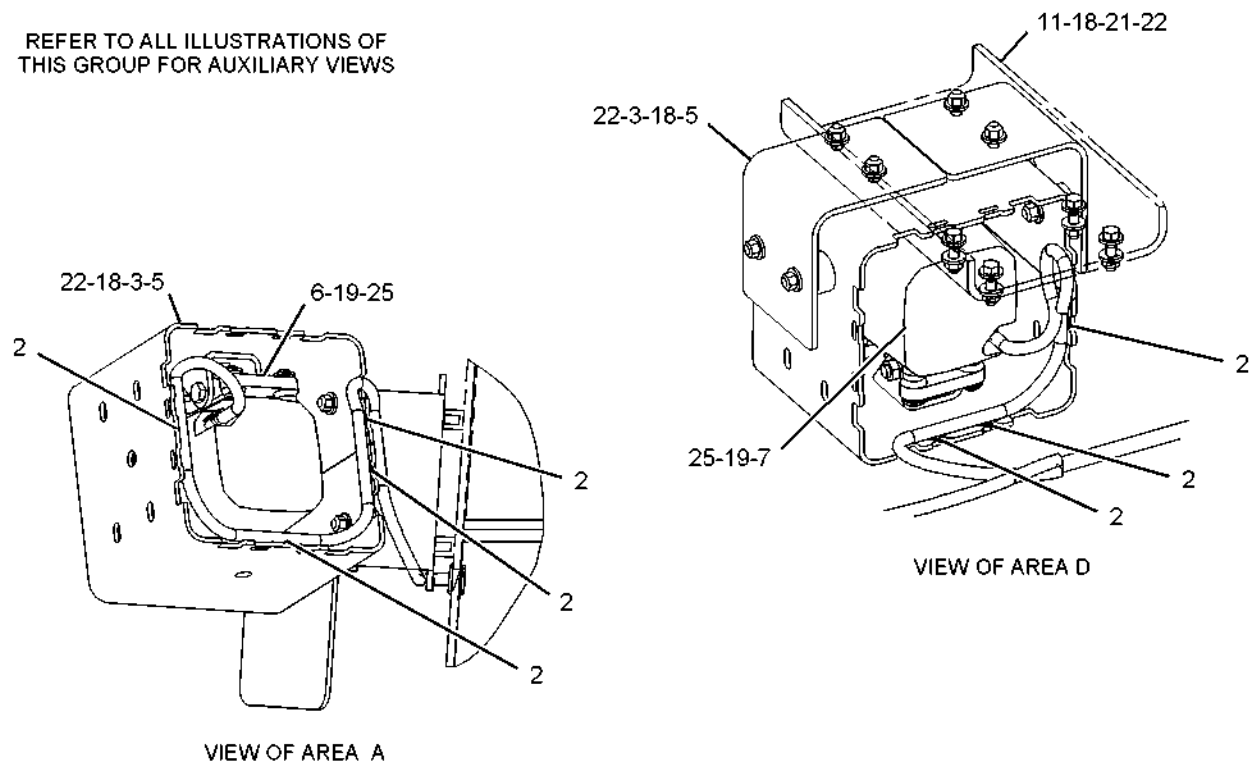
g01026192

ELECTRICAL AND STARTING SYSTEM

192-5391 LIGHTING GP-FLOOD (contd.)

i01988554

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



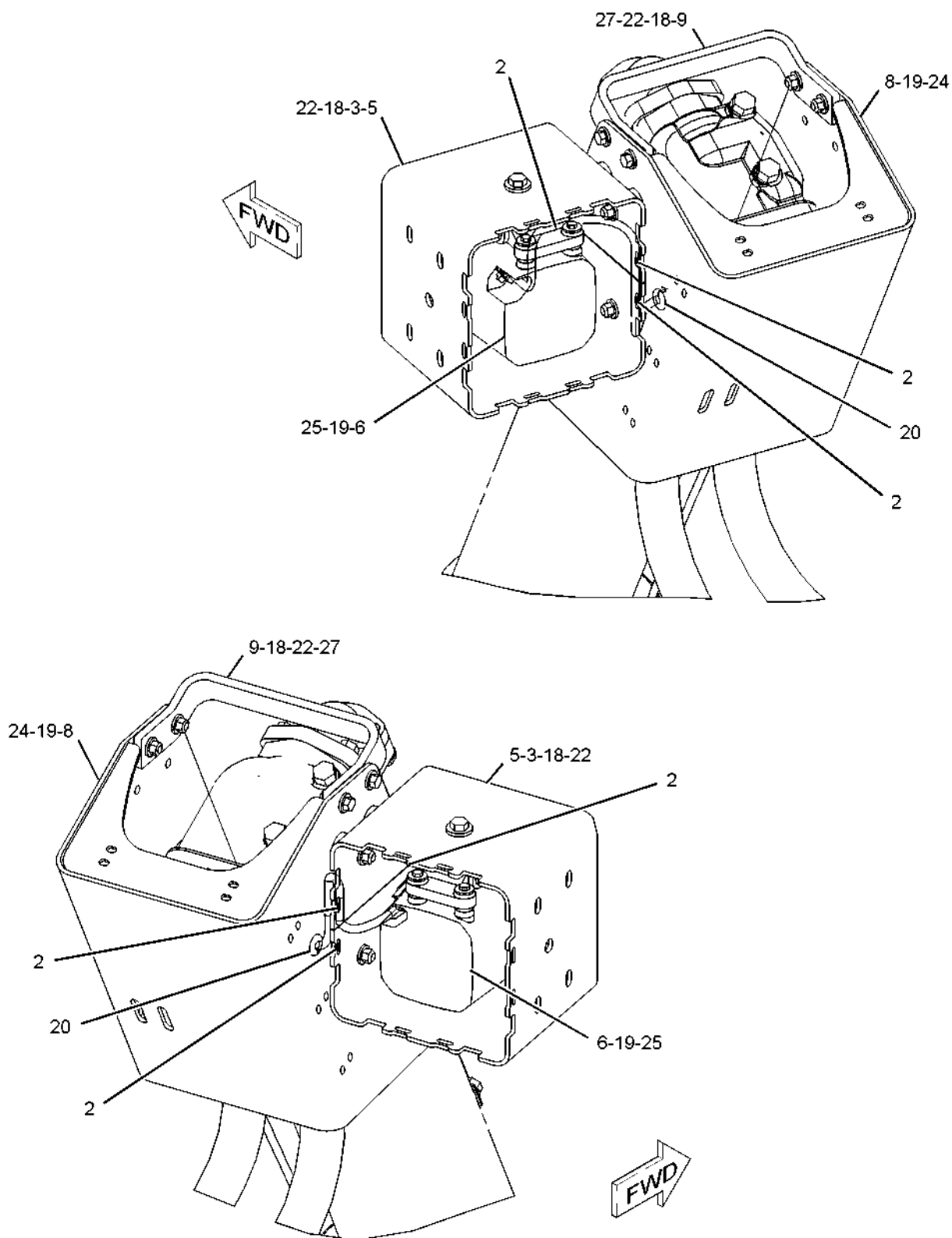
GRAPHIC #2

g01026204

ELECTRICAL AND STARTING SYSTEM

192-5391 LIGHTING GP - FLOOD (contd.)

i01988554



g01026208

ELECTRICAL AND STARTING SYSTEM

102-4395 LIGHTING GP-FRONT

S/N: 7PZ1-UP

2 LAMP

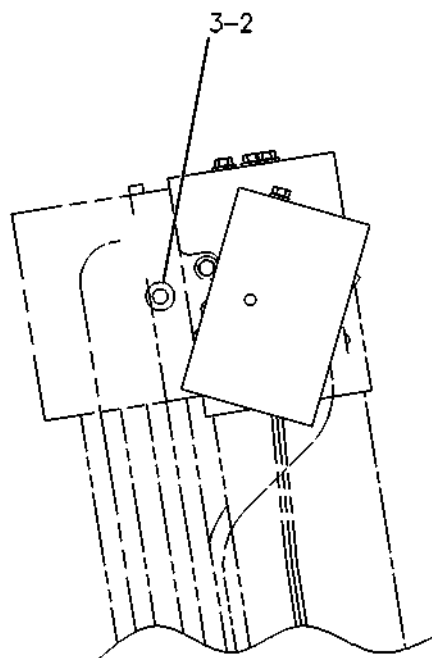
CANNOT BE USED WITH 153-8916-PAGE 312
AN ATTACHMENT

SMCS-1429

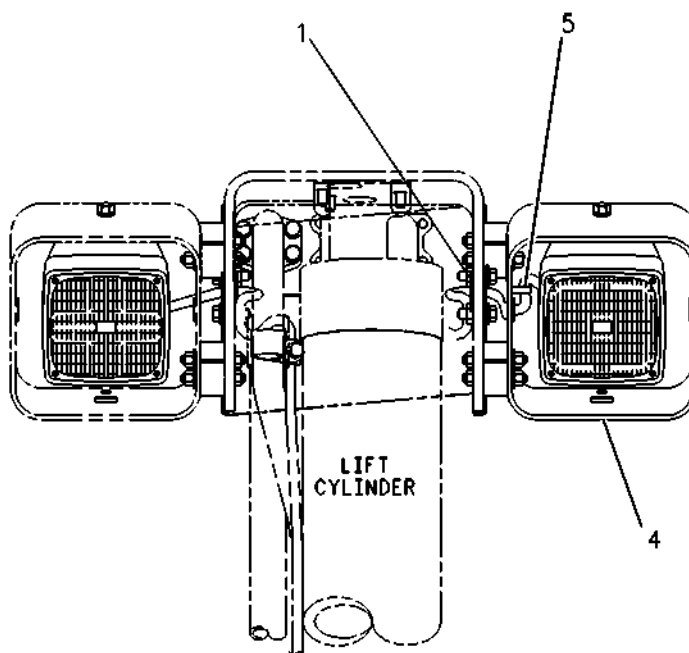
i00899020

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-8522	2	GROMMET (FOR USE ON D10R, D11R, & D11R CARRY DOZER)						
	2	1	9D-3768	2	GROMMET (14.29MM ID) (FOR USE ON D9R)						
	3	1	5P-8522	2	GROMMET (9.5MM ID) (FOR USE ON D8R)						
YC	4	1	125-2001	2	LIGHTING GP-FLOOD						315
	5	1	9X-6772	2	STRAP-CABLE						

C- CHANGE FROM PREVIOUS TYPE
Y- SEPARATE ILLUSTRATION



RIGHT SIDE VIEW



FRONT VIEW

GRAPHIC #1

<END>

g00453511

ELECTRICAL AND STARTING SYSTEM

114-3107 LIGHTING GP-REAR

S/N: 7PZ1-UP

2 LAMP

CANNOT BE USED WITH 156-9938—PAGE 313
AN ATTACHMENT

SMCS-1429

i01866218

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	7K-1181	21	STRAP-CABLE						315
	2	1	5D-7635	2	GROMMET						
	3	1	1Q-1592	1	PLATE AS						
		1	7T-1099	4	LINK						
	4	1	114-9365	2	PLATE						
	5	1	8T-9397	2	BOLT (3/4-10X1.25 IN)						
	6	1	7X-0582	2	WASHER-HARD (20X44.5X6MM THK)						
	7	1	115-1888	1	HARNESS AS (RIPPER)						
		1	155-2270	2	KIT-CONNECTING PLUG (2 PIN)						
					(INCLUDES PLUG AS & WEDGE)						
		1	102-8802	2	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	8T-8737	2	PLUG-SEAL						
	Y	8	1	125-2001	2	LIGHTING GP-FLOOD					
9		1	4L-6454	8	BOLT (3/8-16X1 IN)						
10		1	5P-1075	8	WASHER-HARD (10.2X22.5X3MM THK)						
11		1	153-0976	1	HARNESS AS (FRONT)						
		1	155-2270	4	KIT-CONNECTING PLUG (2 PIN)						
					(INCLUDES PLUG AS & WEDGE)						
		1	102-8802	3	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	9G-3695	4	PLUG (GROMMET SEALING)						
12		1	4P-7428	1	CLIP						
13		1	8T-9384	1	BOLT (1/2-13X0.875 IN)						
14		1	8T-4223	1	WASHER-HARD (13.5X25.5X3MM THK)						

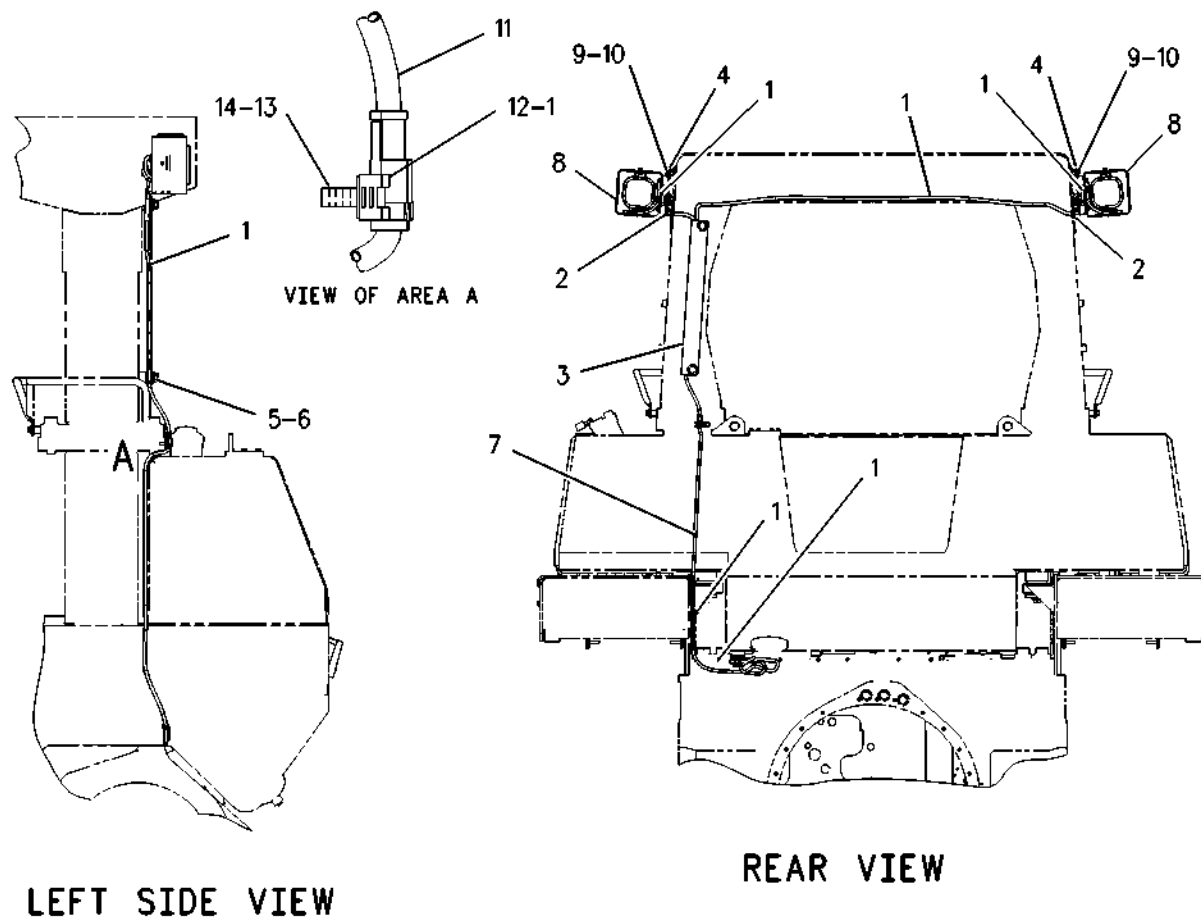
B-USE AS REQUIRED

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

114-3107 LIGHTING GP-REAR (contd.)

i01866218



GRAPHIC #1

<END>

g00838106

ELECTRICAL AND STARTING SYSTEM

131-2141 LIGHTING GP-RIPPER

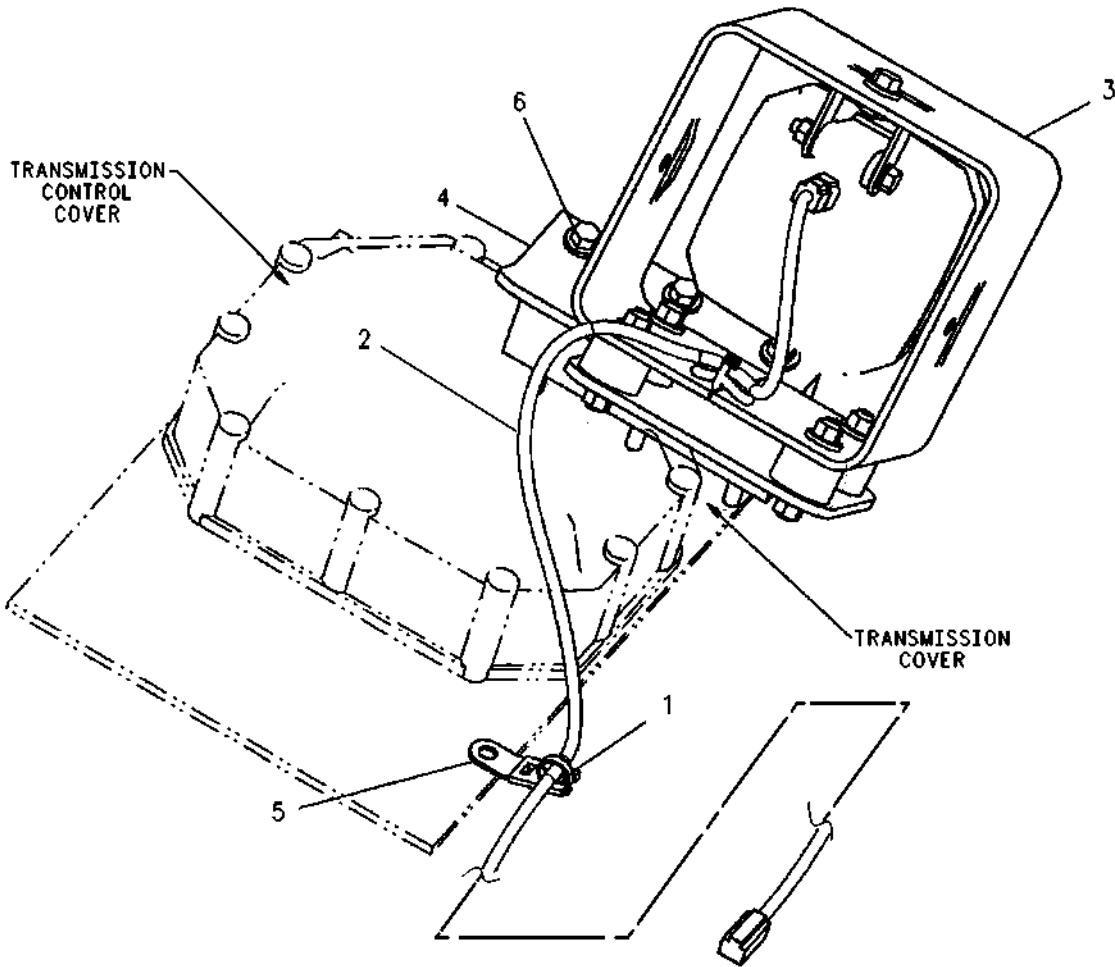
S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP; 7ZP1-UP

PART OF 127-1031, 130-6458, 130-6462, 161-2420 RIPPER AR
AN ATTACHMENT

SMCS-1429

i01834371

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9X-6772	2	STRAP-CABLE	
	2	1	125-2000	1	HARNESS AS (RIPPER LIGHTING)	
Y	3	1	125-2001	1	LIGHTING GP-FLOOD	315
	4	1	133-7114	1	BRACKET AS-LIGHT	
	5	1	4P-7581	1	CLIP	
	6	1	5P-1075	3	WASHER-HARD (10.2X22.5X3MM THK)	
		1	7X-0293	3	BOLT (3/8-16X4.75 IN)	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g00294343

ELECTRICAL AND STARTING SYSTEM

127-4496 SENSOR & MTG GP-PRESSURE-TURBO INLET

S/N: 2GR4479-UP; 7PZ289-703

PART OF 155-5556 ENGINE AR, 155-5557 INSTALLATION AR-ENGINE

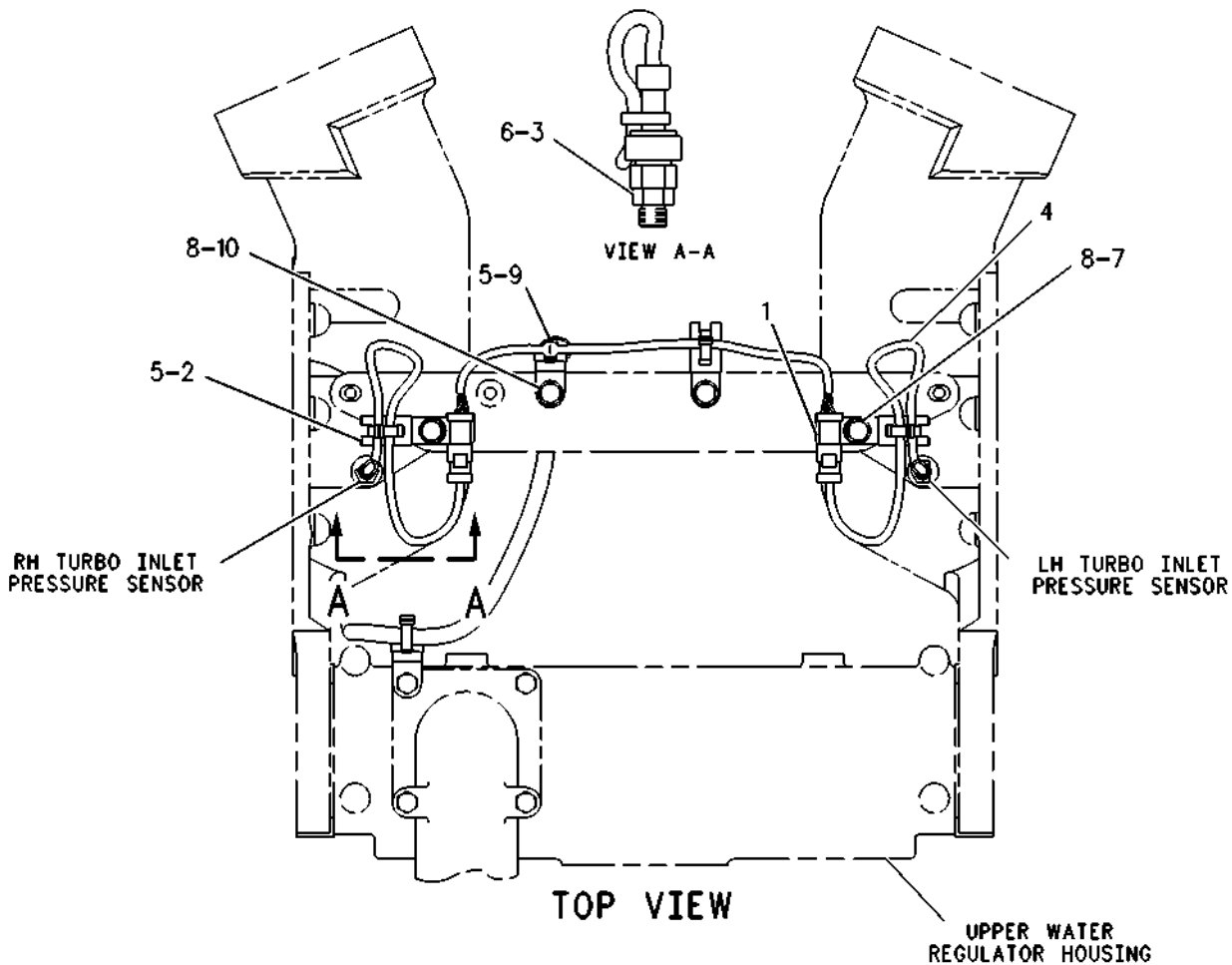
SMCS-1408

i01988552

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	116-0118	2	CLIP						
	2	1	4P-7581	3	CLIP						
	3	1	9X-0262	2	ADAPTER						
CY	4	1	161-9926	2	SENSOR GP-PRESSURE						339
	5	1	9X-6772	6	STRAP-CABLE						
	6	1	6V-5048	4	SEAL-O-RING						
	7	1	8T-2502	2	BOLT (3/8-16X1.125 IN)						
	8	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5MM THK)						
	9	1	4P-8134	1	CLIP						
	10	1	5M-3062	2	BOLT (3/8-16X0.75 IN)						

C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00287333

ELECTRICAL AND STARTING SYSTEM

169-2887 SENSOR & MTG GP-PRESSURE-TURBO INLET

S/N: 7PZ1-288

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1408

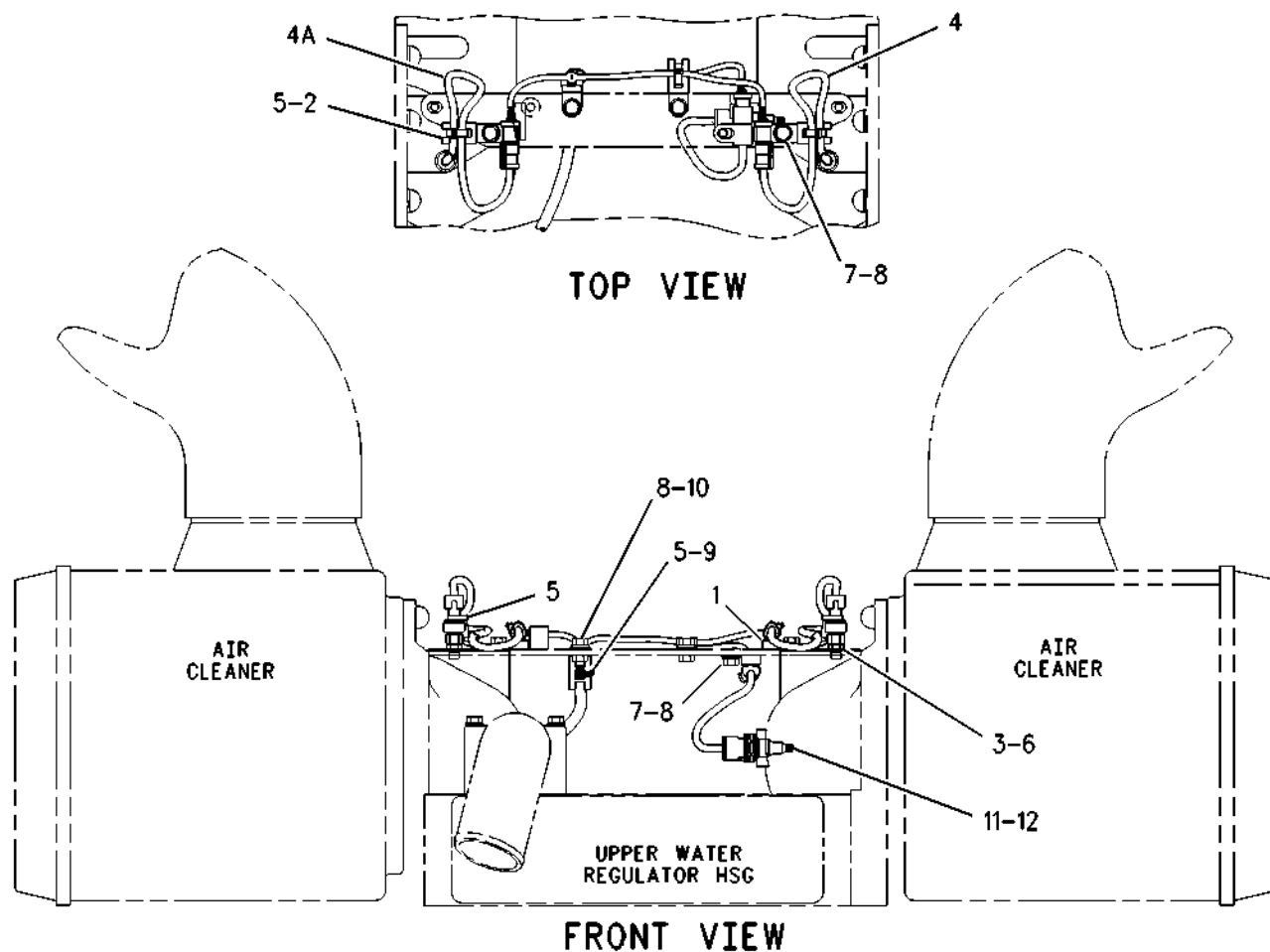
i02001262

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	116-0118	3	CLIP	
	2	1	4P-7581	3	CLIP	
	3	1	9X-0262	2	ADAPTER	
Y	4	1	161-9926	1	SENSOR GP-PRESSURE (LH TURBO INLET)	339
Y	4A	1	161-9926	1	SENSOR GP-PRESSURE (RH TURBO INLET)	339
	5	1	9X-6772	6	STRAP-CABLE	
	6	1	6V-5048	4	SEAL-O-RING	
	7	1	8T-2502	3	BOLT (3/8-16X1.125 IN)	
	8	1	8T-4896	5	WASHER-HARD (10.2X18.5X2.5MM THK)	
	9	1	4P-8134	1	CLIP	
	10	1	5M-3062	2	BOLT (3/8-16X0.75 IN)	
	11	1	107-8618	1	SENSOR GP-TEMPERATURE (INLET AIR)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	8T-8729	3	PIN-CONNECTOR	
E		1	112-4550		SLEEVE (31CM)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
	12	1	8L-2786	1	SEAL-O-RING	
E-ORDER BY THE CENTIMETER						
Y-SEPARATE ILLUSTRATION						

ELECTRICAL AND STARTING SYSTEM

169-2887 SENSOR & MTG GP - PRESSURE (contd.)

i02001262



GRAPHIC #1

<END>

g00590132

ELECTRICAL AND STARTING SYSTEM

124-9325 SENSOR GP-FUEL LEVEL-ULTRASONIC

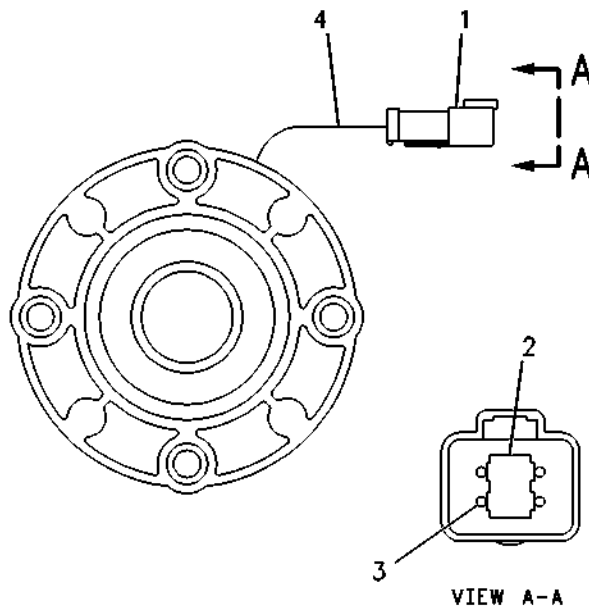
S/N: 7PZ1-UP

PART OF 156-9936 BATTERY & WIRING GP

SMCS-1273

i01988607

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)	
	3	1	8T-8729	4	PIN-CONNECTOR	
E	4	1	9X-1813		SLEEVE (34CM)	
E-ORDER BY THE CENTIMETER						



GRAPHIC #1

<END>

g00085712

ELECTRICAL AND STARTING SYSTEM

147-1680 SENSOR GP-POSITION-RH, LH STEERING LEVER

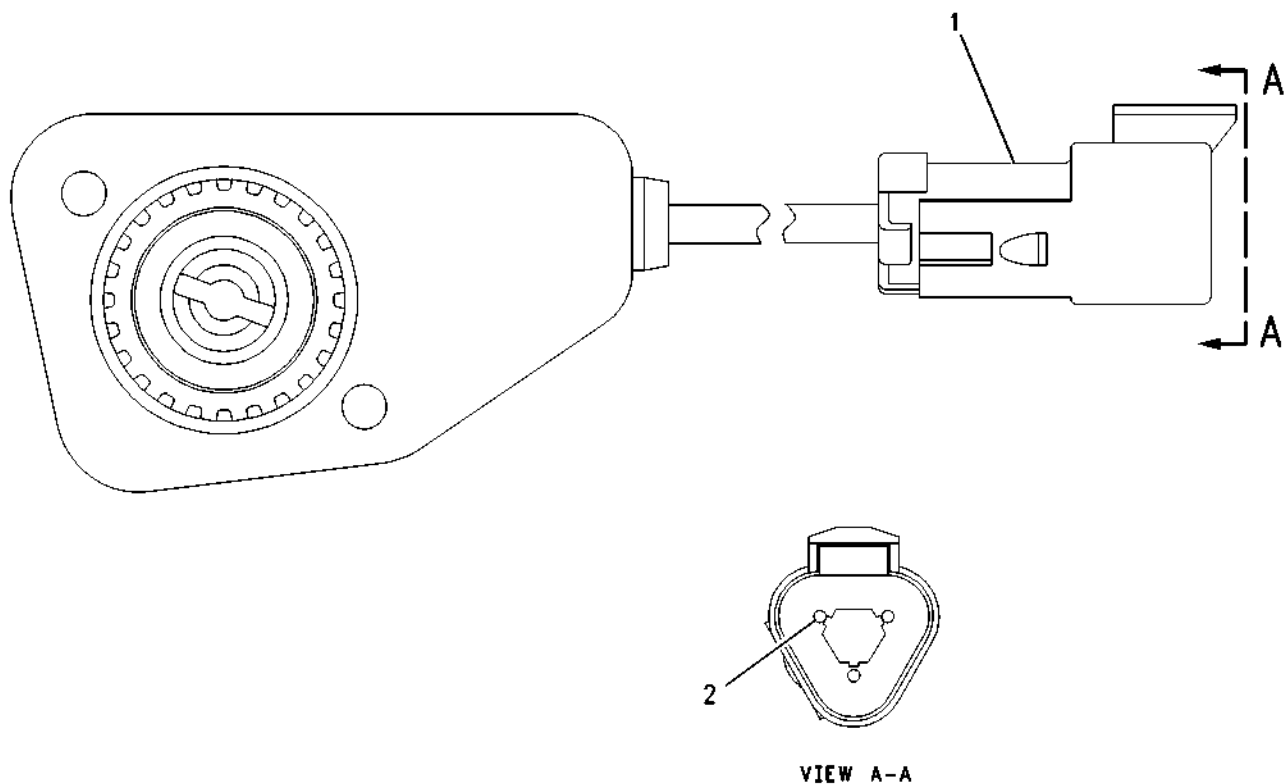
S/N: 7PZ1-UP

PART OF 115-7411 CONTROL GP-BRAKE, 122-1512 CONTROL GP-STEERING & TMSN

SMCS-1408

i01988608

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	2	1	8T-8729	3	PIN-CONNECTOR						



GRAPHIC #1

<END>

g00711081

ELECTRICAL AND STARTING SYSTEM

160-2443 SENSOR GP-POSITION-DECELERATOR PEDAL

S/N: 7PZ1-UP

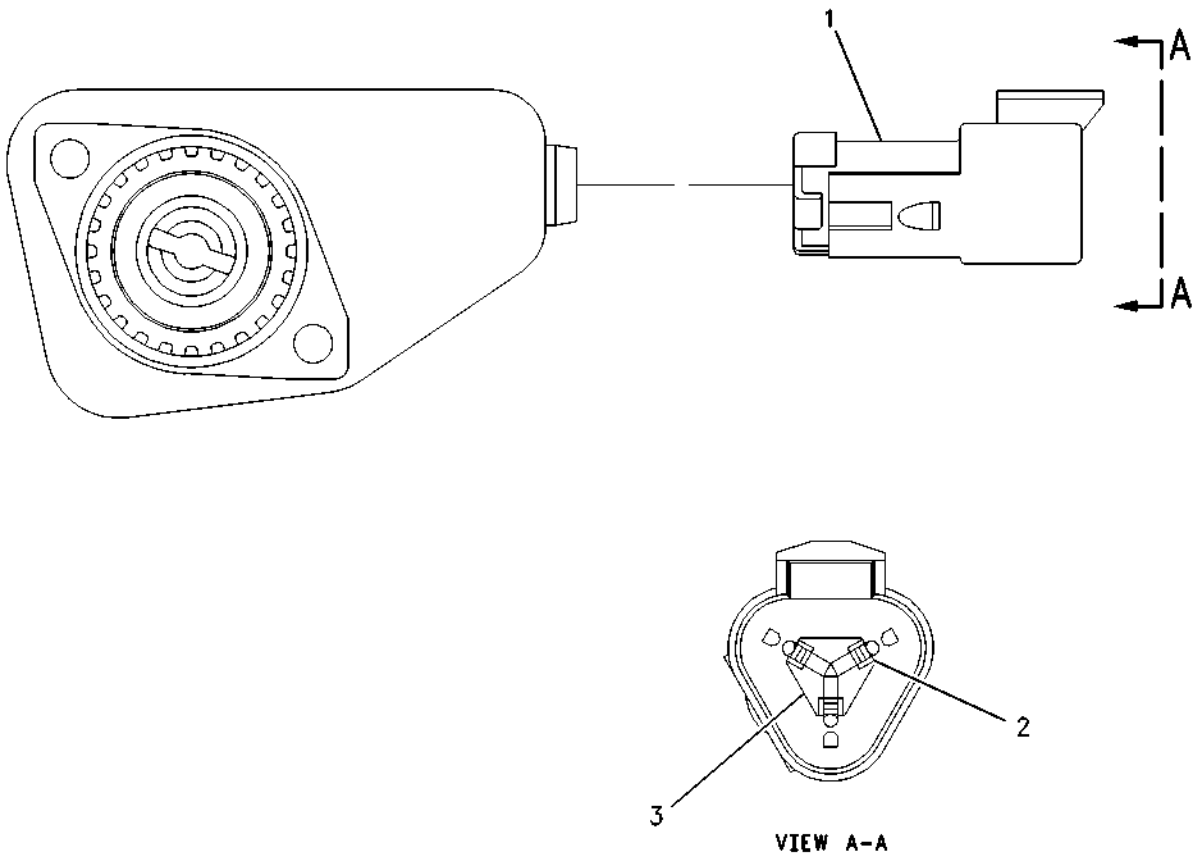
ROTARY

PART OF 172-7938 CONTROL GP-DECELERATOR

SMCS-1408

i01988609

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(KIT INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	8T-8729	3	PIN-CONNECTOR						
	3	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						



GRAPHIC #1

<END>

g00637818

ELECTRICAL AND STARTING SYSTEM

161-8979 SENSOR GP-POSITION-STEERING, TMSN CONTROL HANDLE

S/N: 7PZ1-UP

SPRINGLESS

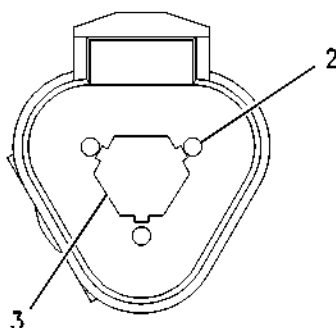
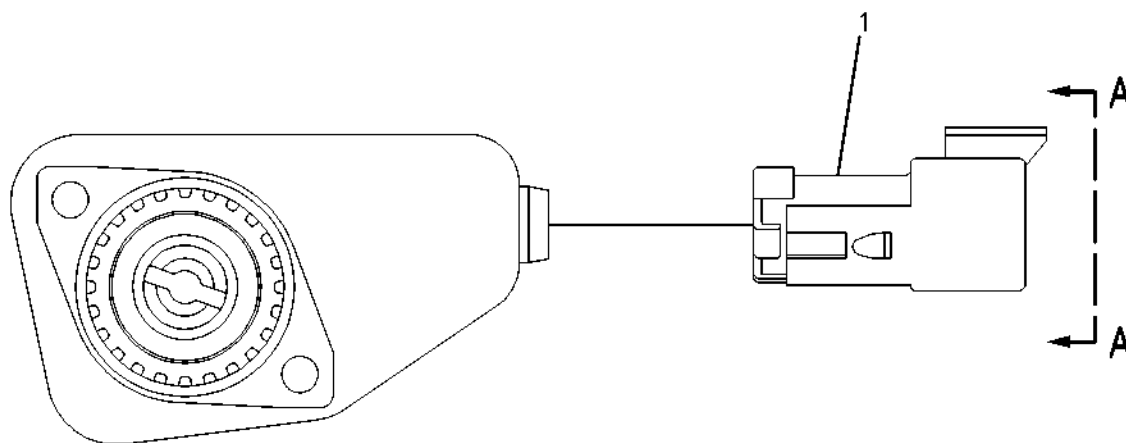
PART OF 122-1512 CONTROL GP-STEERING & TMSN

FIELD REPLACEMENT ORDER 214-4862-PAGE 334

SMCS-1408

i01988615

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	8T-8729	3	PIN-CONNECTOR						
	3	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						



VIEW A-A

GRAPHIC #1

<END>

g00550816

ELECTRICAL AND STARTING SYSTEM

196-9565 SENSOR GP-POSITION-BLADE TILT

S/N: 7PZ564-685

PART OF 177-4980, 185-8734 CONTROL GP-JOYSTICK

FIELD REPLACEMENT ORDER 230-6266-PAGE 336

ALSO AN ATTACHMENT

SMCS-1408

i01981602

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
			(NO SERVICED PARTS)						
			<END>						

196-9566 SENSOR GP-POSITION-BLADE LIFT

S/N: 7PZ564-685

PART OF 177-4980, 185-8734 CONTROL GP-JOYSTICK

FIELD REPLACEMENT ORDER 230-6267-PAGE 337

ALSO AN ATTACHMENT

SMCS-1408

i01981603

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
			(NO SERVICED PARTS)						
			<END>						

ELECTRICAL AND STARTING SYSTEM

214-4862 SENSOR GP-POSITION-STEERING, TMSN CONTROL HANDLE

S/N: 7PZ1-UP

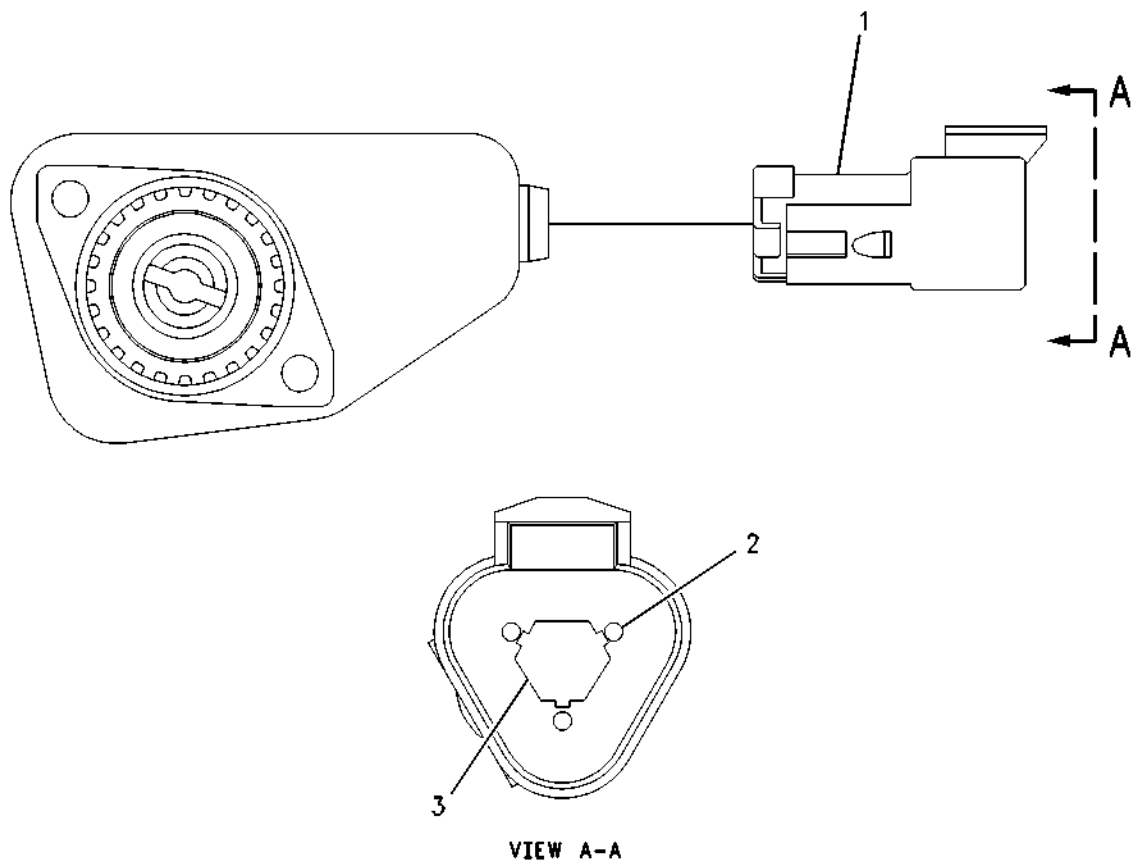
PART OF 122-1512 CONTROL GP-STEERING & TMSN

FIELD REPLACEMENT FOR 161-8979-PAGE 332

SMCS-1408

i01988610

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	186-3735	3	PIN-CONNECTOR						
	3	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						



GRAPHIC #1

<END>

g00893828

ELECTRICAL AND STARTING SYSTEM

214-4863 SENSOR GP-POSITION-BRAKE-STEERING

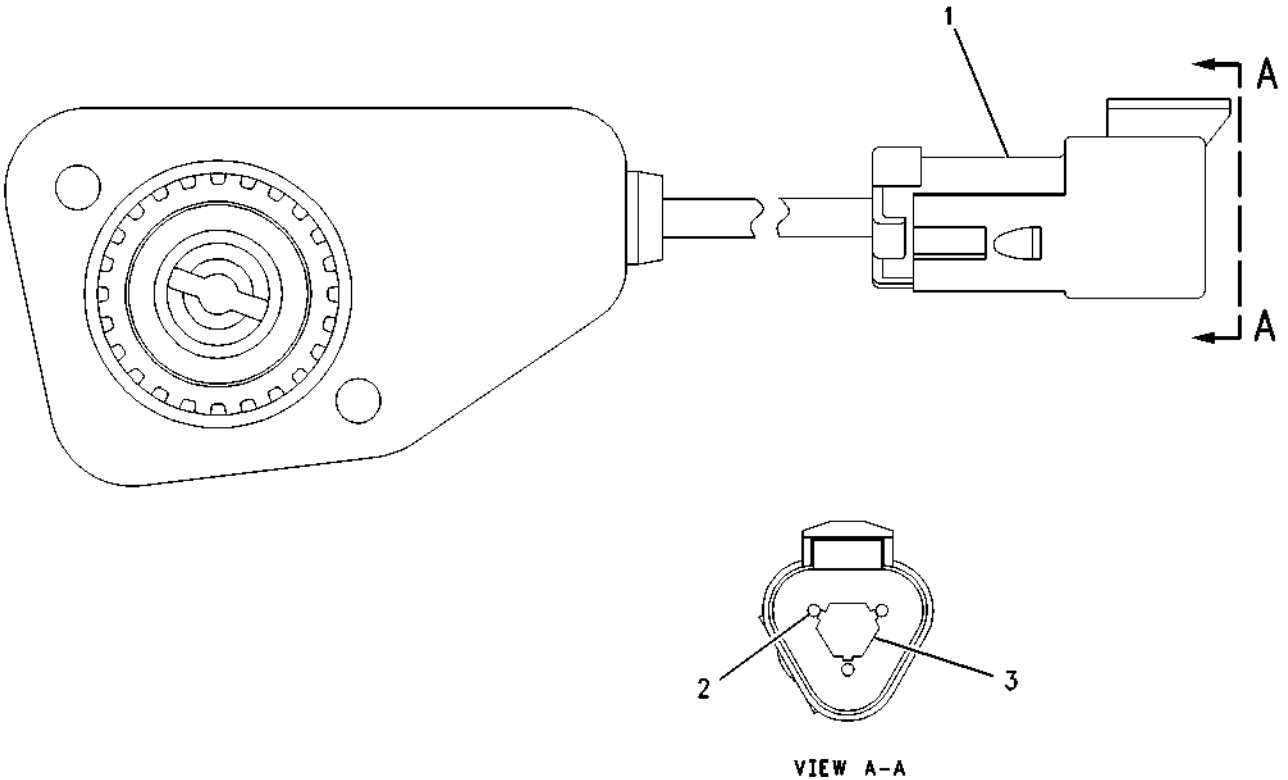
S/N: 7PZ1-UP

PART OF 115-7411 CONTROL GP-BRAKE, 122-1512 CONTROL GP-STEERING & TMSN

SMCS-1408

i01988611

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	186-3735	1	PIN-CONNECTOR						
	3	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						



GRAPHIC #1

<END>

g00925281

ELECTRICAL AND STARTING SYSTEM

230-6266 SENSOR GP-POSITION-BLADE TILT

S/N: 7PZ686-UP

PART OF 232-3780 CONTROL & MOUNTING GP, 232-3779 CONTROL GP-JOYSTICK

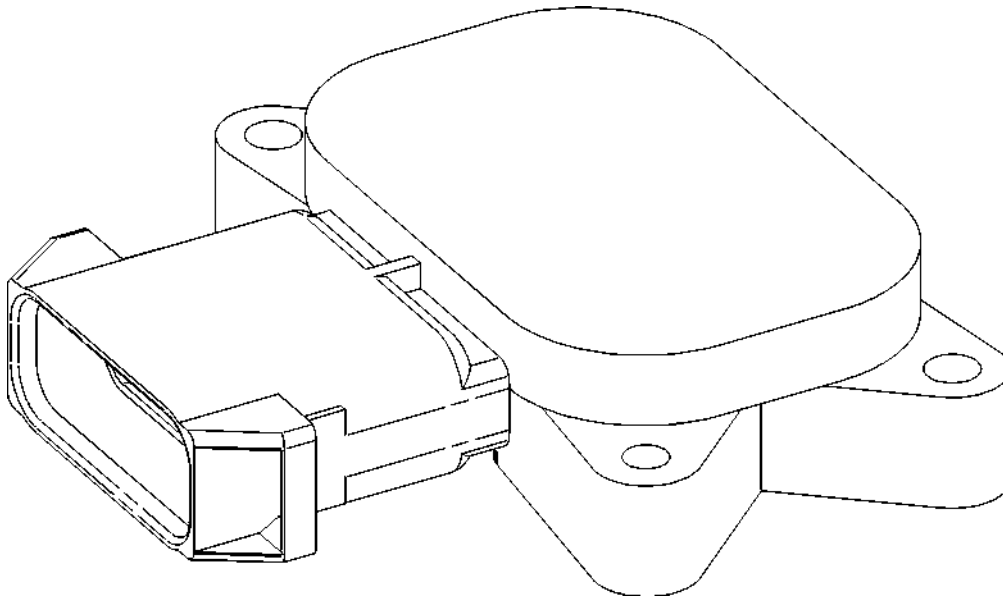
FIELD REPLACEMENT FOR 196-9565-PAGE 333

ALSO AN ATTACHMENT

SMCS-1408

i01953390

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
NO SERVICED PARTS											



GRAPHIC #1

<END>

g01023717

ELECTRICAL AND STARTING SYSTEM

230-6267 SENSOR GP-POSITION-BLADE LIFT

S/N: 7PZ686-UP

PART OF 232-3780 CONTROL & MOUNTING GP, 232-3779 CONTROL GP-JOYSTICK

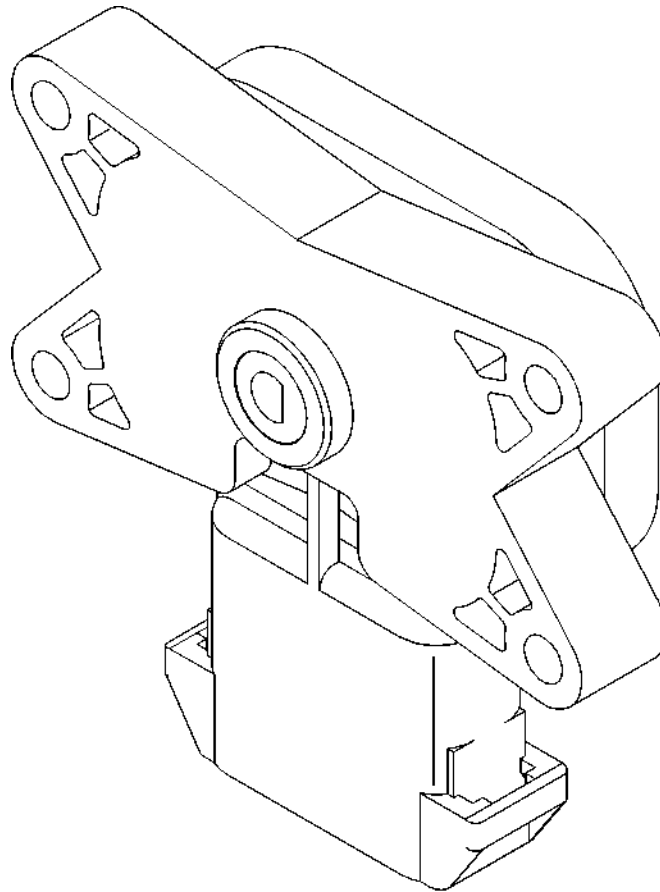
FIELD REPLACEMENT FOR 196-9566-PAGE 333

ALSO AN ATTACHMENT

SMCS-1408

i01952667

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
(NO SERVICED PARTS)											



GRAPHIC #1

<END>

g01021931

ELECTRICAL AND STARTING SYSTEM

155-3549 SENSOR GP-PRESSURE—MAIN PUMP, MAIN TILT

S/N: 7PZ1-731

PART OF 156-9936 BATTERY & WIRING GP

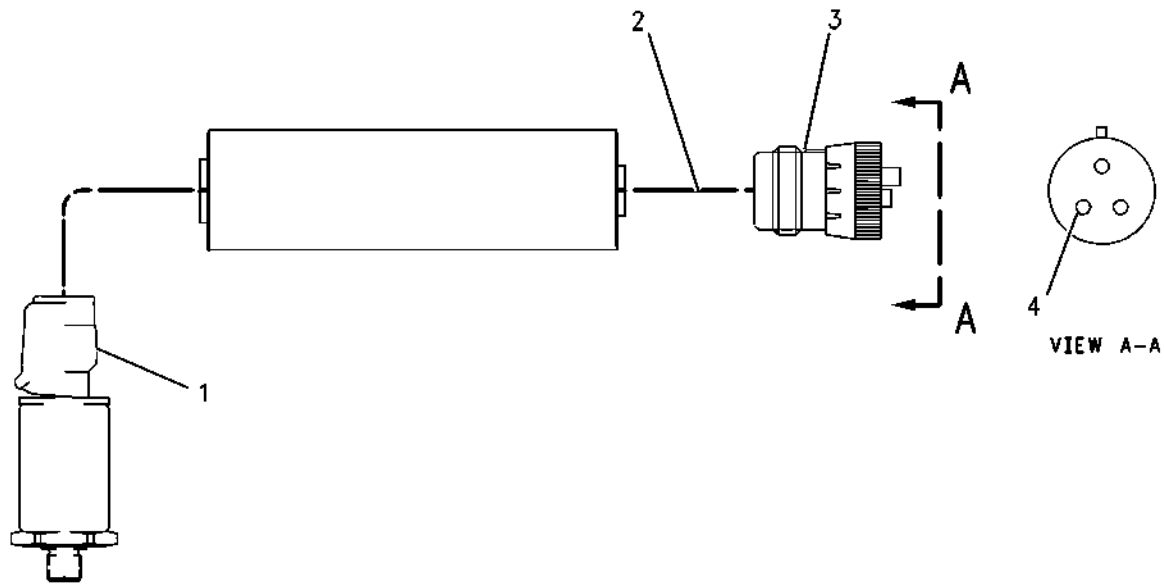
SMCS-1408

i00898282

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	8T-2225		TUBE						
BE	2	1	9X-1813		SLEEVE						
	3	1	8T-8731	1	PLUG-CONNECTOR						
	4	1	8T-8730	3	SOCKET-CONNECTOR						

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00374193

ELECTRICAL AND STARTING SYSTEM

161-9926 SENSOR GP - PRESSURE-ATM-CRANKCASE-TURBO INLET-TURBO OUTLET

S/N: 2GR1180-UP; 7PZ1-703

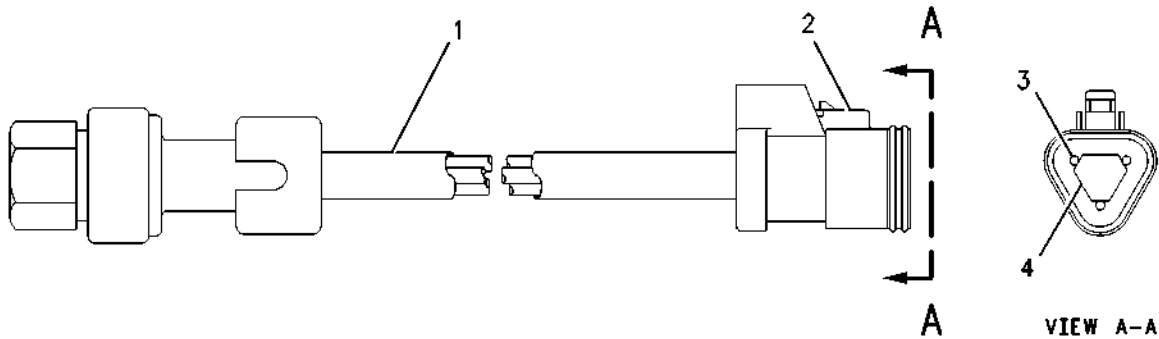
PART OF 127-4496, 169-2887 SENSOR & MTG GP - PRESSURE, 156-9816 WIRING GP - ENGINE

SMCS-1408

i02000749

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	9X-1813		SLEEVE (34CM)						
	2	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS. AND WEDGE)						
	3	1	180-9340	3	SOCKET-CONNECTOR						
	4	1	3E-3368	1	WEDGE-PLUG LOCK						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00513129

ELECTRICAL AND STARTING SYSTEM

161-9929 SENSOR GP-PRESSURE-TURBO OUTLET

S/N: 2GR1180-3296

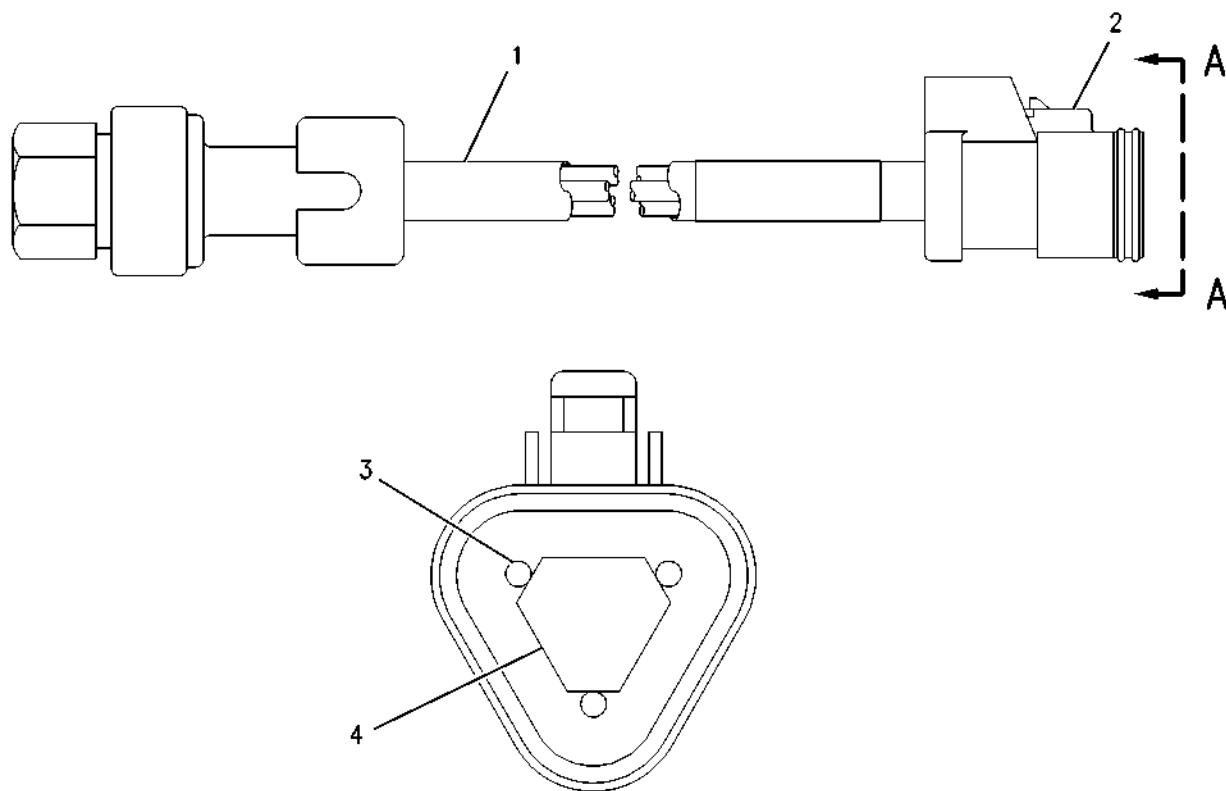
PART OF 156-9816 WIRING GP-ENGINE

SMCS-1408

i01990288

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	138-3094		SLEEVE (34CM)						
	2	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (PRESSURE SENSOR)						
					(INCLUDES PLUG ASSEMBLY & WEDGE)						
	3	1	8T-8730	3	SOCKET-CONNECTOR						
	4	1	3E-3368	1	WEDGE-PLUG LOCK						

E-ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1

<END>

g00468388

ELECTRICAL AND STARTING SYSTEM

161-9931 SENSOR GP-PRESSURE—FILTERED ENGINE OIL

S/N: 2GR1180-3653

PART OF 156-9816 WIRING GP-ENGINE

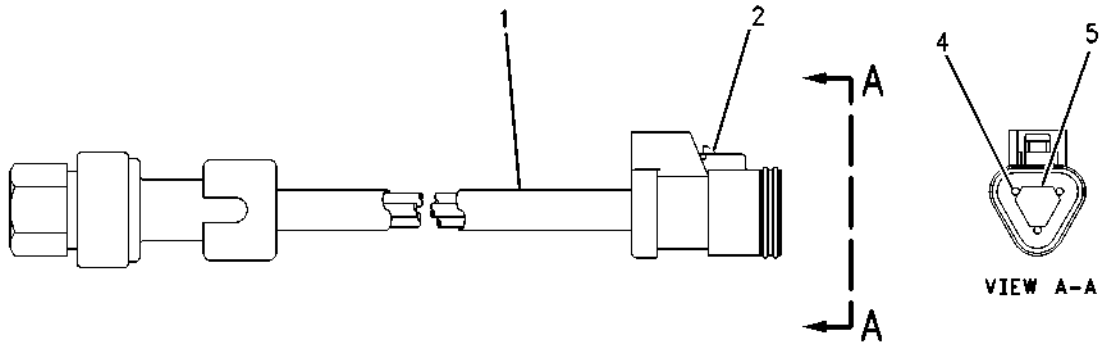
SMCS-1408

i01988637

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
BE	1	1	9X-1813		SLEEVE	
	2	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (PRESSURE SENSOR) (INCLUDES PLUG AS & WEDGE)	
	4	1	186-3736	3	SOCKET-CONNECTOR	
	5	1	3E-3368	1	WEDGE-PLUG LOCK	

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00807023

ELECTRICAL AND STARTING SYSTEM

167-1709 SENSOR GP-PRESSURE-FAN

S/N: 7PZ1-UP

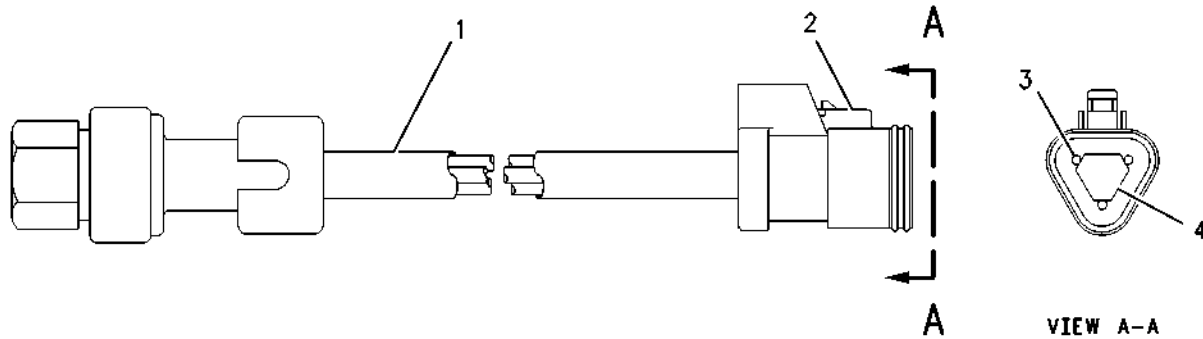
PART OF 156-9936 BATTERY & WIRING GP

SMCS-1408

i01988642

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	9X-1813		SLEEVE						
	2	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS & WEDGE)						
	3	1	9X-3402	3	SOCKET-CONNECTOR						
	4	1	3E-3368	1	WEDGE-PLUG LOCK (3 PIN)						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00888131

ELECTRICAL AND STARTING SYSTEM

194-6724 SENSOR GP-PRESSURE-TURBO OUTLET

S/N: 2GR3297-UP

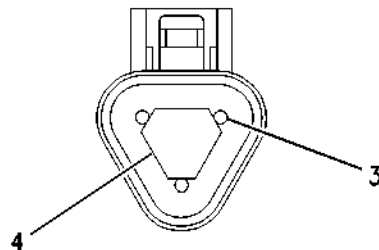
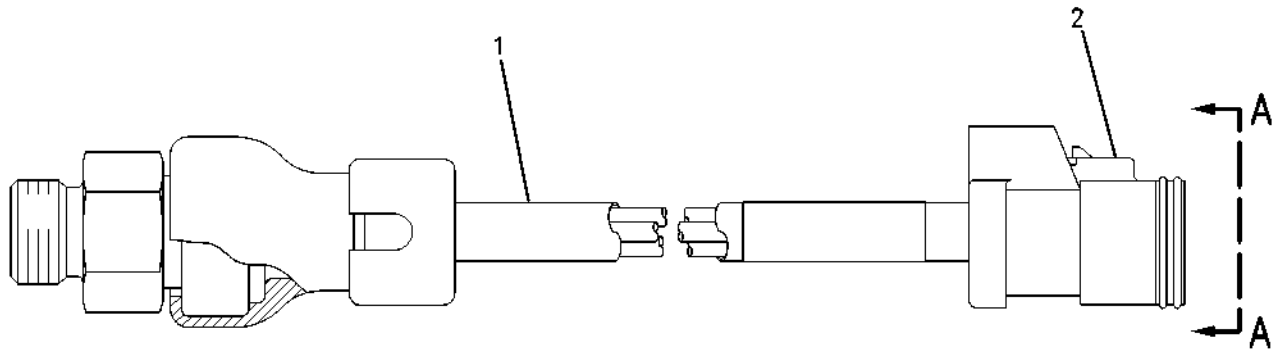
PART OF 156-9816 WIRING GP-ENGINE
FIELD REPLACEMENT FOR 161-9929-PAGE 340

SMCS-1408

i02000927

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	138-3094		SLEEVE (34CM)						
	2	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS. AND WEDGE)						
	3	1	180-9340	3	SOCKET - CONNECTOR						
	4	1	3E-3368	1	WEDGE-PLUG LOCK						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1

<END>

g00807030

ELECTRICAL AND STARTING SYSTEM

194-6725 SENSOR GP-PRESSURE—FILTERED ENGINE OIL

S/N: 2GR3654-UP

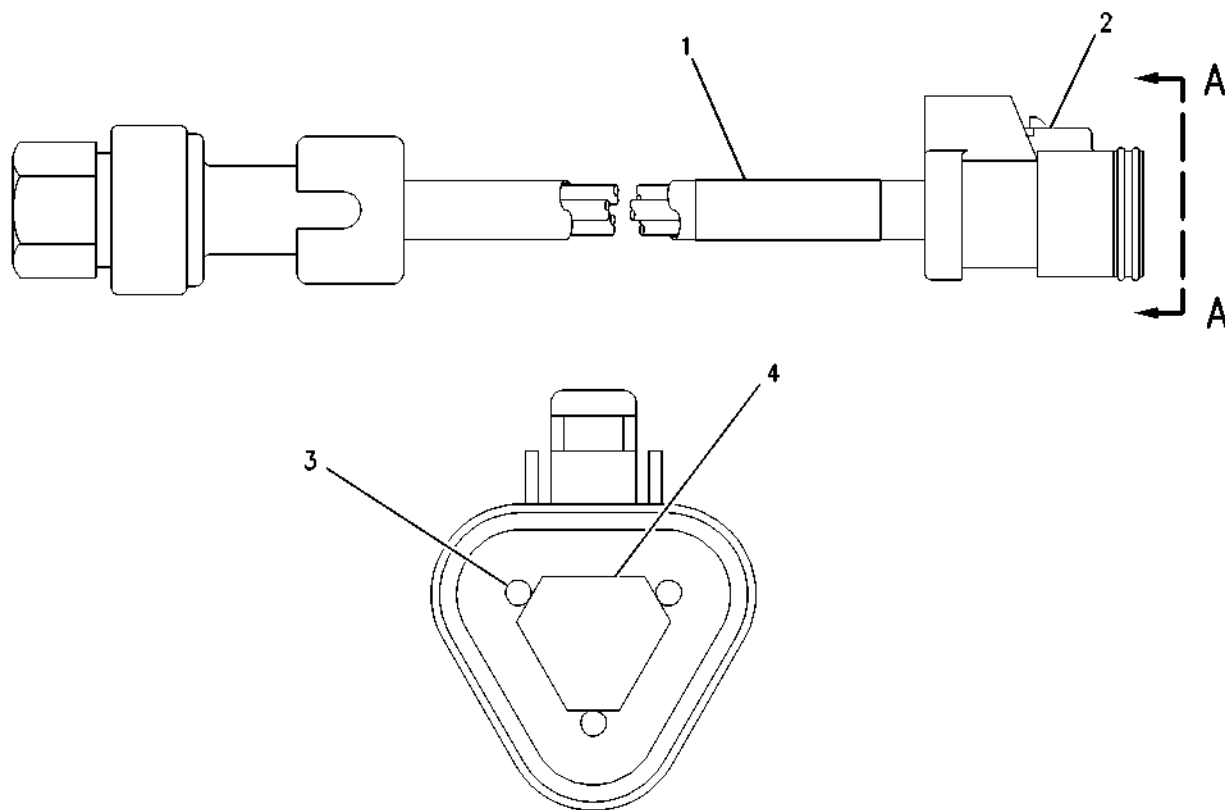
PART OF 156-9816 WIRING GP-ENGINE

SMCS-1408

i01988647

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	9X-1813		SLEEVE (34CM)						
	2	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	3	1	180-9340	3	SOCKET - CONNECTOR						
	4	1	3E-3368	1	WEDGE - PLUG LOCK						

E-ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1

<END>

g00851220

ELECTRICAL AND STARTING SYSTEM

221-3406 SENSOR GP - PRESSURE—MAIN HYDRAULIC PUMP— TILT HYDRAULIC PUMP

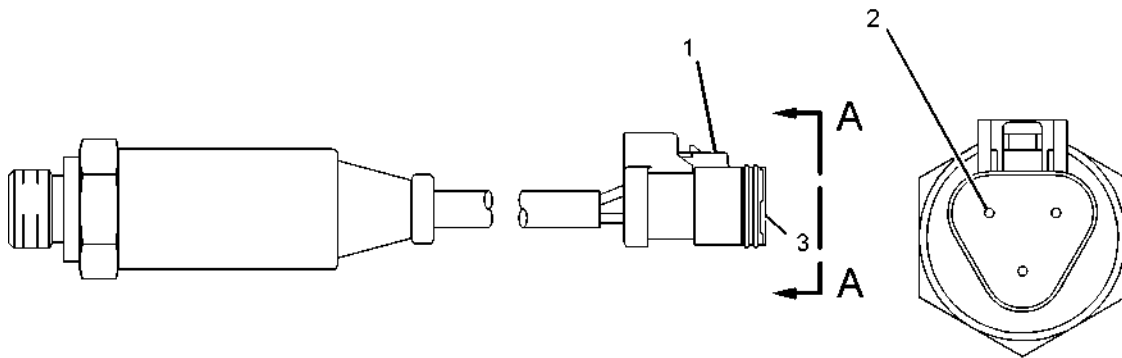
S/N: 7PZ660-664, 732-UP

PART OF 156-9936 BATTERY & WIRING GP, 173-1553 LINES GP - PUMP

SMCS-1408

i02003755

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
	2	1	180-9340	3	SOCKET-CONNECTOR	
	3	1	155-2276	1	WEDGE-PLUG LOCK (3 PIN)	



GRAPHIC #1

<END>

VIEW A-A

g01037697

ELECTRICAL AND STARTING SYSTEM

129-6628 SENSOR GP-SPEED-ENGINE SPEED/TIMING

S/N: 2GR1180-UP

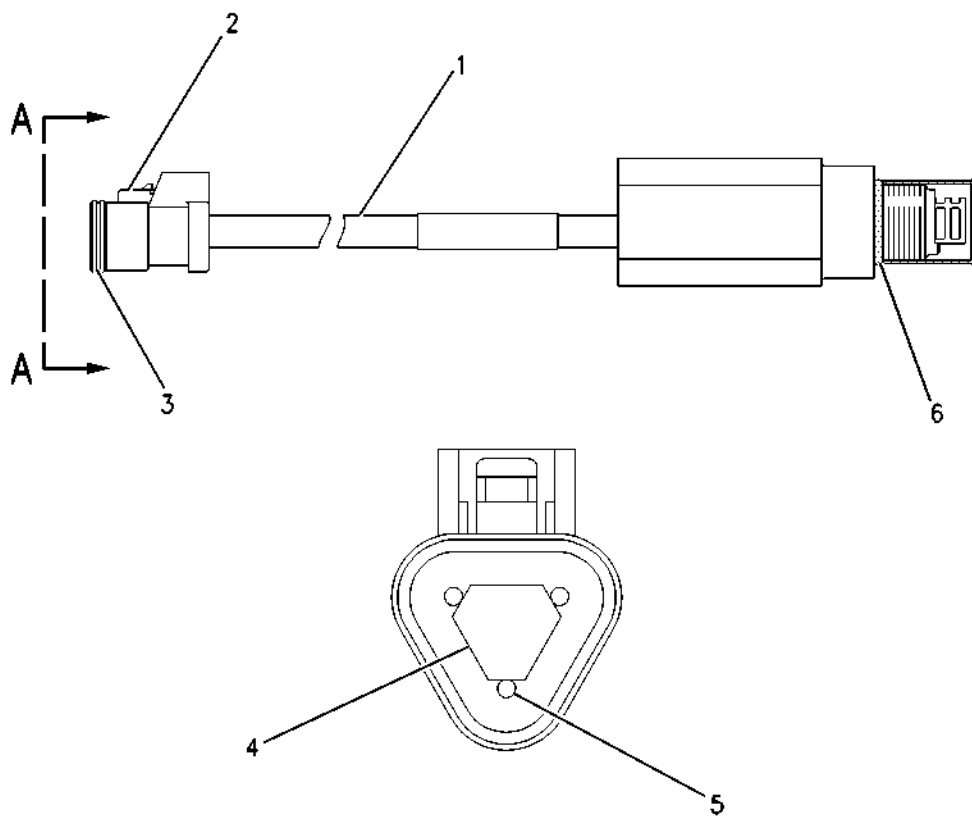
PART OF 156-9816 WIRING GP-ENGINE

SMCS-1408

i02000934

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	9X-1813		SLEEVE (31CM)						
	2	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS. AND WEDGE)						
	3	1	102-8813	1	SEAL						
	4	1	3E-3368	1	WEDGE-PLUG LOCK						
	5	1	186-3736	3	SOCKET-CONNECTOR						
	6	1	8L-2786	1	SEAL-O-RING						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1

<END>

g00714038

ELECTRICAL AND STARTING SYSTEM

189-5746 SENSOR GP - SPEED-TIMING CALIBRATION PROBE-ENGINE

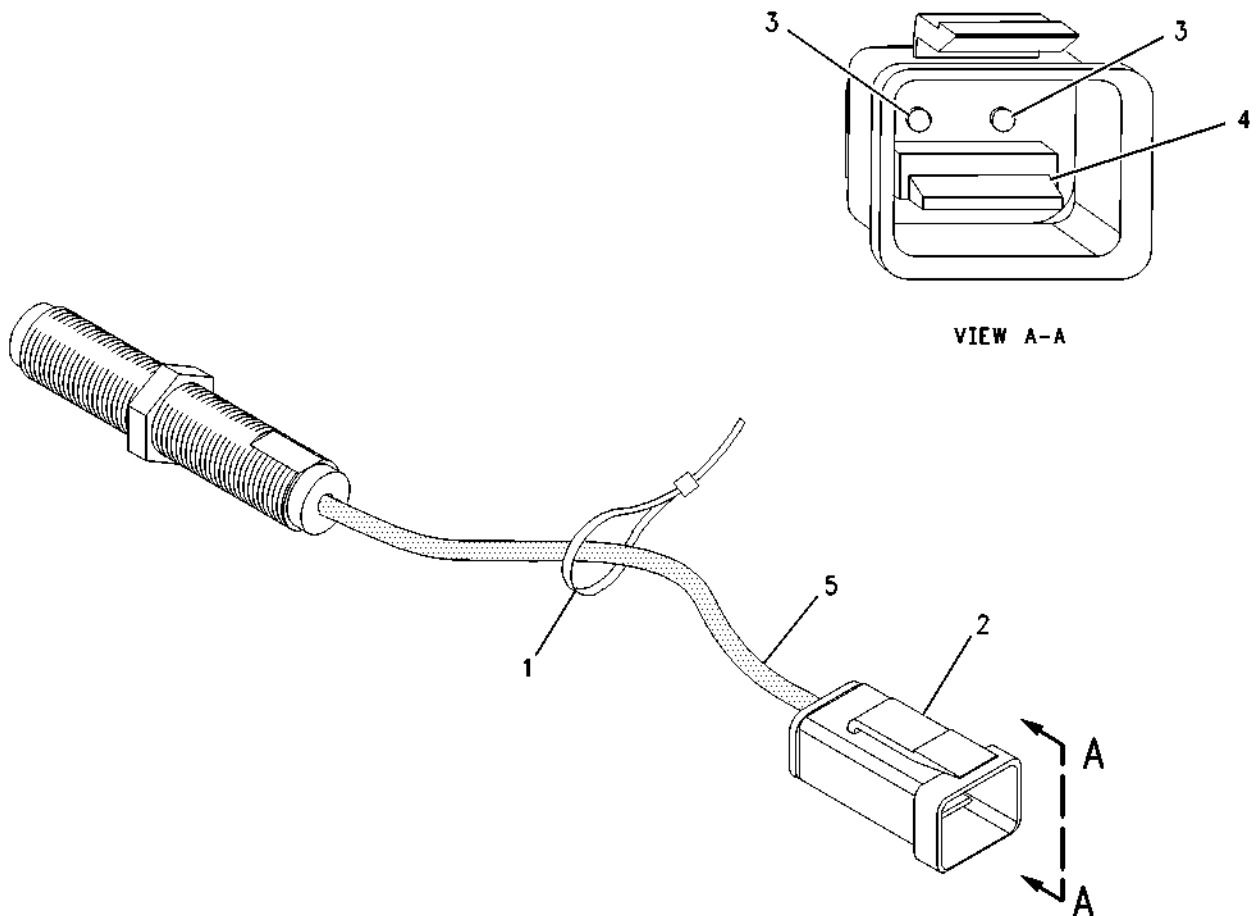
S/N: 2GR1180-UP

PART OF 156-9816 WIRING GP-ENGINE

SMCS-1408

i02000933

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	171-5349	1	STRAP-MARKER						
	2	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS. AND WEDGE)						
	3	1	186-3735	2	PIN-CONNECTOR						
	4	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
E	5	1	9X-1386		SLEEVE (14CM)						
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

<END>

g00837278

ELECTRICAL AND STARTING SYSTEM

193-2550 SENSOR GP - SPEED-ODOMETER

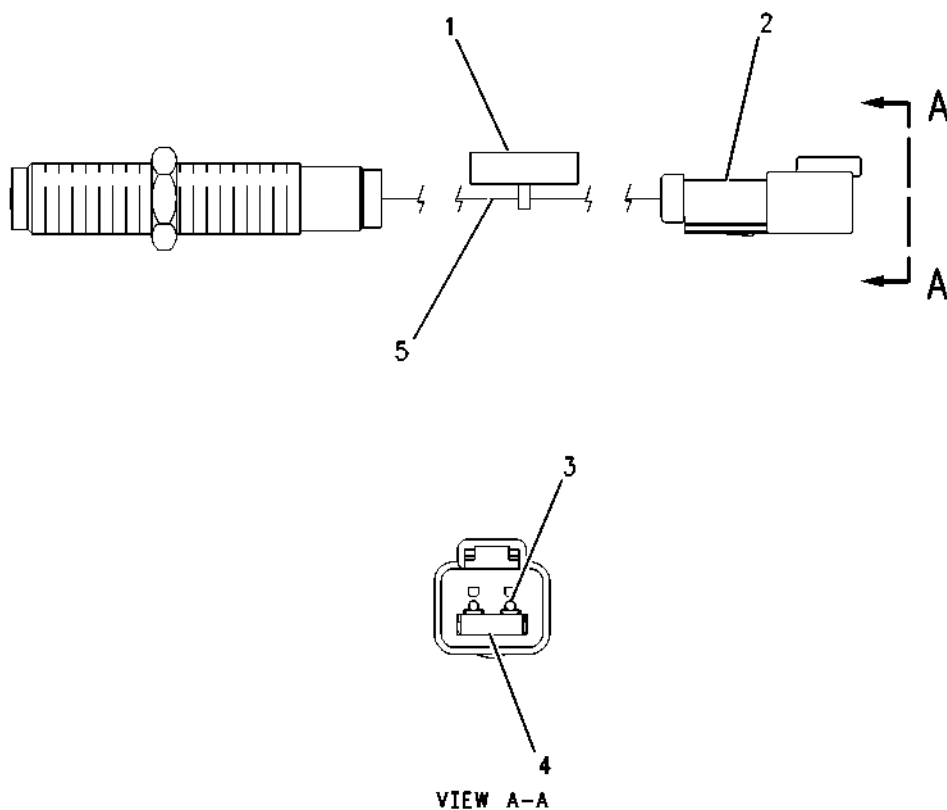
S/N: 7PZ1-UP

PART OF 156-9936 BATTERY & WIRING GP

SMCS-1408

i01988645

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	171-5349	1	STRAP-MARKER						
	2	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	8T-8729	2	PIN-CONNECTOR						
	4	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
BE	5	1	9X-1813		SLEEVE						
B-USE AS REQUIRED											
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

<END>

g00690327

ELECTRICAL AND STARTING SYSTEM

118-7226 SENSOR GP-TEMPERATURE-STEERING OIL

S/N: 7PZ1-UP

8 VOLT. PULSE WIDTH MODULATION

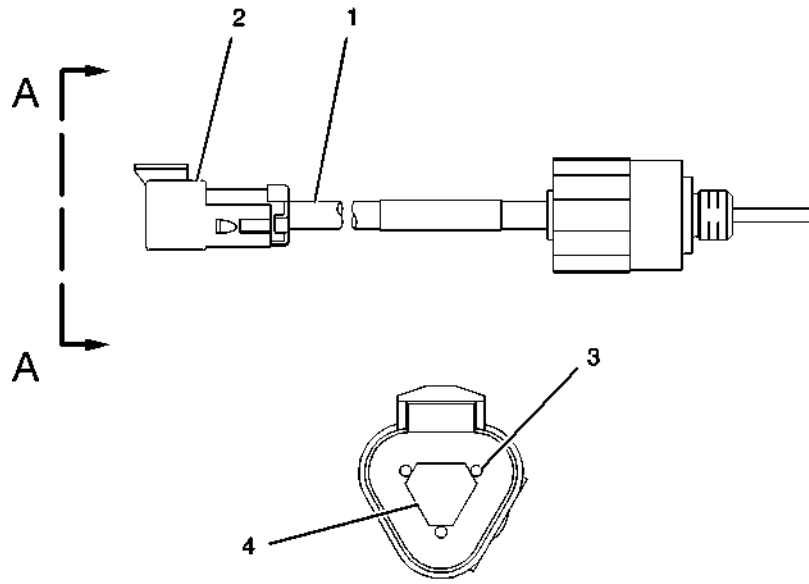
PART OF 156-9936 BATTERY & WIRING GP

SMCS-1408, 1906, 1921, 1922, 7400

i01988638

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	9X-1813		SLEEVE (33CM)						
	2	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	186-3735	3	PIN-CONNECTOR						
	4	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						

E-ORDER BY THE CENTIMETER



VIEW A-A

<END>

GRAPHIC #1

g01023677

ELECTRICAL AND STARTING SYSTEM

134-2252 SENSOR GP-TEMPERATURE-POWER TRAIN OIL

S/N: 7PZ1-UP

8 VOLT

PART OF 156-9936 BATTERY & WIRING GP

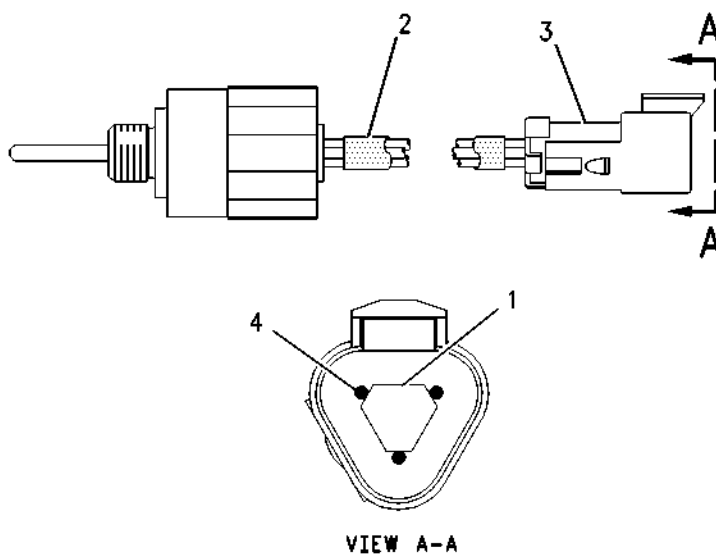
SMCS-1408, 1906, 1921, 1922, 7400

i01988640

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						
BE	2	1	9X-1386		SLEEVE						
	3	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	4	1	8T-8729	3	PIN-CONNECTOR						

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00658816

ELECTRICAL AND STARTING SYSTEM

236-6586 SERVICE GP-IMPLEMENT

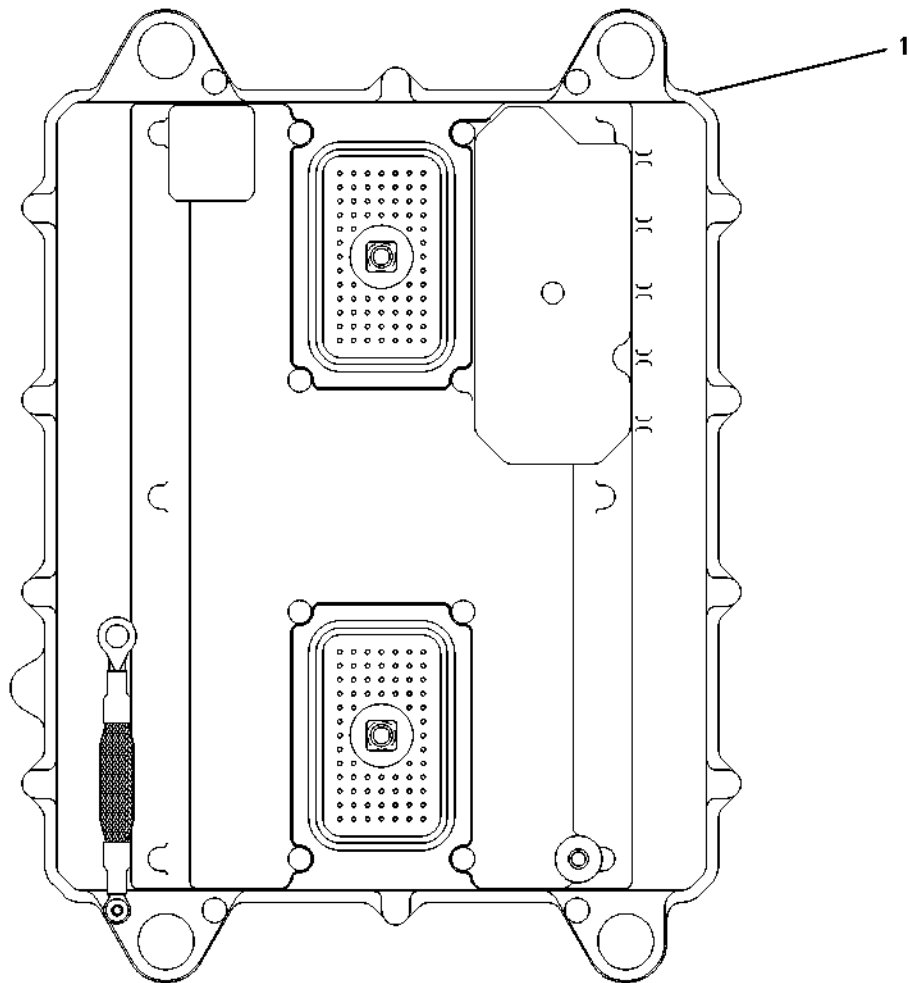
S/N: 7PZ1-UP

PART OF 173-7246 ELECTRONICS GP-IMPLEMENT

SMCS-7610

i02023758

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	166-7731	1	CONTROL GP-UNPROGRAMMED						292
			236-6585	1	SOFTWARE GP-IMPLEMENT						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00863314

ELECTRICAL AND STARTING SYSTEM

239-7919 SERVICE GP-MONITOR-VIMS

S/N: 7PZ1-UP

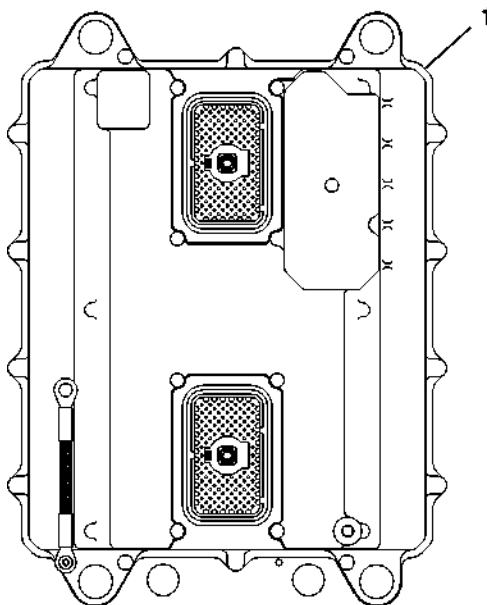
PART OF 173-7247 ELECTRONICS GP-MONITOR

SMCS-7610

i02023791

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	169-0489	1	CONTROL GP-UNPROGRAMMED						293
			239-7918	1	SOFTWARE GP-MONITOR (VIMS)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01044909

ELECTRICAL AND STARTING SYSTEM

218-0425 SERVICE GP-POWER TRAIN

S/N: 7PZ1-UP

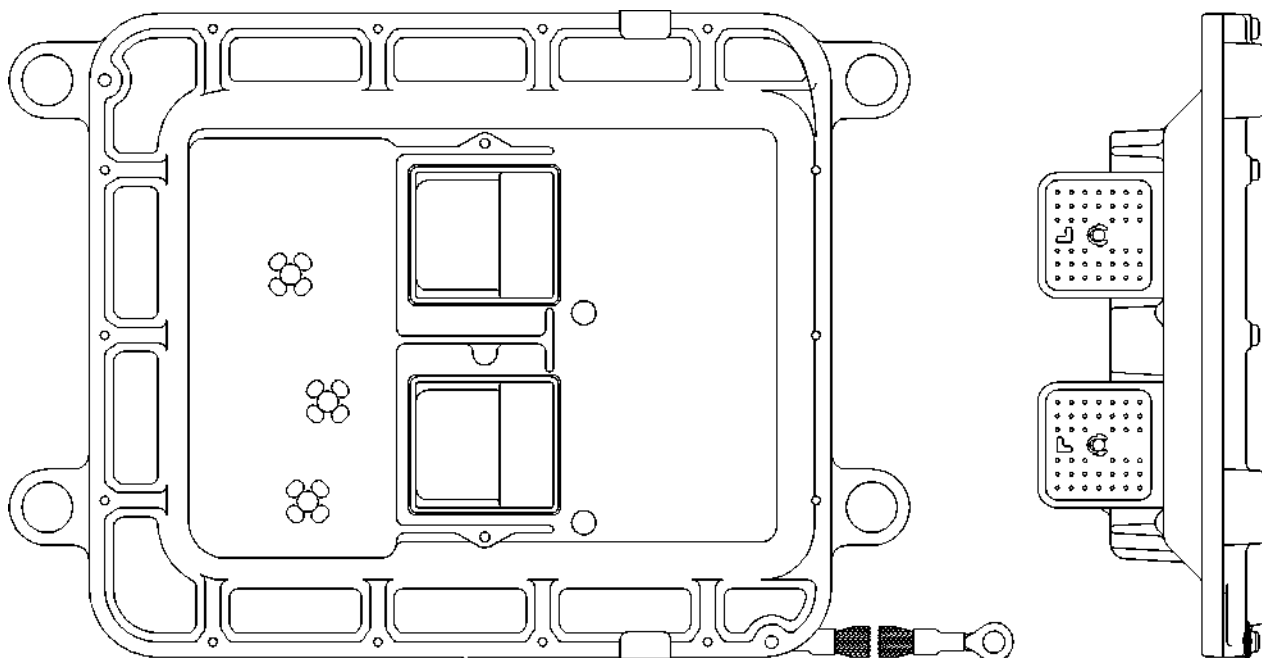
PART OF 173-7459 ELECTRONICS GP-POWER TRAIN

SMCS-7610

i02023729

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1		172-9389	1	CONTROL GP-UNPROGRAMMED						294
			218-0424	1	SOFTWARE GP-POWER TRAIN						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

1
<END>

g01044785

ELECTRICAL AND STARTING SYSTEM

179-7091 STARTING AID GP-ETHER

S/N: 7PZ289-UP

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1456

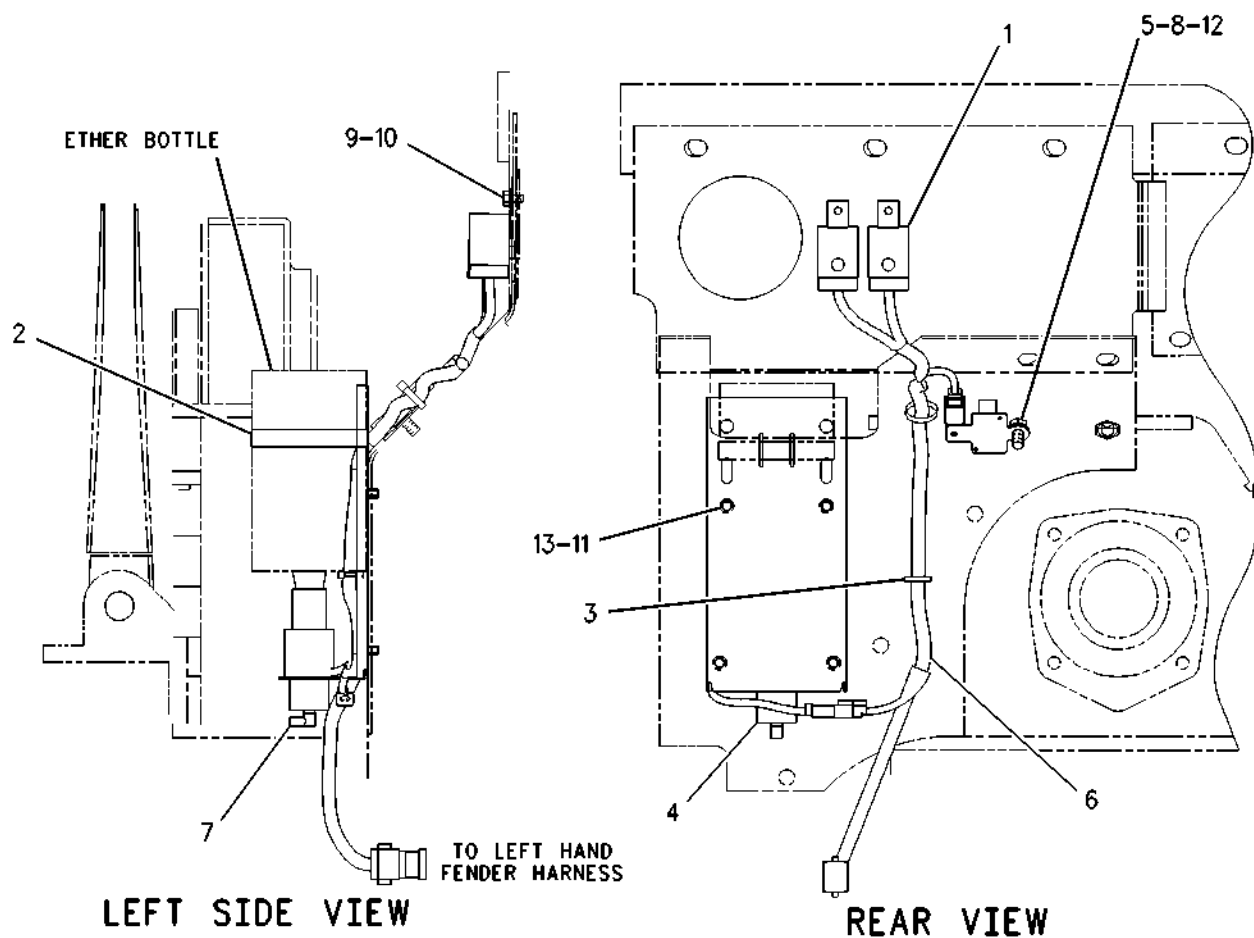
i02001364

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-5239	2	RELAY AS (24-VOLT) (ETHER STARTING AID)						
	2	1	5P-0598	1	CLAMP						
	3	1	9X-6772	2	STRAP-CABLE						
	4	1	123-8773	1	VALVE AS-ETHER START						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
		1	8T-8729	2	PIN-CONNECTOR						
		1	9X-7138	1	FILTER & GASKET AS (ETHER STARTING AID)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	5	1	124-6704	1	RESISTOR AS (ETHER SOLENOID LOAD)						
	6	1	132-0342	1	HARNESS AS (ETHER STARTING AID)						
	7	1	160-8767	1	FITTING AS						
		1	160-8761	1	SCREEN (ETHER STARTING AID)						
	8	1	5M-3062	1	BOLT (3/8-16X0.75 IN)						
	9	1	5S-7349	2	BOLT (1/4-20X0.5 IN)						
	10	1	8T-4205	2	WASHER-HARD (7.2X14.5X2MM THK)						
	11	1	8T-4224	4	WASHER-HARD (8.8X16X2MM THK)						
	12	1	8T-4896	1	WASHER-HARD (10.2X18.5X2.5MM THK)						
	13	1	8T-5391	4	BOLT (5/16-18X0.5 IN)						
AF		1	7X-1062	1	CYLINDER AS-ETHER						
A-NOT PART OF THIS GROUP											
F-NOT SHOWN											

ELECTRICAL AND STARTING SYSTEM

179-7091 STARTING AID GP-ETHER (contd.)

i02001364



GRAPHIC #1

<END>

g00685696

ELECTRICAL AND STARTING SYSTEM

179-7092 STARTING AID GP-ETHER

S/N: 2GR1180-UP

PART OF 155-5556 ENGINE AR

SMCS-1456

i01328282

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	118-8454	2	NOZZLE AS-ETHER	
	2	1	135-6143	1	PLATE AS	
		1	1F-0750	2	NUT-WELD (3/8-16 THD)	
	3	1	0S-0509	2	BOLT (3/8-16X.75 IN)	
	4	1	0S-1588	2	BOLT (3/8-16X1.25 IN)	
	5	1	133-9660	1	UNION-FLARED	
	6	1	135-6987	1	HOSE AS	
	7	1	135-7862	2	HOSE AS	
	8	1	1T-0720	2	BOLT-12 POINT HEAD (3/8-16X1.25 IN)	
	9	1	5M-2894	7	WASHER-HARD (2.5MM THK)	
	10	1	7D-1728	5	CLIP	
	11	1	8M-2772	6	CLIP (6.35MM ID)	
	12	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5MM THK)	

AF

7X-1062

1

CYLINDER AS-ETHER

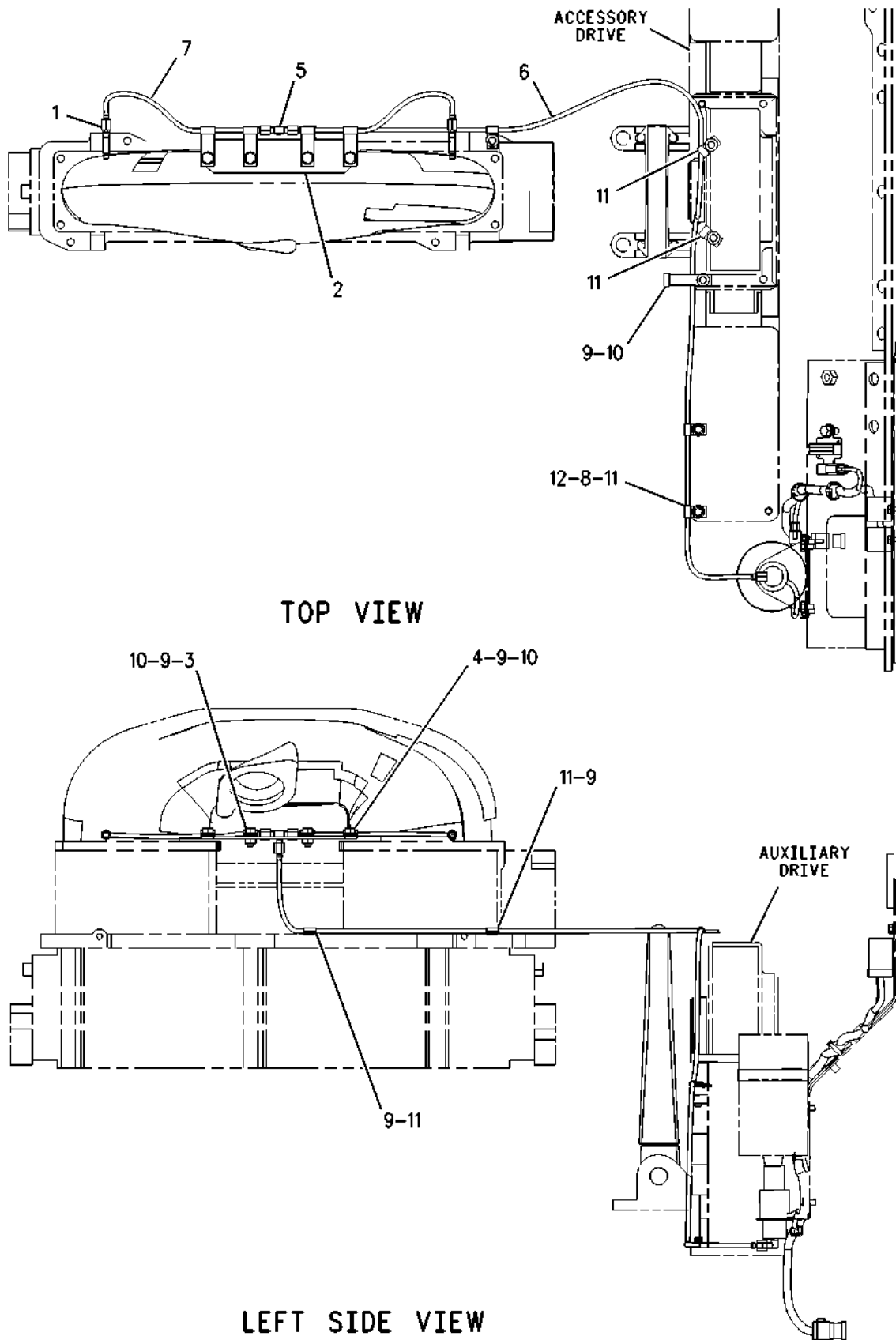
A-NOT PART OF THIS GROUP

F-NOT SHOWN

ELECTRICAL AND STARTING SYSTEM

179-7092 STARTING AID GP-ETHER (contd.)

i01328282



GRAPHIC #1

<END>

g00703344

ELECTRICAL AND STARTING SYSTEM

1W-6363 STARTING MOTOR GP-ELECTRIC

S/N: 2GR1180-UP

24 VOLT

PART OF 155-5556 ENGINE AR

SMCS-1453

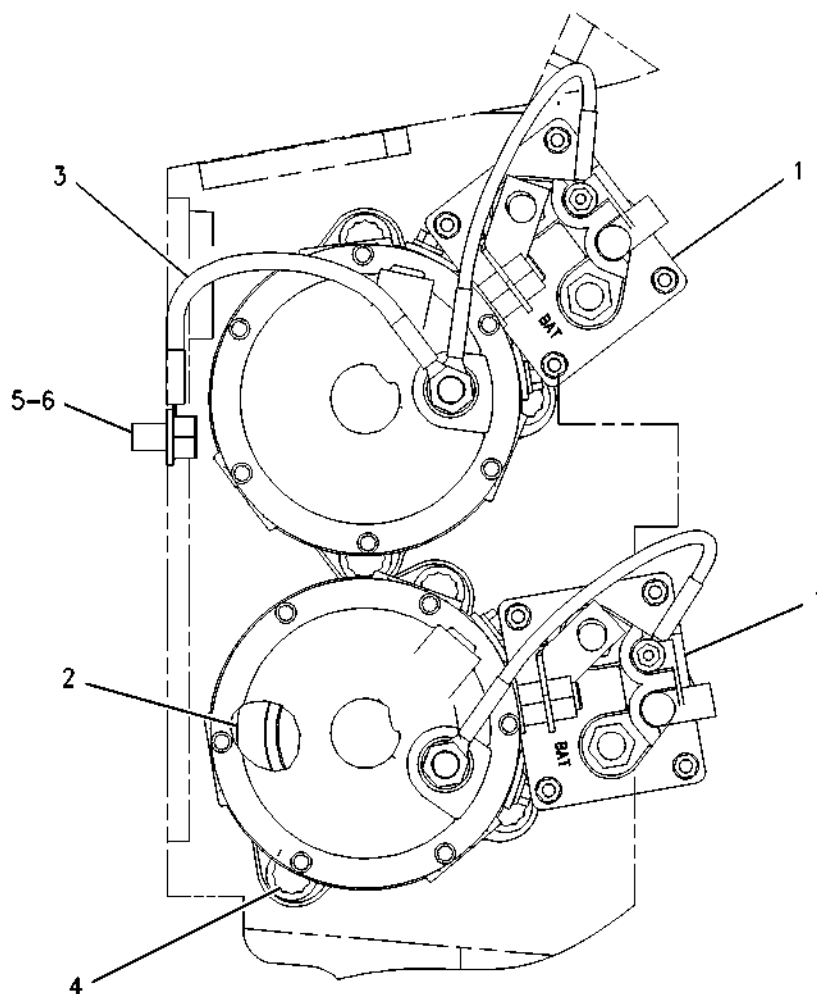
i01740118

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	6V-0889	2	STARTING MOTOR GP-ELECTRIC						362
	2	1	7N-6494	2	GASKET						
C	3	1	110-5991	1	CABLE AS						
		1	1S-7251	1	TERMINAL-RING (FOR 1/2 IN BOLT)						
E		1	5P-0747		CABLE (00GA) (BLACK) (19CM)						
		1	9X-9825	1	TERMINAL-CABLE						
	4	1	7J-8902	6	BOLT-12 POINT HEAD (5/8-11X1.50 IN)						
C	5	1	8T-4223	1	WASHER-HARD (13.5X25.5X3MM THK)						
C	6	1	8T-9383	1	BOLT (1/2-13X0.75 IN)						

C-CHANGE FROM PREVIOUS TYPE

E-ORDER BY THE CENTIMETER

Y-SEPARATE ILLUSTRATION



FRONT VIEW

GRAPHIC #1

<END>

g00854551

ELECTRICAL AND STARTING SYSTEM

6V-0513 STARTING MOTOR GP-ELECTRIC*R

S/N: 2GR1180-UP

FIELD REPLACEMENT FOR 6V-0889—PAGE 362

SMCS-1453

i02029614

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	036-9823	13	BOLT	
	2	1	3L-3380	1	BUSHING-TERMINAL	
	3	1	3T-3418	1	FRAME AS-END	
	4	1	3T-3423	1	CUP	
	5	1	9G-4101	1	BUSHING-END	
	6	1	3T-3424	1	PLUG-FELT	
	7	1	7M-0327	1	WASHER-THRUST (17.40X25.4X1.6-MM THK)	
	8	1	7M-8651	1	ARMATURE AS	
	9	1	7M-0324	1	COIL AS-FIELD	
	10	1	9H-3757	2	WASHER (0.516X1X0.094-IN THK)	
	11	1	7X-0562	6	WASHER-HARD (13.5X19X0.8-MM THK)	
	12	1	6V-8188	6	NUT (1/2-13-THD)	
	13	1	7M-0326	1	CONNECTOR	
	14	1	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)	
	15	1	125-6533	1	SOLENOID AS (STARTING MOTOR)	
		1	3R-8801	1	CLAMP	
	16	1	6V-1322	4	BOLT (1/4-20X0.375-IN)	
	17	1	4M-1831	4	PLUG-LEVER HOUSING	
	18	1	7L-2894	4	GASKET	
	19	1	3F-0379	12	SCREW-POLE SHOE (3/8-24-THD)	
	20	1	7M-0325	1	INSULATOR	
	21	1	7F-3488	6	SHOE-POLE	
	22	1	1S-7446	3	SCREW-MACHINE (8-32X0.437-THD)	
	23	1	3T-9524	6	BRUSH AS (STARTING MOTOR)	
	24	1	9S-2544	6	SCREW-HEX HEAD (8-32X11.13-MM)	
	25	1	3T-9525	1	PLATE AS-BRUSH	
	26	1	6T-0371	1	INSULATOR	
	27	1	5P-6298	12	SCREW-MACHINE (10-32X0.5-IN)	
		1	9F-5599	12	LOCKWASHER	
	28	1	7F-3525	6	WASHER-BUSHING (.209X.39X.09-MM THK)	
	29	1	6T-0372	1	PLATE	
	30	1	3T-4709	3	PLATE	
	31	1	2L-6679	3	PLATE-INSULATOR	
	32	1	3T-4710	3	PLATE	
	33	1	6T-0363	6	HOLDER AS-BRUSH (STARTING MOTOR)	
					(EACH INCLUDES)	
	34	1	3T-9494	1	SPRING (STARTING MOTOR)	
	35	1	2D-6392	1	SEAL-O-RING	
	36	1	2J-8163	2	SEAL-O-RING	
	37	1	7F-3491	2	WASHER (0.516X1X0.094-IN THK)	
	38	1	3R-8801	1	CLAMP	
	39	1	6N-3826	1	DRIVE AS-MOTOR	
	40	1	1H-2629	3	STRIP-INSULATION	
	41	1	3T-3422	1	WIRE AS	
	42	1	9M-7606	1	PLUNGER AS	
	43	1	036-9821	1	WASHER	
	44	1	4M-1829	1	BOOT-RUBBER	
	45	1	4M-1828	1	RETAINER-SPRING	
	46	1	9M-7609	1	SPRING	
	47	1	1H-1023	1	SEAL-O-RING	
	48	1	3E-7771	1	HOUSING AS	
	49	1	3T-3424	2	PLUG-FELT	
	50	1	3T-3423	2	CUP	
	51	1	1M-9968	1	BUSHING	
	52	1	2F-6678	1	SEAL-LIP TYPE	
	53	1	4L-2729	1	WASHER (0.844X1.9X0.188-IN THK)	

ELECTRICAL AND STARTING SYSTEM

6V-0513 STARTING MOTOR GP-ELECTRIC (contd.)

i02029614

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	54	1	4M-1854	1	SHAFT-LEVER	
	55	1	2H-3429	2	RING-RETAINING	
	56	1	4M-1853	1	LEVER AS-SHIFT	
	57	1	5M-3034	1	LOCKNUT	
	58	1	1M-9971	1	SPACER (.840X1.72X1.88-IN THK)	
	59	1	4M-1827	1	RETAINER-SPRING	
	60	1	8C-3089	1	SEAL-O-RING	
	61	1	3E-7768	1	HOUSING AS	
	62	1	4M-1896	1	BUSHING-TERMINAL	
	63	1	8C-9660	3	WASHER (4.6X7.9X0.8-MM THK)	
	64	1	3T-9494	6	SPRING (STARTING MOTOR)	
	65	1	5J-5314	5	BOLT (5/16-18X1.5-IN)	
J	66	1	3N-3763	1	KIT-TERMINAL (STARTING MOTOR)	
JZ		1		1	INSULATOR	
JZ	67	1		1	BUSHING	
JZ	68	1		1	BUSHING	
JZ	69	1		1	WASHER	
	70	1	7X-3373	1	BOLT (5/16-18X0.88-IN)	
	71	1	6N-3279	1	INSULATOR	
	72	1	4B-2049	6	NUT (10-32-THD)	
	73	1	8T-0328	10	WASHER-HARD (5.5X10X1-MM THK)	
	74	1	8F-1434	2	LOCKWASHER (INTERNAL TOOTH)	
B	75	1	3T-3434	6	PLUG	
	76	1	6T-0362	1	INSULATOR	
	77	1	045-4065	4	SCREW-MACHINE (10-32X0.75-IN)	
	78	1	125-6535	1	COVER-STARTING MOTOR	
	79	1	125-6536	1	TERMINAL AS	
	80	1	7T-9123	1	GASKET-PLATE	

B-USE AS REQUIRED

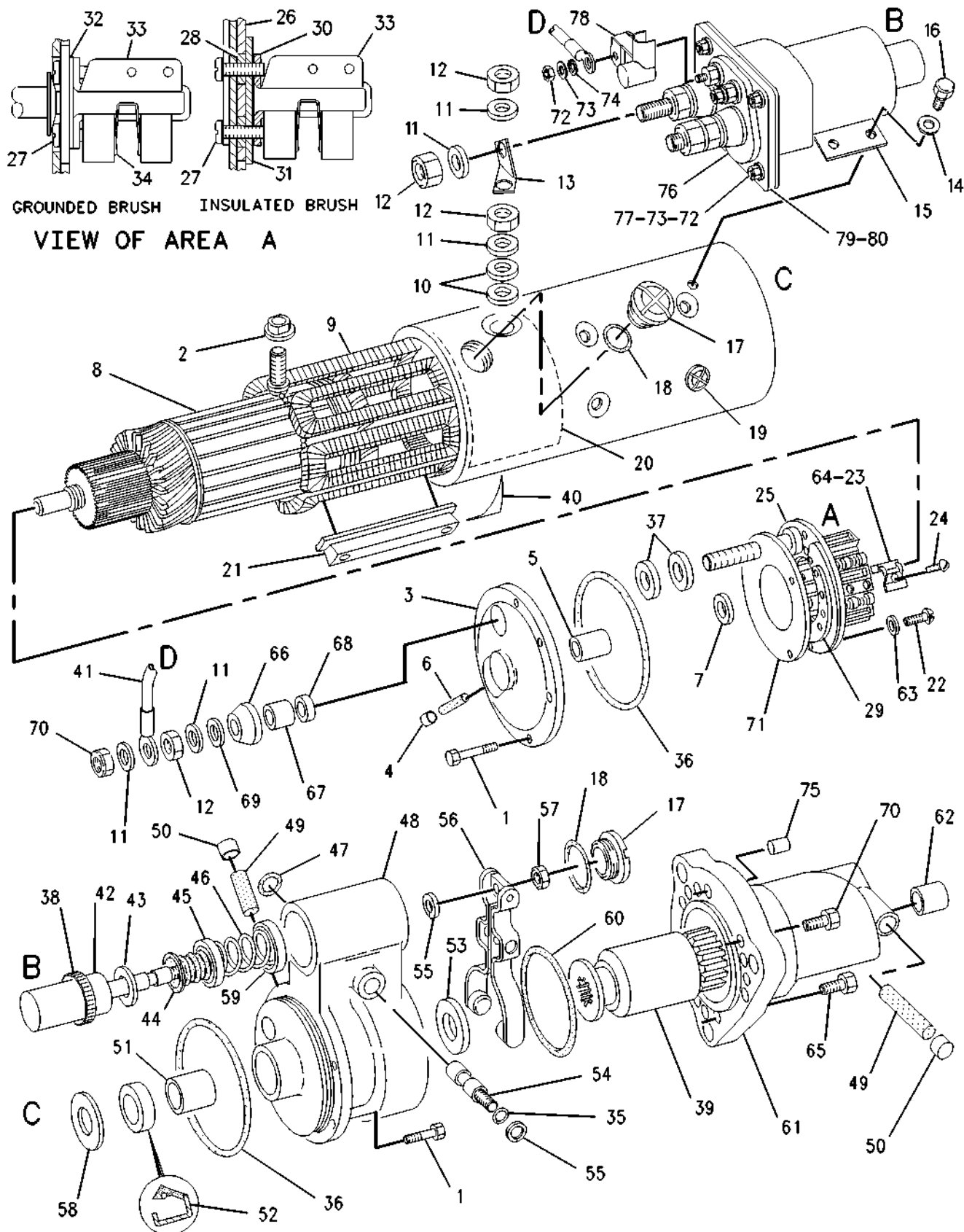
J-KIT MARKED J INCLUDES PART(S) MARKED J

Z-NOT SERVICED SEPARATELY

ELECTRICAL AND STARTING SYSTEM

6V-0513 STARTING MOTOR GP-ELECTRIC (contd.)

i02029614



GRAPHIC #1

<END>

g00673263

ELECTRICAL AND STARTING SYSTEM

6V-0889 STARTING MOTOR GP-ELECTRIC

S/N: 2GR1180-UP

PART OF 1W-6363 STARTING MOTOR GP-ELECTRIC
FIELD REPLACEMENT ORDER 6V-0513-PAGE 359

SMCS-1453

i02029613

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	036-9823	13	BOLT						
	2	1	3L-3380	1	BUSHING-TERMINAL						
	3	1	3T-3418	1	FRAME AS-END						
	4	1	3T-3423	1	CUP						
	5	1	9G-4101	1	BUSHING-END						
	6	1	3T-3424	1	PLUG-FELT						
	7	1	7M-0327	1	WASHER-THRUST (17.40X25.4X1.6-MM THK)						
	8	1	7M-8651	1	ARMATURE AS						
	9	1	7M-0324	1	COIL AS-FIELD						
	10	1	9H-3757	2	WASHER (0.516X1X0.094-IN THK)						
	11	1	7X-0562	6	WASHER-HARD (13.5X19X0.8-MM THK)						
	12	1	6V-8188	6	NUT (1/2-13-THD)						
	13	1	7M-0326	1	CONNECTOR						
	14	1	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)						
C	15	1	125-6533	1	SOLENOID AS (STARTING MOTOR)						
C		1	3R-8801	1	CLAMP						
	16	1	6V-1322	4	BOLT (1/4-20X0.375-IN)						
	17	1	4M-1831	4	PLUG-LEVER HOUSING						
	18	1	7L-2894	4	GASKET						
	19	1	3F-0379	12	SCREW-POLE SHOE (3/8-24-THD)						
	20	1	7M-0325	1	INSULATOR						
	21	1	7F-3488	6	SHOE-POLE						
	22	1	1S-7446	3	SCREW-MACHINE (8-32X0.437-THD)						
	23	1	3T-9524	6	BRUSH AS (STARTING MOTOR)						
C	24	1	9S-2544	9	SCREW-HEX HEAD (8-32X11.13-MM)						
	25	1	3T-9525	1	PLATE AS-BRUSH						
	26	1	6T-0371	1	INSULATOR						
	27	1	3T-4711	12	SCREW AS						
		1	9F-5599	12	LOCKWASHER						
	28	1	7F-3525	6	WASHER-BUSHING (.209X.39X.09-MM THK)						
	29	1	6T-0372	1	PLATE						
	30	1	3T-4709	3	PLATE						
	31	1	2L-6679	3	PLATE-INSULATOR						
	32	1	3T-4710	3	PLATE						
	33	1	6T-0363	6	HOLDER AS-BRUSH (STARTING MOTOR)						
					(EACH INCLUDES)						
	34	1	3T-9494	1	SPRING (STARTING MOTOR)						
	35	1	2D-6392	1	SEAL-O-RING						
	36	1	2J-8163	2	SEAL-O-RING						
	37	1	7F-3491	2	WASHER (0.516X1X0.094-IN THK)						
	38	1	3R-8801	1	CLAMP						
	39	1	6N-3826	1	DRIVE AS-MOTOR						
	40	1	1H-2629	3	STRIP-INSULATION						
	41	1	3T-3422	1	WIRE AS						
	42	1	9M-7606	1	PLUNGER AS						
	43	1	036-9821	1	WASHER						
	44	1	4M-1829	1	BOOT-RUBBER						
	45	1	4M-1828	1	RETAINER-SPRING						
	46	1	9M-7609	1	SPRING						
	47	1	1H-1023	1	SEAL-O-RING						
	48	1	3E-7771	1	HOUSING AS						
	49	1	3T-3424	2	PLUG-FELT						
	50	1	3T-3423	2	CUP						
	51	1	1M-9968	1	BUSHING						
	52	1	2F-6678	1	SEAL-LIP TYPE						

ELECTRICAL AND STARTING SYSTEM

6V-0889 STARTING MOTOR GP-ELECTRIC (contd.)

i02029613

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	53	1	4L-2729	1	WASHER (0.844X1.9X0.188-IN THK)						
	54	1	4M-1854	1	SHAFT-LEVER						
	55	1	2H-3429	2	RING-RETAINING						
	56	1	4M-1853	1	LEVER AS-SHIFT						
	57	1	5M-3034	1	LOCKNUT						
	58	1	1M-9971	1	SPACER (.840X1.72X1.88-IN THK)						
	59	1	4M-1827	1	RETAINER-SPRING						
	60	1	8C-3089	1	SEAL-O-RING						
	61	1	3E-7768	1	HOUSING AS						
	62	1	4M-1896	1	BUSHING-TERMINAL						
	63	1	8C-9660	3	WASHER (4.6X7.9X0.8-MM THK)						
	64	1	3T-9494	6	SPRING (STARTING MOTOR BRUSH)						
	65	1	5J-5314	5	BOLT (5/16-18X1.5-IN)						
	66	1	3N-3763	1	KIT-TERMINAL (STARTING MOTOR)						
					(INCLUDES INSULATOR, BUSHINGS, & WASHER)						
	70	1	7X-3373	1	BOLT (5/16-18X0.88-IN)						
	71	1	6N-3279	1	INSULATOR						
	72	1	4B-2049	6	NUT (10-32-THD)						
	73	1	8T-0328	10	WASHER-HARD (5.5X10X1-MM THK)						
	74	1	8F-1434	2	LOCKWASHER (INTERNAL TOOTH)						
B	75	1	3T-3434	6	PLUG						
	76	1	6T-0362	1	INSULATOR						
	77	1	045-4065	4	SCREW-MACHINE (10-32X0.75-IN)						
C	78	1	125-6535	1	COVER-STARTING MOTOR						
	79	1	125-6536	1	TERMINAL AS						
	80	1	7T-9123	1	GASKET-PLATE						

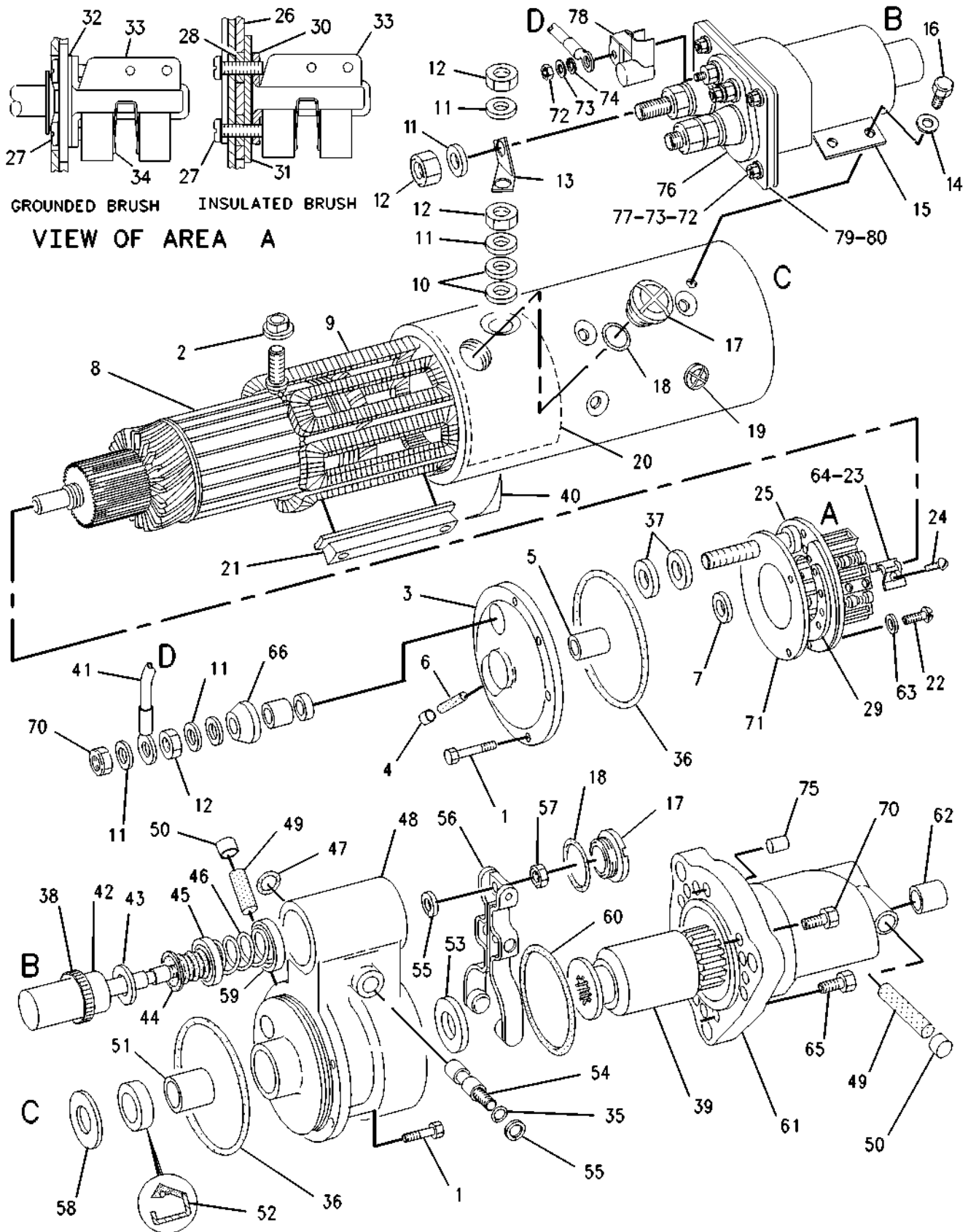
B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE

ELECTRICAL AND STARTING SYSTEM

6V-0889 STARTING MOTOR GP-ELECTRIC (contd.)

i02029613



GRAPHIC #1

<END>

g00634893

ELECTRICAL AND STARTING SYSTEM

123-8686 STARTING MOTOR GP-ELECTRIC*R

S/N: 7PZ1-UP

24 VOLT

FIELD REPLACEMENT FOR 123-8689—PAGE 368

SMCS-1453

i01988680

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7M-0326	1	CONNECTOR	
	2	1	9H-3757	2	WASHER (0.516X1X0.094 IN THK)	
	3	1	1S-7446	3	SCREW-MACHINE (8-32X0.437 THD)	
	4	1	8C-9660	3	WASHER (4.6X7.9X0.8MM THK)	
	5	1	9S-2544	9	SCREW-HEX HEAD (8-32X11.13MM)	
	6	1	4L-7124	4	BOLT (1/4-20X1.25 IN)	
	7	1	117-0610	1	KIT-BEARING (STARTER BEARING) (INCLUDES WASHERS & BEARING)	
	8	1	125-6536	1	TERMINAL AS	
	9	1	7F-3491	2	WASHER (0.516X1X0.094 IN THK)	
	10	1	3T-3422	1	WIRE AS	
	11	1	2J-8163	2	SEAL-O-RING	
	12	1	7X-3373	1	BOLT (5/16-18X0.88 IN)	
	13	1	3T-3434	6	PLUG	
	14	1	5J-5314	5	BOLT (5/16-18X1.5 IN)	
	15	1	3L-3380	1	BUSHING-TERMINAL	
	16	1	036-9821	1	WASHER	
	17	1	4M-1828	1	RETAINER-SPRING	
	18	1	4M-1829	1	BOOT-RUBBER	
	19	1	9M-7606	1	PLUNGER AS	
	20	1	9M-7609	1	SPRING	
	21	1	4M-1827	1	RETAINER-SPRING	
	22	1	8C-3089	1	SEAL-O-RING	
	23	1	4M-1853	1	LEVER AS-SHIFT	
	24	1	5M-3034	1	LOCKNUT	
	25	1	7L-2894	4	GASKET	
	26	1	4M-1831	4	PLUG-LEVER HOUSING	
	27	1	4M-1854	1	SHAFT-LEVER	
	28	1	1H-1023	1	SEAL-O-RING	
	29	1	2D-6392	1	SEAL-O-RING	
	30	1	3E-7768	1	HOUSING AS	
	31	1	6N-3826	1	DRIVE AS-MOTOR	
	32	1	2H-3429	2	RING-RETAINING	
	33	1	6V-1322	4	BOLT (1/4-20X0.375 IN)	
	34	1	8T-4205	4	WASHER-HARD (7.2X14.5X2MM THK)	
	35	1	6N-3279	1	INSULATOR	
	36	1	036-9823	13	BOLT	
	37	1	111-9862	1	COVER-STARTING MOTOR	
	38	1	1H-2629	3	STRIP-INSULATION	
	39	1	7M-0324	1	COIL AS-FIELD	
	40	1	3F-0379	12	SCREW-POLE SHOE (3/8-24 THD)	
	41	1	7F-3488	6	SHOE-POLE	
	42	1	111-9864	1	GASKET	
	43	1	7M-0325	1	INSULATOR	
	44	1	3T-9524	6	BRUSH AS (STARTING MOTOR)	
	45	1	125-6533	1	SOLENOID AS (STARTING MOTOR)	
		1	3R-8801	1	CLAMP	
	46	1	125-6537	1	INSULATOR	
	47	1	3R-8801	1	CLAMP	
	48	1	8F-1434	2	LOCKWASHER (INTERNAL TOOTH)	
	49	1	6V-8188	6	NUT (1/2-13 THD)	
	50	1	7X-0562	6	WASHER-HARD (13.5X19X0.8MM THK)	
	51	1	4B-2049	6	NUT (10-32 THD)	
	52	1	8T-0328	10	WASHER-HARD (5.5X10X1MM THK)	
	53	1	3T-9494	6	SPRING (STARTING MOTOR)	

ELECTRICAL AND STARTING SYSTEM

123-8686 STARTING MOTOR GP-ELECTRIC (contd.)

i01988680

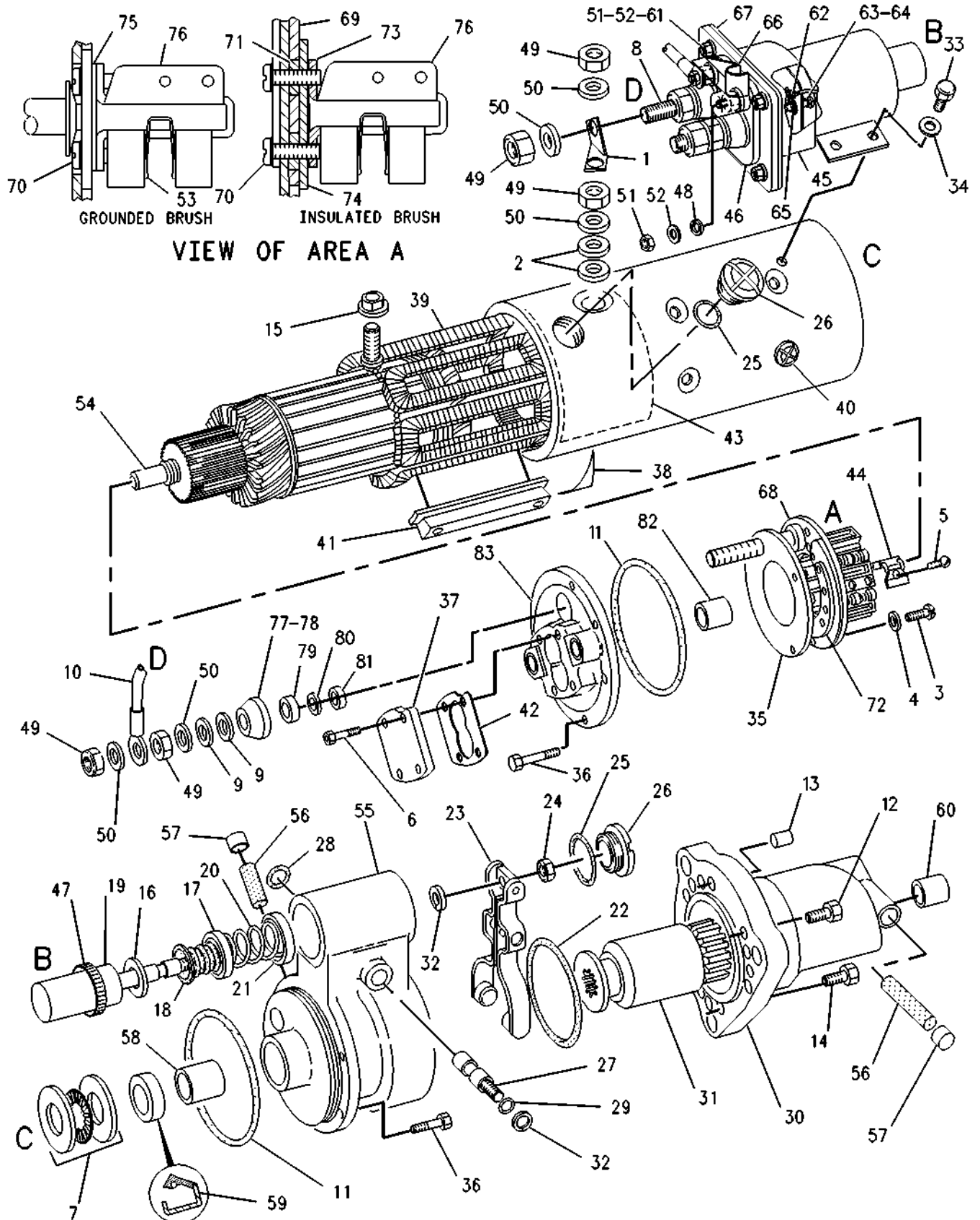
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	54	1	123-9776	1	ARMATURE AS-STARTING MOTOR	
	55	1	123-9773	1	HOUSING AS-STARTING MOTOR	
	56	1	3T-3424	2	PLUG-FELT	
	57	1	3T-3423	2	CUP	
	58	1	1M-9968	1	BUSHING	
	59	1	2F-6678	1	SEAL-LIP TYPE	
	60	1	4M-1896	1	BUSHING-TERMINAL	
	61	1	045-4065	4	SCREW-MACHINE (10-32X0.75 IN)	
	62	1	6V-8373	3	SCREW-MACHINE (6-32X0.187 IN)	
	63	1	9G-6770	1	CONTACT AS	
	64	1	6T-1120	1	BUSHING-TERMINAL	
	65	1	4M-1815	1	SPRING-CONTACT	
	66	1	125-6535	1	COVER-STARTING MOTOR	
	67	1	7T-9123	1	GASKET-PLATE	
	68	1	3T-9525	1	PLATE AS-BRUSH	
	69	1	6T-0371	1	INSULATOR	
	70	1	5P-6298	12	SCREW-MACHINE (10-32X0.5 IN)	
		1	9F-5599	12	LOCKWASHER	
	71	1	7F-3525	6	WASHER-BUSHING (.209X.39X.09MM THK)	
	72	1	6T-0372	1	PLATE (OUTSIDE)	
	73	1	3T-4709	3	PLATE (.51MM THK)	
	74	1	2L-6679	3	PLATE-INSULATOR	
	75	1	3T-4710	3	PLATE (1.6MM THK)	
	76	1	6T-0363	6	HOLDER AS-BRUSH (STARTING MOTOR)	
J	77	1	3N-3763	1	KIT-TERMINAL (STARTING MOTOR)	
JZ	78	1		1	BUSHING	
JZ	79	1		1	WASHER (0.38X0.88X0.02 IN THK)	
JZ	80	1		1	INSULATOR	
JZ	81	1		1	BUSHING	
	82	1	111-9866	1	KIT-STARTING MOTOR GEAR	
	83	1	147-0633	1	HOUSING AS	

J-KIT MARKED J INCLUDES PART(S) MARKED J
Z-NOT SERVICED SEPARATELY

ELECTRICAL AND STARTING SYSTEM

123-8686 STARTING MOTOR GP-ELECTRIC (contd.)

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GRAPHIC #1

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g00282910

ELECTRICAL AND STARTING SYSTEM

123-8689 STARTING MOTOR GP-PRELUB SYS

S/N: 7PZ1-UP

PART OF 163-1924 PRELUBRICATION AR-ENGINE

FIELD REPLACEMENT ORDER 123-8686-PAGE 365

AN ATTACHMENT

SMCS-1453

i01988681

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7M-0326	1	CONNECTOR	
	2	1	9H-3757	2	WASHER (0.516X1X0.094 IN THK)	
	3	1	1S-7446	3	SCREW-MACHINE (8-32X0.437 THD)	
	4	1	8C-9660	3	WASHER (4.6X7.9X0.8MM THK)	
	5	1	9S-2544	9	SCREW-HEX HEAD (8-32X11.13MM)	
	6	1	4L-7124	4	BOLT (1/4-20X1.25 IN)	
	7	1	117-0610	1	KIT-BEARING (STARTER BEARING) (INCLUDES WASHER & BEARING)	
	8	1	125-6536	1	TERMINAL AS	
	9	1	7F-3491	2	WASHER (0.516X1X0.094 IN THK)	
	10	1	3T-3422	1	WIRE AS	
	11	1	2J-8163	2	SEAL-O-RING	
	12	1	7X-3373	1	BOLT (5/16-18X0.88 IN)	
	13	1	3T-3434	6	PLUG	
	14	1	5J-5314	5	BOLT (5/16-18X1.5 IN)	
	15	1	3L-3380	1	BUSHING-TERMINAL	
	16	1	036-9821	1	WASHER	
	17	1	4M-1828	1	RETAINER-SPRING	
	18	1	4M-1829	1	BOOT-RUBBER	
	19	1	9M-7606	1	PLUNGER AS	
	20	1	9M-7609	1	SPRING	
	21	1	4M-1827	1	RETAINER-SPRING	
	22	1	8C-3089	1	SEAL-O-RING	
	23	1	4M-1853	1	LEVER AS-SHIFT	
	24	1	5M-3034	1	LOCKNUT	
	25	1	7L-2894	4	GASKET	
	26	1	4M-1831	4	PLUG-LEVER HOUSING	
	27	1	4M-1854	1	SHAFT-LEVER	
	28	1	1H-1023	1	SEAL-O-RING	
	29	1	2D-6392	1	SEAL-O-RING	
	30	1	3E-7768	1	HOUSING AS	
	31	1	6N-3826	1	DRIVE AS-MOTOR	
	32	1	2H-3429	2	RING-RETAINING	
	33	1	6V-1322	4	BOLT (1/4-20X0.375 IN)	
	34	1	8T-4205	4	WASHER-HARD (7.2X14.5X2MM THK)	
	35	1	6N-3279	1	INSULATOR	
	36	1	036-9823	13	BOLT	
	37	1	111-9862	1	COVER-STARTING MOTOR	
	38	1	1H-2629	3	STRIP-INSULATION	
	39	1	7M-0324	1	COIL AS-FIELD	
	40	1	3F-0379	12	SCREW-POLE SHOE (3/8-24 THD)	
	41	1	7F-3488	6	SHOE-POLE	
	42	1	111-9864	1	GASKET	
	43	1	7M-0325	1	INSULATOR	
	44	1	3T-9524	6	BRUSH AS (STARTING MOTOR)	
	45	1	125-6533	1	SOLENOID AS (STARTING MOTOR)	
		1	3R-8801	1	CLAMP	
	46	1	125-6537	1	INSULATOR	
	47	1	3R-8801	1	CLAMP	
	48	1	8F-1434	2	LOCKWASHER (INTERNAL TOOTH)	
	49	1	6V-8188	6	NUT (1/2-13 THD)	
	50	1	7X-0562	6	WASHER-HARD (13.5X19X0.8MM THK)	
	51	1	4B-2049	6	NUT (10-32 THD)	
	52	1	8T-0328	10	WASHER-HARD (5.5X10X1MM THK)	

ELECTRICAL AND STARTING SYSTEM

123-8689 STARTING MOTOR GP-PRELUB SYS (contd.)

i01988681

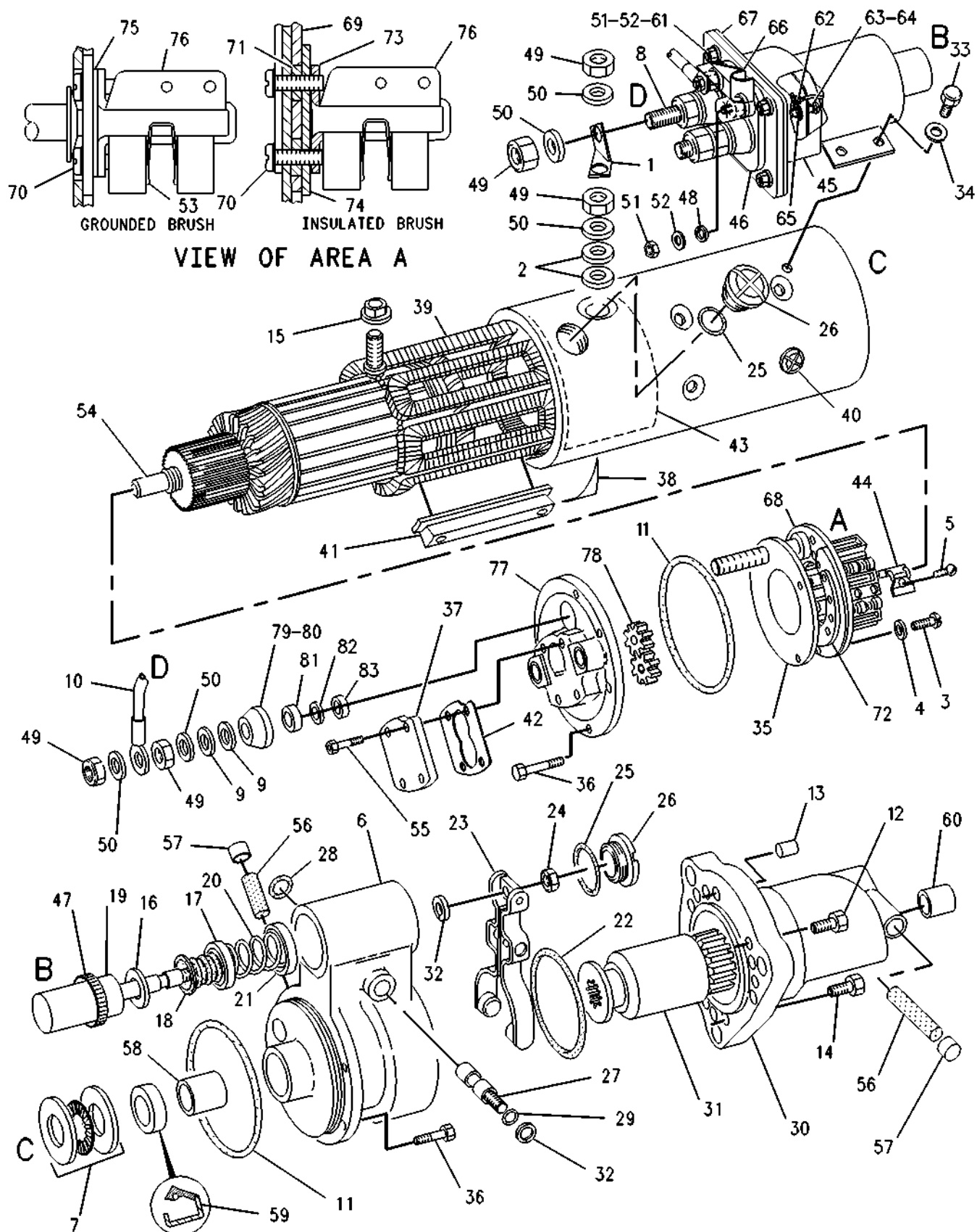
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	53	1	3T-9494	6	SPRING (STARTING MOTOR)						
	54	1	123-9776	1	ARMATURE AS-STARTING MOTOR						
	55	1	123-9773	1	HOUSING AS-STARTING MOTOR						
	56	1	3T-3424	2	PLUG-FELT						
	57	1	3T-3423	2	CUP						
	58	1	1M-9968	1	BUSHING						
	59	1	2F-6678	1	SEAL-LIP TYPE						
	60	1	4M-1896	1	BUSHING-TERMINAL						
	61	1	045-4065	4	SCREW-MACHINE (10-32X0.75 IN)						
	62	1	6V-8373	3	SCREW-MACHINE (6-32X0.187 IN)						
	63	1	9G-6770	1	CONTACT AS						
	64	1	6T-1120	1	BUSHING-TERMINAL						
	65	1	4M-1815	1	SPRING-CONTACT						
	66	1	125-6535	1	COVER-STARTING MOTOR						
	67	1	7T-9123	1	GASKET-PLATE						
	68	1	3T-9525	1	PLATE AS-BRUSH						
	69	1	6T-0371	1	INSULATOR						
	70	1	5P-6298	12	SCREW-MACHINE (10-32X0.5 IN)						
		1	9F-5599	12	LOCKWASHER						
	71	1	7F-3525	6	WASHER-BUSHING (.209X.39X.09MM THK)						
	72	1	6T-0372	1	PLATE (OUTSIDE)						
	73	1	3T-4709	3	PLATE (.51MM THK)						
	74	1	2L-6679	3	PLATE-INSULATOR						
	75	1	3T-4710	3	PLATE (1.6MM THK)						
	76	1	6T-0363	6	HOLDER AS-BRUSH (STARTING MOTOR)						
	77	1	147-0633	1	HOUSING AS						
	78	1	111-9866	1	KIT-STARTING MOTOR GEAR						
	79	1	3N-3763	1	KIT-TERMINAL (STARTING MOTOR)						
Z	80	1		1	BUSHING						
Z	81	1		1	WASHER (0.38X0.88X0.02 IN THK)						
Z	82	1		1	INSULATOR						
Z	83	1		1	BUSHING						

Z-NOT SERVICED SEPARATELY

ELECTRICAL AND STARTING SYSTEM

123-8689 STARTING MOTOR GP-PRELUB SYS (contd.)

101988681



GRAPHIC #1

<END>

g00284944

ELECTRICAL AND STARTING SYSTEM

164-7577 SWITCH GP-BYPASS-POWER TRAIN OIL

S/N: 7PZ1-UP

PART OF 156-9936 BATTERY & WIRING GP

SMCS-1408

i01903858

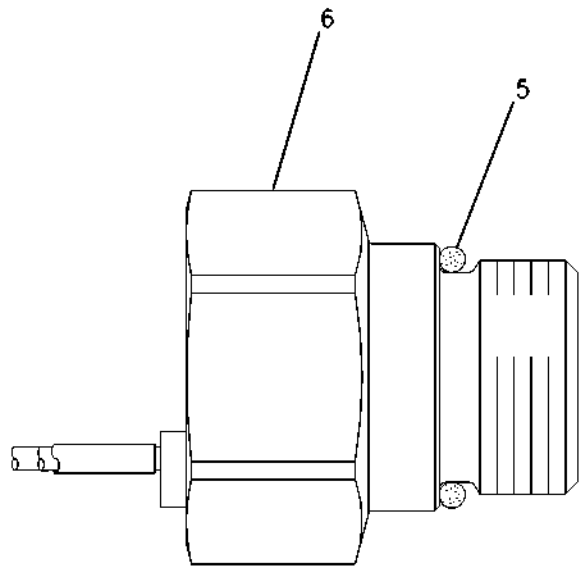
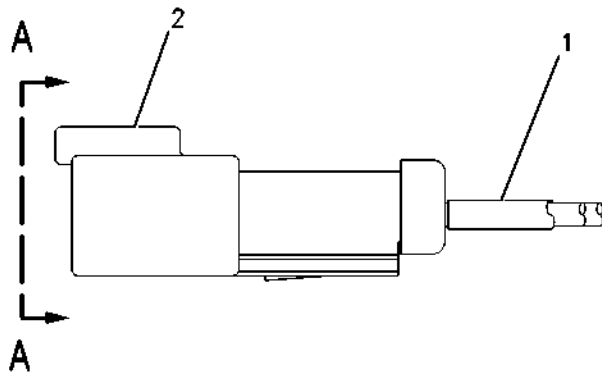
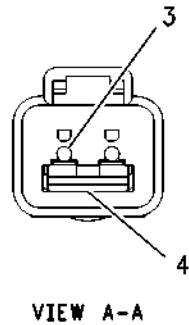
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	9X-1813		SLEEVE						
J	2	1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
	3	1	186-3735	2	PIN-CONNECTOR						
J	4	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
	5	1	3D-2824	1	SEAL-O-RING						
Z	6	1		1	SWITCH AS						

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER

J-KIT MARKED J INCLUDES PART(S) MARKED J

Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00750019

ELECTRICAL AND STARTING SYSTEM

7N-0719 SWITCH GP-DISCONNECT-BATTERY

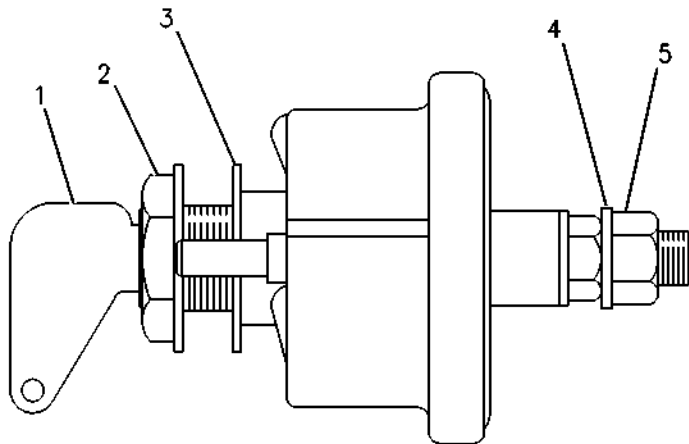
S/N: 7PZ1-UP

PART OF 156-9936 BATTERY & WIRING GP

SMCS-1411

i01289277

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8H-5306	1	KEY (BATTERY DISCONNECT)						
	2	1	8H-5303	1	NUT (3/4-16-2A THD)						
	3	1	2H-3922	2	LOCKWASHER (19.9X31.3X1.3MM THK)						
	4	1	9F-5644	2	LOCKWASHER (9.93X17.3X.9MM THK)						
	5	1	6F-7045	2	NUT-FULL (3/8X24 THD)						



GRAPHIC #1

<END>

g00117885

ELECTRICAL AND STARTING SYSTEM

171-8708 SWITCH GP-FLOW-ENGINE COOLANT

S/N: 2GR1180-UP

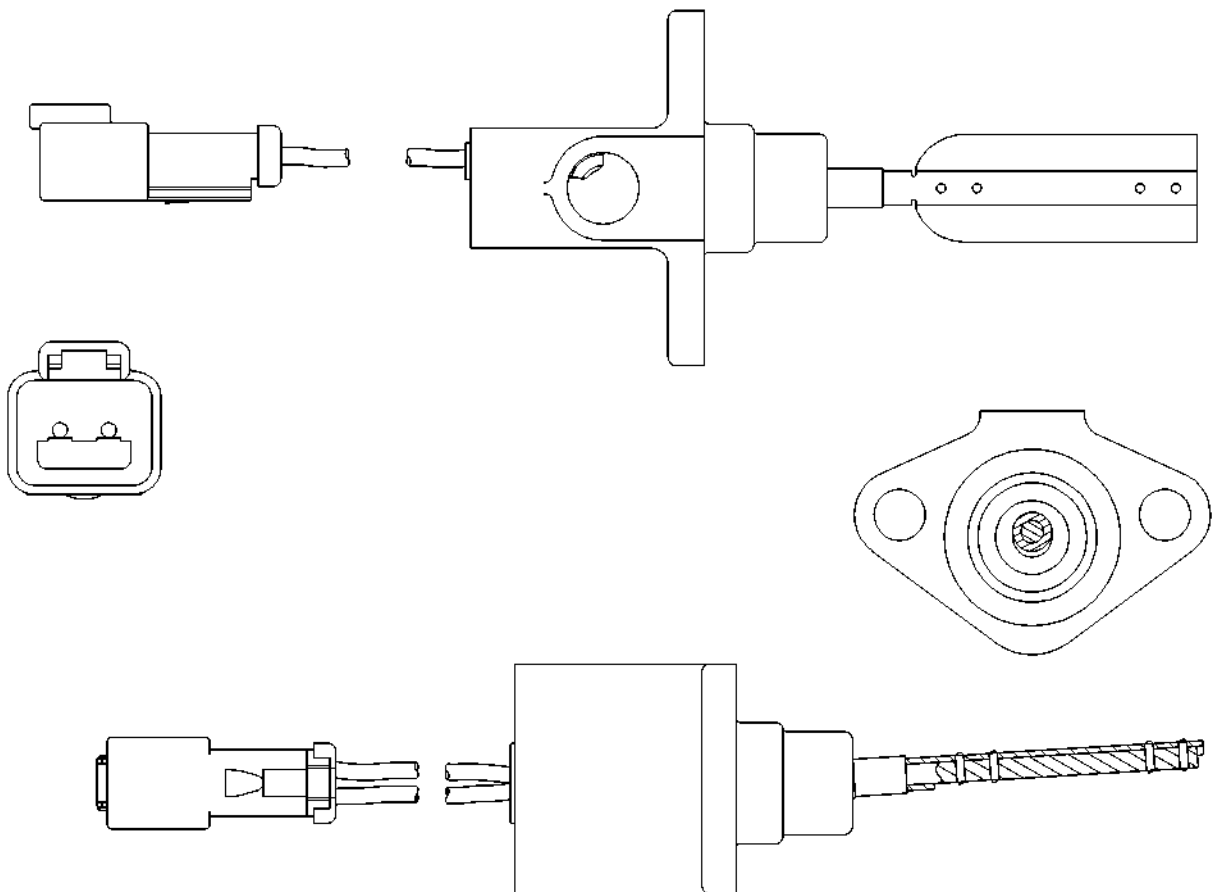
PART OF 156-9816 WIRING GP-ENGINE

SMCS-1435

i01582521

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	

(NO SERVICED PARTS)



GRAPHIC #1

<END>

g00613049

ELECTRICAL AND STARTING SYSTEM

3E-0154 SWITCH GP-MAGNETIC-ENGINE PRELUBRICATION

S/N: 7PZ1-UP

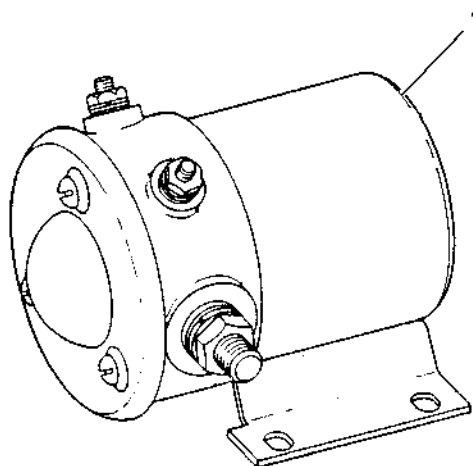
24-32 VOLT

PART OF 163-1924 PRELUBRICATION AR-ENGINE
AN ATTACHMENT

SMCS-7499

i01988684

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	142-3984	1	SWITCH GP-MAGNETIC (24-32V)	376
					-OR-	
Y		1	142-3985	1	SWITCH GP-MAGNETIC (24-32V)	377
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g00287482

ELECTRICAL AND STARTING SYSTEM

125-1302 SWITCH GP-MAGNETIC-STARTER RELAY

S/N: 7PZ1-UP

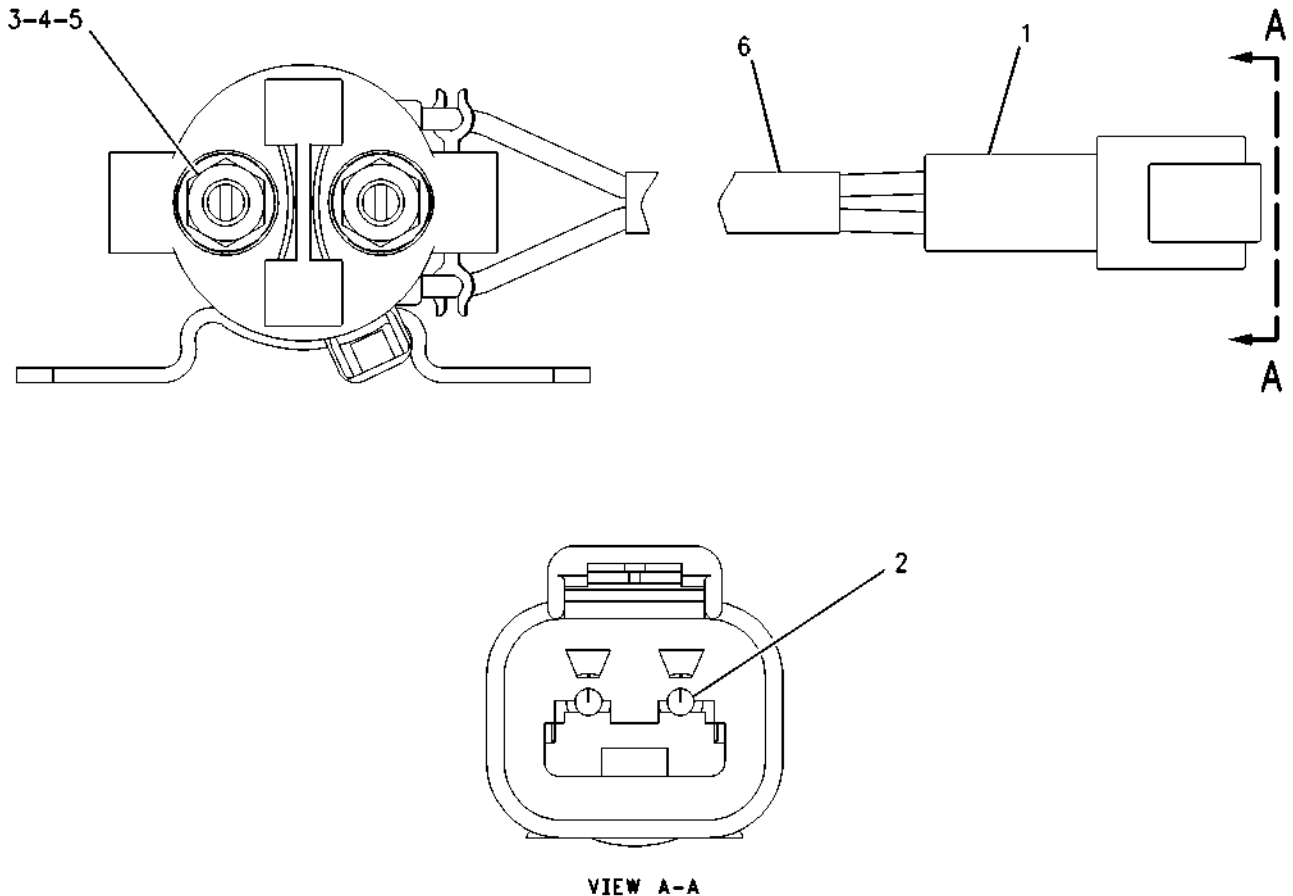
PART OF 167-7493 WIRING GP-CONSOLE
FOR USE WITH 24 VOLT DC NOMINAL SYSTEM VOLTAGE

SMCS-7499

i01914424

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	102-8802	1	KIT-RECEPTACLE (2 PIN) (MAGNETIC SWITCH) (INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	186-3735	2	PIN-CONNECTOR	
	3	1	1H-3338	2	LOCKWASHER	
	4	1	012-0380	2	LOCKWASHER	
M	5	1	5C-2890	2	NUT (M6X1 THD)	
BE	6	1	9X-1813		SLEEVE	

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g00988001

ELECTRICAL AND STARTING SYSTEM

142-3984 SWITCH GP-MAGNETIC-ENGINE PRELUBRICATION

S/N: 7PZ1-UP

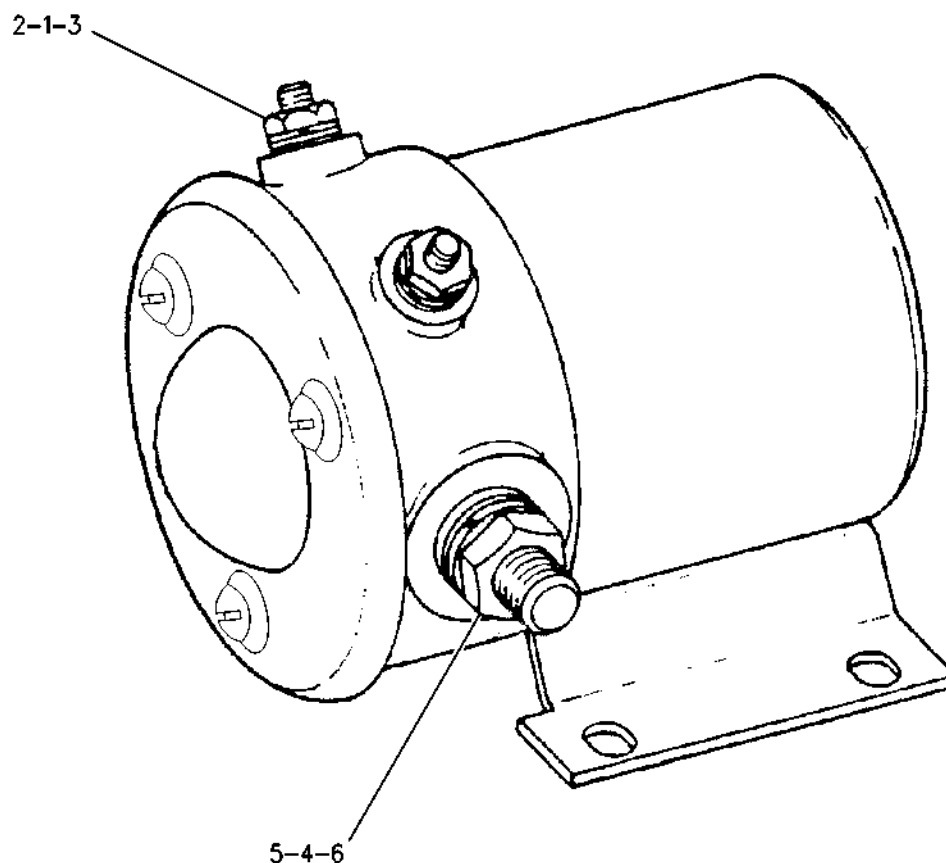
24-32 VOLT

PART OF 3E-0154 SWITCH GP-MAGNETIC
AN ATTACHMENT

SMCS-7499

i01663043

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8F-1434	2	LOCKWASHER						
	2	1	6V-8378	2	NUT (10-32 THD)						
	3	1	7X-0620	2	WASHER-HARD (5.5X13X1.6MM THK)						
	4	1	4D-1326	2	LOCKWASHER						
	5	1	1B-2578	2	NUT (3/8-16 THD)						
	6	1	4L-6499	2	WASHER (0.38X0.88X0.02 IN THK)						



GRAPHIC #1

<END>

g00639786

ELECTRICAL AND STARTING SYSTEM

142-3985 SWITCH GP-MAGNETIC-ENGINE PRELUBRICATION

S/N: 7PZ1-UP

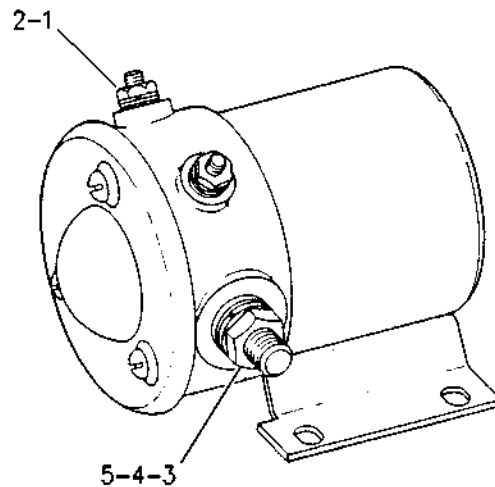
24-32 VOLT

PART OF 3E-0154 SWITCH GP-MAGNETIC
AN ATTACHMENT

SMCS-7499

i01663046

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8F-1434	2	LOCKWASHER						
	2	1	6V-8378	2	NUT (10-32 THD)						
	3	1	7X-0620	2	WASHER-HARD (5.5X13X1.6MM THK)						
	4	1	9F-5644	2	LOCKWASHER						
	5	1	1B-2578	2	NUT (3/8-16 THD)						



GRAPHIC #1

<END>

g00287483

ELECTRICAL AND STARTING SYSTEM

167-0138 SWITCH GP-MAGNETIC—MAIN RELAY

S/N: 7PZ1-UP

24 VOLT

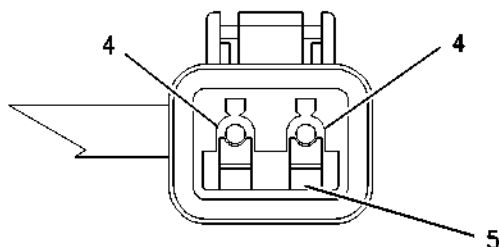
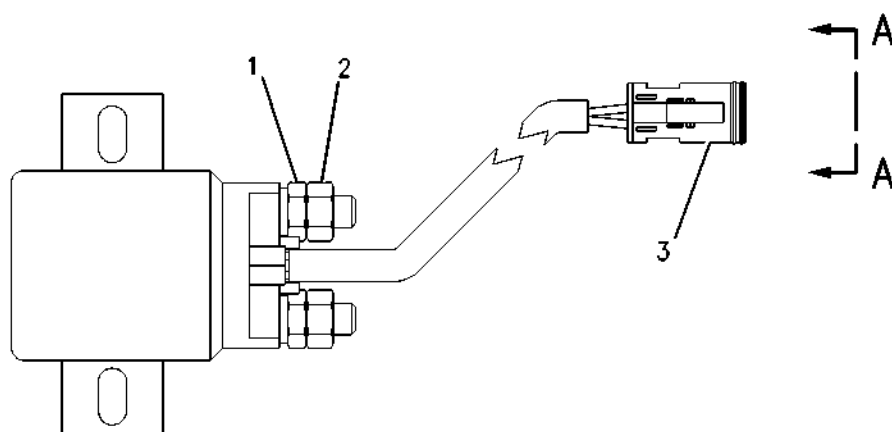
PART OF 167-7493 WIRING GP-CONSOLE

SMCS-7499

i02021591

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4F-2294	2	NUT-JAM (5/16-24-THD)						
	2	1	6V-8186	2	NUT-FULL (5/16-24-THD)						
J	3	1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
	4	1	186-3736	2	SOCKET-CONNECTOR						
J	5	1	155-2261	1	WEDGE-PLUG LOCK (2-PIN)						

J-KIT MARKED J INCLUDES PART(S) MARKED J



VIEW A-A

GRAPHIC #1

<END>

g00831588

ELECTRICAL AND STARTING SYSTEM

9G-7641 SWITCH GP-START-KEY

S/N: 7PZ1-UP

PART OF 156-9937 WIRING GP-PLATFORM

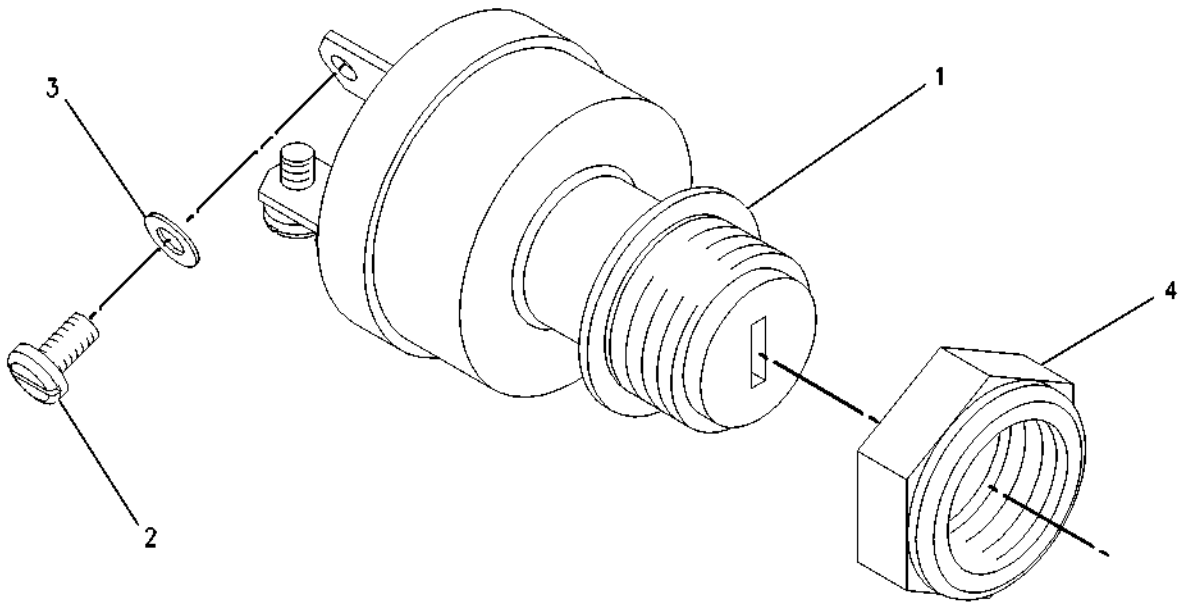
SMCS-1416

i01934582

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
JZ	1	1		1	LOCK AS-CYLINDER (IGNITION SWITCH)						
	2	1	6V-8362	4	SCREW-MACHINE (8-32X0.31 IN)						
	3	1	9B-7233	4	LOCKWASHER (4.37X8.39X.52MM THK)						
	4	1	7T-6799	1	NUT-MOUNTING (1-32 THD)						

J-REQUIRES 5P8500 KEY

Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00886885

ELECTRICAL AND STARTING SYSTEM

178-6363 THERMOCOUPLE GP

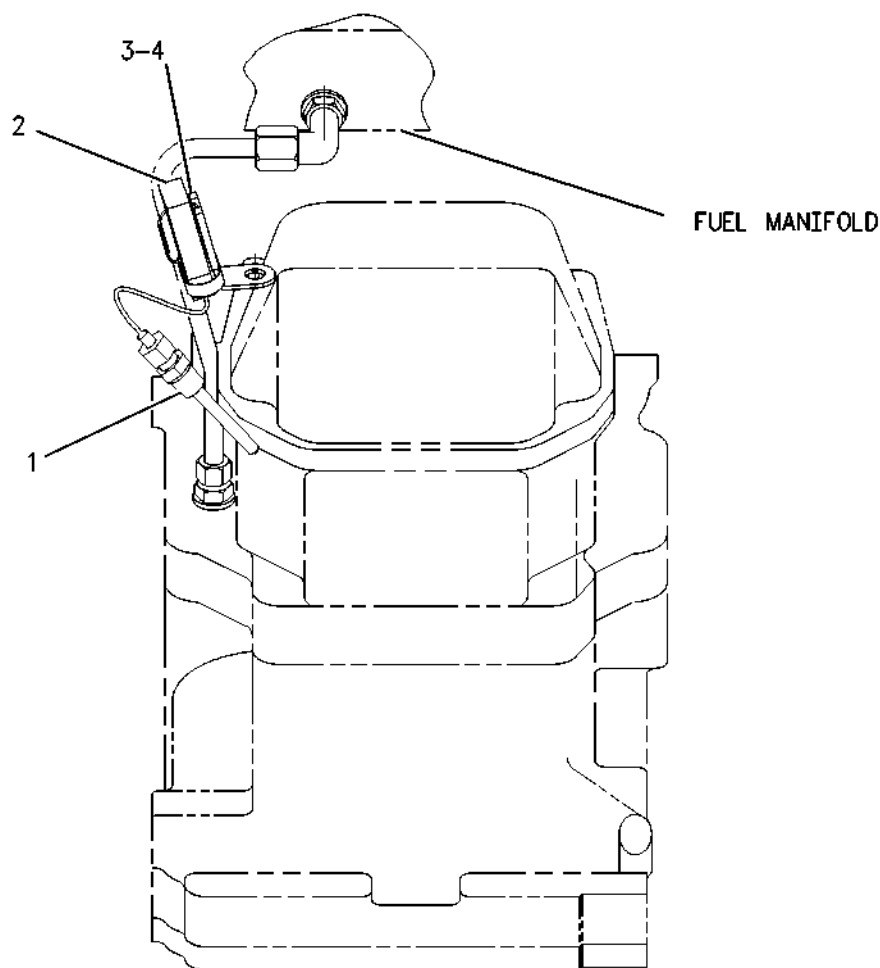
S/N: 2GR1180-3709

PART OF 155-5556 ENGINE AR

SMCS-7498

i01237466

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5N-2126	1	ADAPTER-EXHAUST (THERMOCOUPLE)						
	2	1	7E-6830	1	THERMOCOUPLE						
		1	100-8077	1	CAP AS						
	3	1	9X-6772	1	STRAP-CABLE						
	4	1	4P-8134	1	CLIP (10.5MM ID)						



GRAPHIC #1

<END>

g00662570

ELECTRICAL AND STARTING SYSTEM

123-6449 WARNING GP-BACKUP

S/N: 7PZ1-659, 661-UP

PART OF 156-9936 BATTERY & WIRING GP

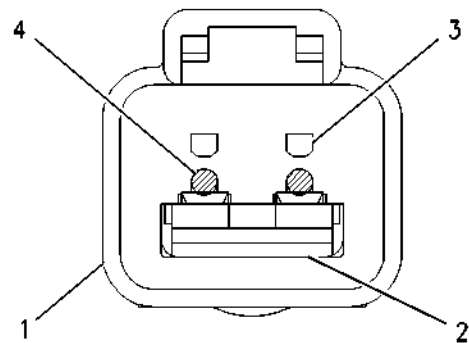
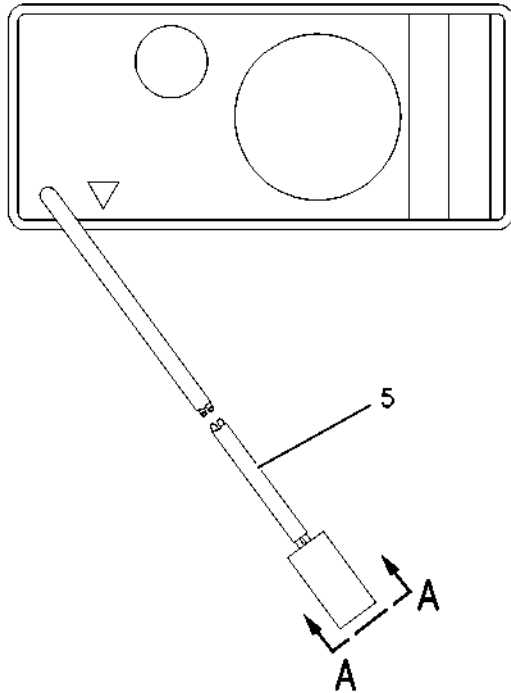
SMCS-7406

i01612351

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(KIT INCLUDES RECEPTACLE AS AND WEDGE)						
	2	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
	3	1	186-3735	2	PIN-CONNECTOR						
D	4	1	5P-5677		WIRE-ELECTRICAL (18 GA) (0.6M)						
E	5	1	9X-1813		SLEEVE (28CM)						

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1

<END>

g00677117

ELECTRICAL AND STARTING SYSTEM

167-7493 WIRING GP-CONSOLE

S/N: 7PZ1-UP

PART OF 156-9937 WIRING GP-PLATFORM

SMCS-1408

i02029611

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3T-2662	1	CIRCUIT BREAKER AS (15-AMPERE) (FRONT FLOODS)	
		1	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		1	9B-7233	2	LOCKWASHER (4.4X8.4X0.5-MM THK)	
	2	1	6T-3642	1	CIRCUIT BREAKER AS (10-AMPERE) (ELECTRONIC CLUTCH/BRAKE)	
		1	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		1	9B-7233	2	LOCKWASHER (4.4X8.4X0.5-MM THK)	
	3	1	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (ENGINE)	
		1	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		1	9B-7233	2	LOCKWASHER (4.4X8.4X0.5-MM THK)	
	4	1	8C-6354	1	CAP-RECEPTACLE	
BE		1	125-7875		TUBE-HEAT SHRINK	
BD		1	5P-5677		WIRE-ELECTRICAL (18-GA)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN) (INCLUDES PLUG AS & WEDGE)	
	5	1	6T-3642	1	CIRCUIT BREAKER AS (10-AMPERE) (START KEY)	
		1	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		1	9B-7233	2	LOCKWASHER (4.4X8.4X0.5-MM THK)	
Y	6	1	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY 1)	375
	7	1	128-6157	1	PLATE	
	8	1	128-8405	1	STRAP	
	9	1	155-1556	1	STRAP	
	10	1	155-1996	1	CLIP	
	11	1	155-1998	1	STUD	
	12	1	155-2001	1	RETAINER	
	13	1	159-2943	1	WIRE AS	
	14	1	159-4689	1	FILM-IDENTIFICATION (FUSE)	
	15	1	159-4696	1	FILM-IDENTIFICATION (FUSE)	
	16	1	159-4697	1	FILM-IDENTIFICATION (FUSE)	
	17	1	164-9980	1	FILM-IDENTIFICATION (FUSE PANEL)	
	18	1	166-7164	1	CIRCUIT BREAKER AS (125-AMPERE) (MAIN)	
		1	6V-8183	2	NUT-FULL (3/8-24-THD)	
		1	9F-5644	2	LOCKWASHER	
		1	7X-0608	2	WASHER-HARD (10.2X16X2.0-MM THK)	
Y	19	1	167-0138	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN RELAY)	378
	20	1	167-3830	1	PLATE AS	
	21	1	167-7499	1	BRACKET	
	22	1	168-0264	1	STRAP	
	23	1	168-0265	1	STRAP	
	24	1	168-0267	1	WIRE AS	
	25	1	168-0270	1	HARNESS AS (POWER)	
	26	1	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (IMPLEMENT)	
		1	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		1	9B-7233	2	LOCKWASHER (4.4X8.4X0.5-MM THK)	
Y	27	1	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY 2)	375
	28	1	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (BLOWER)	
		1	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		1	9B-7233	2	LOCKWASHER (4.4X8.4X0.5-MM THK)	
	29	1	033-8755	2	SCREW (1/4-20X1-IN)	
	30	1	068-4209	12	SCREW (8-32X0.75-IN)	
	31	1	2D-6235	2	LOCKNUT (1/4-20-THD)	
	32	1	9X-6258	2	SCREW-MACHINE (6-32X.50-IN)	
	33	1	3S-9557	4	SCREW-PAN HEAD (4-40X0.5-IN)	
	34	1	6V-5645	4	SCREW-MACHINE (10-32X0.87-IN)	
	35	1	6V-8185	6	NUT (1/4-20-THD)	
	36	1	8T-4205	6	WASHER-HARD (7.2X14.5X2-MM THK)	

ELECTRICAL AND STARTING SYSTEM

167-7493 WIRING GP-CONSOLE (contd.)

i02029611

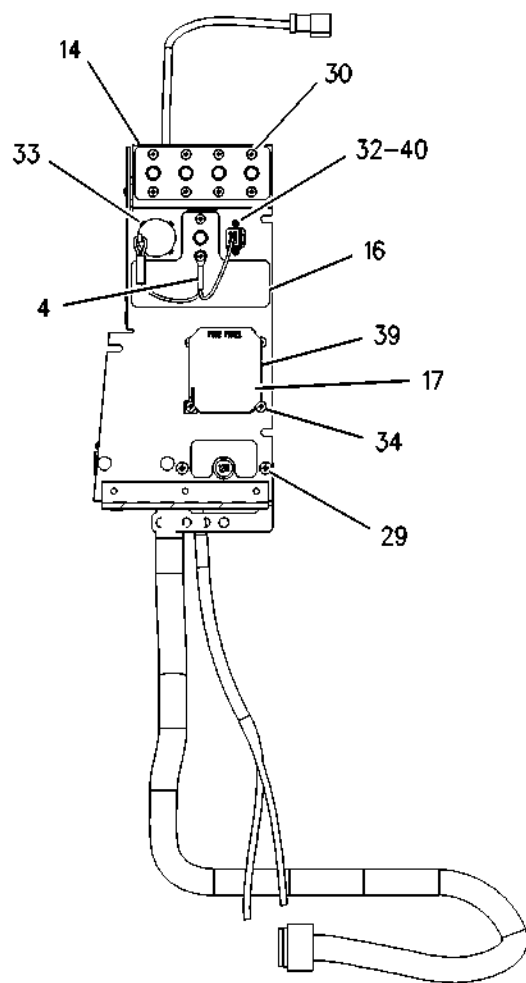
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	37	1	168-0275	1	FUSE BLOCK & HARNESS AS	
		1	168-0269	1	HARNESS AS-FUSE PANEL	
		1	9W-1441	3	FUSE (15-AMPERE)	
		1	9W-1442	10	FUSE (10-AMPERE)	
		1	9W-1446	3	FUSE (20-AMPERE)	
38		1	151-1396	1	BLOCK AS-FUSE (16 POLE)	
		1	151-1398	2	KIT-TERMINAL LOCK (FUSE BLOCK)	
		1	6V-8185	2	NUT (1/4-20-THD)	
		1	1H-3244	2	LOCKWASHER (6.64X11.91X.65-MM THK)	
39		1	151-1397	1	COVER-FUSE BLOCK	
40		1	7D-6922	2	LOCKNUT (6-32-THD)	

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

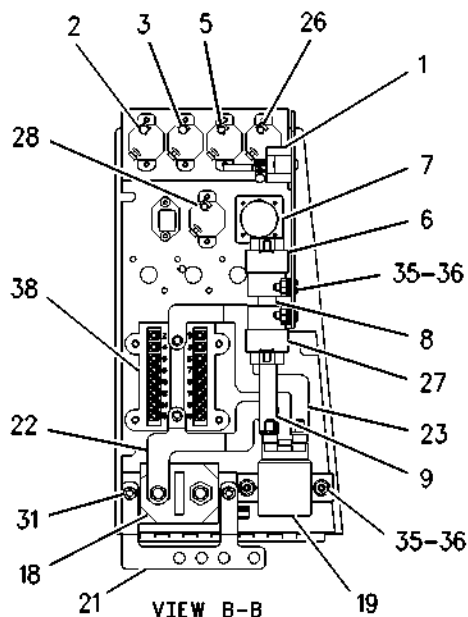
ELECTRICAL AND STARTING SYSTEM

167-7493 WIRING GP-CONSOLE (contd.)

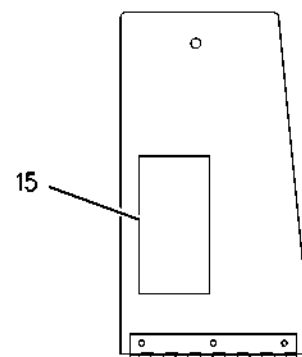
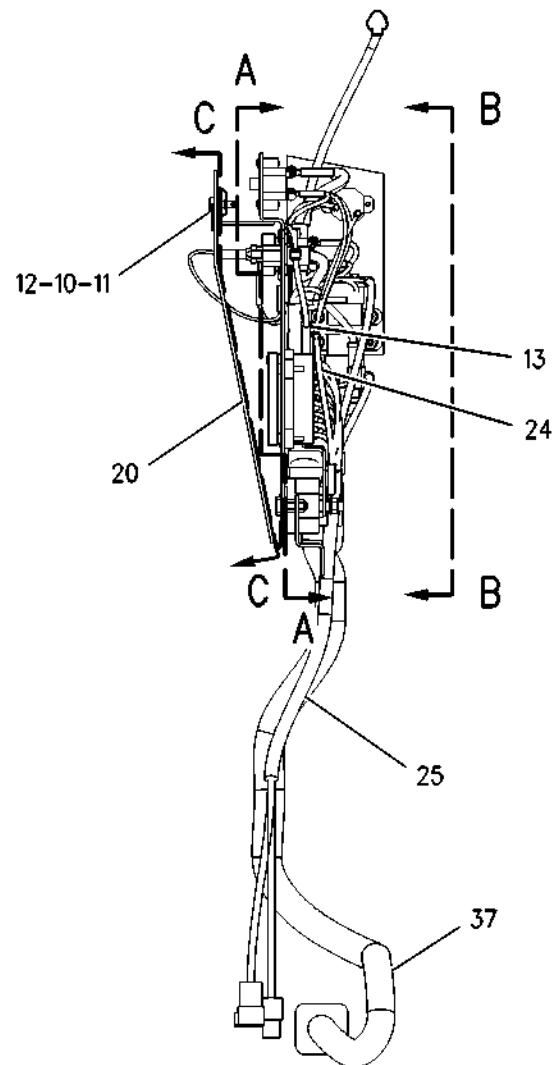
i02029611



SECTION A-A



VIEW B-B



SECTION C-C

GRAPHIC #1

<END>

g00760393

ELECTRICAL AND STARTING SYSTEM

156-9816 WIRING GP-ENGINE

S/N: 2GR1180-3296

PART OF 155-5556 ENGINE AR

SMCS-1403, 1408

i01563447

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	9X-6772	87	STRAP-CABLE	
	2	1,2	4P-8134	46	CLIP	
	3	1,2	4P-7428	8	CLIP	
	4	1,2	1A-2029	5	BOLT (3/8-16X1.125 IN)	
	5	2	4T-8338	1	PLATE	
	6	1,2	116-0118	3	CLIP	
	7	2	2V-3216	2	CLIP	
	8	1,2	5M-2894	27	WASHER-HARD (10.2X18.5X2.5MM THK)	
	9	1	117-0067	1	ELBOW	
	10	1	6V-5048	9	SEAL-O-RING	
Y	11	1	161-9929	1	SENSOR GP-PRESSURE (TURBO OUTLET)	340
	12	1	9X-0262	2	ADAPTER	
	13	1	117-0069	2	BLOCK-SENSOR MOUNTING	
	14	2	8T-6764	2	PLUG-PIPE	
	15	1,2	0S-1594	4	BOLT (3/8-16X1 IN)	
	16	1	001-9440	1	CONNECTOR-FLARED	
Y	17	1	161-9926	1	SENSOR GP-PRESSURE (CRANKCASE)	339
Y	17A	1	161-9926	1	SENSOR GP-PRESSURE (ATMOSPHERIC)	339
	18	1	9X-0263	1	ADAPTER	
	19	1	170-1127	1	HOSE AS	
Y	20	1	171-8708	1	SWITCH GP-FLOW (COOLANT)	373
	21	1	2B-2695	2	BOLT (5/16-18X0.875 IN)	
	22	1	9M-1974	2	WASHER-HARD (8.8X16X2MM THK)	
	23	1	4N-3841	1	GASKET	
	24	1	5P-8245	2	WASHER-HARD (13.5X25.5X3MM THK)	
	25	1	0S-1621	2	BOLT (1/2-13X1 IN)	
Y	26	1	161-9931	1	SENSOR GP-PRESSURE (FILTERED OIL)	341
	27	1	124-0289	2	CLIP	
	28	1	163-7882	1	SENSOR GP-EXHAUST TEMPERATURE (RH TURBO)	
	28A	1	163-7882	1	SENSOR GP-EXHAUST TEMPERATURE (LH TURBO)	
	29	1	144-5661	1	SWITCH AS-PRESSURE (FUEL FILTER DIFFERENTIAL)	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-3922	1	SEAL-O-RING	
		1	8T-8729	2	PIN-CONNECTOR	
E		1	9X-1813		SLEEVE (14CM)	
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE & RECEPTACLE AS)	
	30	1	4P-7581	9	CLIP	
	31	1	4B-4281	1	WASHER (16.8X33X2.5MM THK)	
	32	1	6V-2455	1	SENSOR GP-SPEED (TIMING CALIBRATION PROBE)	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)	
		1	8T-8729	2	PIN-CONNECTOR	
E		1	9X-1386		SLEEVE (14CM)	
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE & RECEPTACLE AS)	
	33	2	121-2844	1	HARNESS AS (CRANK WITHOUT INJECTION)	
	34	1,2	9S-8752	4	NUT-FULL (3/8-16 THD)	
	35	1,2	0S-0509	8	BOLT (3/8-16X0.75 IN)	
Y	36	1	129-6628	1	SENSOR GP-SPEED (TIMING)	346
	37	1	8L-2786	1	SEAL-O-RING	
	38	1	0S-1588	2	BOLT (3/8-16X1.25 IN)	
	39	1	8T-6767	2	PLUG-PIPE	
	40	1	7W-6492	1	PLUG-PIPE	
	41	1,2	3K-0360	2	SEAL-O-RING	
	42	1	102-2240	1	SENSOR GP-TEMPERATURE (COOLANT)	
		1	8T-8729	3	PIN-CONNECTOR	

ELECTRICAL AND STARTING SYSTEM

156-9816 WIRING GP-ENGINE (contd.)

i01563447

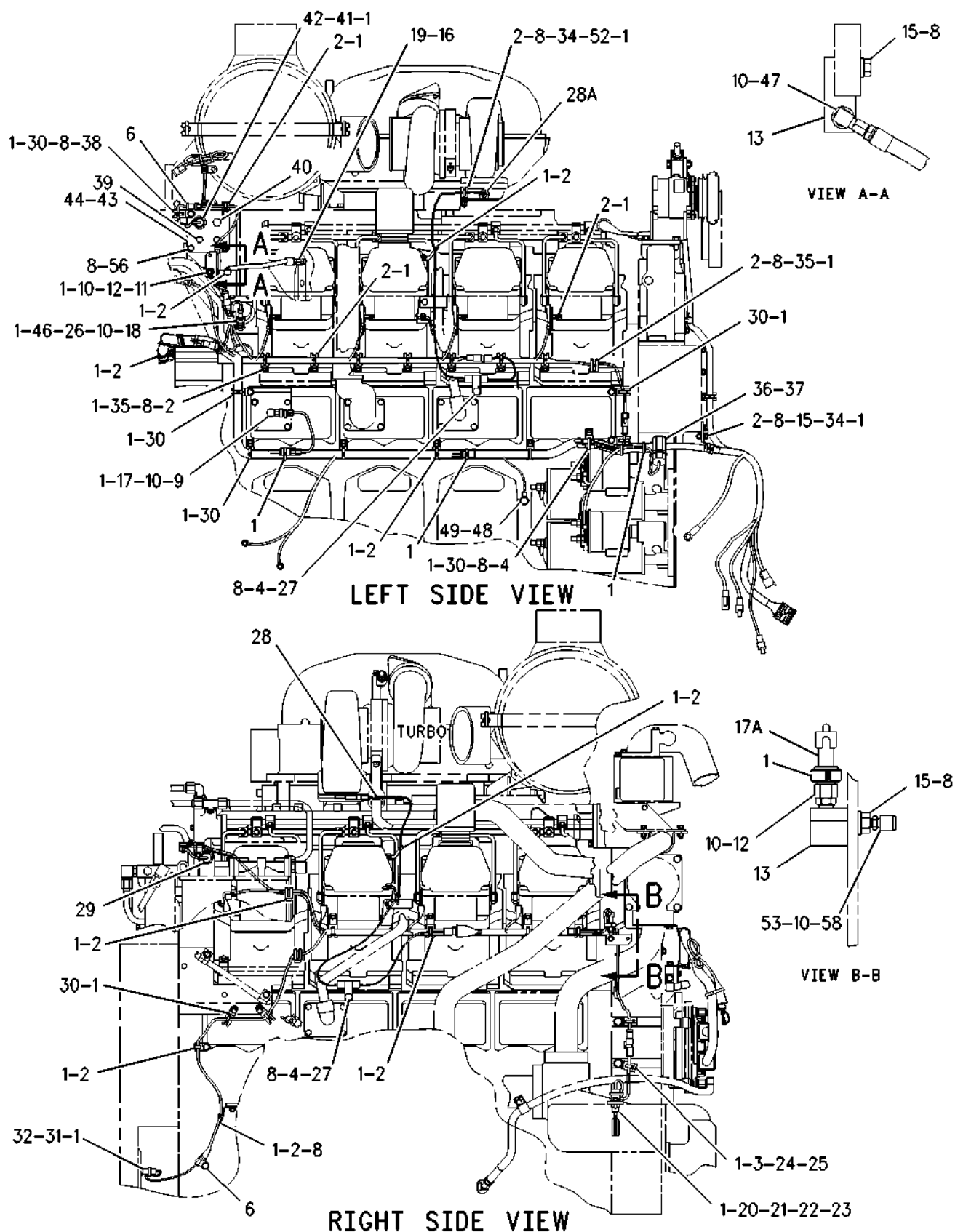
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						
		1	102-8803	1	KIT-RECEPTACLE (3 PIN)						
					(INCLUDES WEDGE & RECEPTACLE AS)						
42A		2	102-2240	1	SENSOR GP-TEMPERATURE						
					(AFTERCOOLER COOLANT OUTLET)						
		2	8T-8729	3	PIN-CONNECTOR						
		2	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						
		2	102-8803	1	KIT-RECEPTACLE (3 PIN)						
					(INCLUDES WEDGE & RECEPTACLE AS)						
43		1	7E-5326	1	COVER						
44		1	7E-6016	1	GASKET						
45		2	156-9841	1	HARNESS AS-WIRING						
46		1	8B-1931	1	BUSHING-REDUCING						
47		1	5P-3426	1	ELBOW						
48		1	0S-1620	1	BOLT (1/2-13X0.75 IN)						
49		1	3H-7654	1	WASHER-HARD (13.5X22.5X3MM THK)						
52		2	0L-1351	2	BOLT (3/8-16X0.875 IN)						
53		1	3K-6905	1	VALVE-BREATHER						
54		2	115-3069	2	CLIP AS-CONNECTOR						
56		1	0S-1591	2	BOLT (3/8-16X1.5 IN)						
58		1	5P-5528	1	ADAPTER-O-RING						

E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

156-9816 WIRING GP-ENGINE (contd.)

i01563447



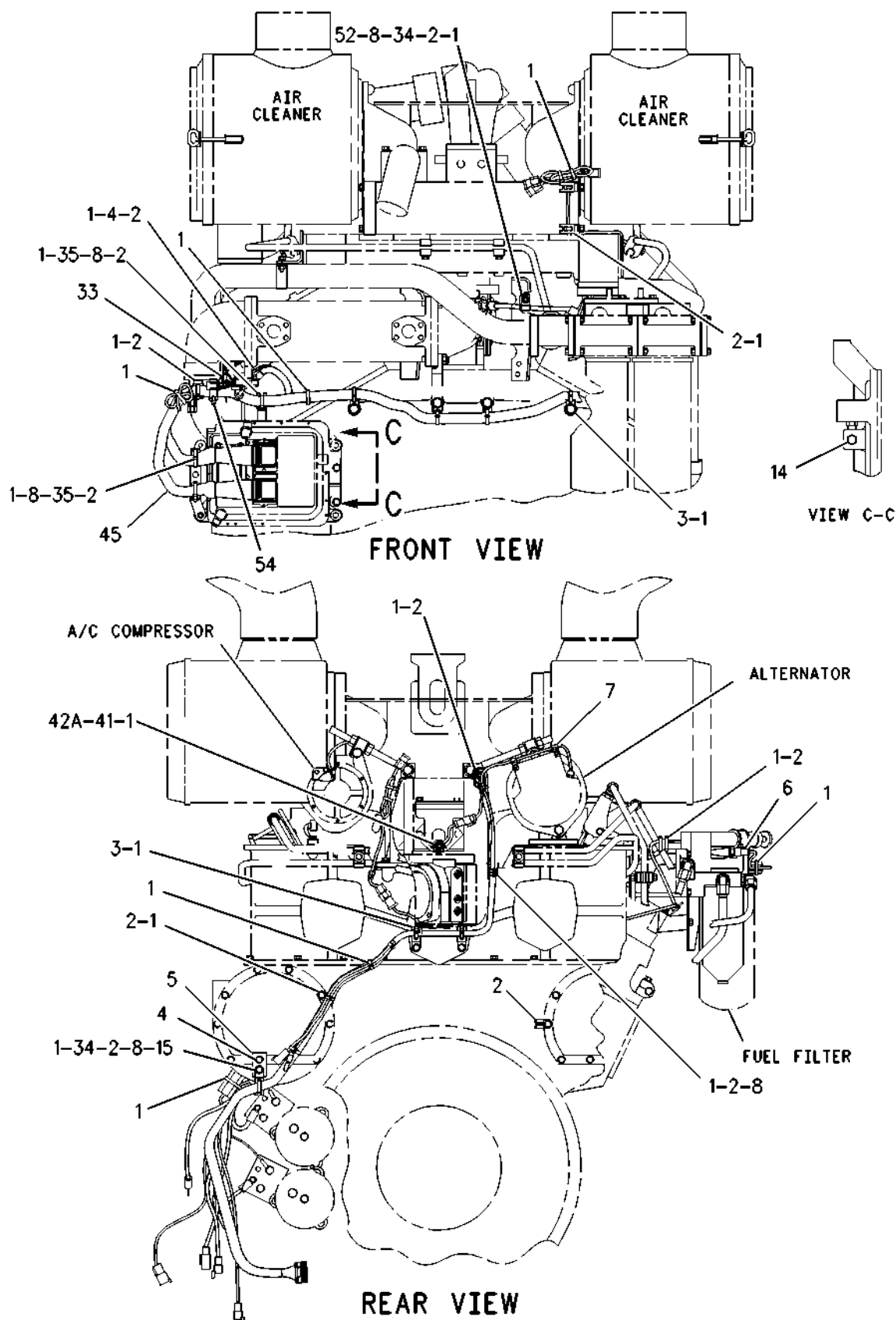
GRAPHIC #1

g00706913

ELECTRICAL AND STARTING SYSTEM

156-9816 WIRING GP-ENGINE (contd.)

i01563447



GRAPHIC #2

<END>

g00706918

ELECTRICAL AND STARTING SYSTEM

156-9816 WIRING GP-ENGINE

S/N: 2GR3297-3653

PART OF 155-5556 ENGINE AR

SMCS-1403, 1408

i01541085

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1,2	9X-6772	98	STRAP-CABLE	
C	2	1,2	4P-8134	48	CLIP	
C	3	1,2	4P-7428	5	CLIP	
	4	1,2	1A-2029	5	BOLT (3/8-16X1.125 IN)	
	5	2	4T-8338	1	PLATE	
C	6	1	116-0118	1	CLIP	
C	7	2	4P-7429	3	CLIP	
	8	1,2	5M-2894	27	WASHER-HARD (10.2X18.5X2.5MM THK)	
	9	1	117-0067	1	ELBOW	
	10	1	6V-5048	9	SEAL-O-RING	
CY	11	1	194-6724	1	SENSOR GP-PRESSURE (TURBO OUTLET)	343
	12	1	9X-0262	2	ADAPTER	
	13	1	117-0069	2	BLOCK-SENSOR MOUNTING	
	14	2	8T-6764	2	PLUG-PIPE	
	15	1,2	0S-1594	4	BOLT (3/8-16X1 IN)	
	16	1	001-9440	1	CONNECTOR-FLARED	
Y	17	1	161-9926	1	SENSOR GP-PRESSURE (CRANKCASE)	339
Y	17A	1	161-9926	1	SENSOR GP-PRESSURE (ATMOSPHERIC)	339
	18	1	9X-0263	1	ADAPTER	
	19	1	170-1127	1	HOSE AS	
Y	20	1	171-8708	1	SWITCH GP-FLOW (COOLANT)	373
	21	1	2B-2695	2	BOLT (5/16-18X0.875 IN)	
	22	1	9M-1974	2	WASHER-HARD (8.8X16X2MM THK)	
	23	1	4N-3841	1	GASKET	
	24	1	5P-8245	2	WASHER-HARD (13.5X25.5X3MM THK)	
	25	1	0S-1621	2	BOLT (1/2-13X1 IN)	
Y	26	1	161-9931	1	SENSOR GP-PRESSURE (FILTERED OIL)	341
	27	1	124-0289	2	CLIP	
	28	1	163-7882	1	SENSOR GP-EXHAUST TEMPERATURE (RH TURBO)	
	28A	1	163-7882	1	SENSOR GP-EXHAUST TEMPERATURE (LH TURBO)	
	29	1	144-5661	1	SWITCH AS-PRESSURE (FUEL FILTER DIFFERENTIAL)	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-3922	1	SEAL-O-RING	
		1	8T-8729	2	PIN-CONNECTOR	
E		1	9X-1813		SLEEVE (14CM)	
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE & RECEPTACLE AS)	
C	30	1	4P-7581	11	CLIP	
	31	1	4B-4281	1	WASHER (16.8X33X2.5MM THK)	
C	32	1	189-5746	1	SENSOR GP-SPEED (TIMING CALIBRATION PROBE)	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)	
		1	8T-8729	2	PIN-CONNECTOR	
E		1	9X-1386		SLEEVE (14CM)	
		1	171-5349	1	STRAP-MARKER	
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE & RECEPTACLE AS)	
	33	2	121-2844	1	HARNESS AS (CRANK WITHOUT INJECTION)	
C	34	1,2	9S-8752	3	NUT-FULL (3/8-16 THD)	
	35	1,2	0S-0509	8	BOLT (3/8-16X0.75 IN)	
Y	36	1	129-6628	1	SENSOR GP-SPEED (TIMING)	346
	37	1	8L-2786	1	SEAL-O-RING	
	38	1	0S-1588	2	BOLT (3/8-16X1.25 IN)	
	39	1	8T-6767	2	PLUG-PIPE	
	40	1	7W-6492	1	PLUG-PIPE	
	41	1,2	3K-0360	2	SEAL-O-RING	
	42	1	102-2240	1	SENSOR GP-TEMPERATURE (COOLANT)	

ELECTRICAL AND STARTING SYSTEM

156-9816 WIRING GP-ENGINE (contd.)

i01541085

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	8T-8729	3	PIN-CONNECTOR						
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						
		1	102-8803	1	KIT-RECEPTACLE (3 PIN)						
					(INCLUDES WEDGE & RECEPTACLE AS)						
42A	2		102-2240	1	SENSOR GP-TEMPERATURE						
					(AFTERCOOLER COOLANT OUTLET)						
	2		8T-8729	3	PIN-CONNECTOR						
	2		3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						
	2		102-8803	1	KIT-RECEPTACLE (3 PIN)						
					(INCLUDES WEDGE & RECEPTACLE AS)						
43	1		7E-5326	1	COVER						
44	1		7E-6016	1	GASKET						
45	2		156-9841	1	HARNESS AS-WIRING						
46	1		8B-1931	1	BUSHING-REDUCING						
47	1		5P-3426	1	ELBOW						
48	1		0S-1620	1	BOLT (1/2-13X0.75 IN)						
49	1		3H-7654	1	WASHER-HARD (13.5X22.5X3MM THK)						
C	50	1	0T-0102	2	BOLT (3/8-16X0.625 IN)						
C	52	2	0L-1351	1	BOLT (3/8-16X0.875 IN)						
	53	1	3K-6905	1	VALVE-BREATHER						
	54	2	115-3069	2	CLIP AS-CONNECTOR						
	56	1	0S-1591	2	BOLT (3/8-16X1.5 IN)						
	58	1	5P-5528	1	ADAPTER-O-RING						

C-CHANGE FROM PREVIOUS TYPE

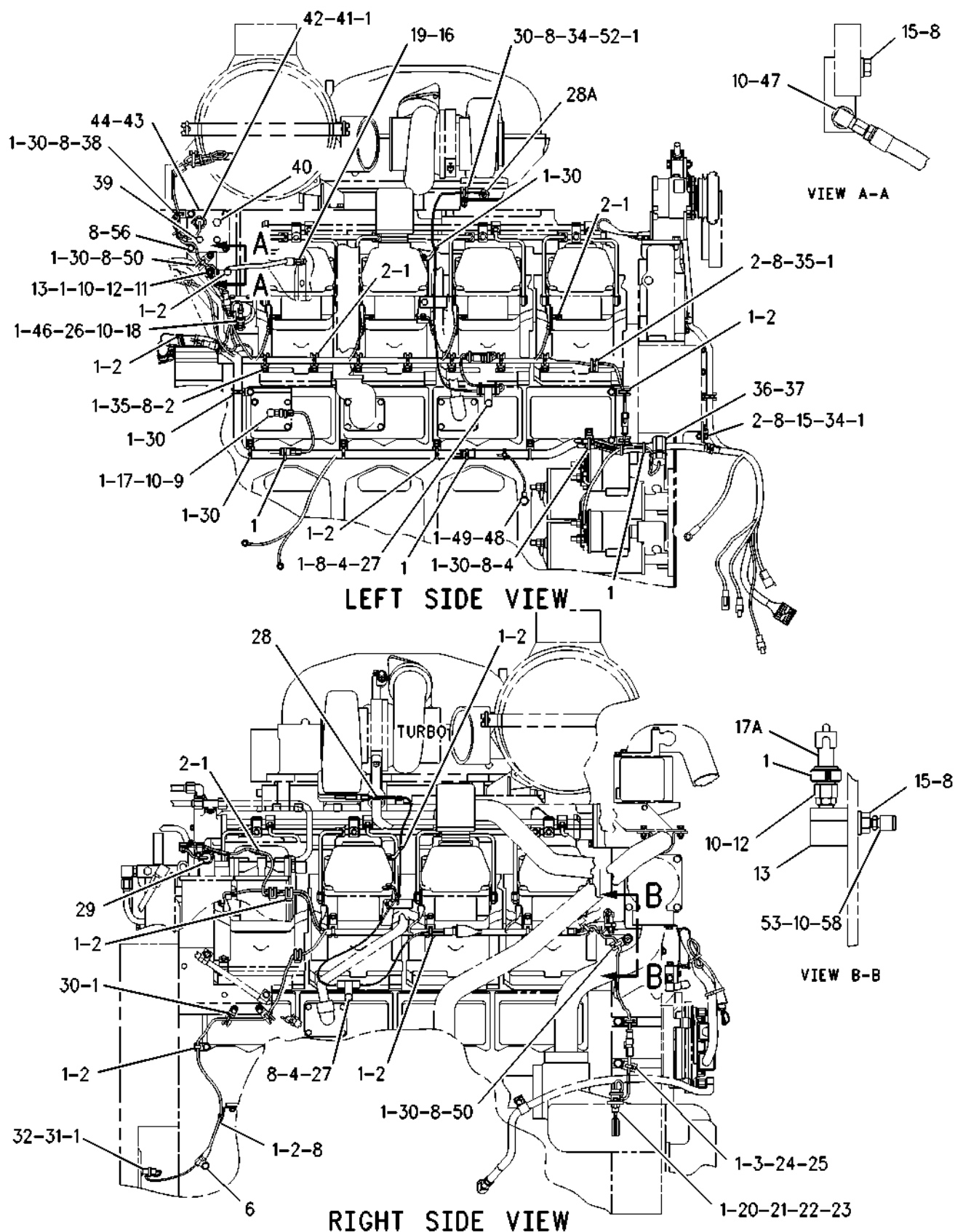
E-ORDER BY THE CENTIMETER

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

156-9816 WIRING GP-ENGINE (contd.)

i01541085



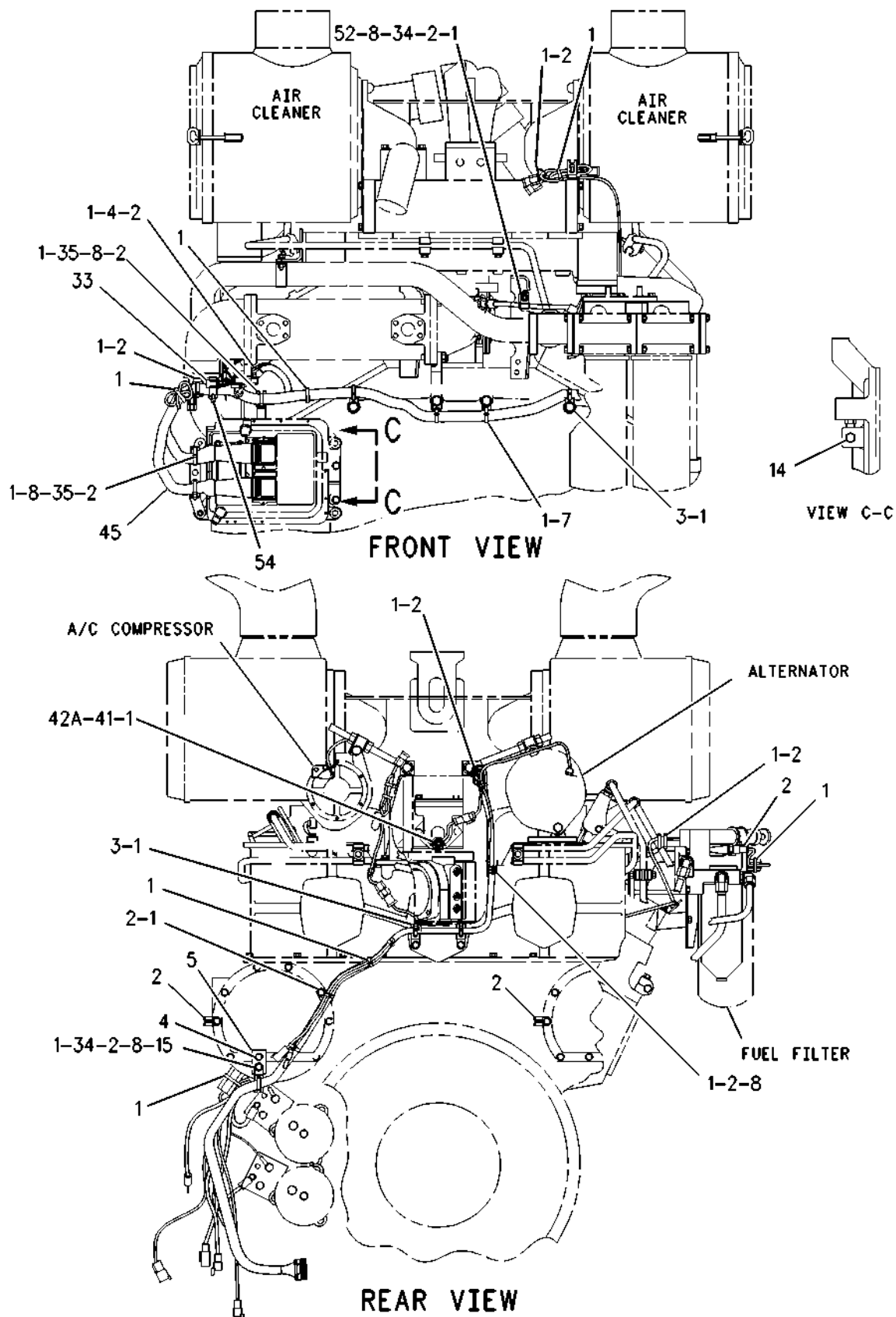
GRAPHIC #1

g00800850

ELECTRICAL AND STARTING SYSTEM

156-9816 WIRING GP-ENGINE (contd.)

i01541085



GRAPHIC #2

<END>

g00800883

ELECTRICAL AND STARTING SYSTEM

156-9816 WIRING GP-ENGINE

S/N: 2GR3654-UP

PART OF 155-5556 ENGINE AR

SMCS-1403, 1408

i01969693

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	9X-6772	100	STRAP-CABLE	
	2	1,2	4P-8134	49	CLIP	
	3	1,2	4P-7428	5	CLIP	
	4	1,2	1A-2029	5	BOLT (3/8-16X1.125 IN)	
	5	2	4T-8338	1	PLATE	
	6	1	116-0118	1	CLIP	
	7	2	4P-7429	3	CLIP	
	8	1,2	5M-2894	29	WASHER-HARD (10.2X18.5X2.5MM THK)	
	9	1	117-0067	1	ELBOW	
	10	1	6V-5048	9	SEAL-O-RING	
Y	11	1	194-6724	1	SENSOR GP-PRESSURE (TURBO OUTLET)	343
	12	1	9X-0262	2	ADAPTER	
	13	1	117-0069	2	BLOCK-SENSOR MOUNTING (TURBOCHARGER BOOST)	
	14	2	8T-6764	2	PLUG-PIPE	
	15	1,2	0S-1594	5	BOLT (3/8-16X1 IN)	
	16	1	001-9440	1	CONNECTOR	
Y	17	1	161-9926	1	SENSOR GP-PRESSURE (CRANKCASE)	339
Y	17A	1	161-9926	1	SENSOR GP-PRESSURE (ATMOSPHERIC)	339
	18	1	9X-0263	1	ADAPTER	
	19	1	170-1127	1	HOSE AS	
Y	20	1	171-8708	1	SWITCH GP-FLOW (COOLANT)	373
	21	1	2B-2695	2	BOLT (5/16-18X0.875 IN)	
	22	1	9M-1974	2	WASHER-HARD (8.8X16X2MM THK)	
	23	1	4N-3841	1	GASKET	
	24	1	5P-8245	2	WASHER-HARD (13.5X25.5X3MM THK)	
	25	1	0S-1621	2	BOLT (1/2-13X1 IN)	
CY	26	1	194-6725	1	SENSOR GP-PRESSURE (FILTERED OIL)	344
	27	1	124-0289	2	CLIP	
	28	1	163-7882	1	SENSOR GP-EXHAUST TEMPERATURE (RH TURBO)	
	28A	1	163-7882	1	SENSOR GP-EXHAUST TEMPERATURE (LH TURBO)	
	29	1	144-5661	1	SWITCH AS-PRESSURE (FUEL FILTER DIFFERENTIAL)	
E		1	9X-1813		SLEEVE (14CM)	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-3922	1	SEAL-O-RING	
		1	8T-8729	2	PIN-CONNECTOR	
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE AND RECEPTACLE AS)	
	30	1	4P-7581	11	CLIP	
	31	1	4B-4281	1	WASHER (16.8X33X2.5MM THK)	
Y	32	1	189-5746	1	SENSOR GP-SPEED (TIMING CALIBRATION PROBE)	347
	33	2	121-2844	1	HARNESS AS-WIRING (CRANK WITHOUT INJECTION)	
	34	1,2	9S-8752	4	NUT-FULL (3/8-16 THD)	
	35	1,2	0S-0509	8	BOLT (3/8-16X0.75 IN)	
Y	36	1	129-6628	1	SENSOR GP-SPEED (TIMING)	346
	37	1	8L-2786	1	SEAL-O-RING	
	38	1	0S-1588	2	BOLT (3/8-16X1.25 IN)	
	39	1	8T-6767	2	PLUG-PIPE	
	40	1	7W-6492	1	PLUG-PIPE	
	41	1,2	3K-0360	2	SEAL-O-RING	
	42	1	102-2240	1	SENSOR GP-TEMPERATURE (COOLANT)	
E		1	9X-1813		SLEEVE (31CM)	
		1	186-3735	3	PIN-CONNECTOR	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES WEDGE AND RECEPTACLE AS)	

ELECTRICAL AND STARTING SYSTEM

156-9816 WIRING GP-ENGINE (contd.)

i01969693

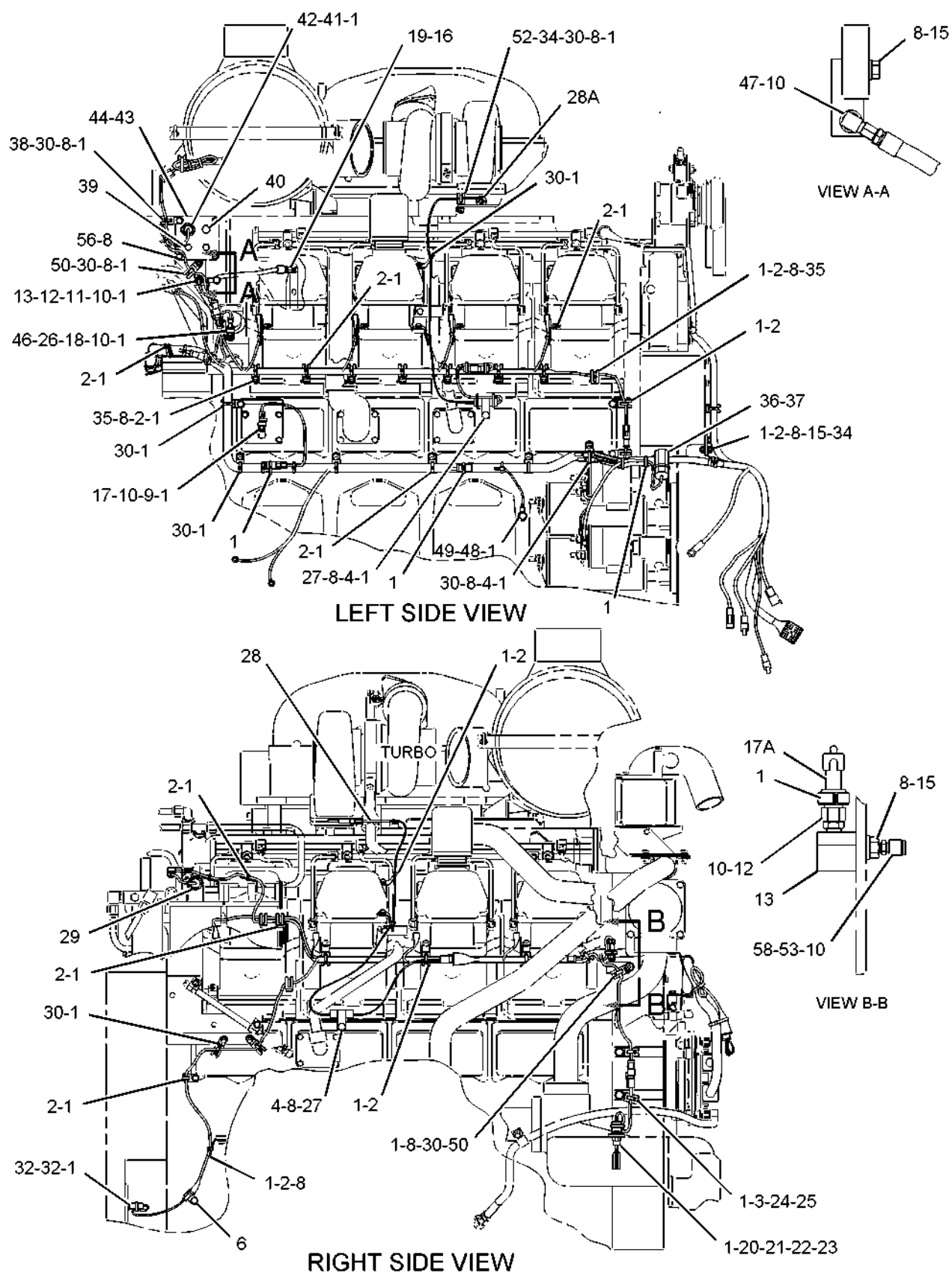
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	42A	2	102-2240	1	SENSOR GP-TEMPERATURE (AFTERCOOLER COOLANT OUTLET)	
E		2	9X-1813		SLEEVE (31CM)	
		2	186-3735	3	PIN-CONNECTOR	
		2	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)	
		2	102-8803	1	KIT-RECEPTACLE (3 PIN) (INCLUDES WEDGE AND RECEPTACLE AS)	
	43	1	7E-5326	1	COVER	
	44	1	7E-6016	1	GASKET	
	45	2	156-9841	1	HARNESS AS-WIRING	
	46	1	8B-1931	1	BUSHING-REDUCING	
	47	1	5P-3426	1	ELBOW	
	48	1	0S-1620	1	BOLT (1/2-13X0.75 IN)	
	49	1	3H-7654	1	WASHER-HARD (13.5X22.5X3MM THK)	
	50	1	0T-0102	2	BOLT (3/8-16X0.625 IN)	
	51	2	107-8618	1	SENSOR GP-TEMPERATURE (INLET AIR)	
E		2	112-4550		SLEEVE (31CM)	
		2	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)	
		2	186-3735	3	PIN-CONNECTOR	
		2	102-8803	1	KIT-RECEPTACLE (3 PIN) (INCLUDES PLUG AS AND WEDGE)	
	52	1	0L-1351	1	BOLT (3/8-16X0.875 IN)	
	53	1	3K-6905	1	VALVE-BREATHER	
	54	2	115-3069	2	CLIP AS-CONNECTOR (3 PIN)	
	55	2	164-0241	1	SLEEVE	
	56	1	0S-1591	2	BOLT (3/8-16X1.5 IN)	
	58	1	5P-5528	1	ADAPTER-O-RING	
	59	2	6V-6609	1	SEAL-O-RING	
	60	1	5P-9085	1	CLIP	

C-CHANGE FROM PREVIOUS TYPE
E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

156-9816 WIRING GP-ENGINE (contd.)

i01969693



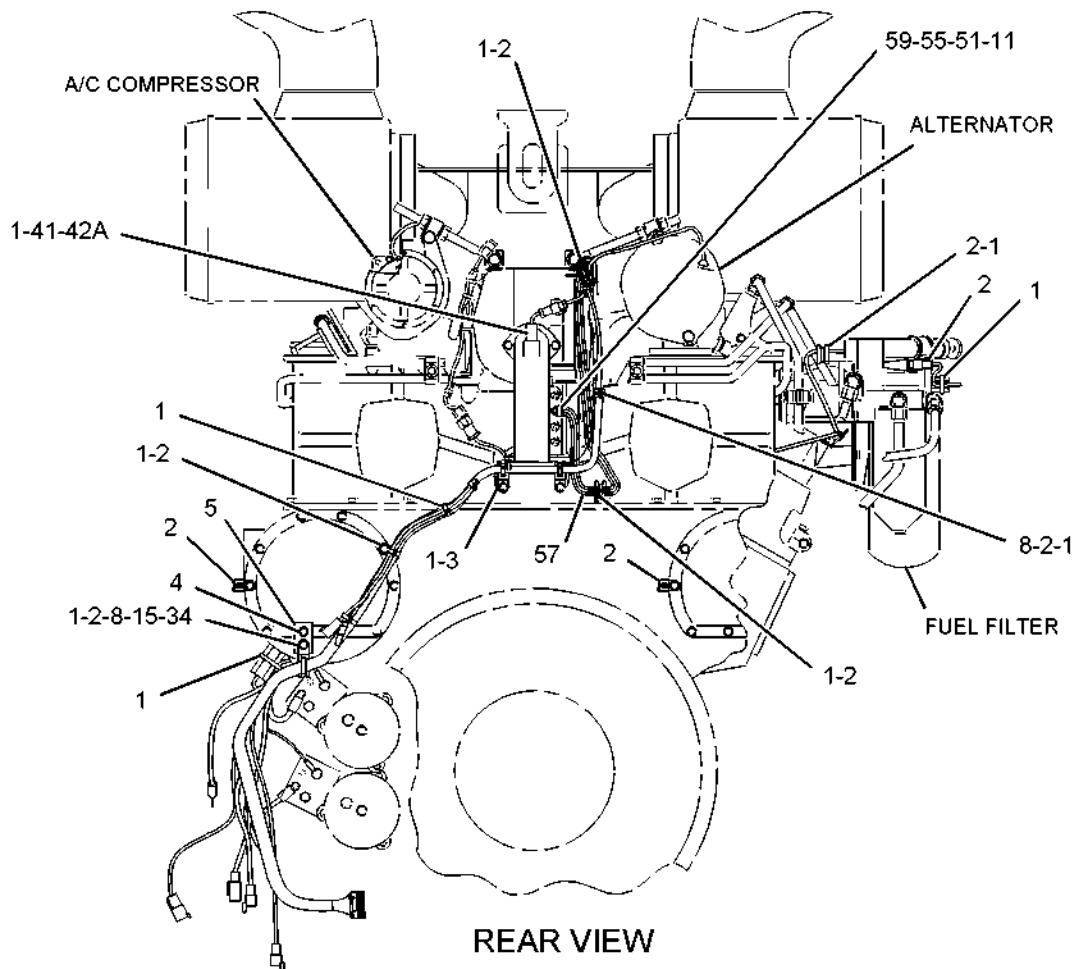
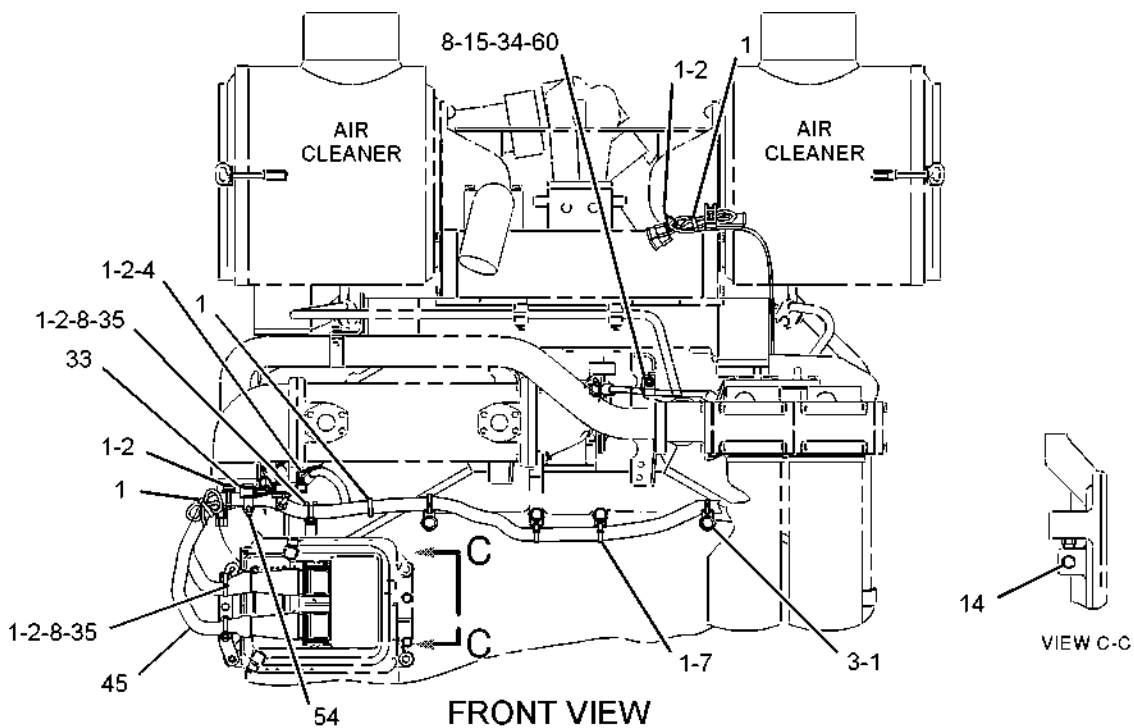
GRAPHIC #1

g01021868

ELECTRICAL AND STARTING SYSTEM

156-9816 WIRING GP-ENGINE (contd.)

101969693



<END>

GRAPHIC #2

g01021865

ELECTRICAL AND STARTING SYSTEM

156-9937 WIRING GP-PLATFORM

S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

SMCS-1408

i02029598

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	3E-6328	1	ALARM GP (24-VOLT)	240
	2	1	6T-3990	1	SWITCH AS-ROCKER (SIDE LIGHTS)	
	3	1	6T-3990	1	SWITCH AS-ROCKER (AUXILIARY) (EACH SWITCH AS INCLUDES)	
		1	3L-8187	2	LOCKWASHER	
		1	6V-8374	2	SCREW-MACHINE (6-32X0.25-IN)	
	4	1	6T-5814	1	SWITCH AS (FRONT LIGHTS)	
	5	1	6T-5814	1	SWITCH AS (REAR LIGHTS) (EACH SWITCH AS INCLUDES)	
		1	3L-8187	4	LOCKWASHER	
		1	6V-8374	4	SCREW-MACHINE (6-32X0.25-IN)	
	6	1	6V-8927	10	BOLT-SOCKET HEAD (6-32X0.5-IN)	
	7	1	7N-1996	1	LAMP (24-VOLT) (REAR FAULT)	
	8	1	7N-5876	4	LAMP (24-VOLT) (INSTRUMENT PANEL)	
	9	1	9G-3695	11	PLUG (GROMMET SEALING)	
Y	10	1	9G-7641	1	SWITCH GP-START (KEY)	379
Y	11	1	103-5526	1	CONTROL GP-MONITOR SYS DIMMER	1028
	12	1	122-2738	1	RETAINER	
	13	1	125-4490	1	CLIP	
	14	1	137-3937	1	FILM-IDENTIFICATION (MALFUNCTION)	
	15	1	189-2319	1	SEAL	
	16	1	116-4502	1	SWITCH AS-ROCKER (24-VOLT, SEALED-ILLUMINATED) (IMPLEMENT LOCKOUT)	
		1	116-4503	1	SWITCH AS-ROCKER (24-VOLT) (IMPLEMENT LOCKOUT)	
		1	116-4501	1	ACTUATOR-ROCKER	
		1	3E-8825	1	LAMP (24-VOLT) (IMPLEMENT LOCKOUT)	
	17	1	148-0334	1	GROMMET-SPLIT	
	18	1	6T-7058	1	LENS-RED	
BD	19	1	5P-5901		SEAL	
	20	1	158-6632	1	SWITCH AS-HORN	
		1	2H-3922	1	LOCKWASHER	
		1	6V-8370	1	NUT-HEX (3/4-32-THD)	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		1	7T-9515	1	KNOB-HORN	
		1	3B-4501	1	LOCKWASHER (4.4X5.8X1-MM THK)	
		1	5L-7200	1	SCREW (8-32X0.375-IN)	
		1	9X-0199	1	BOOT-SWITCH	
		1	9X-3401	2	PIN-CONNECTOR	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	21	1	209-0381	1	CONVERTER-POWER (24-VOLT TO 12-VOLT) (10 AMPS)	
	22	1	159-3449	1	SOCKET AS (12-VOLT POWER OUTLET)	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		1	8T-8729	2	PIN-CONNECTOR	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	23	1	239-2404	1	HARNESS AS (RH CONSOLE)	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1	102-8805	2	KIT-RECEPTACLE (6-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	110-6845	2	PLUG AS-CONNECTOR (40-PIN)	
		1	9G-3695	224	PLUG (GROMMET SEALING)	
		1	113-0581	1	RECEPTACLE AS	

ELECTRICAL AND STARTING SYSTEM

156-9937 WIRING GP-PLATFORM (contd.)

i02029598

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	147-1445	1	PLUG AS-CONNECTOR (70-PIN)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2265	2	KIT-CONNECTING PLUG (8-PIN)						
		1	155-2260	4	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	5	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS & WEDGE)						
		1	160-7689	2	PLUG AS-CONNECTOR (70-PIN)						
		1	160-7690	1	PLUG AS-CONNECTOR (70-PIN)						
24		1	160-0637	1	HARNESS AS (PEDESTAL)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		1	102-8807	1	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS & WEDGE)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	110-6845	1	PLUG AS-CONNECTOR (40-PIN)						
		1	110-6846	1	PLUG AS-CONNECTOR (40-PIN)						
		1	9G-3695	33	PLUG (GROMMET SEALING)						
		1	113-0581	1	RECEPTACLE AS						
		1	113-0580	3	RECEPTACLE AS (40-PIN)						
		1	113-0582	1	RECEPTACLE AS (40-PIN)						
		1	155-2260	3	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS & WEDGE)						
25		1	160-0638	1	HARNESS AS (DASH)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2271	4	KIT-CONNECTING PLUG (4-PIN)						
		1	155-2274	3	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS & WEDGE)						
		1	110-6845	1	PLUG AS-CONNECTOR (40-PIN)						
		1	3T-3159	5	SPRING						
		1	3T-3278	5	BOOT						
		1	9G-3695	5	PLUG (GROMMET SEALING)						
26		1	187-5177	1	HARNESS AS (RH CONSOLE COVER)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		1	9G-3695	6	PLUG (GROMMET SEALING)						
		1	113-0580	1	RECEPTACLE AS (40-PIN)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		1	180-0050	2	KIT-PLUG (4-PIN)						
					(EACH INCLUDES PLUG AS & WEDGE)						
Y	27	1	167-7493	1	WIRING GP-CONSOLE						382
	28	1	169-4254	1	CABLE AS						
E		1	159-8047		CABLE-ELECTRICAL (00-GA, RED) (68 CM)						
		1	170-3793	2	RING-TERMINAL						
		1	1S-4915	2	LINER (CONDUIT)						
BE		1	5P-0695		CONDUIT						
BE		1	8T-2225		TUBE-HEAT SHRINK						
	29	1	169-4255	1	CABLE AS						
E		1	159-8047		CABLE-ELECTRICAL (00-GA, RED) (73 CM)						
		1	170-3793	1	RING-TERMINAL (3/8 IN. OR M10 FASTENER)						
		1	170-3795	1	RING-TERMINAL (1/2 IN. OR M12 FASTENER)						
		1	1S-4915	2	LINER (CONDUIT)						

ELECTRICAL AND STARTING SYSTEM

156-9937 WIRING GP-PLATFORM (contd.)

i02029598

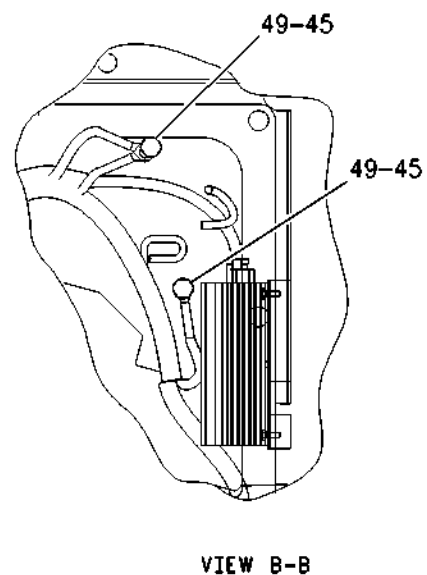
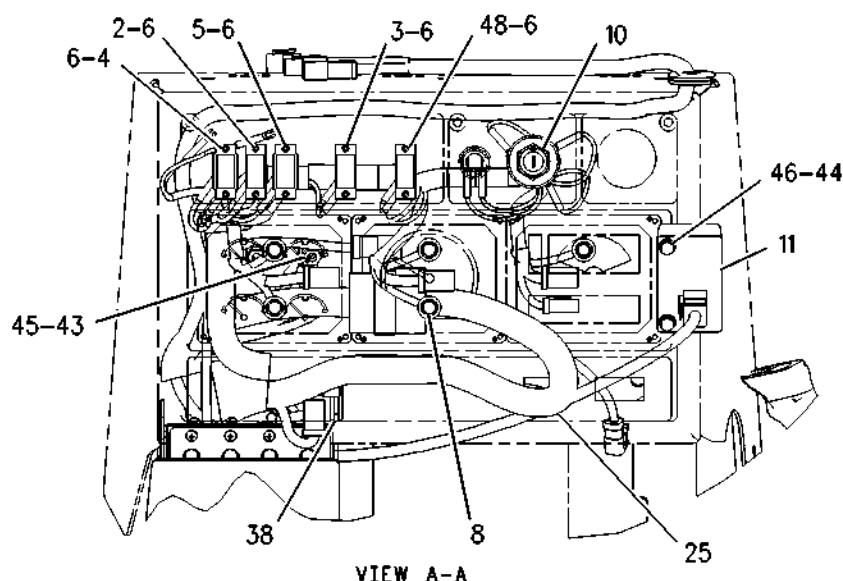
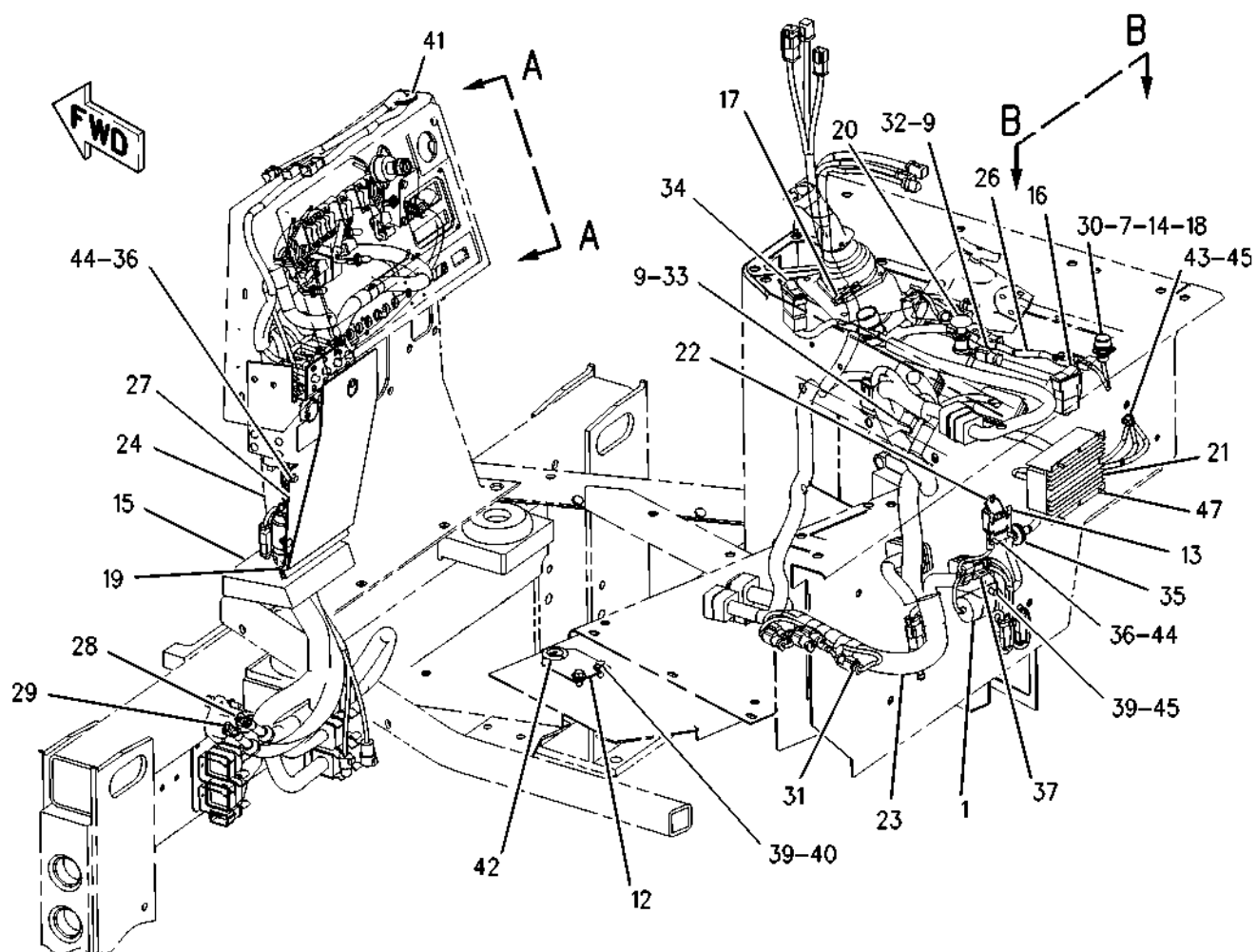
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE		1	5P-0695		CONDUIT						
BE		1	8T-2225		TUBE-HEAT SHRINK						
	30	1	170-3461	1	BASE AS-LIGHT						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
		1	8T-8729	2	PIN-CONNECTOR						
BD		1	5P-5623	2	WIRE (16-GA)						
BD		1	6V-2689		TUBE-HEAT SHRINK						
BE		1	9X-1813		SLEEVE						
	31	1	173-6623	1	WIRE AS						
	32	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	33	1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	34	1	3E-9044	1	SWITCH AS-ROCKER (24-VOLT, SEALED-ILLUMINATED)						
		1	105-9149	1	SWITCH AS (24-VOLT, ILLUMINATED)						
					(THROTTLE CONTROL)						
		1	6V-1748	1	ACTUATOR-ROCKER						
		1	3E-8825	2	LAMP (24-VOLT) (THROTTLE CONTROL)						
	35	1	3P-3839	1	GROMMET						
	36	1	4M-5281	5	BOLT (1/4-20X0.75-IN)						
	37	1	4P-8134	1	CLIP						
	38	1	5F-9757	1	GROMMET						
	39	1	5M-3062	3	BOLT (3/8-16X0.75-IN)						
	40	1	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)						
	41	1	5P-6264	1	GROMMET						
	42	1	6P-6641	1	GROMMET						
	43	1	6V-8801	2	NUT (3/8-16-THD)						
	44	1	8T-4205	7	WASHER-HARD (7.2X14.5X2-MM THK)						
	45	1	8T-4896	5	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	46	1	8T-9367	2	BOLT (1/4-20X2-IN)						
	47	1	9X-2498	4	SCREW-HEX FLANGE (10-24X0.5-IN)						
	48	1	6T-6066	1	SWITCH GP-ROCKER (START AID)						
		1	3L-8187	2	LOCKWASHER						
		1	6V-8374	2	SCREW-MACHINE (6-32X0.25-IN)						
M	49	1	8T-4191	2	BOLT (M10X1.5X16-MM)						
BF			7K-1181	35	STRAP-CABLE						
BF			1S-9593	10	STRAP-CABLE						
BF			9X-6772	10	STRAP-CABLE						
BF			3S-2093	10	STRAP-CABLE						
F			131-3916	1	PLUG AS						
					(CODE PLUG FOR FINGER TIP CONTROL CONSOLE HARNESS)						
F			102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
F			3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
BDF			5P-5677		WIRE-ELECTRICAL (18-GA)						
F			8T-8729	2	PIN-CONNECTOR						
F			8T-8737	4	PLUG-SEAL						

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
F-NOT SHOWN
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

156-9937 WIRING GP-PLATFORM (contd.)

102029598



GRAPHIC #1

<END>

g00939839

POWER TRAIN

134-6035 AXLE GP-POWER TRAIN

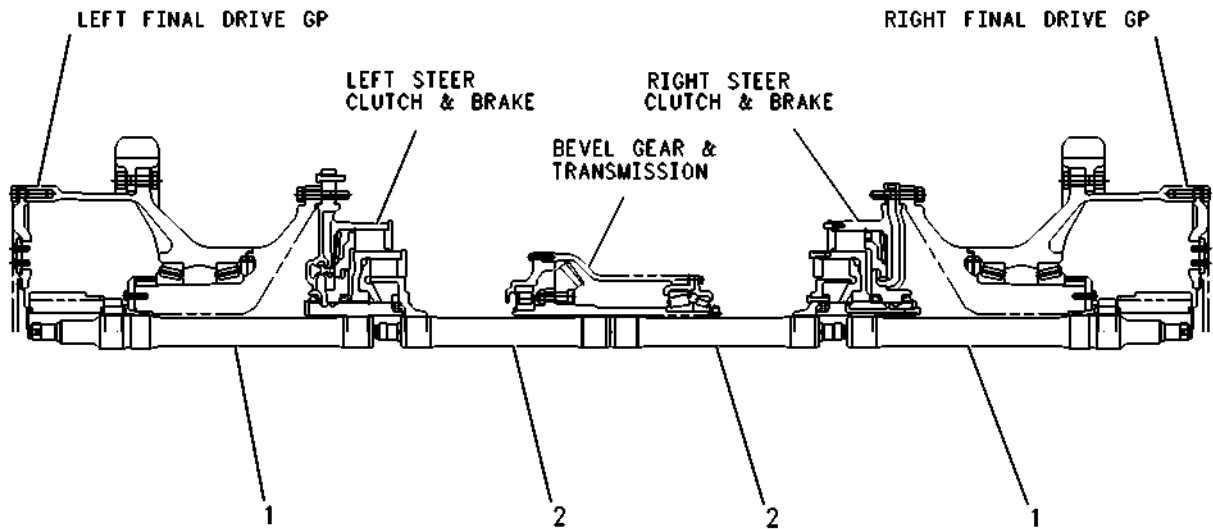
S/N: 7PZ1-UP

PART OF 112-9167 POWER TRAIN AR

SMCS-3259

i00737614

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	150-1310	2	SHAFT AS						
					(EACH INCLUDES)						
		1	149-2408	1	BEARING-THRUST						
	2	1	150-1308	2	SHAFT AS						
					(EACH INCLUDES)						
		1	8E-0618	1	BEARING-THRUST						



GRAPHIC #1

<END>

g00272315

POWER TRAIN

116-5920 CASE & PARTS GP-TRANSMISSION

S/N: 1SY1-UP

PART OF 116-9505, 194-3805 TRANSMISSION AR

SMCS-3064

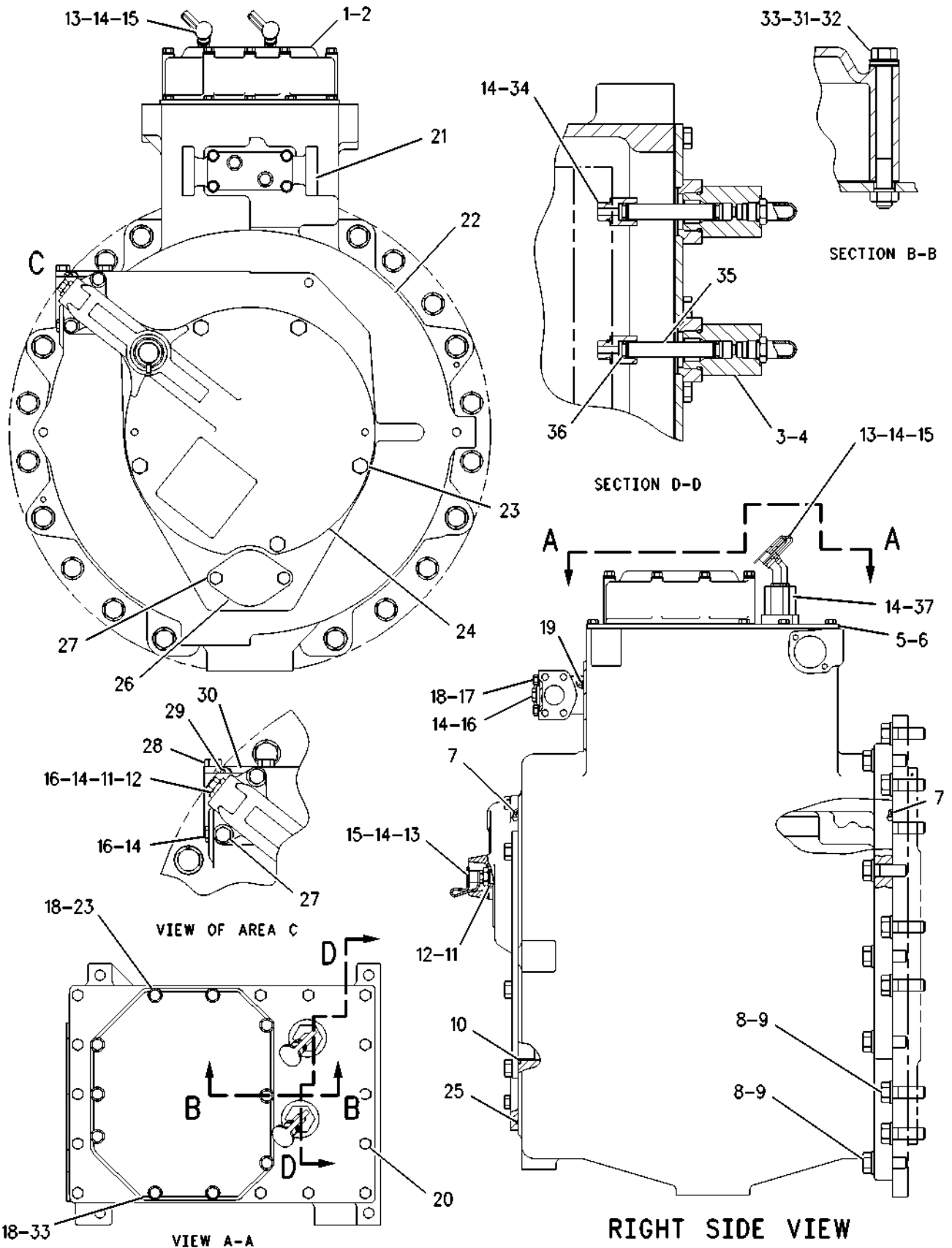
i01988687

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-4928	1	COVER						
	2	1	8E-4929	1	GASKET						
	3	1	132-9877	2	ADAPTER						
	4	1	4K-1388	2	SEAL-O-RING						
	5	1	132-9875	1	COVER AS						
		1	1F-0750	6	NUT-WELD (3/8-16THD)						
	6	1	8E-7249	1	GASKET						
	7	1	8M-4986	2	SEAL-O-RING						
	8	1	9X-8885	23	BOLT (3/4-10X2.25 IN)						
	9	1	5P-8248	23	WASHER-HARD (20X36.5X3.5MM THK)						
	10	1	7S-8554	1	SEAL-O-RING						
	11	1	5P-1404	2	ADAPTER-O-RING						
	12	1	2M-9780	2	SEAL-O-RING						
	13	1	6V-3965	3	FITTING (QUICK DISCONNECT)						
	14	1	3J-1907	11	SEAL-O-RING						
	15	1	6V-0852	3	CAP-DUST						
	16	1	9S-4191	4	PLUG						
	17	1	0T-0065	4	BOLT (3/8-16X3.5 IN)						
	18	1	5M-2894	8	WASHER-HARD (10.2X18.5X2.5MM THK)						
	19	1	8M-4992	2	SEAL-O-RING						
	20	1	0L-1351	14	BOLT (3/8-16X0.875 IN)						
	21	1	3P-7739	1	MANIFOLD						
	22	1	143-4621	1	CASE AS						
		1	8P-0618	1	TUBE						
	23	1	4B-4043	5	BOLT (5/8-11X1.375 IN)						
	24	1	131-4094	1	MANIFOLD						
	25	1	1H-5728	1	SEAL-O-RING						
	26	1	9M-6267	1	COVER						
	27	1	0S-1595	4	BOLT (1/2-13X1.25 IN)						
	28	1	0S-1621	4	BOLT (1/2-13X1 IN)						
	29	1	9M-9647	4	SEAL-O-RING						
	30	1	5D-6176	1	COVER						
	31	1	9S-1018	12	WASHER (9.73X19.05X.84MM THK)						
	32	1	3S-0004	6	WASHER (0.406X0.728X0.09 IN THK)						
	33	1	0S-1608	10	BOLT (3/8-16X3.75 IN)						
	34	1	8E-1717	2	ADAPTER						
	35	1	8E-7253	2	SLEEVE						
	36	1	8M-8157	4	SEAL-O-RING						
	37	1	6V-8077	2	ELBOW						

POWER TRAIN

116-5920 CASE & PARTS GP - TRANSMISSION (contd.)

i01988687



GRAPHIC #1

<END>

g00384774

POWER TRAIN

115-7411 CONTROL GP-BRAKE

S/N: 7PZ1-UP

PART OF 112-9167 POWER TRAIN AR
TYPE 1

SMCS-4284

i01743999

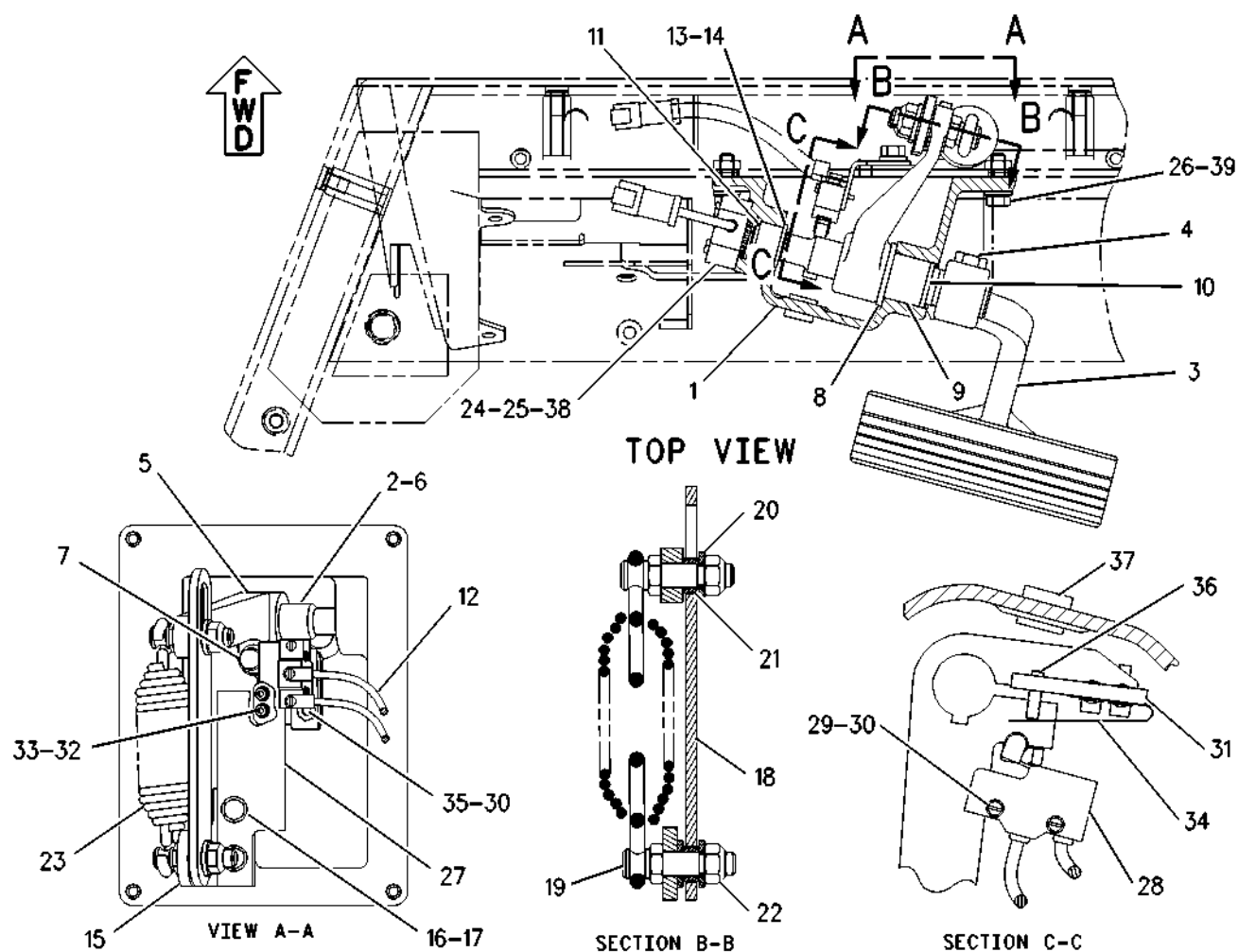
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	148-3663	1	HOUSING						
	2	1	117-9758	1	SHAFT						
	3	1	7G-8420	1	PEDAL						
	4	1	8T-8919	1	BOLT (1/2-13X1.75 IN)						
	5	1	148-3664	1	LEVER						
	6	1	1B-8714	1	KEY-WOODRUFF						
	7	1	7X-0288	1	BOLT (3/8-16X1.625 IN)						
	8	1	8T-4167	1	WASHER-HARD (26X44X4MM THK)						
	9	1	9S-6465	1	BEARING-ROLLER						
	10	1	8F-5340	1	SEAL-LIP						
	11	1	7P-4190	1	BEARING-ROLLER						
	12	1	112-7686	1	HARNESS AS (BRAKE HOUSING)						
	13	1	6V-7607	1	WASHER-HARD (20X30X2.5MM THK)						
	14	1	2J-6356	1	RING-RETAINING						
	15	1	9G-5209	1	BRACKET						
	16	1	5D-0353	2	BOLT-LOCKING (3/8-16X1 IN)						
	17	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5MM THK)						
	18	1	9G-5212	1	LINK						
	19	1	7T-0905	2	BOLT-ANCHOR						
	20	1	8T-4223	3	WASHER-HARD (13.5X25.5X3MM THK)						
	21	1	9G-5211	2	SPACER (12.95X19.05X9.0MM THK)						
	22	1	1K-6872	2	LOCKNUT (1/2-13 THD)						
	23	1	9G-5213	1	SPRING						
CY	24	1	147-1680	1	SENSOR GP-POSITION (BRAKE)						330
	25	1	2N-3162	2	SCREW-MACHINE (10-24X1.25 IN)						
	26	1	9B-7237	4	BOLT (3/8-16X1.25 IN)						
	27	1	148-2712	1	PLATE						
	28	1	132-7077	1	SWITCH AS-LIMIT (BRAKE)						
		1	6V-8376	3	SCREW-MACHINE (8-32X0.25 IN)						
		1	9B-7233	3	LOCKWASHER						
	29	1	9X-6281	2	SCREW-MACHINE (4-40X1 IN)						
	30	1	096-5962	4	WASHER-HARD (3.4X7X0.8MM THK)						
	31	1	148-2713	1	PLATE						
	32	1	7J-9018	2	BOLT-SOCKET HEAD (10-24X.625 IN)						
	33	1	8T-0328	2	WASHER-HARD (5.5X10X1MM THK)						
	34	1	148-2714	1	SPRING						
	35	1	9M-5731	2	RIVET-POP						
M	36	1	106-5472	1	SETSCREW-HEX SOCKET (M5X0.8X20MM)						
	37	1	2B-0858	1	PLUG-PIPE						
	38	1	6V-0894	1	SEAL-O-RING						
	39	1	5P-1075	4	WASHER-HARD (10.2X22.5X3MM THK)						

C- CHANGE FROM PREVIOUS TYPE
M- METRIC PART
Y- SEPARATE ILLUSTRATION

POWER TRAIN

115-7411 CONTROL GP - BRAKE (contd.)

i01743999



GRAPHIC #1

<END>

g00578627

POWER TRAIN

115-7411 CONTROL GP-BRAKE

S/N: 7PZ1-UP

PART OF 112-9167 POWER TRAIN AR
TYPE 2

SMCS-4284

i01988685

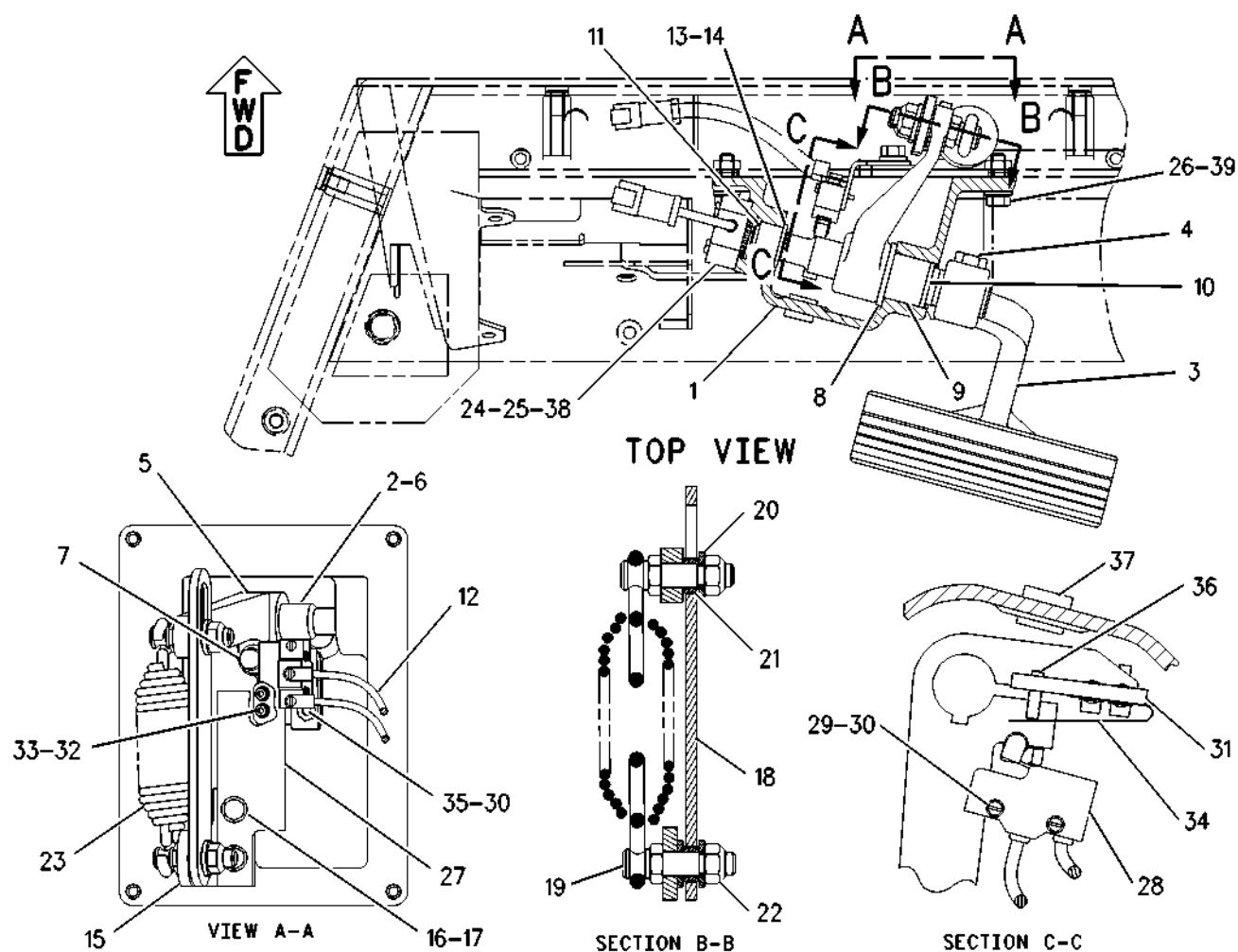
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	148-3663	1	HOUSING	
	2	1	117-9758	1	SHAFT	
	3	1	7G-8420	1	PEDAL	
	4	1	8T-8919	1	BOLT (1/2-13X1.75 IN)	
	5	1	148-3664	1	LEVER	
	6	1	1B-8714	1	KEY-WOODRUFF	
	7	1	7X-0288	1	BOLT (3/8-16X1.625 IN)	
	8	1	8T-4167	1	WASHER-HARD (26X44X4MM THK)	
	9	1	9S-6465	1	BEARING-ROLLER	
	10	1	8F-5340	1	SEAL-LIP TYPE	
	11	1	7P-4190	1	BEARING-ROLLER	
	12	1	112-7686	1	HARNESS AS (BRAKE HOUSING)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	13	1	6V-7607	1	WASHER-HARD (20X30X2.5MM THK)	
	14	1	2J-6356	1	RING-RETAINING	
	15	1	9G-5209	1	BRACKET	
	16	1	5D-0353	2	BOLT-LOCKING (3/8-16X1 IN)	
	17	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5MM THK)	
	18	1	9G-5212	1	LINK	
	19	1	7T-0905	2	BOLT-ANCHOR	
	20	1	8T-4223	3	WASHER-HARD (13.5X25.5X3MM THK)	
	21	1	9G-5211	2	SPACER (12.95X19.05X9.0MM THK)	
	22	1	1K-6872	2	LOCKNUT (1/2-13 THD)	
	23	1	9G-5213	1	SPRING	
CY	24	1	214-4863	1	SENSOR GP-POSITION (ROTARY) (BRAKE)	335
	25	1	2N-3162	2	SCREW-MACHINE (10-24X1.25 IN)	
	26	1	9B-7237	4	BOLT (3/8-16X1.25 IN)	
	27	1	148-2712	1	PLATE	
	28	1	132-7077	1	SWITCH AS-LIMIT (BRAKE)	
		1	6V-8376	3	SCREW-MACHINE (8-32X0.25 IN)	
		1	9B-7233	3	LOCKWASHER	
	29	1	9X-6281	2	SCREW-MACHINE (4-40X1 IN)	
	30	1	096-5962	4	WASHER-HARD (3.4X7X0.8MM THK)	
	31	1	148-2713	1	PLATE	
	32	1	7J-9018	2	BOLT-SOCKET HEAD (10-24X.625 IN)	
	33	1	8T-0328	2	WASHER-HARD (5.5X10X1MM THK)	
	34	1	148-2714	1	SPRING	
	35	1	9M-5731	2	RIVET-POP	
M	36	1	106-5472	1	SETSCREW-HEX SOCKET (M5X0.8X20MM)	
	37	1	2B-0858	1	PLUG-PIPE	
	38	1	6V-0894	1	SEAL-O-RING	
	39	1	5P-1075	4	WASHER-HARD (10.2X22.5X3MM THK)	

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART
Y-SEPARATE ILLUSTRATION

POWER TRAIN

115-7411 CONTROL GP - BRAKE (contd.)

i01988685



GRAPHIC #1

<END>

g00578627

POWER TRAIN

145-6480 CONTROL GP-TRANSMISSION

S/N: 1SY1-UP

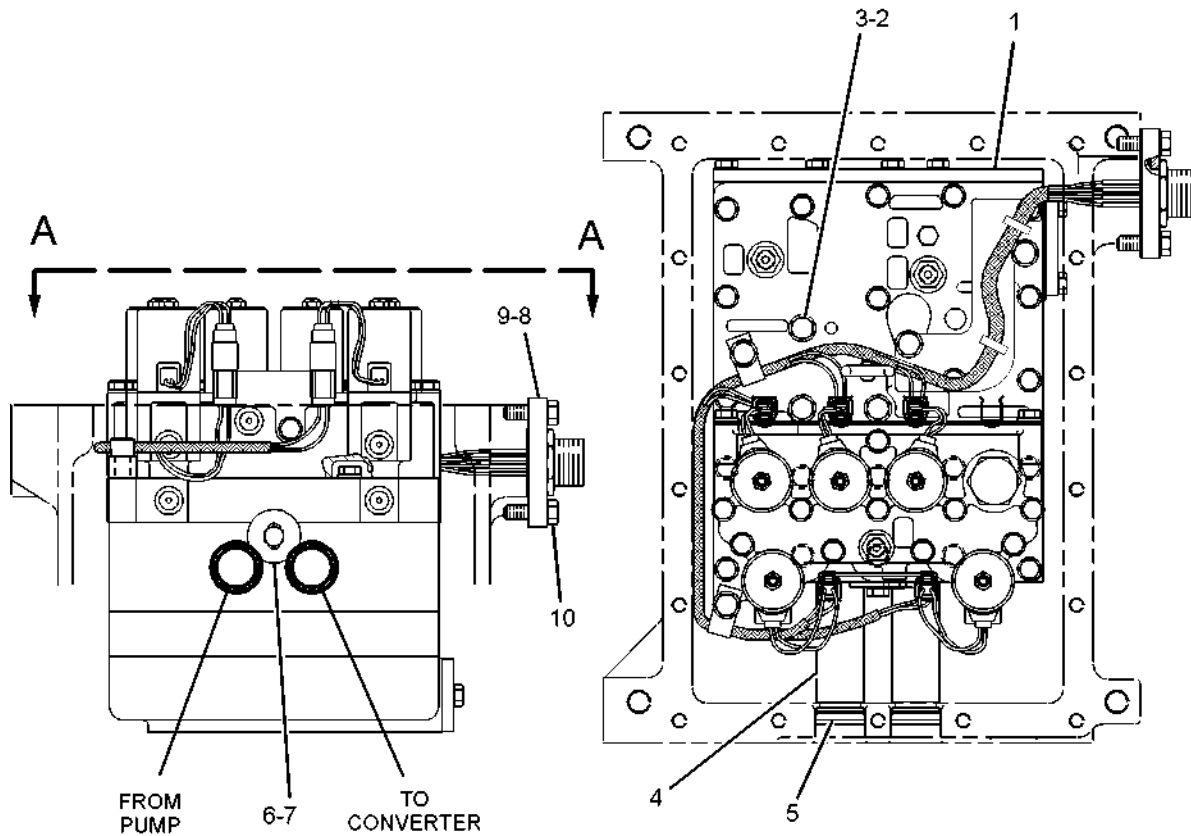
PART OF 116-9505, 194-3805 TRANSMISSION AR

SMCS-3065

i01977943

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
Y	1	1	155-2639	1	VALVE GP-CONTROL	473
	2	1	6B-1557	4	BOLT (3/8-16X7.5 IN)	
	3	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	4	1	6P-4977	2	SLEEVE	
	5	1	8M-4432	4	SEAL-O-RING	
	6	1	141-8466	1	RETAINER	
	7	1	8L-5922	1	BOLT-LOCKING (5/16-18X0.563 IN)	
	8	1	104-6729	1	RETAINER	
	9	1	104-6730	1	GASKET	
	10	1	034-3557	2	BOLT-LOCKING (3/8-16X1.125 IN)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

VIEW A-A

g01025956

POWER TRAIN

127-4487 COOLER GP-TRANSMISSION OIL

S/N: 7PZ1-744

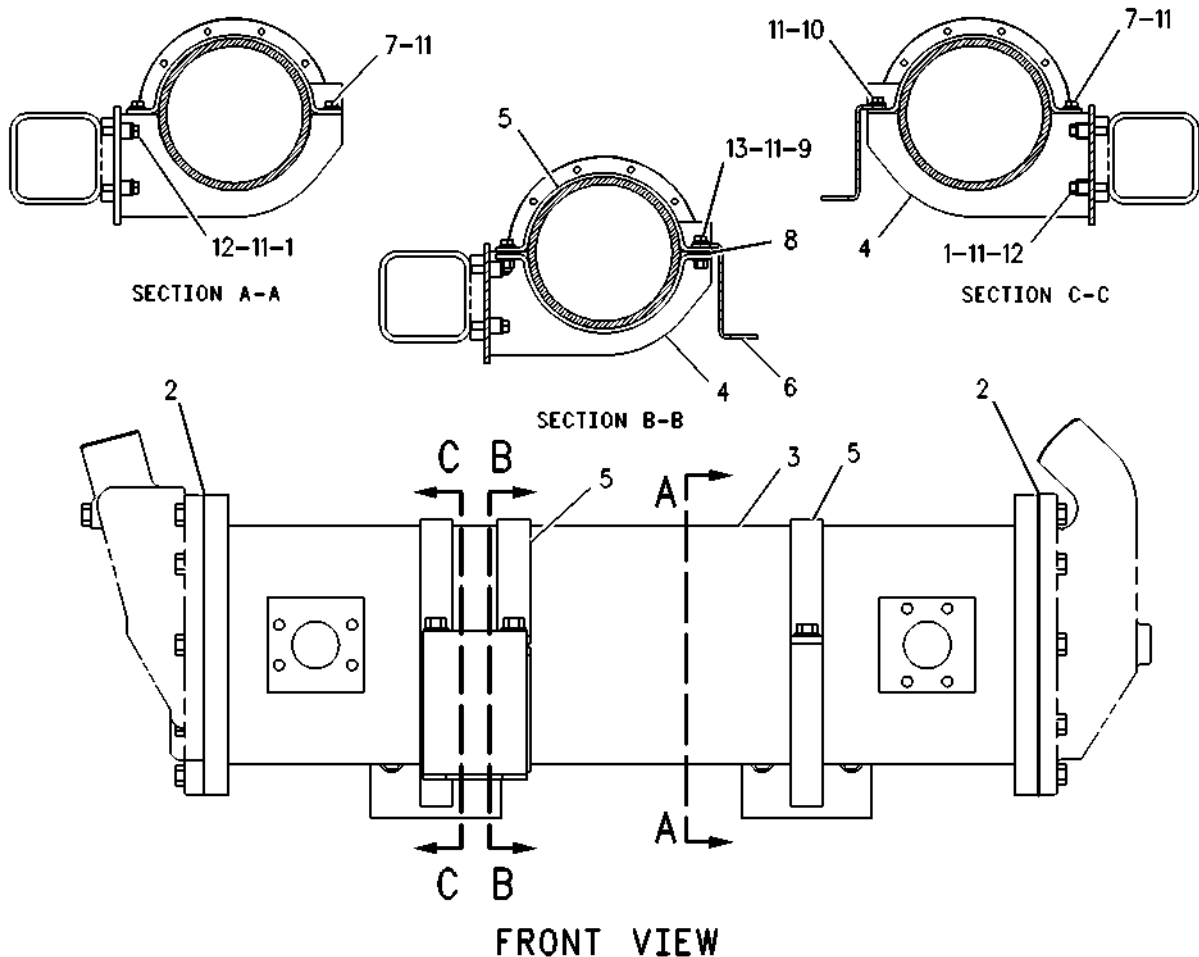
PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1375

i01421257

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5G-6504	8	LUG						
	2	1	121-5746	2	GASKET						
R	3	1	126-6059	1	CORE AS-TRANSMISSION COOLER						
	4	1	137-8198	2	SUPPORT AS						
	5	1	137-8199	4	CLIP						
	6	1	137-8212	1	PLATE						
	7	1	5C-6565	3	BOLT (1/2-13X1.25 IN)						
	8	1	5P-1076	2	WASHER-HARD (13.5X30X4MM THK)						
	9	1	6V-8188	2	NUT (1/2-13 THD)						
	10	1	8C-4436	1	BOLT (1/2-13X1.375 IN)						
	11	1	8T-4223	16	WASHER-HARD (13.5X25.5X3MM THK)						
	12	1	8T-4835	8	BOLT (1/2-13X2 IN)						
	13	1	8T-8919	2	BOLT (1/2-13X1.75 IN)						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00273043

POWER TRAIN

127-4487 COOLER GP-TRANSMISSION OIL

S/N: 7PZ745-UP

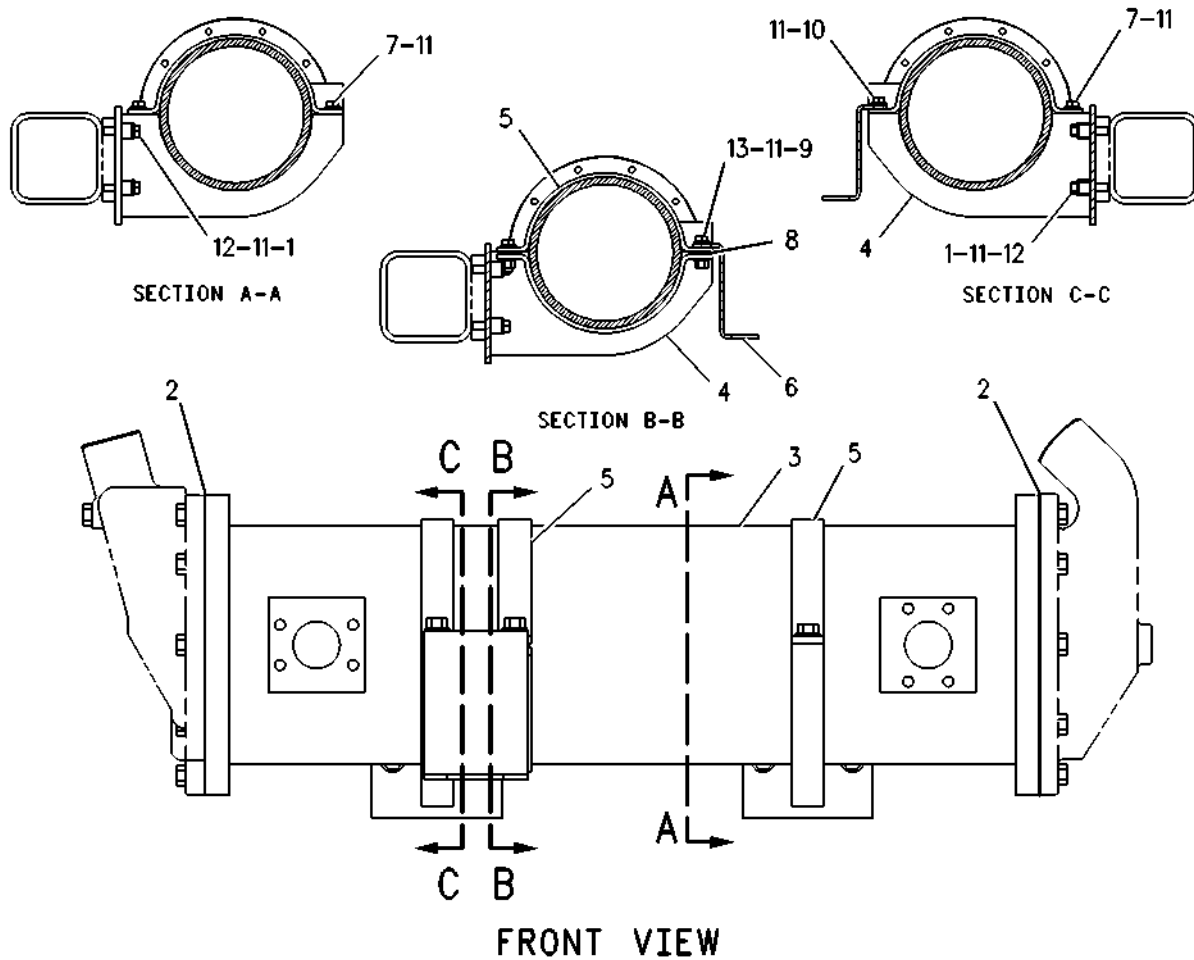
PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1375

i02023898

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5G-6504	8	LUG						
	2	1	121-5746	2	GASKET						
C	3	1	243-5761	1	CORE AS-OIL COOLER						
	4	1	137-8198	2	SUPPORT AS						
	5	1	137-8199	4	CLIP						
	6	1	137-8212	1	PLATE						
	7	1	5C-6565	3	BOLT (1/2-13X1.125-IN)						
	8	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)						
	9	1	6V-8188	2	NUT (1/2-13-THD)						
	10	1	8C-4436	1	BOLT (1/2-13X1.375-IN)						
	11	1	8T-4223	16	WASHER-HARD (13.5X25.5X3-MM THK)						
	12	1	8T-4835	8	BOLT (1/2-13X2-IN)						
	13	1	8T-8919	2	BOLT (1/2-13X1.75-IN)						

C- CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00273043

POWER TRAIN

125-6511 COUPLING GP - PUMP-POWER TRAIN

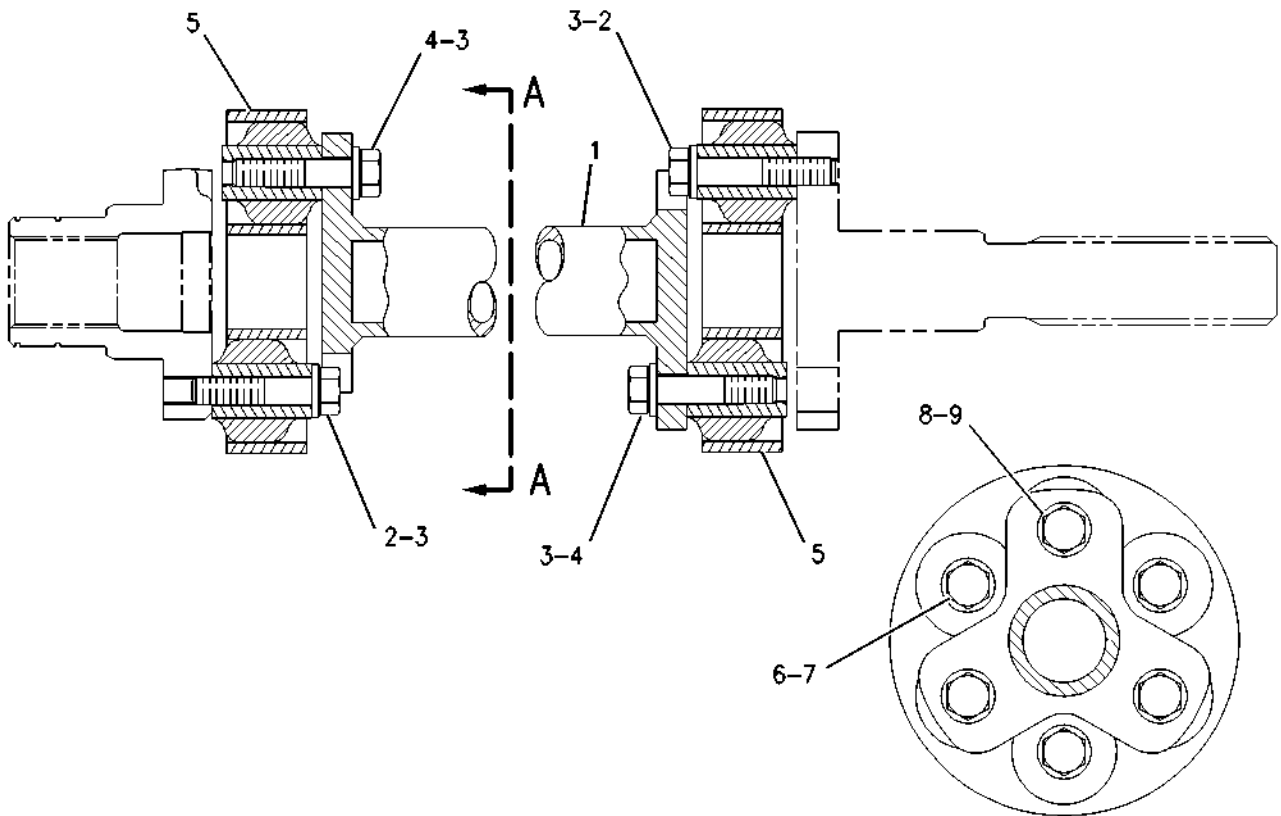
S/N: 7PZ1-UP

PART OF 112-9167 POWER TRAIN AR

SMCS-5062

i01692375

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	156-5903	1	TUBE AS						
	2	1	8T-2501	6	BOLT (3/8-16X2 IN)						
	3	1	8T-4896	12	WASHER-HARD (10.2X18.5X2.5MM THK)						
	4	1	5S-7383	6	BOLT (3/8-16X1.75 IN)						
	5	1	3E-4880	2	COUPLING AS						
					(EACH INCLUDES)						
	6	1	6Y-2130	3	BUSHING AS						
					(EACH INCLUDES)						
	7	1	8E-5170	1	SLEEVE						
	8	1	3E-4876	3	BUSHING AS						
					(EACH INCLUDES)						
	9	1	3E-4875	1	SLEEVE						



SECTION A-A

GRAPHIC #1

<END>

g00356076

POWER TRAIN

106-4150 DRAIN GP-ECOLOGY-TORQUE CONVERTER

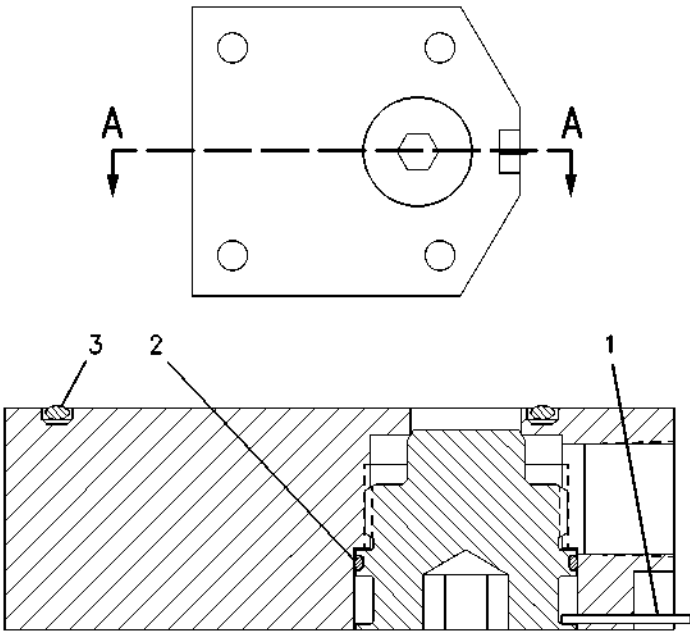
S/N: 7PZ1-UP

PART OF 121-0030 TORQUE CONVERTER GP

SMCS-3100

i01590582

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4N-3808	1	PIN-SPRING	
	2	1	5P-9658	1	SEAL-O-RING	
A	3	1	2H-3931	1	SEAL-O-RING	
A-NOT PART OF THIS GROUP						



SECTION A-A

GRAPHIC #1

<END>

g00543496

POWER TRAIN

133-1301 FILTER GP-OIL-TRANSMISSION

S/N: 7PZ1-UP

WITH HOUSING

PART OF 127-7480 LINES GP-POWER TRAIN OIL

SMCS-3004, 3067

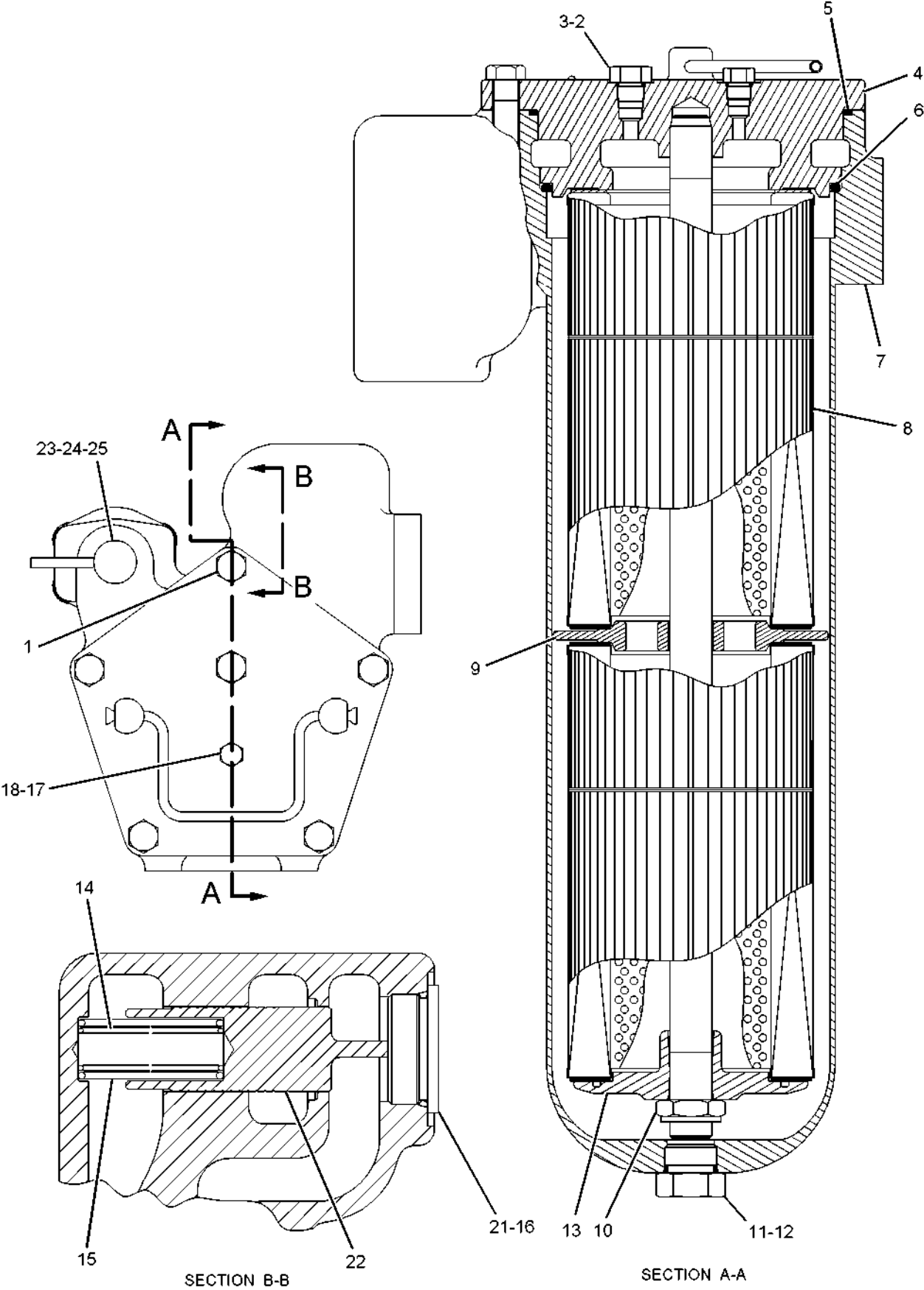
i01988682

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7B-3235	5	BOLT (1/2-13X1.375 IN)	
	2	1	9S-4191	1	PLUG	
	3	1	3J-1907	1	SEAL-O-RING	
	4	1	133-1321	1	COVER AS	
		1	143-4601	1	STUD-TAPERLOCK	
	5	1	2K-4472	1	SEAL-O-RING	
	6	1	6D-9157	1	SEAL-O-RING	
	7	1	202-9709	1	HOUSING AS-FILTER (TRANSMISSION)	
	8	1	132-8876	2	FILTER ELEMENT AS-OIL (HYDRAULIC) (TRANSMISSION)	
	9	1	202-8057	1	RETAINER	
	10	1	4L-4986	1	LOCKNUT (7/8-14 THD)	
	11	1	9S-4183	1	PLUG (TRANSMISSION FILTER)	
	12	1	3D-2824	1	SEAL-O-RING (TRANSMISSION FILTER)	
	13	1	133-1299	1	RETAINER	
	14	1	133-2198	1	SPRING	
	15	1	7M-1297	1	SPRING	
	16	1	9S-8010	1	PLUG	
	17	1	9S-4182	1	PLUG	
	18	1	3J-7354	1	SEAL-O-RING	
	21	1	2S-4078	1	SEAL-O-RING	
	22	1	7G-4998	1	SPOOL-BYPASS	
	23	1	8C-3446	1	VALVE AS-FLUID SAMPLING	
	24	1	6V-5048	1	SEAL-O-RING	
	25	1	8C-3447	1	CAP-DUST	

POWER TRAIN

133-1301 FILTER GP-OIL (contd.)

i01988682



GRAPHIC #1

SECTION B-B

<END>

SECTION A-A

g01027369

POWER TRAIN

176-1223 FINAL DRIVE GP*R

S/N: 7PZ1-UP

SMCS-4050

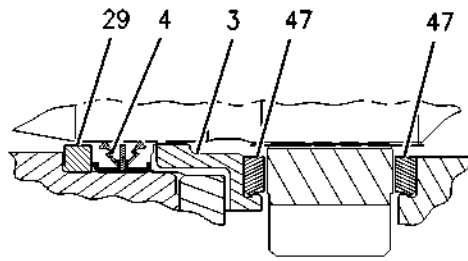
i01988683

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1,2	5P-4057	1	SEAL-O-RING	
	2	1,2	134-5994	1	HUB-SUPPORT	
	3	1,2	134-6032	1	BEARING-THRUST	
	4	1,2	124-2377	1	SEAL-LIP TYPE	
	5	1,2	139-6870	1	CONE-SPECIAL TAPERED	
	6	1,2	9W-1547	2	CUP-BEARING	
	7	1,2	199-2807	1	HUB-SPROCKET	
	8	1,2	139-6871	1	CONE-SPECIAL TAPERED	
	9	1,2	5P-7989	1	RING-RETAINING	
	10	1,2	134-5993	1	HUB-REACTION	
	11	1,2	3P-6349	4	RING-LOCK	
	12	1,2	164-9921	8	CUP-SPECIAL TAPERED	
	13	1,2	164-9920	8	CONE-SPECIAL TAPERED	
	14	1,2	153-6332	1	GEAR-RING (74 TEETH)	
	15	1,2	7X-0408	35	BOLT (1-8X3.5 IN)	
	16	1,2	7X-0576	35	WASHER-HARD (28X44.5X6MM THK)	
	17	1,2	124-0504	8	CUP-TAPERED	
	18	1,2	124-0503	8	CONE	
	19	1,2	134-5996	1	CARRIER-PLANETARY	
	20	1,2	030-7335	32	BOLT-LOCKING (5/8-11X1.5 IN)	
	21	1,2	3P-6375	4	RETAINER	
	22	1,2	8T-3279	4	SEAL-QUAD RING	
	23	1,2	3S-3074	1	SEAL-O-RING	
	24	1,2	203-8474	1	COVER	
	25	1,2	134-6036	1	RETAINER	
	26	1,2	5P-1702	1	RING-RETAINING	
	27	1,2	134-5997	1	CARRIER-PLANETARY	
	28	1,2	8T-8917	4	BOLT (1/2-13X1.25 IN)	
	29	1,2	110-2653	1	BEARING-SLEEVE	
	30	1,2	207-6936	1	GEAR-SUN (18 TEETH)	
	31	1,2	3D-3295	1	SEAL-O-RING	
	32	1,2	5F-0304	1	PLUG-DRAIN (FINAL DRIVE)	
	33	1,2	1S-3888	1	WASHER-PLUG	
	34	1,2	3H-3385	1	SEAL-O-RING (FINAL DRIVE OIL DRAIN)	
	35	1,2	5F-7054	1	SEAL-O-RING	
	36	1,2	134-6033	4	RETAINER	
	37	1,2	207-6937	4	GEAR-PLANET (27 TEETH)	
	38	1,2	134-6030	4	SHAFT-PLANETARY	
	39	1,2	207-6939	4	GEAR-PLANET (25 TEETH)	
	40	1,2	6T-0609	20	PIN	
	41	1,2	143-4758	4	SHAFT-PLANETARY	
	42	1,2	207-6938	1	GEAR-SUN (22 TEETH)	
	43	1,2	172-5093	1	SEAL GP-DUO-CONE	
		1	137-4344	2	RING-TORIC	
	44	1,2	6T-0611	1	WASHER (102X148X9.3MM THK)	
	45	1,2	6V-3298	1	PLUG-MAGNETIC (FINAL DRIVE)	
	46	1,2	2S-4078	1	SEAL-O-RING	
	47	1,2	110-2652	2	RING-THRUST	
	48	1,2	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)	
R-REMFG PART MAY BE AVAILABLE						

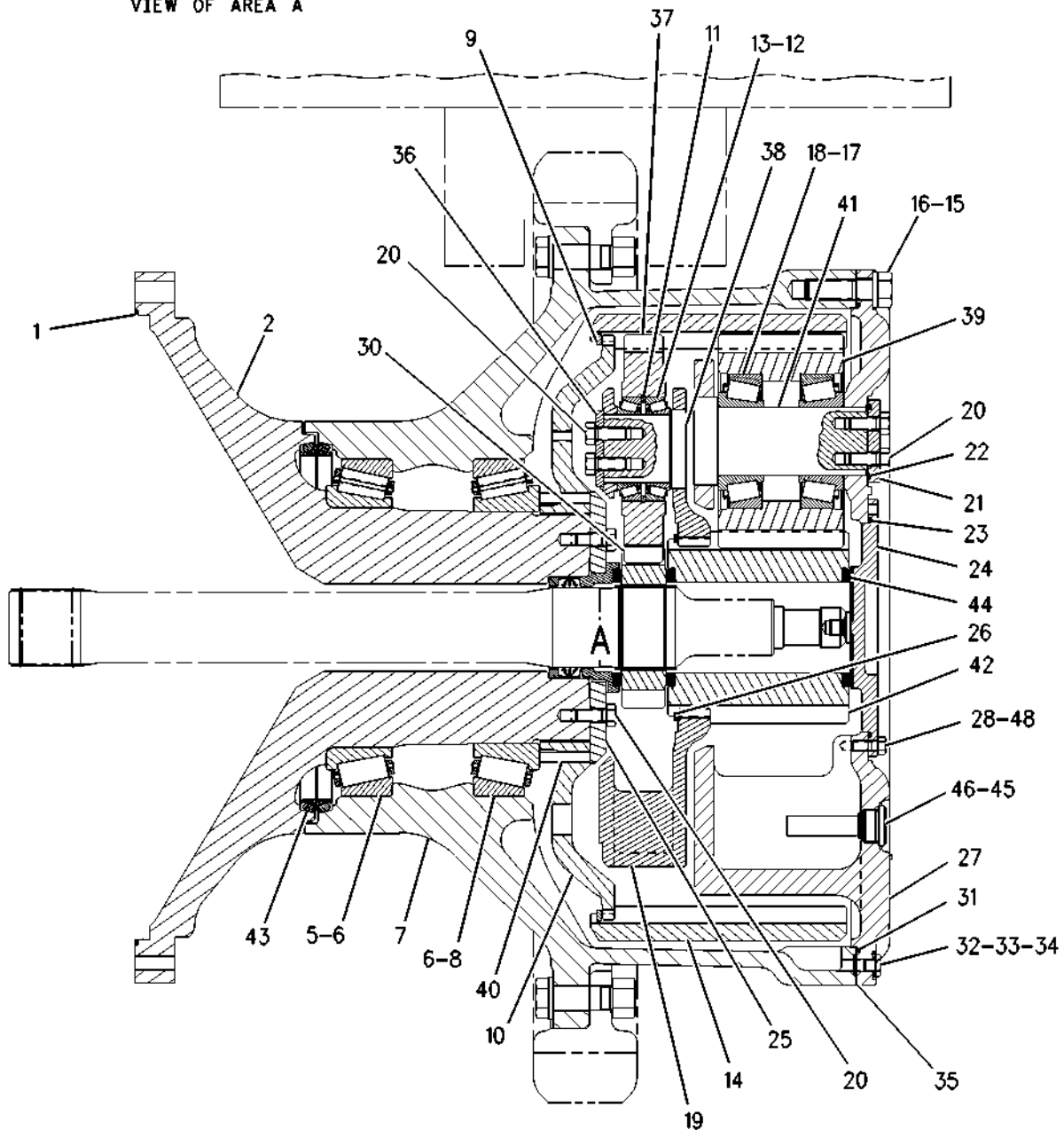
POWER TRAIN

176-1223 FINAL DRIVE GP (contd.)

i01988683



VIEW OF AREA A



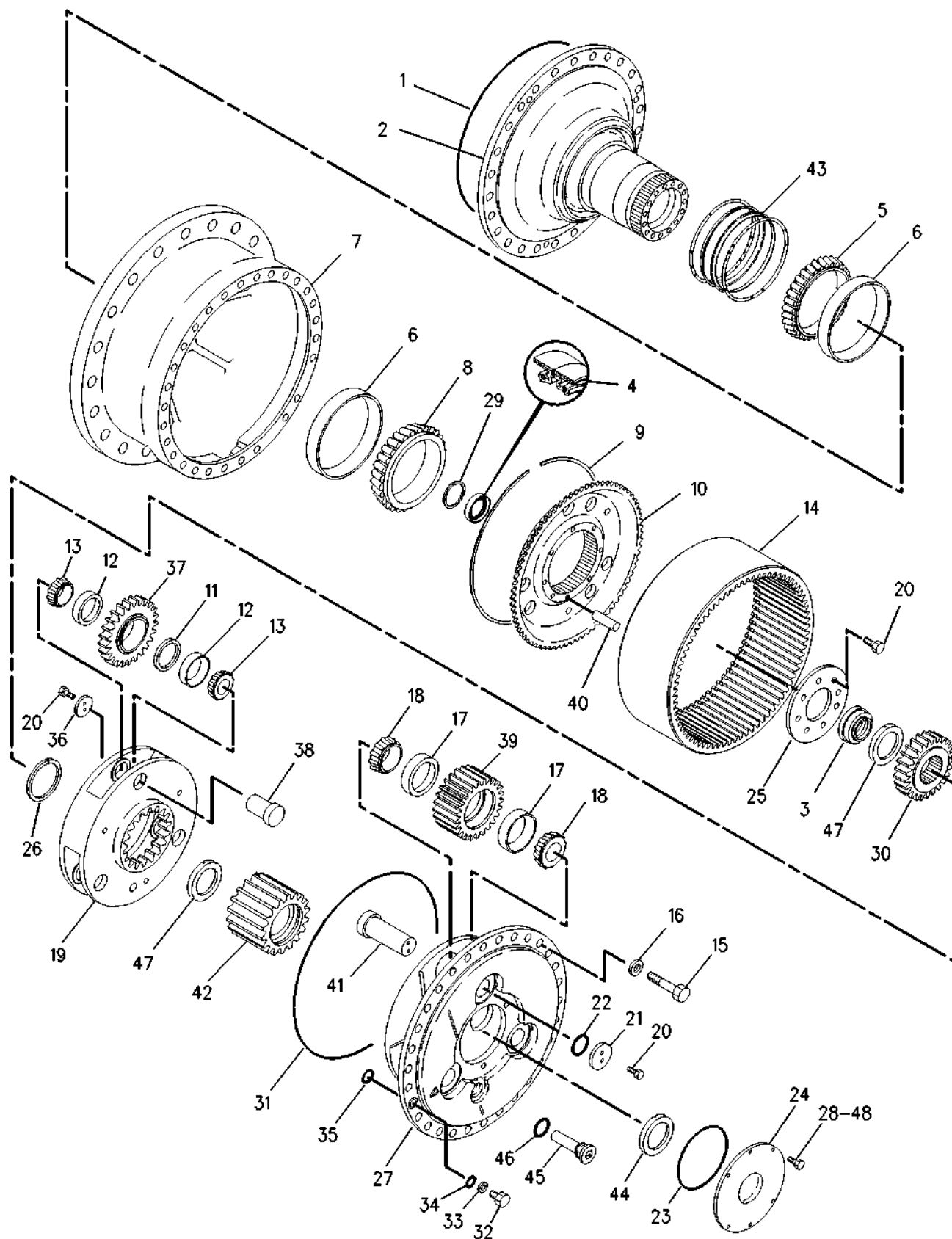
GRAPHIC #1

g01000909

POWER TRAIN

176-1223 FINAL DRIVE GP (contd.)

i01988683



GRAPHIC #2

<END>

g01000913

POWER TRAIN

176-1236 FINAL DRIVE GP

S/N: 7PZ1-UP

PART OF 112-9167 POWER TRAIN AR
FIELD REPLACEMENT ORDER 176-1223-PAGE 415

SMCS-4050

i01923397

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1,2	136-6968	1	SEGMENT GP-SPROCKET						460
	2	1,2	5P-4057	1	SEAL-O-RING						
R	3	1,2	134-5994	1	HUB-SUPPORT						
	4	1,2	1D-4643	40	BOLT (1-8X5.50 IN)						
	5	1,2	9M-2828	40	WASHER-HARD (28X44.5X6MM THK)						
	6	1,2	134-6032	1	BEARING-THRUST						
	7	1,2	124-2377	1	SEAL-LIP TYPE						
	8	1,2	139-6870	1	CONE-SPECIAL TAPERED						
	9	1,2	9W-1547	2	CUP-BEARING						
	10	1,2	199-2807	1	HUB-SPROCKET						
	11	1,2	139-6871	1	CONE-SPECIAL TAPERED						
	12	1,2	5P-7989	1	RING-RETAINING						
	13	1,2	134-5993	1	HUB-REACTION						
	14	1,2	3P-6349	4	RING-LOCK						
	15	1,2	164-9921	8	CUP-SPECIAL TAPERED						
	16	1,2	164-9920	8	CONE-SPECIAL TAPERED						
	17	1,2	153-6332	1	GEAR-RING (74 TEETH)						
	18	1,2	7X-0408	35	BOLT (1-8X3.5 IN)						
	19	1,2	7X-0576	35	WASHER-HARD (28X44.5X6MM THK)						
	20	1,2	124-0504	8	CUP-TAPERED						
	21	1,2	124-0503	8	CONE-TAPERED						
	22	1,2	134-5996	1	CARRIER-PLANETARY						
	23	1,2	030-7335	32	BOLT-LOCKING (5/8-11X1.5 IN)						
	24	1,2	3P-6375	4	RETAINER						
	25	1,2	8T-3279	4	SEAL-QUAD RING						
	26	1,2	3S-3074	1	SEAL-O-RING						
	27	1,2	203-8474	1	COVER						
	28	1,2	134-6036	1	RETAINER						
	29	1,2	5P-1702	1	RING-RETAINING						
	30	1,2	134-5997	1	CARRIER-PLANETARY						
	31	1,2	8T-8917	4	BOLT (1/2-13X1.25 IN)						
	32	1,2	110-2653	1	BEARING-SLEEVE						
	33	1,2	207-6936	1	GEAR-SUN (18 TEETH)						
	34	1,2	3D-3295	1	SEAL-O-RING						
	35	1,2	5F-0304	1	PLUG-DRAIN (FINAL DRIVE)						
	36	1,2	1S-3888	1	WASHER-PLUG						
	37	1,2	3H-3385	1	SEAL-O-RING						
	38	1,2	5F-7054	1	SEAL-O-RING						
	39	1,2	134-6033	4	RETAINER						
	40	1,2	207-6937	4	GEAR-PLANET (27 TEETH)						
	41	1,2	134-6030	4	SHAFT-PLANETARY						
	42	1,2	207-6939	4	GEAR-PLANET (25 TEETH)						
	43	1,2	6T-0609	20	PIN						
	44	1,2	143-4758	4	SHAFT-PLANETARY						
	45	1,2	207-6938	1	GEAR-SUN (22 TEETH)						
	46	1,2	172-5093	1	SEAL GP-DUO-CONE						
		1,2	137-4344	2	RING-TORIC						
	47	1,2	6T-0611	1	WASHER (102X148X9.3MM THK)						
	48	1,2	8T-4122	3	WASHER-HARD (17X32X3.5MM THK)						
	49	1,2	7X-0350	3	BOLT (5/8-11X3.50 IN)						
	50	1,2	2S-4078	1	SEAL-O-RING						
	51	1,2	6V-3298	1	PLUG-MAGNETIC (FINAL DRIVE)						
	52	1,2	110-2652	2	RING-THRUST						
	53	1,2	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)						

POWER TRAIN

176-1236 FINAL DRIVE GP (contd.)

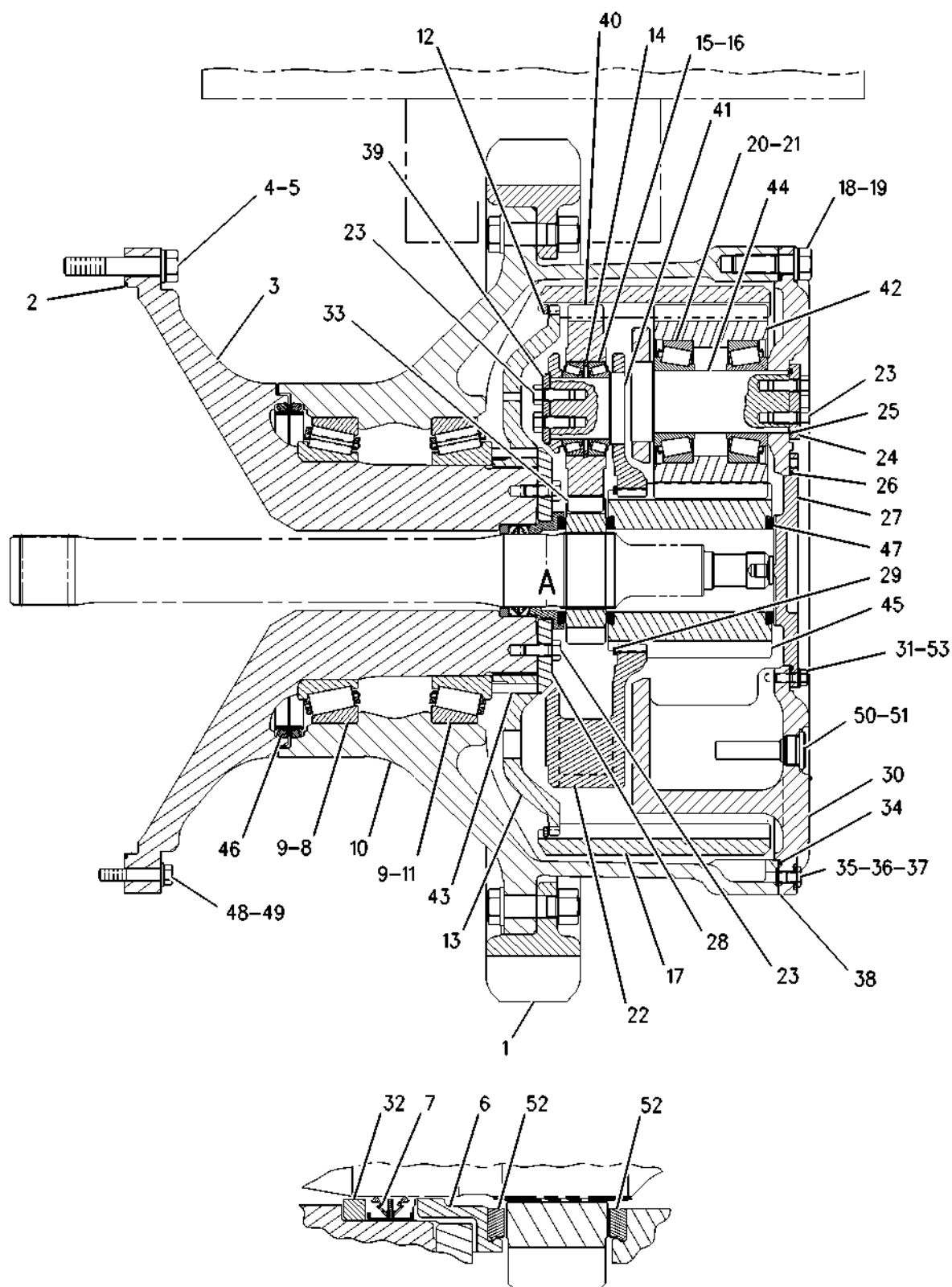
i01923397

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

POWER TRAIN

176-1236 FINAL DRIVE GP (contd.)

i01923397



VIEW OF AREA A

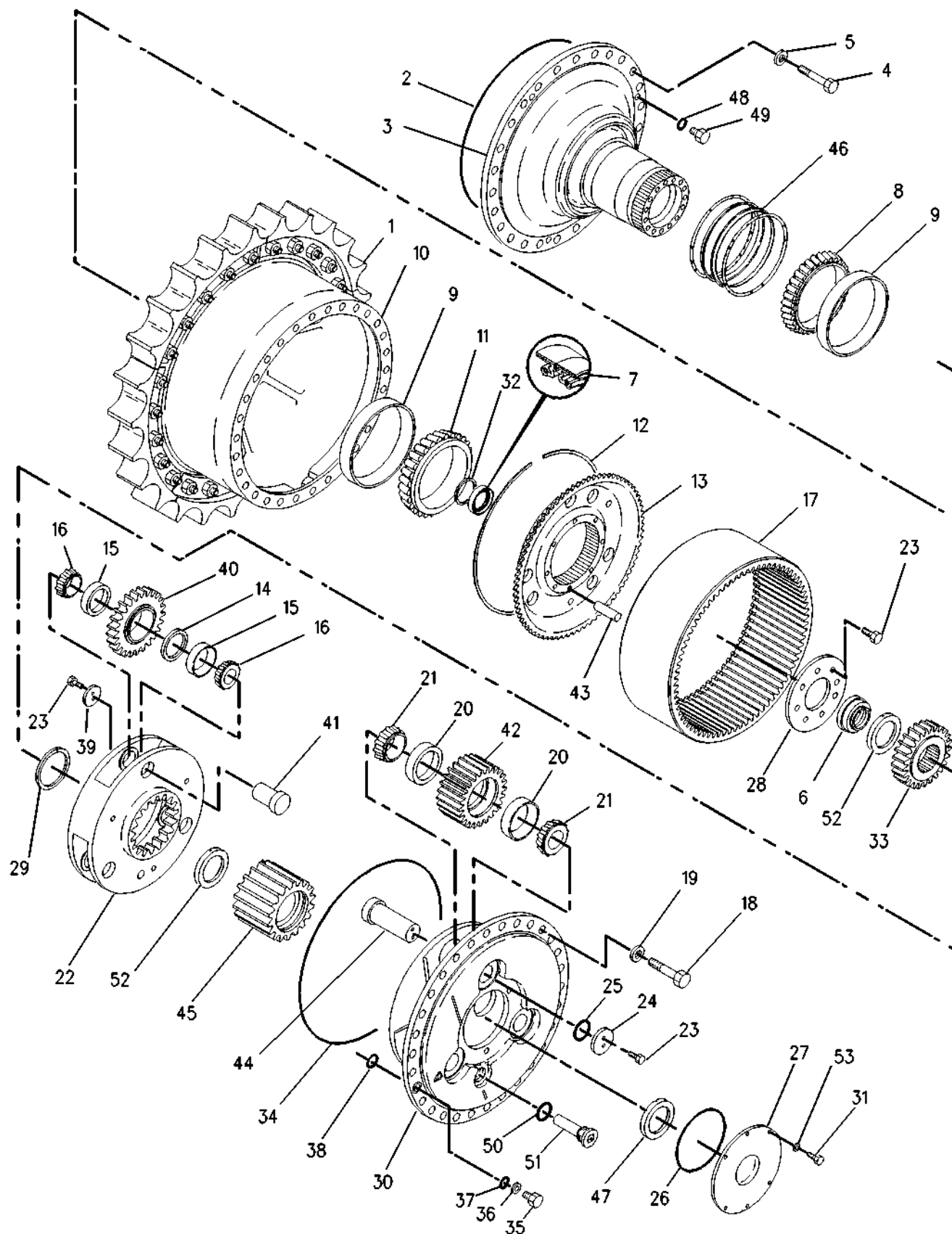
GRAPHIC #1

g01000899

POWER TRAIN

176-1236 FINAL DRIVE GP (contd.)

i01923397



GRAPHIC #2

<END>

g01000898

POWER TRAIN

116-9492 GEAR GP-BEVEL & TRANSFER

S/N: 1SY1-1146

PART OF 116-9491 TRANSMISSION AR

SMCS-3011

i01988688

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	116-9496	1	CASE & HOUSING AS	
		3	1S-9292	3	DOWEL	
	2	1	9X-8881	16	BOLT (5/8-11X2.25 IN)	
		1	5P-8247	16	WASHER-HARD (17X32X3.5MM THK)	
	3	3	151-3258	1	RING-RETAINING	
B	4	3	138-0428	1	SHIM PACK (INCLUDES 9 SHIMS)	
	5	3	3P-2564	1	RACE-BEARING OUTER	
	6	3	116-9502	1	GEAR-TRANSFER (21 TEETH)	
	7	3	7S-3004	1	RING-RETAINING	
	8	3	3P-2582	1	BALL BEARING	
	9	3	1M-9653	1	RING-RETAINING	
	10	3	116-9500	1	CAGE-BEARING	
	11	3	5P-2545	1	SEAL-O-RING	
	12	3	5D-6428	1	SEAL-O-RING	
	13	3	119-4132	1	BEARING AS-SPECIAL	
	14	3	138-0427	1	COVER-BEARING	
	15	3	0S-1590	8	BOLT (3/8-16X2 IN)	
	16	3	119-4140	2	CUP-SPECIAL TAPERED	
	17	3	119-4139	2	CONE-SPECIAL TAPERED	
	18	3	5P-4254	2	BOLT-LOCKING (5/8-18X1.5 IN)	
	19	3	119-3373	1	RETAINER	
B	20	3	9G-9295	4	SHIM PACK (INCLUDES 16 SHIMS) (EACH)	
	21	3	9X-8885	9	BOLT (3/4-10X2.25 IN)	
	22	3	5P-8248	9	WASHER-HARD (20X36.5X3.5MM THK)	
	23	3	2K-2939	1	SEAL-O-RING	
	24	3	116-9494	1	CAGE-BEARING	
	25	3	116-9493	1	SPACER	
	26	3	7T-8121	1	GEAR-TRANSFER (27 TEETH)	
	27	3	112-9802	1	PINION-BEVEL (21 TEETH)	
	28	3	119-4131	1	RACE-SPECIAL ROLLER	
	29	3	119-4130	1	BEARING-SPECIAL RACE	
	30	3	8C-8550	1	RING-RETAINING	
	31	1	9S-4191	1	PLUG	
	32	1	3J-1907	1	SEAL-O-RING	
	33	1	3T-8876	1	DOWEL	
	34	1, 2	0T-0200	6	PLUG-CUP	
	35	2	116-9504	1	CAGE-BEARING	
	36	2	2K-7471	12	LOCKNUT (1-14 THD)	
	37	2	9S-1367	12	BOLT (1-14X3.75 IN)	
	38	2	8T-7583	1	RING	
	39	2	119-4135	1	RACE-BEARING	
	40	2	119-4136	1	RACE-ROLLER BEARING	
	41	2	5P-4143	34	BOLT-LOCKING (1/2-13X2 IN)	
	42	2	5P-8245	34	WASHER-HARD (13.5X25.5X3MM THK)	
	43	2	141-6346	1	GEAR-BEVEL (26 TEETH)	
	44	2	141-6347	1	SHAFT-BEVEL	
	45	2	116-9495	1	CAGE-BEARING	
	46	2	125-3942	1	PLUG-PIPE	
	47	2	119-4133	1	CONE-SPECIAL TAPERED	
B	48	2	119-3380	4	SHIM PACK (INCLUDES 18 SHIMS)	
	49	2	116-9501	1	CAGE-BEARING	
	50	2	119-3711	1	NUT-BEARING	
	51	2	119-3381	1	WASHER-BEARING LOCK	
	52	2	119-3851	1	LOCKWASHER	
	53	2	119-4137	1	CONE-SPECIAL TAPERED	
	54	2	1M-6573	1	CUP-BEARING	

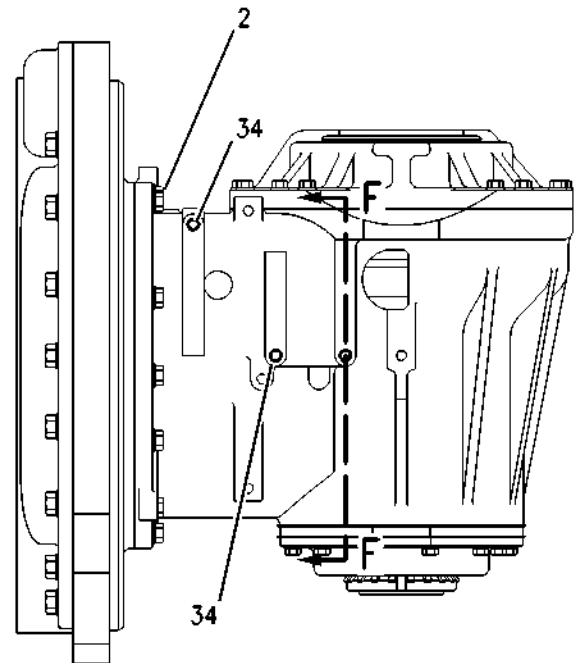
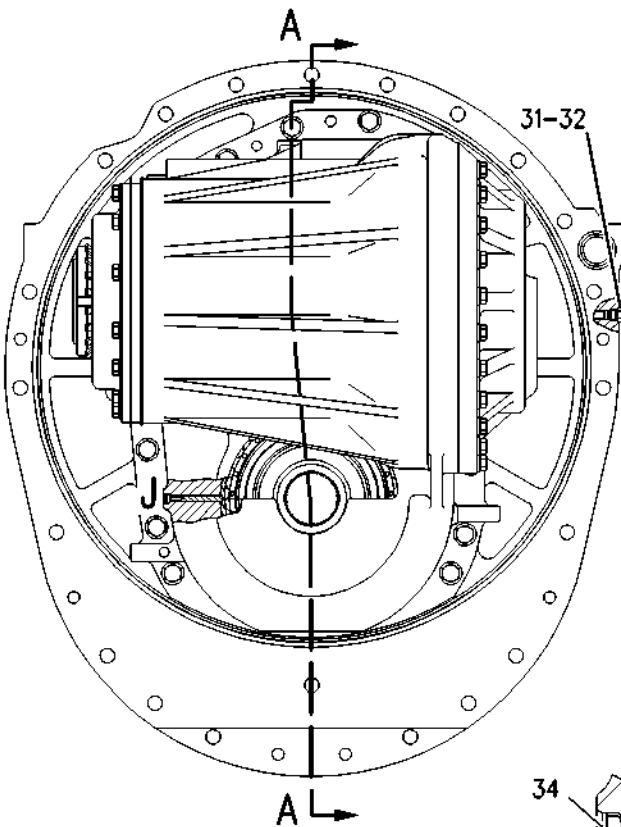
POWER TRAIN

116-9492 GEAR GP-BEVEL & TRANSFER (contd.)

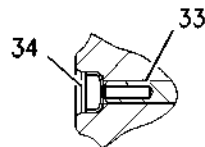
i01988688

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	55	2	5P-4043	2	BOLT-LOCKING (1/2-13X1.25 IN)	
	56	2	178-7586	1	COVER	
	57	2	5P-6241	12	BOLT-LOCKING (5/8-11X2.62 IN)	
	58	2	119-3376	1	COVER-BEARING	
	59	3	8M-5661	1	SEAL-O-RING	
	60	3	8M-4447	1	SEAL-O-RING	
	61	2	6T-2203	2	DOWEL	
	62	2,3	8M-4986	2	SEAL-O-RING	
	63	3	6V-6654	1	BEARING AS	
	64	3	119-3378	1	COUPLER AS	
		3	4S-8541	1	DOWEL	
	65	2	6Y-4736	1	CUP-BEARING	

B-USE AS REQUIRED



VIEW C-C



VIEW OF AREA J

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

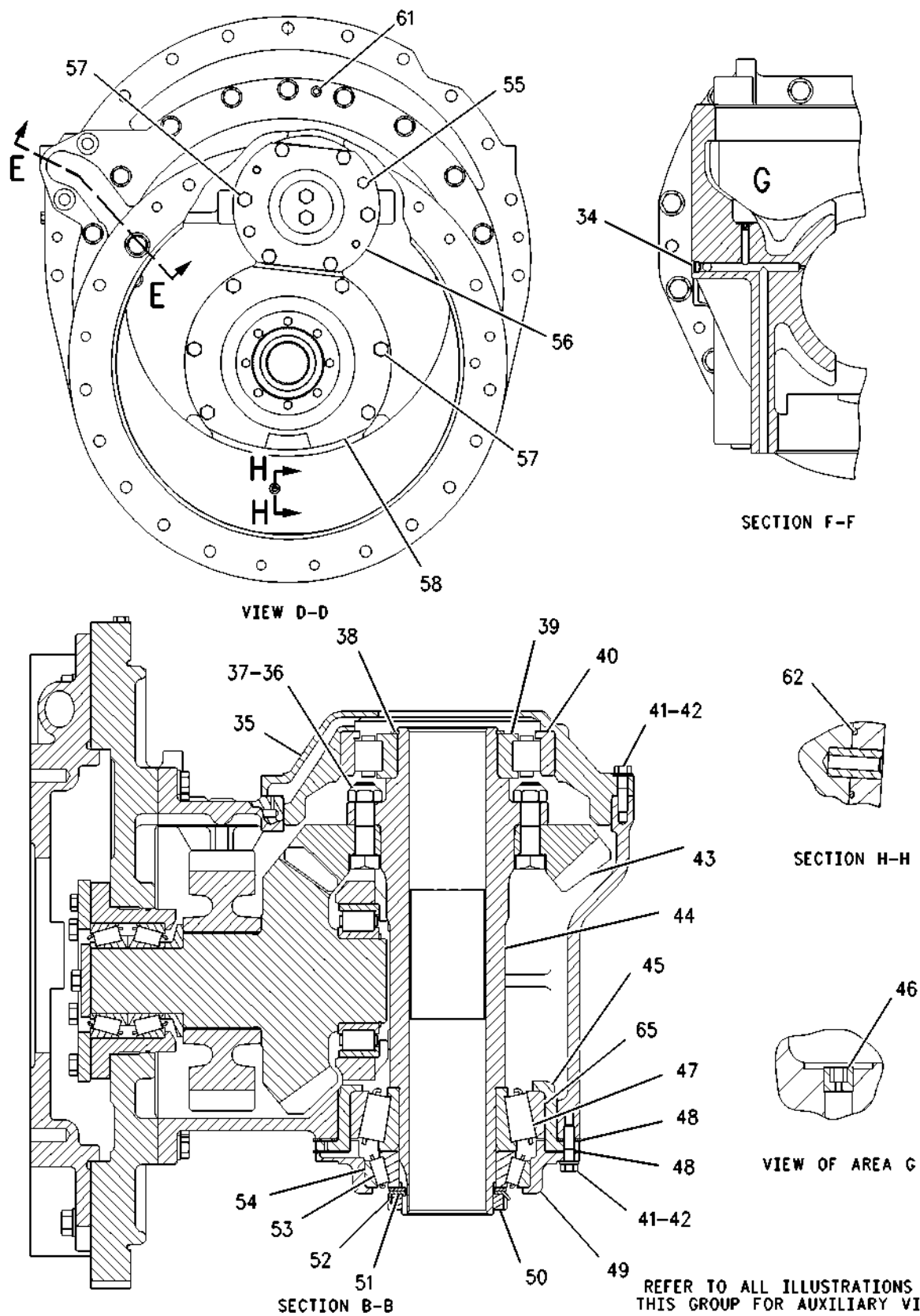
GRAPHIC #1

g00654266

POWER TRAIN

116-9492 GEAR GP-BEVEL & TRANSFER (contd.)

101988688



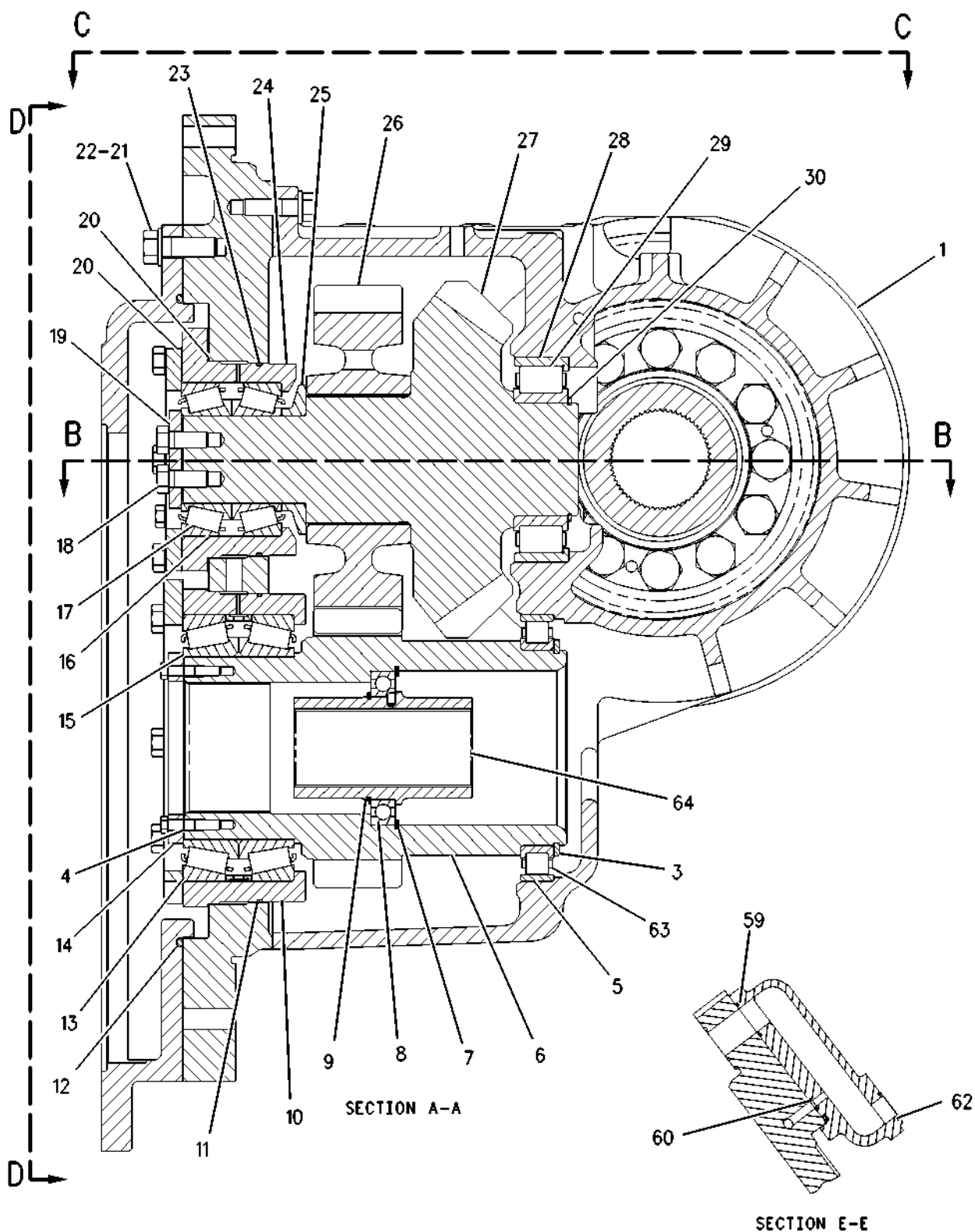
GRAPHIC #2

g00654267

POWER TRAIN

116-9492 GEAR GP-BEVEL & TRANSFER (contd.)

i01988688



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #3

<END>

g00654268

POWER TRAIN

183-2272 GEAR GP-BEVEL & TRANSFER

S/N: 1SY1147-UP

PART OF 116-9491 TRANSMISSION AR

SMCS-3011

i01992074

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	183-2265	1	HOUSING AS	
		1	5P-8248	4	WASHER-HARD (20X36.5X3.5MM THK)	
		1	9X-8885	4	BOLT (3/4-10X2.25 IN)	
	2	1	119-3378	1	COUPLER AS	
		1	4S-8541	1	DOWEL	
	3	1	151-3258	1	RING-RETAINING	
	4	1	6V-6654	1	BEARING AS-SPECIAL (INNER)	
	5	1	3P-2564	1	RACE-BEARING OUTER	
	6	1	116-9502	1	GEAR-TRANSFER (21 TEETH)	
	7	1	7S-3004	1	RING-RETAINING	
	8	1	3P-2582	1	BALL BEARING	
	9	1	1M-9653	1	RING-RETAINING	
	10	1	116-9500	1	CAGE-BEARING	
	11	1	5P-2545	1	SEAL-O-RING	
	12	1	5D-6428	1	SEAL-O-RING	
	13	1	119-4132	1	BEARING AS-SPECIAL (TAPERED)	
	14	1	138-0427	1	COVER-BEARING	
	15	1	0S-1590	8	BOLT (3/8-16X2 IN)	
	16	1	119-4140	2	CUP-SPECIAL TAPERED	
	17	1	119-4139	2	CONE-SPECIAL TAPERED	
	18	1	5P-4254	2	BOLT-LOCKING (5/8-18X1.5 IN)	
	19	1	183-2256	1	RETAINER	
B	20	1	9G-9295	4	SHIM PACK (INCLUDES 16 SHIMS)	
	21	1	9X-8885	9	BOLT (3/4-10X2.25 IN)	
	22	1	5P-8248	9	WASHER-HARD (20X36.5X3.5MM THK)	
	23	1	2K-2939	1	SEAL-O-RING	
	24	1	116-9494	1	CAGE-BEARING	
	25	1	183-2258	1	SPACER	
	26	1	183-2259	1	GEAR-TRANSFER (27 TEETH)	
	27	1	183-2257	1	PINION-BEVEL	
	28	1	240-5921	1	RACE-SPECIAL ROLLER (OUTER)	
	29	1	240-5920	1	BEARING AS-SPECIAL (INNER)	
	30	1	8C-8550	1	RING-RETAINING	
	31	1	9S-4191	1	PLUG	
	32	1	3J-1907	1	SEAL-O-RING	
	33	1	3T-8876	1	DOWEL	
	34	1,3	0T-0200	6	PLUG-CUP	
	35	2	116-9504	1	CAGE-BEARING	
	36	2	2K-7471	12	LOCKNUT	
	37	2	9S-1367	12	BOLT (1-14X3.75 IN)	
	38	2	8T-7583	1	RING	
	39	2	119-4135	1	RACE-BEARING (INNER)	
	40	2	119-4136	1	RACE-ROLLER BEARING (OUTER)	
	41	2	5P-4143	34	BOLT-LOCKING (1/2-13X2 IN)	
	42	2,3	5P-8245	36	WASHER-HARD (13.5X25.5X3MM THK)	
	43	2	141-6346	1	GEAR-BEVEL (26 TEETH)	
	44	2	141-6347	1	SHAFT-BEVEL	
	45	2	116-9495	1	CAGE-BEARING	
	46	2	6Y-4736	1	CUP-BEARING	
	47	2	119-4133	1	CONE-SPECIAL TAPERED	
B	48	2	119-3380	4	SHIM PACK (INCLUDES 18 SHIMS)	
	49	2	116-9501	1	CAGE-BEARING	
	50	2	119-3711	1	NUT-BEARING	
	51	2	119-3381	1	WASHER-BEARING LOCK	
	52	2	119-3851	1	LOCKWASHER	
	53	2	119-4137	1	CONE-SPECIAL TAPERED	

POWER TRAIN

183-2272 GEAR GP-BEVEL & TRANSFER (contd.)

i01992074

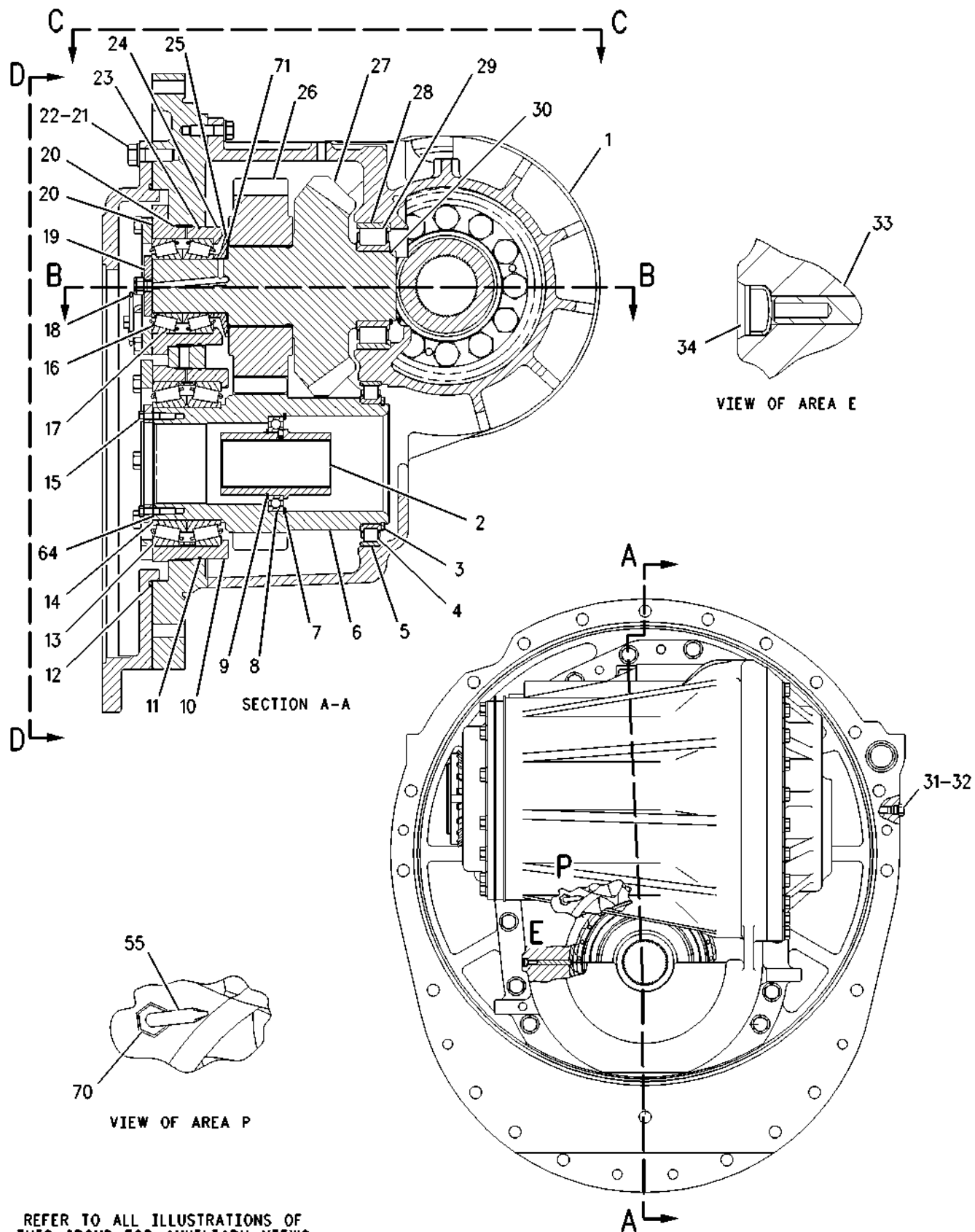
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	54	2	1M-6573	1	CUP-BEARING	
	55	1	187-8039	1	TUBE AS	
	56	3	178-7586	1	COVER	
	57	3	5P-6241	12	BOLT-LOCKING (5/8-11X2.62 IN)	
	58	3	119-3376	1	COVER-BEARING	
	59	3	8M-5661	1	SEAL-O-RING	
	60	3	8M-4447	1	SEAL-O-RING	
	61	3	6T-2203	2	DOWEL	
	62	3	8M-4986	2	SEAL-O-RING	
	63	3	125-3942	1	PLUG-PIPE	
B	64	1	138-0428	1	SHIM PACK (INCLUDES 9 SHIMS)	
	65	3	188-0782	1	TUBE AS	
	66	3	155-6400	2	BUSHING	
	67	3	8K-5443	2	CLIP	
	68	3	6V-0314	2	BOLT-LOCKING	
	69	3	6L-3616	1	CONNECTOR	
	70	1	4H-6141	1	CONNECTOR	
	71	1	161-8068	1	SEAL-O-RING	

B-USE AS REQUIRED

POWER TRAIN

183-2272 GEAR GP - BEVEL & TRANSFER (contd.)

i01992074



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

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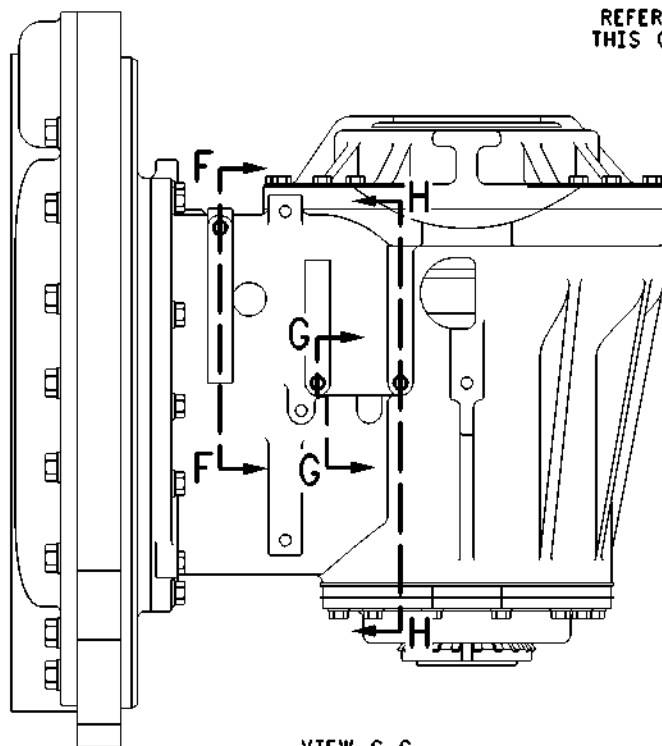
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POWER TRAIN

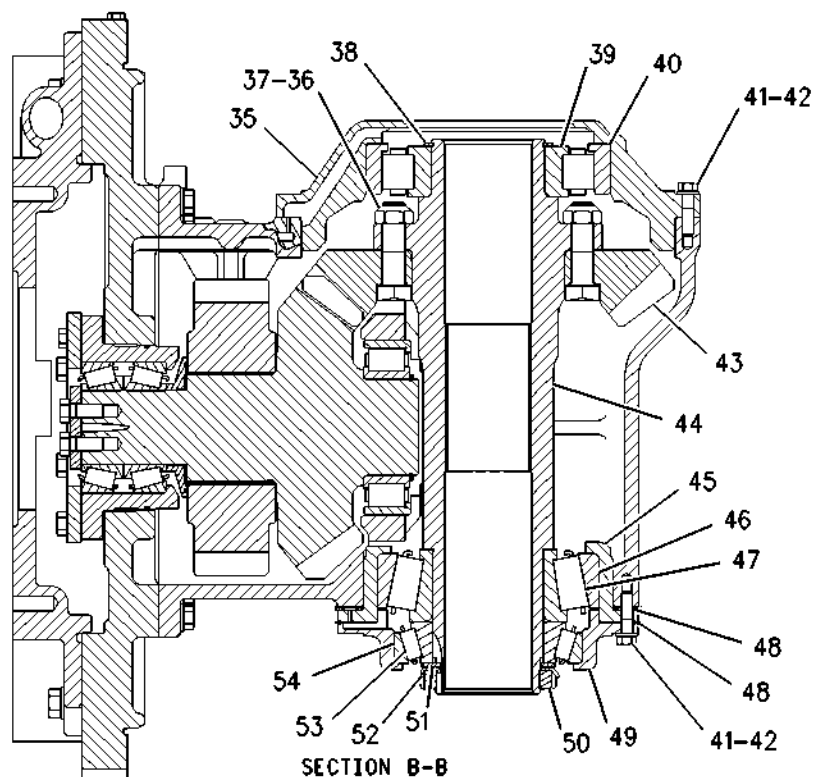
183-2272 GEAR GP-BEVEL & TRANSFER (contd.)

i01992074

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



VIEW C-C



SECTION B-B

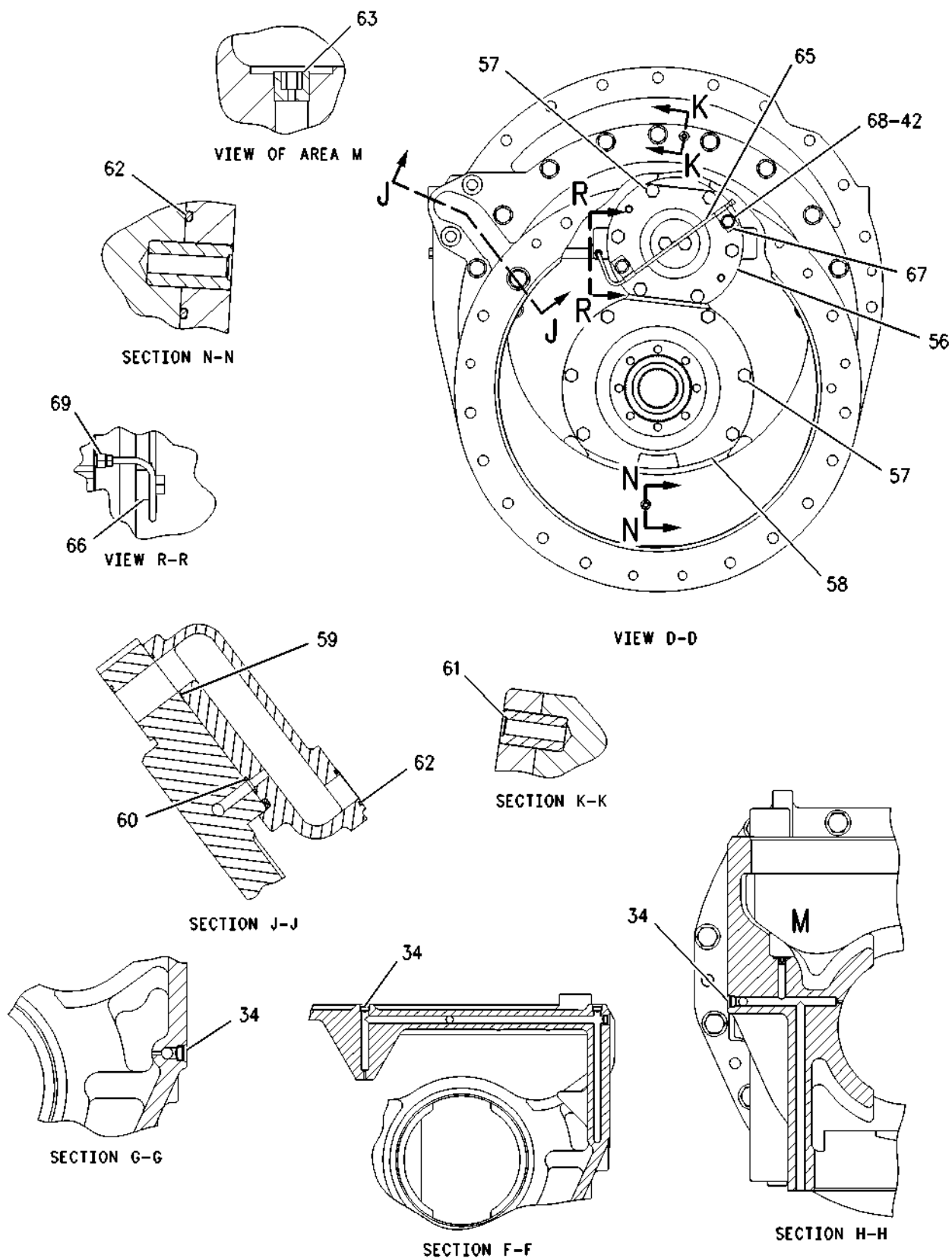
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POWER TRAIN

183-2272 GEAR GP-BEVEL & TRANSFER (contd.)

i01992074



GRAPHIC #3

<END>

g00798758

POWER TRAIN

127-9444 GUARD GP-COUPLING-PUMP DRIVE

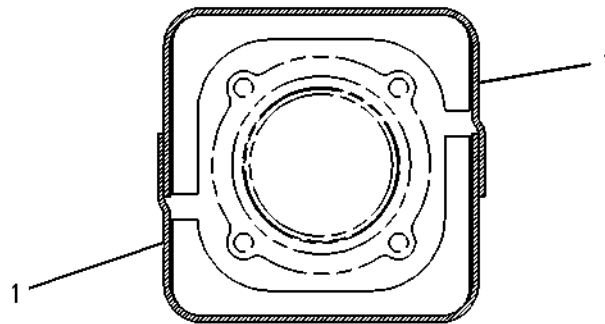
S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

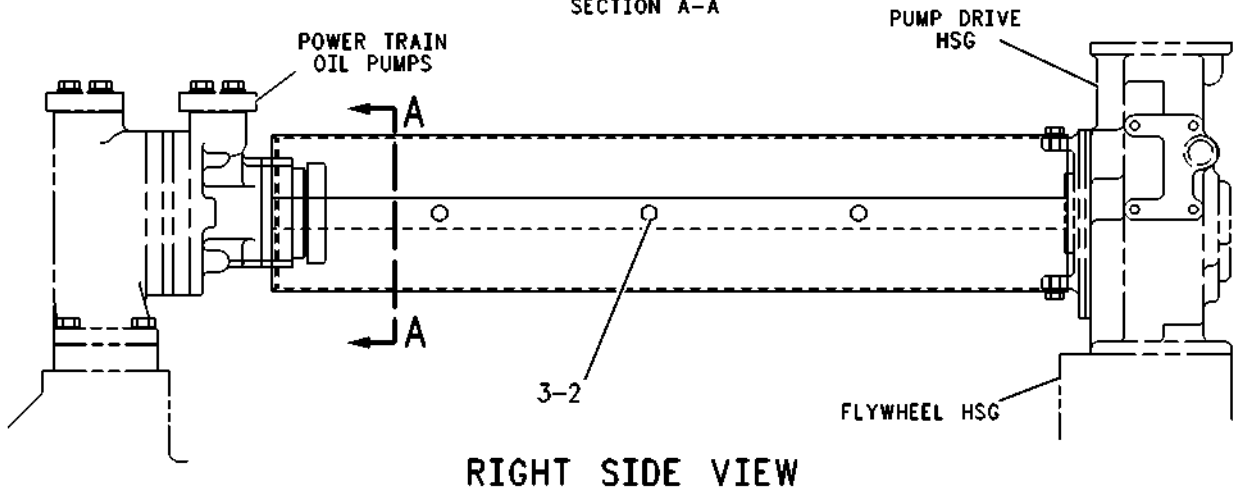
SMCS-7153

i01289409

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	130-6254	2	GUARD AS	
					(EACH INCLUDES)	
		1	1F-0750	3	NUT-WELD (3/8-16 THD)	
	2	1	5M-3062	10	BOLT (3/8-16X.75 IN)	
	3	1	8T-4896	10	WASHER-HARD (2.5MM THK)	



SECTION A-A



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00272021

POWER TRAIN

127-7480 LINES GP-POWER TRAIN OIL

S/N: 7PZ1-663

PART OF 112-9167 POWER TRAIN AR

SMCS-3016

i01989511

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3T-3980	1	BRACKET AS	
		1	1F-0748	1	NUT-WELD (1/2-13 THD)	
		1	5H-9394	1	BOSS (3/8-16X1.0 IN)	
	2	1	4D-6763	1	ELBOW	
	3	1	5J-6796	4	STUD-TAPERLOCK	
	4	1	6T-5376	1	ADAPTER	
	5	1	3J-1907	1	SEAL-O-RING	
		1	6V-0852	1	CAP-DUST	
		1	6V-3965	1	FITTING (QUICK DISCONNECT)	
Y	6	1	8E-9727	1	VALVE GP-RELIEF	480
	7	1	150-1241	1	TUBE AS	
I	8	1	8W-0234	1	HOSE AS	
	9	1	9P-5925	1	COVER	
	10	1	9S-4181	1	PLUG	
		1	7M-8485	1	SEAL-O-RING	
	11	1	9S-8010	1	PLUG	
		1	2S-4078	1	SEAL-O-RING	
Y	12	1	112-5326	1	VALVE GP-PRIORITY	478
Y	13	1	142-5000	1	PUMP GP-GEAR	455
	14	1	126-5512	1	SLEEVE	
		1	112-1574	2	SEAL-O-RING	
	15	1	144-0500	1	HOUSING	
I	16	1	145-1850	1	HOSE AS	
I	17	1	145-1851	1	HOSE AS	
	18	1	130-3395	1	MANIFOLD	
	19	1	130-3398	1	TUBE AS	
	20	1	130-3399	1	TUBE AS	
	21	1	130-6747	1	SCREEN AS (POWER TRAIN OIL LINES)	
I	22	1	145-7316	1	HOSE AS	
	23	1	145-1852	1	TUBE AS	
	24	1	137-8476	2	ORIFICE	
	25	1	1P-3708	2	SEAL-RECTANGULAR	
	26	1	1P-4578	8	FLANGE-HALF	
	27	1	1P-4579	6	FLANGE-HALF	
	28	1	1P-4582	14	FLANGE-HALF	
	29	1	1T-0765	3	BOLT (3/8-16X1 IN)	
	30	1	2P-3538	1	SEAL-O-RING	
	31	1	3E-8026	4	CLIP (SLOT)	
		1	3E-8027	4	CLIP (TAB)	
	32	1	3K-0360	1	SEAL-O-RING	
		1	6V-8639	1	CONNECTOR	
	33	1	5P-2566	16	BOLT (1/2-13X1.5 IN)	
	34	1	5P-7464	1	CLIP (SLOT)	
		1	5P-7465	1	CLIP (TAB)	
	35	1	5P-7468	2	CLIP (SLOT)	
	36	1	6V-3835	1	SEAL-O-RING	
	37	1	5P-7469	2	CLIP (TAB)	
	38	1	7X-0331	3	BOLT (1/2-13X4.25 IN)	
	39	1	6V-5102	1	SEAL-O-RING	
	40	1	6V-8182	4	NUT (3/4-10 THD)	
	41	1	6V-8398	2	SEAL-O-RING	
	42	1	7X-0290	4	BOLT (3/8-16X3.50 IN)	
	43	1	7X-0308	16	BOLT (7/16-14X1.375 IN)	
	44	1	9M-9729	1	SEAL-O-RING	
	45	1	7X-0332	1	BOLT (1/2-13X4.5 IN)	
	46	1	8C-4436	4	BOLT (1/2-13X1.375 IN)	

POWER TRAIN

127-7480 LINES GP-POWER TRAIN OIL (contd.)

i01989511

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	47	1	8M-4390	8	SEAL-O-RING	
	48	1	8M-4443	2	SEAL-O-RING	
	49	1	8M-4986	5	SEAL-O-RING	
	50	1	8M-4992	1	SEAL-O-RING	
	51	1	8M-5010	1	SEAL-O-RING	
	52	1	8M-5127	1	SEAL-O-RING	
	53	1	8M-5254	1	SEAL-O-RING	
	54	1	8M-5661	2	SEAL-O-RING	
	55	1	8M-8157	2	SEAL-O-RING	
	56	1	8T-4223	67	WASHER-HARD (13.5X25.5X3MM THK)	
	57	1	8T-4835	4	BOLT (1/2-13X2 IN)	
	58	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	59	1	8T-4994	4	WASHER-HARD (20X36.5X3.5MM THK)	
	60	1	8T-5360	16	WASHER (12X22.5X2.5MM THK)	
	61	1	8T-8917	11	BOLT (1/2-13X1.25 IN)	
	62	1	8T-8919	28	BOLT (1/2-13X1.75 IN)	
	63	2	9S-4183	1	PLUG	
	64	2	3T-4014	4	CLAMP	
I	65	2	144-7358	1	HOSE AS	
I	66	2	3T-6868	1	HOSE AS	
I	67	2	147-2013	1	HOSE AS	
I	68	2	3T-6870	1	HOSE AS	
I	69	2	3T-6871	1	HOSE AS	
I	70	2	147-3313	1	HOSE AS	
I	71	2	3T-6874	1	HOSE AS	
	72	2	138-9162	1	GAUGE AS-OIL LEVEL (DIPSTICK)	
	73	2	4B-7739	1	PLUG-DRAIN (CASE & FRAME)	
I	74	2	5L-1410	1	HOSE AS	
	75	2	6N-2985	1	CAP AS-OIL FILLER (POWER TRAIN)	
	76	2	6T-0258	1	ELBOW	
	77	2	6T-6618	1	BRACKET AS	
		2	1F-0750	1	NUT-WELD (3/8-16THD)	
		2	9F-2978	1	NUT-WELD (3/8-16 THD)	
	78	2	6V-0852	1	CAP-DUST	
		2	6V-3965	1	FITTING (QUICK DISCONNECT)	
	79	2	9G-9981	1	BREATHER (POWER TRAIN)	
	80	2	9P-0214	1	SCREEN AS (POWER TRAIN)	
I	81	2	141-9503	1	HOSE AS	
		2	6V-9746	2	SEAL-O-RING	
	82	2	130-3396	1	TUBE AS	
	83	2	8C-3446	1	VALVE AS-FLUID SAMPLING	
	84	2	8C-3447	1	CAP-DUST	
	85	2	130-3397	1	TUBE AS	
	86	2	9B-7237	6	BOLT (3/8-16X1.25 IN)	
Y	87	2	133-1301	2	FILTER GP-OIL	413
I	88	2	137-3587	1	HOSE AS	
	89	2	137-4621	1	TUBE AS	
	90	2	6V-9002	1	ELBOW	
	91	2	1P-4578	18	FLANGE-HALF	
	92	2	1P-4579	2	FLANGE-HALF	
	93	2	1P-4582	4	FLANGE-HALF	
	94	2	2B-0858	1	PLUG-PIPE	
	95	2	3D-2824	3	SEAL-O-RING	
	96	2	3J-1907	2	SEAL-O-RING	
	97	2	3J-7354	1	SEAL-O-RING	
	98	2	3K-0360	2	SEAL-O-RING	
	99	2	5M-3038	1	SEAL-O-RING	
	100	2	3E-8026	1	CLIP (SLOT)	
		2	3E-8027	1	CLIP (TAB)	

POWER TRAIN

127-7480 LINES GP-POWER TRAIN OIL (contd.)

i01989511

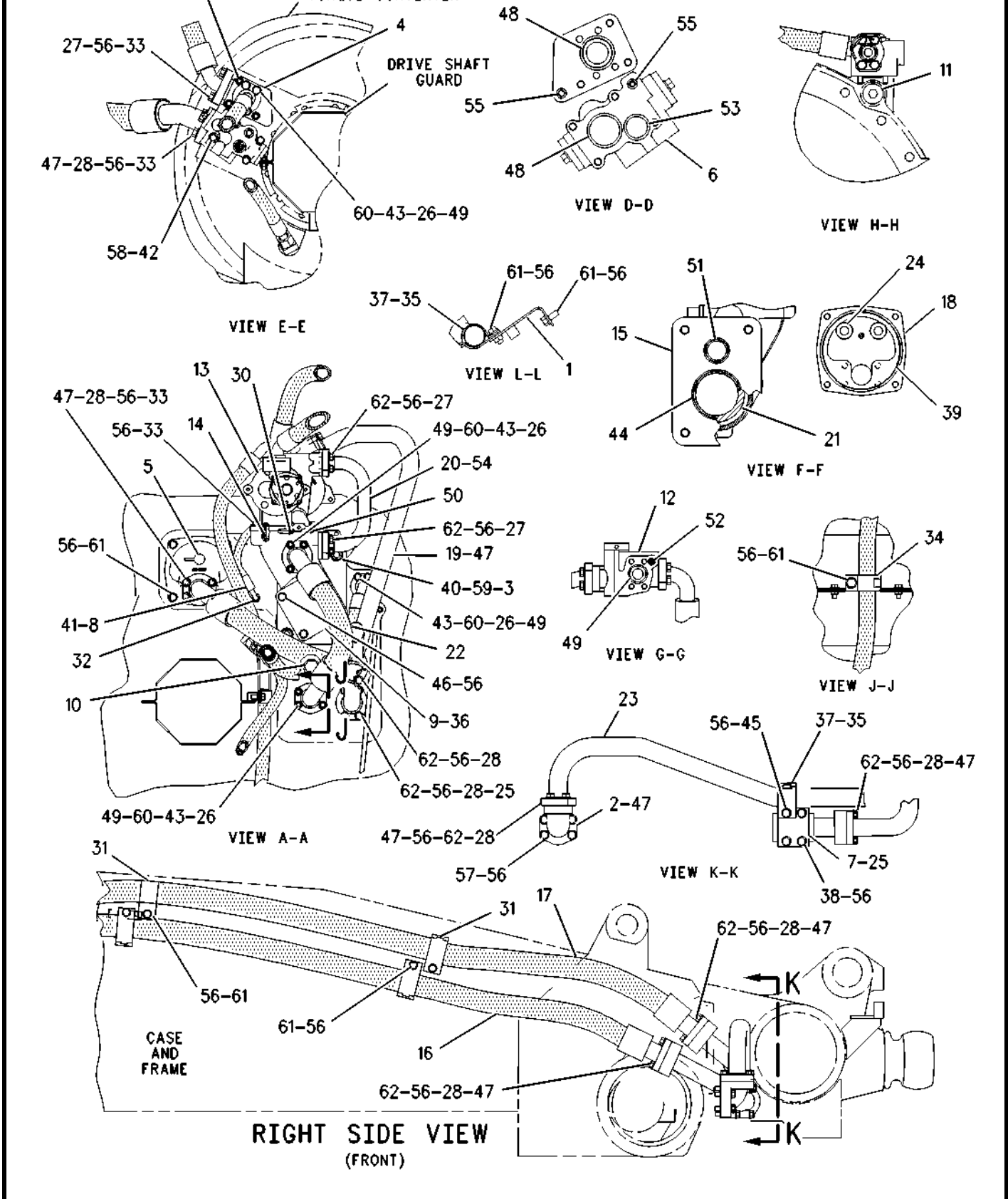
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	101	2	5P-2566	22	BOLT (1/2-13X1.5 IN)						
	102	2	5P-7466	1	CLIP (SLOT)						
		2	5P-7467	1	CLIP (TAB)						
	103	2	5P-9617	1	ADAPTER						
	104	2	5S-7349	1	BOLT (1/4-20X0.5 IN)						
		2	8T-4205	1	WASHER-HARD (7.2X14.5X2MM THK)						
	105	2	5S-7379	5	BOLT (3/8-16X0.875 IN)						
	106	2	6V-8625	1	ELBOW						
	107	2	6V-8801	1	NUT (3/8-16 THD)						
	108	2	6V-9004	2	ELBOW						
	109	2	7X-0308	36	BOLT (7/16-14X1.375 IN)						
	110	2	7X-0317	4	BOLT (7/16-14X3.75 IN)						
	111	2	8M-4390	2	SEAL-O-RING						
	112	2	8M-4986	11	SEAL-O-RING						
	113	2	8M-4987	1	SEAL-O-RING						
	114	2	8M-5661	2	SEAL-O-RING						
	115	2	8T-2502	4	BOLT (3/8-16X1.125 IN)						
	116	2	8T-4223	26	WASHER-HARD (13.5X25.5X3MM THK)						
	117	2	8T-4896	21	WASHER-HARD (10.2X18.5X2.5MM THK)						
	118	2	8T-5360	40	WASHER (12X22.5X2.5MM THK)						
	119	2	8T-8917	2	BOLT (1/2-13X1.25 IN)						
	120	2	144-0498	1	SPACER						
	121	2	138-3251	2	SPACER						
	122	2	7X-0292	2	BOLT (3/8-16X4.50 IN)						
	123	2	147-4711	2	BRACKET						
	124	2	3P-4165	2	CLAMP AS						
	125	2	141-0863	1	ANGLE AS						
	126	2	4L-6454	2	BOLT (3/8-16X1 IN)						
	127	2	7X-0303	1	BOLT						
	128	2	7X-0289	4	BOLT (3/8-16X1.875 IN)						
	129	2	1K-6872	2	LOCKNUT (1/2-13 THD)						
	130	2	6V-8398	1	SEAL-O-RING						
	131	2	072-4568	1	NIPPLE-PIPE						
	132	2	003-9514	1	COUPLING-PIPE						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
Y-SEPARATE ILLUSTRATION

POWER TRAIN

127-7480 LINES GP-POWER TRAIN OIL (contd.) i01989511

29 TORQUE CONVERTER



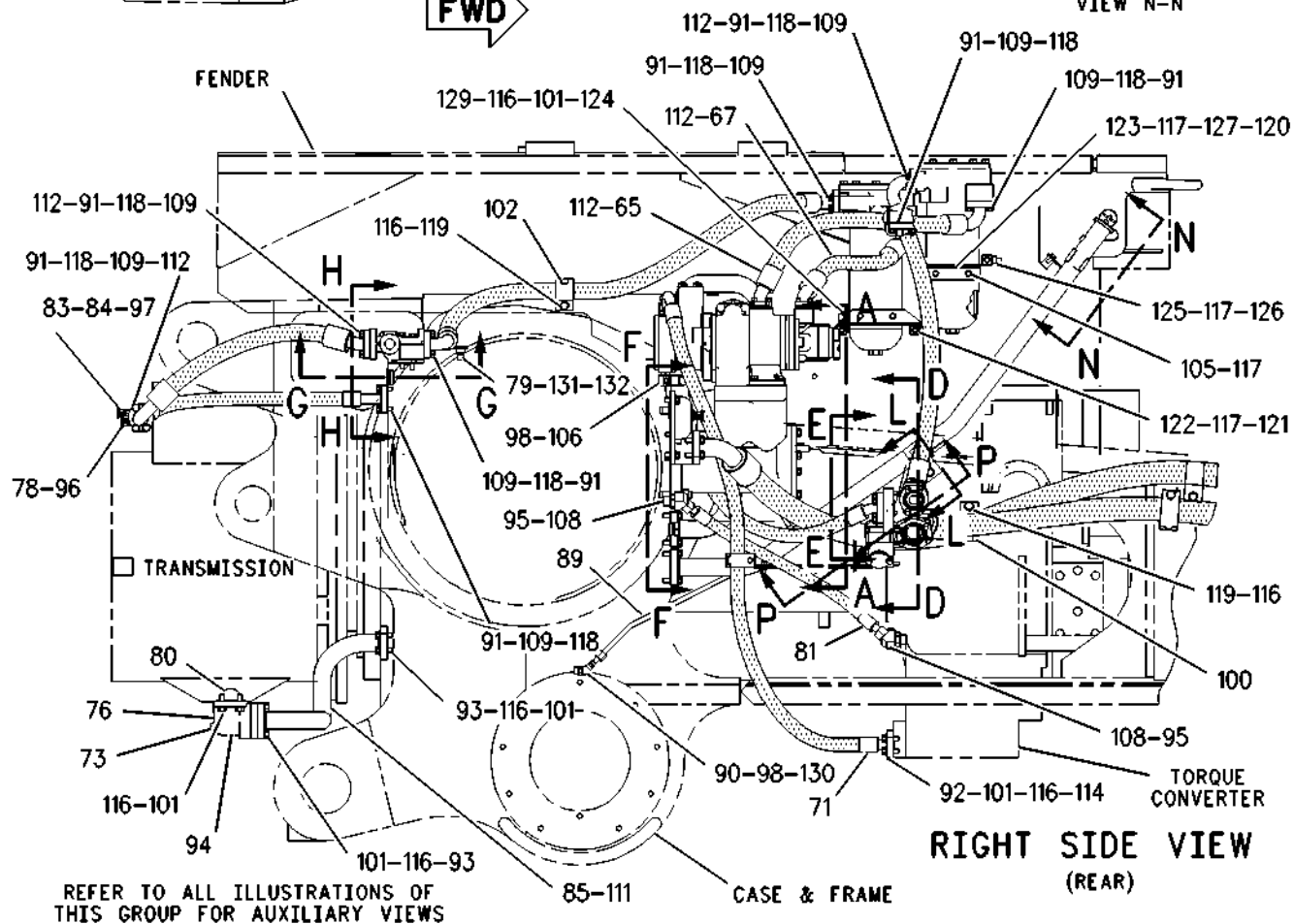
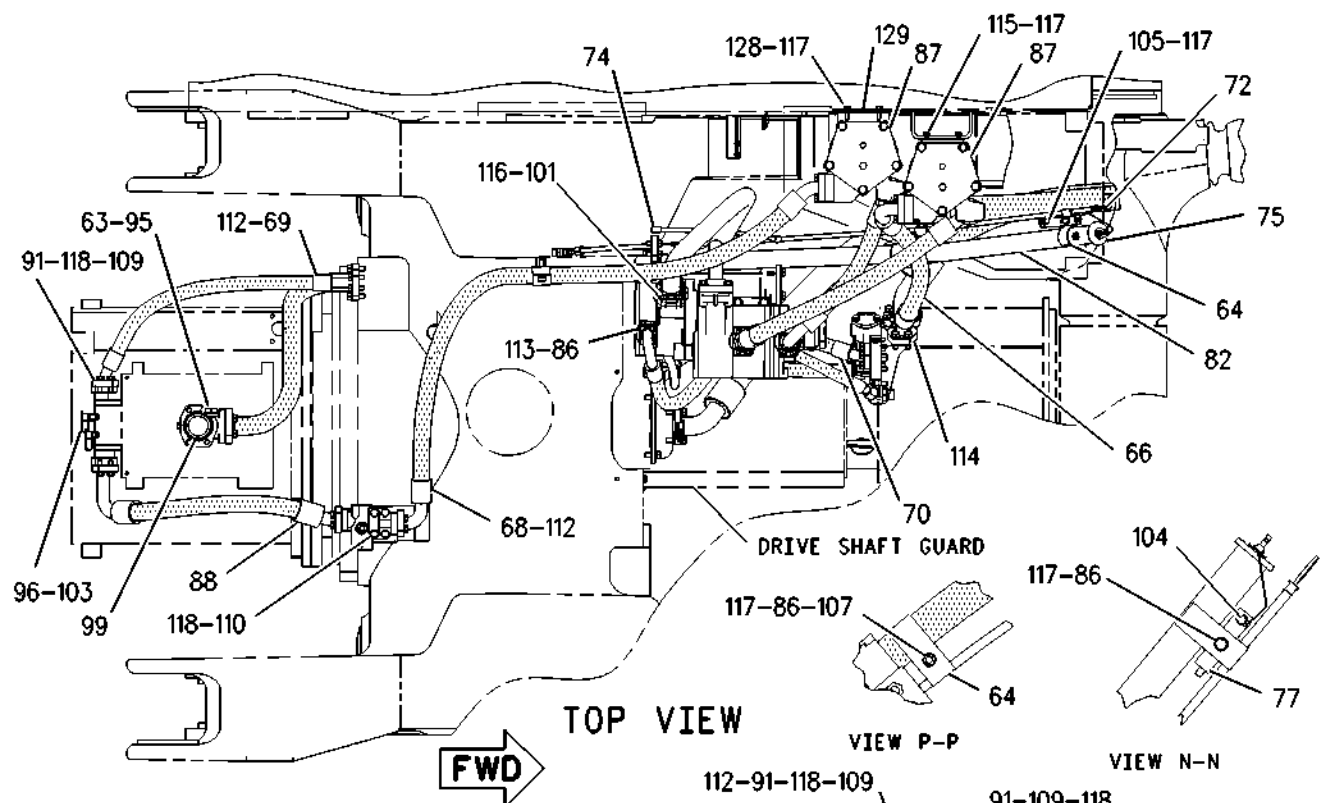
GRAPHIC #1

SEPR2017-22 4 of 5 POWER TRAIN 435

POWER TRAIN

127-7480 LINES GP-POWER TRAIN OIL (contd.)

i01989511



GRAPHIC #2

<END>

g00764510

POWER TRAIN

127-7480 LINES GP-POWER TRAIN OIL

S/N: 7PZ664-UP

PART OF 112-9167 POWER TRAIN AR

SMCS-3016

i02029599

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1, 2	3P-4165	2	CLAMP AS	
	2	1	3T-3980	1	BRACKET AS	
		1	1F-0748	1	NUT-WELD (1/2-13-THD)	
		1	5H-9394	1	BOSS (3/8-16X1.0-IN)	
	3	1	3T-4014	4	CLAMP	
I	4	1	3T-6868	1	HOSE AS	
I	5	1	3T-6870	1	HOSE AS	
I	6	1	3T-6871	1	HOSE AS	
I	7	1	3T-6874	1	HOSE AS	
	8	1	4B-7739	1	PLUG-DRAIN (POWER TRAIN)	
	9	1	4D-6763	1	ELBOW	
	10	2	5J-6796	4	STUD-TAPERLOCK	
I	11	2	5L-1410	1	HOSE AS	
	12	1	6N-2985	1	CAP AS-OIL FILLER (POWER TRAIN)	
	13	1	6T-0258	1	ELBOW	
	14	2	6T-5376	1	ADAPTER	
	15	1	6T-6618	1	BRACKET AS	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
		1	9F-2978	1	NUT-WELD (3/8-16-THD)	
	16	2	6V-0852	2	CAP-DUST	
	17	2	6V-3965	2	FITTING (QUICK DISCONNECT) (POWER TRAIN)	
	18	2	8C-3446	1	VALVE AS-FLUID SAMPLING	
	19	2	8C-3447	1	CAP-DUST	
Y	20	1	8E-9727	1	VALVE GP-RELIEF (POWER TRAIN OIL)	480
I	21	2	8W-0234	1	HOSE AS	
	22	1	9G-9981	1	BREATHER (POWER TRAIN)	
	23	1	9P-0214	1	SCREEN AS (POWER TRAIN)	
	24	2	9P-5925	1	COVER	
	25	2	9S-4181	1	PLUG	
	26	1	9S-8010	1	PLUG	
Y	27	1	112-5326	1	VALVE GP-PRIORITY (TRANSMISSION CONTROL)	478
	28	2	126-5512	1	SLEEVE	
	29	1	130-3395	1	MANIFOLD	
	30	1	130-3396	1	TUBE AS	
	31	1	130-3397	1	TUBE AS	
	32	2	130-3398	1	TUBE AS	
	33	2	130-3399	1	TUBE AS	
	34	1	130-6747	1	SCREEN AS (POWER TRAIN)	
	35	2	132-8876	2	FILTER ELEMENT AS-OIL (HYDRAULIC) (TRANSMISSION)	
Y	36	1	133-1301	2	FILTER GP-OIL	413
I	37	1	137-3587	1	HOSE AS	
	38	1	137-4621	1	TUBE AS	
	39	1	137-8476	2	ORIFICE	
	40	2	138-3251	2	SPACER	
	41	1	138-9162	1	GAUGE AS-OIL LEVEL (DIPSTICK)	
	42	2	141-0863	1	ANGLE AS	
I	43	1	141-9503	1	HOSE AS	
Y	44	2	142-5000	1	PUMP GP-GEAR	455
	45	2	144-0498	1	SPACER	
	46	1	144-0500	1	HOUSING	
I	47	1	144-7358	1	HOSE AS	
I	48	1	145-1850	1	HOSE AS	
I	49	1	145-1851	1	HOSE AS	
	50	1	145-1852	1	TUBE AS	
I	51	2	145-7316	1	HOSE AS	

POWER TRAIN

127-7480 LINES GP-POWER TRAIN OIL (contd.)

i02029599

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	52	1	147-2013	1	HOSE AS	
	53	1	147-4711	2	BRACKET	
	54	2	148-8305	1	ADAPTER GP	
		2	3J-1907	1	SEAL-O-RING	
		2	5P-9617	1	ADAPTER	
	55	2	148-8340	1	CONNECTOR GP	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8639	1	CONNECTOR	
	56	1	148-8354	1	ELBOW GP	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-9002	1	ELBOW	
	57	1	148-8364	1	ELBOW AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8625	1	ELBOW	
	58	2	148-8408	1	PLUG AS	
		2	3D-2824	1	SEAL-O-RING	
		2	9S-4183	1	PLUG	
59	1	150-1241	1	TUBE AS		
60	1	153-6237	2	ELBOW GP		
	1	3D-2824	1	SEAL-O-RING		
	1	6V-9004	1	ELBOW		
	1	6V-9746	1	SEAL-O-RING		
CI	61	1	229-5679	1	HOSE AS	
	62	1	003-9514	1	COUPLING-PIPE	
	63	1	072-4568	1	NIPPLE-PIPE	
	64	2	112-1574	2	SEAL-O-RING	
	65	1,2	1K-6872	2	LOCKNUT (1/2-13-THD)	
	66	1	1P-3708	2	SEAL-RECTANGULAR	
	67	1,2	1P-4578	26	FLANGE-HALF	
	68	1,2	1P-4579	8	FLANGE-HALF	
	69	1,2	1P-4582	18	FLANGE-HALF	
	70	2	1T-0765	3	BOLT (3/8-16X1-IN)	
	71	1	2B-0858	1	PLUG-PIPE	
	72	2	2P-3538	1	SEAL-O-RING	
	73	1	2S-4078	1	SEAL-O-RING	
	74	1	3E-8026	5	CLIP (SLOT)	
	75	1	3E-8027	5	CLIP (TAB)	
	76	2	3J-1907	2	SEAL-O-RING	
	77	2	3J-7354	1	SEAL-O-RING	
	78	1,2	4L-6454	2	BOLT (3/8-16X1-IN)	
	79	2	5M-3038	1	SEAL-O-RING	
	80	1,2	5P-2566	38	BOLT (1/2-13X1.5-IN)	
C	81	2	5P-7464	2	CLIP (SLOT)	
C	82	2	5P-7465	2	CLIP (TAB)	
	83	1	5P-7466	1	CLIP (SLOT)	
	84	1	5P-7467	1	CLIP (TAB)	
	85	1	5P-7468	2	CLIP (SLOT)	
	86	1	5P-7469	2	CLIP (TAB)	
	87	1	5S-7349	1	BOLT (1/4-20X0.5-IN)	
	88	1	5S-7379	5	BOLT (3/8-16X0.875-IN)	
	89	2	6V-3835	1	SEAL-O-RING	
	90	1	6V-5102	1	SEAL-O-RING	
	91	2	6V-8182	4	NUT (3/4-10-THD)	
	92	1	6V-8801	1	NUT (3/8-16-THD)	
	93	2	7M-8485	1	SEAL-O-RING	
	94	2	7X-0289	4	BOLT (3/8-16X1.875-IN)	

POWER TRAIN

127-7480 LINES GP - POWER TRAIN OIL (contd.)

i02029599

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	95	2	7X-0290	4	BOLT (3/8-16X3.50-IN)						
	96	1	7X-0292	2	BOLT (3/8-16X4.50-IN)						
	97	2	7X-0303	1	BOLT						
	98	1,2	7X-0308	52	BOLT (7/16-14X1.375-IN)						
	99	2	7X-0317	4	BOLT (7/16-14X3.75-IN)						
	100	1	7X-0331	3	BOLT (1/2-13X4.25-IN)						
	101	1	7X-0332	1	BOLT (1/2-13X4.5-IN)						
	102	2	8C-4436	4	BOLT (1/2-13X1.375-IN)						
	103	1,2	8M-4390	10	SEAL-O-RING						
	104	1	8M-4443	2	SEAL-O-RING						
	105	1,2	8M-4986	16	SEAL-O-RING						
	106	1	8M-4987	1	SEAL-O-RING						
	107	2	8M-4992	1	SEAL-O-RING						
	108	1	8M-5010	1	SEAL-O-RING						
	109	1	8M-5127	1	SEAL-O-RING						
	110	1	8M-5254	1	SEAL-O-RING						
	111	1,2	8M-5661	4	SEAL-O-RING						
	112	1	8M-8157	2	SEAL-O-RING						
	113	2	8T-2502	4	BOLT (3/8-16X1.125-IN)						
	114	1	8T-4205	1	WASHER-HARD (7.2X14.5X2-MM THK)						
	115	1,2	8T-4223	93	WASHER-HARD (13.5X25.5X3-MM THK)						
	116	1	8T-4835	4	BOLT (1/2-13X2-IN)						
C	117	1,2	8T-4896	26	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	118	2	8T-4994	4	WASHER-HARD (20X36.5X3.5-MM THK)						
	119	1,2	8T-5360	56	WASHER (12X22.5X2.5-MM THK)						
	120	1,2	8T-8917	13	BOLT (1/2-13X1.25-IN)						
	121	1,2	8T-8919	28	BOLT (1/2-13X1.75-IN)						
C	122	1,2	9B-7237	7	BOLT (3/8-16X1.25-IN)						
	123	1	9M-9729	1	SEAL-O-RING						

C-CHANGE FROM PREVIOUS TYPE

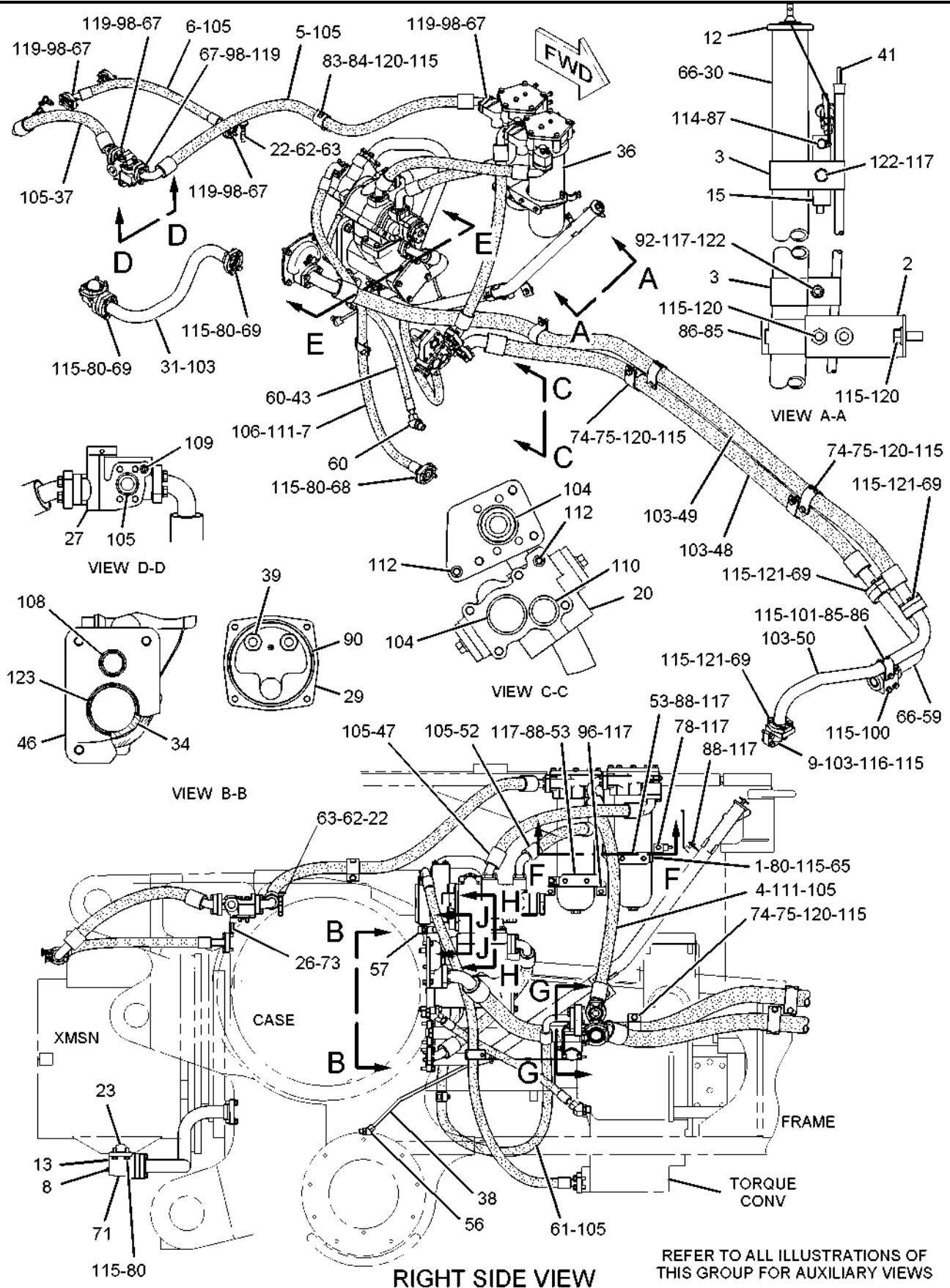
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

POWER TRAIN

127-7480 LINES GP-POWER TRAIN OIL (contd.)

102029599



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

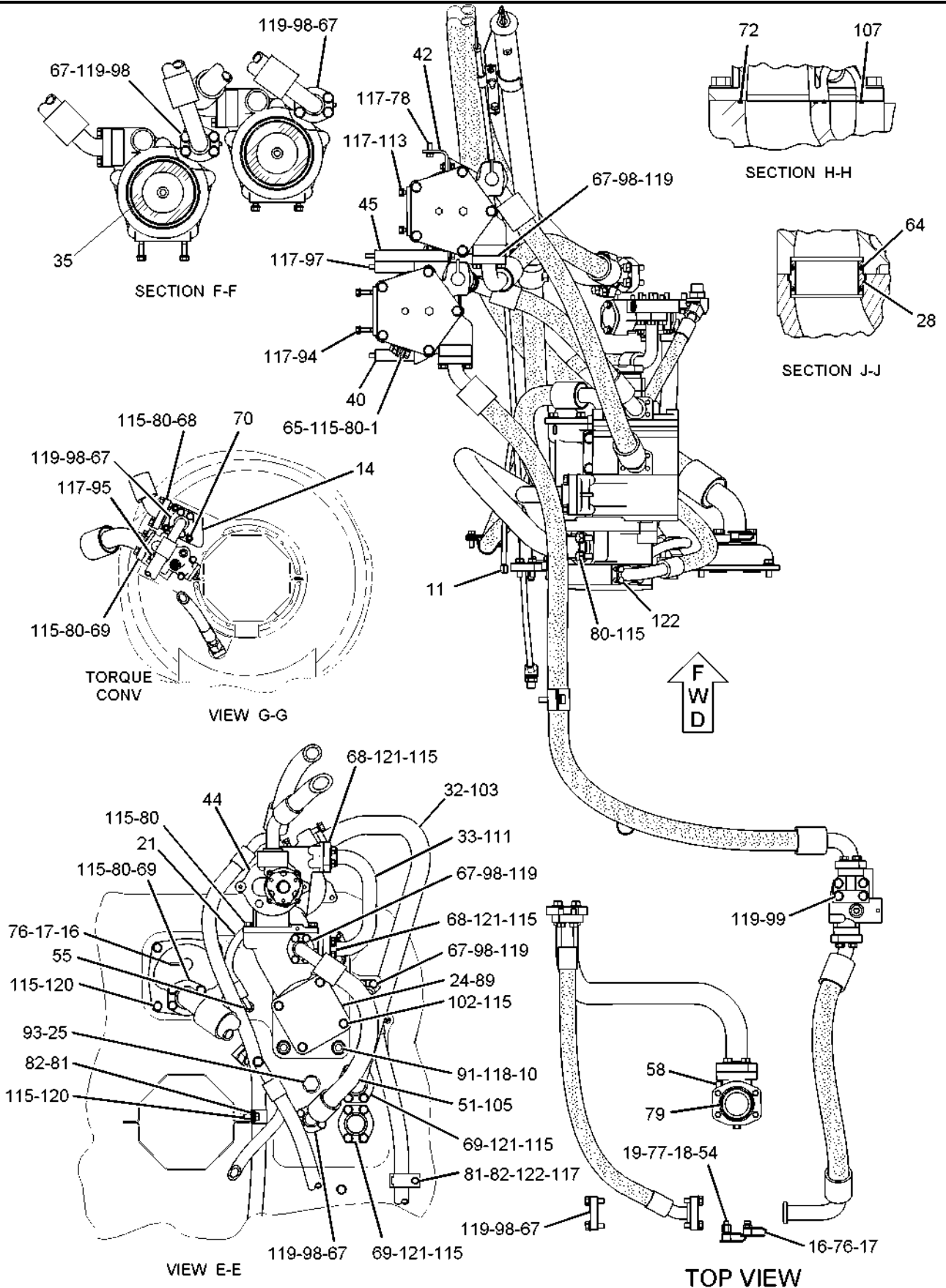
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g01029494

POWER TRAIN

127-7480 LINES GP - POWER TRAIN OIL (contd.)

i02029599



GRAPHIC #2

<END>

g01029495

POWER TRAIN

127-7486 MOUNTING GP-TRANSMISSION

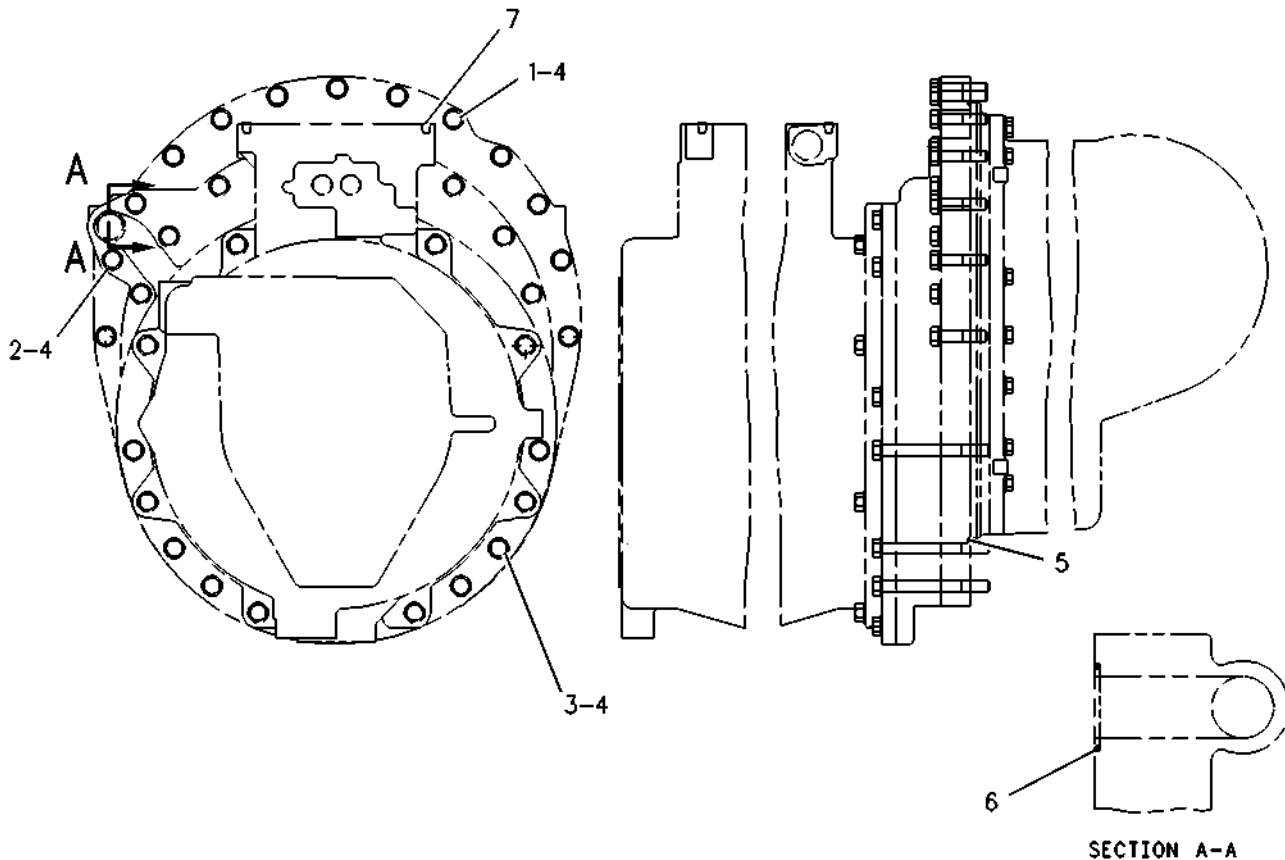
S/N: 7PZ1-UP

PART OF 112-9167 POWER TRAIN AR

SMCS-3082

i01707327

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-0369	11	BOLT (3/4-10X3.25 IN)						
	2	1	8C-8842	2	BOLT (3/4-10X4 IN)						
	3	1	1J-8930	6	BOLT (3/4-10X7.5 IN)						
	4	1	8T-4994	19	WASHER-HARD (20X36.5X3.5MM THK)						
	5	1	5P-4057	1	SEAL-O-RING						
	6	1	8M-5661	1	SEAL-O-RING						
	7	1	8C-5224	4	PLUG-SEAL						



GRAPHIC #1

<END>

g00272215

POWER TRAIN

116-4623 PLANETARY GP-TRANSMISSION

S/N: 1SY1-1157

PART OF 116-9505 TRANSMISSION AR

SMCS-3160

i01563462

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	5P-1670	17	BOLT (3/4-10X18.5 IN)	
		1	2S-0115	17	WASHER-HARD (20X36.5X5MM THK)	
	2	1	147-2696	1	HOUSING-CLUTCH	
	3	1	6Y-1365	1	PLATE AS-CENTER	
		1	3F-3442	2	DOWEL	
	4	1	6Y-5875	1	HOUSING-CLUTCH	
	5	1	0S-0509	4	BOLT (3/8-16X0.75 IN)	
	6	1	5S-5880	2	LOCK-NUT	
	7	1	6V-6458	3	RING-RETAINING	
	8	1	8P-5839	1	HOUSING-CLUTCH	
	9	1	5D-6428	2	SEAL-O-RING	
	10	1	3T-6366	1	HOUSING AS-SUPPORT	
	11	1	1D-4569	12	BOLT (1/2-13X4.25 IN)	
		1	1T-0808	12	WASHER (.516X.812X0.09IN THK)	
	12	1	3P-7570	1	RING-SEAL	
	13	1	8P-9569	1	RING-SEAL	
	14	1	9S-8008	2	PLUG-O-RING	
		1	3D-2824	2	SEAL-O-RING	
	15	1	3E-4371	1	RING-RETAINING	
	16	1	6Y-7269	1	HOUSING AS-ROTATION	
		1	7M-5130	1	PIN-SPRING	
		1	7M-8480	2	DOWEL	
		1	9G-0647	1	CARRIER-RING	
	17	1	6Y-7260	1	SHAFT AS-OUTPUT	
		1	1T-0766	2	BEARING-SLEEVE	
		1	4S-8537	1	DOWEL	
	18	1	6Y-8123	1	SHAFT AS	
		1	6Y-8122	1	PLUG-ORIFICE	
	19	1	9U-9498	1	CAGE-BEARING	
	20	1	5P-8245	7	WASHER-HARD (13.5X25.5X3MM THK)	
		1	7B-3235	7	BOLT (1/2-13X1.375 IN)	
	21	1	3P-7832	6	DOWEL	
	22	1	0S-1594	8	BOLT (3/8-16X1 IN)	
	23	1	4M-5397	4	LOCK-NUT	
	24	1	0S-1591	6	BOLT (3/8-16X1.5 IN)	
		1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5MM THK)	
	25	1	0L-2070	2	BOLT (3/8-16X2.25 IN)	
	26	2	8E-8310	8	DISC-THRUST	
	27	2	3P-7564	1	GEAR-SUN (47 TEETH)	
	28	2	7G-3467	4	GEAR-PLANETARY (20 TEETH)	
	29	2	5M-7925	4	BEARING-ROLLER	
	30	2	3P-7558	4	SHAFT AS-PLANETARY	
					(EACH INCLUDES)	
		2	3S-0036	1	PLUG-CORE	
	31	2	7G-3470	4	GEAR-PLANETARY (22 TEETH)	
	32	2	1P-3958	4	ROLLER AS-SPECIAL	
	33	2	8E-8316	24	DISC-THRUST	
	34	2	9G-9603	6	DOWEL	
	35	2	1S-9110	8	ROLLER AS	
	36	2	2H-9445	8	PIN-SPRING	
	37	2	5L-5032	1	SEAL-O-RING	
	38	2	5P-6727	1	BALL BEARING	
	39	2	6Y-5874	1	RETAINER-BEARING	
	40	2	8P-7236	1	RETAINER	
	41	2	8P-7243	1	CARRIER-RING	
	42	2	5P-6726	1	RING-RETAINING (132.82MM ID)	

POWER TRAIN

116-4623 PLANETARY GP-TRANSMISSION (contd.)

i01563462

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	43	2	115-0761	1	CARRIER AS	
		2	4B-9782	4	BALL (9.525MM)	
		2	4S-8541	1	DOWEL	
	44	2	115-0763	1	COUPLING	
	45	2	156-2828	1	PISTON-CLUTCH	
	46	2	8E-0985	19	DISC AS-CLUTCH	
R	47	2	3P-7584	15	PLATE-CLUTCH	
	48	2	119-3379	1	GEAR-COUPLING	
	49	2	3P-7149	1	CAGE-BEARING	
	50	2	5P-6651	1	RING-RETAINING	
	51	2	188-4655	1	GEAR AS-RING (82 TEETH)	
	52	2	156-2825	1	PISTON-CLUTCH	
	53	2	6Y-8116	1	HOUSING AS-CLUTCH	
		2	4D-8148	4	DOWEL	
	54	2	6I-9790	17	DAMPER-BOLT	
	55	2	3P-7601	2	PLATE-LOCK	
	56	2	187-1367	2	BEARING-SPECIAL BALL	
	57	3	8P-7242	4	SHAFT AS-PLANETARY (EACH INCLUDES)	
		3	2A-3746	1	PLUG-CUP	
	58	3	3K-2559	1	RING-RETAINING	
	59	3	3S-2708	5	PIN-SPRING	
	60	3	4H-7925	1	RING-METAL SEAL	
	61	3	6F-0155	2	RING-METAL SEAL	
	62	3	148-6559	1	BALL BEARING	
	63	3	8P-7244	1	GEAR-SUN (30 TEETH)	
	64	3	115-0764	1	RING-LOCK	
	65	3	9G-9557	2	RING-SEAL	
	66	3	3P-7612	4	RING-SEAL	
	67	3	3S-8035	2	RING-SEAL	
	68	3	6Y-7270	1	GEAR AS-SUN (38 TEETH)	
		3	4S-8537	1	DOWEL	
	69	3	4M-1708	1	RING	
	70	3	1N-5410	1	RING-RETAINING	
	71	3	3P-7563	1	GEAR-SUN (38 TEETH)	
	72	3	3P-7586	1	GEAR-RING (82 TEETH)	
	73	3	6Y-5951	1	PISTON-CLUTCH	
	74	3	7G-3469	4	GEAR-PLANETARY (24 TEETH)	
	75	3	3P-7575	1	GEAR-RING (85 TEETH)	
	76	3	7G-7745	1	PISTON-CLUTCH	
	77	3	8P-6292	1	RING-SEAL	
	78	3	169-7055	5	DISC-CLUTCH	
	79	3	8P-3133	1	HUB	
	80	3	3P-7006	1	CARRIER-PLANETARY	
R	81	3	3P-7447	4	PLATE-CLUTCH	
	82	3	6Y-5877	1	PISTON-CLUTCH	
	83	3	9S-8010	1	PLUG-O-RING	
		3	2S-4078	1	SEAL-O-RING	
	84	3	8F-6230	2	SEAL-O-RING	
	85	3	148-9643	2	RING-SEAL	
	86	3	5P-1669	1	BALL BEARING	
	87	3	3P-7566	12	SPRING	
	88	3	1B-2524	12	PIN	
	89	3	9H-5537	24	SPRING	
	90	3	6Y-7261	1	RING-SEAL	
	91	3	115-0767	1	CARRIER-PLANETARY	
	92	3	9W-9099	4	GEAR-PLANETARY (22 TEETH)	
	93	3	148-0330	4	BEARING	
	94	3	9W-9100	4	SHAFT-PLANETARY	

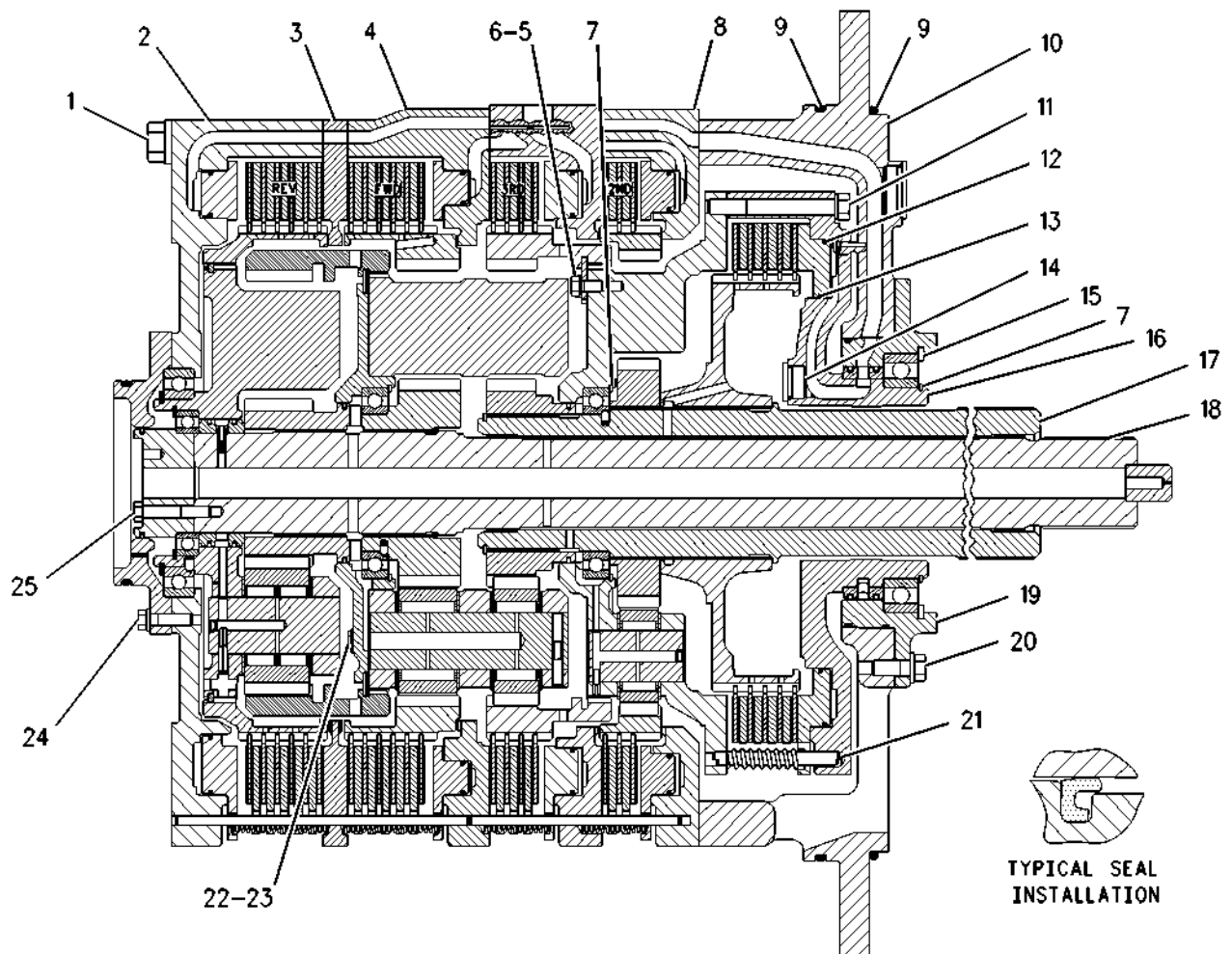
POWER TRAIN

116-4623 PLANETARY GP-TRANSMISSION (contd.)

i01563462

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	95	3	1S-8480	24	SPRING (20 COILS)						
	96	3	3P-7576	6	DOWEL						

R-REMFG PART MAY BE AVAILABLE



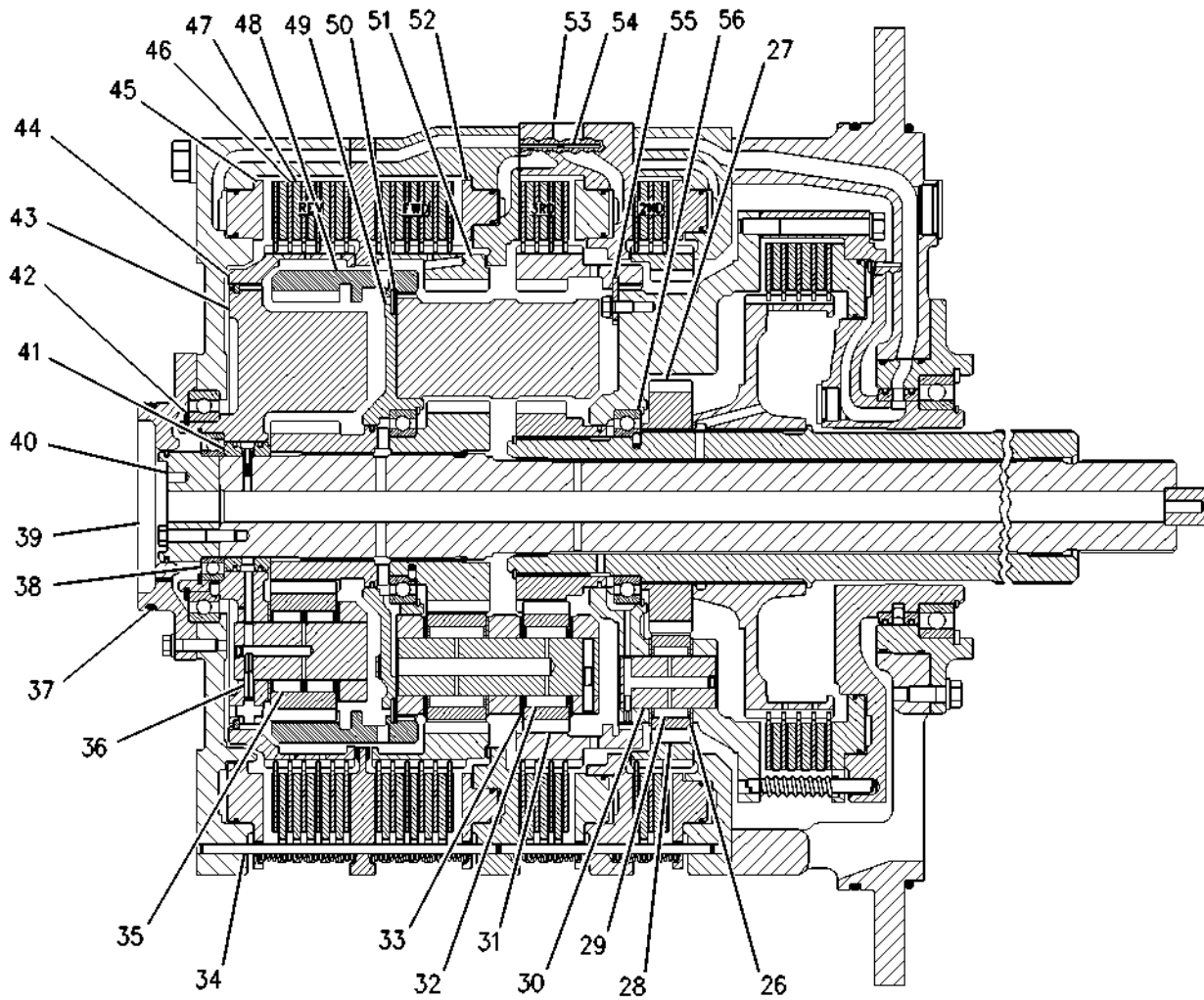
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g00638067

POWER TRAIN

116-4623 PLANETARY GP - TRANSMISSION (contd.)

i01563462



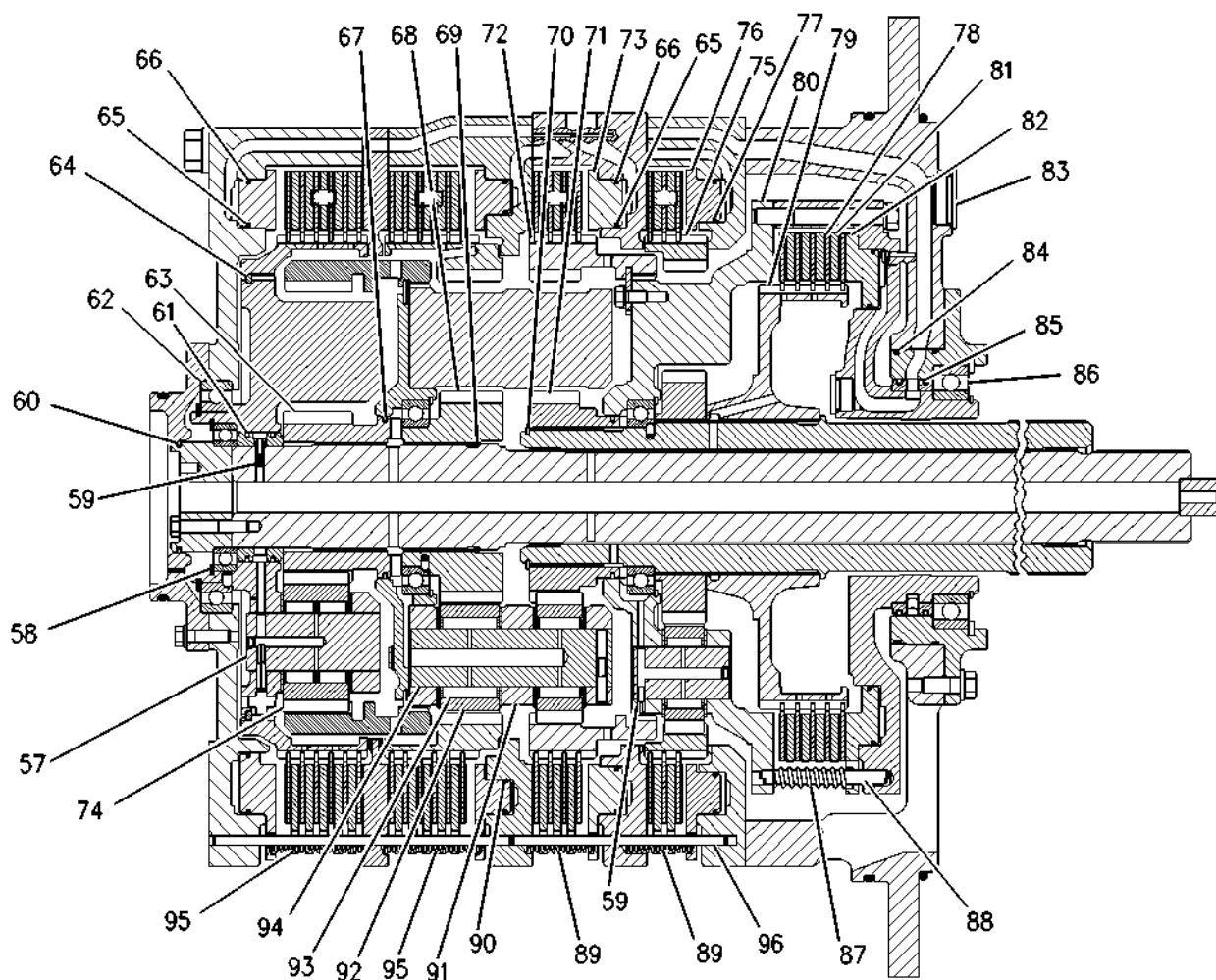
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POWER TRAIN

116-4623 PLANETARY GP-TRANSMISSION (contd.)

i01563462



GRAPHIC #3

<END>

g00638063

POWER TRAIN

194-3806 PLANETARY GP-TRANSMISSION

S/N: 1SY1158-UP

PART OF 194-3805 TRANSMISSION AR

SMCS-3160

i01622493

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	5P-1670	17	BOLT (3/4-10X18.5 IN)	
		1	2S-0115	17	WASHER-HARD (20X36.5X5MM THK)	
	2	1	194-3807	1	HOUSING-CLUTCH	
	3	1	194-3812	1	PLATE AS-CENTER	
		1	3F-3442	2	DOWEL	
	4	1	194-3814	1	HOUSING-CLUTCH	
	5	1	0S-0509	4	BOLT (3/8-16X0.75 IN)	
	6	1	5S-5880	2	LOCK-NUT	
	7	1	6V-6458	3	RING-RETAINING	
	8	1	194-3820	1	HOUSING-CLUTCH	
	9	1	5D-6428	2	SEAL-O-RING	
	10	1	3T-6366	1	HOUSING AS-SUPPORT	
	11	1	1D-4569	12	BOLT (1/2-13X4.25 IN)	
		1	1T-0808	12	WASHER (.516X.812X0.09IN THK)	
	12	1	3P-7570	1	RING-SEAL	
	13	1	8P-9569	1	RING-SEAL	
	14	1	9S-8008	2	PLUG	
		1	3D-2824	2	SEAL-O-RING	
	15	1	3E-4371	1	RING-RETAINING	
	16	1	6Y-7269	1	HOUSING AS-ROTATION	
		1	7M-5130	1	PIN-SPRING	
		1	7M-8480	2	DOWEL	
		1	9G-0647	1	CARRIER-RING	
	17	1	6Y-7260	1	SHAFT AS-OUTPUT	
		1	1T-0766	2	BEARING-SLEEVE	
		1	4S-8537	1	DOWEL	
	18	1	6Y-8123	1	SHAFT AS	
		1	6Y-8122	1	PLUG-ORIFICE	
	19	1	9U-9498	1	CAGE-BEARING	
	20	1	5P-8245	7	WASHER-HARD (13.5X25.5X3MM THK)	
		1	7B-3235	7	BOLT (1/2-13X1.375 IN)	
	21	1	3P-7832	6	DOWEL	
	22	1	0S-1594	8	BOLT (3/8-16X1 IN)	
	23	1	4M-5397	4	LOCK-NUT	
	24	1	0S-1591	6	BOLT (3/8-16X1.5 IN)	
		1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5MM THK)	
	25	1	0L-2070	2	BOLT (3/8-16X2.25 IN)	
	26	2	8E-8310	8	DISC-THRUST	
	27	2	3P-7564	1	GEAR-SUN (47 TEETH)	
	28	2	7G-3467	4	GEAR-PLANETARY (20 TEETH)	
	29	2	5M-7925	4	BEARING-ROLLER	
	30	2	3P-7558	4	SHAFT AS-PLANETARY	
					(EACH INCLUDES)	
		2	3S-0036	1	PLUG-CORE	
	31	2	7G-3470	4	GEAR-PLANETARY (22 TEETH)	
	32	2	1P-3958	4	ROLLER AS-SPECIAL	
	33	2	8E-8316	24	DISC-THRUST	
	34	2	191-4546	6	DOWEL-REACTION	
	35	2	1S-9110	8	ROLLER AS	
	36	2	2H-9445	8	PIN-SPRING	
	37	2	5L-5032	1	SEAL-O-RING	
	38	2	5P-6727	1	BALL BEARING	
	39	2	153-2838	1	RETAINER-BEARING	
	40	2	8P-7236	1	RETAINER	
	41	2	8P-7243	1	CARRIER-RING	
	42	2	5P-6726	1	RING-RETAINING (132.82MM ID)	

POWER TRAIN

194-3806 PLANETARY GP-TRANSMISSION (contd.)

i01622493

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	43	2	115-0761	1	CARRIER AS	
		2	4B-9782	4	BALL	
		2	4S-8541	1	DOWEL	
	44	2	115-0763	1	COUPLING	
	45	2	194-3809	1	PISTON-CLUTCH	
	46	2	8E-0985	19	DISC AS-CLUTCH	
	47	2	194-3811	15	PLATE-CLUTCH	
	48	2	119-3379	1	GEAR-COUPLING	
	49	2	3P-7149	1	CAGE-BEARING	
	50	2	5P-6651	1	RING-RETAINING	
	51	2	188-4655	1	GEAR AS-RING (82 TEETH)	
	52	2	194-3815	1	PISTON-CLUTCH	
	53	2	194-3816	1	HOUSING AS-CLUTCH	
		2	4D-8148	4	DOWEL	
	54	2	6I-9790	17	DAMPER-BOLT	
	55	2	3P-7601	2	PLATE-LOCK	
	56	2	187-1367	2	BEARING-SPECIAL BALL	
	57	3	8P-7242	4	SHAFT AS-PLANETARY (EACH INCLUDES)	
		3	2A-3746	1	PLUG-CUP	
	58	3	3K-2559	1	RING-RETAINING	
	59	3	3S-2708	5	PIN-SPRING	
	60	3	4H-7925	1	RING-METAL SEAL	
	61	3	6F-0155	2	RING-METAL SEAL	
	62	3	148-6559	1	BALL BEARING	
	63	3	8P-7244	1	GEAR-SUN (30 TEETH)	
	64	3	115-0764	1	RING-LOCK	
	65	3	9G-9557	2	RING-SEAL	
	66	3	3P-7612	4	RING-SEAL	
	67	3	3S-8035	2	RING-SEAL	
	68	3	6Y-7270	1	GEAR AS-SUN (38 TEETH)	
		3	4S-8537	1	DOWEL	
	69	3	4M-1708	1	RING	
	70	3	1N-5410	1	RING-RETAINING	
	71	3	3P-7563	1	GEAR-SUN (38 TEETH)	
	72	3	3P-7586	1	GEAR-RING (82 TEETH)	
	73	3	194-3819	1	PISTON-CLUTCH	
	74	3	7G-3469	4	GEAR-PLANETARY (24 TEETH)	
	75	3	3P-7575	1	GEAR-RING (85 TEETH)	
	76	3	194-3821	1	PISTON-CLUTCH	
	77	3	8P-6292	1	RING-SEAL	
	78	3	169-7055	5	DISC-CLUTCH	
	79	3	8P-3133	1	HUB	
	80	3	193-8609	1	CARRIER-PLANETARY	
R	81	3	3P-7447	4	PLATE-CLUTCH	
	82	3	6Y-5877	1	PISTON-CLUTCH	
	83	3	9S-8010	1	PLUG	
		3	2S-4078	1	SEAL-O-RING	
	84	3	8F-6230	2	SEAL-O-RING	
	85	3	148-9643	2	RING-SEAL	
	86	3	5P-1669	1	BALL BEARING	
	87	3	3P-7566	12	SPRING	
	88	3	1B-2524	12	PIN	
	89	3	9H-5537	24	SPRING	
	90	3	6Y-7261	1	RING-SEAL	
	91	3	115-0767	1	CARRIER-PLANETARY	
	92	3	9W-9099	4	GEAR-PLANETARY (22 TEETH)	
	93	3	148-0330	4	BEARING	
	94	3	9W-9100	4	SHAFT-PLANETARY	

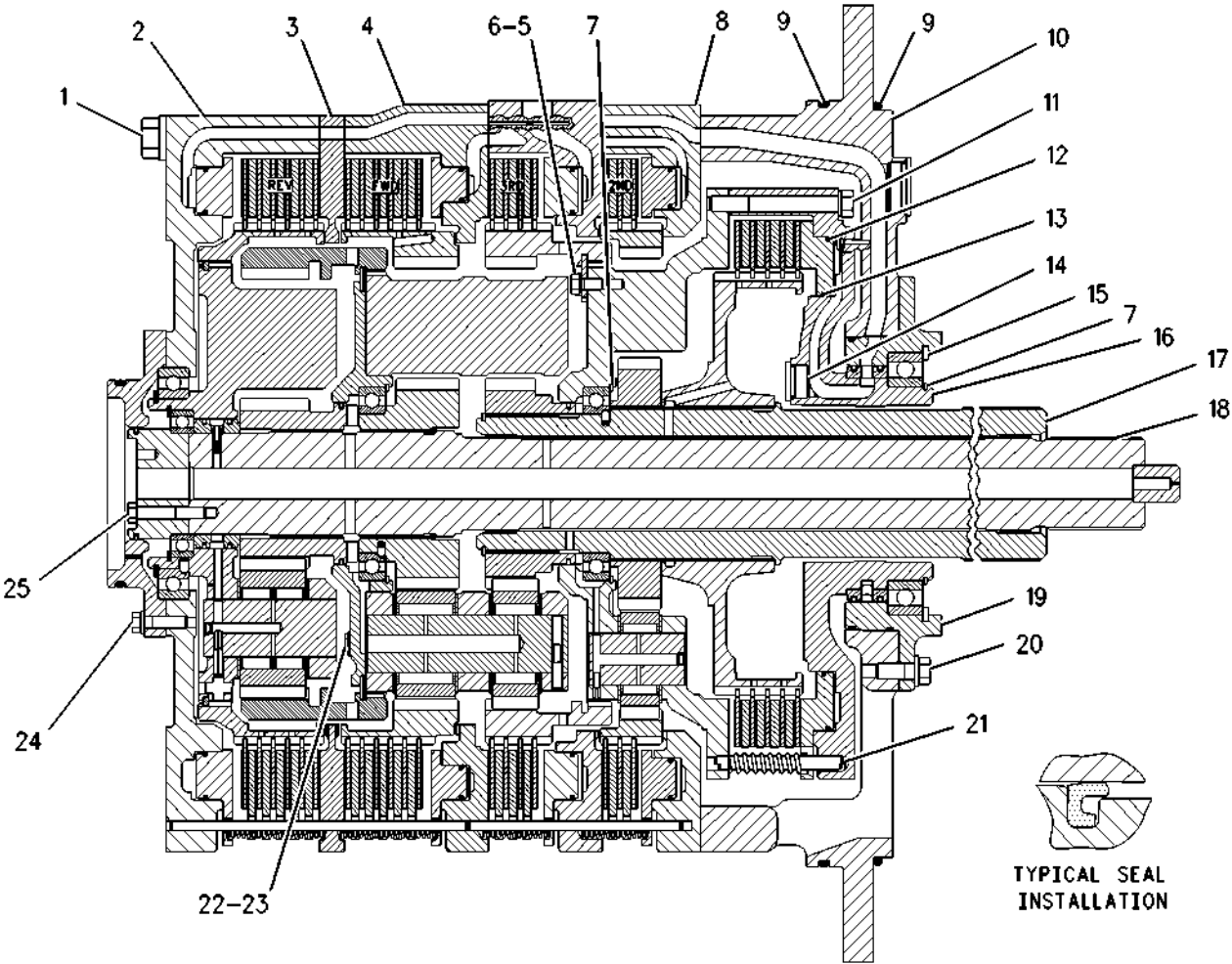
POWER TRAIN

194-3806 PLANETARY GP-TRANSMISSION (contd.)

i01622493

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	95	3	1S-8480	24	SPRING (.364X.562X3.27 IN)						
	96	3	194-3822	6	DOWEL-REACTION						

R-REMFG PART MAY BE AVAILABLE



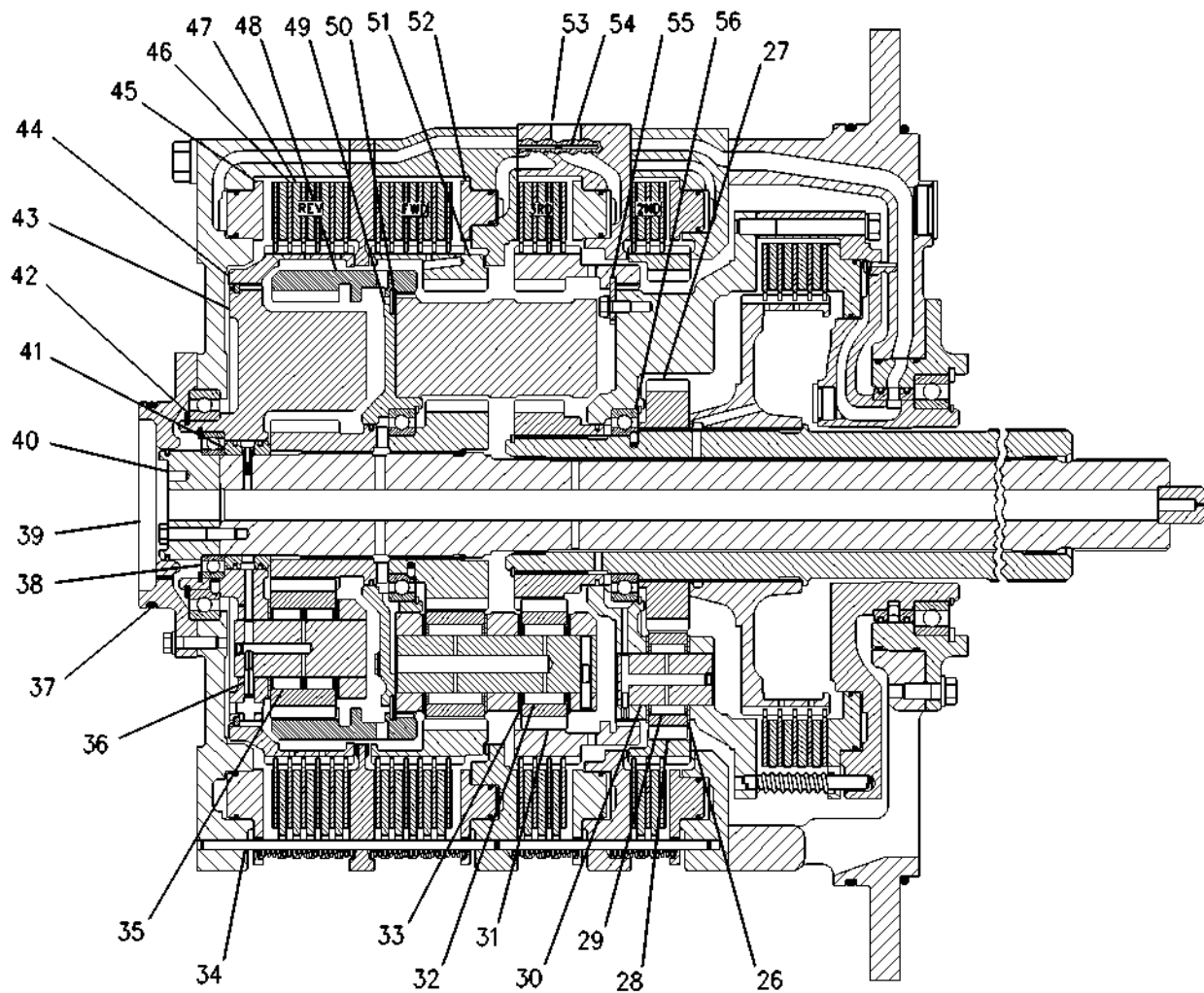
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g00857841

POWER TRAIN

194-3806 PLANETARY GP-TRANSMISSION (contd.)

i01622493



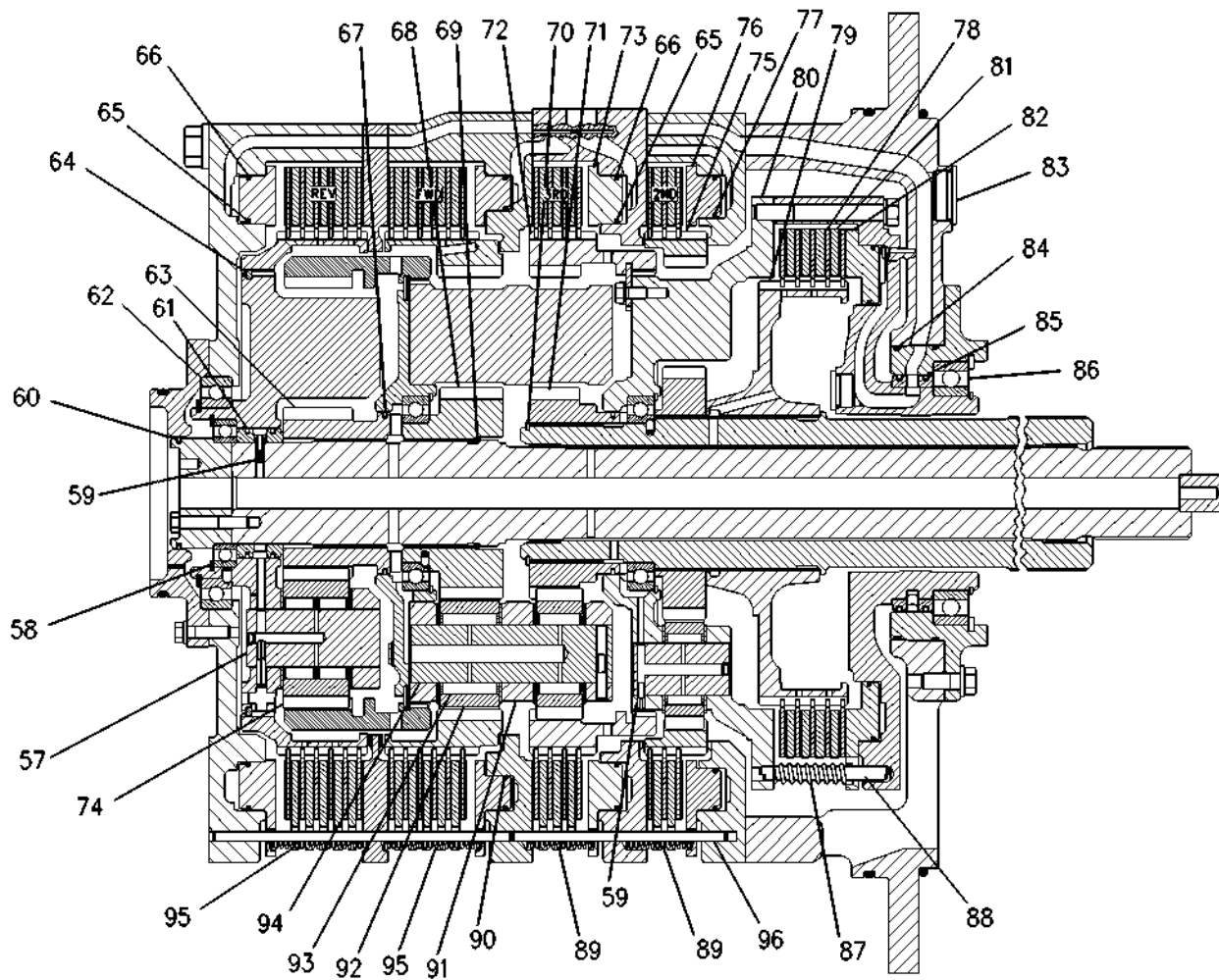
GRAPHIC #2

g00857842

POWER TRAIN

194-3806 PLANETARY GP-TRANSMISSION (contd.)

i01622493



GRAPHIC #3

<END>

g00857843

POWER TRAIN

112-9167 POWER TRAIN AR

S/N: 7PZ1-UP

PART OF 155-5550 GENERAL AR

SMCS-3000, 4000

i01988723

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	134-6035	1	AXLE GP-POWER TRAIN						401
YR	118-9628	2	CLUTCH & BRAKE GP-STEERING						623
Y	115-7412	1	CONTROL & MTG GP-TRANSMISSION						280
Y	158-8077	1	CONTROL & MTG GP-POWER TRAIN						278
Y	115-7411	1	CONTROL GP-BRAKE						404
Y	125-6511	1	COUPLING GP-PUMP						411
Y	176-1236	2	FINAL DRIVE GP						418
Y	127-7480	1	LINES GP-POWER TRAIN OIL						432
Y	127-7486	1	MOUNTING GP-TRANSMISSION						442
Y	127-7479	1	SHAFT GP-DRIVE						461
YR	121-0030	1	TORQUE CONVERTER GP						467
Y	116-9491	1	TRANSMISSION AR						469
Y	115-7414	1	VALVE & MTG GP-STEER & BRAKE						642
			S/N: 7PZ1-406						
Y	202-7400	1	VALVE & MTG GP-STEER & BRAKE						643
			S/N: 7PZ407-UP						
R-REMFG PART MAY BE AVAILABLE									
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

126-5013 PUMP GP-GEAR-TORQUE CONVERTER SCAVENGE- TRANSMISSION SCAVENGE

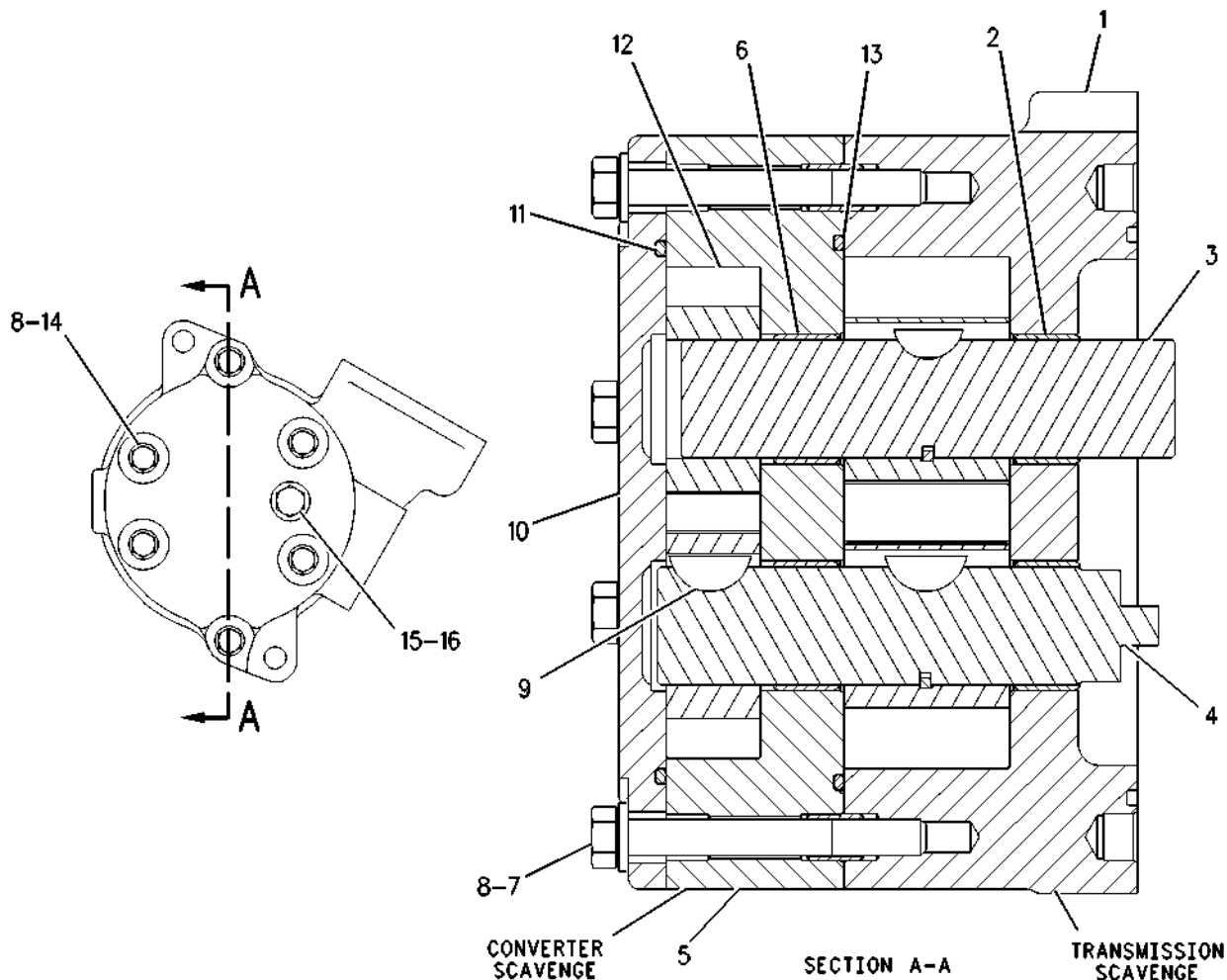
S/N: 7PZ1-UP

PART OF 142-5000 PUMP GP-GEAR

SMCS-3066, 3115, 5073

i01988722

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	126-5855	1	BODY AS-OIL PUMP (TRANSMISSION SCAVENGE)						
	2	1	9M-4370	2	BEARING						
	3	1	126-8540	1	GEAR AS-OIL PUMP (8 TEETH)						
	4	1	126-8539	1	GEAR AS-OIL PUMP (8 TEETH)						
	5	1	6Y-0192	1	BODY AS-OIL PUMP (CONVERTER SCAVENGE)						
		1	8M-8489	2	DOWEL						
	6	1	9M-4370	2	BEARING						
	7	1	OL-1352	2	BOLT (3/8-16X3.25 IN)						
	8	1	3S-0004	6	WASHER (0.406X0.728X0.09 IN THK)						
	9	1	1B-8736	1	KEY-WOODRUFF						
	10	1	3S-4327	1	COVER-OIL PUMP						
	11	1	8M-5007	1	SEAL-O-RING						
	12	1	3P-0747	2	GEAR (12 TEETH)						
	13	1	129-1609	1	SEAL-O-RING						
	14	1	OS-1619	4	BOLT (3/8-16X3 IN)						
	15	1	9S-4191	1	PLUG						
	16	1	3J-1907	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00666324

POWER TRAIN

142-5000 PUMP GP-GEAR-TORQUE CONVERTER-TRANSMISSION

S/N: 7PZ1-UP

5 SECTION

PART OF 127-7480 LINES GP-POWER TRAIN OIL

SMCS-3066, 3115, 5073

i01629802

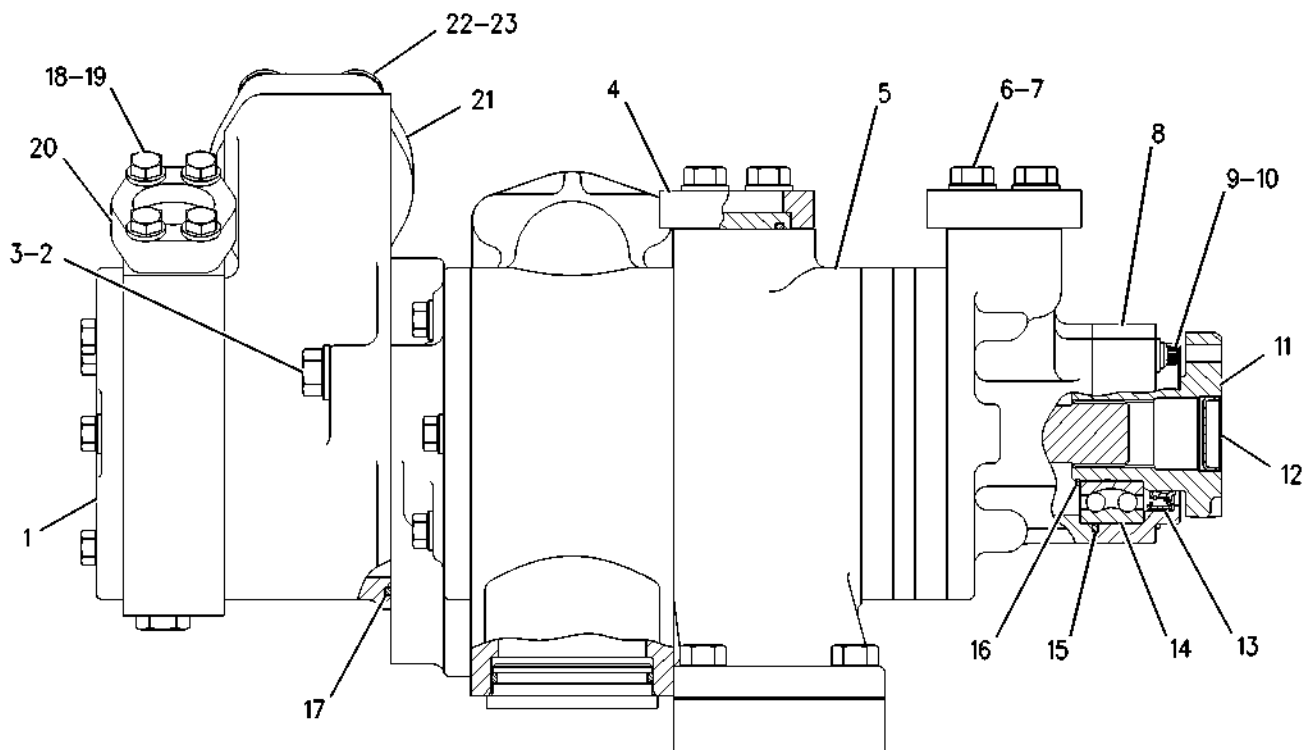
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	126-5013	1	PUMP GP-GEAR	454
	2	1	1A-1460	2	BOLT (1/2-13X2 IN)	
	3	1	5P-8245	2	WASHER-HARD (13.5X25.5X3MM THK)	
	4	1	1P-4578	4	FLANGE-HALF	
Y	5	1	142-5001	1	PUMP GP-GEAR	457
	6	1	0T-0772	8	BOLT (7/16-14X1.5 IN)	
	7	1	5P-8244	8	WASHER (12X22.5X2.5MM THK)	
	8	1	7G-2248	1	CAGE-BEARING	
	9	1	6L-4784	4	BOLT-12 POINT HEAD (5/16-18X1.75 IN)	
	10	1	9M-1974	4	WASHER-HARD (8.8X16X2MM THK)	
	11	1	3T-5355	1	FLANGE	
	12	1	5H-4279	1	PLUG-CUP	
	13	1	111-4919	1	SEAL-LIP TYPE	
	14	1	1B-5675	1	BALL BEARING AS	
	15	1	6V-1196	1	SEAL-O-RING	
	16	1	2M-3974	1	RING-RETAINING	
	17	1	129-1610	1	SEAL-O-RING	
	18	1	0S-1588	4	BOLT (3/8-16X1.25 IN)	
	19	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	20	1	1P-4577	2	FLANGE-HALF	
	21	1	1P-4582	2	FLANGE-HALF	
	22	1	8T-8919	4	BOLT (1/2-13X1.75 IN)	
	23	1	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)	

Y-SEPARATE ILLUSTRATION

POWER TRAIN

142-5000 PUMP GP - GEAR (contd.)

i01629802



GRAPHIC #1

<END>

g00846763

POWER TRAIN

142-5001 PUMP GP-GEAR-BRAKE COOLING- TORQUE CONVERTER CHARGING-TRANSMISSION CHARGING

S/N: 7PZ1-UP

3 SECTION

PART OF 142-5000 PUMP GP-GEAR

SMCS-3066, 3115, 5073

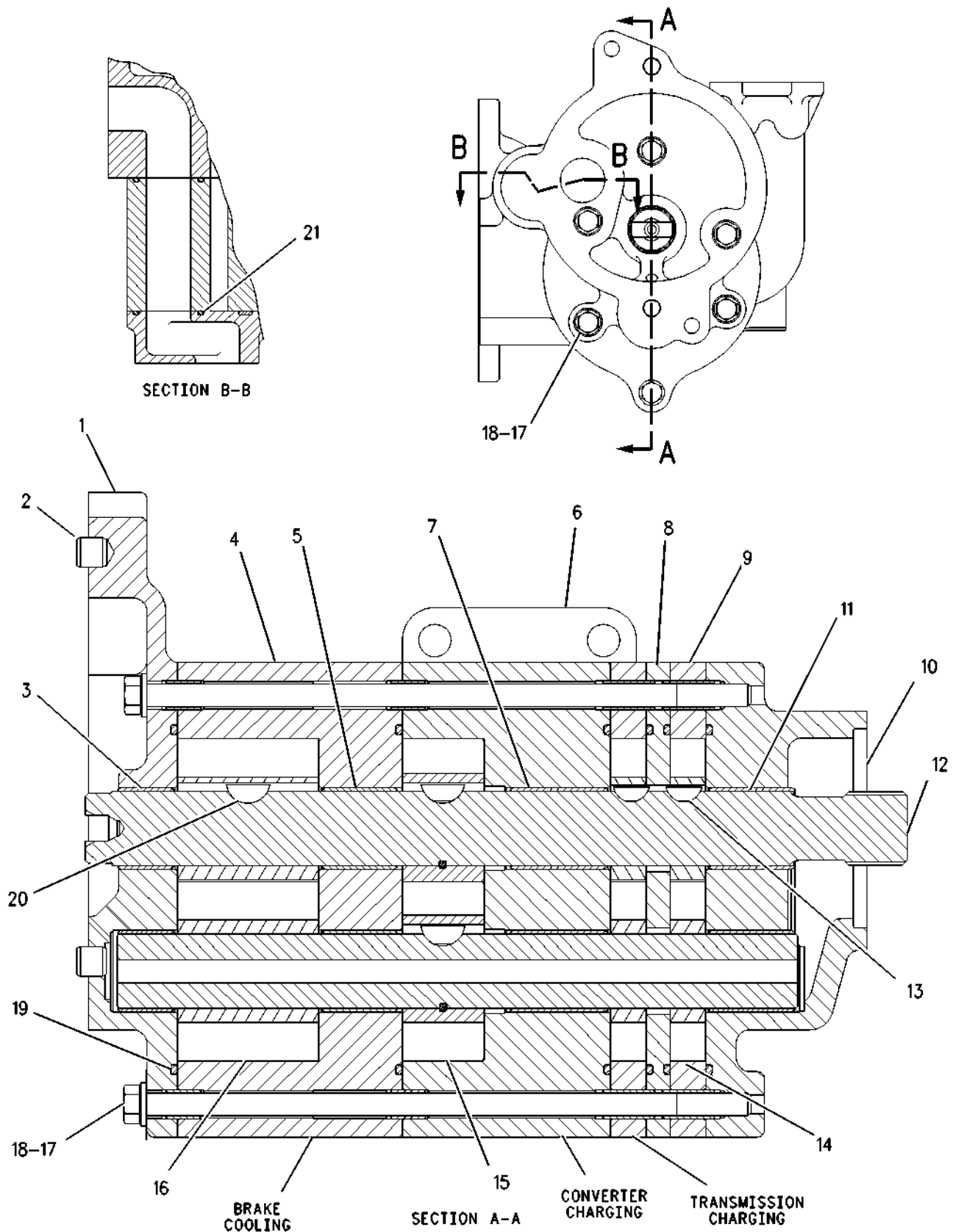
i01988730

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	125-4605	1	COVER AS						
	2	1	1H-0974	2	DOWEL						
	3	1	1M-3780	2	BEARING-SLEEVE						
	4	1	142-4996	1	BODY AS (BRAKE COOLING)						
		1	6P-3223	6	DAMPER-BOLT						
		1	8M-8489	2	DOWEL						
5	1	1	5M-3320	2	BEARING-SLEEVE						
6	1	1	129-7202	1	BODY AS (CONVERTER CHARGING)						
		1	8M-8489	2	DOWEL						
7	1	1	1M-3909	2	BEARING-SLEEVE						
8	1	1	9W-3273	1	SPACER						
9	1	1	130-7558	2	BODY AS (TRANSMISSION CHARGING)						
					(EACH INCLUDES)						
		1	9M-4388	2	DOWEL						
10	1	1	130-8206	1	COVER AS						
11	1	1	131-0167	2	BEARING-SLEEVE						
12	1	1	142-5002	1	GEAR AS-OIL PUMP (8 TEETH)						
13	1	1	1B-8705	2	KEY-WOODRUFF						
14	1	1	9G-1499	4	GEAR (8 TEETH)						
15	1	1	142-5004	1	GEAR AS-OIL PUMP (8 TEETH)						
16	1	1	130-0084	2	GEAR (8 TEETH)						
17	1	1	7L-7524	6	BOLT (3/8-16X10.25IN)						
18	1	1	3S-0004	6	WASHER (0.406X0.728X0.09 IN THK)						
19	1	1	129-1609	6	SEAL-O-RING						
20	1	1	2B-9373	1	KEY-WOODRUFF						
21	1	1	129-1653	2	SEAL-O-RING						

POWER TRAIN

142-5001 PUMP GP - GEAR (contd.)

i01988730



GRAPHIC #1

<END>

g00666327

POWER TRAIN

173-7721 SEAL-ROPE

S/N: 7PZ1-UP

PROVIDES REPLACEMENT KEVLAR ROPE SEAL FOR PACKING-SEAL TYPE FINAL DRIVE DUO-CONE
SEAL GUARDS
FIELD INSTALLATION

SMCS-4052

i01233657

			PART NAME						SEE
NOTE	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	PAGE
			(NO SERVICED PARTS)						
			<END>						

POWER TRAIN

136-6968 SEGMENT GP-SPROCKET

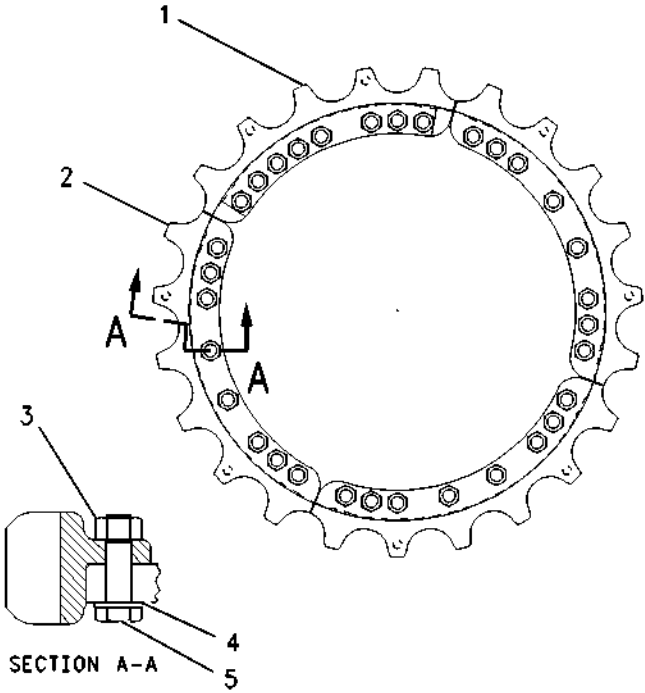
S/N: 7PZ1-UP

PART OF 176-1236 FINAL DRIVE GP

SMCS-4155

i01978013

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	231-9484	1	SEGMENT-SPROCKET						
	2	1	231-9486	3	SEGMENT-SPROCKET						
	3	1	3S-1356	32	NUT-FULL (1-1/8-12 THD)						
	4	1	3S-1349	32	WASHER-HARD (31X52.5X6MM THK)						
	5	1	7T-1243	32	BOLT (1 1/8-12X4.13 IN)						



GRAPHIC #1

<END>

g00474152

POWER TRAIN

127-7479 SHAFT GP-DRIVE

S/N: 7PZ1-UP

PART OF 112-9167 POWER TRAIN AR

SMCS-3253

i01853336

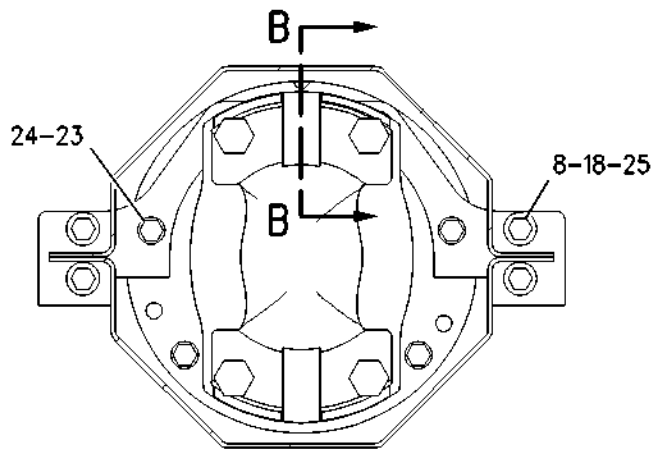
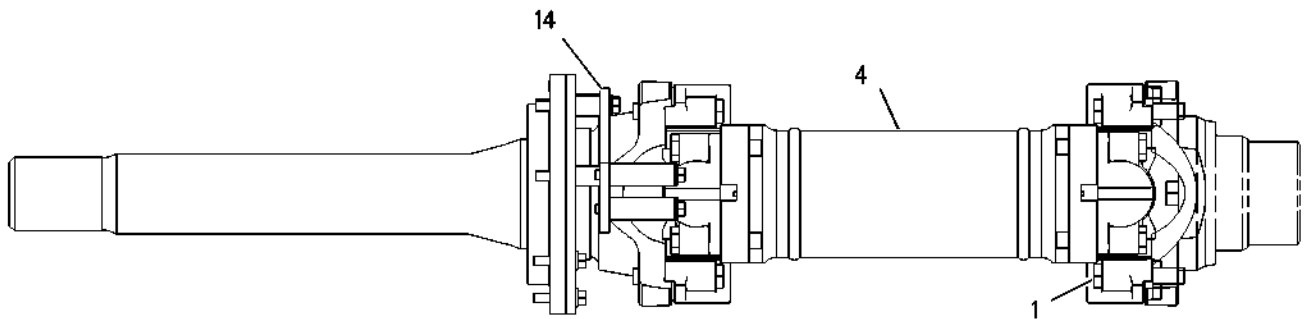
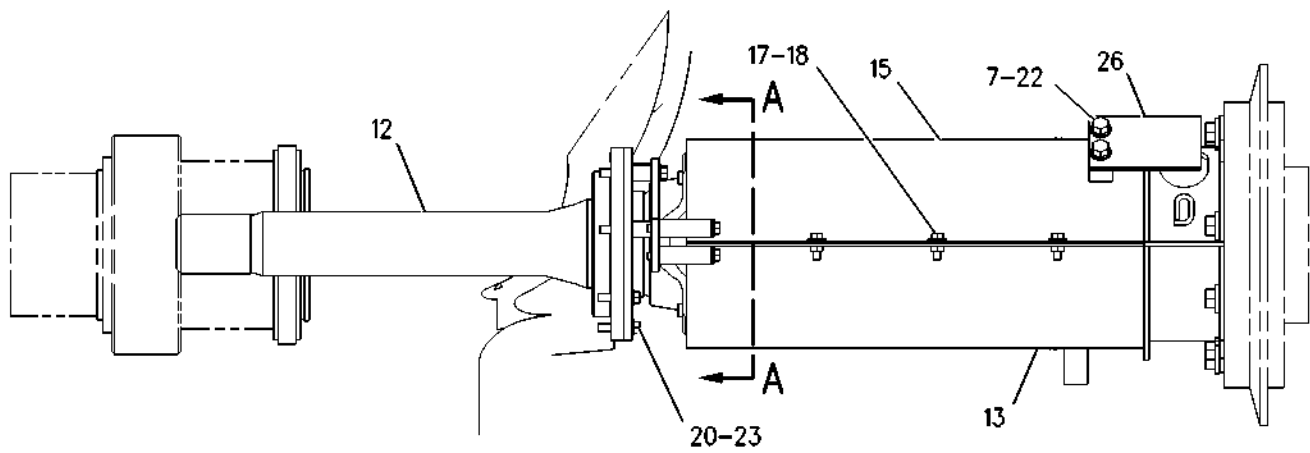
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0S-2318	8	BOLT (5/8-18X3.25 IN)						
	2	1	2D-6642	1	BALL						
	3	1	3P-2574	1	RACE & ROLLER AS						
Y	4	1	3T-1448	1	UNIVERSAL JOINT GP						472
	5	1	5P-7457	1	SEAL-LIP						
	6	1	5P-8904	1	RACE-BEARING INNER						
	7	1	8T-9383	2	BOLT (1/2-13X0.75 IN)						
	8	1	8B-6561	4	SPACER (7/32IDX7/80DX2-9/16THK)						
	9	1	9K-2215	1	RING						
	10	1	9P-8339	1	CAGE-BEARING						
	11	1	9P-8340	1	COVER-BEARING						
	12	1	125-3664	1	YOKE-UNIVERSAL JOINT						
	13	1	132-2138	1	GUARD AS						
		1	1F-0750	6	NUT-WELD (3/8-16 THD)						
	14	1	219-1802	1	BRACKET AS						
		1	7C-8246	4	SPACER (10.5X20X24MM THK)						
	15	1	142-0748	1	GUARD AS						
		1	5C-3162	1	BLOCK						
		1	7T-1099	1	LINK						
	16	1	1S-4974	1	SEAL-O-RING						
	17	1	4L-6454	6	BOLT (3/8-16X1 IN)						
	18	1	5P-1075	10	WASHER-HARD (10.2X22.5X3MM THK)						
	19	1	5S-4554	1	SEAL-O-RING						
	20	1	5S-7383	3	BOLT (3/8-16X1.75 IN)						
	21	1	8M-8281	1	SEAL-O-RING						
	22	1	8T-4223	2	WASHER-HARD (13.5X25.5X3MM THK)						
	23	1	8T-4896	7	WASHER-HARD (10.2X18.5X2.5MM THK)						
	24	1	8T-7008	4	BOLT (3/8-16X3 IN)						
	25	1	8T-8915	4	BOLT (3/8-16X3.25 IN)						
	26	1	5T-4568	1	PLATE						

Y-SEPARATE ILLUSTRATION

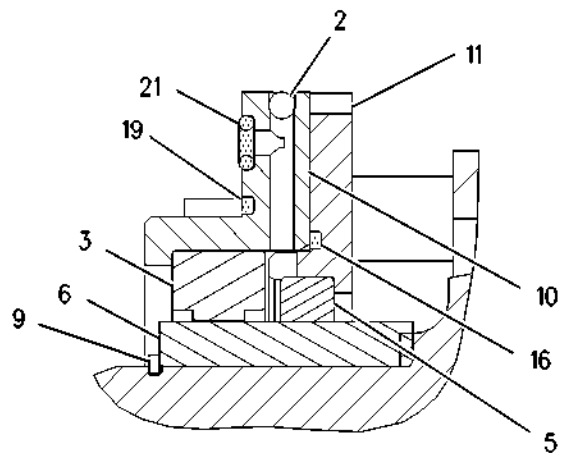
POWER TRAIN

127-7479 SHAFT GP-DRIVE (contd.)

i01853336



SECTION A-A



SECTION B-B

GRAPHIC #1

<END>

g01007332

POWER TRAIN

121-0028 TORQUE CONVERTER GP

S/N: 4BT1-UP

PART OF 121-0029 TORQUE CONVERTER GP

SMCS-3101

i01421453

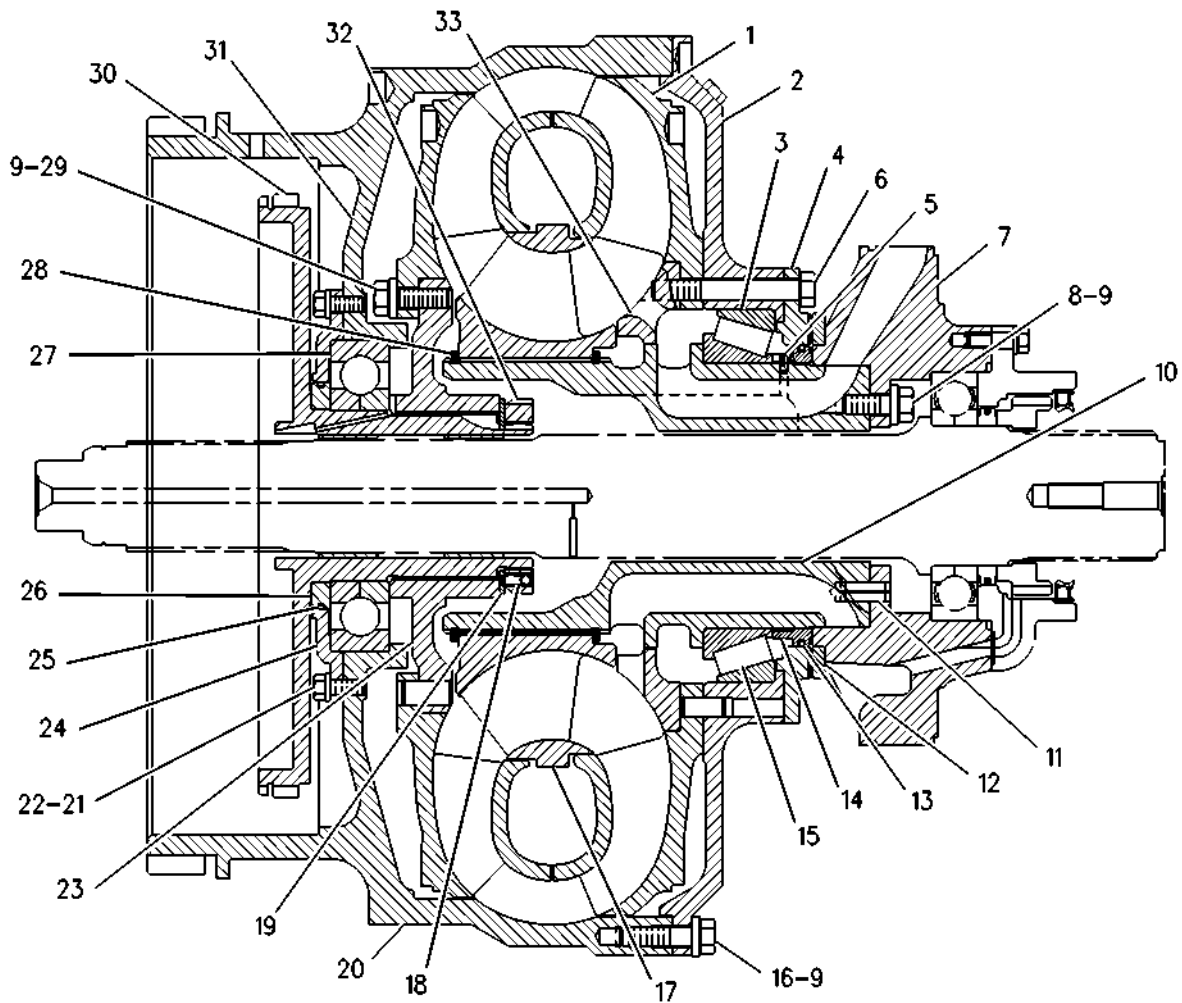
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6Y-8006	1	IMPELLER-CONVERTER	
	2	1	6P-8317	1	FLANGE AS-DRIVE	
		1	3J-7354	2	SEAL-O-RING (8.92MM ID)	
		1	8M-3405	2	DOWEL	
		1	9S-4182	2	PLUG-O-RING	
	3	1	2P-1823	1	CUP-ROLLER BEARING	
	4	1	8P-3572	1	SLEEVE-WEAR	
	5	1	5H-8985	1	PIN-SPRING	
	6	1	1B-2886	12	BOLT (1/2-13X3.75 IN)	
	7	1	118-2111	1	SUPPORT-STATOR	
	8	1	7B-3235	10	BOLT (1/2-13X1.375 IN)	
	9	1	2M-0849	54	WASHER-HARD (13.5X25.5X5MM THK)	
	10	1	7G-2954	1	CARRIER-STATOR	
	11	1	2K-9062	5	PIN-SPRING	
	12	1	9P-4483	1	PLATE-THRUST	
	13	1	7G-9922	1	RING-SEAL	
	14	1	9P-9519	1	CARRIER-RING	
I	15	1	2P-1824	1	CONE-ROLLER BEARING	
	16	1	1A-1460	24	BOLT (1/2-13X2 IN)	
	17	1	143-0738	1	STATOR-TORQUE CONVERTER	
	18	1	1T-0241	1	SETSCREW	
	19	1	1T-0242	1	LOCKWASHER-BEARING	
	20	1	6Y-2438	1	HOUSING	
	21	1	0S-1594	6	BOLT (3/8-16X1 IN)	
	22	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5MM THK)	
	23	1	6P-8316	1	HUB AS	
		1	4D-8148	4	DOWEL	
	24	1	135-1707	1	RETAINER-BEARING	
	25	1	6G-6275	1	RING-SEAL	
	26	1	9P-8344	1	CARRIER-RING	
	27	1	3L-1824	1	BALL BEARING	
	28	1	5P-5580	2	RING-RETAINING	
	29	1	0S-1585	20	BOLT (1/2-13X1.50 IN)	
	30	1	121-0024	1	FLANGE AS-OUTPUT	
		1	6P-8319	2	BEARING-SLEEVE	
	31	1	8P-5696	1	TURBINE-CONVERTER	
	32	1	1T-0229	1	LOCKNUT-BEARING	
	33	1	6P-8285	1	HUB-IMPELLER	

I-SEE HOSE FABRICATION GUIDE

POWER TRAIN

121-0028 TORQUE CONVERTER GP (contd.)

i01421453



GRAPHIC #1

<END>

g00272666

POWER TRAIN

121-0029 TORQUE CONVERTER GP

S/N: 4BT1-UP

PART OF 121-0030 TORQUE CONVERTER GP

SMCS-3101

i01707360

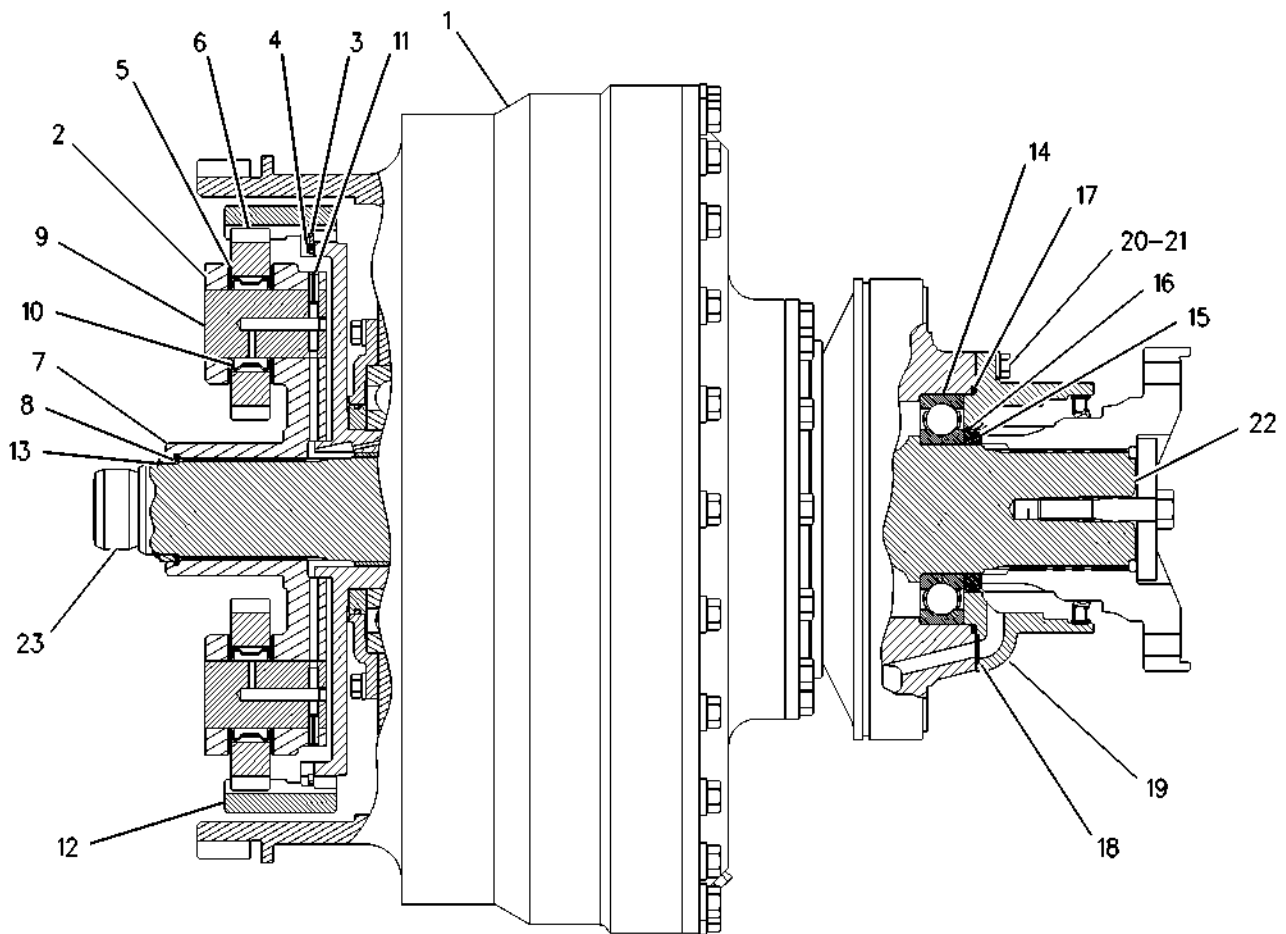
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	121-0028	1	TORQUE CONVERTER GP	463
	2	1	7G-2952	1	CARRIER-PLANETARY	
	3	1	6P-8315	1	RING-SNAP	
	4	1	5H-8985	2	PIN-SPRING	
	5	1	8E-8316	6	DISC-THRUST	
	6	1	121-0027	3	GEAR-PLANET (28 TEETH)	
	7	1	3S-8073	1	RING-RETAINING	
	8	1	8P-6809	1	SPACER	
	9	1	6P-8621	3	SHAFT AS	
					(EACH INCLUDES)	
		1	2A-3746	1	PLUG-CUP	
	10	1	1S-9110	3	ROLLER AS	
	11	1	3S-2708	3	PIN-SPRING	
	12	1	121-0025	1	GEAR-RING (90 TEETH)	
	13	1	5K-4627	1	RING-RETAINING	
	14	1	4M-5227	1	BALL BEARING	
	15	1	150-7154	1	CARRIER-SEAL	
	16	1	1T-0310	1	RING-METAL SEAL	
	17	1	1S-4974	1	SEAL-O-RING	
	18	1	8M-5260	1	SEAL-O-RING	
	19	1	118-2110	1	RETAINER-BEARING	
	20	1	0S-1588	6	BOLT (3/8-16X1.25 IN)	
	21	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5MM THK)	
	22	1	118-2108	1	SHAFT-OUTPUT	
	23	1	5P-5405	1	RACE-BEARING INNER	

Y-SEPARATE ILLUSTRATION

POWER TRAIN

121-0029 TORQUE CONVERTER GP (contd.)

i01707360



GRAPHIC #1

<END>

g00287938

POWER TRAIN

121-0030 TORQUE CONVERTER GP*R

S/N: 7PZ1-UP

PART OF 112-9167 POWER TRAIN AR

SMCS-3101

i01988739

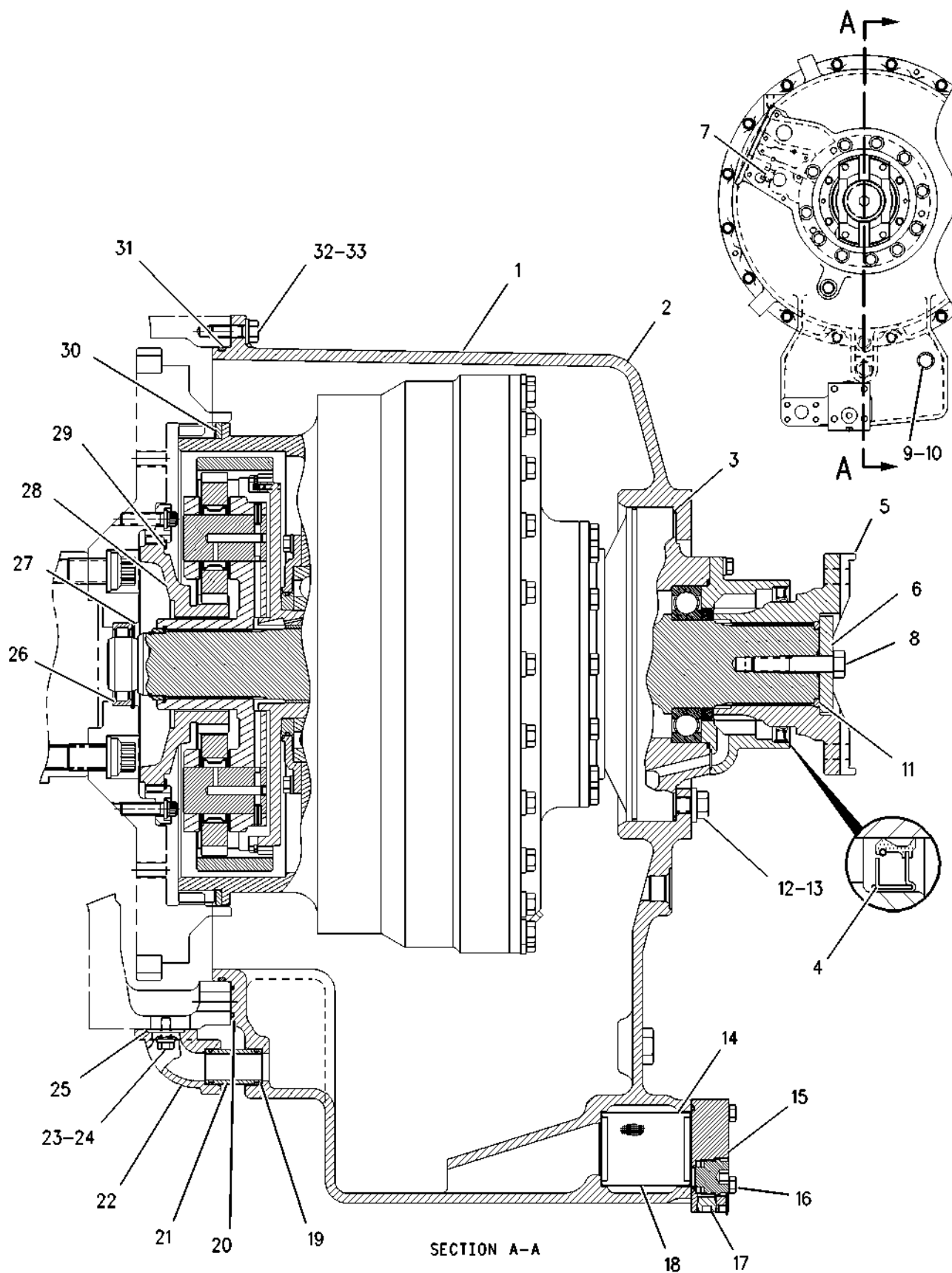
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	121-0029	1	TORQUE CONVERTER GP						465
	2	1	6T-1432	1	COVER-TORQUE CONVERTER						
	3	1	5P-9035	2	SEAL-O-RING						
	4	1	173-7715	1	SEAL-LIP TYPE						
	5	1	118-2109	1	YOKE						
	6	1	3P-1669	1	RETAINER (SHAFT)						
	7	1	138-1208	1	ORIFICE						
	8	1	1D-4585	1	BOLT (5/8-11X3.25 IN)						
	9	1	9S-4183	1	PLUG						
	10	1	3D-2824	1	SEAL-O-RING						
	11	1	1M-0556	1	SEAL-O-RING						
	12	1	0S-1589	11	BOLT (5/8-11X1.75 IN)						
	13	1	2S-7593	11	WASHER-HARD (17X35X5MM THK)						
	14	1	6L-9965	1	SEAL-O-RING						
Y	15	1	106-4150	1	DRAIN GP-ECOLOGY						412
	16	1	8T-2501	4	BOLT (3/8-16X2 IN)						
	17	1	2B-0858	1	PLUG-PIPE						
	18	1	8S-9130	1	SCREEN-SUCTION (TORQUE CONVERTER)						
	19	1	8M-4433	2	SEAL-O-RING						
	20	1	8M-4988	1	SEAL-O-RING						
	21	1	8S-9008	1	SLEEVE						
	22	1	8S-9009	1	ELBOW						
	23	1	4L-6454	2	BOLT (3/8-16X1 IN)						
	24	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5MM THK)						
	25	1	9L-2662	1	GASKET						
	26	1	2K-5254	1	BEARING-OUTER						
	27	1	4M-8910	1	RING-RETAINING						
	28	1	121-0026	1	GEAR-SUN (30 TEETH)						
	29	1	6P-8309	1	RING-RETAINING						
	30	1	7T-4083	1	RING						
	31	1	9H-6832	1	SEAL-O-RING						
	32	1	5P-2566	16	BOLT (1/2-13X1.5 IN)						
	33	1	8T-4223	16	WASHER-HARD (13.5X25.5X3MM THK)						

Y-SEPARATE ILLUSTRATION

POWER TRAIN

121-0030 TORQUE CONVERTER GP (contd.)

i01988739



GRAPHIC #1

<END>

g00664781

POWER TRAIN

116-9491 TRANSMISSION AR

S/N: 1SY1-UP

PART OF 112-9167 POWER TRAIN AR

SMCS-3030

i01988745

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	116-9492	1	GEAR GP-BEVEL & TRANSFER						422
			S/N: 1SY1-1146						
Y	183-2272	1	GEAR GP-BEVEL & TRANSFER						426
			S/N: 1SY1147-UP						
YR	116-9505	1	TRANSMISSION AR						470
			S/N: 1SY1-1157						
YR	194-3805	1	TRANSMISSION AR						471
			S/N: 1SY1158-UP						
R-REMFG PART MAY BE AVAILABLE									
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

116-9505 TRANSMISSION AR

S/N: 1SY1-1157

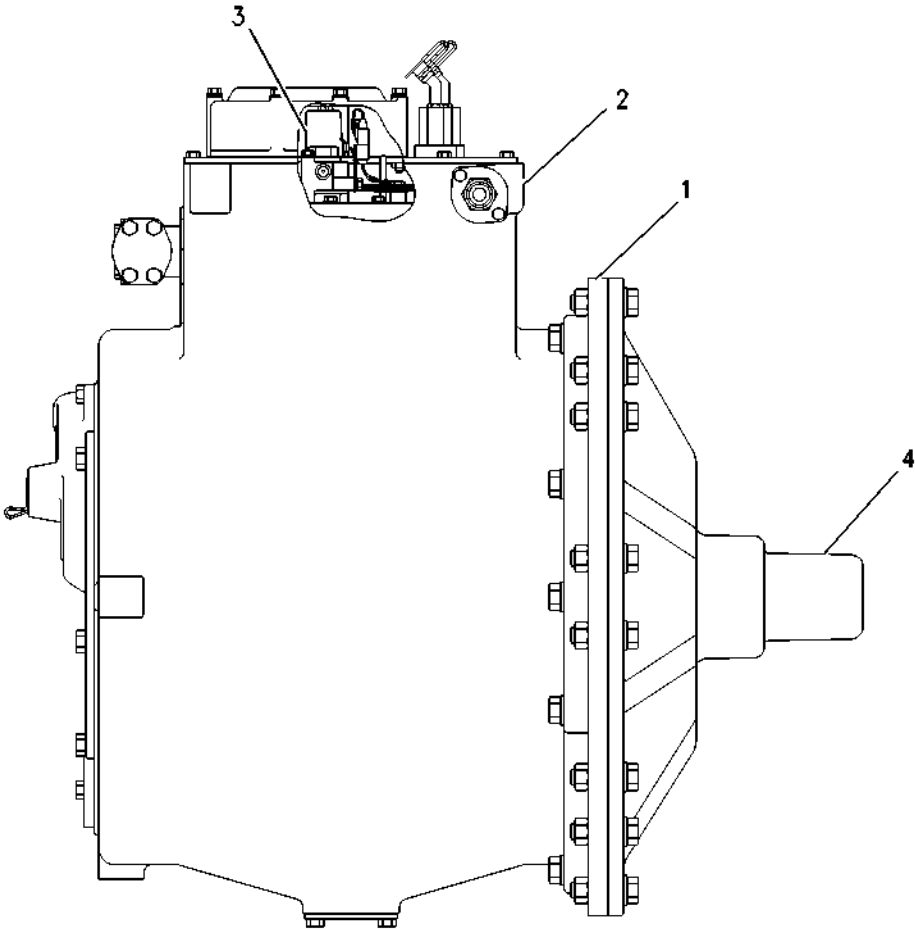
PART OF 116-9491 TRANSMISSION AR

SMCS-3030

i00997134

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	116-4623	1	PLANETARY GP-TRANSMISSION	443
Y	2	1	116-5920	1	CASE & PARTS GP-TRANSMISSION	402
Y	3	1	145-6480	1	CONTROL GP-TRANSMISSION	408
Y	4	1	117-1258	1	COVER GP-SHIPING	960

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00510079

POWER TRAIN

194-3805 TRANSMISSION AR*R

S/N: 1SY1158-UP

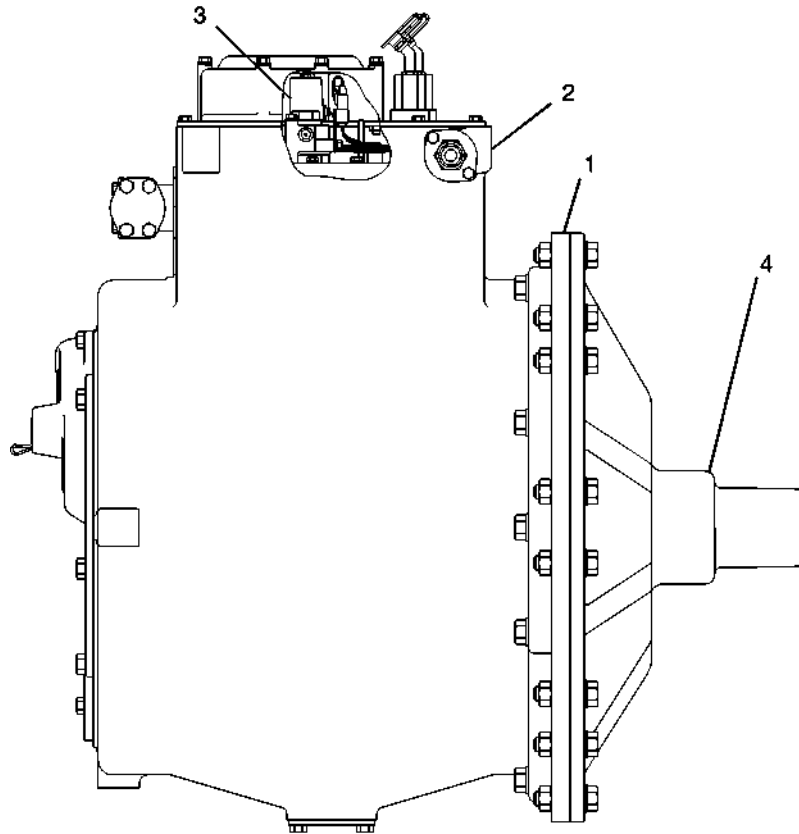
PART OF 116-9491 TRANSMISSION AR

SMCS-3030

i01988748

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	194-3806	1	PLANETARY GP-TRANSMISSION						448
Y	2	1	116-5920	1	CASE & PARTS GP-TRANSMISSION						402
Y	3	1	145-6480	1	CONTROL GP-TRANSMISSION						408
Y	4	1	117-1258	1	COVER GP-SHIPING						960

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01029970

POWER TRAIN

3T-1448 UNIVERSAL JOINT GP

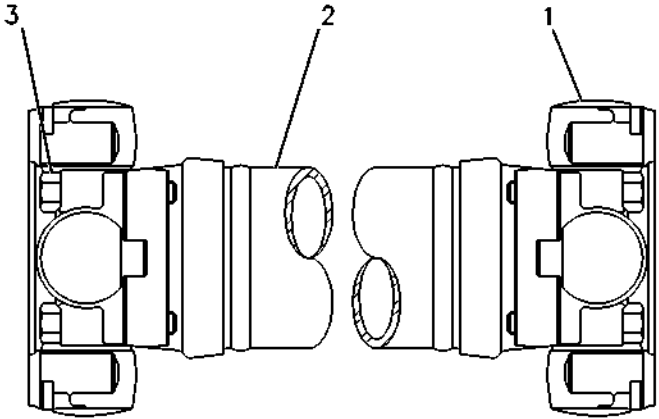
S/N: 7PZ1-UP

PART OF 127-7479 SHAFT GP-DRIVE

SMCS-3251, 3253

i01692382

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	106-0933	2	SPIDER & BEARING GP						
	2	1	3T-1449	1	TUBE-UNIVERSAL JOINT						
C	3	1	0S-2318	8	BOLT (5/8-18X3.25 IN)						
C- CHANGE FROM PREVIOUS TYPE											



GRAPHIC #1

<END>

g00255077

POWER TRAIN

155-2639 VALVE GP-CONTROL-TRANSMISSION

S/N: 1SY1-1184

PART OF 145-6480 CONTROL GP-TRANSMISSION

SMCS-3167

i01707361

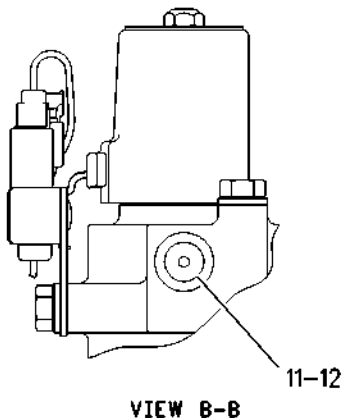
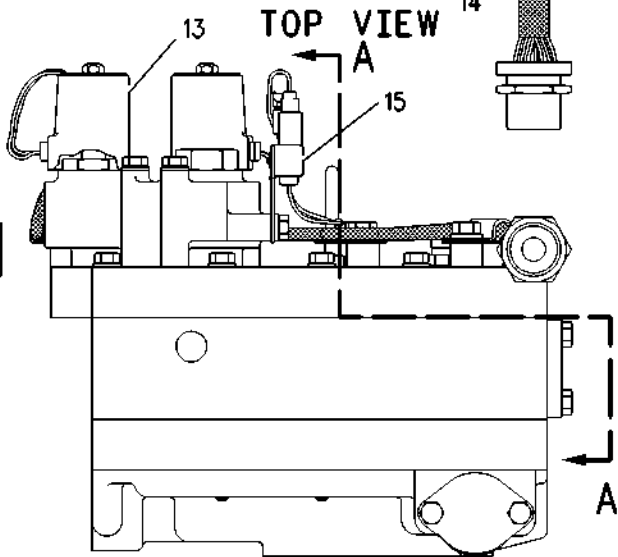
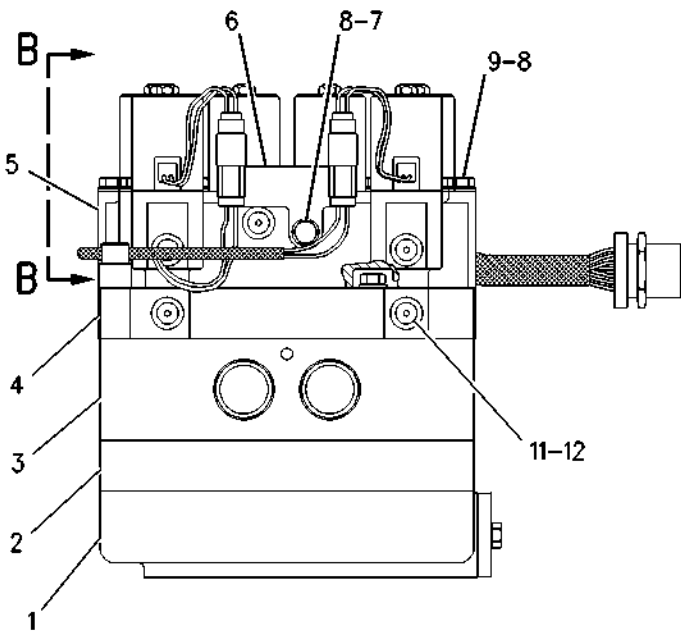
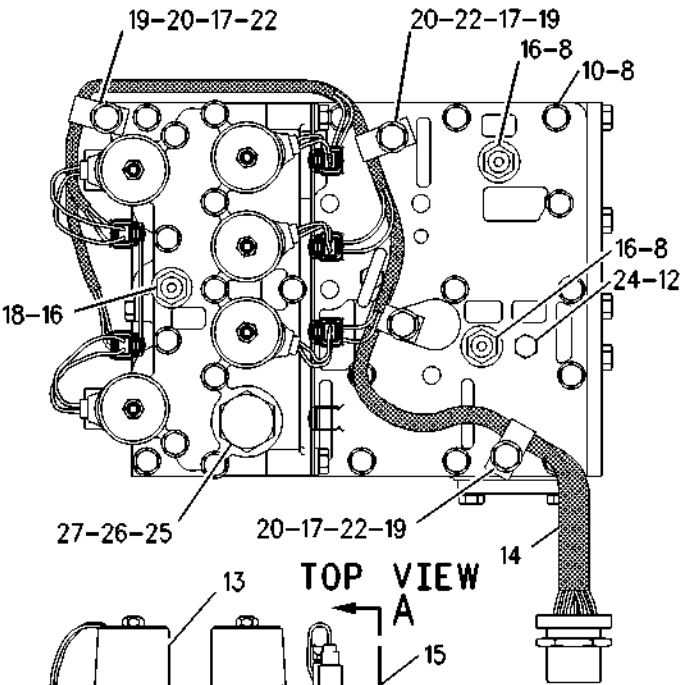
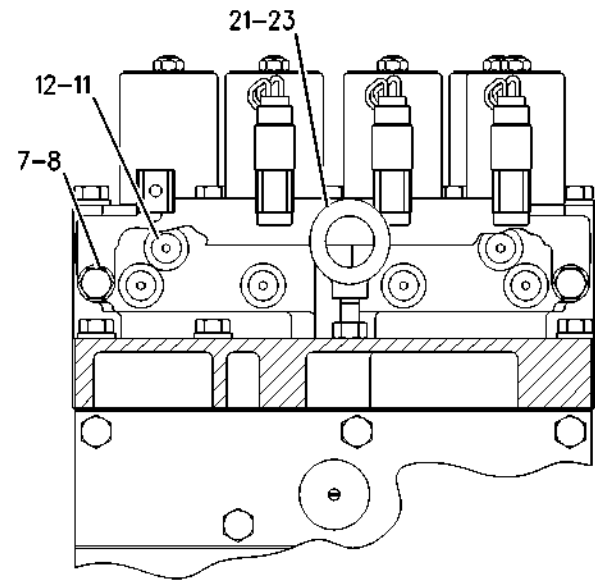
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	8E-6398	1	VALVE GP-SELECTOR (TRANSMISSION)	481
	2	1	8E-4320	1	PLATE	
Y	3	1	145-6478	1	VALVE GP-SELECTOR & PRESS CONT	482
	4	1	155-2641	1	MANIFOLD-TOP	
	5	1	8E-4387	1	MANIFOLD	
	6	1	8E-7841	1	CLIP AS-CONNECTING	
	7	1	2B-2695	3	BOLT (5/16-18X0.875 IN)	
	8	1	9M-1974	34	WASHER-HARD (8.8X16X2MM THK)	
	9	1	1D-4540	10	BOLT (5/16-18X2.75 IN)	
	10	1	5L-1761	21	BOLT (5/16-18X5.5 IN)	
	11	1	9S-8007	12	PLUG (3/8-24 THD)	
	12	1	7J-0204	13	SEAL-O-RING	
	13	1	3E-3748	5	VALVE GP-SOLENOID	
	14	1	104-6728	1	HARNESS AS-TRANSMISSION (CLUTCH SOLENOIDS)	
Y	15	1	8E-7842	1	CLIP AS-CONNECTING	484
	16	1	6V-3965	3	FITTING AS	
	17	1	0S-1588	4	BOLT (3/8-16X1.25 IN)	
	18	1	3J-1907	3	SEAL-O-RING	
	19	1	1L-5081	4	SPACER (0.41X0.75X0.56 IN THK)	
	20	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	21	1	5S-0003	1	NUT (5/16-18 THD)	
	22	1	8M-2772	4	CLIP	
	23	1	1P-7404	1	EYEBOLT	
	24	1	1N-5999	1	PLUG	
	25	1	6Y-0789	1	PLUG	
	26	1	3D-2824	1	SEAL-O-RING	
	27	1	3P-0647	1	SEAL-O-RING	

Y-SEPARATE ILLUSTRATION

POWER TRAIN

155 - 2639 VALVE GP - CONTROL (contd.)

i01707361



POWER TRAIN

155-2639 VALVE GP-CONTROL-TRANSMISSION

S/N: 1SY1185-UP

PART OF 145-6480 CONTROL GP-TRANSMISSION

SMCS-3167

i01604040

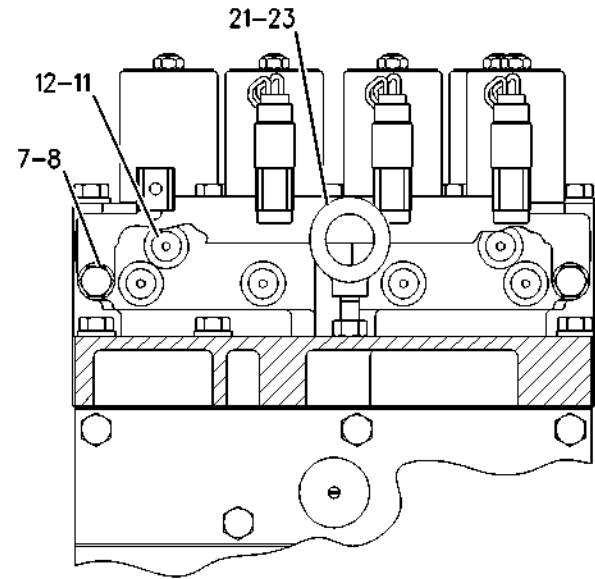
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	8E-6398	1	VALVE GP-SELECTOR (TRANSMISSION)	481
	2	1	8E-4320	1	PLATE	
Y	3	1	145-6478	1	VALVE GP-SELECTOR & PRESS CONT	482
	4	1	155-2641	1	MANIFOLD-TOP	
	5	1	8E-4387	1	MANIFOLD	
	6	1	8E-7841	1	CLIP AS-CONNECTING	
	7	1	2B-2695	3	BOLT (5/16-18X0.875 IN)	
	8	1	9M-1974	34	WASHER-HARD (8.8X16X2MM THK)	
	9	1	1D-4540	10	BOLT (5/16-18X2.75 IN)	
	10	1	5L-1761	21	BOLT (5/16-18X5.5 IN)	
	11	1	9S-8007	12	PLUG-O-RING	
	12	1	7J-0204	13	SEAL-O-RING	
CY	13	1	147-5399	5	VALVE GP-SOLENOID	487
	14	1	206-5048	1	HARNESS AS-TRANSMISSION (CLUTCH SOLENOIDS)	
	15	1	8E-7842	1	CLIP AS-CONNECTING	
	16	1	6V-3965	3	FITTING AS	
	17	1	0S-1588	4	BOLT (3/8-16X1.25 IN)	
	18	1	3J-1907	3	SEAL-O-RING	
	19	1	1L-5081	4	SPACER (0.41X0.75X0.56 IN THK)	
	20	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	21	1	5S-0003	1	NUT (5/16-18 THD)	
	22	1	8M-2772	2	CLIP	
	23	1	1P-7404	1	EYEBOLT	
	24	1	1N-5999	1	PLUG	
	25	1	6Y-0789	1	PLUG	
	26	1	3D-2824	1	SEAL-O-RING	
	27	1	3P-0647	1	SEAL-O-RING	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

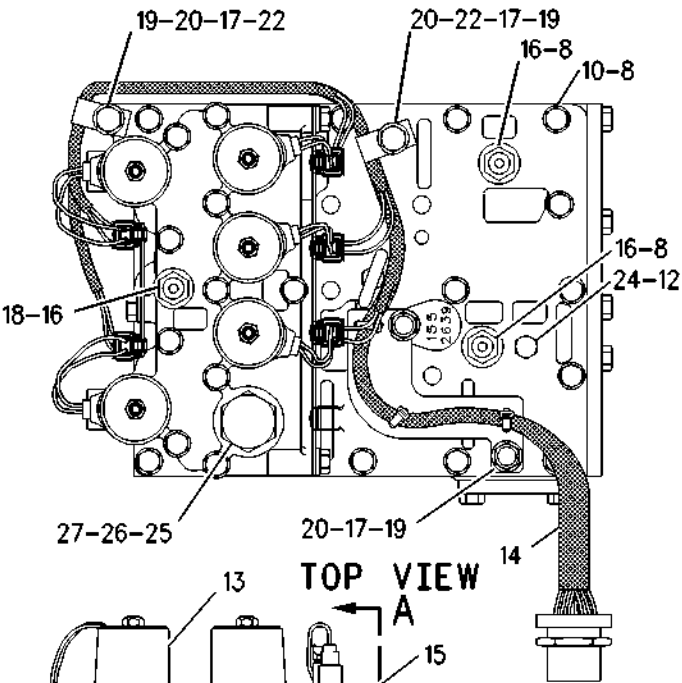
POWER TRAIN

155-2639 VALVE GP-CONTROL (contd.)

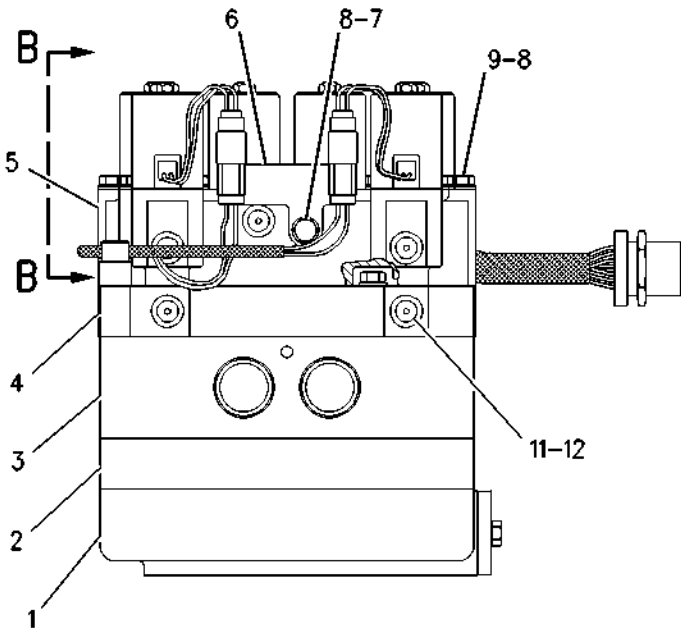
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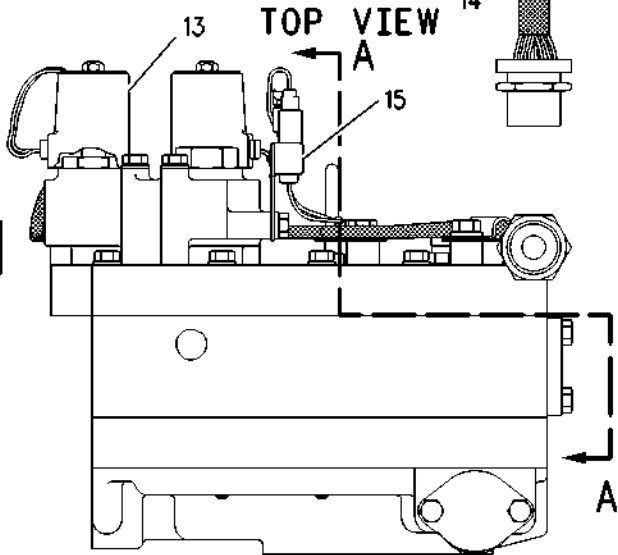
SECTION A-A



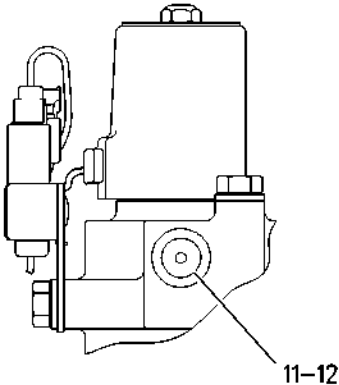
TOP VIEW



REAR VIEW



RIGHT SIDE VIEW



VIEW B-B

GRAPHIC #1

<END>

g00837443

POWER TRAIN

119-6114 VALVE GP-FLUSHING-ROTATING FAN MOTOR

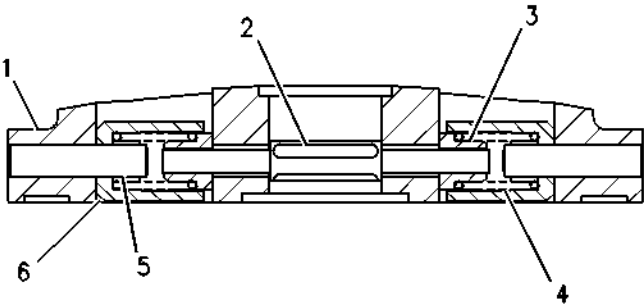
S/N: 7PZ1-UP

PART OF 171-3065 ROTATING GP-MOTOR

SMCS-5066

i00591895

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	119-6109	1	PLATE						
	2	1	6E-4100	1	PIN-FLUSHING						
	3	1	119-6110	2	RETAINER						
	4	1	6E-4102	2	SPRING						
	5	1	119-6112	2	PIN						
	6	1	119-6113	2	BUSHING						



GRAPHIC #1

<END>

g00246170

POWER TRAIN

112-5326 VALVE GP-PRIORITY-BRAKE-STEERING

S/N: 7PZ1-UP

PART OF 127-7480 LINES GP-POWER TRAIN OIL

SMCS-3180

i01988737

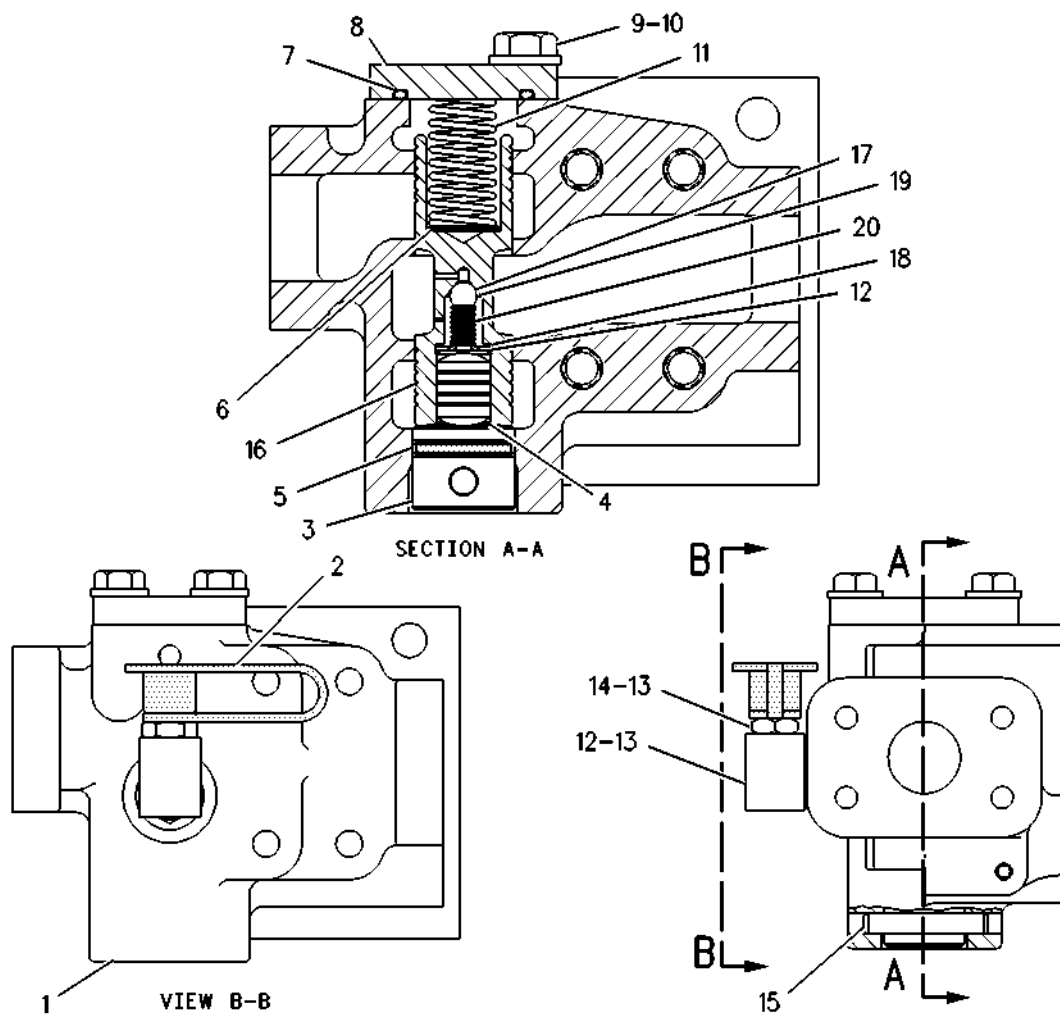
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	120-6858	1	BODY AS-VALVE						
		1	2D-6642	2	BALL						
	2	1	6V-0852	1	CAP-DUST						
	3	1	1P-9699	1	STOP						
	4	1	2M-7041	1	SLUG						
	5	1	8M-4446	1	SEAL-O-RING						
B	6	1	5M-9624	6	SHIM (0.25MM THK)						
	7	1	8M-5249	1	SEAL-O-RING						
	8	1	2S-9750	1	COVER						
	9	1	0S-1594	2	BOLT (3/8-16X1 IN)						
	10	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5MM THK)						
	11	1	7T-8556	1	SPRING						
	12	1	6V-0484	1	ADAPTER-O-RING						
	13	1	3J-1907	2	SEAL-O-RING						
	14	1	6V-3965	1	FITTING (QUICK DISCONNECT)						
	15	1	8H-9513	1	DOWEL						
	16	1	5S-4437	1	SPOOL AS						
	17	1	4B-9880	1	BALL						
	18	1	3D-8317	1	RING-RETAINING						
	19	1	8M-1013	1	RETAINER						
	20	1	4M-2381	1	SPRING						

B-USE AS REQUIRED

POWER TRAIN

112-5326 VALVE GP - PRIORITY (contd.)

i01988737



GRAPHIC #1

<END>

g00264908

POWER TRAIN

8E-9727 VALVE GP-RELIEF-TORQUE CONVERTER

S/N: 7PZ1-UP

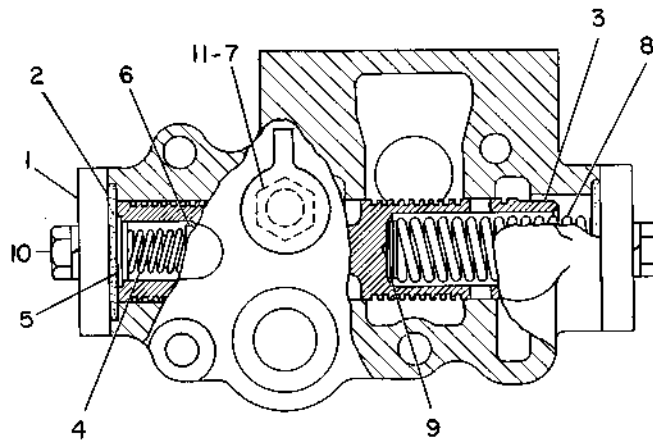
PART OF 127-7480 LINES GP-POWER TRAIN OIL

SMCS-3133, 3182

i01988742

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4M-8239	2	COVER						
	2	1	8M-4986	2	SEAL-O-RING						
	3	1	2P-4538	1	SPOOL AS-RELIEF						
	4	1	5M-9548	1	SPRING						
	5	1	1L-3162	1	RING-RETAINING						
		1	8M-2537	1	RETAINER						
	6	1	9M-4313	1	POPPET						
	7	1	6V-3965	1	FITTING (QUICK DISCONNECT)						
		1	3J-1907	1	SEAL-O-RING						
	8	1	2P-5711	1	SPRING						
B	9	1	5M-9623	3	SHIM (0.9MM THK)						
B		1	5M-9624	1	SHIM (0.25MM THK)						
	10	1	0S-1594	4	BOLT (3/8-16X1 IN)						
		1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)						
	11	1	6V-0852	1	CAP-DUST						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00082116

POWER TRAIN

8E-6398 VALVE GP-SELECTOR-TRANSMISSION

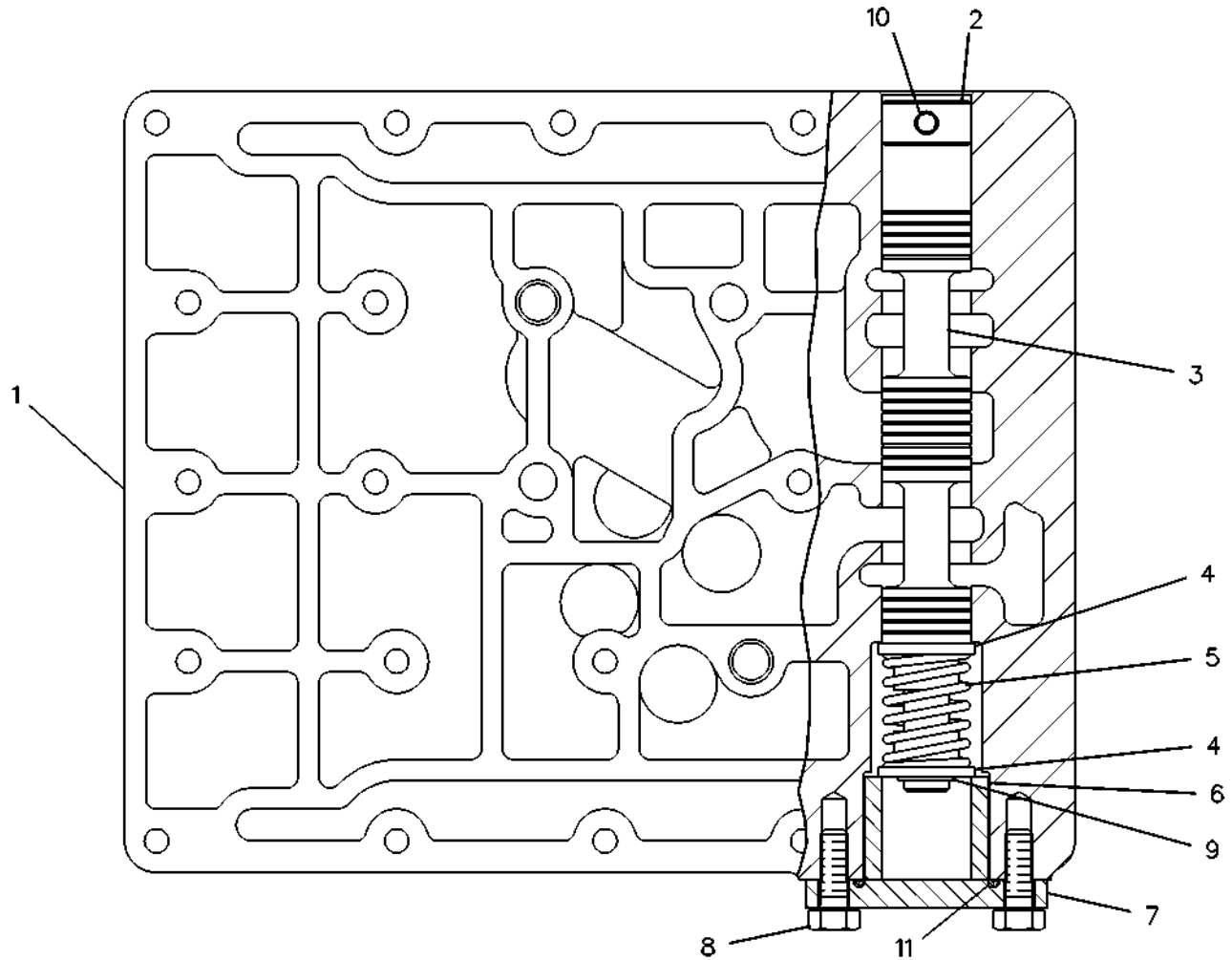
S/N: 1SY1-UP

PART OF 155-2639 VALVE GP-CONTROL

SMCS-3157, 3158

i01692384

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-6255	1	MANIFOLD-BOTTOM						
	2	1	2S-4872	1	STOP						
	3	1	6Y-0725	1	SPOOL-SELECTOR						
	4	1	6Y-0726	2	RETAINER						
	5	1	6I-9519	1	SPRING						
	6	1	6Y-0729	1	STOP						
	7	1	7S-6997	1	COVER						
	8	1	2B-2695	2	BOLT (5/16-18X0.875 IN)						
	9	1	5P-6261	1	RING-RETAINING						
	10	1	8H-9189	1	DOWEL						
	11	1	6J-2419	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00119290

POWER TRAIN

145-6478 VALVE GP-SELECTOR & PRESS CONT

S/N: 1SY1-UP

PART OF 155-2639 VALVE GP-CONTROL

SMCS-3083

i01692386

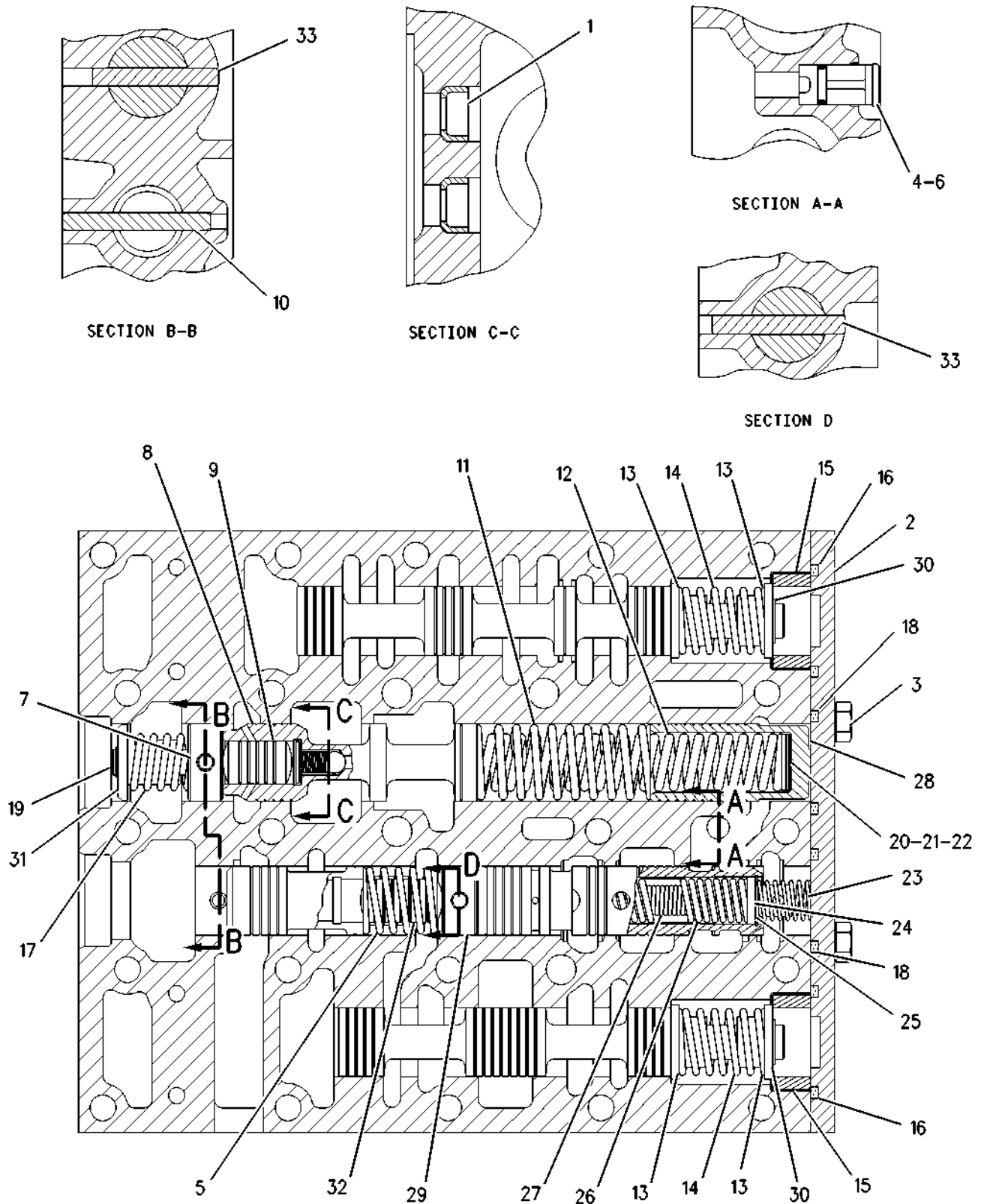
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8P-9296	2	ORIFICE-PLUG	
	2	1	6Y-0728	1	COVER	
	3	1	2B-2695	5	BOLT (5/16-18X0.875 IN)	
	4	1	9W-9830	1	ORIFICE-SCREEN	
	5	1	6P-4978	1	SPRING	
	6	1	5H-8853	1	SEAL-O-RING	
	7	1	116-7474	1	STOP	
	8	1	9W-5567	1	SPOOL AS-RELIEF	
		1	3D-8317	1	RING-RETAINING	
		1	4B-9880	1	BALL	
		1	4M-2381	1	SPRING	
		1	8M-1013	1	RETAINER	
	9	1	9W-5568	1	SLUG	
	10	1	6Y-0744	1	STOP	
	11	1	7G-4842	1	SPRING	
	12	1	9P-3041	1	SPRING	
	13	1	6Y-0726	4	RETAINER	
	14	1	6I-9519	2	SPRING	
	15	1	6Y-0727	2	STOP	
	16	1	4J-0521	2	SEAL-O-RING	
	17	1	118-0287	1	SPRING	
	18	1	6F-6673	2	SEAL-O-RING	
	19	1	2H-3429	1	RING-RETAINING	
B	20	1	5M-9622	1	SHIM (1.6MM THK)	
B	21	1	5M-9623	1	SHIM (0.9MM THK)	
B	22	1	5M-9624	3	SHIM (0.25MM THK)	
	23	1	6P-9785	1	SPRING	
	24	1	3P-8485	1	RING-RETAINING	
	25	1	6P-9786	1	RETAINER	
	26	1	6P-9784	1	SPRING	
	27	1	6P-9783	1	SPRING	
	28	1	6P-4939	1	PISTON-LOAD	
	29	1	2S-4872	1	STOP	
	30	1	5P-6261	2	RING-RETAINING	
	31	1	116-7472	1	PLUNGER	
	32	1	5S-7816	1	SLUG	
	33	1	2S-0696	2	DOWEL	

B-USE AS REQUIRED

POWER TRAIN

145-6478 VALVE GP-SELECTOR & PRESS CONT (contd.)

i01692386



GRAPHIC #1

<END>

g00664437

POWER TRAIN

3E-3748 VALVE GP-SOLENOID-TRANSMISSION CLUTCH

S/N: 1SY1-1184

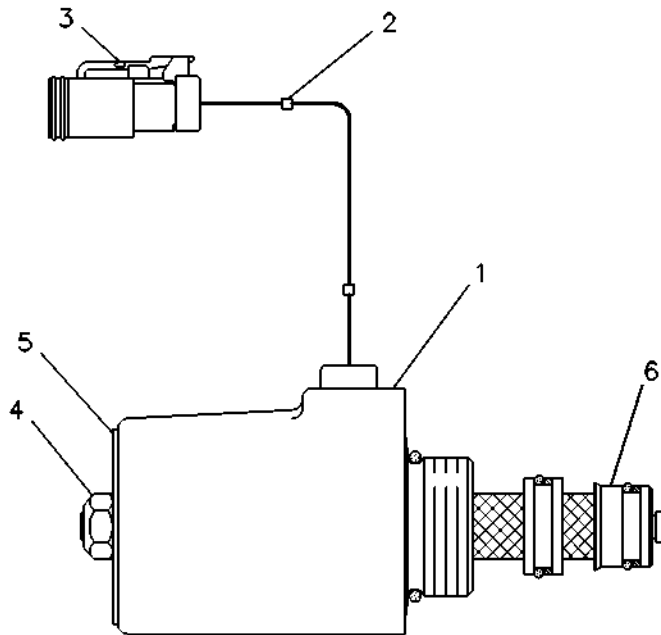
12 VOLT DC

PART OF 155-2639 VALVE GP-CONTROL

SMCS-4282, 5479

i01988735

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-3747	1	COIL AS						
	2	1	1S-9593	2	STRAP - CABLE						
	3	1	3E-3361	1	PLUG AS-CONNECTOR (2 PIN)						
		1	8T-8730	2	SOCKET - CONNECTOR						
		1	3E-3362	1	WEDGE-PLUG LOCK (2 PIN)						
	4	1	104-5970	1	LOCKNUT (1/4-20 THD)						
	5	1	4B-4276	1	WASHER (7X16X1.6MM THK)						
	6	1	7X-1121	1	CARTRIDGE AS						
					AVAILABLE REPAIR KIT(S) :						
			100-4083	1	KIT-SEAL (SOLENOID VALVE)						
					(INCLUDES O-RING SEALS & BACKUP RING)						



GRAPHIC #1

<END>

g00083412

POWER TRAIN

121-4030 VALVE GP-SOLENOID-RH, LH STEERING CLUTCH, BRAKE

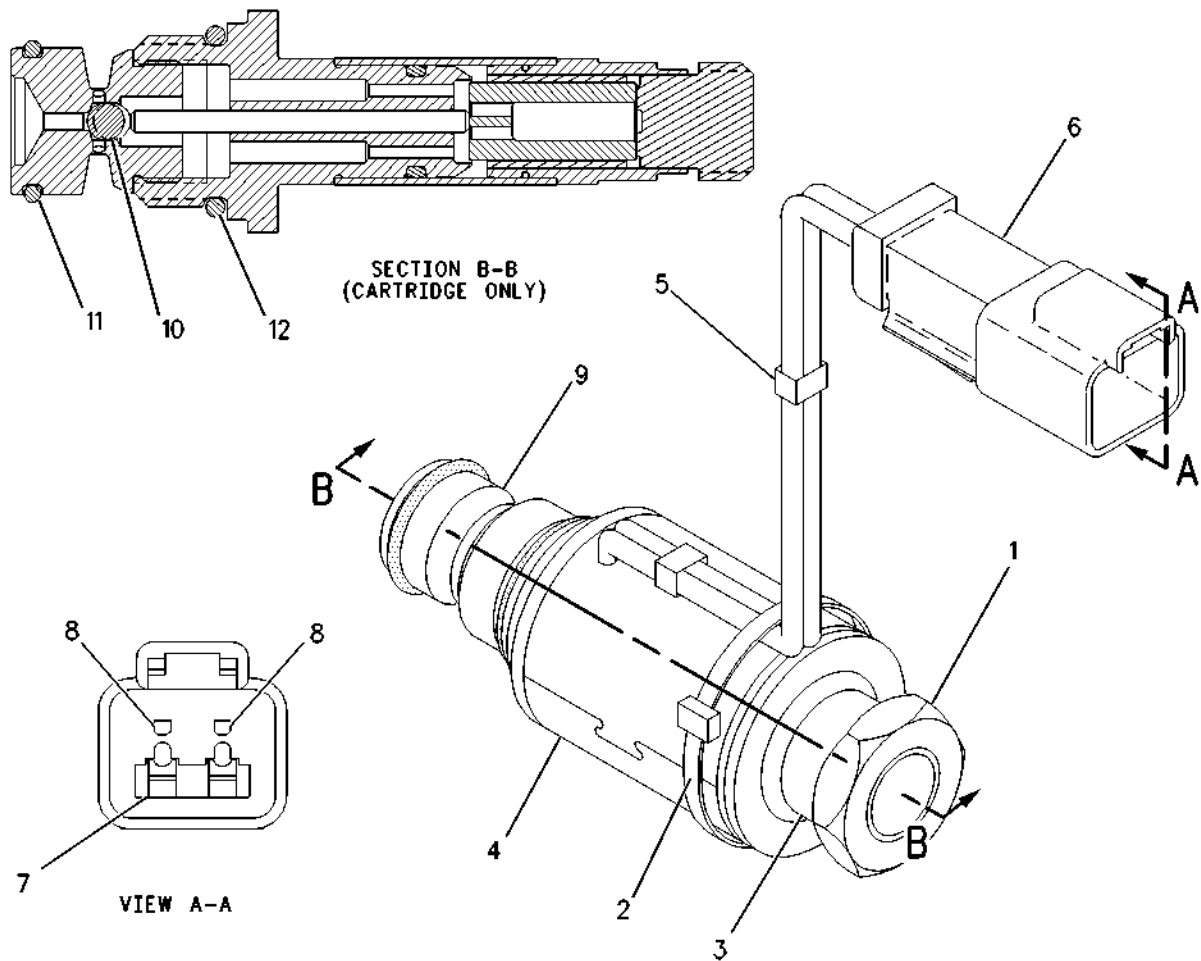
S/N: 7PZ1-406

PART OF 137-8795 MANIFOLD & VALVE GP

SMCS-4282, 4804, 5479

i01988740

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	176-0394	1	NUT-LOCKING (5/8-11 THD)						
	2	1	3S-2093	1	STRAP-CABLE						
	3	1	122-4974	1	SPACER						
	4	1	156-6173	1	COIL AS						
	5	1	1S-9593	2	STRAP-CABLE						
	6	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	7	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
	8	1	8T-8729	2	PIN-CONNECTOR						
	9	1	121-4035	1	CARTRIDGE AS						
	10	1	5P-7538	1	BALL						
	11	1	8L-2746	1	SEAL-O-RING						
	12	1	6V-4589	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00645215

POWER TRAIN

133-2250 VALVE GP-SOLENOID-PARKING, SECONDARY BRAKE

S/N: 7PZ1-406

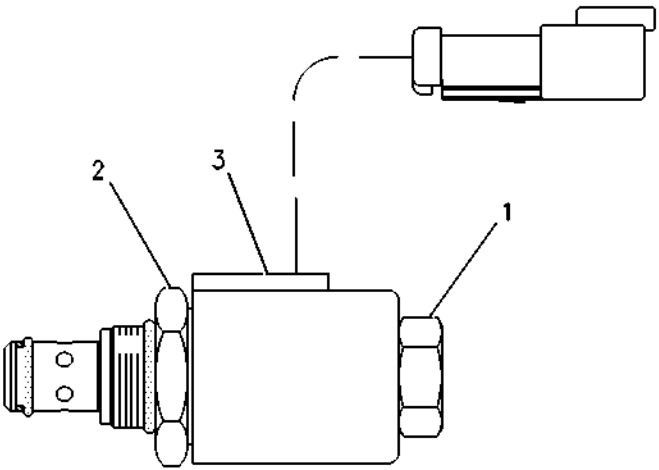
24 VOLT

PART OF 133-3246 MANIFOLD & VALVE GP
FIELD REPLACEMENT ORDER 172-2392-PAGE 488

SMCS-4282, 4804, 5479

i01988741

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3J-9196	1	NUT-JAM (1/2-20 THD)	
	2	1	107-2066	1	CARTRIDGE AS	
		1	7T-1342	1	KIT-HARDWARE (SOLENOID VALVE) (INCLUDES RING & SEALS)	
	3	1	133-2249	1	COIL AS	
		1	1S-9593	2	STRAP-CABLE	
		1	8T-8729	2	PIN-CONNECTOR	
		1	8T-8737	2	PLUG-SEAL	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	



GRAPHIC #1

<END>

g00257872

POWER TRAIN

147-5399 VALVE GP-SOLENOID-TRANSMISSION CLUTCH

S/N: 1SY1185-UP

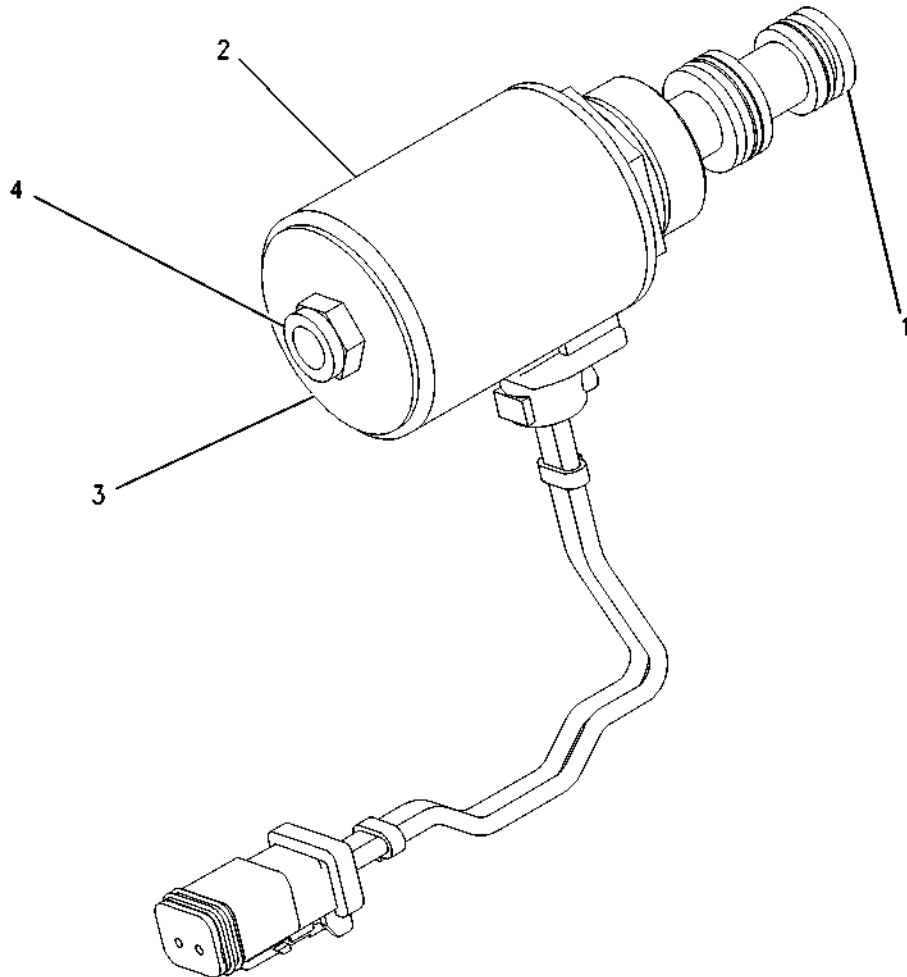
12 VOLT DC

PART OF 155-2639 VALVE GP-CONTROL

SMCS-4282, 5479

i01988731

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	107-8611	1	CARTRIDGE AS						
		1	111-0343	1	LOCKNUT (5/16-18 THD)						
		1	149-5628	1	WASHER (8.3X38.1X1.2MM THK)						
2		1	118-8182	1	COIL AS						
		1	1S-9593	2	STRAP-CABLE						
		1	3E-3362	1	WEDGE-PLUG LOCK (2 PIN)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
3		1	149-5628	1	WASHER (8.3X38.1X1.2MM THK)						
4		1	111-0343	1	LOCKNUT (5/16-18 THD)						



GRAPHIC #1

<END>

g00747733

POWER TRAIN

172-2392 VALVE GP-SOLENOID-RH, LH STEERING CLUTCH, BRAKE

S/N: 7PZ407-UP

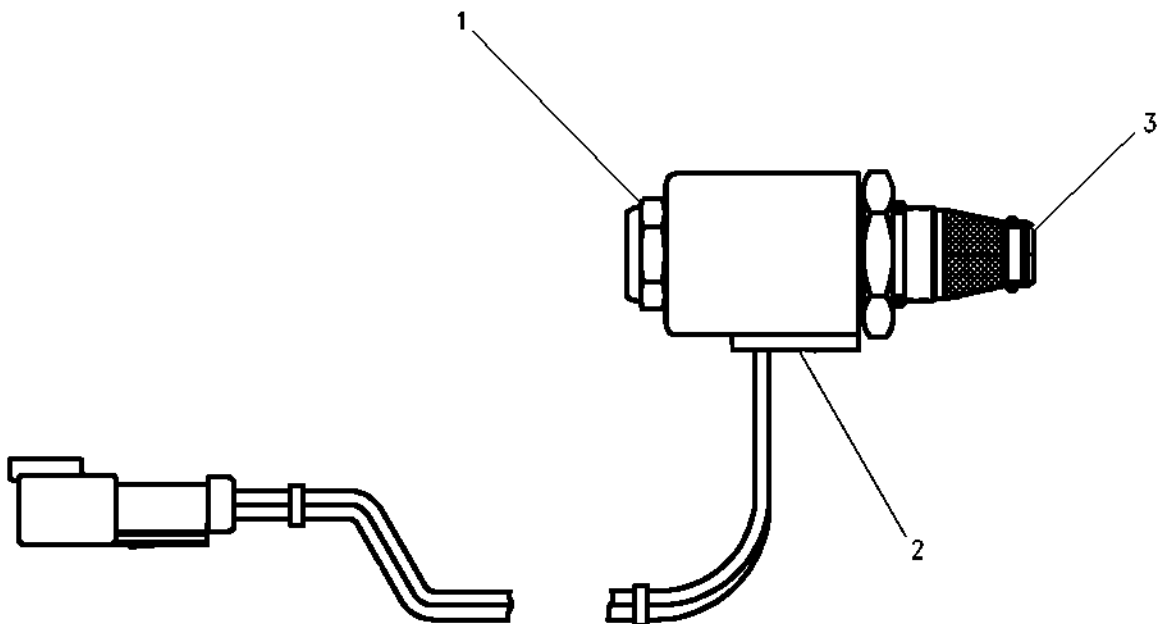
24 VOLT

PART OF 175-4972 MANIFOLD & VALVE GP
FIELD REPLACEMENT FOR 133-2250-PAGE 486

SMCS-4282, 4804, 5479

i01988732

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	156-5970	1	NUT (1/2-20-2B THD)						
	2	1	133-2249	1	COIL AS						
		1	1S-9593	2	STRAP-CABLE						
		1	8T-8729	2	PIN-CONNECTOR						
		1	8T-8737	2	PLUG-SEAL						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	172-2391	1	SPOOL AS						
		1	156-5970	1	NUT (1/2-20-2B THD)						
					AVAILABLE REPAIR KIT(S) :						
			189-1839	1	KIT-SEAL (SOLENOID VALVE)						
					(INCLUDES SEALS & RING-BACK UP)						



GRAPHIC #1

<END>

g00653409

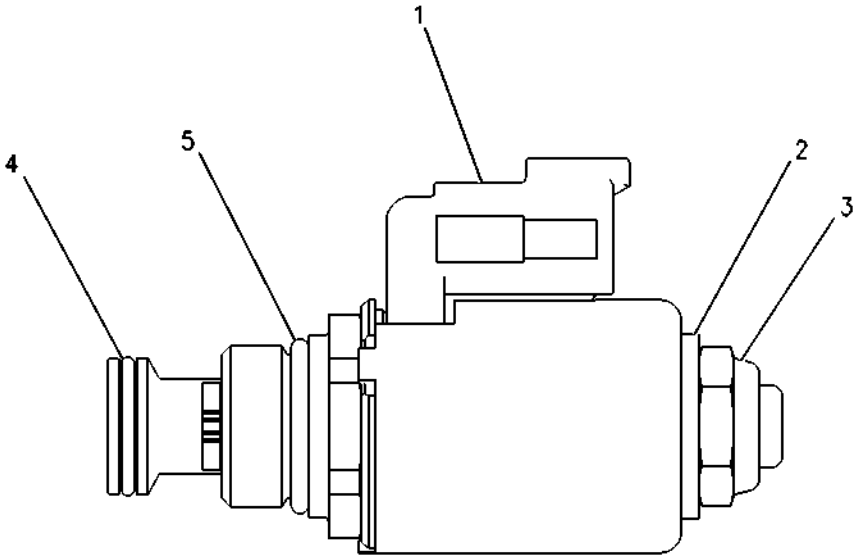
POWER TRAIN

174-4909 VALVE GP-SOLENOID-RH, LH STEERING CLUTCH, BRAKE
S/N: 7PZ407-UP
PART OF 164-6093 MANIFOLD & VALVE GP

SMCS-4282, 4804, 5479

i01563514

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	145-1144	1	COIL AS						
	2	1	164-2108	1	WASHER (13.03X25.4X2.38MM THK)						
	3	1	167-9524	1	NUT-SELF LOCKING (1/2-28 THD)						
	4	1	8L-2746	1	SEAL-O-RING						
	5	1	6V-4589	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00638363

POWER TRAIN

137-8796 VALVE GP-TRANSMISSION CONTROL

S/N: 7PZ1-406

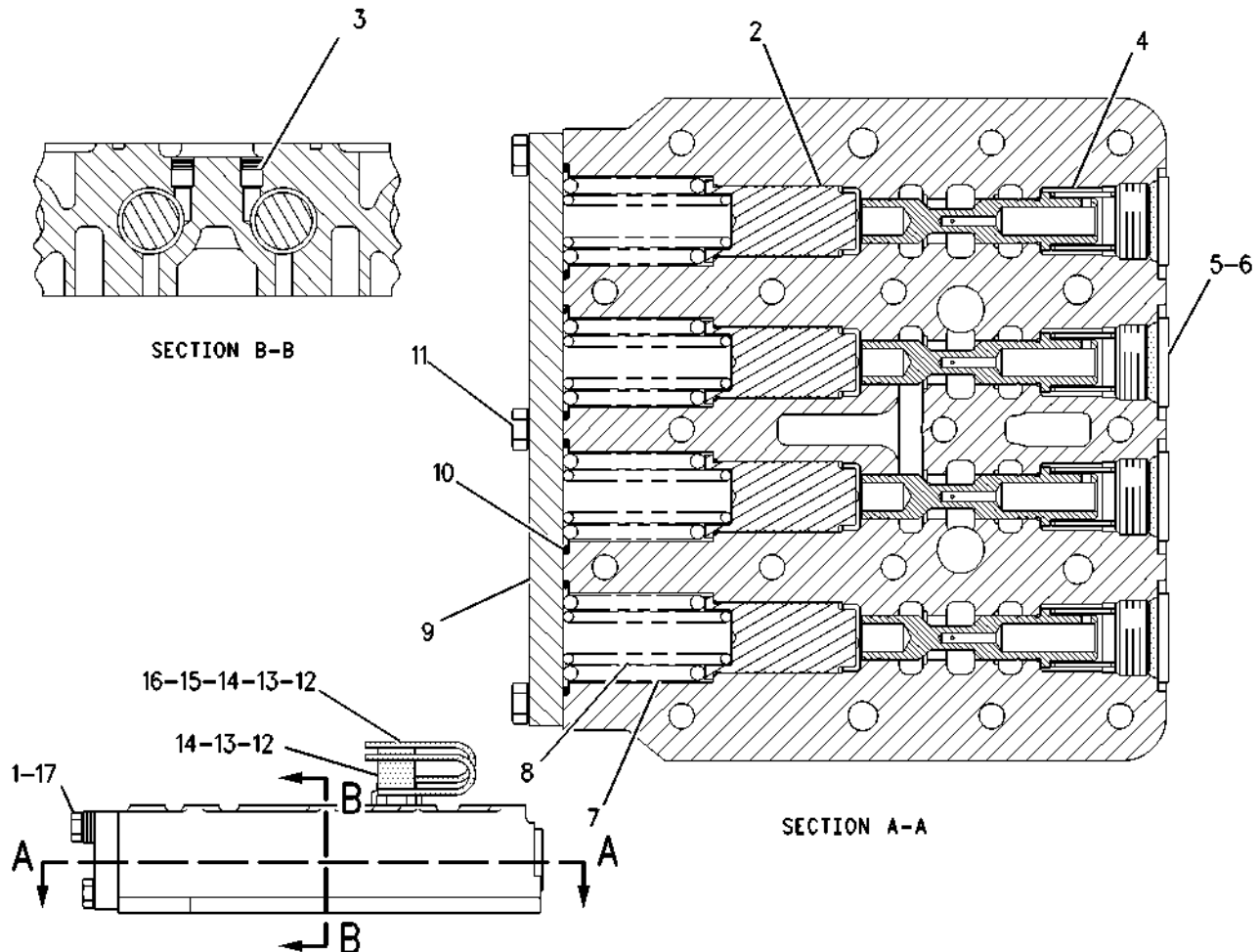
PART OF 133-3255 VALVE GP-STEERING & BRAKE CONT

SMCS-3073

i01988802

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-4224	3	WASHER-HARD (8.8X16X2MM THK)						
	2	1	108-4429	4	PISTON-LOAD						
	3	1	133-3248	2	VALVE-CHECK						
	4	1	108-4430	4	SPRING						
	5	1	9S-8008	4	PLUG (1-1/16X12-2A THD)						
	6	1	3D-2824	4	SEAL-O-RING						
	7	1	108-4432	4	SPRING (30.5MM OD)						
	8	1	108-4431	4	SPRING (18.8MM OD)						
	9	1	108-4433	1	PLATE-END						
	10	1	6J-2419	4	SEAL-O-RING						
M	11	1	8T-7547	3	BOLT (M8X1.25X30MM)						
	12	1	6V-0852	4	CAP-DUST						
	13	1	6V-3965	4	FITTING (QUICK DISCONNECT)						
	14	1	3J-1907	4	SEAL-O-RING						
	15	1	5P-1404	2	ADAPTER-O-RING						
	16	1	2M-9780	2	SEAL-O-RING						
M	17	1	7X-2537	3	BOLT (M8X1.25X35MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00683390

POWER TRAIN

201-7270 VALVE GP-TRANSMISSION CONTROL

S/N: 7PZ407-UP

PART OF 201-7272 VALVE GP-STEERING & BRAKE CONT

SMCS-3073

i01961390

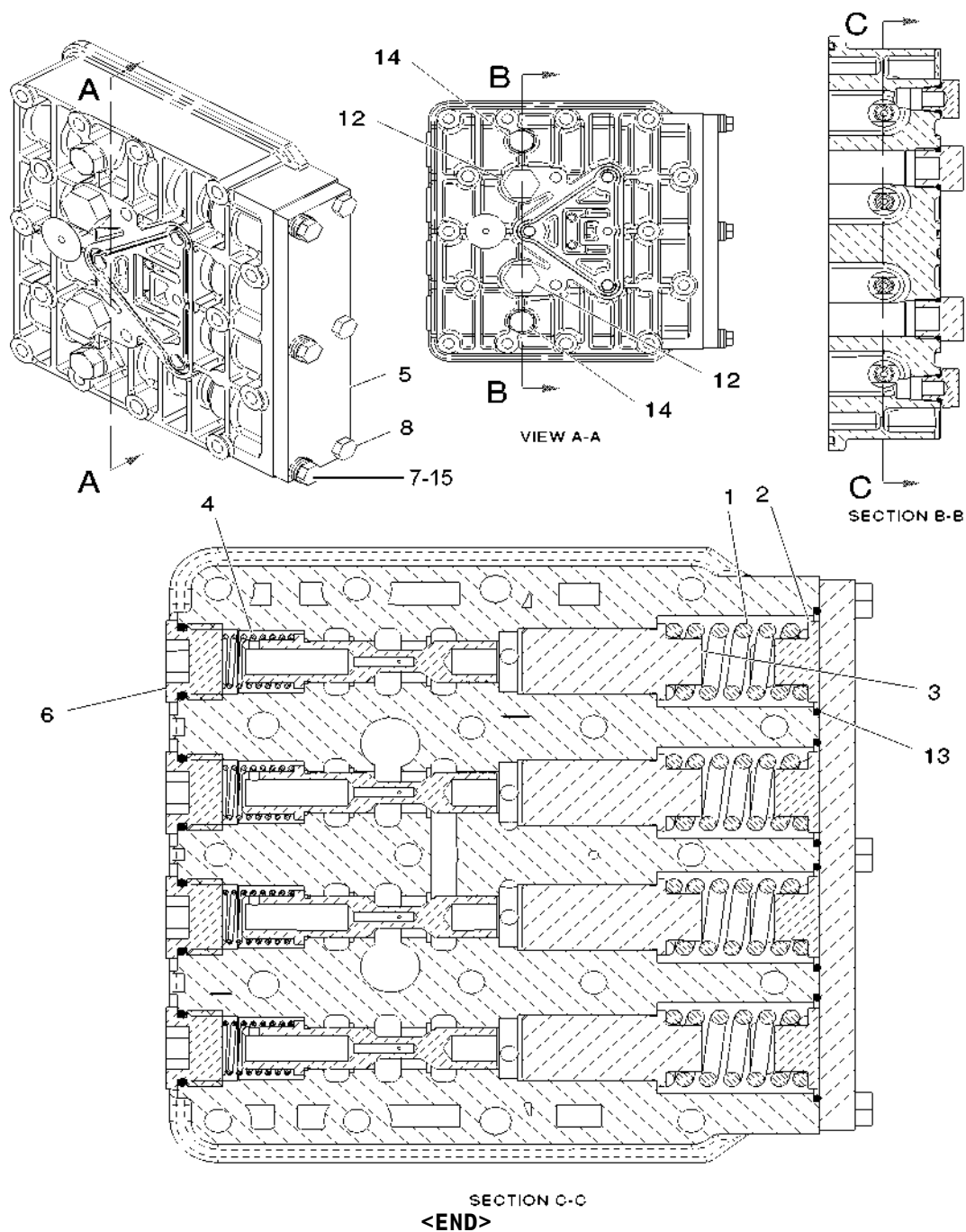
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	188-7067	4	SPRING						
	2	1	188-7068	4	RETAINER						
	3	1	188-7069	4	PISTON-LOAD						
	4	1	108-4430	4	SPRING						
	5	1	108-4433	1	PLATE-END						
	6	1	148-8409	4	PLUG AS						
		1	3D-2824	1	SEAL-O-RING						
M	7	1	7X-2537	3	BOLT (M8X1.25X35MM)						
M	8	1	8T-7547	3	BOLT (M8X1.25X30MM)						
	12	1	148-8410	2	PLUG AS						
		1	2M-9780	1	SEAL-O-RING						
	13	1	6J-2419	4	SEAL-O-RING						
	14	1	148-8407	2	PLUG GP						
		1	3J-1907	1	SEAL-O-RING						
	15	1	8T-4224	3	WASHER-HARD (8.8X16X2MM THK)						

M-METRIC PART

POWER TRAIN

201-7270 VALVE GP-TRANSMISSION CONTROL (contd.)

i01961390



GRAPHIC #1

SECTION C-C
<END>

g01019057

FRAME AND BODY

158-4227 CASE & FRAME GP

S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

SMCS-7051

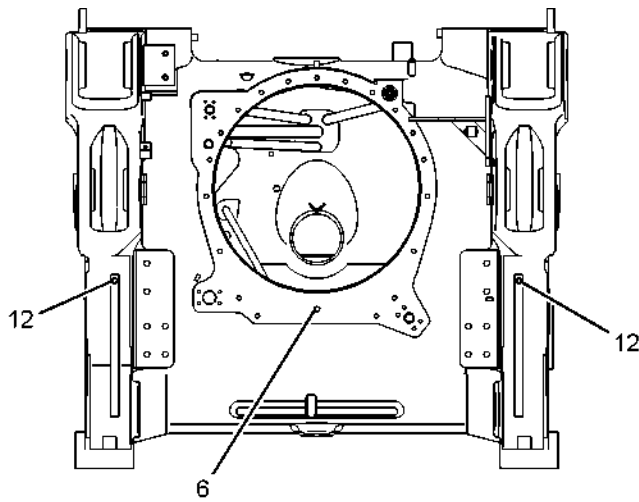
i01989526

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	2	FITTING-GREASE						
	2	1	3T-8458	4	BEARING-SLEEVE						
	3	1	3T-8459	4	BEARING-SLEEVE						
	4	1	4T-9751	4	BEARING-SLEEVE						
	5	1	7T-9014	4	BEARING-SLEEVE						
	6	1	8E-5026	1	DOWEL						
	7	1	8P-0389	2	BEARING-SLEEVE						
	8	1	8P-8929	2	BUSHING-TERMINAL						
	9	1	9J-4782	2	PROTECTOR						
	10	1	106-8186	1	VALVE-DRAIN (CASE) (TRANSMISSION)						
	11	1	106-8187	1	PLUG (DRAIN) (CASE) (TRANSMISSION)						
	12	1	9S-4182	2	PLUG						
	13	1	5M-6214	2	PLUG-PIPE						
	14	1	6F-0711	1	SEAL-O-RING						
	15	1	158-4228	1	CASE & FRAME AS						
	15A	1	102-8610	8	HINGE AS						
	15B	1	136-2662	1	TRUNNION						
	16	1	6Y-5812	4	BEARING-SLEEVE						

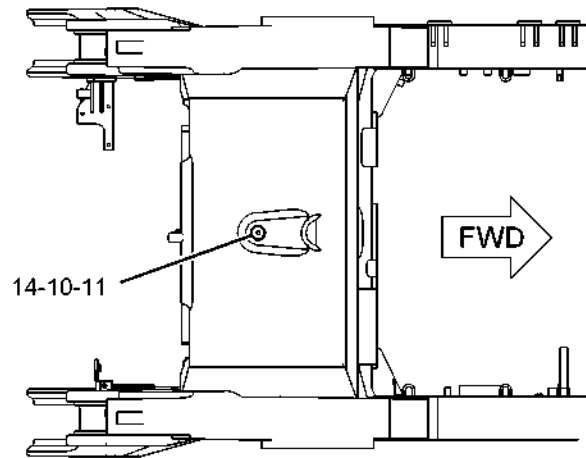
FRAME AND BODY

158-4227 CASE & FRAME GP (contd.)

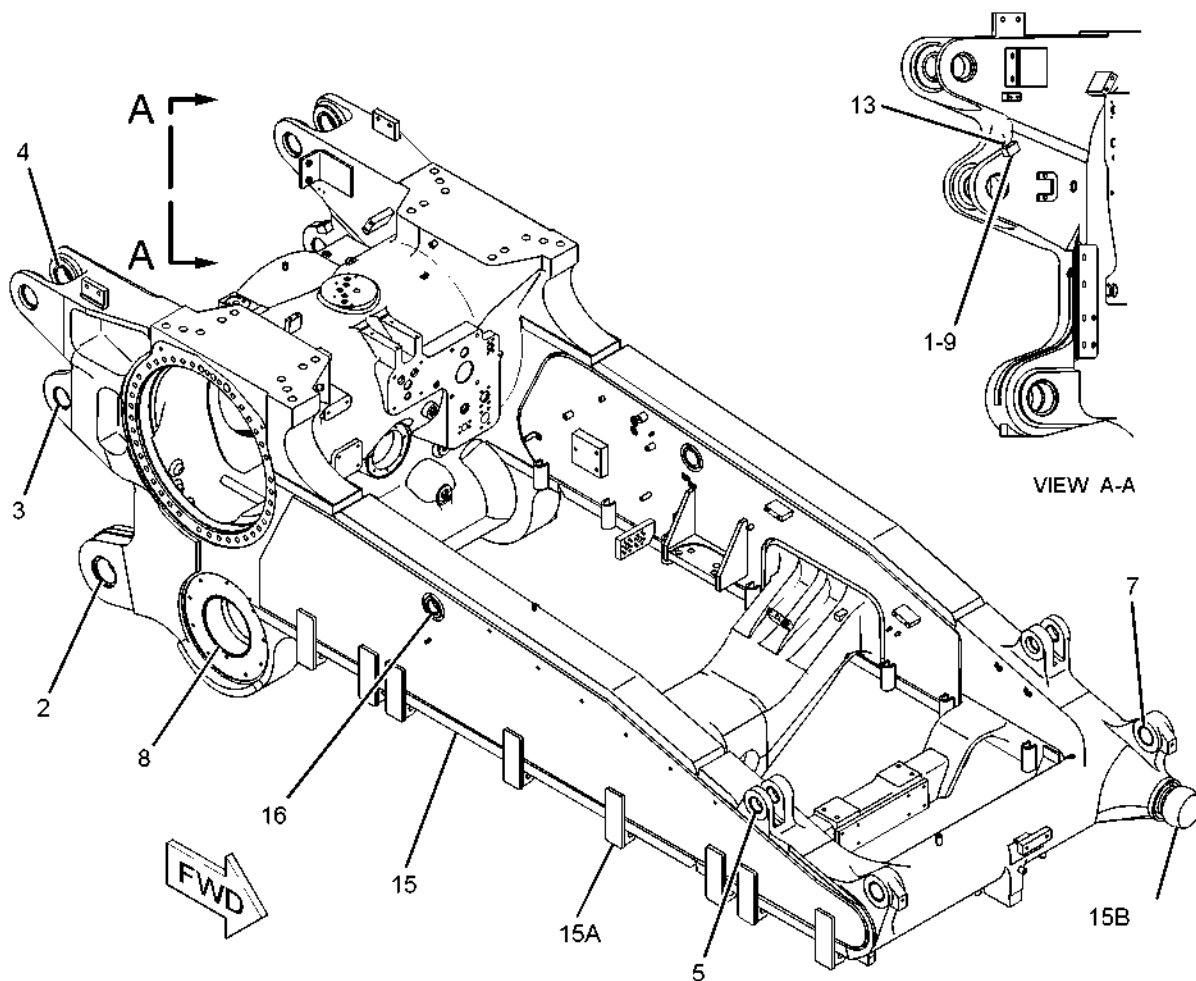
i01989526



REAR VIEW



BOTTOM VIEW



GRAPHIC #1

<END>

g01027713

FRAME AND BODY

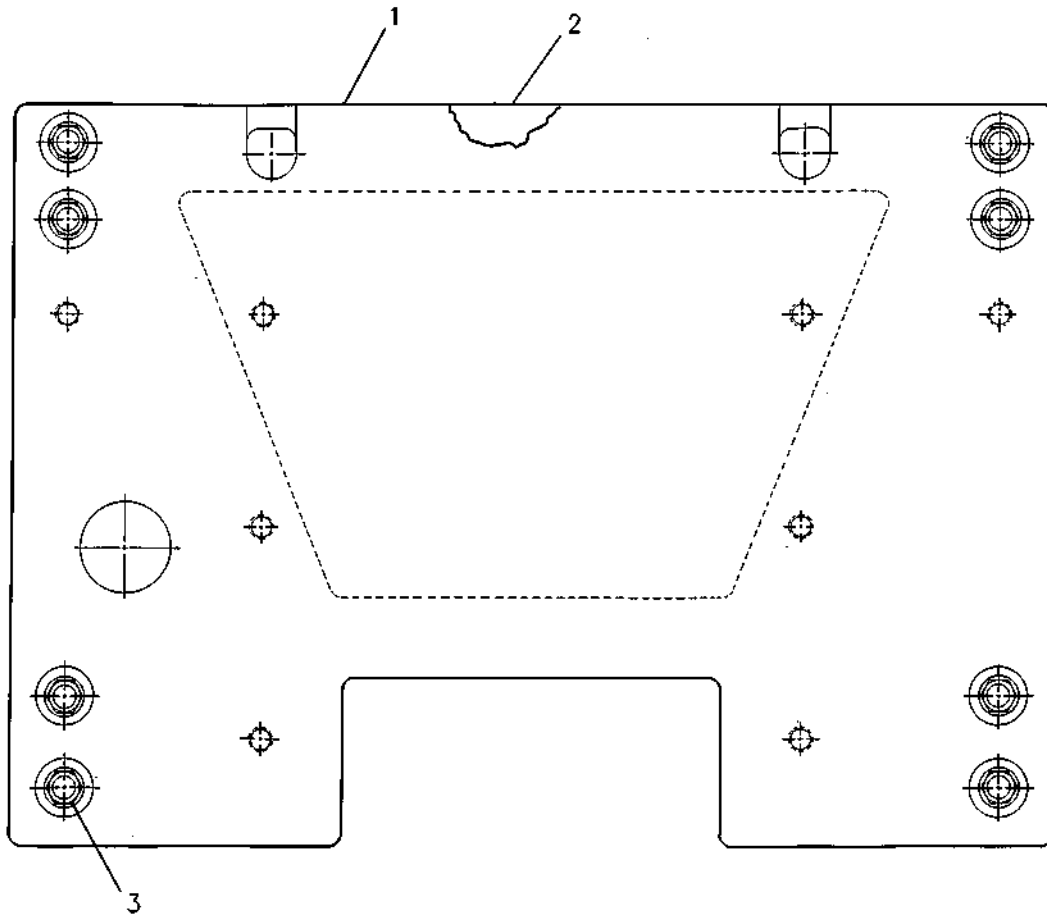
9U-9276 COUNTERWEIGHT GP

S/N: 7PZ1-UP
5160 KG (11,352 LBS.)
AN ATTACHMENT

SMCS-7056

i00594833

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	107-5668	1	PLATE						
	2	1	107-5667	1	PLATE AS						
	3	1	6V-5728	8	STUD-TAPERLOCK						
		1	3S-6162	8	WASHER-HARD (6MM THK)						
		1	9S-8216	8	NUT-FULL (1-1/2-6 THD)						



GRAPHIC #1

<END>

g00231161

FRAME AND BODY

143-1233 COUNTERWEIGHT GP-REAR

S/N: 7PZ1-UP

FOR USE WITH MACHINES EQUIPPED WITH TRANSMISSION GUARD WITHOUT DRAWBAR HITCH
AN ATTACHMENT

SMCS-7056

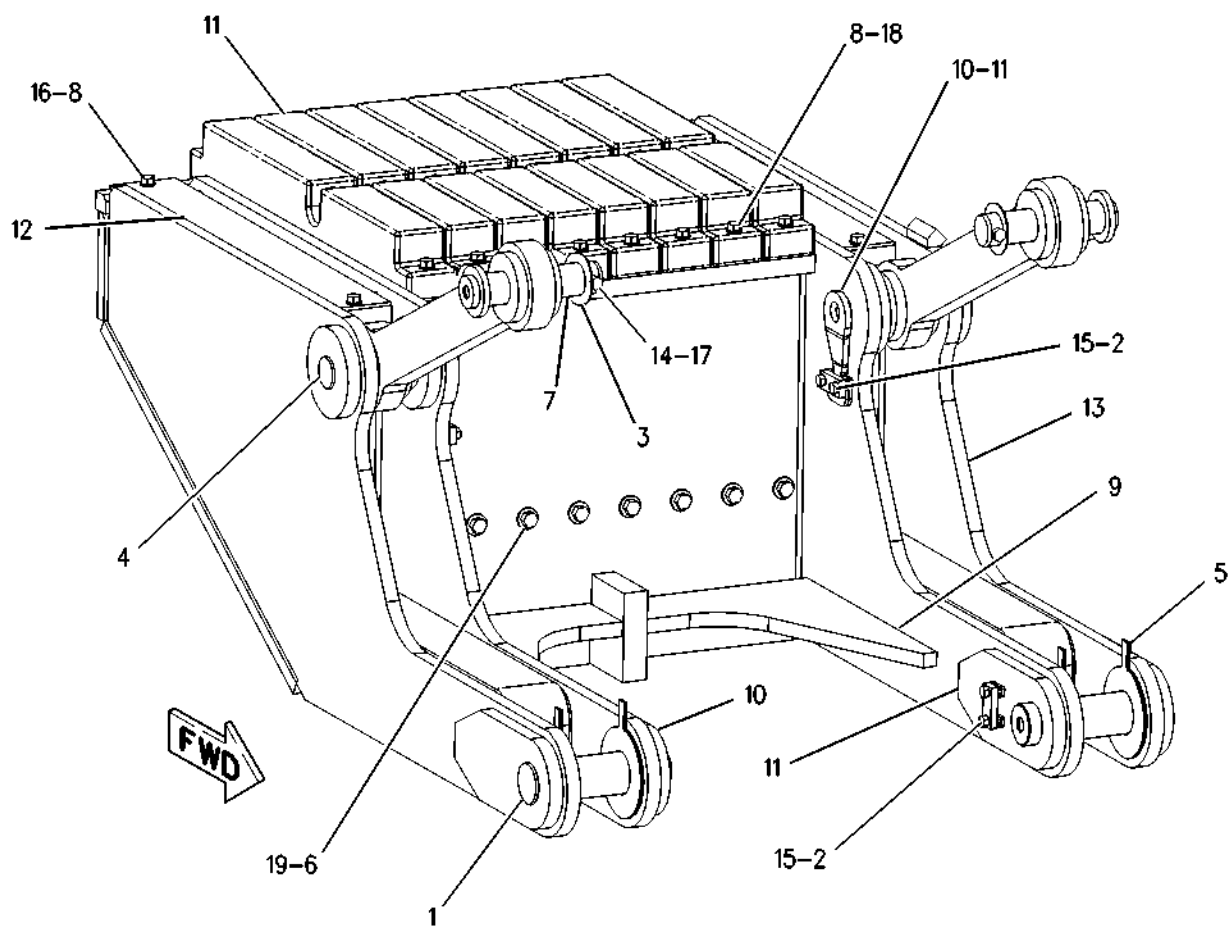
i01692398

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4T-2805	2	PIN AS						
	2	1	7T-7305	4	PLATE						
	3	1	8W-9506	2	SPACER (90.5X140X3MM THK)						
	4	1	9J-6691	2	PIN AS						
	5	1	9W-5556	12	SPACER (120X250X3MM THK)						
	6	1	126-0186	8	PLATE						
	7	1	132-0055	2	PIN AS						
	8	1	8C-6913	20	WASHER-HARD (24X41.5X4MM THK)						
	9	1	144-0342	1	COUNTERWEIGHT AS						
	10	1	2J-1227	4	RETAINER						
	11	1	144-0344	8	COUNTERWEIGHT						
	12	1	144-0345	2	ROD						
	13	1	144-6394	2	LINK AS						
	14	1	6K-0545	2	LOCKNUT						
	15	1	7X-0365	8	BOLT (3/4-10X1.5 IN)						
	16	1	7X-0379	4	BOLT (7/8-9X1.50 IN)						
	17	1	7X-0388	2	BOLT (7/8-9X4.5 IN)						
	18	1	7X-0389	16	BOLT (7/8-9X4.75 IN)						
	19	1	7X-0405	8	BOLT (1-8X2.75 IN)						

FRAME AND BODY

143 - 1233 COUNTERWEIGHT GP - REAR (contd.)

i01692398



GRAPHIC #1

<END>

g00745621

FRAME AND BODY

159-7221 ENCLOSURE GP-ENGINE

S/N: 7PZ1-615

AN ATTACHMENT

SMCS-7263

i01444623

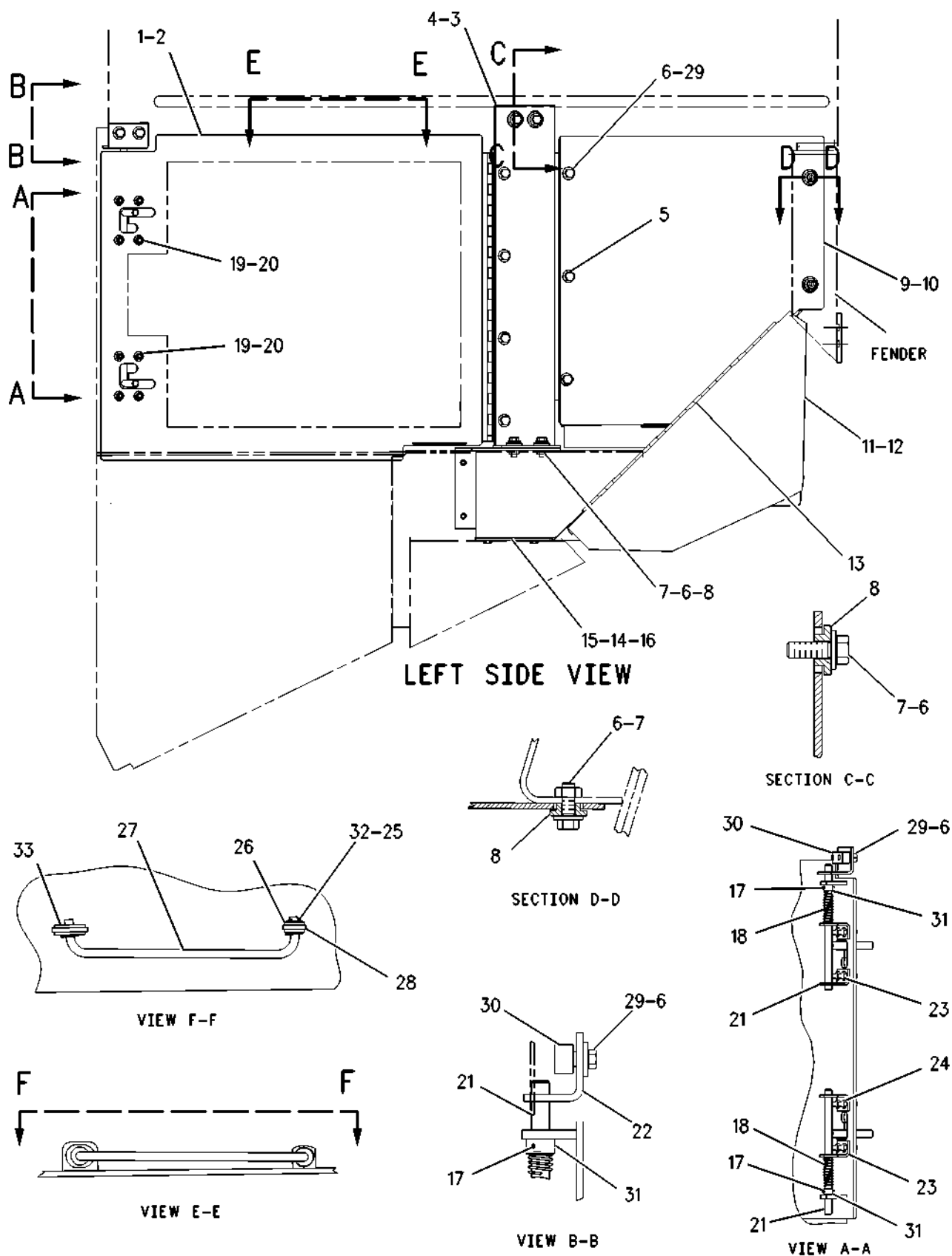
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	159-8131	1	DOOR AS-LH						
	2	1	159-8130	1	DOOR AS-RH						
					(EACH DOOR AS INCLUDES)						
		1	1F-0748	4	NUT-WELD (1/2-13 THD)						
		1	6Y-2399	1	HINGE						
	3	1	107-9659	1	POST AS-LH						
	4	1	107-9658	1	POST AS-RH						
					(EACH POST AS INCLUDES)						
	5	1	1F-0748	3	NUT-WELD (1/2-13 THD)						
	6	1	5P-1076	30	WASHER-HARD (13.5X30X4MM THK)						
	7	1	5P-2566	12	BOLT (1/2-13X1.5 IN)						
	8	1	9P-8663	12	SPACER (13MM THK)						
	9	1	107-9661	1	SCREEN AS-LH						
	10	1	107-9660	1	SCREEN AS-RH						
	11	1	6Y-2413	1	COVER AS (LH)						
	12	1	196-7594	1	COVER AS (RH)						
					(EACH COVER AS INCLUDES)						
	13	1	196-7592	1	HINGE AS						
	14	1	6Y-2412	1	PLATE AS (RH)						
	15	1	6Y-2410	1	PLATE AS (LH)						
					(EACH PLATE AS INCLUDES)						
		1	1F-0750	4	NUT-WELD (3/8-16 THD)						
	16	1	1F-0748	2	NUT-WELD (1/2-13 THD)						
	17	1	6H-3956	4	PIN						
	18	1	6B-0533	4	SPRING						
	19	1	035-2017	16	SCREW-BUTTON HEAD (3/8-16X1 IN)						
	20	1	5P-1075	16	WASHER-HARD (10.2X22.5X3MM THK)						
	21	1	161-0832	4	HANDLE AS						
	22	1	6Y-2601	2	PLATE						
	23	1	172-4277	8	GUIDE AS						
					(EACH INCLUDES)						
	24	1	1F-0750	2	NUT-WELD (3/8-16 THD)						
	25	1	4B-4278	2	WASHER (10.2X20.5X1.6MM THK)						
	26	1	4M-7470	2	GROMMET						
	27	1	3V-9399	2	ROD AS						
					(EACH INCLUDES)						
	28	1	4B-4278	2	WASHER (10.2X20.5X1.6MM THK)						
	29	1	5C-6565	18	BOLT (1/2-13X1.25 IN)						
	30	1	4H-7728	2	LUG						
	31	1	9S-2075	4	SPACER						
	32	1	3B-4605	2	COTTER						
	33	1	4H-2558	2	GROMMET						

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES

FRAME AND BODY

159-7221 ENCLOSURE GP-ENGINE (contd.)

i01444623



GRAPHIC #1

<END>

g00696826

FRAME AND BODY

159-7221 ENCLOSURE GP-ENGINE

S/N: 7PZ616-681

PART OF 155-5552 CHASSIS AR

SMCS-7263

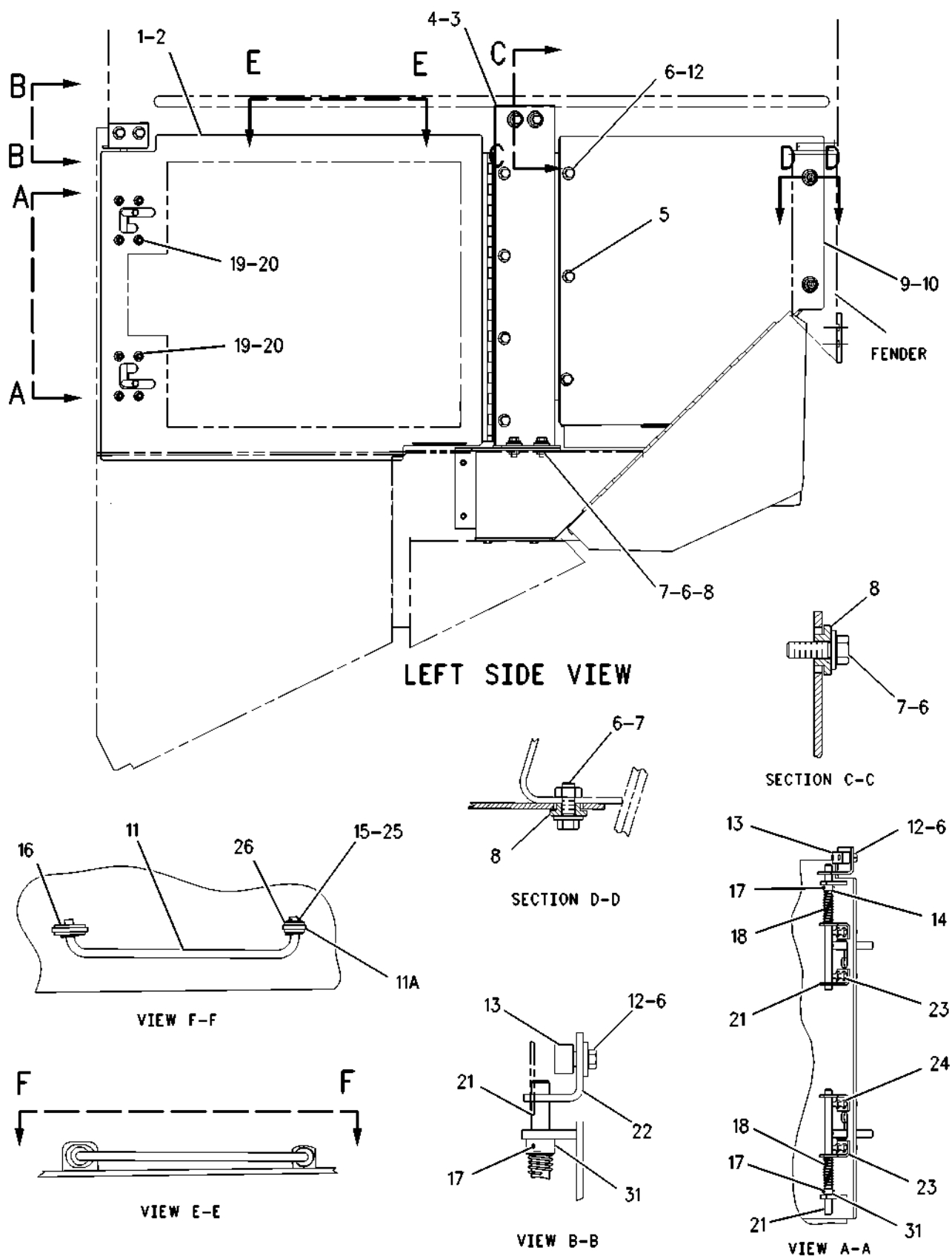
i01853691

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	159-8131	1	DOOR AS (LH)						
	2	1	159-8130	1	DOOR AS (RH)						
					(EACH DOOR AS INCLUDES)						
		1	1F-0748	4	NUT-WELD (1/2-13 THD)						
		1	6Y-2399	1	HINGE						
	3	1	107-9659	1	POST AS-LH						
	4	1	107-9658	1	POST AS-RH						
					(EACH POST AS INCLUDES)						
	5	1	1F-0748	3	NUT-WELD (1/2-13 THD)						
	6	1	5P-1076	30	WASHER-HARD (13.5X30X4MM THK)						
	7	1	5P-2566	12	BOLT (1/2-13X1.5 IN)						
	8	1	9P-8663	12	SPACER (13.8X38X13MM THK)						
	9	1	107-9661	1	SCREEN AS-LH						
	10	1	107-9660	1	SCREEN AS-RH						
	11	1	3V-9399	2	ROD AS						
					(EACH INCLUDES)						
	11A	1	4B-4278	2	WASHER (10.2X20.5X1.6MM THK)						
	12	1	5C-6565	18	BOLT (1/2-13X1.125 IN)						
	13	1	4H-7728	2	LUG						
	14	1	9S-2075	4	SPACER (.50 IN THK)						
	15	1	3B-4605	2	PIN-COTTER						
	16	1	4H-2558	2	GROMMET						
	17	1	6H-3956	4	PIN						
	18	1	6B-0533	4	SPRING						
	19	1	035-2017	16	SCREW-BUTTON HEAD (3/8-16X1 IN)						
	20	1	5P-1075	16	WASHER-HARD (10.2X22.5X3MM THK)						
	21	1	161-0832	4	HANDLE AS						
	22	1	6Y-2601	2	PLATE						
	23	1	172-4277	8	GUIDE AS						
					(EACH INCLUDES)						
	24	1	1F-0750	2	NUT-WELD (3/8-16 THD)						
	25	1	4B-4278	2	WASHER (10.2X20.5X1.6MM THK)						
	26	1	4M-7470	2	GROMMET						

FRAME AND BODY

159-7221 ENCLOSURE GP-ENGINE (contd.)

i01853691



GRAPHIC #1

<END>

g00945108

FRAME AND BODY

159-7221 ENCLOSURE GP-ENGINE

S/N: 7PZ682-UP

PART OF 155-5552 CHASSIS AR

SMCS-7263

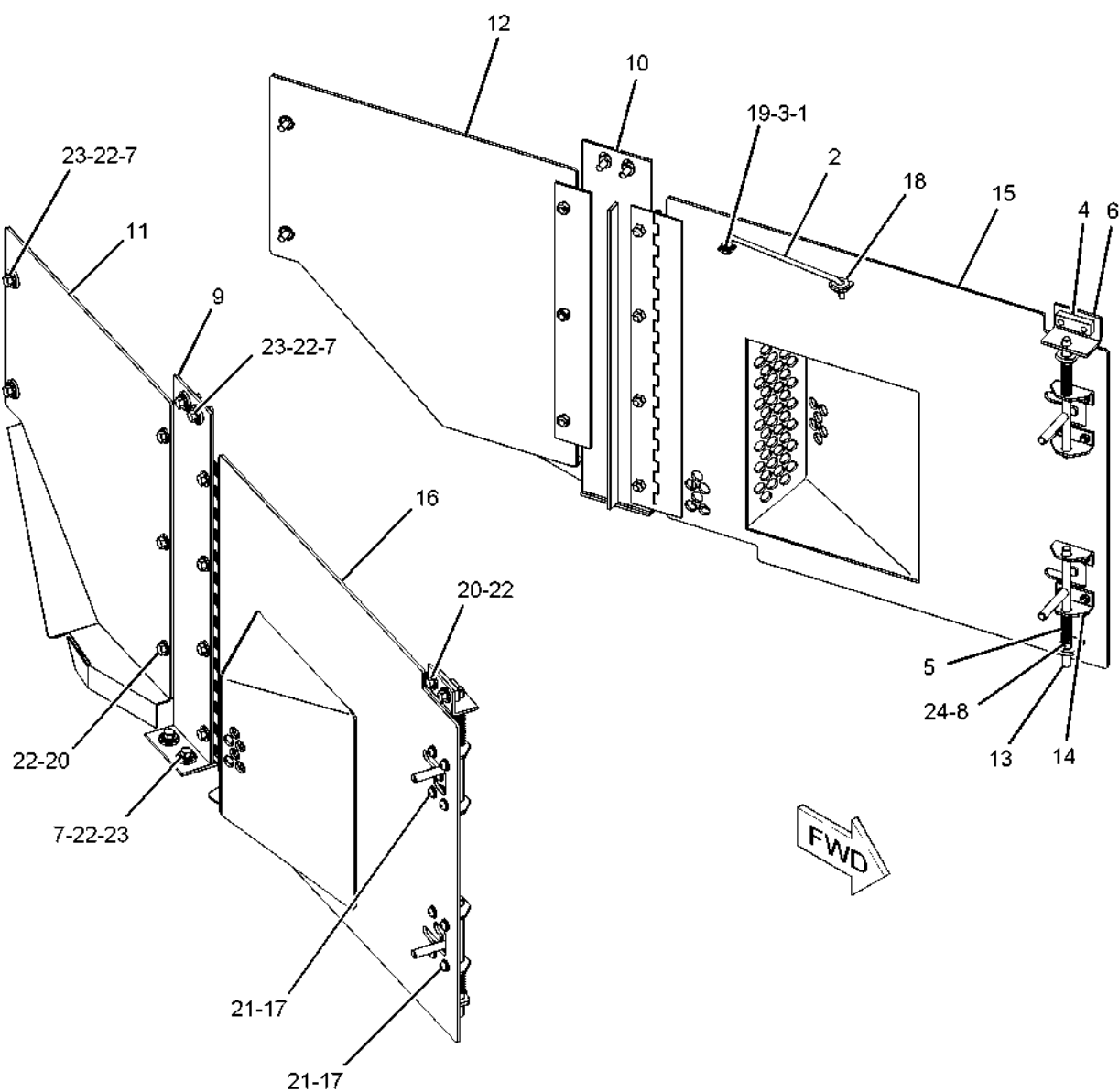
i01963970

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3B-4605	2	PIN-COTTER	
	2	1	3V-9399	2	ROD AS	
					(EACH INCLUDES)	
		1	4B-4278	2	WASHER (10.2X20.5X1.6MM THK)	
	3	1	4B-4278	2	WASHER (10.2X20.5X1.6MM THK)	
	4	1	4H-7728	2	LUG	
	5	1	6B-0533	4	SPRING	
	6	1	6Y-2601	2	PLATE	
	7	1	9P-8663	12	SPACER (13.8X38X13MM THK)	
	8	1	9S-2075	4	SPACER	
	9	1	107-9658	1	POST AS-RH	
					(EACH POST AS INCLUDES)	
		1	1F-0748	3	NUT-WELD (1/2-13 THD)	
	10	1	107-9659	1	POST AS-LH	
	11	1	107-9660	1	SCREEN AS-RH	
	12	1	107-9661	1	SCREEN AS-LH	
	13	1	161-0832	4	HANDLE AS	
	14	1	172-4277	8	GUIDE AS	
					(EACH INCLUDES)	
		1	1F-0750	2	NUT-WELD (3/8-16THD)	
	15	1	215-2554	1	DOOR AS (LH)	
	16	1	215-2556	1	DOOR AS (RH)	
					(EACH DOOR AS INCLUDES)	
		1	1F-0748	4	NUT-WELD (1/2-13 THD)	
		1	6Y-2399	1	HINGE	
	17	1	035-2017	16	SCREW-BUTTON HEAD (3/8-16X1 IN)	
	18	1	4H-2558	2	GROMMET	
	19	1	4M-7470	2	GROMMET	
	20	1	5C-6565	18	BOLT (1/2-13X1.125 IN)	
	21	1	5P-1075	16	WASHER-HARD (10.2X22.5X3MM THK)	
	22	1	5P-1076	30	WASHER-HARD (13.5X30X4MM THK)	
	23	1	5P-2566	12	BOLT (1/2-13X1.5 IN)	
	24	1	6H-3956	4	PIN	

FRAME AND BODY

159-7221 ENCLOSURE GP-ENGINE (contd.)

i01963970



GRAPHIC #1

<END>

g01025926

FRAME AND BODY

159-3793 ENCLOSURE GP-FENDER

S/N: 7PZ1-357

PART OF 155-5552 CHASSIS AR

SMCS-7267

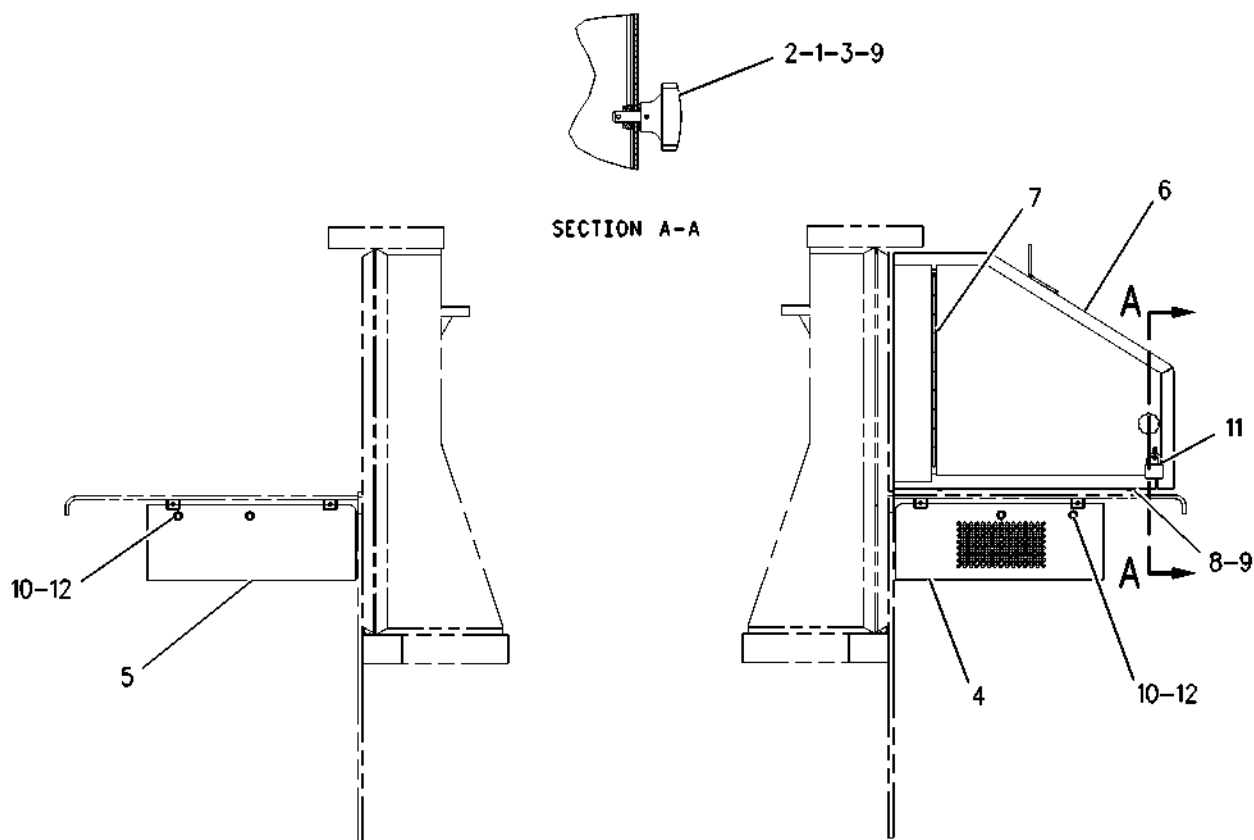
i01988795

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4H-1641	1	PIN-SPRING						
	2	1	8E-7561	1	KNOB AS						
		1	8T-7566	1	PIN-SPRING						
		1	7S-2042	1	STUD						
3	1	1	9S-8230	1	PLATE AS						
		1	1F-0750	1	NUT-WELD (3/8-16THD)						
4	1	1	159-3794	1	PLATE						
5	1	1	159-3795	1	PLATE						
6	1	1	191-1815	1	COVER AS						
		1	3P-3604	4	STUD-WELD (1/4-20X.620 IN OAL)						
		1	1F-0750	1	NUT-WELD (3/8-16THD)						
		1	4F-9101	4	LUG (1/4-20 THD)						
		1	7T-1099	4	LINK						
		1	8D-3508	1	BOSS (3/8-16X1 IN THD)						
7	1	1	8V-4422	1	HINGE						
8	1	1	5M-3062	4	BOLT (3/8-16X0.75 IN)						
9	1	1	5P-1075	5	WASHER-HARD (10.2X22.5X3MM THK)						
10	1	1	5P-1076	4	WASHER-HARD (13.5X30X4MM THK)						
11	1	1	5P-8502	1	PADLOCK GP (FENDER ENCLOSURE)						
		1	5P-8500	1	KEY						
		1	8Y-6364	1	SLEEVE						
12	1	1	5C-6565	4	BOLT (1/2-13X1.125 IN)						

FRAME AND BODY

159-3793 ENCLOSURE GP-FENDER (contd.)

i01988795



GRAPHIC #1

<END>

g00752200

FRAME AND BODY

159-3793 ENCLOSURE GP-FENDER

S/N: 7PZ358-753

PART OF 155-5552 CHASSIS AR

SMCS-7267

i01988794

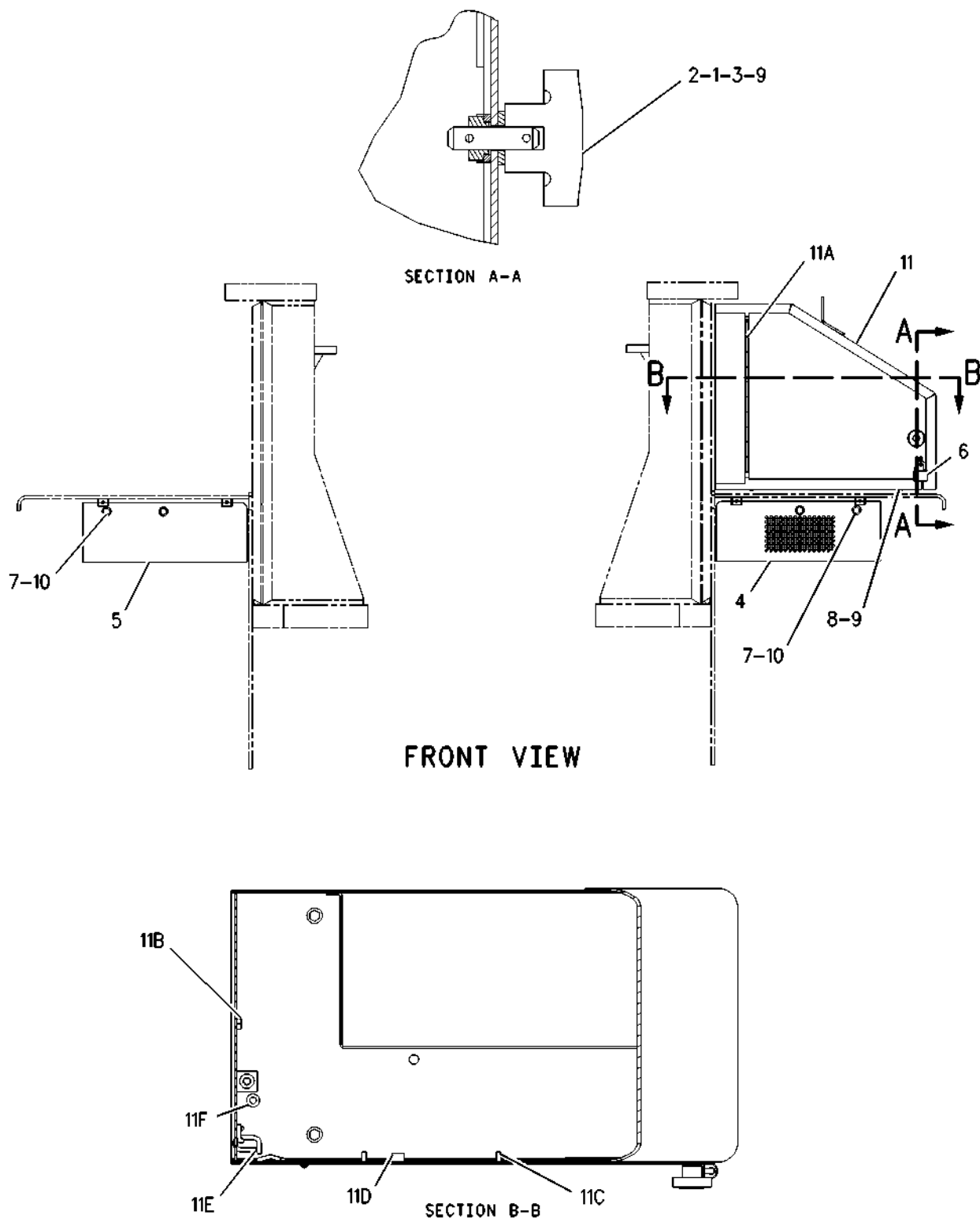
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	4H-1641	1	PIN-SPRING	
	2	1	8E-7561	1	KNOB AS	
		1	8T-7566	1	PIN-SPRING	
		1	7S-2042	1	STUD	
3		1	9S-8230	1	PLATE AS	
		1	1F-0750	1	NUT-WELD (3/8-16THD)	
4		1	159-3794	1	PLATE	
5		1	159-3795	1	PLATE	
6		1	5P-8502	1	PADLOCK GP (FENDER ENCLOSURE)	
		1	5P-8500	1	KEY	
		1	8Y-6364	1	SLEEVE	
C	7	1	5C-6565	4	BOLT (1/2-13X1.125 IN)	
	8	1	5M-3062	4	BOLT (3/8-16X0.75 IN)	
C	9	1	5P-1075	1	WASHER-HARD (10.2X22.5X3MM THK)	
C	10	1	5P-1076	4	WASHER-HARD (13.5X30X4MM THK)	
C	11	1	191-1815	1	COVER AS	
	11A	1	8V-4422	1	HINGE	
	11B	1	1F-0750	1	NUT-WELD (3/8-16THD)	
	11C	1	3P-3604	4	STUD-WELD (1/4-20X.620 IN OAL)	
	11D	1	4F-9101	1	LUG (1/4-20 THD)	
	11E	1	7T-1099	4	LINK	
	11F	1	8D-3508	1	BOSS (3/8-16X1 IN THD)	

C-CHANGE FROM PREVIOUS TYPE

FRAME AND BODY

159-3793 ENCLOSURE GP - FENDER (contd.)

i01988794



GRAPHIC #1

<END>

g00800107

FRAME AND BODY

159-3793 ENCLOSURE GP-FENDER

S/N: 7PZ754-UP

PART OF 155-5552 CHASSIS AR

SMCS-7267

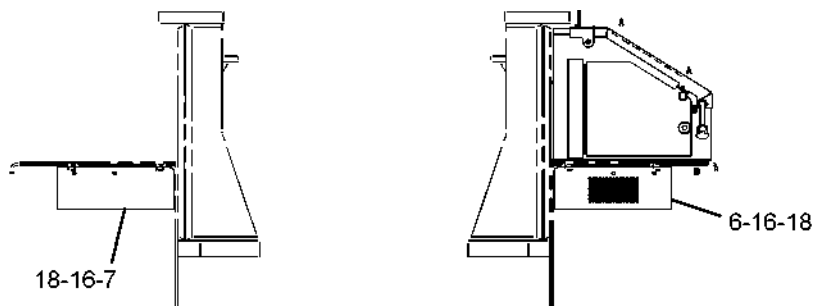
i01988796

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3W-3110	2	LOCK PIN						
	2	1	5P-8502	1	PADLOCK GP (FENDER ENCLOSURE)						
		1	8Y-6364	1	SLEEVE						
		1	5P-8500	1	KEY						
	3	1	8E-7561	1	KNOB AS (OIL RENEWAL SYSTEM COVER)						
		1	7S-2042	1	STUD						
		1	8T-7566	1	PIN-SPRING						
	4	1	9M-3835	1	LATCH-RUBBER						
	5	1	9S-8230	1	PLATE AS						
		1	1F-0750	1	NUT-WELD (3/8-16THD)						
	6	1	159-3794	1	PLATE						
	7	1	159-3795	1	PLATE						
	8	1	238-9976	1	ENCLOSURE AS						
	9	1	238-9977	1	COVER AS						
	10	1	239-1168	1	LINK						
	11	1	0S-1621	2	BOLT (1/2-13X1 IN)						
	12	1	132-7551	4	SPACER (11X19X6MM THK)						
	13	1	2H-3855	2	BOLT (1/2-13X0.875 IN)						
	14	1	2M-5795	1	PIN-CLEVIS						
	15	1	4H-1641	1	PIN-SPRING						
	16	1	5C-6565	4	BOLT (1/2-13X1.125 IN)						
	17	1	5P-1075	1	WASHER-HARD (10.2X22.5X3MM THK)						
	18	1	5P-1076	4	WASHER-HARD (13.5X30X4MM THK)						
	19	1	5P-8245	4	WASHER-HARD (13.5X25.5X3MM THK)						
	20	1	5V-1496	1	RETAINER						
	21	1	8T-4222	4	WASHER-PLATED (11X32X2.5MM THK)						
	22	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5MM THK)						
	23	1	9B-7237	4	BOLT (3/8-16X1.25 IN)						

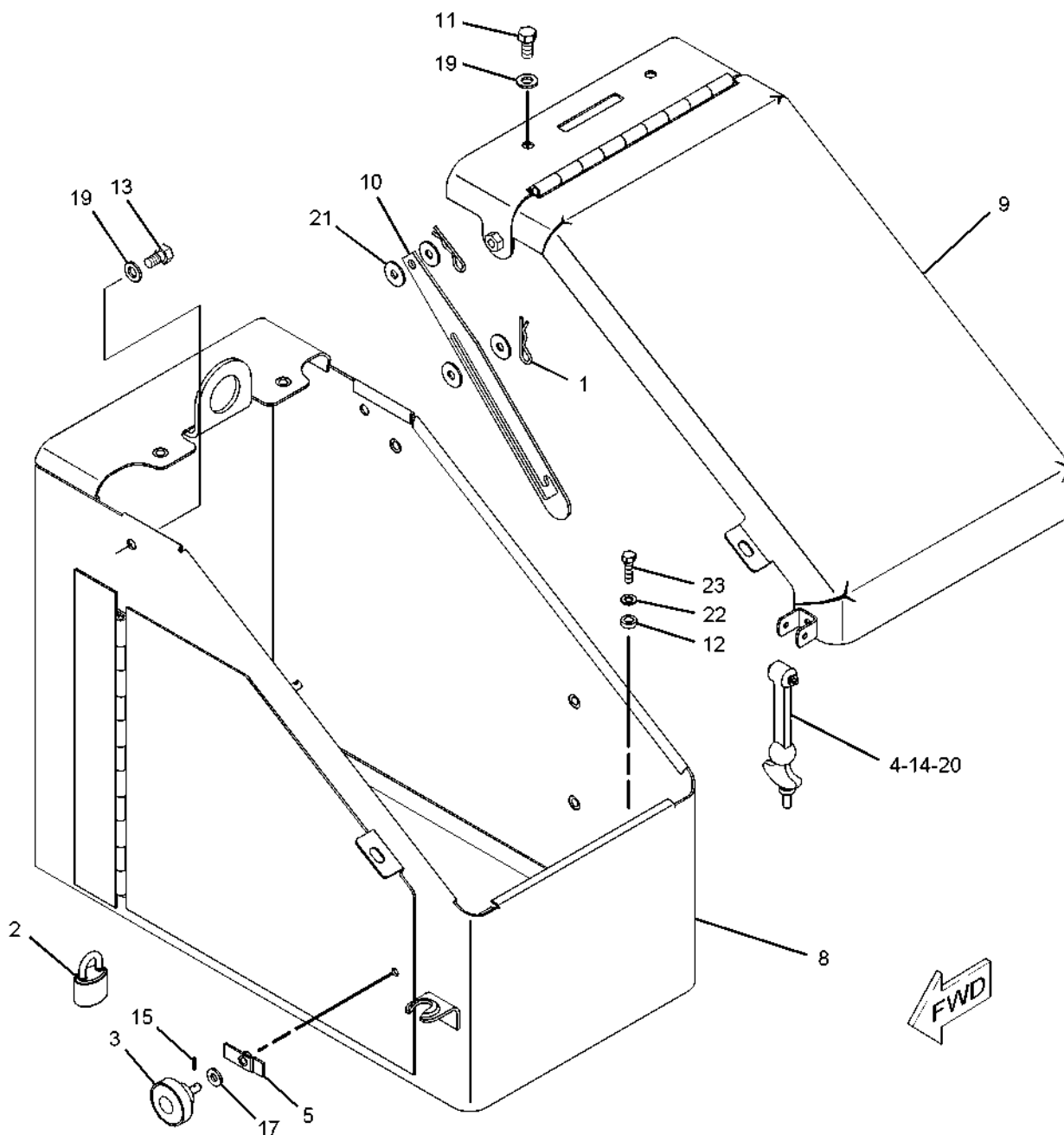
FRAME AND BODY

159-3793 ENCLOSURE GP - FENDER (contd.)

i01988796



FRONT VIEW



GRAPHIC #1

<END>

g01026873

FRAME AND BODY

237-0140 ENCLOSURE GP-FENDER-OIL RENEWAL SYSTEM

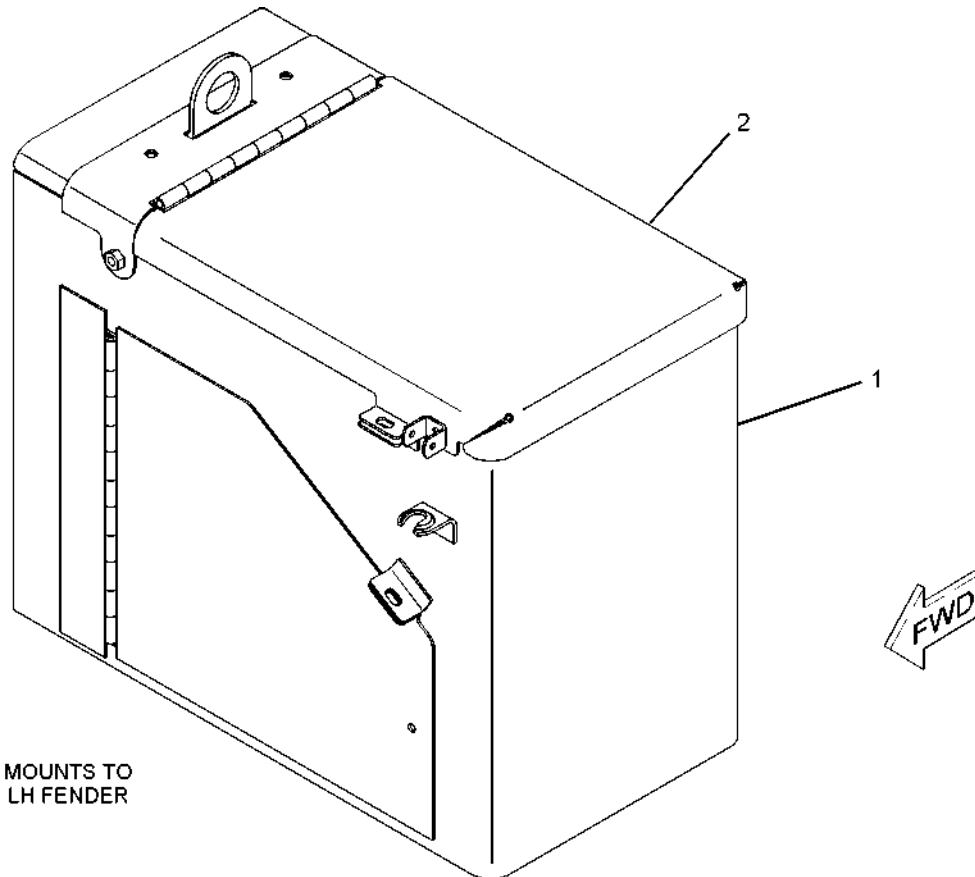
S/N: 7PZ754-UP

PART OF 237-0138 PLATFORM AR
AN ATTACHMENT

SMCS-7267

i01980462

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	239-6339	1	ENCLOSURE AS						
	2	1	239-6342	1	COVER AS						



MOUNTS TO
LH FENDER

GRAPHIC #1

<END>

g01027449

FRAME AND BODY

157-3513 FENDER GP

S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

TYPE 1

SMCS-7252

i01988797

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2G-6228	2	STRIP	
	2	2	3T-3564	1	DECK AS	
	3	2	3T-3569	1	DECK AS	
					(EACH DECK AS INCLUDES)	
	4	2	1F-0750	11	NUT-WELD (3/8-16THD)	
	5	1	5P-8502	2	PADLOCK GP (FENDER)	
					(EACH INCLUDES)	
		1	5P-8500	1	KEY	
		1	8Y-6364	1	SLEEVE	
	6	1	6T-0666	2	BAFFLE	
	7	2	6T-8595	2	PLATE AS	
					(EACH INCLUDES)	
	8	2	1F-0750	2	NUT-WELD (3/8-16THD)	
	9	2	7T-1099	1	LINK	
	10	2	1F-0748	2	NUT-WELD (1/2-13 THD)	
	11	1	9U-9289	1	PLATE AS	
	12	1	1F-0748	1	NUT-WELD (1/2-13 THD)	
	13	1	1F-0750	5	NUT-WELD (3/8-16THD)	
	14	1	4K-9097	4	NUT-WELD	
	15	1	7T-1099	3	LINK	
	16	1	141-1206	1	PLATE AS	
		1	8F-9836	2	BOSS-THREADED (3/8-16X.75 IN)	
	17	1	1F-0748	3	NUT-WELD (1/2-13 THD)	
	18	1	4K-9097	2	NUT-WELD	
	19	1	8P-2813	1	BOSS (3/8-16 THD)	
	20	1	9F-6445	2	NUT-WELD (1/4-24 THD)	
	21	1	162-8679	2	PLATE	
	22	1	169-4620	1	BEAM AS	
		1	1F-0748	13	NUT-WELD (1/2-13 THD)	
		1	1F-0750	1	NUT-WELD (3/8-16THD)	
		1	7T-1099	17	LINK	
	23	1	6Y-5812	2	BEARING-SLEEVE	
	24	2	2J-3118	8	BOLT-LOCKING (3/8-16X1.25 IN)	
	25	1	2M-0849	8	WASHER-HARD (13.5X25.5X5MM THK)	
	26	2	2M-5795	4	PIN-CLEVIS	
	27	2	3T-2977	2	PLATE	
	28	2	3T-3566	1	PLATE	
	29	2	3T-3571	1	PLATE	
	30	1	5M-3062	6	BOLT (3/8-16X0.75 IN)	
	31	1, 2	5P-1075	16	WASHER-HARD (10.2X22.5X3MM THK)	
	32	1	5P-1076	24	WASHER-HARD (13.5X30X4MM THK)	
	33	1	5P-2228	9	BOLT (1/2-13X1 IN)	
	34	2	5P-2566	4	BOLT (1/2-13X1.5 IN)	
	35	2	5V-1496	4	RETAINER	
	36	2	6J-0488	17	SCREW-BUTTON HEAD (3/8-16X0.875 IN)	
	37	2	6V-1193	40	SCREW-HEX SOCKET (3/8-16X.625 IN)	
	38	1	7X-0346	16	BOLT (5/8-11X2 IN)	
	39	1	7X-0369	24	BOLT (3/4-10X3.25 IN)	
	40	1	7X-0448	16	NUT (5/8-11 THD)	
	41	1	7X-0555	2	WASHER-HARD (20X65X5MM THK)	
	42	1	7X-0607	4	WASHER-HARD (20X55X8.0MM THK)	
	43	1	7X-0618	8	WASHER-HARD (13.5X40X5MM THK)	
	44	1	8C-3185	2	BOLT-12 POINT HEAD (3/4-10 X 7IN)	
	45	1	8T-4122	32	WASHER-HARD (17X32X3.5MM THK)	
	46	2	8T-4222	8	WASHER-PLATED (11X32X2.5MM THK)	

FRAME AND BODY

157-3513 FENDER GP (contd.)

i01988797

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	47	2	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)						
	48	1	8T-4896	6	WASHER-HARD (10.2X18.5X2.5MM THK)						
	49	1	8T-4994	26	WASHER-HARD (20X36.5X3.5MM THK)						
	50	1	8T-8917	23	BOLT (1/2-13X1.25 IN)						
	51	1	8T-9399	4	BOLT (3/4-10X2.25 IN)						
E	52	1	8C-7340		SEAL (163CM)						
	53	2	3W-3110	4	LOCK PIN						
	54	1	8E-5013	1	PLATE AS						
	55	2	9M-3835	4	LATCH-RUBBER						
	56	1	9N-4622	2	PIN						
	57	1	9U-9292	1	PLATE AS						
	58	1	1F-0748	1	NUT-WELD (1/2-13 THD)						
	59	1	1F-0750	3	NUT-WELD (3/8-16THD)						
	60	2	9W-0352	2	LINK						
	61	2	9W-6958	2	HANDHOLD (GRAB)						
	62	1	113-5898	1	PLATE AS						
	63	1	1F-0748	9	NUT-WELD (1/2-13 THD)						
	64	1	7T-1099	3	LINK						
	65	2	157-3514	1	FENDER AS-RH						
		2	5H-9394	2	BOSS (3/8-16X1.0 IN)						
		2	7J-7778	2	LUG (1/2-13 THD)						
		2	7K-2271	2	BOSS						
		2	8P-0612	2	BRACKET						
		2	8T-5912	4	NUT-WELD						
		2	1F-0750	1	NUT-WELD (3/8-16THD)						
		2	1F-0748	2	NUT-WELD (1/2-13 THD)						
	66	2	3P-5327	1	HINGE						
	67	1	8T-5911	3	NUT-WELD (1/2X13 THD)						
	68	2	7T-1099	14	LINK						
	69	2	157-3517	1	COVER AS						
	70	2	9M-3838	2	BRACKET						
	71	2	1F-0750	9	NUT-WELD (3/8-16THD)						
	72	2	157-3515	1	FENDER AS-LH						
		2	1F-0748	2	NUT-WELD (1/2-13 THD)						
		2	1F-0750	9	NUT-WELD (3/8-16THD)						
		2	8J-4916	2	BOSS (3/8-16 THD)						
		2	8P-0612	2	BRACKET						
		2	8T-5911	3	NUT-WELD (1/2X13 THD)						
	73	2	3P-5327	1	HINGE						
	74	2	7T-1099	19	LINK						
	75	2	8T-5912	13	NUT-WELD						
	76	2	157-3519	1	COVER AS						
	77	2	9M-3838	2	BRACKET						
	78	2	1F-0750	9	NUT-WELD (3/8-16THD)						
	79	2	157-3531	2	PLATE						
	80	2	157-3532	1	PLATE						
	81	1	1K-6870	2	LOCKNUT (3/4-10 THD)						
	82	1	189-2309	2	STEP						
	83	1	4L-9337	8	BOLT (3/8-16X1.5 IN)						

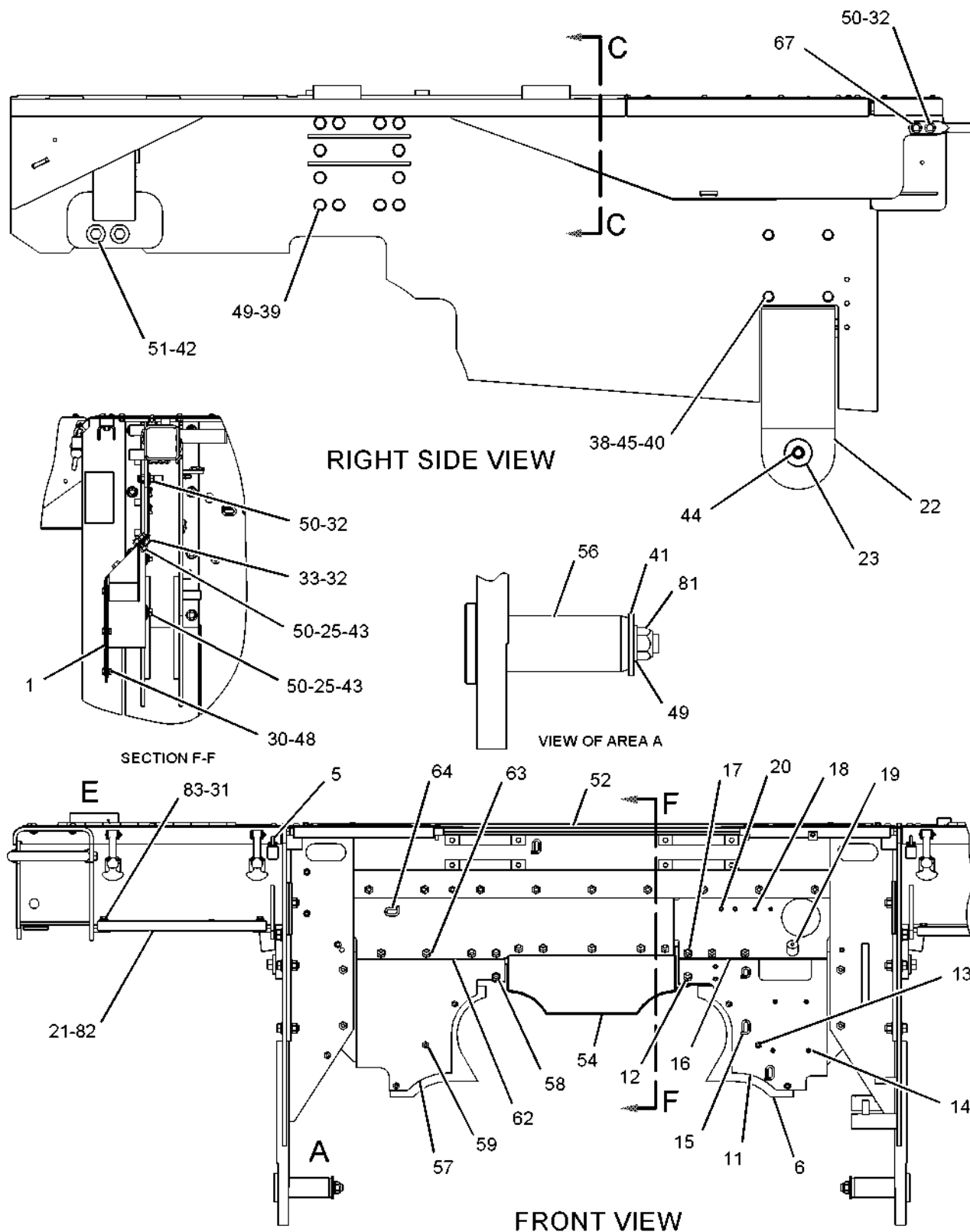
E-ORDER BY THE CENTIMETER

FRAME AND BODY

157-3513 FENDER GP (contd.)

i01988797

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



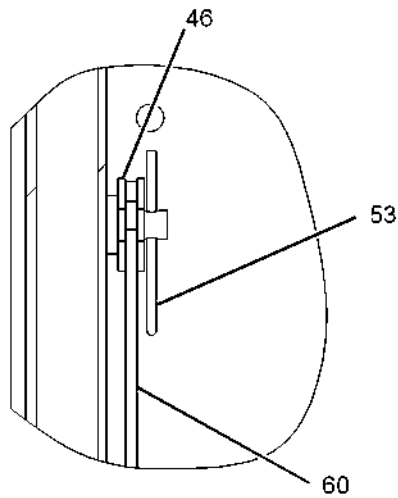
GRAPHIC #1

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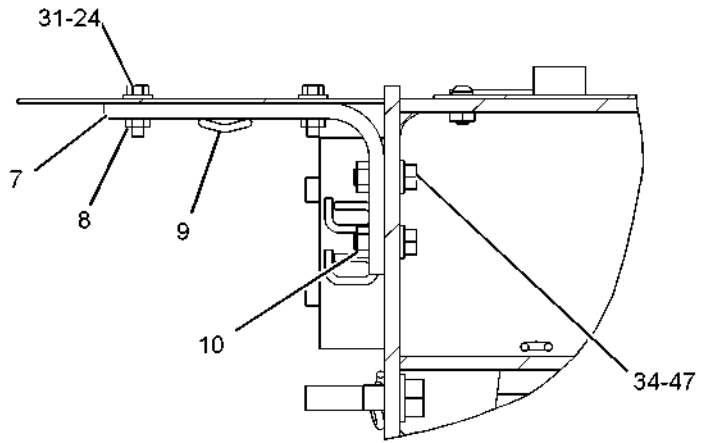
FRAME AND BODY

157-3513 FENDER GP (contd.)

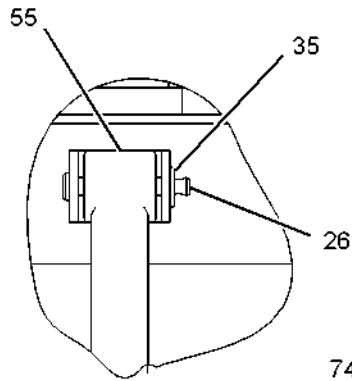
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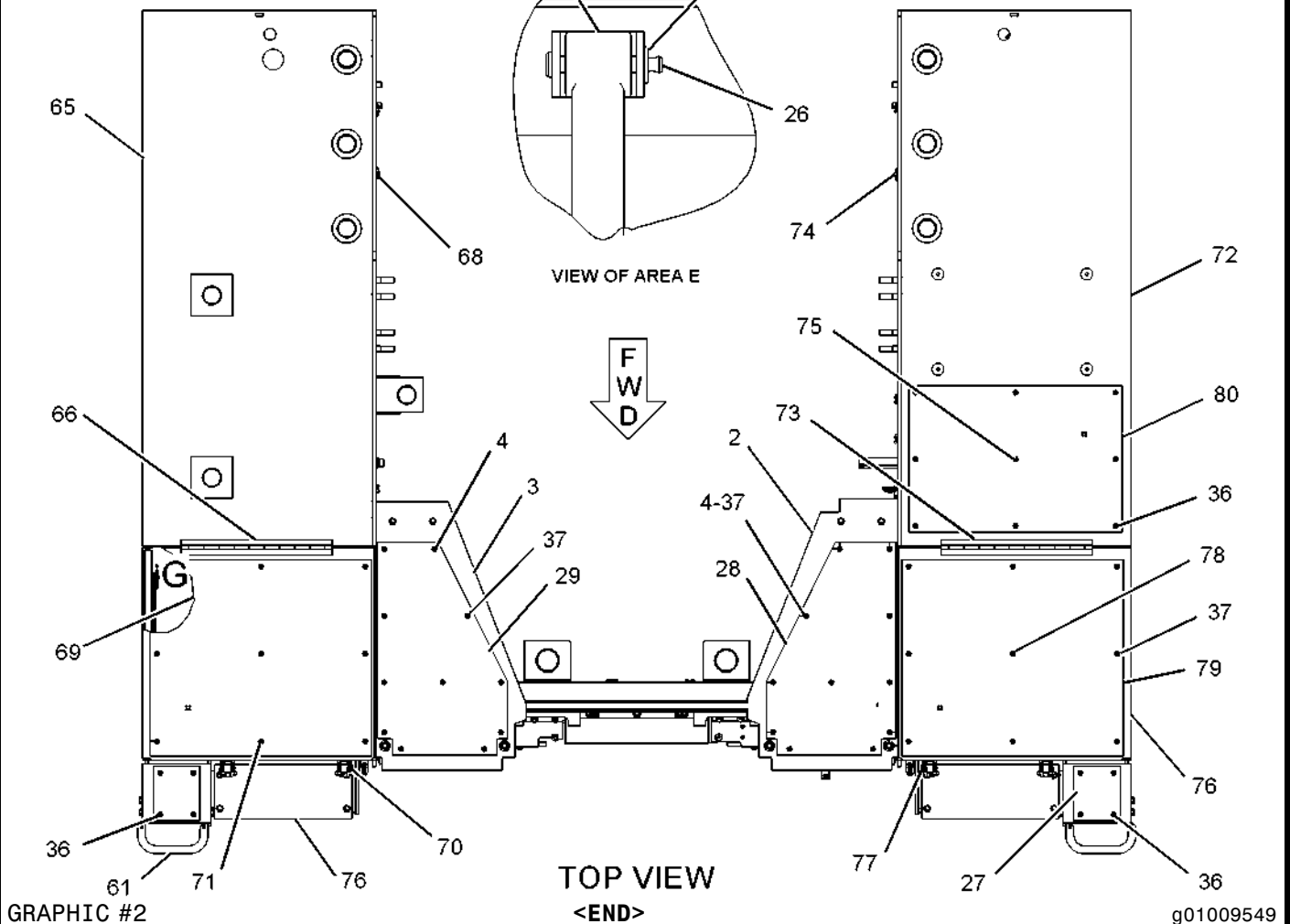
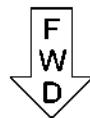
VIEW OF AREA G



SECTION C-C



VIEW OF AREA E



GRAPHIC #2

TOP VIEW
<END>

g01009549

FRAME AND BODY

157-3513 FENDER GP

S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR
TYPE 2

SMCS-7252

i02029596

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2G-6228	2	STRIP	
	2	1	3T-3564	1	DECK AS	
	3	1	3T-3569	1	DECK AS	
					(EACH DECK AS INCLUDES)	
		1	1F-0750	11	NUT-WELD (3/8-16-THD)	
	4	1	3W-3110	4	LOCK PIN	
	5	1	5P-8502	2	PADLOCK GP (FENDER)	
					(EACH INCLUDES)	
		1	5P-8500	1	KEY	
		1	8Y-6364	1	SLEEVE	
	6	1	6T-0666	2	BAFFLE	
	7	1	6T-8595	2	PLATE AS	
					(EACH INCLUDES)	
		1	1F-0750	2	NUT-WELD (3/8-16-THD)	
		1	7T-1099	1	LINK	
		1	1F-0748	2	NUT-WELD (1/2-13-THD)	
	8	1	8E-5013	1	PLATE AS	
	9	1	9M-3835	4	LATCH-RUBBER	
	10	1	9N-4622	2	PIN	
	11	1	9U-9289	1	PLATE AS	
		1	1F-0748	1	NUT-WELD (1/2-13-THD)	
		1	1F-0750	5	NUT-WELD (3/8-16-THD)	
		1	4K-9097	4	NUT-WELD (5/16-18-THD)	
		1	7T-1099	3	LINK	
	12	1	9U-9292	1	PLATE AS	
		1	1F-0748	1	NUT-WELD (1/2-13-THD)	
		1	1F-0750	3	NUT-WELD (3/8-16-THD)	
	13	1	9W-0352	2	LINK	
	14	1	9W-6958	2	HANDHOLD (GRAB)	
	15	1	113-5898	1	PLATE AS	
		1	1F-0748	9	NUT-WELD (1/2-13-THD)	
		1	7T-1099	3	LINK	
	16	1	141-1206	1	PLATE AS	
		1	8F-9836	2	BOSS-THREADED (3/8-16X.75-IN)	
		1	1F-0748	3	NUT-WELD (1/2-13-THD)	
		1	4K-9097	2	NUT-WELD (5/16-18-THD)	
		1	8P-2813	1	BOSS (3/8-16-THD)	
		1	9F-6445	2	NUT-WELD (1/4-24-THD)	
	17	1	162-8679	2	PLATE	
	18	1	169-4620	1	BEAM AS	
		1	1F-0748	13	NUT-WELD (1/2-13-THD)	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
		1	7T-1099	17	LINK	
		1	6Y-5812	2	BEARING-SLEEVE	
	19	1	189-2309	2	STEP	
Y	20	1	229-8204	1	FENDER GP (RH)	519
Y	21	1	229-8203	1	FENDER GP (LH)	518
	22	1	1K-6870	2	LOCKNUT (3/4-10-THD)	
	23	1	2J-3118	8	BOLT-LOCKING (3/8-16X1.25-IN)	
	24	1	2M-0849	8	WASHER-HARD (13.5X25.5X5-MM THK)	
	25	1	2M-5795	4	PIN-CLEVIS	
	26	1	3T-3566	1	PLATE	
	27	1	3T-3571	1	PLATE	
	28	1	4L-9337	8	BOLT (3/8-16X1.5-IN)	
	29	1	5M-3062	6	BOLT (3/8-16X0.75-IN)	

FRAME AND BODY

157-3513 FENDER GP (contd.)

i02029596

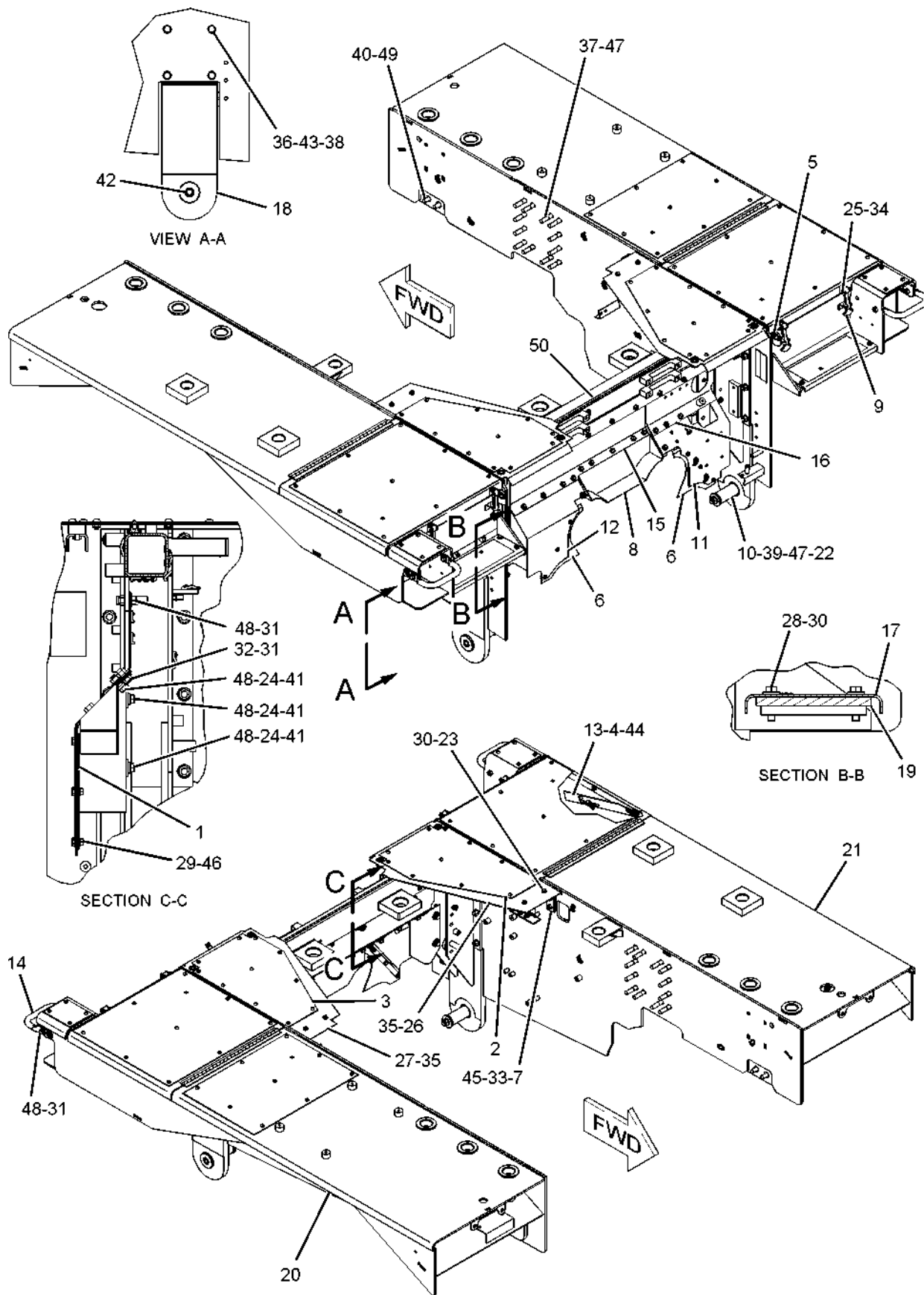
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	30	1	5P-1075	16	WASHER-HARD (10.2X22.5X3-MM THK)						
	31	1	5P-1076	24	WASHER-HARD (13.5X30X4-MM THK)						
	32	1	5P-2228	9	BOLT (1/2-13X1-IN)						
	33	1	5P-2566	4	BOLT (1/2-13X1.5-IN)						
	34	1	5V-1496	4	RETAINER						
	35	1	6V-1193	22	SCREW-HEX SOCKET (3/8-16X.625-IN)						
	36	1	7X-0346	16	BOLT (5/8-11X2-IN)						
	37	1	7X-0369	24	BOLT (3/4-10X3.25-IN)						
	38	1	7X-0448	16	NUT (5/8-11-THD)						
	39	1	7X-0555	2	WASHER-HARD (20X65X5-MM THK)						
	40	1	7X-0607	4	WASHER-HARD (20X55X8.0-MM THK)						
	41	1	7X-0618	8	WASHER-HARD (13.5X40X5-MM THK)						
	42	1	8C-3185	2	BOLT-12 POINT HEAD (3/4-10X7-IN)						
	43	1	8T-4122	32	WASHER-HARD (17X32X3.5-MM THK)						
	44	1	8T-4222	8	WASHER-PLATED (11X32X2.5-MM THK)						
	45	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	46	1	8T-4896	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	47	1	8T-4994	26	WASHER-HARD (20X36.5X3.5-MM THK)						
	48	1	8T-8917	23	BOLT (1/2-13X1.25-IN)						
	49	1	8T-9399	4	BOLT (3/4-10X2.25-IN)						
BE	50	1	8C-7340		SEAL						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

FRAME AND BODY

157-3513 FENDER GP (contd.)

i02029596



GRAPHIC #1

<END>

g01029971

FRAME AND BODY

229-8203 FENDER GP

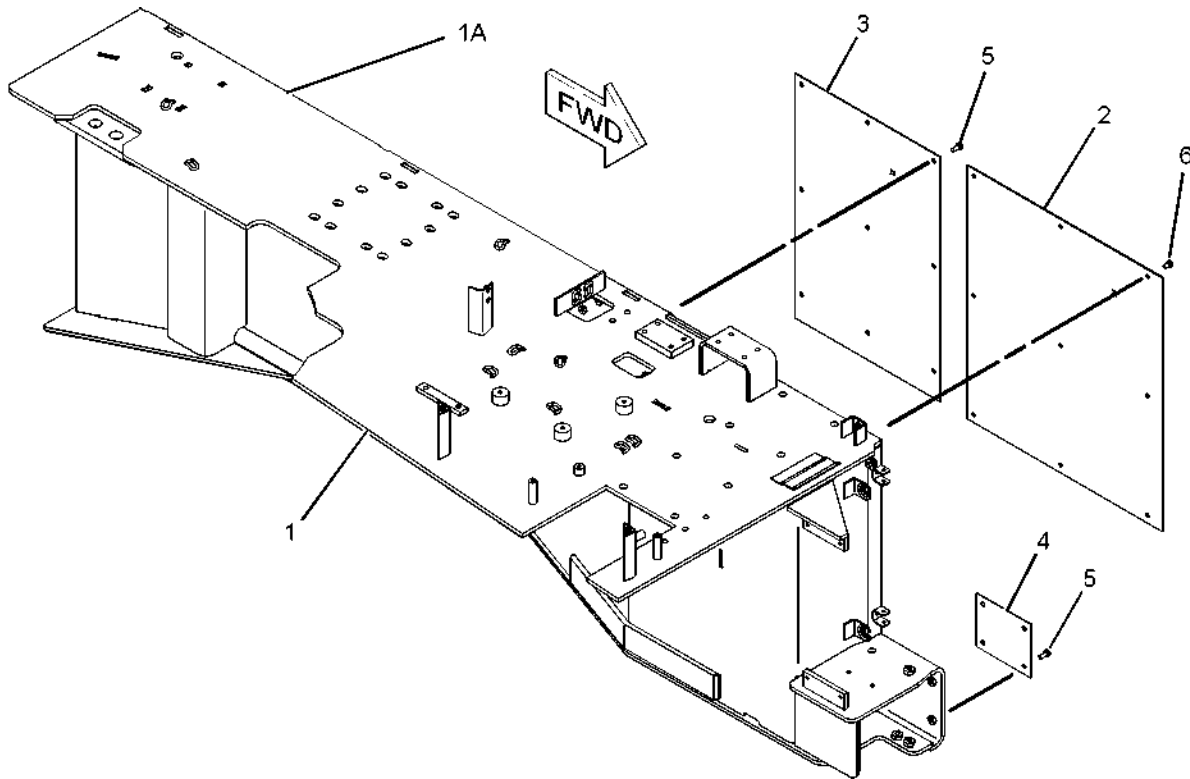
S/N: 7PZ1-UP

PART OF 157-3513 FENDER GP

SMCS-7252

i01964076

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	157-3515	1	FENDER AS-LH						
	1A	1	157-3519	1	COVER AS						
	2	1	157-3531	1	PLATE						
	3	1	157-3532	1	PLATE						
	4	1	3T-2977	1	PLATE						
	5	1	6J-0488	13	SCREW-BUTTON HEAD (3/8-16X0.875 IN)						
	6	1	6V-1193	9	SCREW-HEX SOCKET (3/8-16X.625 IN)						



GRAPHIC #1

<END>

g01026988

FRAME AND BODY

229-8204 FENDER GP

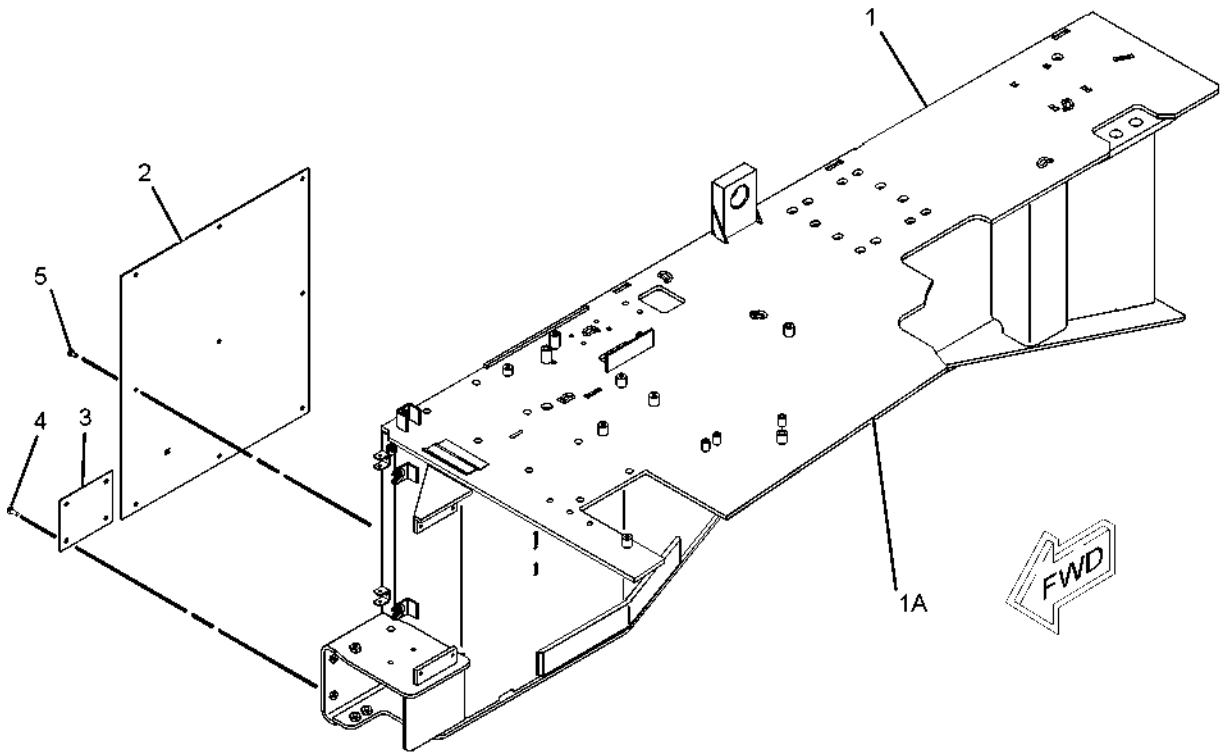
S/N: 7PZ1-UP

PART OF 157-3513 FENDER GP

SMCS-7252

i01964078

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	157-3514	1	FENDER AS-RH						
	1A	1	157-3517	1	COVER AS						
	2	1	157-3531	1	PLATE						
	3	1	3T-2977	1	PLATE						
	4	1	6J-0488	4	SCREW-BUTTON HEAD (3/8-16X0.875 IN)						
	5	1	6V-1193	9	SCREW-HEX SOCKET (3/8-16X.625 IN)						



GRAPHIC #1

<END>

g01026977

FRAME AND BODY

127-8051 GUARD GP-BOTTOM-FRAME

S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

SMCS-7153

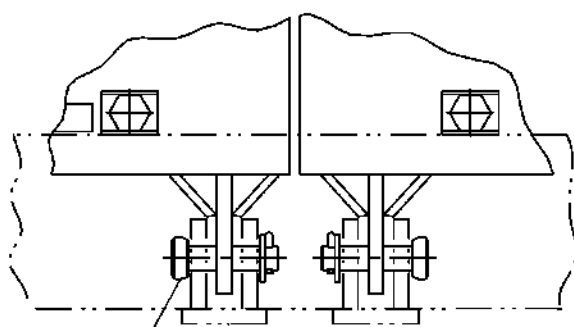
i01692399

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-5317	8	PIN-COTTER						
	2	1	3T-1177	1	GUARD AS						
		1	6V-8190	1	NUT (1-8 THD)						
		1	1F-0748	4	NUT-WELD (1/2-13 THD)						
	3	1	6P-8829	14	RETAINER						
	4	1	6T-5941	8	PIN-SECONDARY BAR						
	5	1	7G-6495	3	COVER						
	6	1	103-1517	1	GUARD AS						
		1	6V-8190	1	NUT (1-8 THD)						
		1	8T-5911	4	NUT-WELD (1/2-13 THD)						
		1	8T-5912	1	NUT-WELD (3/8-16 THD)						
	7	1	130-2545	1	GUARD AS						
		1	6V-8190	1	NUT (1-8 THD)						
		1	8T-5911	4	NUT-WELD (1/2-13 THD)						
		1	8T-5912	2	NUT-WELD (3/8-16 THD)						
	8	1	130-2547	1	GUARD AS						
		1	6V-8190	1	NUT (1-8 THD)						
		1	8T-5911	4	NUT-WELD (1/2-13 THD)						
	9	1	7X-0549	18	WASHER-HARD (28X52.5X8MM THK)						
	10	1	8T-5361	8	WASHER-HARD (28X49X5MM THK)						
	11	1	6V-8190	14	NUT (1-8 THD)						
	12	1	7X-0413	8	BOLT (1-8X7 IN)						
	13	1	7X-0415	6	BOLT (1-8X8 IN)						
	14	1	8T-8927	4	BOLT (1-8X3.75 IN)						
	15	1	9B-7237	3	BOLT (3/8-16X1.25 IN)						
B	16	1	7X-0419	2	BOLT (1-8X10 IN)						
B-USE AS REQUIRED											

FRAME AND BODY

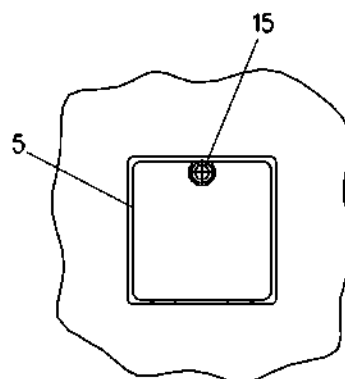
127-8051 GUARD GP - BOTTOM (contd.)

i01692399

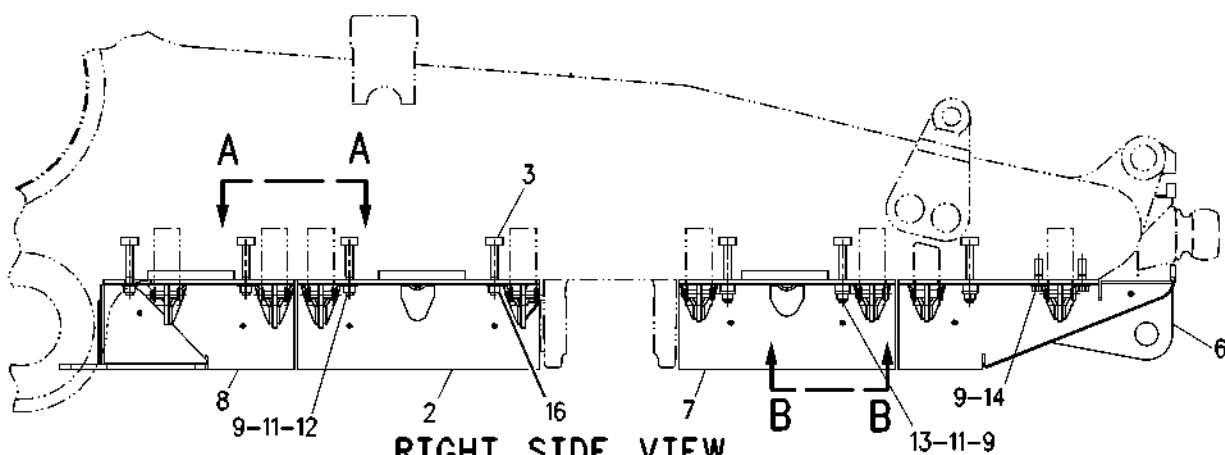


1-10-4

VIEW A-A



VIEW B-B



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g00760037

FRAME AND BODY

139-2003 GUARD GP - IDLER

S/N: 7PZ1-294

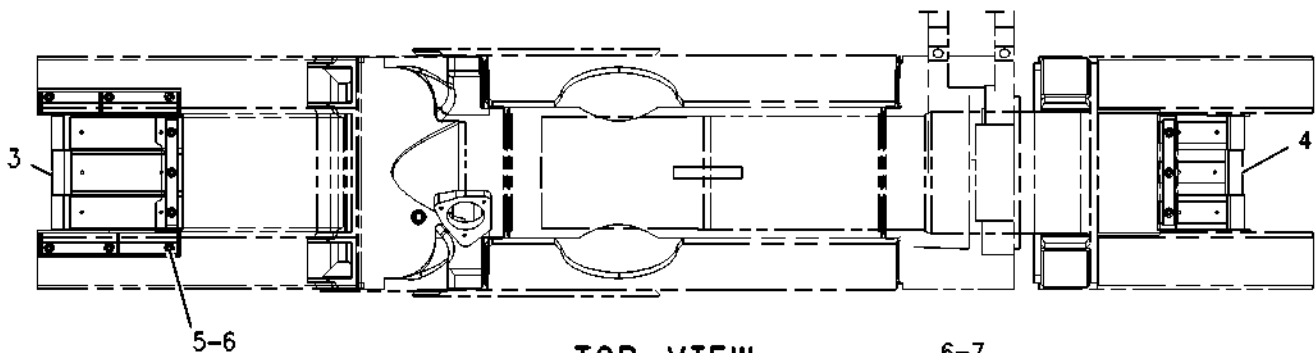
FOR USE WITH 175-6807-PAGE 594
AN ATTACHMENT

SMCS-4159

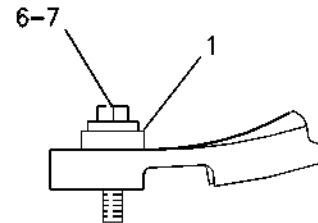
i01024465

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	139-2011	4	PLATE						
	2	1	139-2015	4	GUARD AS						
	3	1	139-2016	2	GUARD AS-REAR						
	4	1	139-2019	2	GUARD AS						
C	5	1	7X-0345	12	BOLT (5/8-11X1.75IN)						
C	6	1	8T-4122	24	WASHER (3.5MM THK)						
C	7	1	8T-6871	12	BOLT (5/8-11X2.50IN)						

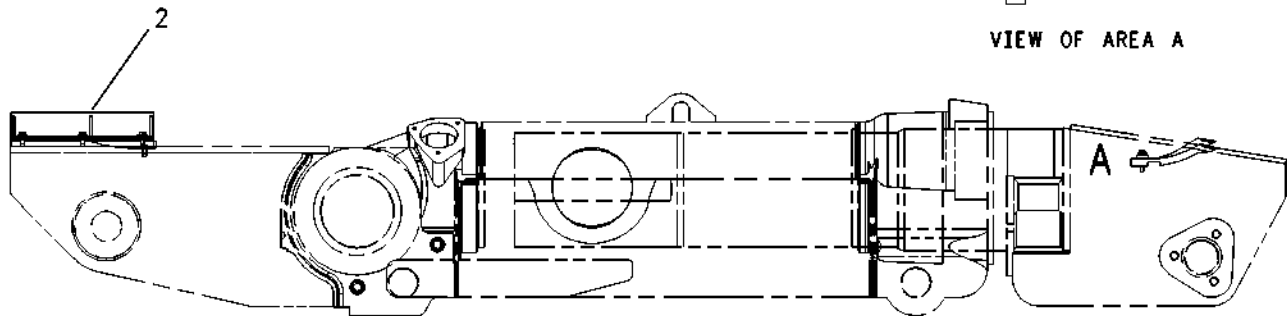
C- CHANGE FROM PREVIOUS TYPE



TOP VIEW



VIEW OF AREA A



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00524609

FRAME AND BODY

139-2003 GUARD GP - IDLER

S/N: 7PZ295-386

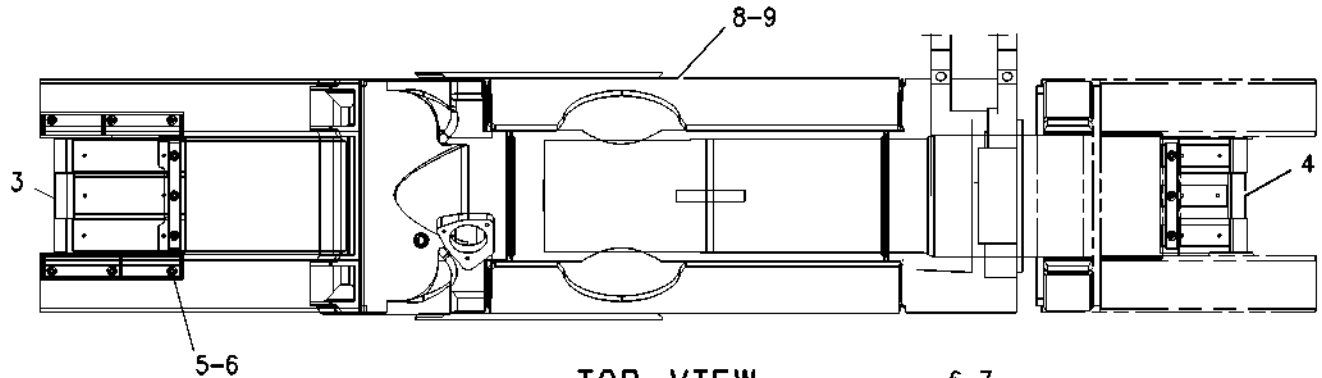
FOR USE WITH 175-6807-PAGE 594
AN ATTACHMENT

SMCS-4159

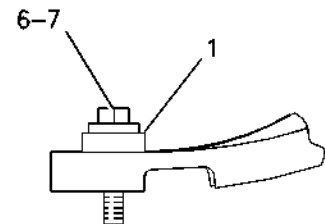
i01281881

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	139-2011	4	PLATE						
	2	1	139-2015	4	GUARD AS						
	3	1	139-2016	2	GUARD AS-REAR						
	4	1	139-2019	2	GUARD AS						
	5	1	7X-0345	12	BOLT (5/8-11X1.75 IN)						
	6	1	8T-4122	24	WASHER (3.5MM THK)						
	7	1	8T-6871	12	BOLT (5/8-11X2.50 IN)						
C	8	1	138-0576	1	FRAME AS-ROLLER (REAR) (RH)						
C	9	1	138-0577	1	FRAME AS-ROLLER (REAR) (LH)						

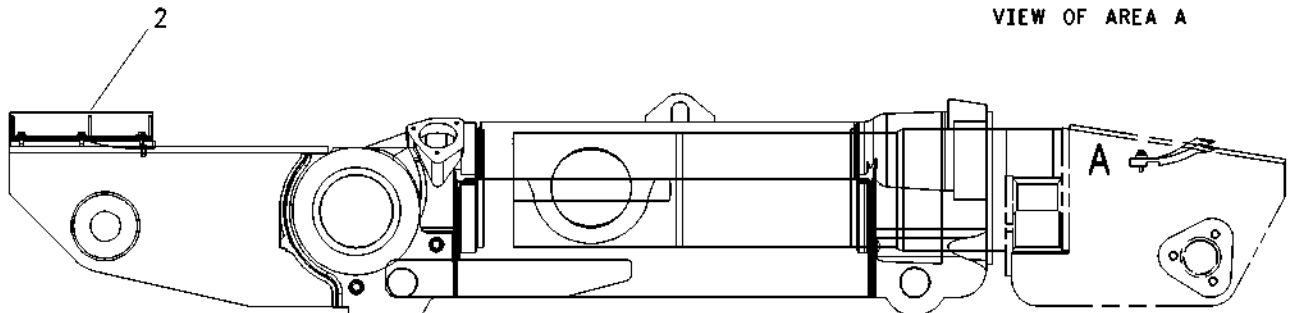
C-CHANGE FROM PREVIOUS TYPE



TOP VIEW



VIEW OF AREA A



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00690460

FRAME AND BODY

139-2003 GUARD GP- IDLER

S/N: 7PZ387-UP

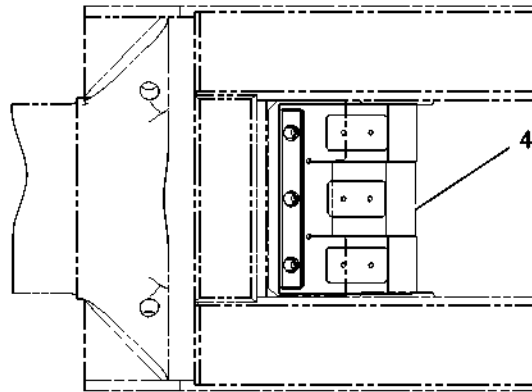
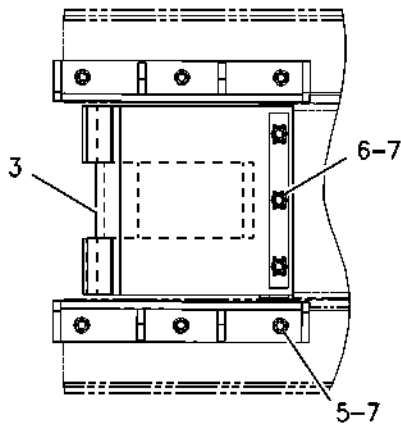
FOR USE WITH 175-6807-PAGE 594
AN ATTACHMENT

SMCS-4159

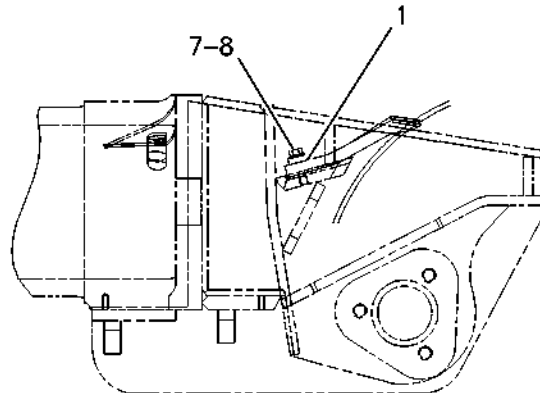
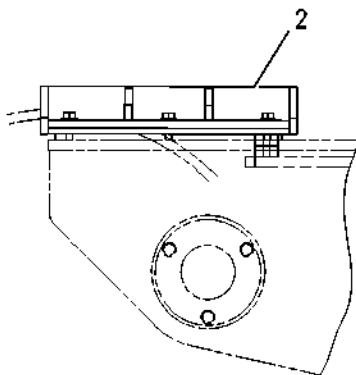
i01452437

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	139-2011	4	PLATE						
	2	1	139-2015	4	GUARD AS						
	3	1	139-2016	2	GUARD AS- REAR						
	4	1	139-2019	2	GUARD AS						
	5	1	7X-0345	12	BOLT (5/8-11X1.75 IN)						
C	6	1	7X-0350	6	BOLT (5/8-11X3.50 IN)						
	7	1	8T-4122	24	WASHER-HARD (17X32X3.5MM THK)						
C	8	1	8T-6871	6	BOLT (5/8-11X2.50 IN)						

C- CHANGE FROM PREVIOUS TYPE



TOP VIEW



FRONT VIEW

GRAPHIC #1

<END>

g00797655

FRAME AND BODY

157-1988 GUARD GP-RADIATOR

S/N: 7PZ1-614

PART OF 155-5552 CHASSIS AR

SMCS-7155

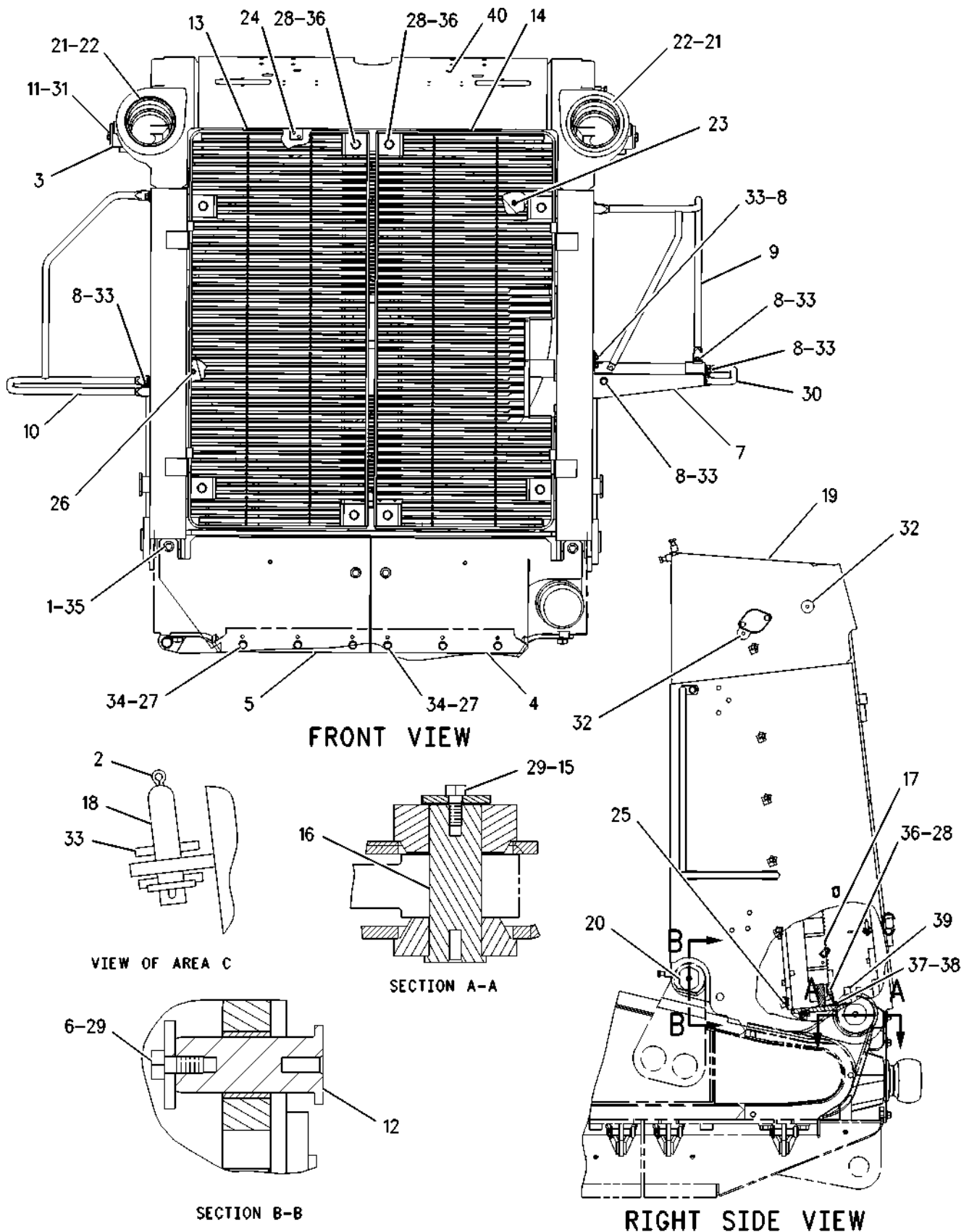
i01617576

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7P-1579	4	SPACER (28X40X19MM THK)	
	2	1	3B-4615	4	PIN-COTTER	
	3	1	4J-7083	2	GASKET	
	4	1	6T-0446	1	PLATE AS	
	5	1	6T-0449	1	PLATE AS	
	6	1	6T-6079	2	WASHER (20X100X12MM THK)	
	7	1	7G-3977	1	STEP AS	
		1	1F-0748	4	NUT-WELD (1/2-13 THD)	
	8	1	8T-8917	12	BOLT (1/2-13X1.25 IN)	
	9	1	7G-3979	1	HANDHOLD AS	
	10	1	7G-3980	1	HANDHOLD AS	
	11	1	7K-6413	2	FLANGE	
	12	1	127-9189	2	PIN	
	13	1	130-6822	1	DOOR AS-RH	
	14	1	130-6823	1	DOOR AS-LH	
	15	1	130-6827	2	PLATE	
	16	1	130-6828	2	PIN	
	17	1	163-5589	1	SUPPORT AS	
		1	1F-0750	4	NUT-WELD (3/8-16 THD)	
		1	8D-1807	4	STUD	
	18	1	157-0669	2	ROD AS	
					(EACH INCLUDES)	
		1	5P-1075	1	WASHER-HARD (10.2X22.5X3MM THK)	
	19	1	157-1989	1	GUARD AS	
		1	2H-8124	2	LUG	
		1	6D-0618	1	BAR	
		1	9D-9416	2	BLOCK	
	20	1	3P-6431	2	BEARING-SLEEVE (77.3MM OD)	
	21	1	9J-2606	2	BEARING (SLEEVE) (129MM WIDE)	
	22	1	9J-2607	2	BEARING (SLEEVE) (102MM WIDE)	
	23	1	8F-9836	25	BOSS-THREADED (3/8-16X.75 IN)	
	24	1	1F-0750	8	NUT-WELD (3/8-16 THD)	
	25	1	7T-1099	15	LINK	
	26	1	4D-9376	12	BOSS (3/8-16 THD)	
	27	1	7X-0515	6	WASHER-HARD (17X35X5MM THK)	
	28	1	8T-4994	12	WASHER-HARD (20X36.5X3.5MM THK)	
	29	1	8T-9398	4	BOLT (3/4-10X1.75 IN)	
	30	1	7G-3978	1	HANDHOLD	
	31	1	5C-6565	4	BOLT (1/2-13X1.125 IN)	
	32	1	5M-6214	4	PLUG-PIPE (1/2-27 THD)	
	33	1	5P-1076	16	WASHER-HARD (13.5X30X4MM THK)	
	34	1	7X-0343	6	BOLT (5/8-11X1.25 IN)	
	35	1	7X-0345	4	BOLT (5/8-11X1.75 IN)	
	36	1	7X-0366	12	BOLT (3/4-10X2 IN)	
	37	1	4L-6454	2	BOLT (3/8-16X1 IN)	
	38	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5MM THK)	
	39	1	183-6767	1	PLATE AS	
	40	1	8T-0232	2	PLUG	

FRAME AND BODY

157-1988 GUARD GP-RADIATOR (contd.)

i01617576



GRAPHIC #1

<END>

g00853222

FRAME AND BODY

157-1988 GUARD GP-RADIATOR

S/N: 7PZ615-UP

PART OF 155-5552 CHASSIS AR

SMCS-7155

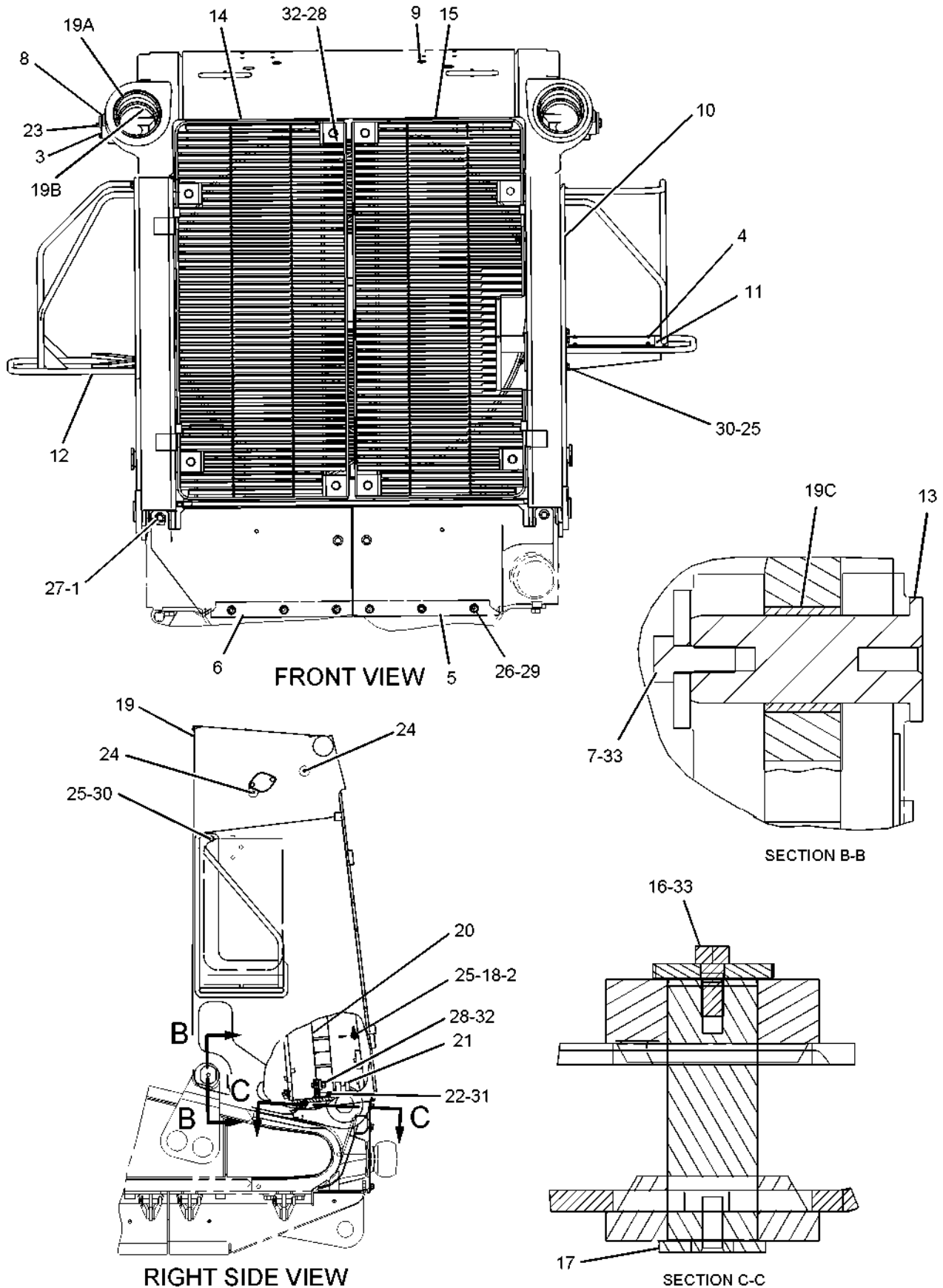
i01983167

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	7P-1579	4	SPACER (28X40X19MM THK)	
	2	1	3B-4615	4	PIN-COTTER	
	3	1	4J-7083	2	GASKET	
	4	1	6J-0488	4	SCREW-BUTTON HEAD (3/8-16X0.875 IN)	
	5	1	6T-0446	1	PLATE AS	
	6	1	6T-0449	1	PLATE AS	
	7	1	6T-6079	2	WASHER (20X100X12MM THK)	
	8	1	7K-6413	2	FLANGE	
	9	1	8T-0232	2	PLUG	
	10	1	110-5975	1	STEP AS	
	11	1	110-6030	1	PLATE	
	12	1	110-6031	12	HANDLE AS	
	13	1	127-9189	2	PIN	
	14	1	130-6822	1	DOOR AS	
	15	1	130-6823	1	DOOR AS	
	16	1	130-6827	2	PLATE	
	17	1	130-6828	2	PIN	
	18	1	157-0669	2	ROD AS	
					(EACH INCLUDES)	
		1	5P-1075	1	WASHER-HARD (10.2X22.5X3MM THK)	
	19	1	157-1989	1	GUARD AS	
	19A	1	9J-2606	2	BEARING (SLEEVE)	
	19B	1	9J-2607	2	BEARING (SLEEVE)	
	19C	1	3P-6431	2	BEARING-SLEEVE	
	20	1	163-5589	1	SUPPORT AS	
		1	1F-0750	4	NUT-WELD (3/8-16THD)	
		1	8D-1807	4	STUD	
	21	1	183-6767	1	PLATE AS	
	22	1	4L-6454	2	BOLT (3/8-16X1 IN)	
	23	1	5C-6565	4	BOLT (1/2-13X1.125 IN)	
	24	1	5M-6214	4	PLUG-PIPE	
	25	1	5P-1076	12	WASHER-HARD (13.5X30X4MM THK)	
	26	1	7X-0343	6	BOLT (5/8-11X1.25 IN)	
	27	1	7X-0345	4	BOLT (5/8-11X1.75 IN)	
	28	1	7X-0366	12	BOLT (3/4-10X2 IN)	
	29	1	7X-0515	6	WASHER-HARD (17X35X5MM THK)	
	30	1	8T-4835	8	BOLT (1/2-13X2 IN)	
	31	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5MM THK)	
	32	1	8T-4994	12	WASHER-HARD (20X36.5X3.5MM THK)	
	33	1	8T-9398	4	BOLT (3/4-10X1.75 IN)	

FRAME AND BODY

157-1988 GUARD GP-RADIATOR (contd.)

i01983167



GRAPHIC #1

<END>

g01027996

FRAME AND BODY

6I-8062 GUARD GP-ROCK-BLADE

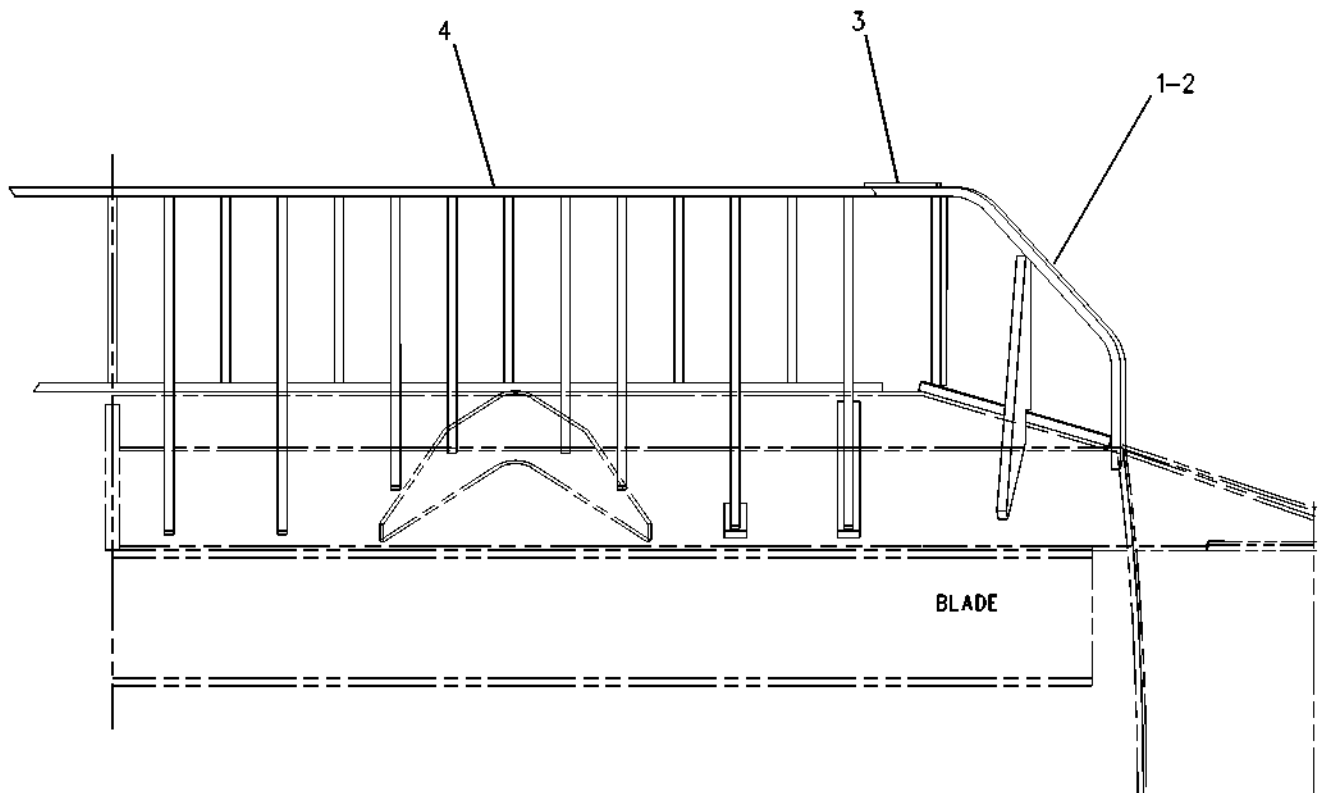
S/N: 8PP1-UP

PART OF 136-2750 BLADE AS-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-7182

i00796434

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-8067	1	GUARD AS-RH						
	2	1	6I-8071	1	GUARD AS-LH						
	3	1	9W-8845	2	PLATE						
	4	1	8E-9671	1	GUARD AS-CENTER						



REAR VIEW

GRAPHIC #1

<END>

g00376595

FRAME AND BODY

8E-9670 GUARD GP-ROCK-BLADE

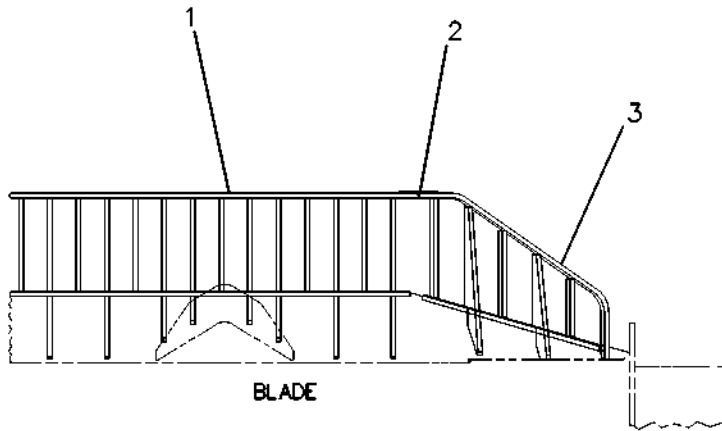
S/N: 8RP1-UP

PART OF 130-3432 BLADE AS-UNIVERSAL
AN ATTACHMENT

SMCS-7182

i00594686

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-9671	1	GUARD AS-CENTER						
	2	1	9W-8444	2	PLATE						
	3	1	8E-9678	1	GUARD AS-RH						
		1	8E-9686	1	GUARD AS-LH						



REAR VIEW

GRAPHIC #1

<END>

g00218414

FRAME AND BODY

132-3553 GUARD GP-TRANSMISSION

S/N: 7PZ1-UP

CANNOT BE USED WITH MACHINES OUTFITTED WITH REAR MOUNTED EQUIPMENT
AN ATTACHMENT

SMCS-7153

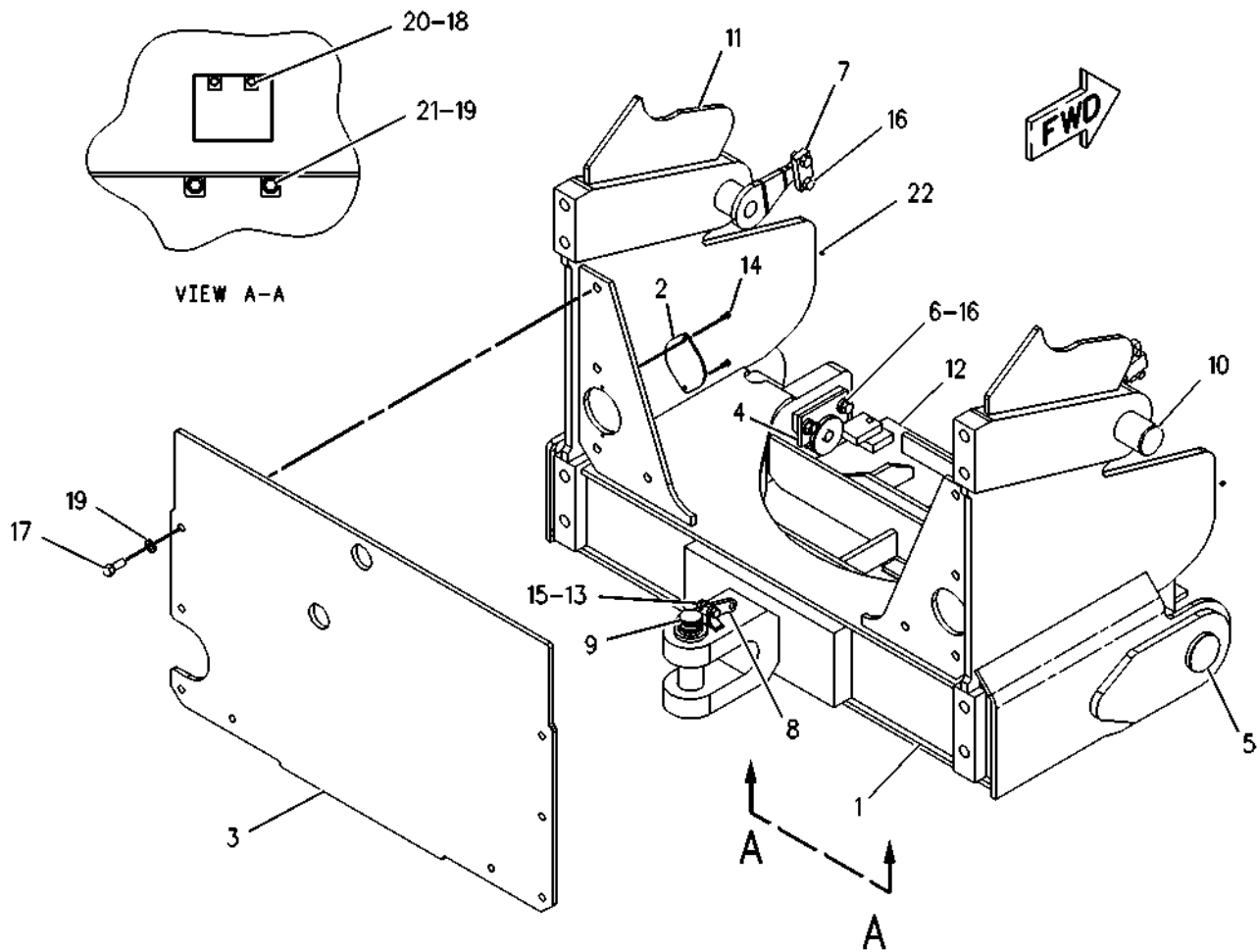
i00734026

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-9810	1	COVER AS						
	2	1	5V-8884	1	COVER						
	3	1	6T-0136	1	PLATE						
	4	1	6T-0139	2	PLATE						
	5	1	6T-0141	2	PIN						
	6	1	7M-2360	4	WASHER						
	7	1	7T-7305	2	PLATE						
	8	1	8E-9289	1	LATCH						
	9	1	9G-1935	1	PIN AS-DRAWBAR						
	10	1	9J-2290	2	PIN AS						
	11	1	132-3554	1	GUARD AS-TRANSMISSION						
		1	5H-8803	2	SUPPORT-PIN						
		1	8J-7236	8	NUT-WELD (3/4-10 THD)						
	12	1	132-3555	1	COVER AS						
	13	1	3K-2889	1	LOCKNUT (5/8-11 THD)						
	14	1	5M-3062	2	BOLT (3/8-16X.750IN)						
	15	1	7X-0347	1	BOLT (5/8-11X2.25IN)						
	16	1	7X-0365	8	BOLT (3/4-10X1.50IN)						
	17	1	7X-0366	8	BOLT (3/4-10X2IN)						
	18	1	8T-4223	2	WASHER-HARD (3MM THK)						
	19	1	8T-4994	14	WASHER (5MM THK)						
	20	1	8T-8919	2	BOLT (1/2-13X1.75IN)						
	21	1	8T-8924	6	BOLT (3/4-10X2.50IN)						
	22	1	9F-2247	2	PLUG-PIPE						

FRAME AND BODY

132-3553 GUARD GP-TRANSMISSION (contd.)

i00734026



GRAPHIC #1

<END>

g00273813

FRAME AND BODY

145-0900 GUARD GP-TRANSMISSION

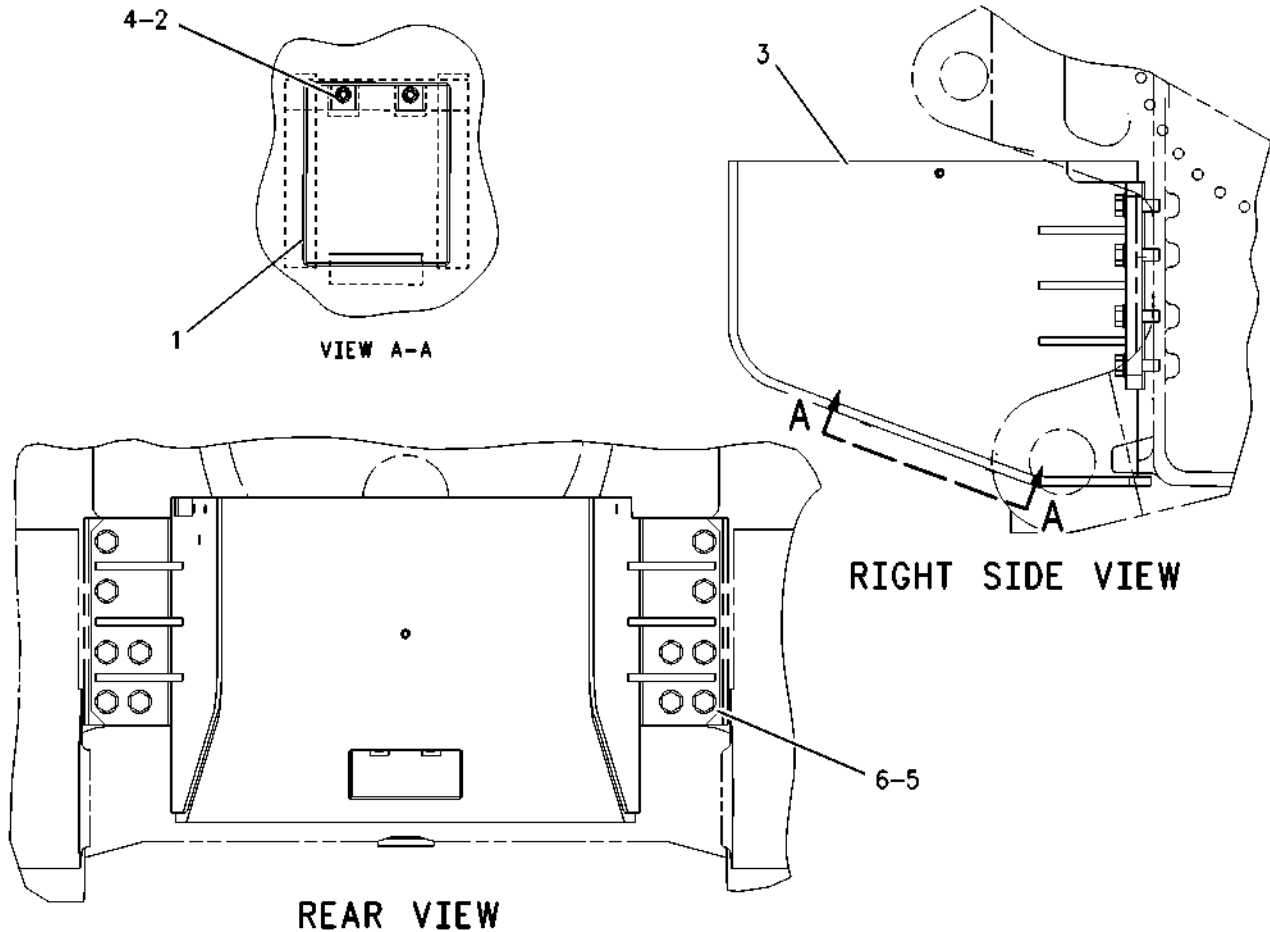
S/N: 7CP1-UP; 7DP1-UP; 7ZP1-UP; 7PZ1-UP
PART OF 127-1031, 130-6458, 161-2420 RIPPER AR
AN ATTACHMENT

SMCS-7153

i01423491

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
C	1	1	151-4004	1	COVER AS	
C	2	1	8T-8919	2	BOLT (1/2-13X1.75 IN)	
	3	1	144-8321	1	GUARD AS	
		1	1F-0748	5	NUT-WELD (1/2-13 THD)	
		1	9V-8427	1	BAR	
C	4	1	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)	
	5	1	8T-5361	12	WASHER-HARD (28X49X5MM THK)	
	6	1	7X-0406	12	BOLT (1-8X3 IN)	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00334587

FRAME AND BODY

147-4459 HOOD & GUARD GP

S/N: 7PZ1-387

PART OF 155-5552 CHASSIS AR

SMCS-7251

i01988818

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	132-6746	1	HOOD AS						
		1	2S-2110	2	BRACKET						
		1	7T-1099	5	LINK						
		1	9G-0558	4	STRIP						
2		1	7G-9913	1	DOOR						
		1	1K-8850	1	SPRING						
		1	4K-8501	2	CLIP						
		1	9B-2052	1	HINGE						
3		1	6Y-2387	1	PLATE AS						
		1	5M-9498	2	GUIDE						
		1	9P-9548	1	PIN (FRONT)						
		1	9P-9549	1	PIN (REAR)						
4		1	6Y-2385	1	PLATE AS						
		1	5M-9498	2	GUIDE						
		1	9P-9548	1	PIN (FRONT)						
		1	9P-9549	1	PIN (REAR)						
5		1	9W-7899	2	PLATE						
6		1	8T-4223	10	WASHER-HARD (13.5X25.5X3MM THK)						
7		1	6T-6941	1	COVER AS						
8		1	6T-6943	1	COVER AS						
9		1	5P-8502	2	PADLOCK GP (HOOD)						
					(EACH INCLUDES)						
		1	5P-8500	1	KEY						
		1	8Y-6364	1	SLEEVE						
10		1	5C-6565	4	BOLT (1/2-13X1.125 IN)						
11		1	2M-6096	2	HANDLE						
12		1	6T-6945	2	HINGE AS						
					(EACH INCLUDES)						
		1	1F-0750	3	NUT-WELD (3/8-16THD)						
13		1	5P-7705	8	PLUG-BUTTON						
14		1	8T-9393	12	BOLT (5/8-11X1.5 IN)						
15		1	8T-4122	26	WASHER-HARD (17X32X3.5MM THK)						
16		1	3T-2120	2	PLATE AS						
					(EACH INCLUDES)						
		1	1F-0748	3	NUT-WELD (1/2-13 THD)						
17		1	4V-1541	2	COLLAR						
18		1	6H-3956	2	PIN						
19		1	8C-4436	6	BOLT (1/2-13X1.375 IN)						
20		1	5C-6266	6	BOLT (5/8-11X1 IN)						
21		1	7X-0345	8	BOLT (5/8-11X1.75 IN)						
22		1	6B-0533	2	SPRING						
23		1	5S-7379	20	BOLT (3/8-16X0.875 IN)						
24		1	8T-4896	13	WASHER-HARD (10.2X18.5X2.5MM THK)						
25		1	7X-0370	2	BOLT (3/4-10X3.50 IN)						
26		1	8T-4994	2	WASHER-HARD (20X36.5X3.5MM THK)						
27		1	2G-0493	2	WASHER-RETAINING (20X82.55X11MM THK)						
28		1	173-4640	1	SUPPORT AS						
29		1	173-4641	1	SUPPORT AS						
					(EACH SUPPORT AS INCLUDES)						
		1	3T-6191	1	PAD						
		1	6S-9470	1	PLATE						
		1	6T-8426	1	PAD						
		1	033-9412	9	RIVET						
30		1	9M-3835	2	LATCH-RUBBER						
31		1	6V-9197	2	LOCK PIN						
32		1	2M-5795	2	PIN-CLEVIS						

FRAME AND BODY

147-4459 HOOD & GUARD GP (contd.)

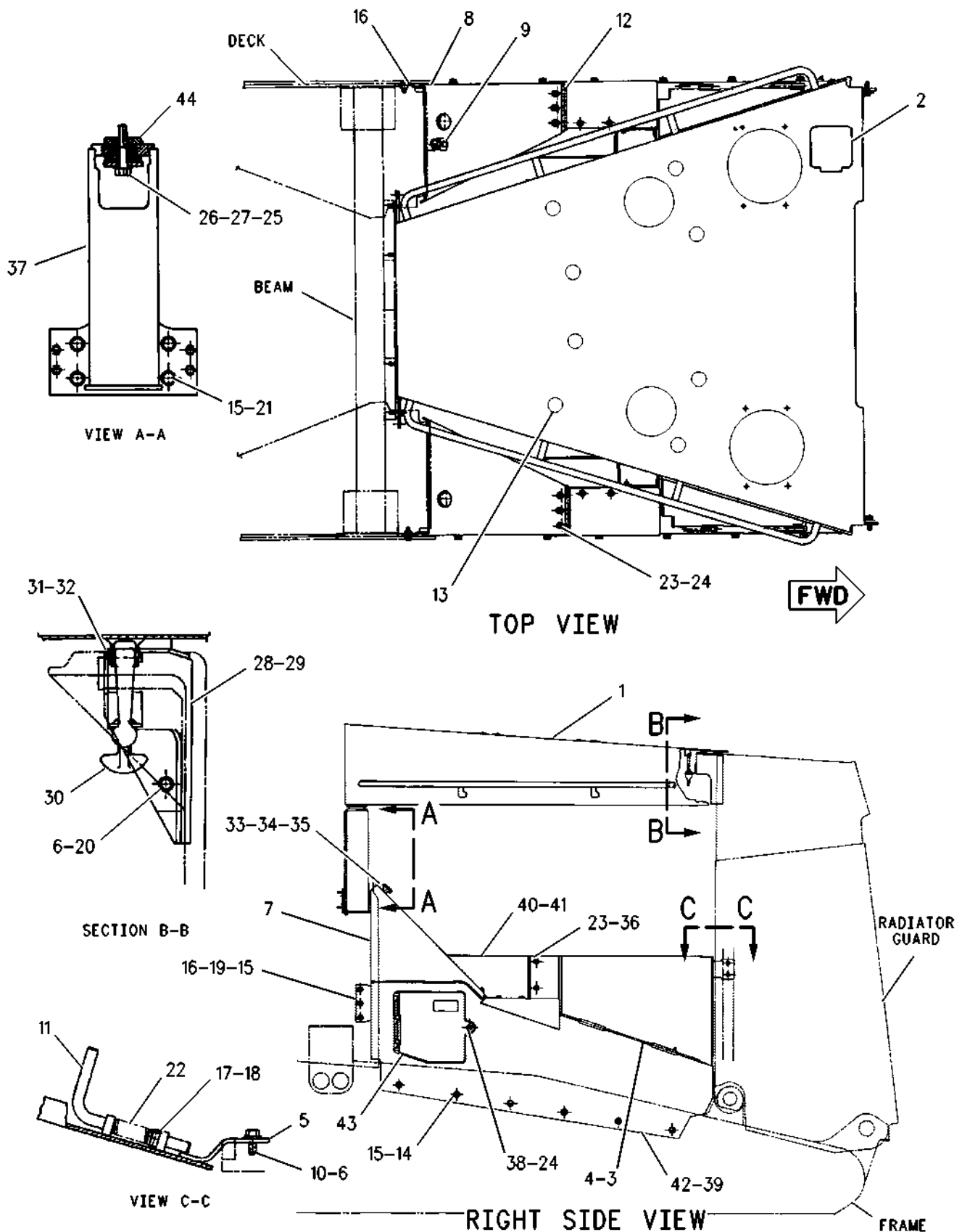
i01988818

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	33	1	4H-1641	2	PIN-SPRING						
	34	1	9S-8230	2	PLATE AS						
					(EACH INCLUDES)						
		1	1F-0750	1	NUT-WELD (3/8-16THD)						
	35	1	8E-7561	2	KNOB AS						
					(EACH INCLUDES)						
		1	7S-2042	1	STUD						
		1	8T-7566	1	PIN-SPRING						
	36	1	5P-1075	8	WASHER-HARD (10.2X22.5X3MM THK)						
	37	1	6Y-2389	2	SUPPORT AS						
					(EACH INCLUDES)						
		1	1F-0750	4	NUT-WELD (3/8-16THD)						
		1	8T-5911	4	NUT-WELD (1/2X13 THD)						
	38	1	8T-2502	1	BOLT (3/8-16X1.125 IN)						
	39	1	147-4460	1	PLATE AS						
		1	1F-0750	3	NUT-WELD (3/8-16THD)						
	40	1	6Y-2394	1	PLATE AS						
		1	1F-0750	4	NUT-WELD (3/8-16THD)						
	41	1	6Y-2392	1	PLATE AS						
		1	1F-0750	4	NUT-WELD (3/8-16THD)						
	42	1	147-4461	1	PLATE AS						
		1	1F-0750	4	NUT-WELD (3/8-16THD)						
		1	9P-9549	1	PIN (REAR)						
	43	1	110-2729	1	DOOR AS						
		1	2V-9923	2	SPACER (.50X.75X1.06IN THK)						
	44	1	6T-1698	4	MOUNTING						

FRAME AND BODY

147-4459 HOOD & GUARD GP (contd.)

i01988818



GRAPHIC #1

<END>

g00639530

FRAME AND BODY

195-9536 HOOD & GUARD GP

S/N: 7PZ388-UP

PART OF 155-5552 CHASSIS AR

SMCS-7251

i01988793

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	2G-0493	2	WASHER-RETAINING (20X82.55X11MM THK)	
	2	1	2M-6096	2	HANDLE	
	3	1	3T-2120	2	PLATE AS	
					(EACH INCLUDES)	
		1	1F-0748	3	NUT-WELD (1/2-13 THD)	
	4	1	4V-1541	2	COLLAR	
	5	1	5P-7705	8	PLUG-BUTTON	
	6	1	5P-8502	1	PADLOCK GP (HOOD)	
		1	5P-8500	1	KEY	
		1	8Y-6364	1	SLEEVE	
	7	1	6B-0533	2	SPRING	
	8	1	6T-1698	4	MOUNTING	
	9	1	6Y-2413	1	COVER AS	
		1	3T-9476	1	HINGE	
	10	1	6V-9197	2	LOCK PIN	
	11	1	6Y-2387	1	PLATE AS	
		1	5M-9498	2	GUIDE	
		1	9P-9548	1	PIN (FRONT)	
		1	9P-9549	1	PIN (REAR)	
	12	1	6Y-2389	2	SUPPORT AS	
					(EACH INCLUDES)	
		1	1F-0750	4	NUT-WELD (3/8-16THD)	
		1	8T-5911	4	NUT-WELD (1/2X13 THD)	
	13	1	6Y-2410	1	PLATE AS	
		1	1F-0748	2	NUT-WELD (1/2-13 THD)	
		1	1F-0750	4	NUT-WELD (3/8-16THD)	
	14	1	6Y-2412	1	PLATE AS	
		1	1F-0748	2	NUT-WELD (1/2-13 THD)	
		1	1F-0750	4	NUT-WELD (3/8-16THD)	
	15	1	8E-7561	2	KNOB AS	
					(EACH INCLUDES)	
		1	7S-2042	1	STUD	
		1	8T-7566	1	PIN-SPRING	
	16	1	9M-3835	2	LATCH-RUBBER	
	17	1	9S-8230	2	PLATE AS	
					(EACH INCLUDES)	
		1	1F-0750	1	NUT-WELD (3/8-16THD)	
	18	1	9W-7899	2	PLATE	
	19	1	8T-9393	12	BOLT (5/8-11X1.5 IN)	
	20	1	173-4640	1	SUPPORT AS	
		1	3T-6191	1	PAD (FIVE HOLES)	
		1	6S-9470	1	PLATE	
		1	6T-8426	1	PAD (FOUR HOLES)	
		1	033-9412	9	RIVET	
	21	1	173-4641	1	SUPPORT AS	
		1	3T-6191	1	PAD (FIVE HOLES)	
		1	6S-9470	1	PLATE	
		1	6T-8426	1	PAD (FOUR HOLES)	
		1	033-9412	9	RIVET	
	22	1	195-3024	1	PLATE AS	
	23	1	195-3026	1	PLATE AS	
		1	1F-0750	4	NUT-WELD (3/8-16THD)	
		1	9P-9549	2	PIN (REAR)	
		1	9W-5449	1	BAR	
		1	110-2727	1	PLATE	
		1	110-2729	1	DOOR AS	

FRAME AND BODY

195-9536 HOOD & GUARD GP (contd.)

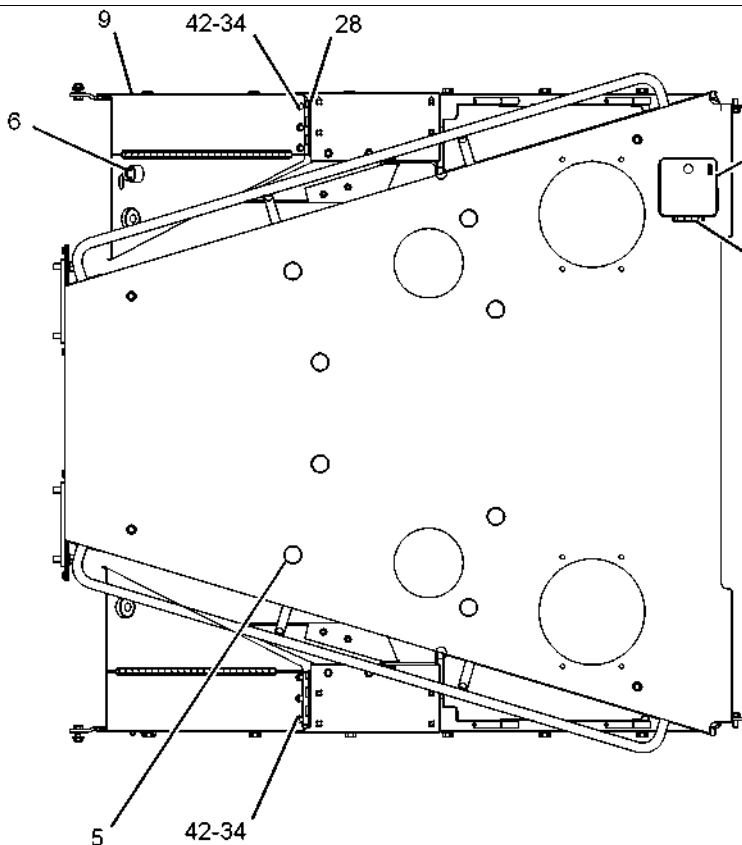
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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	2V-9923	2	SPACER (.50X.75X1.06IN THK)						
		1	9W-5449	1	BAR						
24		1	195-3028	1	PLATE AS						
25		1	195-3031	1	PLATE AS						
		1	1F-0750	3	NUT-WELD (3/8-16THD)						
		1	195-3015	1	STEP						
26		1	195-3496	1	PLATE AS						
		1	5M-9498	2	GUIDE						
		1	9P-9548	1	PIN (FRONT)						
		1	9P-9549	1	PIN (REAR)						
27		1	196-7594	1	COVER AS						
		1	196-7592	1	HINGE AS						
28		1	196-7601	2	HINGE AS						
					(EACH INCLUDES)						
		1	1F-0750	3	NUT-WELD (3/8-16THD)						
29		1	2M-5795	2	PIN-CLEVIS						
30		1	4H-1641	2	PIN-SPRING						
31		1	5C-6266	6	BOLT (5/8-11X1 IN)						
32		1	5C-6565	4	BOLT (1/2-13X1.125 IN)						
33		1	5P-1075	8	WASHER-HARD (10.2X22.5X3MM THK)						
34		1	5S-7379	20	BOLT (3/8-16X0.875 IN)						
35		1	6H-3956	2	PIN						
36		1	7X-0345	8	BOLT (5/8-11X1.75 IN)						
37		1	7X-0370	2	BOLT (3/4-10X3.50 IN)						
38		1	8C-4436	6	BOLT (1/2-13X1.375 IN)						
39		1	8T-2502	1	BOLT (3/8-16X1.125 IN)						
40		1	8T-4122	26	WASHER-HARD (17X32X3.5MM THK)						
41		1	8T-4223	10	WASHER-HARD (13.5X25.5X3MM THK)						
42		1	8T-4896	13	WASHER-HARD (10.2X18.5X2.5MM THK)						
43		1	8T-4994	2	WASHER-HARD (20X36.5X3.5MM THK)						
44		1	132-6746	1	HOOD AS						
44A		2	1K-8850	1	SPRING						
44B		2	2S-2110	2	BRACKET						
44C		2	2S-7593	4	WASHER-HARD (17X35X5MM THK)						
44D		2	9G-0641	4	SPACER						
44E		2	4K-8501	2	CLIP						
44F		1	7G-9913	1	DOOR						
44G		2	7T-1099	5	LINK						
44H		2	8J-7236	4	NUT-WELD						
44I		1	9B-2052	1	HINGE						
44J		2	9G-0558	4	STRIP						

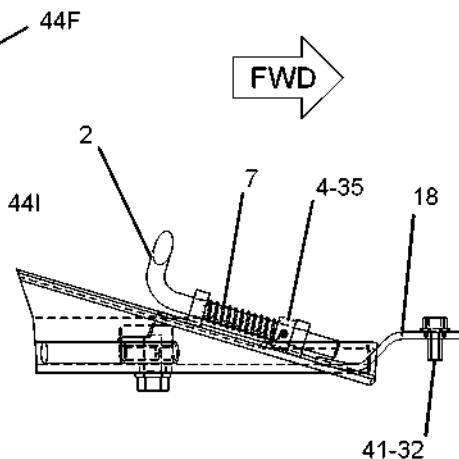
FRAME AND BODY

195-9536 HOOD & GUARD GP (contd.)

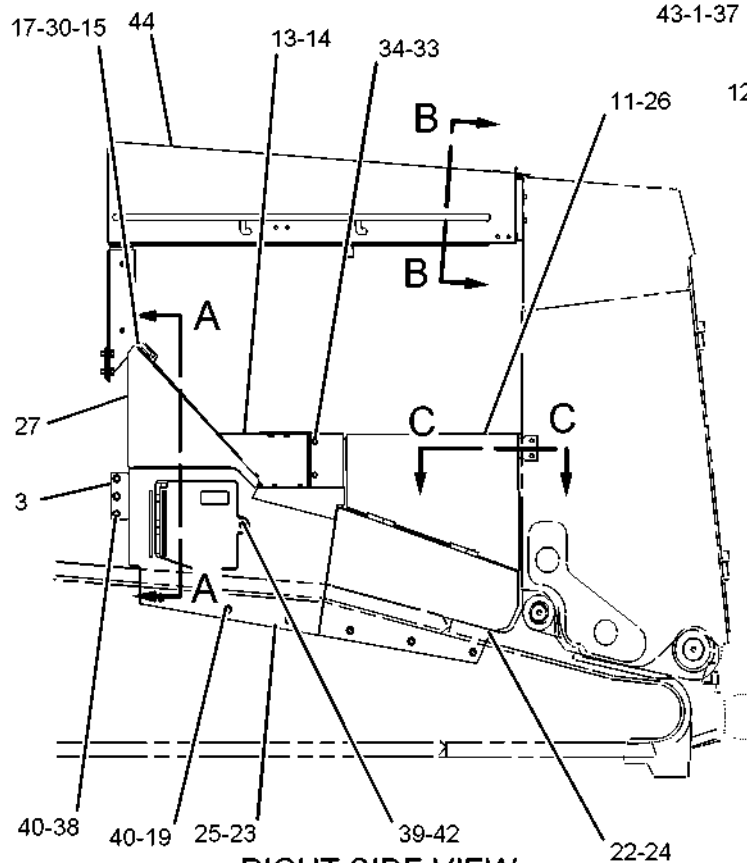
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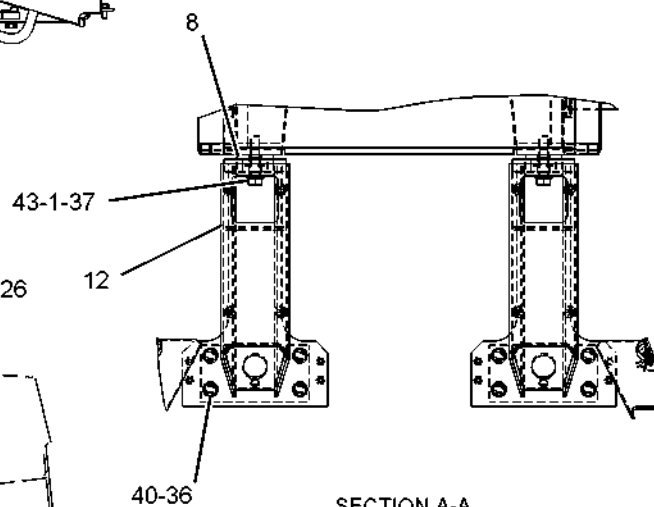
TOP VIEW



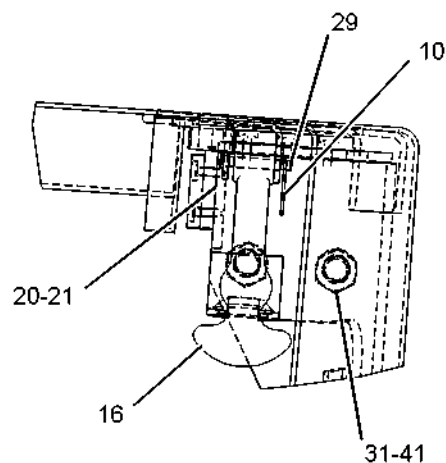
SECTION C-C



RIGHT SIDE VIEW



SECTION A-A



SECTION B-B

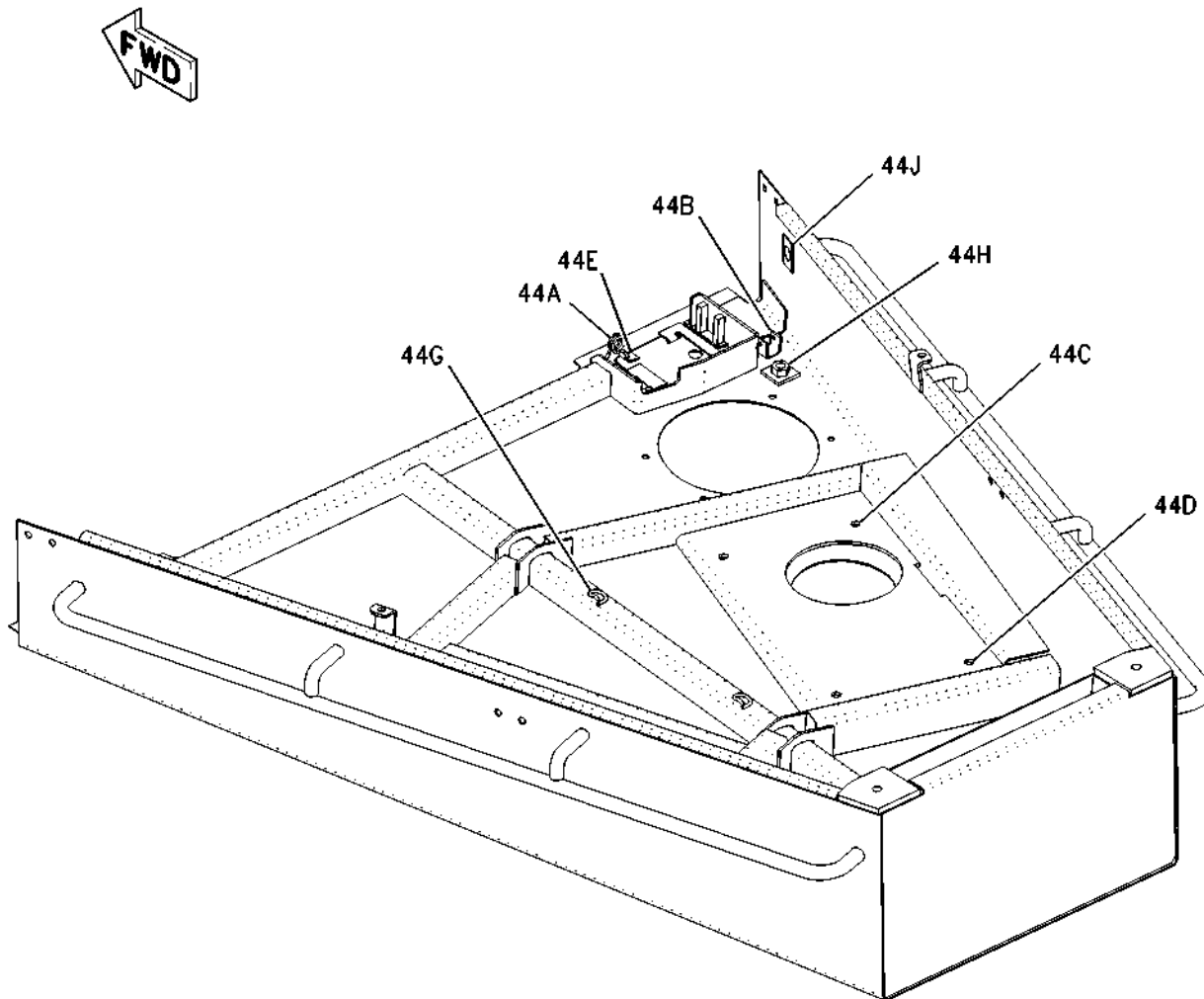
GRAPHIC #1

g01012386

FRAME AND BODY

195-9536 HOOD & GUARD GP (contd.)

i01988793



GRAPHIC #2

<END>

g00802604

FRAME AND BODY

236-5823 SEAL SET-TRACK

S/N: 7PZ1-UP
FIELD INSTALLATION

SMCS-7555

i02026163

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	236-5821	82	SEAL AS						
<END>									

MEMORANDA

UNDERCARRIAGE

141-7522 BAR GP-EQUALIZER

S/N: 7PZ1-563

PART OF 139-7697 UNDERCARRIAGE AR

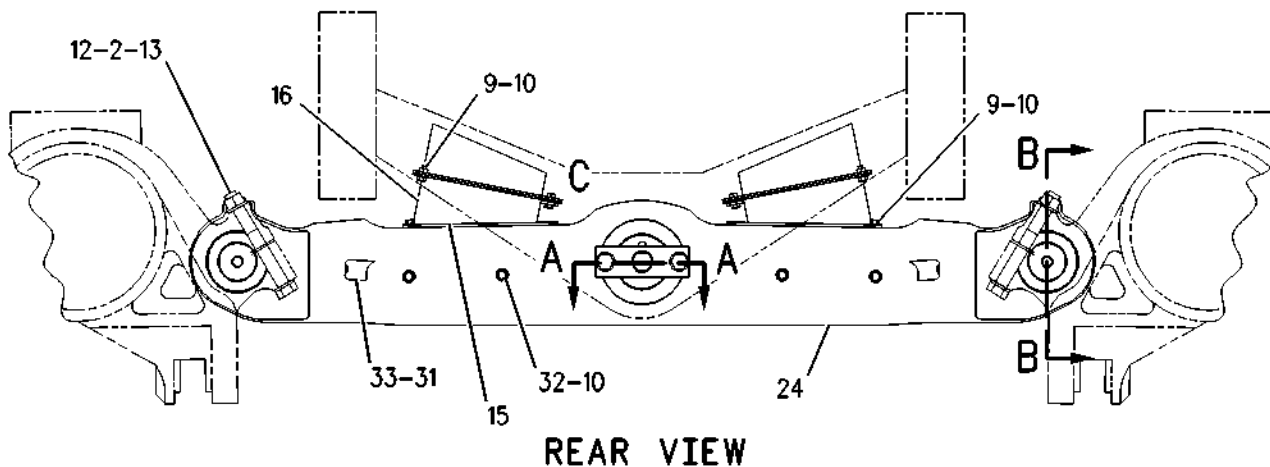
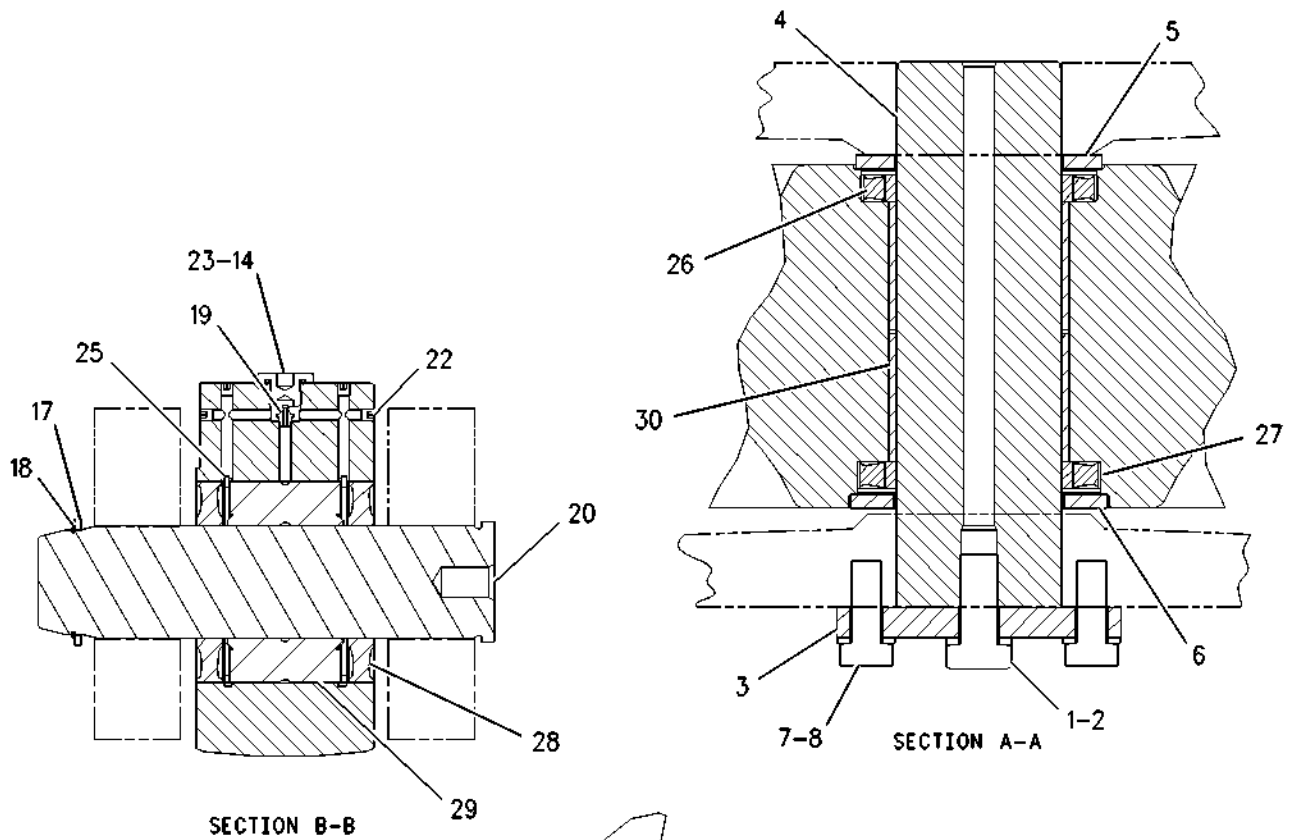
SMCS-7206

i01988800

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7F-6112	1	BOLT (1 1/4-12X3 IN)						
	2	1	7X-0533	9	WASHER-HARD (34X55X6MM THK)						
	3	1	9P-6911	1	PLATE						
	4	1	8P-8827	1	PIN						
	5	1	3T-7794	1	SPACER (143.3X208X12MM THK)						
	6	1	3T-7793	1	SPACER (143.8X216X12MM THK)						
	7	1	2H-3745	2	BOLT (1-14X2.75 IN)						
	8	1	8T-5361	2	WASHER-HARD (28X49X5MM THK)						
	9	1	5C-6565	12	BOLT (1/2-13X1.125 IN)						
	10	1	8T-4223	12	WASHER-HARD (13.5X25.5X3MM THK)						
	11	1	3J-4278	4	SPACER (13.5X22.2X6.5)						
	12	1	1K-9415	4	BOLT (1 1/8-7X11 IN)						
	13	1	3K-9770	4	NUT-FULL (1 1/4X7 THD)						
	14	1	5F-1678	2	SEAL-O-RING						
	15	1	9W-7800	2	PAD AS						
	16	1	9W-7599	2	PAD AS						
					(EACH PAD AS INCLUDES)						
		1	1F-0748	4	NUT-WELD (1/2-13 THD)						
	17	1	131-1574	2	SPACER (83.5X100X5MM THK)						
	18	1	5P-5296	2	RING-RETAINING						
	19	1	3B-8489	2	FITTING-GREASE						
	20	1	3T-7792	2	PIN						
	21	1	7X-0590	4	WASHER-HARD (13.5X44.5X6MM THK)						
	22	1	2F-5326	8	SETSCREW (3/8-16X.37 IN)						
	23	1	133-5631	2	PLUG						
	24	1	143-3332	1	BAR AS-EQUALIZER						
	25	1	5P-7151	4	RING-RETAINING						
	26	1	8P-8796	1	SEAL AS						
	27	1	8P-8797	1	SEAL AS						
	28	1	194-8128	4	SEAL-AS						
	29	1	159-9311	2	BEARING						
	30	1	129-4487	2	BEARING-SLEEVE						
	31	1	3J-7354	2	SEAL-O-RING						
	32	1	7X-0323	4	BOLT						
	33	1	9S-8002	2	PLUG						

141-7522 BAR GP-EQUALIZER (contd.)

i01988800



GRAPHIC #1

<END>

g00843826

UNDERCARRIAGE

141-7522 BAR GP-EQUALIZER

S/N: 7PZ564-700

PART OF 139-7697 UNDERCARRIAGE AR

SMCS-7206

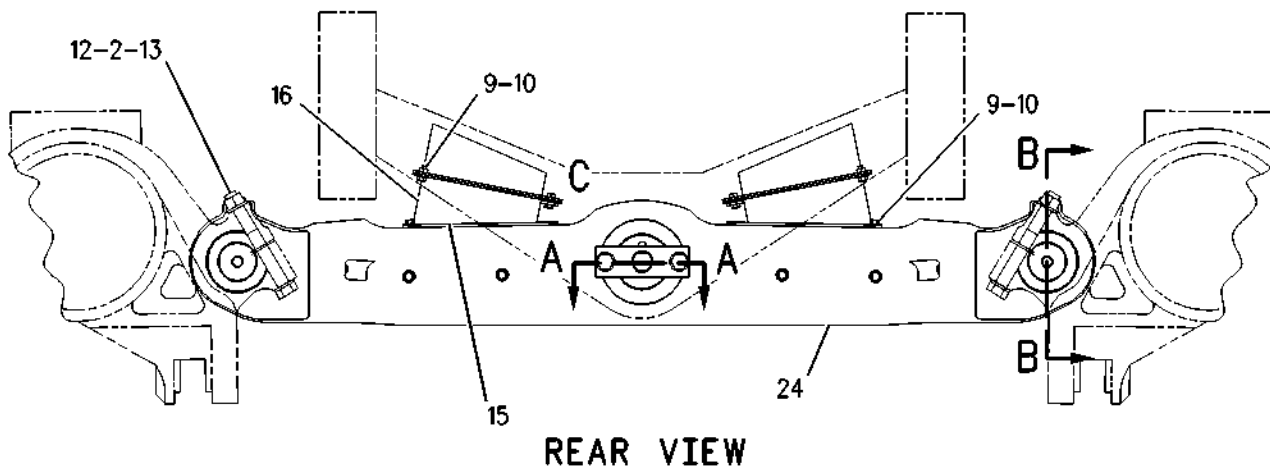
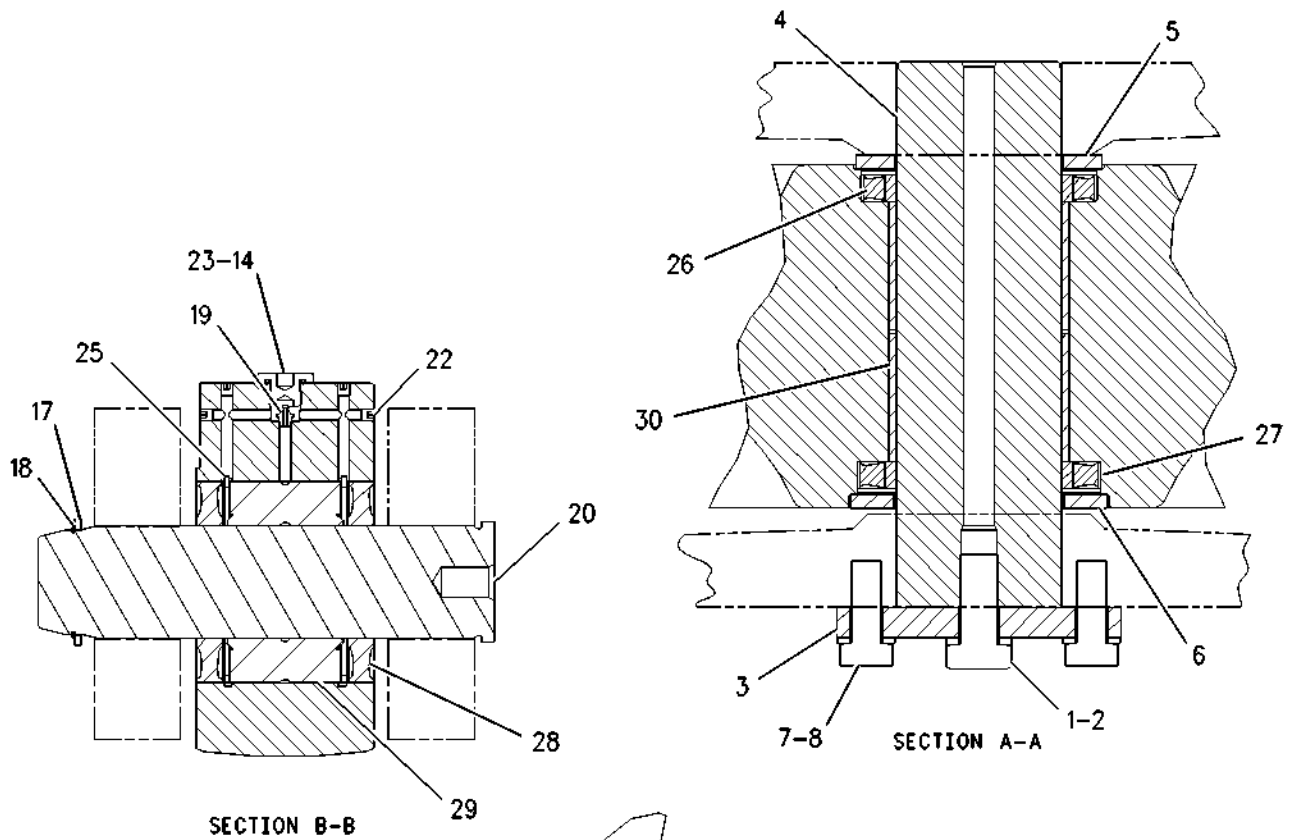
i01697791

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7F-6112	1	BOLT (1 1/4-12X3 IN)						
	2	1	7X-0533	9	WASHER-HARD (34X55X6MM THK)						
	3	1	209-3186	1	MANIFOLD						
	4	1	8P-8827	1	PIN						
	5	1	3T-7794	1	SPACER (143.3X208X12MM THK)						
	6	1	3T-7793	1	SPACER (143.8X216X12MM THK)						
	7	1	2H-3745	2	BOLT (1-14X2.75 IN)						
	8	1	8T-5361	2	WASHER-HARD (28X49X5MM THK)						
	9	1	5C-6565	12	BOLT (1/2-13X1.125 IN)						
	10	1	8T-4223	8	WASHER-HARD (13.5X25.5X3MM THK)						
	11	1	3J-4278	4	SPACER (13.5X22.2X6.5)						
	12	1	1K-9415	4	BOLT (1 1/8-7X11 IN)						
	13	1	3K-9770	4	NUT-FULL (1 1/4X7 THD)						
	14	1	5F-1678	2	SEAL-O-RING						
	15	1	9W-7800	2	PAD AS						
	16	1	9W-7599	2	PAD AS						
					(EACH PAD AS INCLUDES)						
		1	1F-0748	4	NUT-WELD (1/2-13 THD)						
	17	1	131-1574	2	SPACER (83.5X100X5MM THK)						
	18	1	5P-5296	2	RING-RETAINING						
	19	1	3B-8489	2	FITTING-GREASE						
	20	1	3T-7792	2	PIN						
	21	1	7X-0590	4	WASHER-HARD (13.5X44.5X6MM THK)						
	22	1	2F-5326	8	SETSCREW (3/8-16X.37 IN)						
	23	1	133-5631	2	PLUG						
	24	1	143-3332	1	BAR AS-EQUALIZER						
	25	1	5P-7151	4	RING-RETAINING						
	26	1	8P-8796	1	SEAL AS						
	27	1	8P-8797	1	SEAL AS						
	28	1	194-8128	4	SEAL-AS						
	29	1	159-9311	2	BEARING						
	30	1	129-4487	2	BEARING-SLEEVE						

UNDERCARRIAGE

141-7522 BAR GP-EQUALIZER (contd.)

i01697791



GRAPHIC #1

<END>

g00876374

UNDERCARRIAGE

141-7522 BAR GP-EQUALIZER

S/N: 7PZ701-UP

PART OF 139-7697 UNDERCARRIAGE AR

SMCS-7206

i01962165

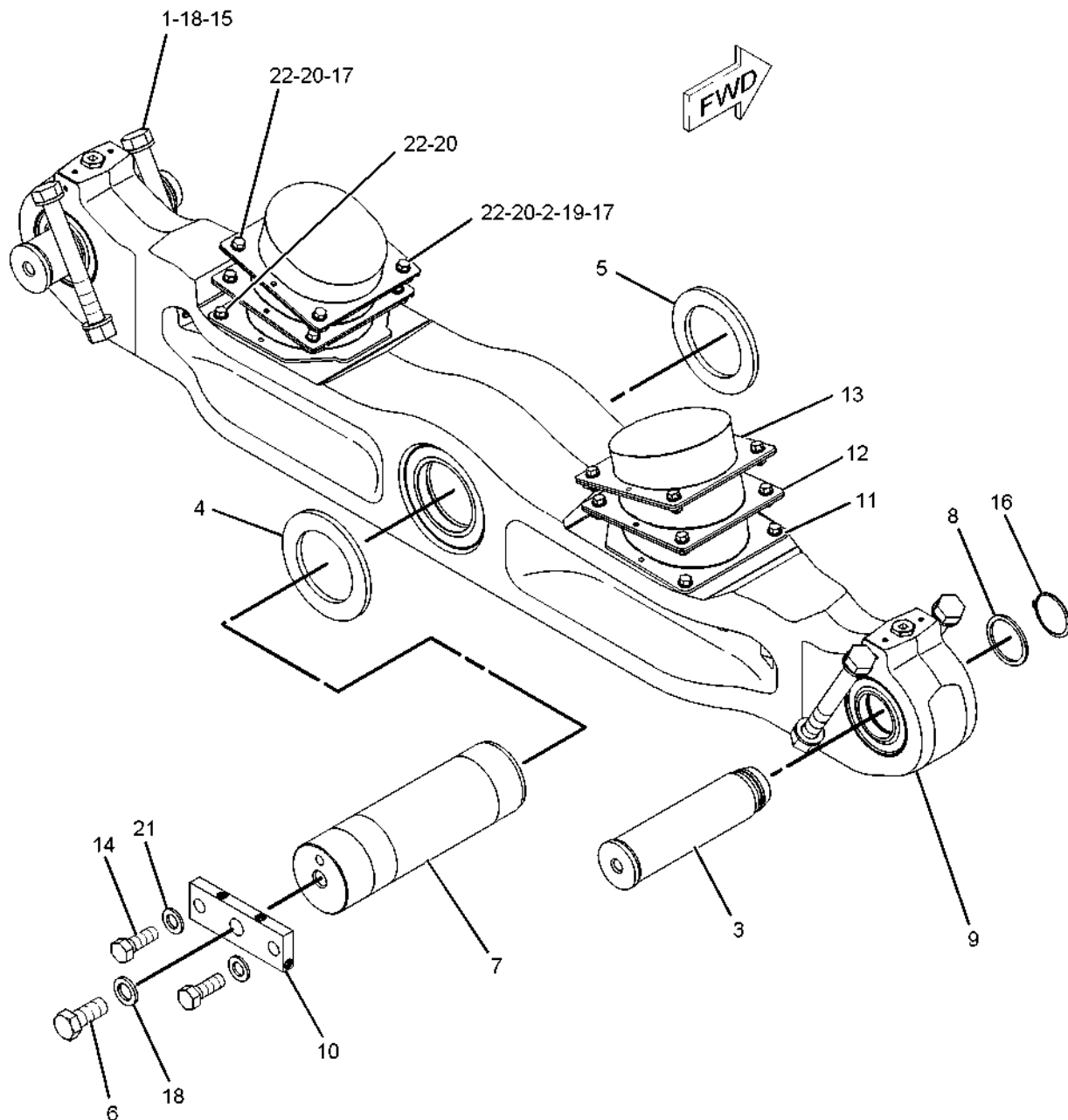
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1K-9415	4	BOLT (1 1/8-7X11 IN)	
C	2	1	3J-4278	8	SPACER (13.5X22.2X6.5)	
	3	1	3T-7792	2	PIN	
	4	1	3T-7793	1	SPACER (143.8X216X12MM THK)	
	5	1	3T-7794	1	SPACER (143.3X208X12MM THK)	
	6	1	7F-6112	1	BOLT (1 1/4-12X3 IN)	
	7	1	8P-8827	1	PIN	
	8	1	131-1574	2	SPACER (83.5X100X5MM THK)	
CY	9	1	207-2684	1	BAR GP-EQUALIZER	549
	10	1	209-3186	1	MANIFOLD	
C	11	1	213-6184	2	PAD AS	
C	12	1	213-6185	2	PAD AS	
C	13	1	213-6186	2	PAD AS	
	14	1	2H-3745	2	BOLT (1-14X2.75 IN)	
	15	1	3K-9770	4	NUT-FULL (1 1/4X7 THD)	
	16	1	5P-5296	2	RING-RETAINING	
C	17	1	6V-8188	16	NUT (1/2-13 THD)	
	18	1	7X-0533	9	WASHER-HARD (34X55X6MM THK)	
C	19	1	7X-0590	8	WASHER-HARD (13.5X44.5X6MM THK)	
C	20	1	8T-4223	28	WASHER-HARD (13.5X25.5X3MM THK)	
	21	1	8T-5361	2	WASHER-HARD (28X49X5MM THK)	
C	22	1	8T-8917	20	BOLT (1/2-13X1.25 IN)	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

UNDERCARRIAGE

141 - 7522 BAR GP - EQUALIZER (contd.)

i01962165



GRAPHIC #1

<END>

g01025384

UNDERCARRIAGE

207-2684 BAR GP-EQUALIZER

S/N: 7PZ701-UP

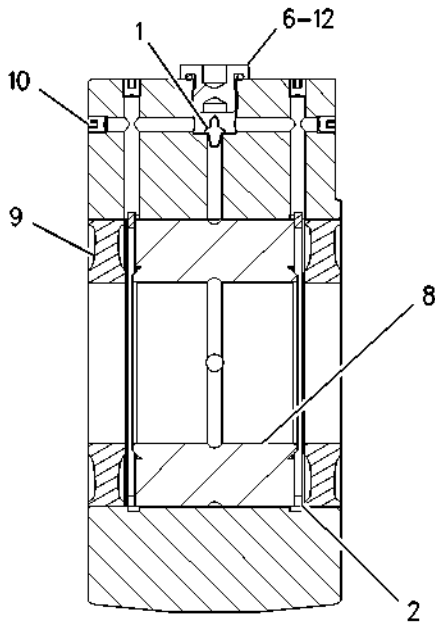
PART OF 141-7522 BAR GP-EQUALIZER

FIELD REPLACEMENT FOR 143-3332 EQUALIZER BAR AS

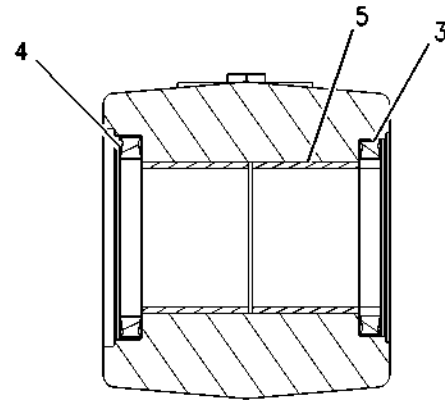
SMCS-7206

i01988792

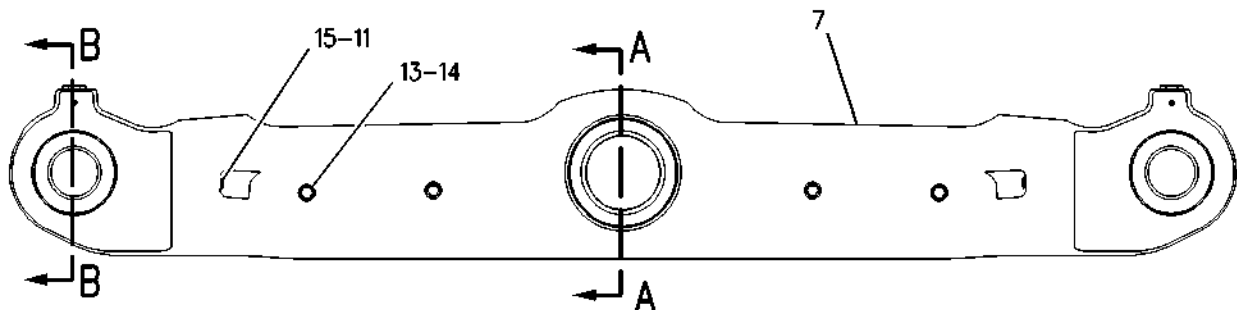
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	2	FITTING-GREASE						
	2	1	5P-7151	4	RING-RETAINING						
	3	1	8P-8796	1	SEAL AS						
	4	1	8P-8797	1	SEAL AS						
	5	1	129-4487	2	BEARING-SLEEVE						
	6	1	133-5631	2	PLUG						
	7	1	143-3331	1	EQUALIZER BAR						
	8	1	159-9311	2	BEARING						
	9	1	194-8128	4	SEAL-AS						
	10	1	2F-5326	8	SETSCREW (3/8-16X.37 IN)						
	11	1	3J-7354	2	SEAL-O-RING						
	12	1	5F-1678	2	SEAL-O-RING						
	13	1	7X-0323	4	BOLT						
	14	1	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)						
	15	1	9S-8002	2	PLUG						



SECTION B-B



SECTION A-A



GRAPHIC #1

<END>

g00843895

UNDERCARRIAGE

129-4032 CAP GP-TRACK IDLER

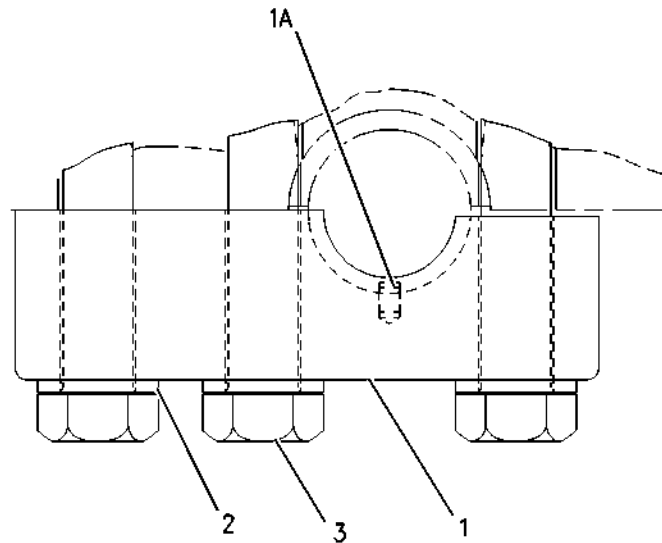
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PART OF 139-7697, 179-2518, 179-2519 UNDERCARRIAGE AR

SMCS-4159

i01565083

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	129-4030	1	CAP AS-TRACK IDLER						
	1A	1	1T-0068	1	PIN-SPRING						
	2	1	7D-5238	3	WASHER (37.5X62X6MM THK)						
	3	1	8T-5881	3	BOLT (1-3/8-6X8 IN)						



GRAPHIC #1

<END>

g00813344

UNDERCARRIAGE

129-4033 CAP GP-TRACK IDLER

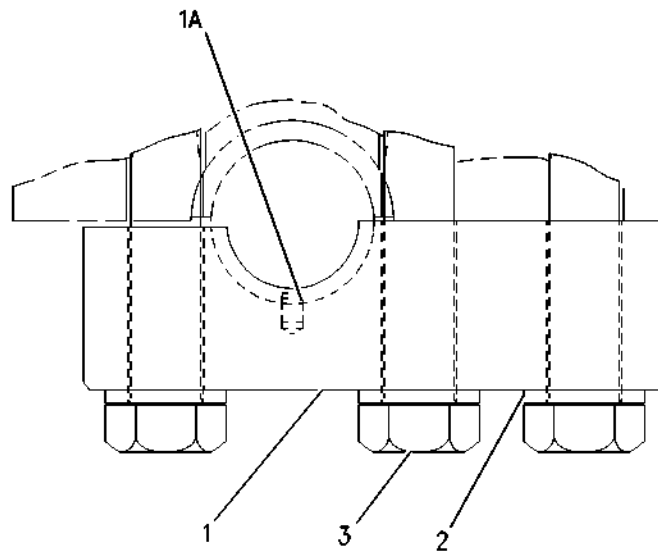
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PART OF 139-7697, 179-2518, 179-2519 UNDERCARRIAGE AR

SMCS-4159

i01565103

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	129-4031	1	CAP AS-TRACK IDLER						
	1A	1	1T-0068	1	PIN-SPRING						
	2	1	7D-5238	3	WASHER (37.5X62X6MM THK)						
	3	1	8T-5881	3	BOLT (1-3/8-6X8 IN)						



GRAPHIC #1

<END>

g00813348

UNDERCARRIAGE

9W-7266 CAP GP-TRACK ROLLER

S/N: 7PZ1-UP

PART OF 139-7720 ROLLER AR-TRACK CARRIER, 139-7697, 179-2518, 179-2519

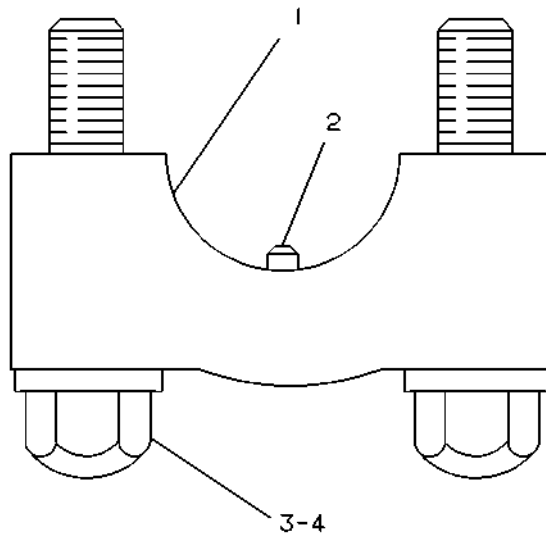
UNDERCARRIAGE AR

ALSO AN ATTACHMENT

SMCS-4180

i01743954

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-1745	1	CAP AS						
	2	1	1T-0068	1	PIN-SPRING						
	3	1	9W-7269	2	BOLT (1-1/4-7X4.88 IN)						
	4	1	4K-0684	2	WASHER-HARD (34X55X6MM THK)						



GRAPHIC #1

<END>

g00189359

UNDERCARRIAGE

139-7698 FRAME GP-TELESCOPING RECOIL

S/N: 7PZ1-294

PART OF 139-7697 UNDERCARRIAGE AR

SMCS-4151

i01988805

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	138-0576	1	FRAME AS-ROLLER (REAR) (RH)	
		1	138-0577	1	FRAME AS-ROLLER (REAR) (LH)	
	2	1	7X-0399	12	BOLT (1-8X1.25 IN)	
		1	8T-5361	12	WASHER-HARD (28X49X5MM THK)	
	3	1	7T-8330	2	COVER	
		1	3S-1223	2	SEAL-O-RING	
	4	1	5P-9891	2	PLATE-WARNING (HIGH PRESSURE CYLINDER)	
	5	1	4B-4158	8	SCREW-DRIVE (3/16X0.25 IN)	
	6	1	8C-4436	6	BOLT (1/2-13X1.375 IN)	
		1	8T-4223	6	WASHER-HARD (13.5X25.5X3MM THK)	
C	7	1	176-2551	2	FRAME AS-FRONT	
					(EACH INCLUDES)	
		1	4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
		1	6V-0709	1	PLATE-WARNING (RECOIL SPRING)	
C		1	7X-0345	5	BOLT (5/8-11X1.75 IN)	
C		1	8T-4122	5	WASHER-HARD (17X32X3.5MM THK)	
		1	138-9907	1	SLEEVE-WEAR	
		1	162-8438	1	COVER	
	8	1	8T-9399	32	BOLT (3/4-10X2.25 IN)	
		1	8T-4994	32	WASHER-HARD (20X36.5X3.5MM THK)	
	9	1	1J-2890	4	SEAL-O-RING	
	10	1	7T-1331	4	GUIDE AS	
	11	1	6V-9480	4	FILM-WARNING (GUIDE)	
	12	1	8P-4693	4	COVER	
	13	1	3T-7494	2	BEARING	
	14	1	7X-2627	2	RING-RETAINING	
	15	1	9X-4590	2	SEAL AS	
	16	1	7X-2628	2	RING-RETAINING	
	17	1	9G-7516	48	PLUG	
	18	2	134-2202	1	SHAFT-PIVOT	
	19	2	7X-0351	18	BOLT (5/8-11X3.75 IN)	
	20	2	8T-4122	36	WASHER-HARD (17X32X3.5MM THK)	
	21	2	5P-9217	2	SEAL-O-RING	
	22	2	3T-9055	2	RING-THRUST	
	23	2	2M-1309	2	SEAL-O-RING	
	24	2	134-2203	2	PLATE-THRUST	
	25	2	6Y-6583	2	COVER	
	26	2	134-4814	2	PLATE-THRUST	
	27	2	9S-4185	2	PLUG	
		2	3K-0360	2	SEAL-O-RING	
	28	2	6F-4718	2	SEAL-O-RING	
	29	2	1D-4639	24	BOLT (1-8X4 IN)	
	30	2	5P-4256	2	RING-RETAINING	
	31	2	4T-2069	6	PLUG-DRAIN (TELESCOPING RECOIL FRAME)	
		2	2H-3932	6	SEAL-O-RING	
	32	2	7X-0347	18	BOLT (5/8-11X2.25 IN)	
	33	2	7T-0194	2	RETAINER	
	34	2	8T-1115	2	SEAL-PIVOT SHAFT	
	35	2	7T-0192	2	RETAINER	
	36	2	7T-3479	2	PLATE-THRUST	
	37	2	8F-9960	2	SEAL-O-RING	
	38	2	6T-4176	2	BEARING-SLEEVE	
	39	2	6T-4177	2	BEARING-SLEEVE	

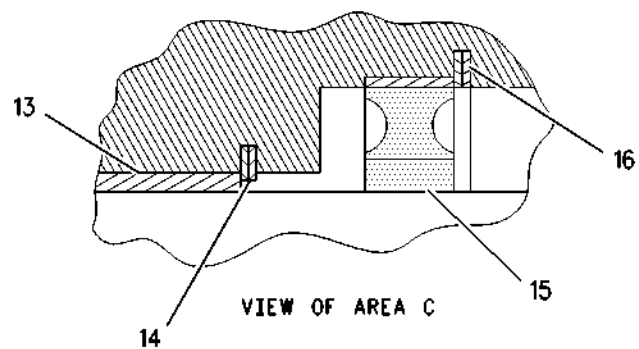
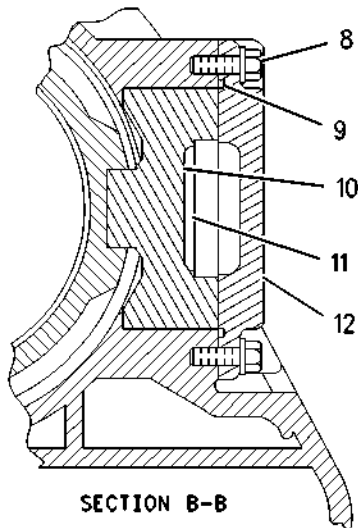
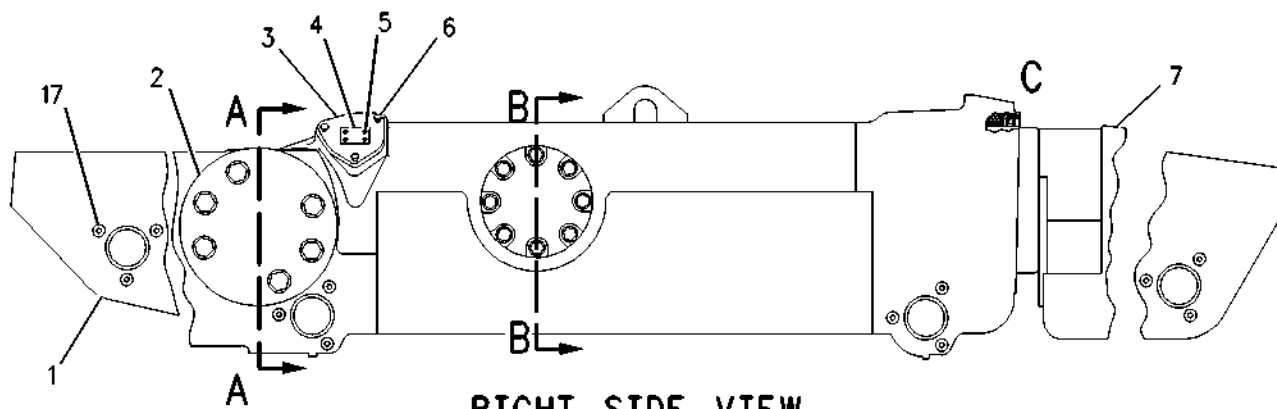
QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES

C-CHANGE FROM PREVIOUS TYPE

UNDERCARRIAGE

139-7698 FRAME GP-TELESCOPING RECOIL (contd.)

i01988805



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

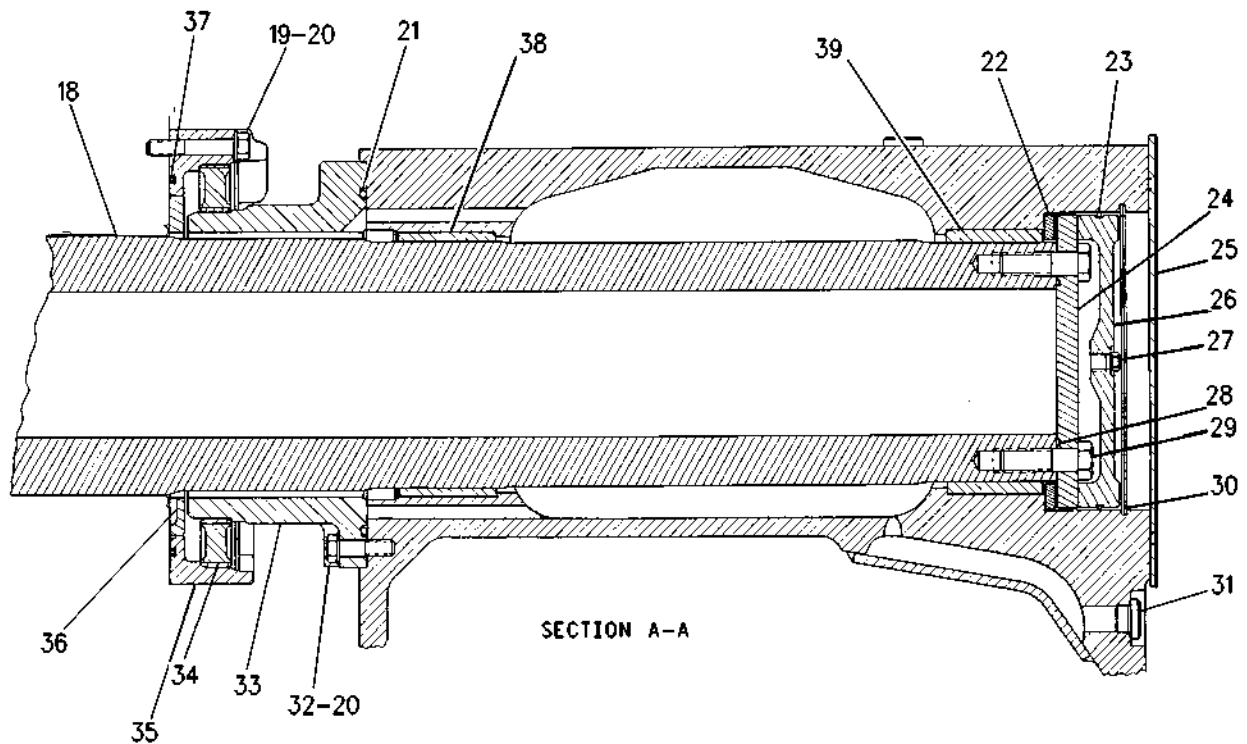
GRAPHIC #1

g00362742

UNDERCARRIAGE

139-7698 FRAME GP-TELESCOPING RECOIL (contd.)

i01988805



GRAPHIC #2

<END>

g00362743

UNDERCARRIAGE

139-7698 FRAME GP-TELESCOPING RECOIL

S/N: 7PZ295-386

PART OF 139-7697 UNDERCARRIAGE AR

SMCS-4151

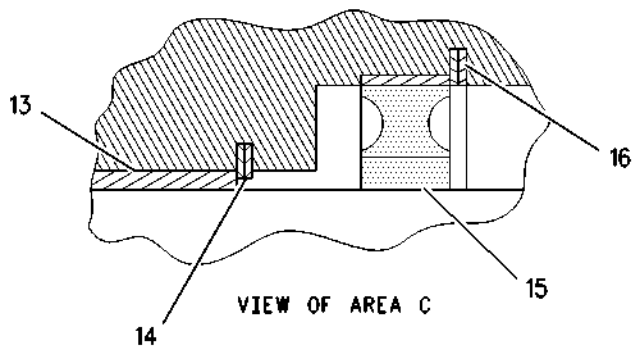
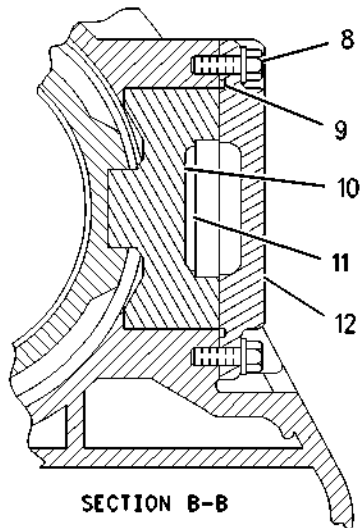
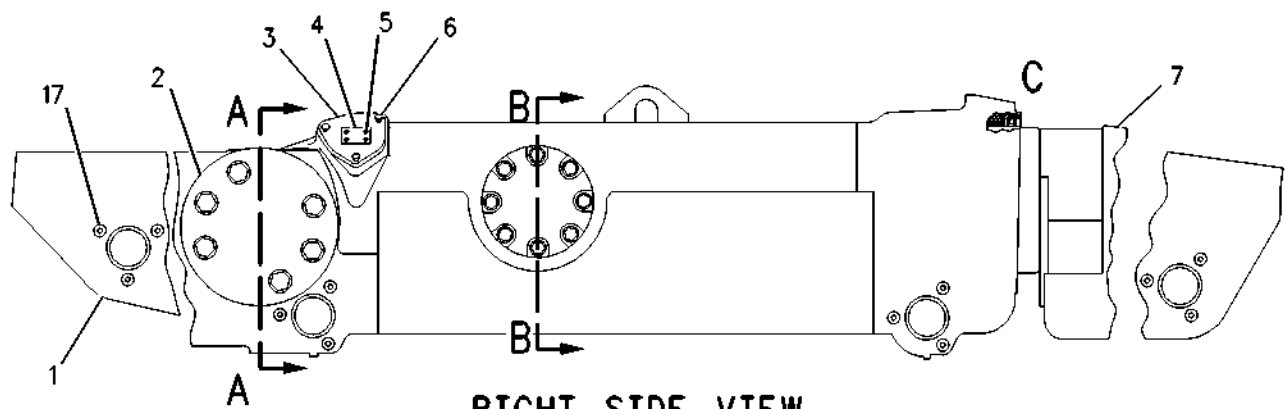
i01988808

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	175-6802	1	FRAME AS-ROLLER (RH)	
C		1	175-6803	1	FRAME AS-ROLLER (LH)	
	2	1	7X-0399	12	BOLT (1-8X1.25 IN)	
		1	8T-5361	12	WASHER-HARD (28X49X5MM THK)	
	3	1	7T-8330	2	COVER	
		1	3S-1223	2	SEAL-O-RING	
4	1		5P-9891	2	PLATE-WARNING (HIGH PRESSURE CYLINDER)	
5	1		4B-4158	8	SCREW-DRIVE (3/16X0.25 IN)	
6	1		8C-4436	6	BOLT (1/2-13X1.375 IN)	
		1	8T-4223	6	WASHER-HARD (13.5X25.5X3MM THK)	
7	1	1	176-2551	2	FRAME AS-FRONT	
					(EACH INCLUDES)	
		1	4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
		1	6V-0709	1	PLATE-WARNING (RECOIL SPRING)	
		1	7X-0345	5	BOLT (5/8-11X1.75 IN)	
		1	8T-4122	5	WASHER-HARD (17X32X3.5MM THK)	
		1	138-9907	1	SLEEVE-WEAR	
		1	162-8438	1	COVER	
8	1		8T-9399	32	BOLT (3/4-10X2.25 IN)	
		1	8T-4994	32	WASHER-HARD (20X36.5X3.5MM THK)	
9	1		1J-2890	4	SEAL-O-RING	
10	1		7T-1331	4	GUIDE AS	
11	1		6V-9480	4	FILM-WARNING (GUIDE)	
12	1		8P-4693	4	COVER	
13	1		3T-7494	2	BEARING	
14	1		7X-2627	2	RING-RETAINING	
15	1		9X-4590	2	SEAL AS	
16	1		7X-2628	2	RING-RETAINING	
17	1		9G-7516	48	PLUG	
18	2		134-2202	1	SHAFT-PIVOT	
19	2		7X-0351	18	BOLT (5/8-11X3.75 IN)	
20	2		8T-4122	36	WASHER-HARD (17X32X3.5MM THK)	
21	2		5P-9217	2	SEAL-O-RING	
22	2		3T-9055	2	RING-THRUST	
23	2		2M-1309	2	SEAL-O-RING	
24	2		134-2203	2	PLATE-THRUST	
25	2		6Y-6583	2	COVER	
26	2		134-4814	2	PLATE-THRUST	
27	2		9S-4185	2	PLUG	
		2	3K-0360	2	SEAL-O-RING	
28	2		6F-4718	2	SEAL-O-RING	
29	2		1D-4639	24	BOLT (1-8X4 IN)	
30	2		5P-4256	2	RING-RETAINING	
31	2		4T-2069	6	PLUG-DRAIN (TELESCOPING RECOIL FRAME)	
		2	2H-3932	6	SEAL-O-RING	
32	2		7X-0347	18	BOLT (5/8-11X2.25 IN)	
33	2		7T-0194	2	RETAINER	
34	2		8T-1115	2	SEAL-PIVOT SHAFT	
35	2		7T-0192	2	RETAINER	
36	2		7T-3479	2	PLATE-THRUST	
37	2		8F-9960	2	SEAL-O-RING	
38	2		6T-4176	2	BEARING-SLEEVE	
39	2		6T-4177	2	BEARING-SLEEVE	
C- CHANGE FROM PREVIOUS TYPE						

UNDERCARRIAGE

139-7698 FRAME GP-TELESCOPING RECOIL (contd.)

i01988808



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

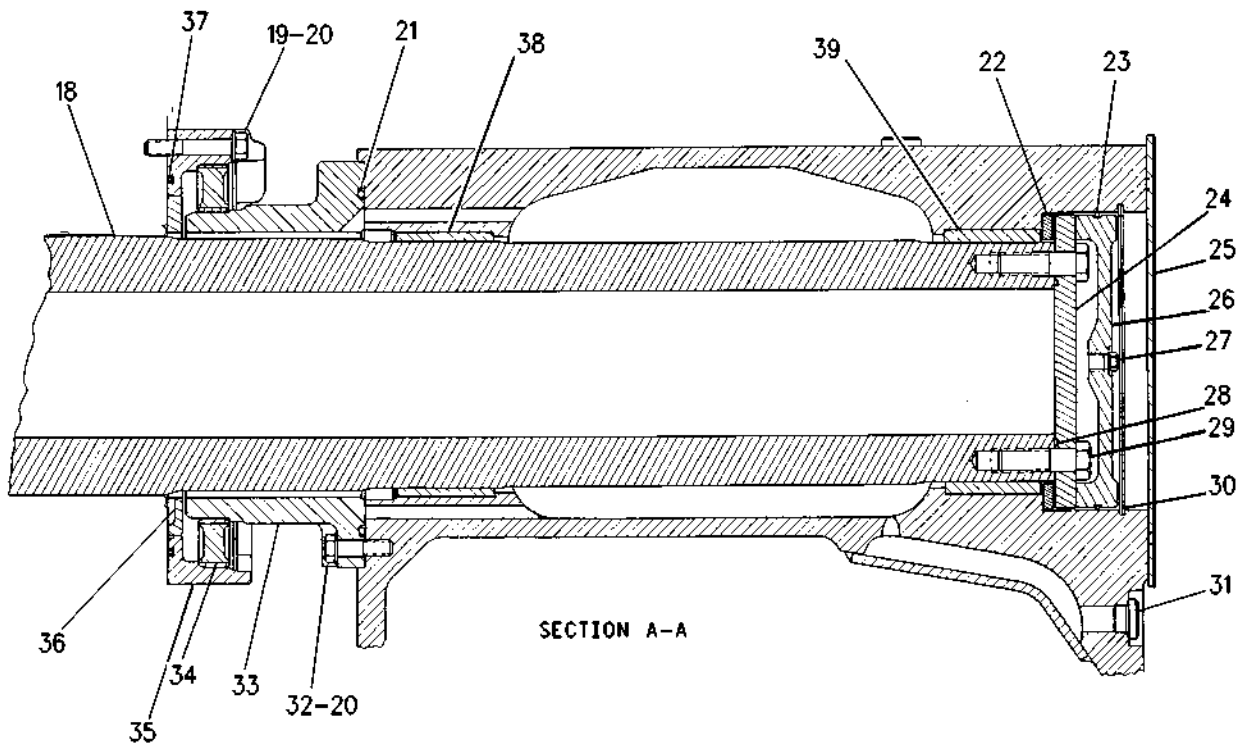
GRAPHIC #1

g00362742

UNDERCARRIAGE

139-7698 FRAME GP-TELESCOPING RECOIL (contd.)

i01988808



GRAPHIC #2

<END>

g00362743

UNDERCARRIAGE

139-7698 FRAME GP-TELESCOPING RECOIL

S/N: 7PZ387-696

PART OF 139-7697 UNDERCARRIAGE AR

SMCS-4151

i01988806

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	3T-9055	2	RING-THRUST	
	2	1	4B-4158	8	SCREW-DRIVE (3/16X0.25 IN)	
	3	2	4T-2069	6	PLUG-DRAIN (TELESCOPING RECOIL FRAME)	
	4	1	5P-9891	2	PLATE-WARNING (HIGH PRESSURE CYLINDER)	
	5	1	7T-1331	4	GUIDE AS (EACH INCLUDES)	
	6	1	6V-9480	1	FILM-WARNING (GUIDE)	
	7	1	6Y-6583	2	COVER	
	8	1	9X-4590	2	SEAL AS (EACH INCLUDES)	
		1	8T-5071	1	GUARD-SEAL	
	9	1	7T-8330	2	COVER	
	10	1	8P-4693	4	COVER	
	11	1	9G-7516	48	PLUG	
	12	2	134-2202	1	SHAFT-PIVOT	
	13	2	134-2203	2	PLATE-THRUST	
	14	2	134-4814	2	PLATE-THRUST	
C	15	1	138-0576	1	FRAME AS-ROLLER (REAR) (RH)	
C	16	1	138-0577	1	FRAME AS-ROLLER (REAR) (LH)	
C	17	1	180-3473	2	FRAME AS-FRONT (EACH INCLUDES)	
		1	4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
		1	6V-0709	1	PLATE-WARNING (RECOIL SPRING)	
		1	7X-0343	3	BOLT (5/8-11X1.25 IN)	
		1	8T-4122	3	WASHER-HARD (17X32X3.5MM THK)	
		1	138-9907	1	SLEEVE-WEAR	
	18	2	1D-4639	24	BOLT (1-8X4 IN)	
	19	1	1J-2890	4	SEAL-O-RING	
	20	2	2H-3932	6	SEAL-O-RING	
	21	2	2M-1309	2	SEAL-O-RING	
	22	2	3K-0360	2	SEAL-O-RING	
	23	1	3S-1223	2	SEAL-O-RING	
	24	1	3T-7494	2	BEARING	
	25	2	5P-4256	2	RING-RETAINING	
	26	2	5P-9217	2	SEAL-O-RING	
	27	2	6F-4718	2	SEAL-O-RING	
	28	2	6T-4176	2	BEARING-SLEEVE	
	29	2	6T-4177	2	BEARING-SLEEVE	
	30	2	7X-0347	18	BOLT (5/8-11X2.25 IN)	
	31	2	7X-0351	18	BOLT (5/8-11X3.75 IN)	
	32	1	7X-0399	12	BOLT (1-8X1.25 IN)	
	33	1	7X-2627	2	RING-RETAINING	
	34	1	7X-2628	2	RING-RETAINING	
	35	1	8C-4436	6	BOLT (1/2-13X1.375 IN)	
	36	2	8F-9960	2	SEAL-O-RING	
	37	2	8T-4122	36	WASHER-HARD (17X32X3.5MM THK)	
	38	1	8T-4223	6	WASHER-HARD (13.5X25.5X3MM THK)	
	39	1	8T-4994	32	WASHER-HARD (20X36.5X3.5MM THK)	
	40	1	8T-5361	12	WASHER-HARD (28X49X5MM THK)	
	41	1	8T-9399	32	BOLT (3/4-10X2.25 IN)	
	42	2	9S-4185	2	PLUG	
	43	2	203-2448	2	RETAINER AS (EACH INCLUDES)	
		2	7T-0192	1	RETAINER	
		2	7T-3479	1	PLATE-THRUST	
		2	8T-1115	1	SEAL-PIVOT SHAFT	

UNDERCARRIAGE

139-7698 FRAME GP-TELESCOPING RECOIL (contd.)

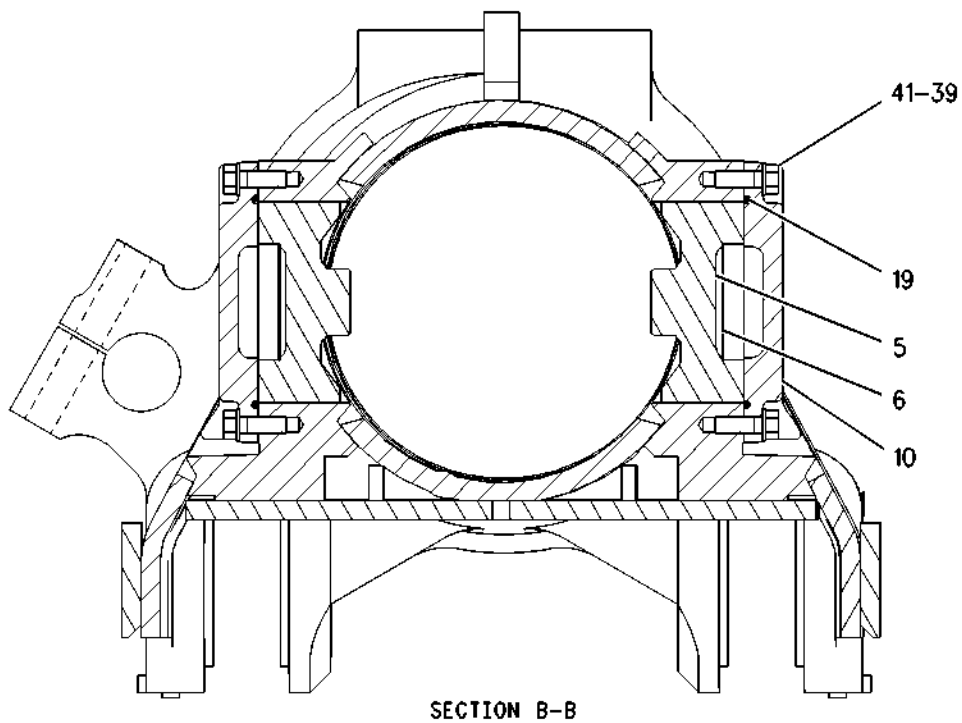
i01988806

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	203-2447	1	RETAINER						
C-CHANGE FROM PREVIOUS TYPE											

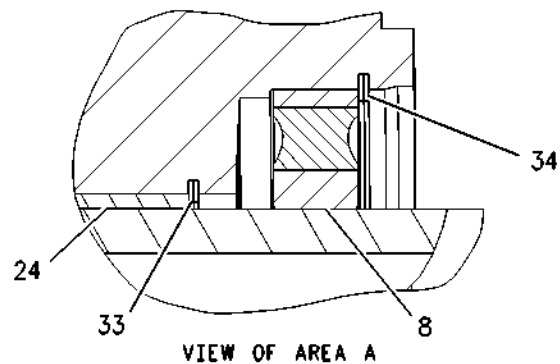
UNDERCARRIAGE

139-7698 FRAME GP-TELESCOPING RECOIL (contd.)

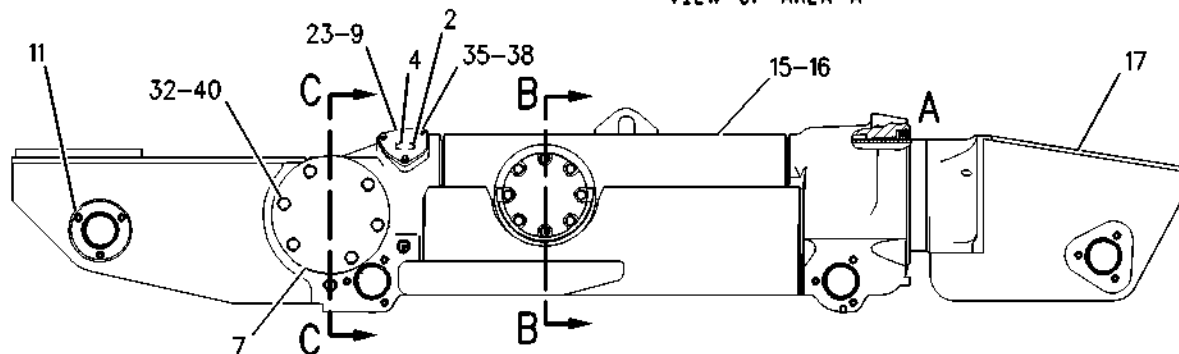
i01988806



SECTION B-B



VIEW OF AREA A



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

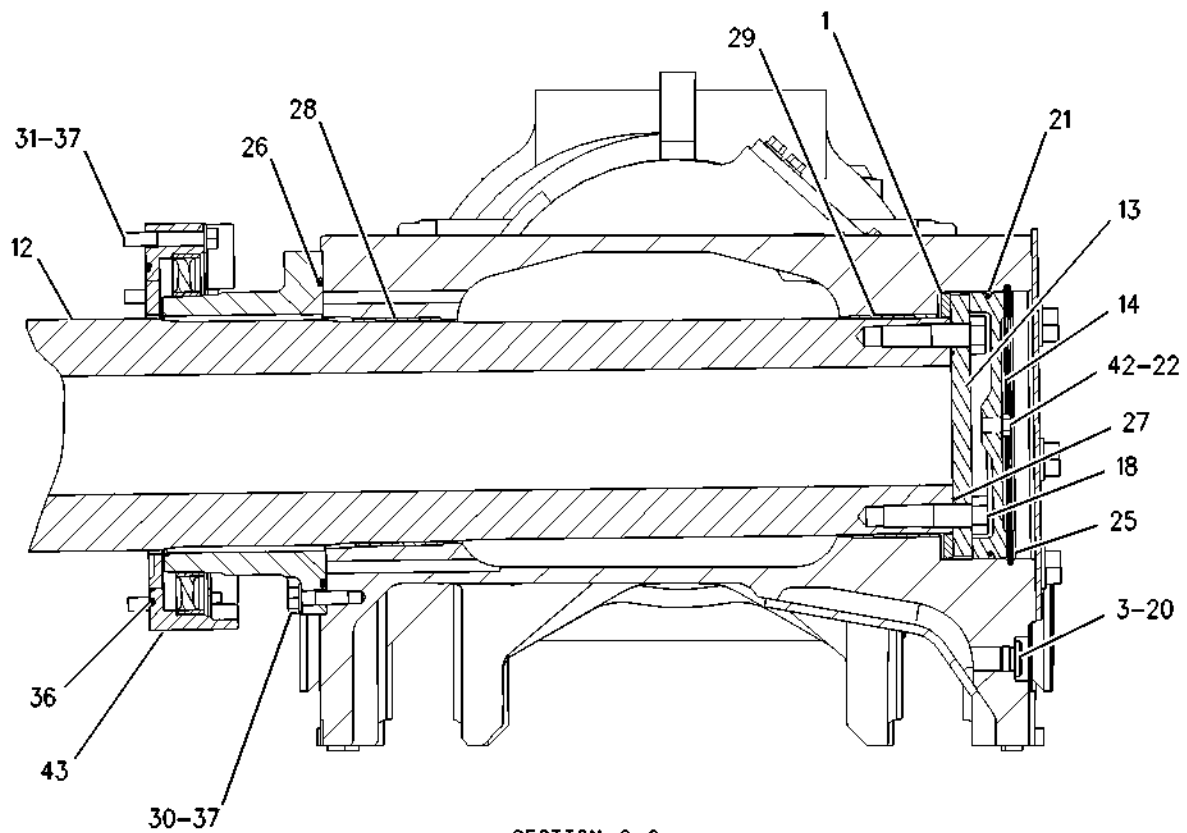
GRAPHIC #1

g00813438

UNDERCARRIAGE

139 - 7698 FRAME GP - TELESCOPING RECOIL (contd.)

i01988806



GRAPHIC #2

<END>

g00866118

UNDERCARRIAGE

139-7698 FRAME GP-TELESCOPING RECOIL

S/N: 7PZ697-UP

PART OF 139-7697 UNDERCARRIAGE AR

SMCS-4151

i01988807

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1D-4639	24	BOLT (1-8X4 IN)	
	2	1	3T-9055	2	RING-THRUST	
	3	1	4B-4158	8	SCREW-DRIVE (3/16X0.25 IN)	
	4	1	4T-2069	6	PLUG-DRAIN (TELESCOPING RECOIL FRAME)	
	5	1	5P-9891	2	PLATE-WARNING (HIGH PRESSURE CYLINDER)	
	6	1	7T-1331	4	GUIDE AS (EACH INCLUDES)	
	7	1	6V-9480	1	FILM-WARNING (GUIDE)	
	8	1	6Y-6583	2	COVER	
	9	1	7T-8330	2	COVER	
	10	1	8P-4693	4	COVER	
	11	1	9G-7516	48	PLUG	
	12	1	9X-4590	2	SEAL AS (EACH INCLUDES)	
		1	8T-5071	1	GUARD-SEAL	
C	13	1	106-7400	1	FRAME AS-TRACK ROLLER (RH) (REAR)	
	13A	1	7X-0342	9	BOLT (5/8-11X0.74 IN)	
	13B	1	7X-0399	6	BOLT (1-8X1.25 IN)	
	13C	1	7X-0407	6	BOLT (1-8X3.25 IN)	
	13D	1	8T-4122	9	WASHER-HARD (17X32X3.5MM THK)	
	13E	1	139-2010	1	BAR	
	13F	1	139-2022	2	BAR	
	13G	1	165-5312	2	PLATE	
	13H	1	203-2446	2	BAR	
C	14	1	106-7401	1	FRAME AS-TRACK ROLLER (LH) (REAR)	
	14A	1	7X-0342	9	BOLT (5/8-11X0.74 IN)	
	14B	1	7X-0399	6	BOLT (1-8X1.25 IN)	
	14C	1	7X-0407	6	BOLT (1-8X3.25 IN)	
	14D	1	8T-4122	9	WASHER-HARD (17X32X3.5MM THK)	
	14E	1	139-2010	1	BAR	
	14F	1	139-2022	2	BAR	
	14G	1	165-5312	2	PLATE	
	14H	1	203-2446	2	BAR	
	15	1	134-2202	1	SHAFT-PIVOT	
	16	1	134-2203	2	PLATE-THRUST	
	17	1	134-4814	2	PLATE-THRUST	
	18	1	180-3473	2	FRAME AS-FRONT (EACH INCLUDES)	
		1	4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
		1	6V-0709	1	PLATE-WARNING (RECOIL SPRING)	
		1	138-9907	1	SLEEVE-WEAR	
	19	1	203-2448	2	RETAINER AS (EACH INCLUDES)	
		1	7T-0192	1	RETAINER	
		1	7T-3479	1	PLATE-THRUST	
		1	8T-1115	1	SEAL-PIVOT SHAFT	
		1	203-2447	1	RETAINER	
	20	1	1J-2890	4	SEAL-O-RING	
	21	1	2H-3932	6	SEAL-O-RING	
	22	1	2M-1309	2	SEAL-O-RING	
	23	1	3K-0360	2	SEAL-O-RING	
	24	1	3S-1223	2	SEAL-O-RING	
	25	1	3T-7494	2	BEARING	
	26	1	5P-4256	2	RING-RETAINING	
	27	1	5P-9217	2	SEAL-O-RING	
	28	1	6F-4718	2	SEAL-O-RING	

UNDERCARRIAGE

139-7698 FRAME GP-TELESCOPING RECOIL (contd.)

i01988807

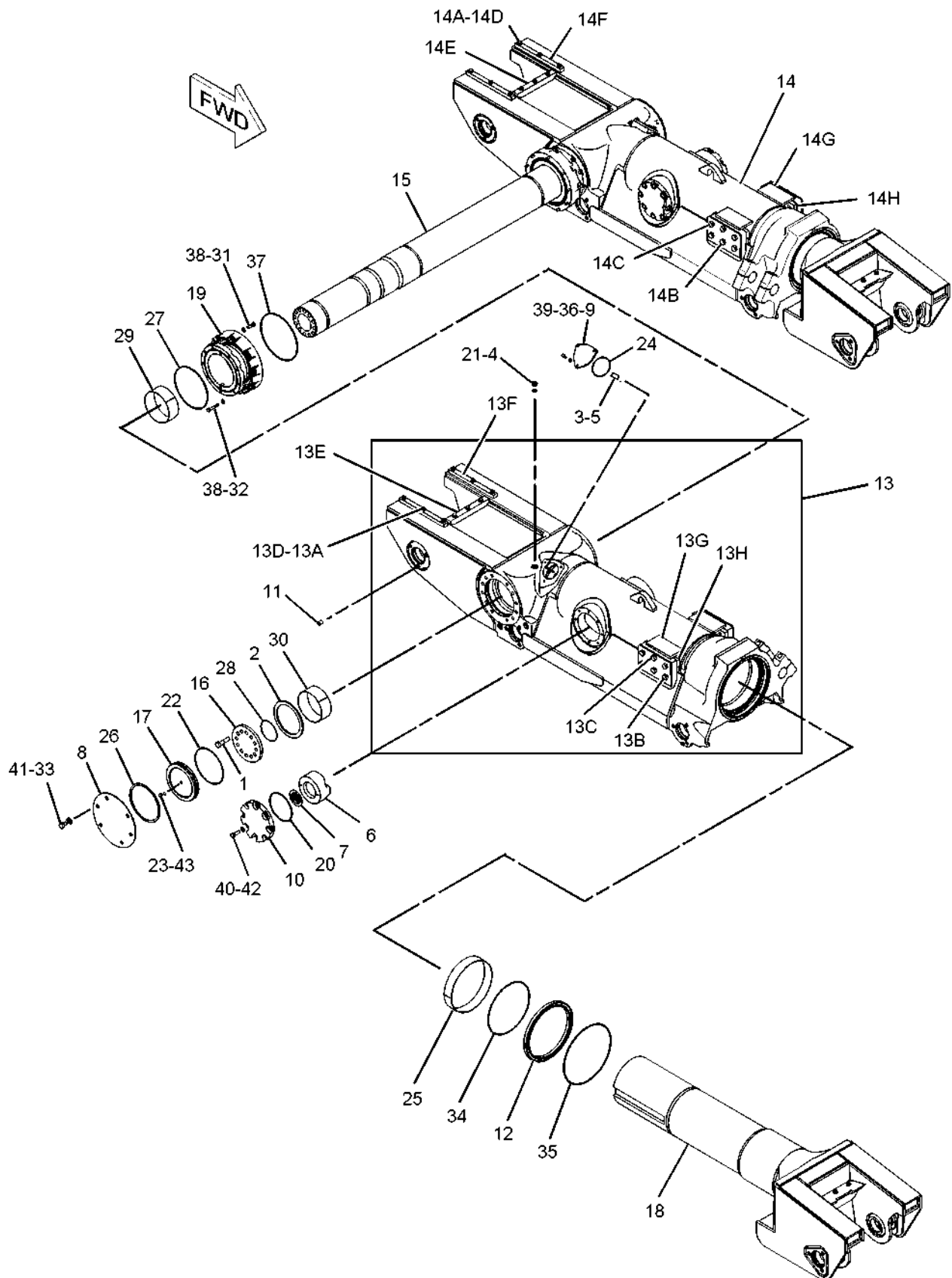
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	29	1	6T-4176	2	BEARING-SLEEVE	
	30	1	6T-4177	2	BEARING-SLEEVE	
	31	1	7X-0347	18	BOLT (5/8-11X2.25 IN)	
	32	1	7X-0351	18	BOLT (5/8-11X3.75 IN)	
	33	1	7X-0399	12	BOLT (1-8X1.25 IN)	
	34	1	7X-2627	2	RING-RETAINING	
	35	1	7X-2628	2	RING-RETAINING	
	36	1	8C-4436	6	BOLT (1/2-13X1.375 IN)	
	37	1	8F-9960	2	SEAL-O-RING	
	38	1	8T-4122	36	WASHER-HARD (17X32X3.5MM THK)	
	39	1	8T-4223	6	WASHER-HARD (13.5X25.5X3MM THK)	
	40	1	8T-4994	32	WASHER-HARD (20X36.5X3.5MM THK)	
	41	1	8T-5361	12	WASHER-HARD (28X49X5MM THK)	
	42	1	8T-9399	32	BOLT (3/4-10X2.25 IN)	
	43	1	9S-4185	2	PLUG	

C-CHANGE FROM PREVIOUS TYPE

UNDERCARRIAGE

139 - 7698 FRAME GP - TELESCOPING RECOIL (contd.)

i01988807



GRAPHIC #1

<END>

g01025340

UNDERCARRIAGE

179-2514 FRAME GP-TELESCOPING RECOIL-RH

S/N: 7PZ1-UP

PART OF 179-2518 UNDERCARRIAGE AR
TYPE 1

SMCS-4151

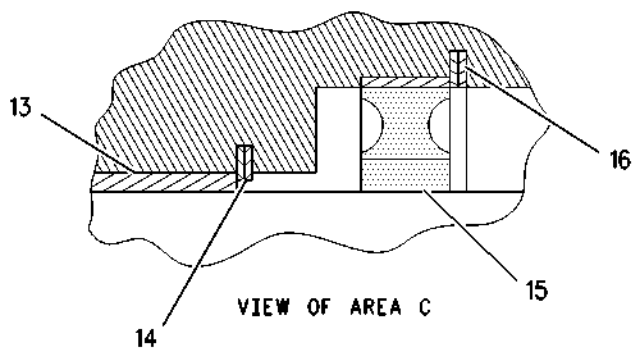
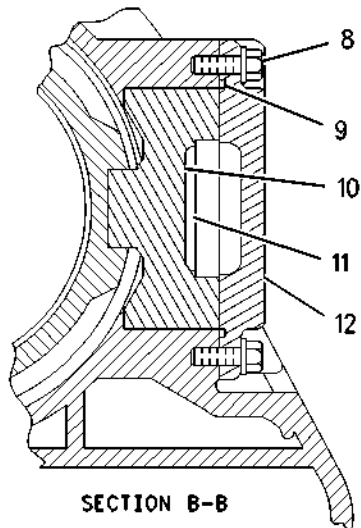
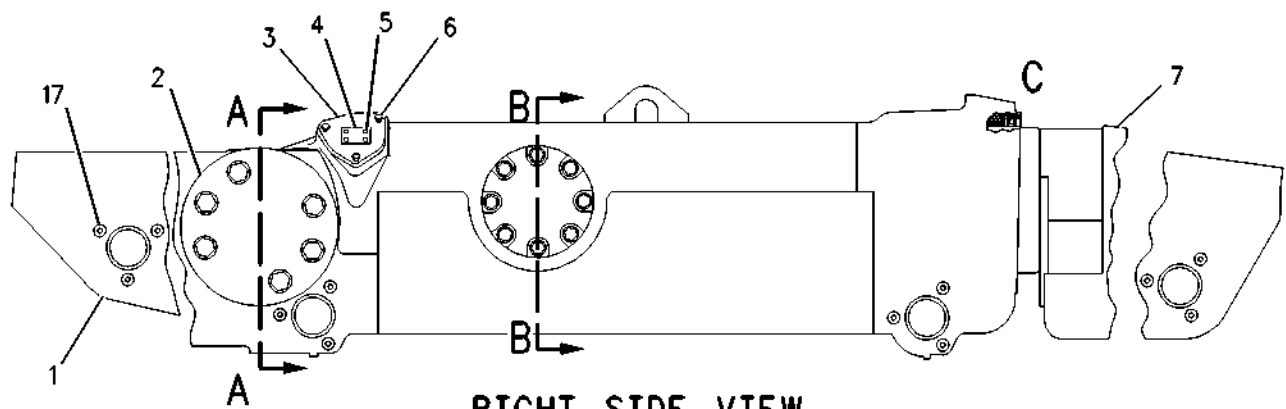
i01988831

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	138-0576	1	FRAME AS-ROLLER (REAR) (RH)	
	2	1	7X-0399	6	BOLT (1-8X1.25 IN)	
		1	8T-5361	6	WASHER-HARD (28X49X5MM THK)	
3	1		7T-8330	1	COVER	
		1	3S-1223	1	SEAL-O-RING	
4	1		5P-9891	1	PLATE-WARNING (HIGH PRESSURE CYLINDER)	
5	1		4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
6	1		8C-4436	3	BOLT (1/2-13X1.375 IN)	
		1	8T-4223	3	WASHER-HARD (13.5X25.5X3MM THK)	
7	1		176-2551	1	FRAME AS-FRONT	
		1	4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
		1	6V-0709	1	PLATE-WARNING (RECOIL SPRING)	
		1	7X-0345	5	BOLT (5/8-11X1.75 IN)	
		1	8T-4122	5	WASHER-HARD (17X32X3.5MM THK)	
		1	138-9907	1	SLEEVE-WEAR	
		1	162-8438	1	COVER	
8	1		8T-9399	16	BOLT (3/4-10X2.25 IN)	
		1	8T-4994	16	WASHER-HARD (20X36.5X3.5MM THK)	
9	1		1J-2890	2	SEAL-O-RING	
10	1		7T-1331	2	GUIDE AS	
11	1		6V-9480	2	FILM-WARNING (GUIDE)	
12	1		8P-4693	2	COVER	
13	1		3T-7494	1	BEARING	
14	1		7X-2627	1	RING-RETAINING	
15	1		9X-4590	1	SEAL AS	
16	1		7X-2628	1	RING-RETAINING	
17	1		9G-7516	24	PLUG	
18	2		6T-4177	1	BEARING-SLEEVE	
19	2		7X-0351	9	BOLT (5/8-11X3.75 IN)	
20	2		8T-4122	18	WASHER-HARD (17X32X3.5MM THK)	
21	2		5P-9217	1	SEAL-O-RING	
22	2		6T-4176	1	BEARING-SLEEVE	
23	2		8F-9960	1	SEAL-O-RING	
24	2		7X-0347	9	BOLT (5/8-11X2.25 IN)	
25	2		6Y-6583	1	COVER	
26	2		4T-2069	3	PLUG-DRAIN (TELESCOPING RECOIL FRAME)	
		2	2H-3932	3	SEAL-O-RING	

UNDERCARRIAGE

179-2514 FRAME GP-TELESCOPING RECOIL (contd.)

i01988831



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

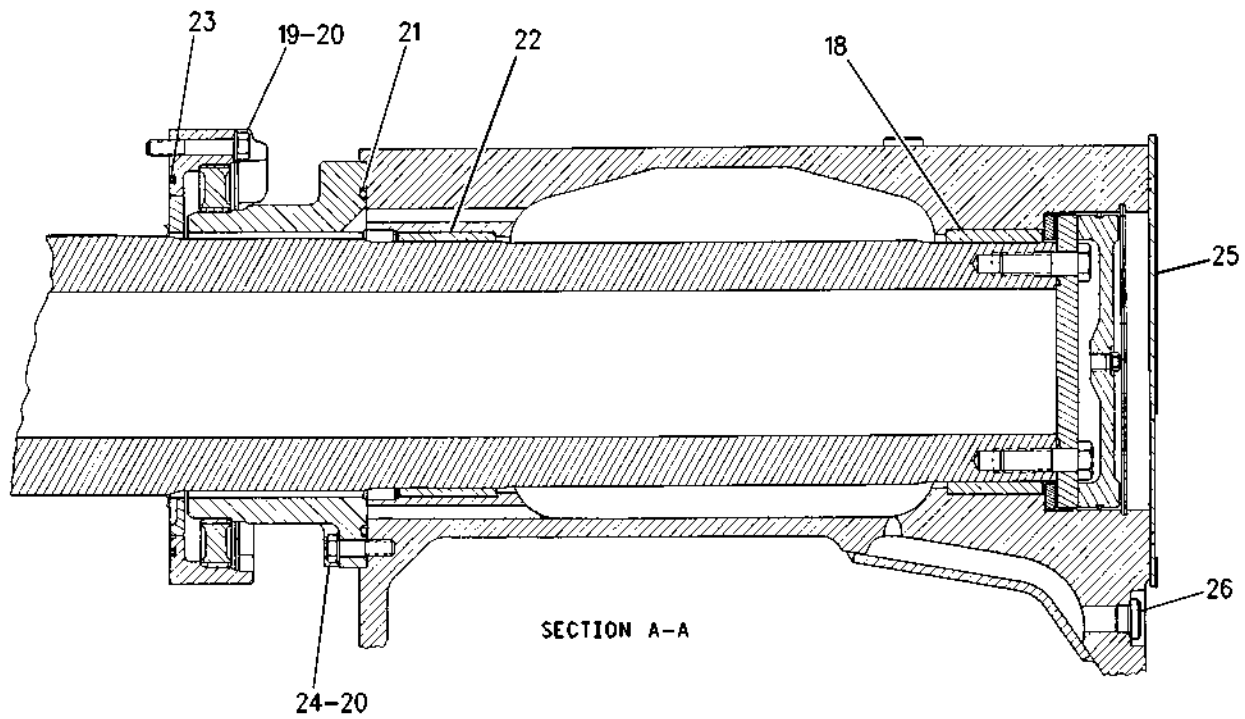
GRAPHIC #1

g00655533

UNDERCARRIAGE

179-2514 FRAME GP-TELESCOPING RECOIL (contd.)

i01988831



GRAPHIC #2

<END>

g00655538

UNDERCARRIAGE

179-2514 FRAME GP-TELESCOPING RECOIL-RH

S/N: 7PZ1-UP

PART OF 179-2518 UNDERCARRIAGE AR
TYPE 2

SMCS-4151

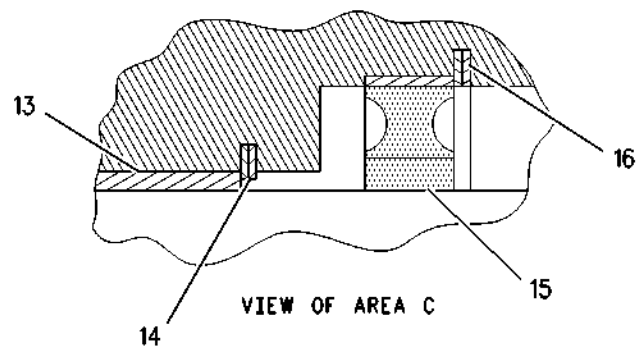
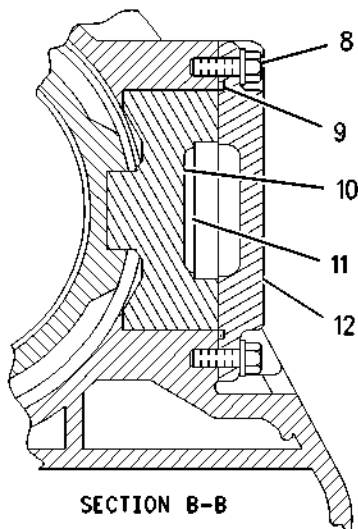
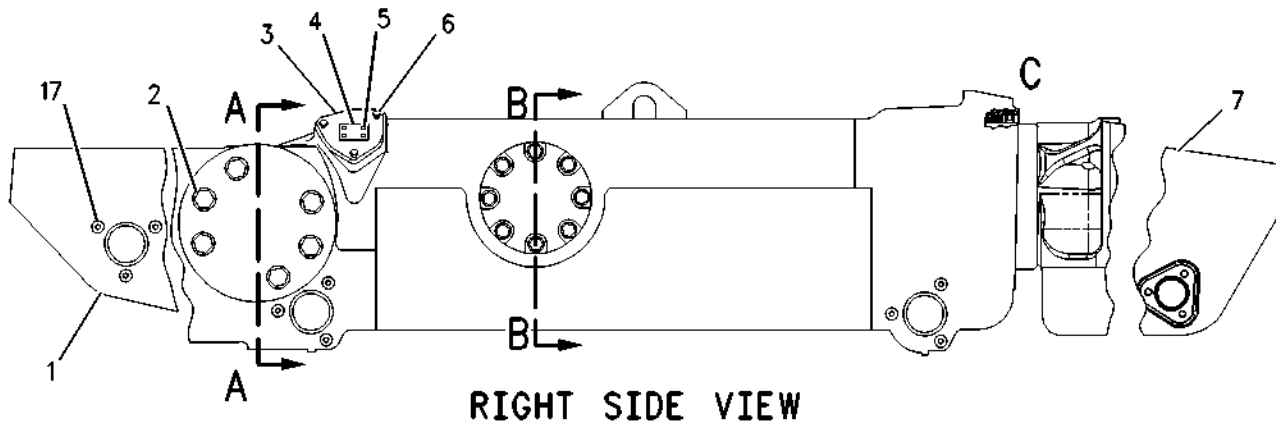
i01988832

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	138-0576	1	FRAME AS-ROLLER (REAR) (RH)	
	2	1	7X-0399	6	BOLT (1-8X1.25 IN)	
		1	8T-5361	6	WASHER-HARD (28X49X5MM THK)	
3	1		7T-8330	1	COVER	
		1	3S-1223	1	SEAL-O-RING	
4	1		5P-9891	1	PLATE-WARNING (HIGH PRESSURE CYLINDER)	
5	1		4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
6	1		8C-4436	3	BOLT (1/2-13X1.375 IN)	
		1	8T-4223	3	WASHER-HARD (13.5X25.5X3MM THK)	
7	1		180-3473	1	FRAME AS-FRONT	
		1	4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
		1	6V-0709	1	PLATE-WARNING (RECOIL SPRING)	
		1	7X-0345	5	BOLT (5/8-11X1.75 IN)	
		1	8T-4122	5	WASHER-HARD (17X32X3.5MM THK)	
		1	138-9907	1	SLEEVE-WEAR	
8	1		8T-9399	16	BOLT (3/4-10X2.25 IN)	
		1	8T-4994	16	WASHER-HARD (20X36.5X3.5MM THK)	
9	1		1J-2890	2	SEAL-O-RING	
10	1		7T-1331	2	GUIDE AS	
11	1		6V-9480	2	FILM-WARNING (GUIDE)	
12	1		8P-4693	2	COVER	
13	1		3T-7494	1	BEARING	
14	1		7X-2627	1	RING-RETAINING	
15	1		9X-4590	1	SEAL AS	
16	1		7X-2628	1	RING-RETAINING	
17	1		9G-7516	24	PLUG	
18	2		6T-4177	1	BEARING-SLEEVE	
19	2		7X-0351	9	BOLT (5/8-11X3.75 IN)	
20	2		8T-4122	18	WASHER-HARD (17X32X3.5MM THK)	
21	2		5P-9217	1	SEAL-O-RING	
22	2		6T-4176	1	BEARING-SLEEVE	
23	2		8F-9960	1	SEAL-O-RING	
24	2		7X-0347	9	BOLT (5/8-11X2.25 IN)	
25	2		6Y-6583	1	COVER	
26	2		4T-2069	3	PLUG-DRAIN (TELESCOPING RECOIL FRAME)	
	2		2H-3932	3	SEAL-O-RING	
27	2		203-2447	1	RETAINER	
28	2		8T-1115	1	SEAL-PIVOT SHAFT	
29	2		7T-0192	1	RETAINER	
30	2		7T-3479	1	PLATE-THRUST	

UNDERCARRIAGE

179-2514 FRAME GP-TELESCOPING RECOIL (contd.)

i01988832

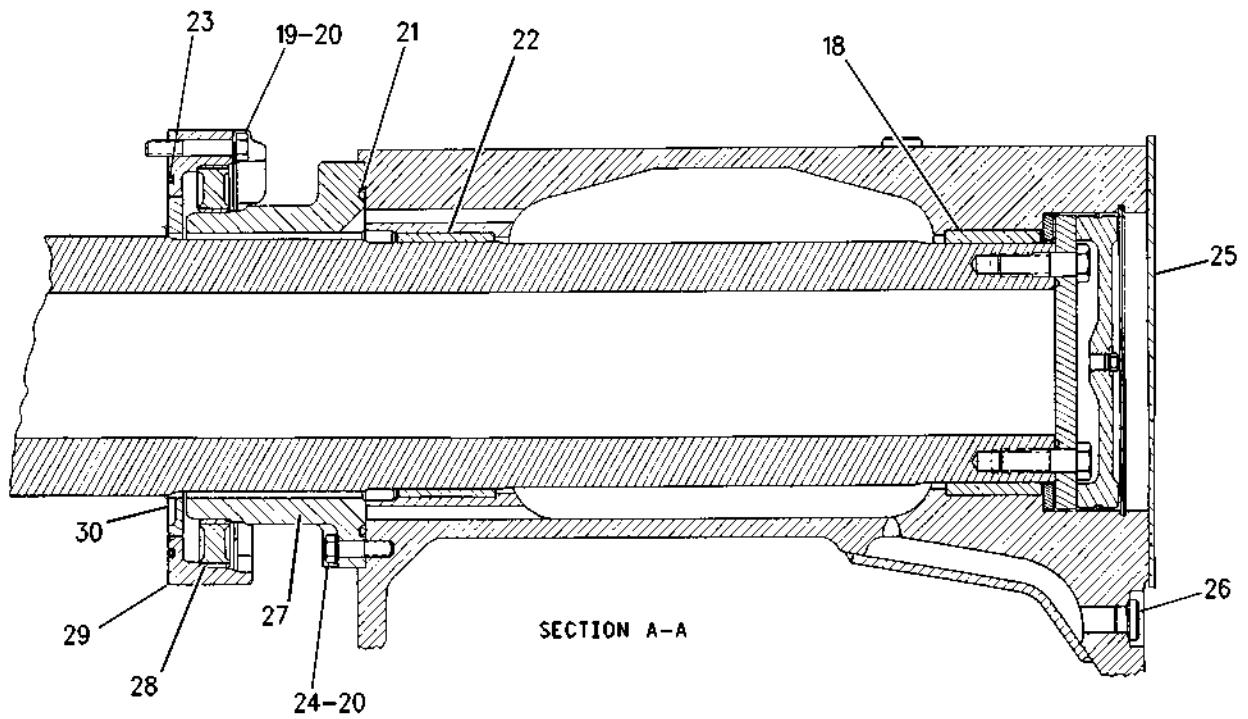


REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

UNDERCARRIAGE

179-2514 FRAME GP-TELESCOPING RECOIL (contd.)

i01988832



GRAPHIC #2

<END>

g00790342

UNDERCARRIAGE

179-2515 FRAME GP-TELESCOPING RECOIL-LH

S/N: 7PZ1-UP

PART OF 179-2519 UNDERCARRIAGE AR
TYPE 1

SMCS-4151

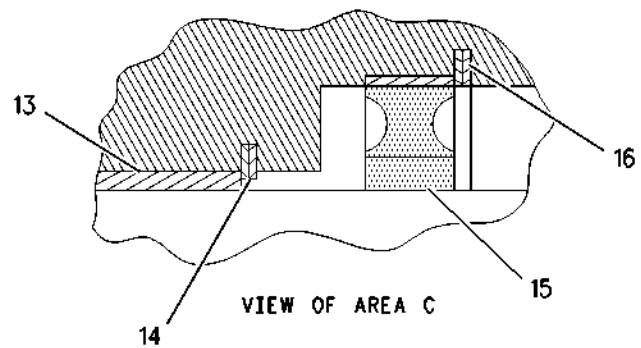
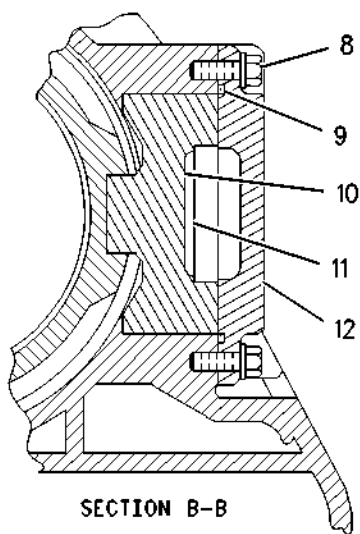
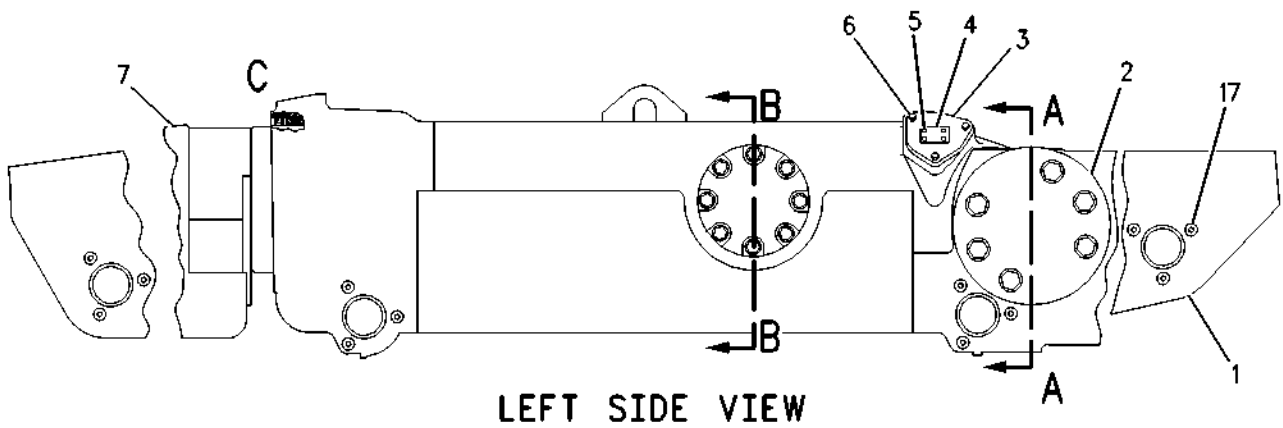
i01988829

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	138-0577	1	FRAME AS-ROLLER (REAR) (LH)	
	2	1	7X-0399	6	BOLT (1-8X1.25 IN)	
		1	8T-5361	6	WASHER-HARD (28X49X5MM THK)	
3	1		7T-8330	1	COVER	
		1	3S-1223	1	SEAL-O-RING	
4	1		5P-9891	1	PLATE-WARNING (HIGH PRESSURE CYLINDER)	
5	1		4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
6	1		8C-4436	3	BOLT (1/2-13X1.375 IN)	
		1	8T-4223	3	WASHER-HARD (13.5X25.5X3MM THK)	
7	1		176-2551	1	FRAME AS-FRONT	
		1	4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
		1	6V-0709	1	PLATE-WARNING (RECOIL SPRING)	
		1	7X-0345	5	BOLT (5/8-11X1.75 IN)	
		1	8T-4122	5	WASHER-HARD (17X32X3.5MM THK)	
		1	138-9907	1	SLEEVE-WEAR	
		1	162-8438	1	COVER	
8	1		8T-9399	16	BOLT (3/4-10X2.25 IN)	
		1	8T-4994	16	WASHER-HARD (20X36.5X3.5MM THK)	
9	1		1J-2890	2	SEAL-O-RING	
10	1		7T-1331	2	GUIDE AS	
11	1		6V-9480	2	FILM-WARNING (GUIDE)	
12	1		8P-4693	2	COVER	
13	1		3T-7494	1	BEARING	
14	1		7X-2627	1	RING-RETAINING	
15	1		9X-4590	1	SEAL AS	
16	1		7X-2628	1	RING-RETAINING	
17	1		9G-7516	24	PLUG	
18	2		6T-4177	1	BEARING-SLEEVE	
19	2		7X-0351	9	BOLT (5/8-11X3.75 IN)	
20	2		8T-4122	18	WASHER-HARD (17X32X3.5MM THK)	
21	2		5P-9217	1	SEAL-O-RING	
22	2		6T-4176	1	BEARING-SLEEVE	
23	2		8F-9960	1	SEAL-O-RING	
24	2		7X-0347	9	BOLT (5/8-11X2.25 IN)	
25	2		6Y-6583	1	COVER	
26	2		4T-2069	3	PLUG-DRAIN (TELESCOPING RECOIL FRAME)	
		2	2H-3932	3	SEAL-O-RING	

UNDERCARRIAGE

179-2515 FRAME GP-TELESCOPING RECOIL (contd.)

i01988829

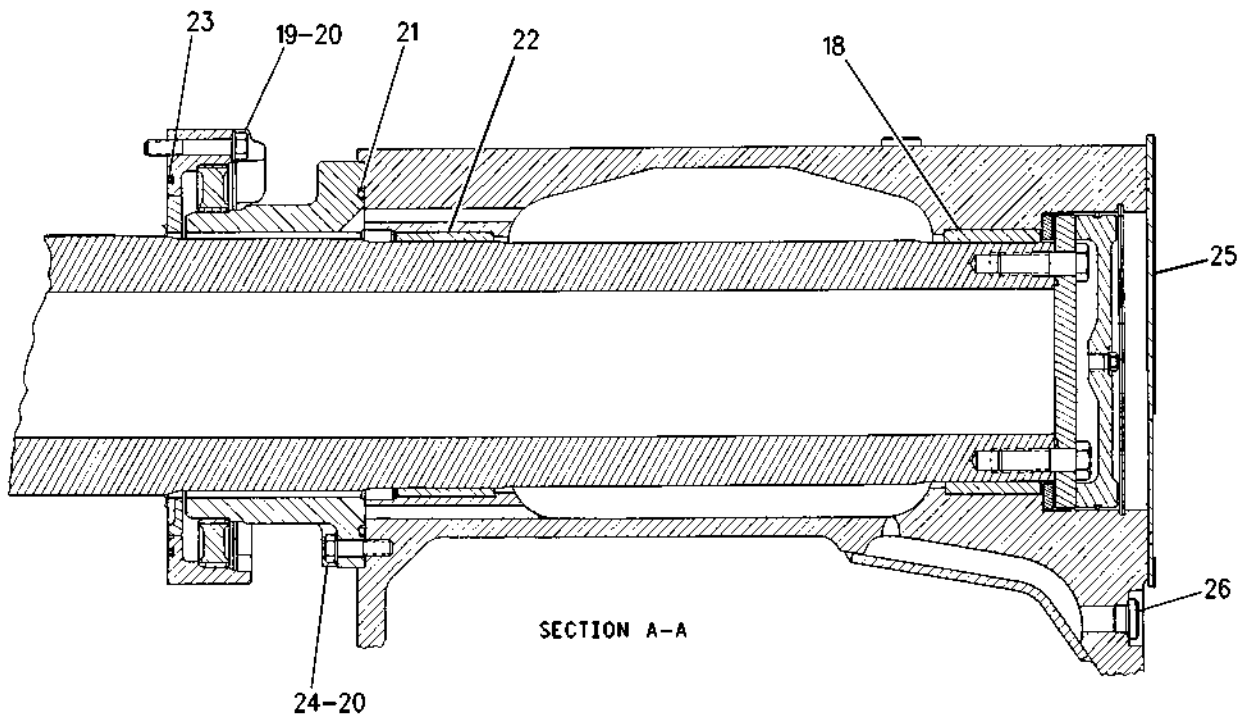


REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

UNDERCARRIAGE

179-2515 FRAME GP-TELESCOPING RECOIL (contd.)

i01988829



GRAPHIC #2

<END>

g00655668

UNDERCARRIAGE

179-2515 FRAME GP-TELESCOPING RECOIL-LH

S/N: 7PZ1-UP

PART OF 179-2519 UNDERCARRIAGE AR
TYPE 2

SMCS-4151

i01988830

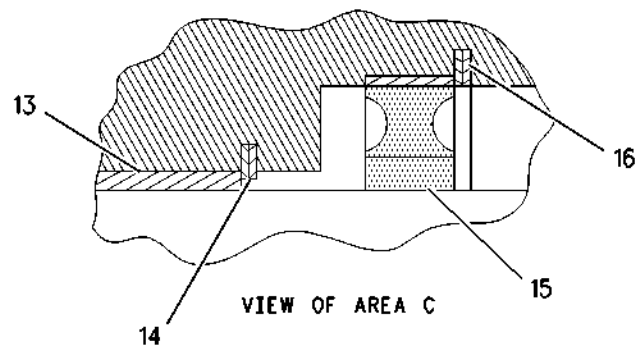
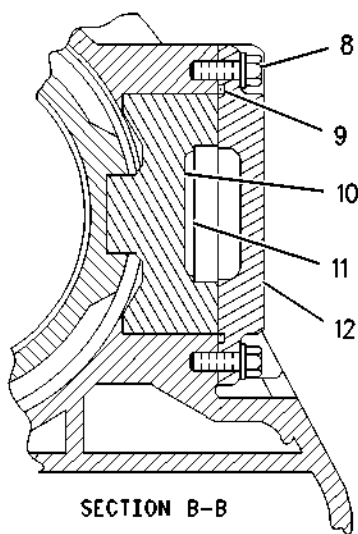
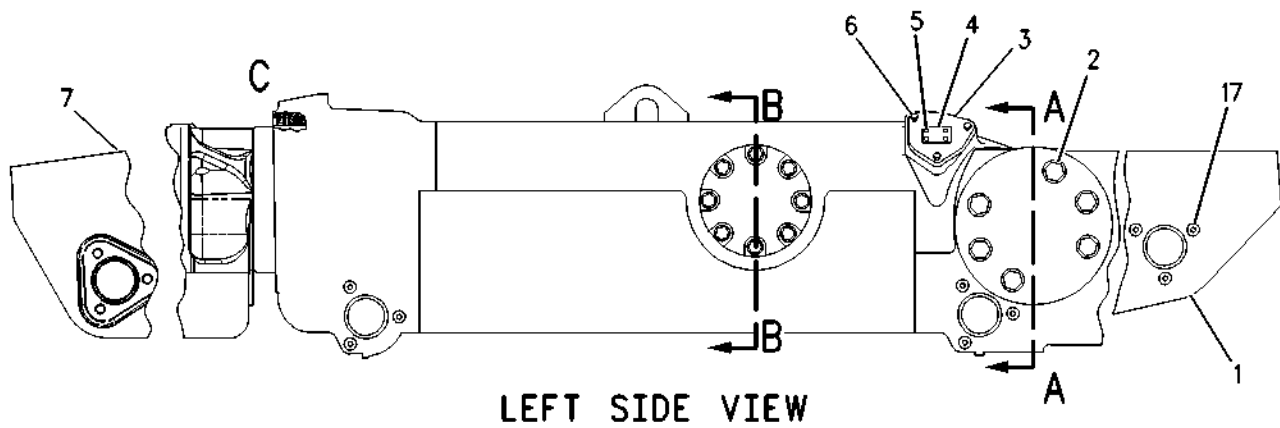
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	138-0577	1	FRAME AS-ROLLER (REAR) (LH)	
	2	1	7X-0399	6	BOLT (1-8X1.25 IN)	
		1	8T-5361	6	WASHER-HARD (28X49X5MM THK)	
	3	1	7T-8330	1	COVER	
		1	3S-1223	1	SEAL-O-RING	
	4	1	5P-9891	1	PLATE-WARNING (HIGH PRESSURE CYLINDER)	
	5	1	4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
	6	1	8C-4436	3	BOLT (1/2-13X1.375 IN)	
		1	8T-4223	3	WASHER-HARD (13.5X25.5X3MM THK)	
C	7	1	180-3473	1	FRAME AS-FRONT	
		1	4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
		1	6V-0709	1	PLATE-WARNING (RECOIL SPRING)	
		1	7X-0345	5	BOLT (5/8-11X1.75 IN)	
		1	8T-4122	5	WASHER-HARD (17X32X3.5MM THK)	
		1	138-9907	1	SLEEVE-WEAR	
	8	1	8T-9399	16	BOLT (3/4-10X2.25 IN)	
		1	8T-4994	16	WASHER-HARD (20X36.5X3.5MM THK)	
	9	1	1J-2890	2	SEAL-O-RING	
	10	1	7T-1331	2	GUIDE AS	
	11	1	6V-9480	2	FILM-WARNING (GUIDE)	
	12	1	8P-4693	2	COVER	
	13	1	3T-7494	1	BEARING	
	14	1	7X-2627	1	RING-RETAINING	
	15	1	9X-4590	1	SEAL AS	
	16	1	7X-2628	1	RING-RETAINING	
	17	1	9G-7516	24	PLUG	
	18	2	6T-4177	1	BEARING-SLEEVE	
	19	2	7X-0351	9	BOLT (5/8-11X3.75 IN)	
	20	2	8T-4122	18	WASHER-HARD (17X32X3.5MM THK)	
	21	2	5P-9217	1	SEAL-O-RING	
	22	2	6T-4176	1	BEARING-SLEEVE	
	23	2	8F-9960	1	SEAL-O-RING	
	24	2	7X-0347	9	BOLT (5/8-11X2.25 IN)	
	25	2	6Y-6583	1	COVER	
	26	2	4T-2069	3	PLUG-DRAIN (TELESCOPING RECOIL FRAME)	
		2	2H-3932	3	SEAL-O-RING	
	27	2	203-2448	1	RETAINER AS	
	28	2	8T-1115	1	SEAL-PIVOT SHAFT	
	29	2	7T-0192	1	RETAINER	
	30	2	7T-3479	1	PLATE-THRUST	

C-CHANGE FROM PREVIOUS TYPE

UNDERCARRIAGE

179-2515 FRAME GP-TELESCOPING RECOIL (contd.)

i01988830

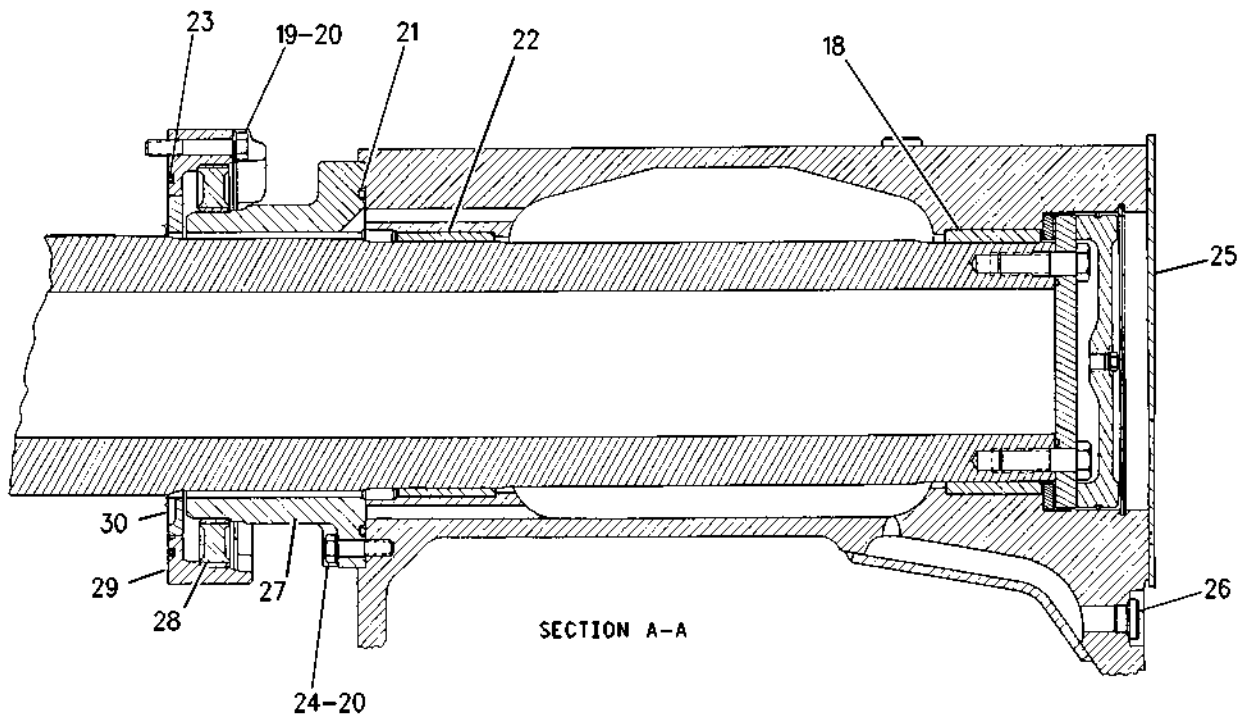


REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

UNDERCARRIAGE

179-2515 FRAME GP-TELESCOPING RECOIL (contd.)

i01988830



GRAPHIC #2

<END>

g00790363

UNDERCARRIAGE

156-0313 IDLER GP-TRACK

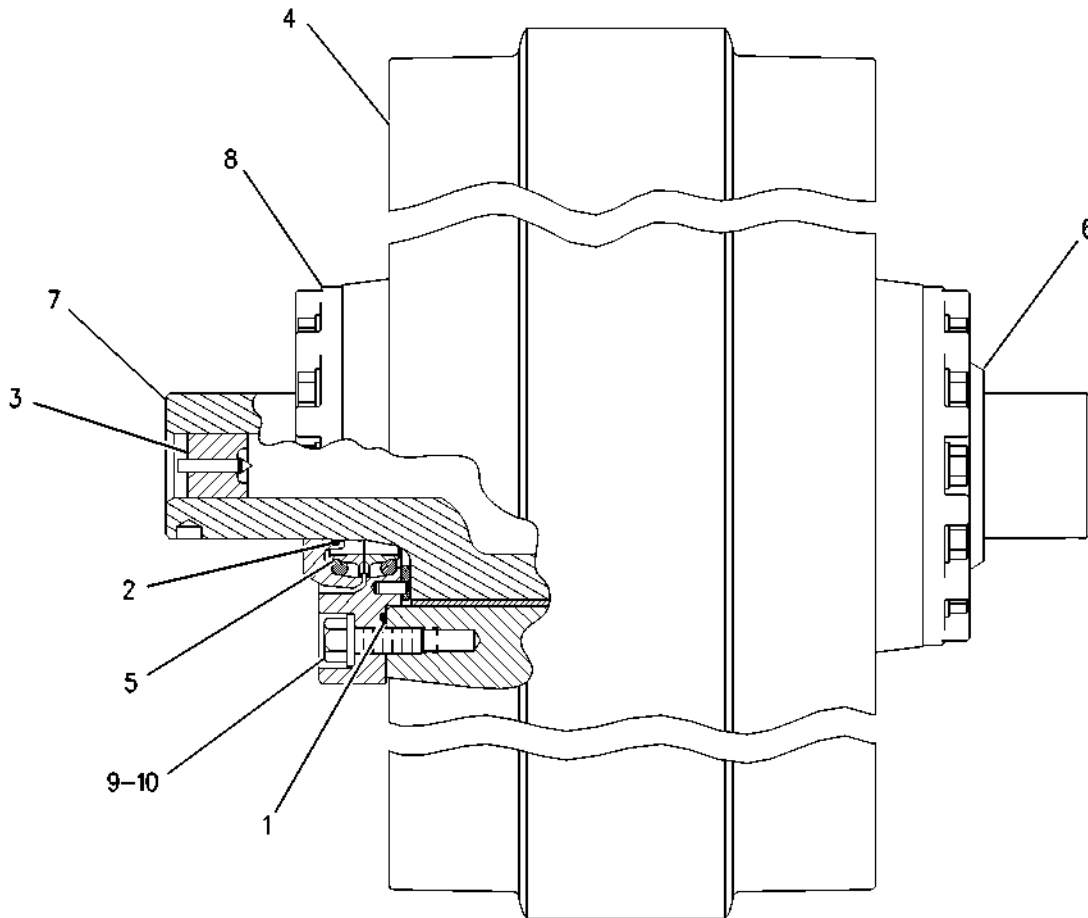
S/N: 7PZ1-386

PART OF 139-7697, 179-2516, 179-2517 UNDERCARRIAGE AR
FIELD REPLACEMENT ORDER 187-1484-PAGE 579

SMCS-4159

i01988834

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2K-2939	2	SEAL-O-RING						
	2	1	3K-0715	2	SEAL-O-RING						
	3	1	6Y-0473	1	PLUG-CLEAR						
		1	9G-1368	1	STOP-RUBBER						
	4	1	148-3730	1	IDLER & BEARING AS						
		1	148-3540	2	BEARING-SLEEVE						
	5	1	155-9879	2	SEAL GP-DUO-CONE						
					(EACH INCLUDES)						
		1	160-6631	2	RING-TORIC						
	6	1	156-4653	2	COLLAR-SEAL						
	7	1	156-5351	1	SHAFT-TRACK IDLER						
	8	1	156-8357	2	RETAINER AS						
					(EACH INCLUDES)						
		1	2A-3348	4	DOWEL						
		1	8P-4782	1	WASHER-THRUST						
	9	1	5P-8247	24	WASHER-HARD (17X32X3.5MM THK)						
	10	1	7B-1115	24	BOLT (5/8-11X1.625 IN)						



GRAPHIC #1

<END>

g00519785

UNDERCARRIAGE

187-1484 IDLER GP-TRACK

S/N: 7PZ387-UP

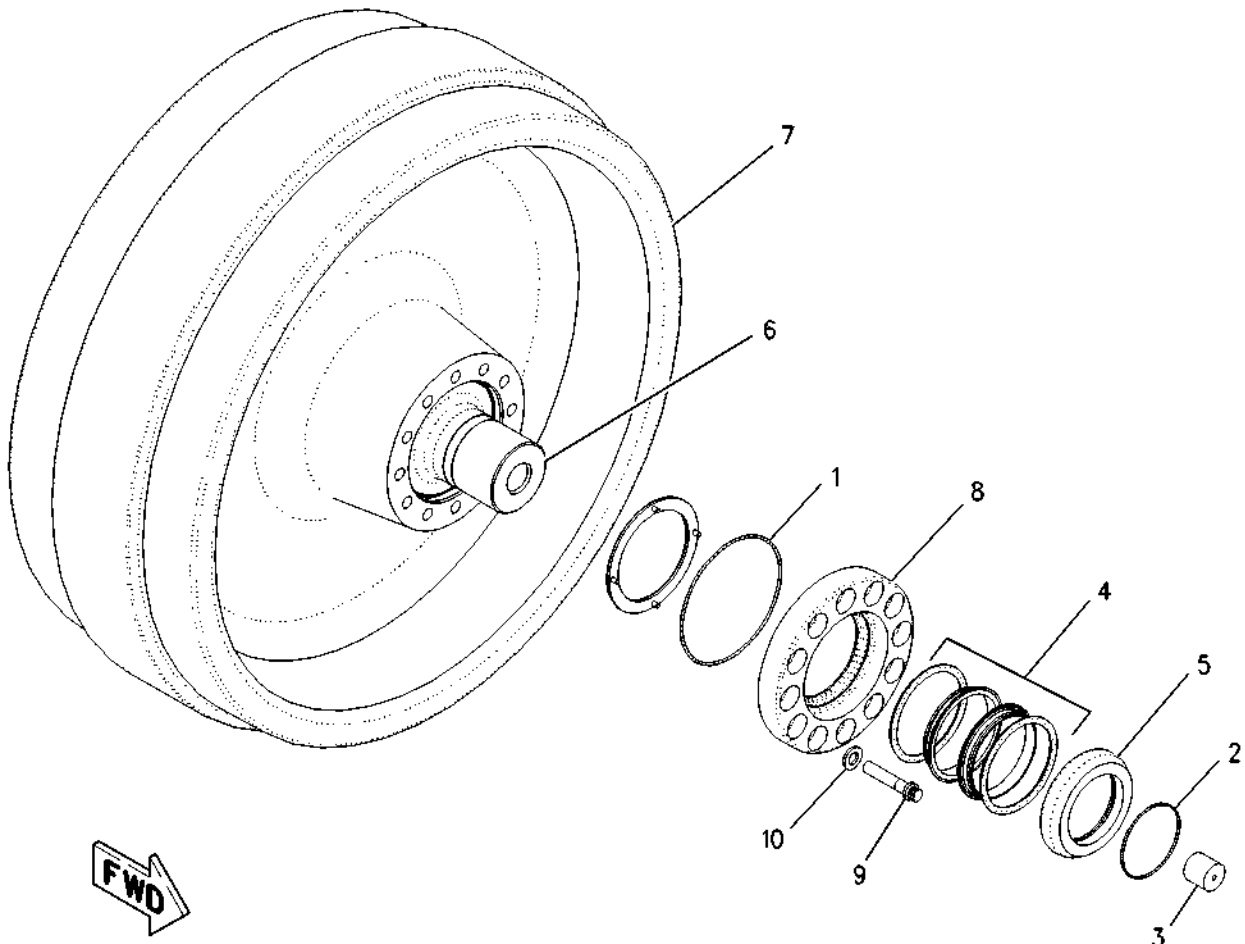
PART OF 139-7697, 179-2516, 179-2517 UNDERCARRIAGE AR
FIELD REPLACEMENT FOR 156-0313—PAGE 578

SMCS-4159

i01444559

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	2K-2939	2	SEAL-O-RING	
	2	1	3K-0715	2	SEAL-O-RING	
	3	1	6Y-0473	1	PLUG-CLEAR	
		1	9G-1368	1	STOP-RUBBER	
	4	1	155-9879	2	SEAL GP-DUO-CONE	
					(EACH INCLUDES)	
		1	160-6631	2	RING-TORIC	
	5	1	156-4653	2	COLLAR-SEAL	
	6	1	156-5351	1	SHAFT-TRACK IDLER	
	7	1	187-1011	1	IDLER & BEARING AS	
		1	148-3540	2	BEARING-SLEEVE	
	8	1	188-1452	2	RETAINER AS	
					(EACH INCLUDES)	
		1	2A-3348	4	DOWEL	
		1	8P-4782	1	WASHER-THRUST	
	9	1	7B-1115	24	BOLT (5/8-11X1.625 IN)	
	10	1	5P-8247	24	WASHER-HARD (17X32X3.5MM THK)	

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES



GRAPHIC #1

<END>

g00798194

UNDERCARRIAGE

161-9854 LINK AS-TRACK

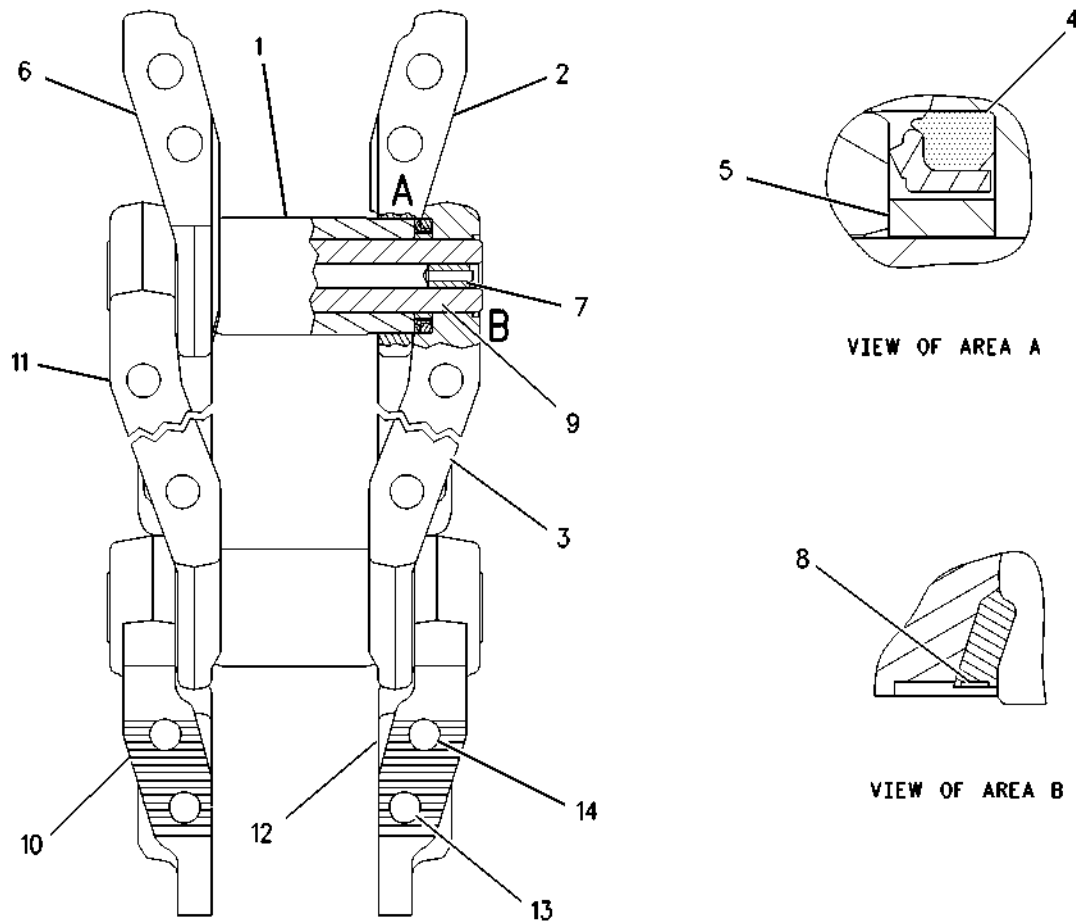
S/N: 7PZ1-UP

SEALED & LUBRICATED, POSITIVE PIN RETENTION
PART OF 143-1278, 143-1279, 143-1280 TRACK GP
ALSO AN ATTACHMENT

SMCS-4169, 4171

i01829244

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	161-9853	41	BUSHING-TRACK	
	2	1	6T-8053	1	LINK-MASTER-RH (BUSHING END)	
	3	1	6T-8049	40	LINK-TRACK (RH)	
	4	1	161-7546	82	SEAL AS	
	5	1	9W-9625	82	RING-THRUST	
	6	1	6T-8054	1	LINK-MASTER-LH (BUSHING END)	
	7	1	7G-4332	41	STOPPER	
		1	6Y-0473	41	PLUG-CLEAR	
	8	1	6Y-0472	82	RING-RETAINING	
	9	1	126-5343	41	PIN-TRACK	
	10	1	6T-8052	1	LINK-MASTER-LH (PIN END)	
	11	1	6T-8050	40	LINK-TRACK (LH)	
	12	1	6T-8051	1	LINK-MASTER-RH (PIN END)	
	13	1	6T-8520	2	BOLT-MASTER TRACK (1 3/8-12X7.2 IN)	
	14	1	6T-8521	2	BOLT-MASTER TRACK (1 3/8-12X6.0 IN)	



GRAPHIC #1

<END>

g00929353

UNDERCARRIAGE

183-9331 LINK AS-TRACK

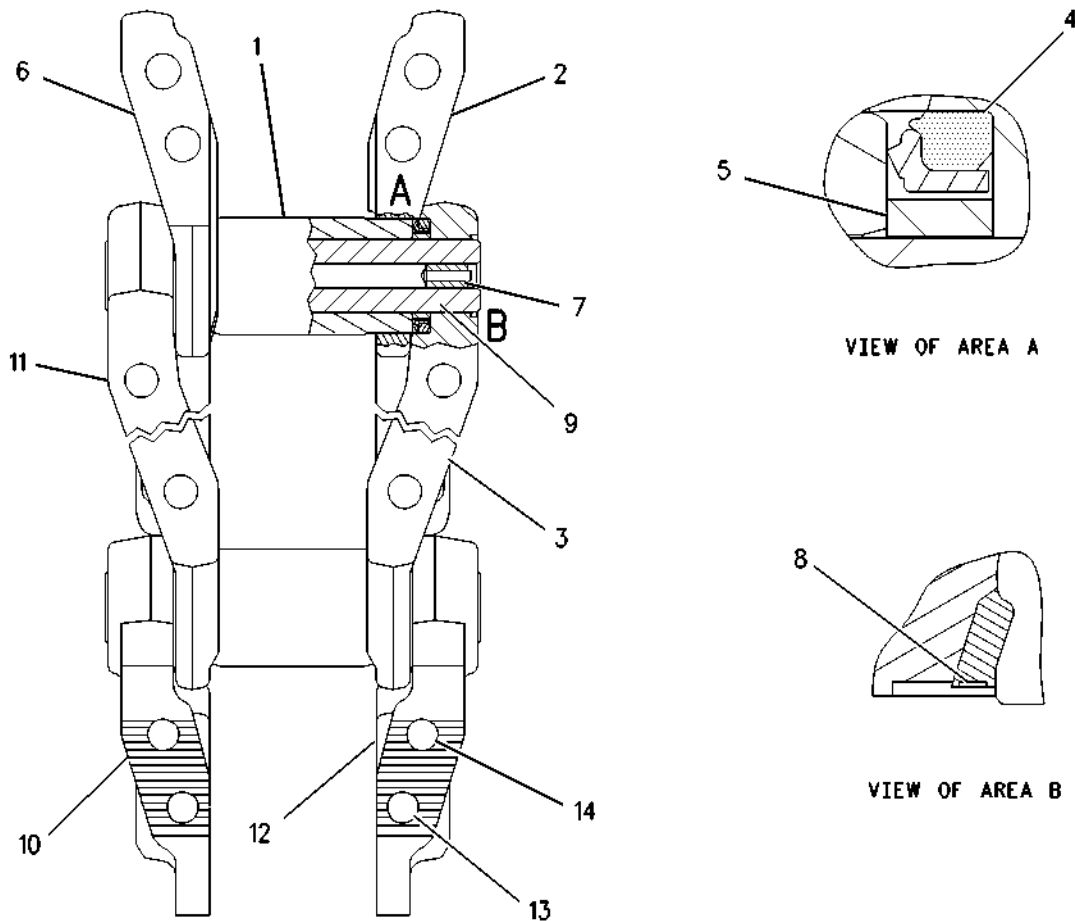
S/N: 7PZ1-508

SEALED & LUBRICATED, POSITIVE PIN RETENTION
PART OF 143-1278, 143-1279, 143-1280 TRACK GP
ALSO AN ATTACHMENT

SMCS-4169, 4171

i01829259

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	183-9330	41	BUSHING-TRACK	
	2	1	6T-8053	1	LINK-MASTER-RH (BUSHING END)	
	3	1	6T-8049	40	LINK-TRACK (RH)	
	4	1	161-7546	82	SEAL AS	
	5	1	9W-9625	82	RING-THRUST	
	6	1	6T-8054	1	LINK-MASTER-LH (BUSHING END)	
	7	1	7G-4332	41	STOPPER	
		1	6Y-0473	41	PLUG-CLEAR	
	8	1	6Y-0472	82	RING-RETAINING	
	9	1	126-5343	41	PIN-TRACK	
	10	1	6T-8052	1	LINK-MASTER-LH (PIN END)	
	11	1	6T-8050	40	LINK-TRACK (LH)	
	12	1	6T-8051	1	LINK-MASTER-RH (PIN END)	
	13	1	6T-8520	2	BOLT-MASTER TRACK (1 3/8-12X7.2 IN)	
	14	1	6T-8521	2	BOLT-MASTER TRACK (1 3/8-12X6.0 IN)	



GRAPHIC #1

<END>

g00929353

UNDERCARRIAGE

207-6162 LINK AS-TRACK

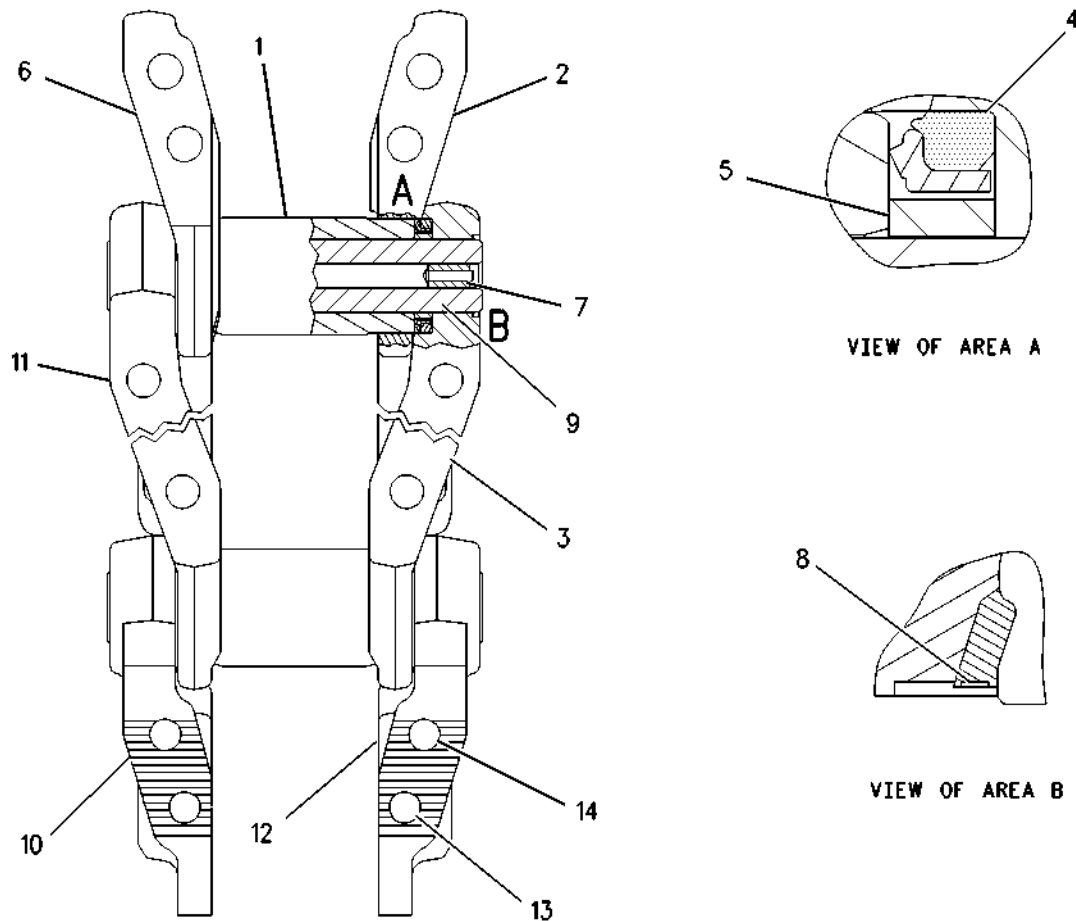
S/N: 7PZ509-UP

SEALED & LUBRICATED, POSITIVE PIN RETENTION
PART OF 143-1278, 143-1279, 143-1280 TRACK GP
ALSO AN ATTACHMENT

SMCS-4169, 4171

i01660310

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	202-0908	41	BUSHING-TRACK	
	2	1	6T-8053	1	LINK-MASTER-RH (BUSHING END)	
	3	1	6T-8049	40	LINK-TRACK (RH)	
	4	1	161-7546	82	SEAL AS	
	5	1	9W-9625	82	RING-THRUST	
	6	1	6T-8054	1	LINK-MASTER-LH (BUSHING END)	
	7	1	7G-4332	41	STOPPER	
		1	6Y-0473	41	PLUG-CLEAR	
	8	1	6Y-0472	82	RING-RETAINING	
	9	1	126-5343	41	PIN-TRACK	
	10	1	6T-8052	1	LINK-MASTER-LH (PIN END)	
	11	1	6T-8050	40	LINK-TRACK (LH)	
	12	1	6T-8051	1	LINK-MASTER-RH (PIN END)	
	13	1	6T-8520	2	BOLT-MASTER TRACK (1 3/8-12X7.2 IN)	
	14	1	6T-8521	2	BOLT-MASTER TRACK (1 3/8-12X6.0 IN)	



GRAPHIC #1

<END>

g00929353

UNDERCARRIAGE

215-7494 LINK AS-TRACK

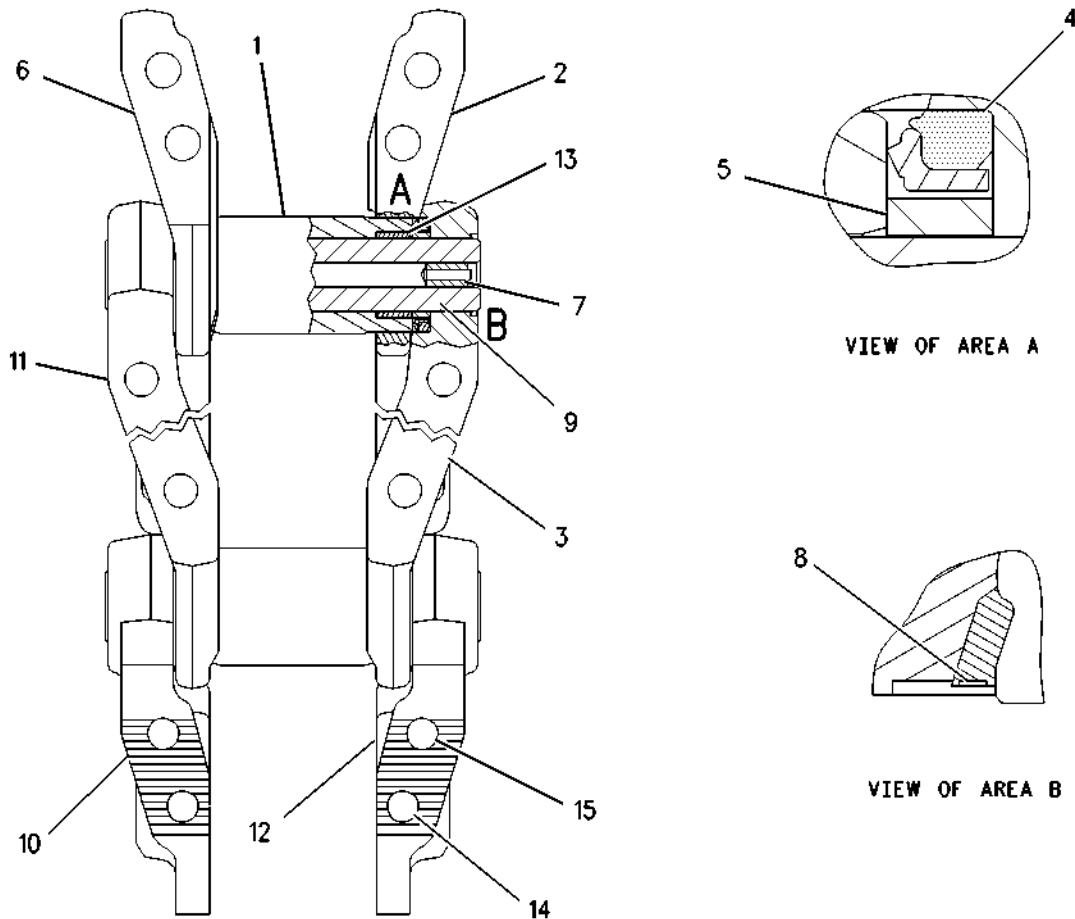
S/N: 7PZ675-UP

SEALED & LUBRICATED, POSITIVE PIN RETENTION, SLEEVE BEARING
PART OF 215-7495, 215-7496, 215-7497 TRACK GP
ALSO AN ATTACHMENT

SMCS-4169, 4171

i01829163

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	215-7493	41	BUSHING-TRACK	
	2	1	6T-8053	1	LINK-MASTER-RH (BUSHING END)	
	3	1	6T-8049	40	LINK-TRACK (RH)	
	4	1	161-7546	82	SEAL AS	
	5	1	9W-9625	82	RING-THRUST	
	6	1	6T-8054	1	LINK-MASTER-LH (BUSHING END)	
	7	1	7G-4332	41	STOPPER	
		1	6Y-0473	41	PLUG-CLEAR	
	8	1	6Y-0472	82	RING-RETAINING	
	9	1	126-5343	41	PIN-TRACK	
	10	1	6T-8052	1	LINK-MASTER-LH (PIN END)	
	11	1	6T-8050	40	LINK-TRACK (LH)	
	12	1	6T-8051	1	LINK-MASTER-RH (PIN END)	
	13	1	215-7492	82	BEARING-SLEEVE	
	14	1	6T-8520	2	BOLT-MASTER TRACK (1 3/8-12X7.2 IN)	
	15	1	6T-8521	2	BOLT-MASTER TRACK (1 3/8-12X6.0 IN)	



GRAPHIC #1

<END>

g00929384

UNDERCARRIAGE

215-7678 LINK AS-TRACK

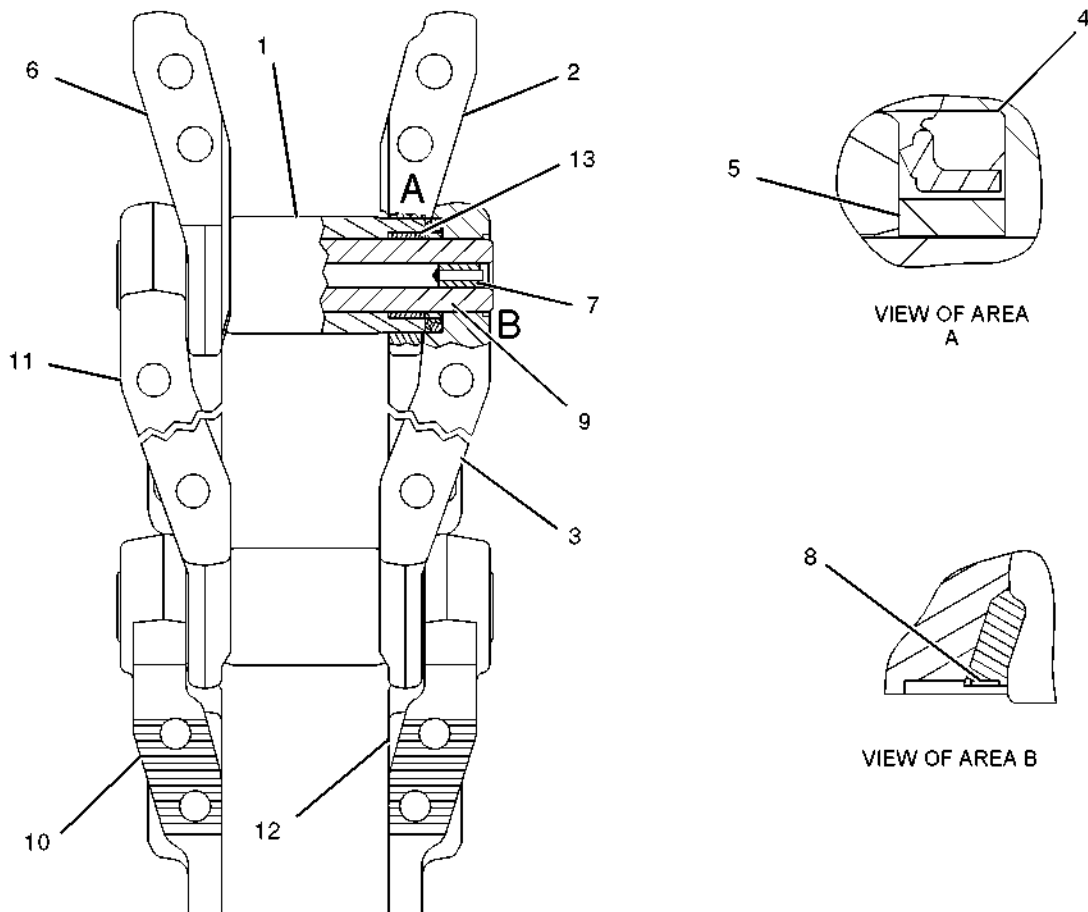
S/N: 7PZ1-UP

SEALED & LUBRICATED, POSITIVE PIN RETENTION, TALL LINK, SLEEVE BEARING
PART OF 216-0891 TRACK GP
AN ATTACHMENT

SMCS-4169, 4171

i01974377

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	215-7493	41	BUSHING-TRACK						
	2	1	231-4607	1	LINK-TRACK MASTER (BUSHING END, RH)						
	3	1	200-6325	40	LINK-TRACK (RH)						
	4	1	161-7546	82	SEAL AS						
	5	1	9W-9625	82	RING-THRUST						
	6	1	231-4608	1	LINK-TRACK MASTER (BUSHING END, LH)						
	7	1	6Y-0454	41	STOP AS						
					(EACH INCLUDES)						
		1	7G-4332	1	STOPPER						
		1	6Y-0473	1	PLUG-CLEAR						
	8	1	6Y-0472	82	RING-RETAINING						
	9	1	126-5343	41	PIN-TRACK						
	10	1	231-4606	1	LINK-TRACK MASTER (PIN END, LH)						
	11	1	200-6326	40	LINK-TRACK (LH)						
	12	1	231-4605	1	LINK-TRACK MASTER (PIN END, RH)						
	13	1	215-7492	82	BEARING-SLEEVE						



g01026547

UNDERCARRIAGE

225-3772 LINK AS-TRACK

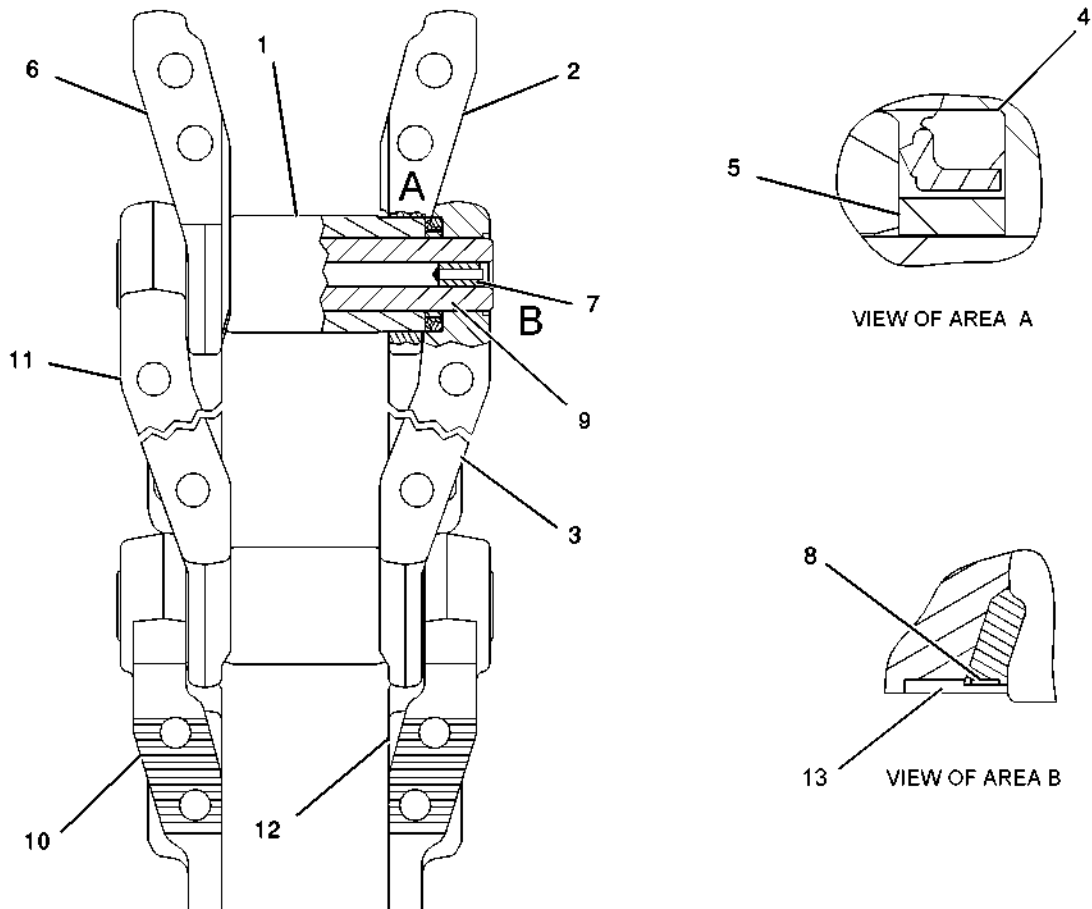
S/N: 7PZ1-UP

SEALED AND LUBRICATED, POSITIVE PIN RETENTION, SLEEVE BEARING, STAINLESS STEEL
FIELD INSTALLATION

SMCS-4169, 4171

i01980245

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	215-7493	41	BUSHING-TRACK	
	2	1	229-3527	1	LINK-TRACK MASTER (BUSHING END, RH)	
	3	1	120-8999	40	LINK-TRACK (RH)	
	4	1	161-7546	82	SEAL AS	
	5	1	9W-9625	82	RING-THRUST	
	6	1	229-3528	1	LINK-TRACK MASTER (BUSHING END, LH)	
	7	1	6Y-0454	41	STOP AS	
		1	6Y-0473	1	PLUG-CLEAR	
		1	7G-4332	1	STOPPER	
8	1	1	6Y-0472	82	RING-RETAINING	
9	1	1	126-5343	41	PIN-TRACK	
10	1	1	229-3526	1	LINK-TRACK MASTER (PIN END, LH)	
11	1	1	120-9000	40	LINK-TRACK (LH)	
12	1	1	229-3525	1	LINK-TRACK MASTER (PIN END, RH)	
13	1	1	215-7492	82	BEARING-SLEEVE	



GRAPHIC #1

<END>

g01026743

UNDERCARRIAGE

210-4729 LUBRICATION GP-EQUALIZER BAR

S/N: 7PZ564-UP

PART OF 155-5552 CHASSIS AR

SMCS-7206

i01964185

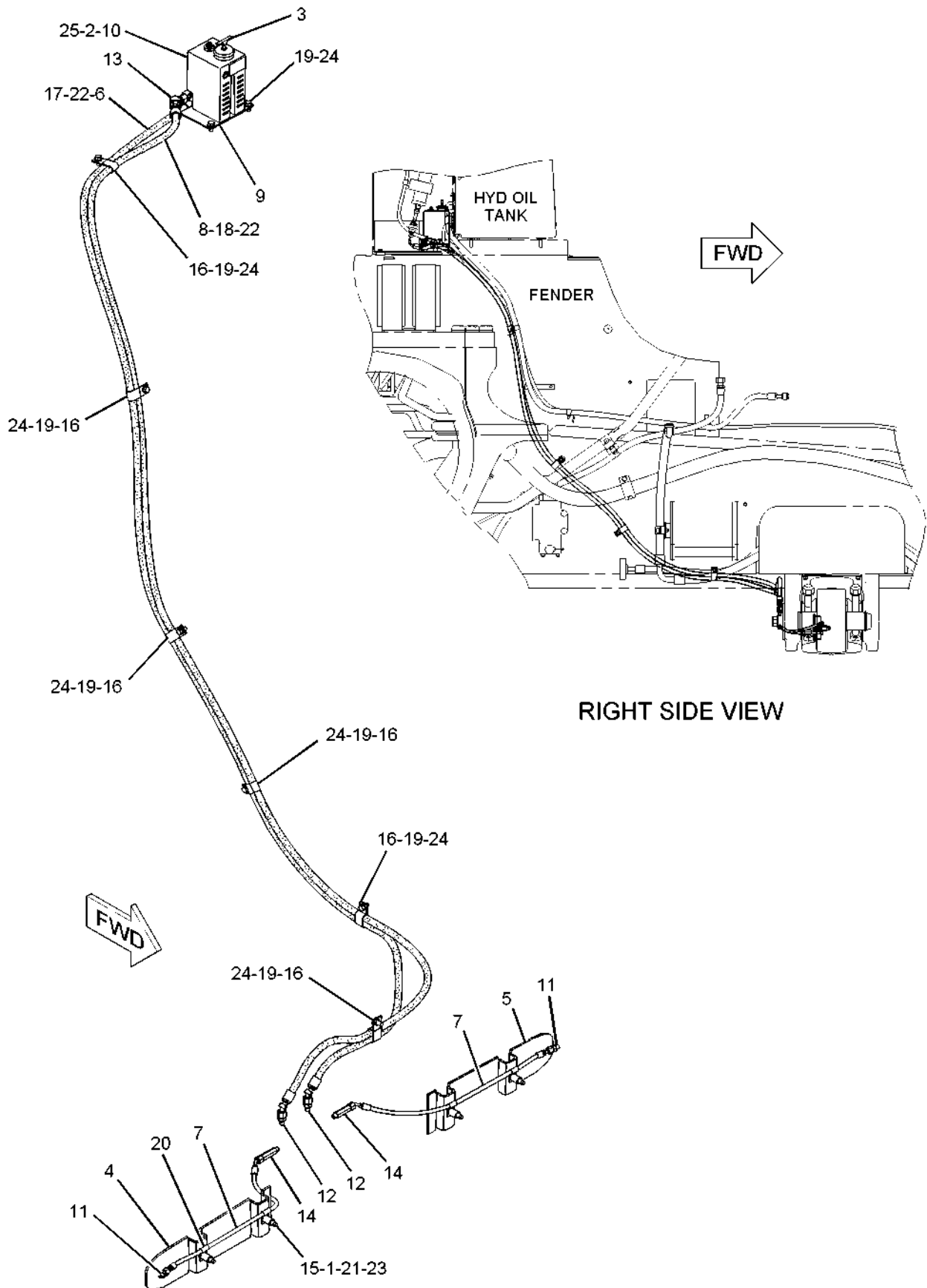
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2V-9923	4	SPACER (.50X.75X1.06IN THK)						
M	2	1	5C-9553	4	BOLT (M6X1X16MM)						
	3	1	5L-2952	1	CAP AS-OIL FILLER (LUBRICATION TANK)						
		1	6L-2609	1	SEAL-RUBBER						
	4	1	210-4730	1	PLATE						
	5	1	210-4731	1	PLATE						
I	6	1	210-4732	1	HOSE AS						
	7	1	210-4733	2	HOSE AS						
I	8	1	210-4734	1	HOSE AS						
	9	1	210-4735	1	PLATE						
	10	1	210-8580	1	TANK AS-LUBRICATION						
		1	2T-2305	2	ELBOW						
		1	6W-5698	1	GROMMET						
		1	198-7711	1	BREATHER (LUBRICATION TANK)						
	11	1	148-8316	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	6V-8647	1	CONNECTOR						
		1	3J-7354	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
	12	1	148-8326	2	CONNECTOR GP						
					(EACH INCLUDES)						
		1	6V-9872	1	CONNECTOR						
		1	3J-7354	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
	13	1	148-8371	1	ELBOW AS						
		1	8C-8988	1	ELBOW						
		1	6V-8397	1	SEAL-O-RING						
	14	1	150-4042	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	6V-9010	1	CONNECTOR-PORT						
		1	3J-7354	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
	15	1	3D-0472	4	STUD-TAPERLOCK						
	16	1	4D-7733	6	CLIP						
	17	1	4I-9521	2	BAND-HOSE (L1-RED)						
	18	1	4I-9525	2	BAND-HOSE (R1-ORANGE)						
	19	1	5M-3062	9	BOLT (3/8-16X0.75 IN)						
	20	1	6S-5993	4	CLIP						
	21	1	6V-8188	4	NUT (1/2-13 THD)						
	22	1	6V-8397	2	SEAL-O-RING						
	23	1	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)						
	24	1	8T-4896	9	WASHER-HARD (10.2X18.5X2.5MM THK)						
	25	1	9X-8256	4	WASHER (6.6X12X2MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

UNDERCARRIAGE

210-4729 LUBRICATION GP-EQUALIZER BAR (contd.)

i01964185



GRAPHIC #1

<END>

g01026404

UNDERCARRIAGE

9W-1699 LUBRICATION GP-PIVOT SHAFT

S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

SMCS-3286

i01988837

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-9004	1	ELBOW						
	2	1	3D-2824	2	SEAL-O-RING						
	3	1	6V-9746	2	SEAL-O-RING						
I	4	1	9W-1698	1	HOSE AS						
	5	1	8T-7529	2	CLIP						
	6	1	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)						
	7	1	5P-2228	2	BOLT (1/2-13X1 IN)						
	8	1	6V-9877	1	ELBOW						
E	9	1	5P-0739		HOSE (46CM)						
	10	1	5P-4566	1	ELBOW						
B	11	1	9W-1694	3	PAD						
	12	1	9W-1693	1	SUPPORT AS						
		1	2R-1694	2	SPACER						
	13	1	9U-9409	1	TANK (PIVOT SHAFT OIL)						
	14	1	8T-8917	2	BOLT (1/2-13X1.25 IN)						
	15	1	9W-1697	1	PLATE AS						
	16	1	9M-5732	1	RIVET-POP						
		1	4B-4274	1	WASHER (5.5X13X1.2MM THK)						
	17	1	4L-6454	2	BOLT (3/8-16X1 IN)						
		1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)						
	18	1	9W-1695	1	PAD						
	19	1	9W-8277	1	CAP AS-OIL LEVEL (PILOT SHAFT LUBRICATION BOTTLE)						
	20	1	3K-0360	1	SEAL-O-RING						
	21	1	5P-7175	1	FITTING-STRAIGHT						

B-USE AS REQUIRED

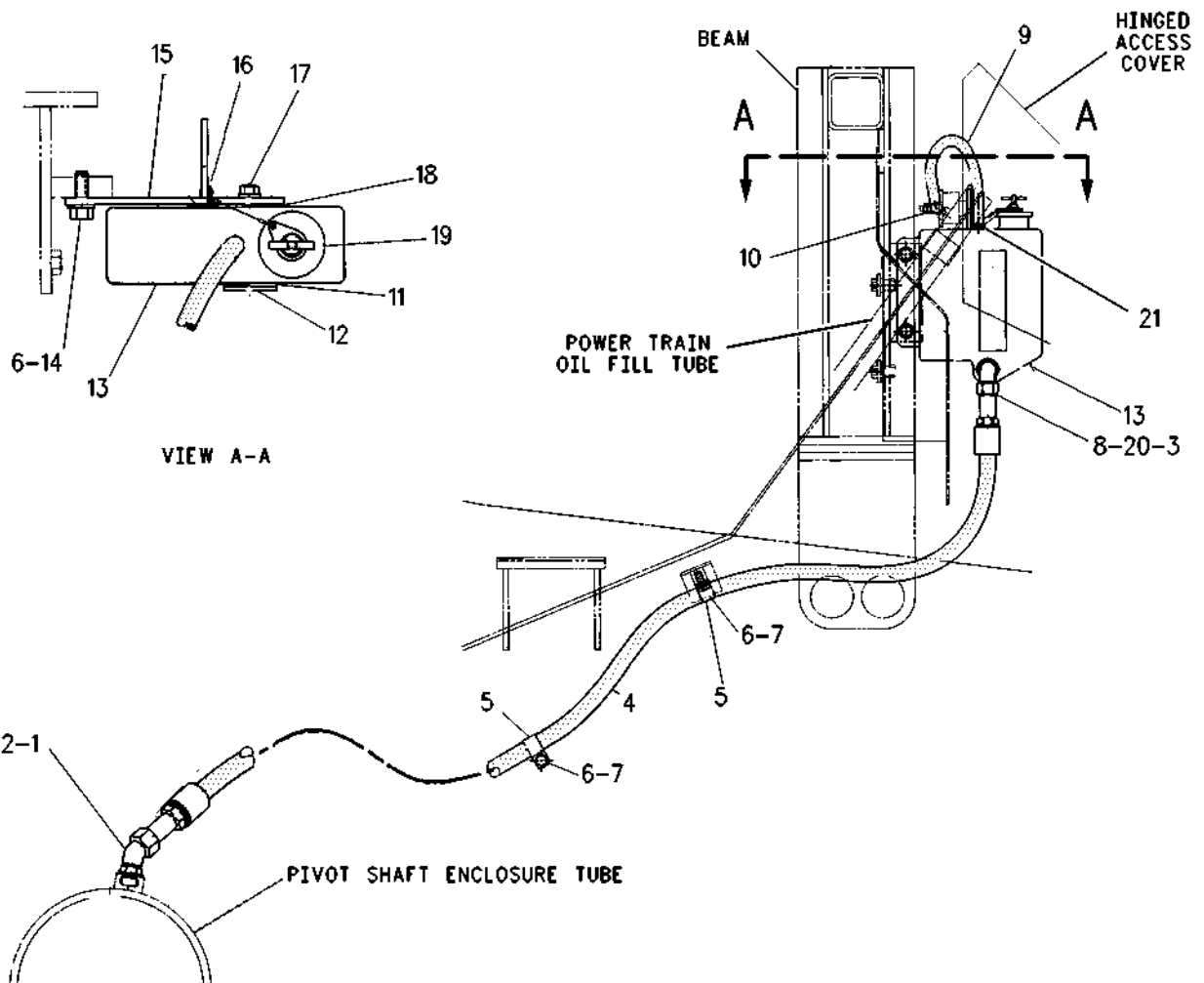
E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

UNDERCARRIAGE

9W-1699 LUBRICATION GP-PIVOT SHAFT (contd.)

i01988837



GRAPHIC #1

<END>

g00461447

UNDERCARRIAGE

9W-9626 RING AS-TRACK LINK

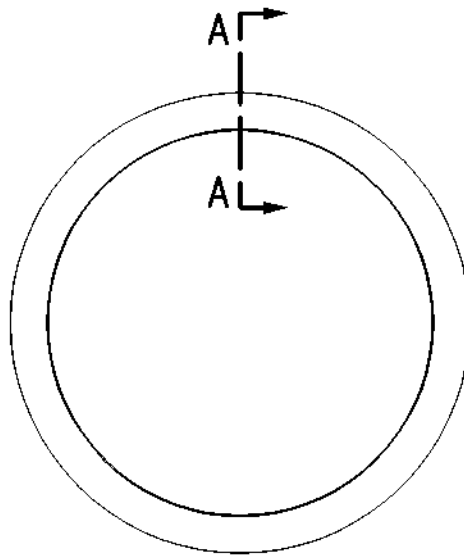
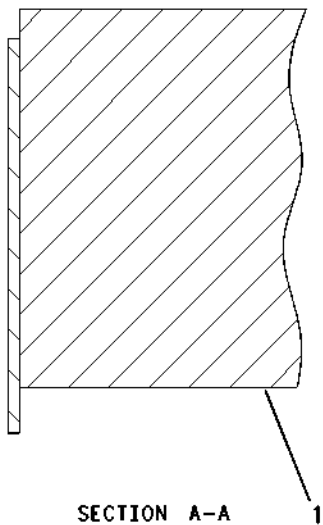
S/N: 7PZ1-UP

TO REPLACE THRUST WASHERS IN LINK AS
FIELD INSTALLATION

SMCS-4169

i01037902

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9W-9625	1	RING-THRUST						



GRAPHIC #1

<END>

g00533280

UNDERCARRIAGE

139-7720 ROLLER AS-TRACK CARRIER

S/N: 7PZ1-696

FOR USE WITH 139-2003-PAGE 522

AN ATTACHMENT

TYPE 1

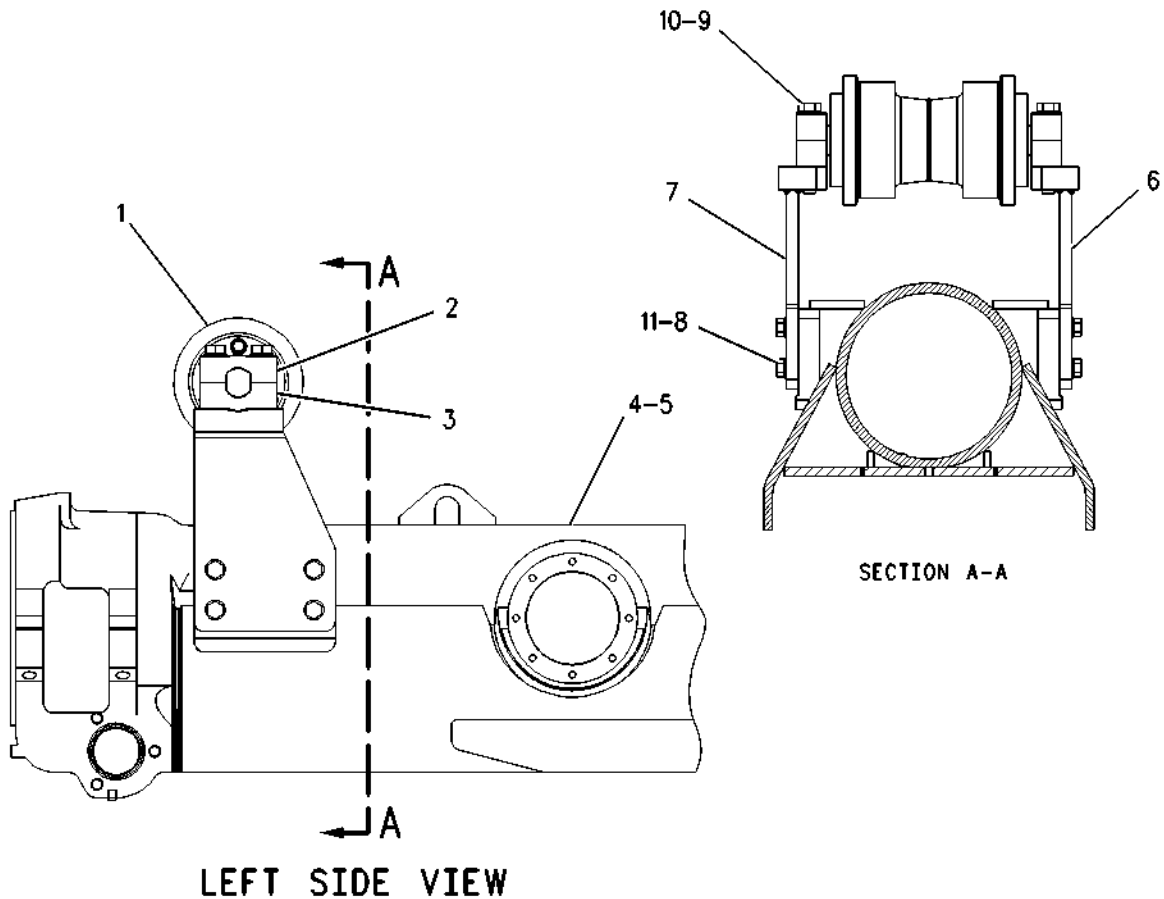
SMCS-4154

i01692400

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	6I-9717	2	ROLLER GP-TRACK-SINGLE FLANGE						598
	2	1	9W-7267	4	CAP AS-TRACK ROLLER						
					(EACH INCLUDES)						
		1	1T-0068	1	PIN-SPRING						
	3	1	9W-7268	4	CAP						
	4	1	175-6804	1	FRAME AS-ROLLER (RH)						
	5	1	175-6805	1	FRAME AS-ROLLER (LH)						
	6	1	187-3304	2	PLATE AS						
	7	1	187-3305	2	PLATE AS						
	8	1	7X-0405	16	BOLT (1-8X2.75 IN)						
	9	1	7X-0434	8	BOLT (1-1/4-7X8 IN)						
	10	1	7X-0533	8	WASHER-HARD (34X55X6MM THK)						
	11	1	8T-5361	16	WASHER-HARD (28X49X5MM THK)						

C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00673189

UNDERCARRIAGE

139-7720 ROLLER AS-TRACK CARRIER

S/N: 7PZ1-696

FOR USE WITH 139-2003-PAGE 522

AN ATTACHMENT

TYPE 2

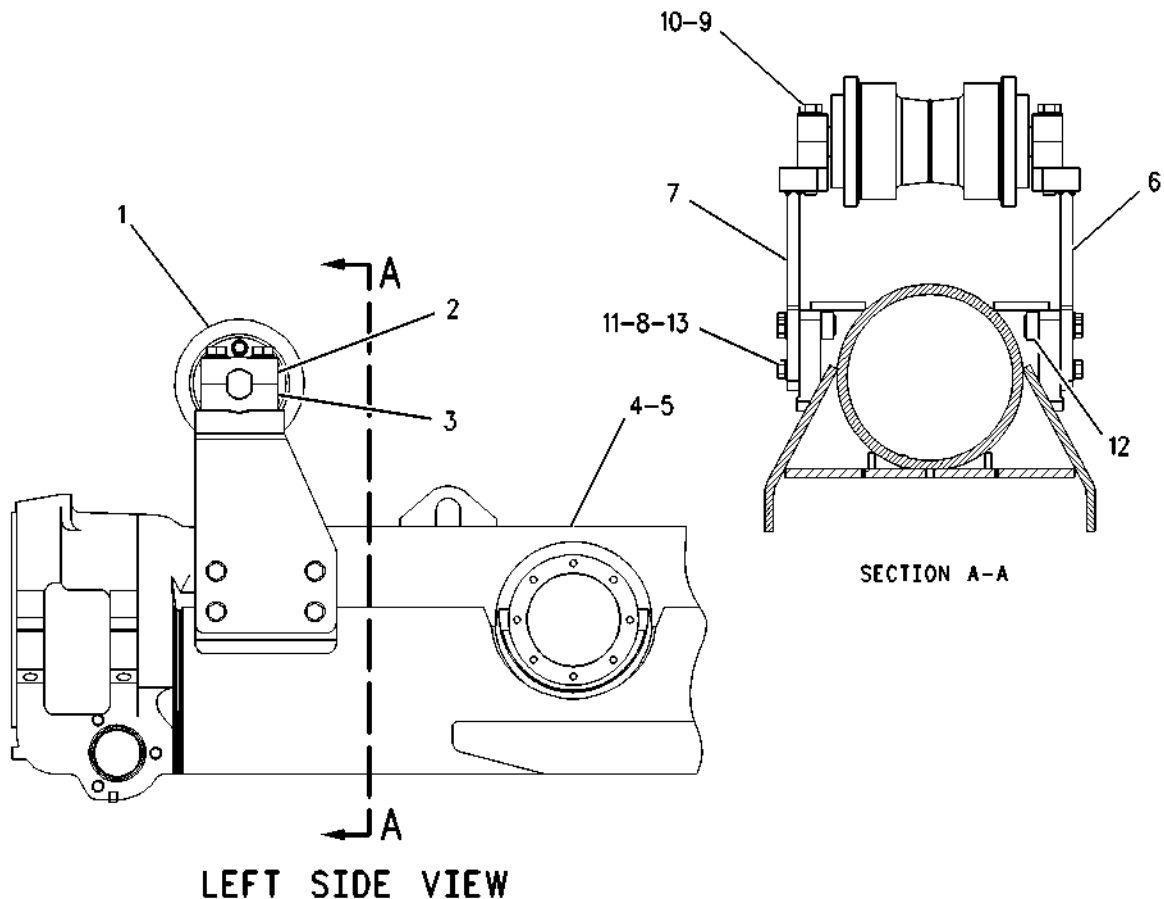
SMCS-4154

i01613005

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CY	1	1	184-6305	2	ROLLER GP-TRACK-SINGLE FLANGE	599
	2	1	9W-7267	4	CAP AS-TRACK ROLLER (EACH INCLUDES)	
		1	1T-0068	1	PIN-SPRING	
	3	1	9W-7268	4	CAP	
C	4	1	139-7721	1	FRAME AS-RH	
C	5	1	139-7722	1	FRAME AS-LH	
	6	1	203-2444	2	PLATE AS	
	7	1	203-2445	2	PLATE AS	
	8	1	7X-0405	12	BOLT (1-8X2.75 IN)	
	9	1	7X-0434	8	BOLT (1-1/4-7X8 IN)	
	10	1	7X-0533	8	WASHER-HARD (34X55X6MM THK)	
	11	1	8T-5361	24	WASHER-HARD (28X49X5MM THK)	
	12	1	203-2446	4	BAR	
	13	1	7X-0412	12	BOLT (1-8X4.75 IN)	

C- CHANGE FROM PREVIOUS TYPE

Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00837299

UNDERCARRIAGE

139-7720 ROLLER AR-TRACK CARRIER

S/N: 7PZ697-UP

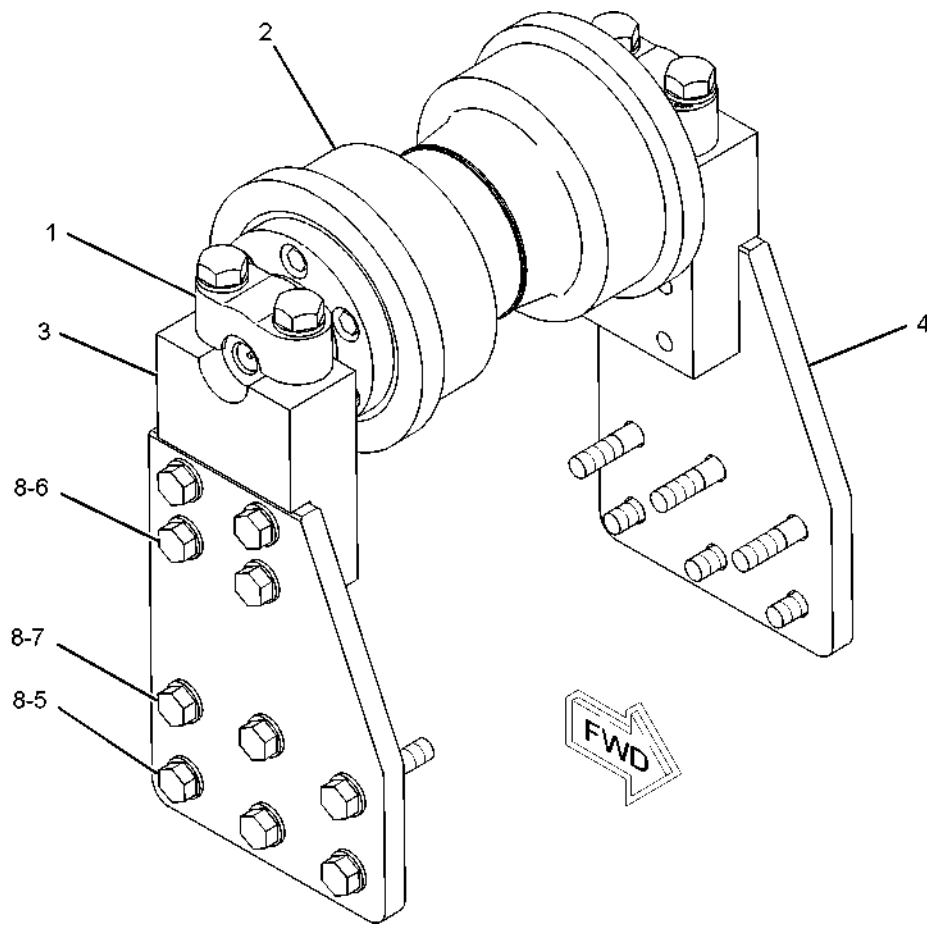
FOR USE WITH 139-2003-PAGE 522
AN ATTACHMENT

SMCS-4154

i01967617

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	9W-7266	4	CAP GP-TRACK ROLLER						552
Y	2	1	184-6305	2	ROLLER GP-TRACK-SINGLE FLANGE						599
C	3	1	224-5918	4	BLOCK						
C	4	1	224-5919	2	PLATE						
	5	1	7X-0405	12	BOLT (1-8X2.75 IN)						
C	6	1	7X-0408	16	BOLT (1-8X3.5 IN)						
	7	1	7X-0412	12	BOLT (1-8X4.75 IN)						
C	8	1	8T-5361	40	WASHER-HARD (28X49X5MM THK)						

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01025356

UNDERCARRIAGE

175-6807 ROLLER AS-TRACK CARRIER

S/N: 7PZ1-404

GUARD READY

FOR USE WITH 139-2003-PAGE 522

AN ATTACHMENT

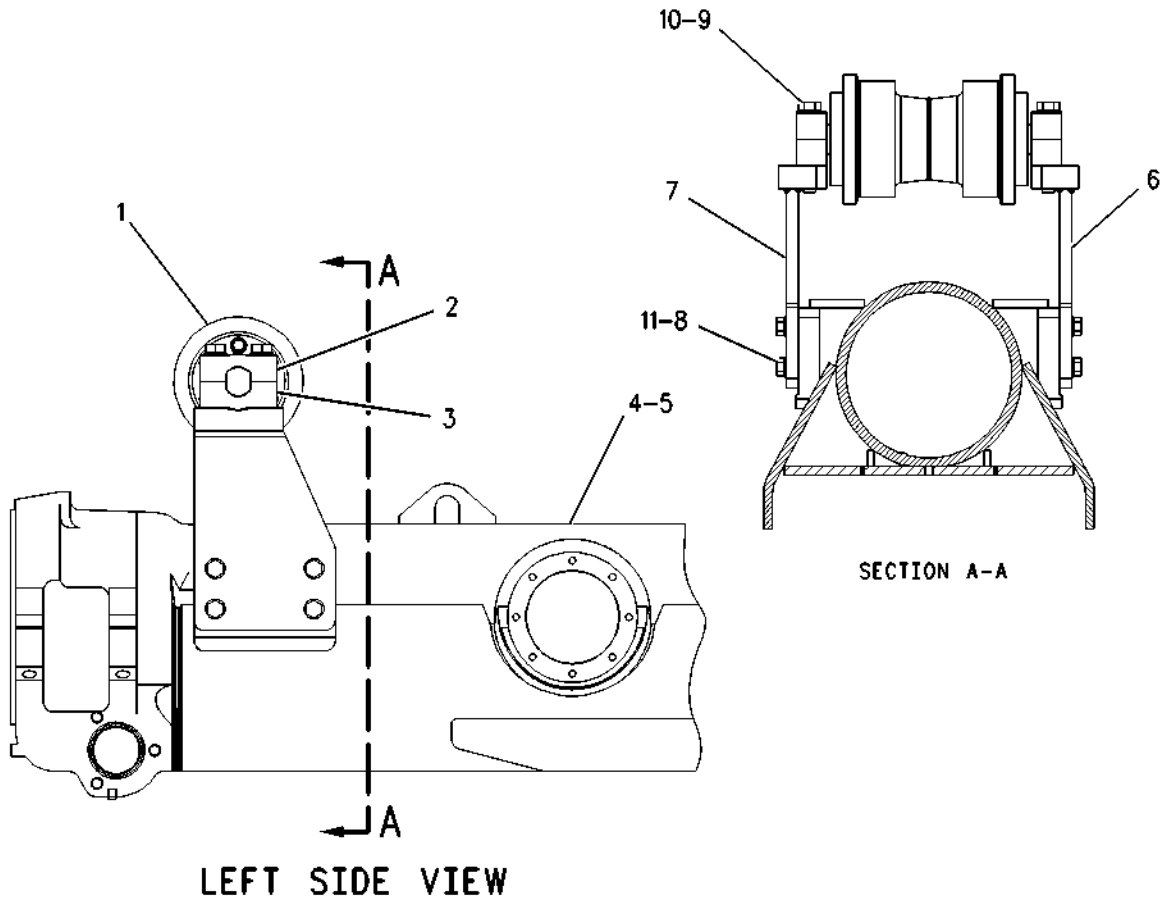
TYPE 1

SMCS-4154

i01563628

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	6I-9717	2	ROLLER GP-TRACK-SINGLE FLANGE						598
	2	1	9W-7267	4	CAP AS-TRACK ROLLER						
					(EACH INCLUDES)						
		1	1T-0068	1	PIN-SPRING						
	3	1	9W-7268	4	CAP						
	4	1	139-7721	1	FRAME AS-RH						
	5	1	139-7722	1	FRAME AS-LH						
	6	1	187-3304	2	PLATE AS						
	7	1	187-3305	2	PLATE AS						
	8	1	7X-0405	16	BOLT (1-8X2.75 IN)						
	9	1	7X-0434	8	BOLT (1-1/4-7X8-1/2 IN)						
	10	1	7X-0533	8	WASHER-HARD (34X55X6MM THK)						
	11	1	8T-5361	16	WASHER-HARD (28X49X5MM THK)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00673189

UNDERCARRIAGE

175-6807 ROLLER AS-TRACK CARRIER

S/N: 7PZ1-404

GUARD READY

FOR USE WITH 139-2003-PAGE 522

AN ATTACHMENT

TYPE 2

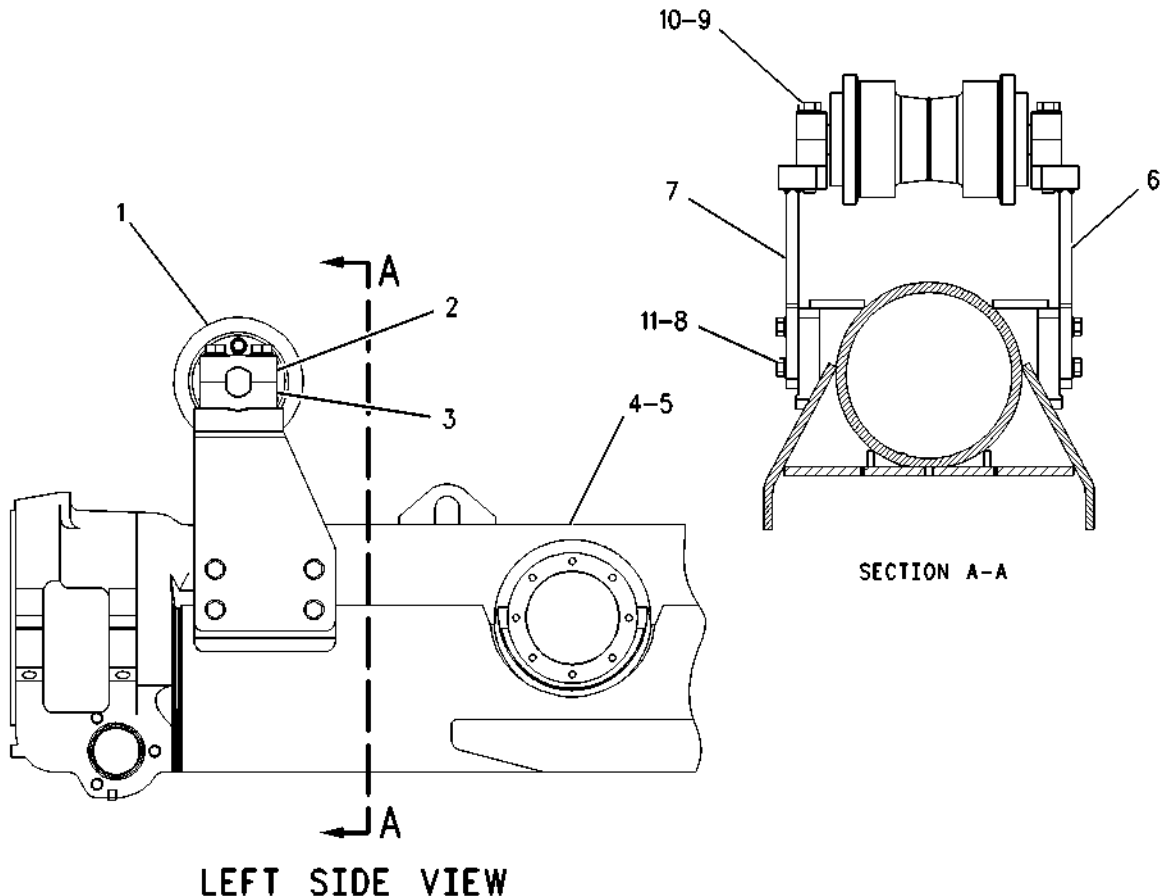
SMCS-4154

i01563632

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	184-6305	2	ROLLER GP-TRACK-SINGLE FLANGE						599
	2	1	9W-7267	4	CAP AS-TRACK ROLLER						
(EACH INCLUDES)											
		1	1T-0068	1	PIN-SPRING						
	3	1	9W-7268	4	CAP						
	4	1	139-7721	1	FRAME AS-RH						
	5	1	139-7722	1	FRAME AS-LH						
	6	1	187-3304	2	PLATE AS						
	7	1	187-3305	2	PLATE AS						
	8	1	7X-0405	16	BOLT (1-8X2.75 IN)						
	9	1	7X-0434	8	BOLT (1-1/4-7X8-1/2 IN)						
	10	1	7X-0533	8	WASHER-HARD (34X55X6MM THK)						
	11	1	8T-5361	16	WASHER-HARD (28X49X5MM THK)						

C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00673189

UNDERCARRIAGE

6I-9718 ROLLER GP-TRACK-DOUBLE FLANGE

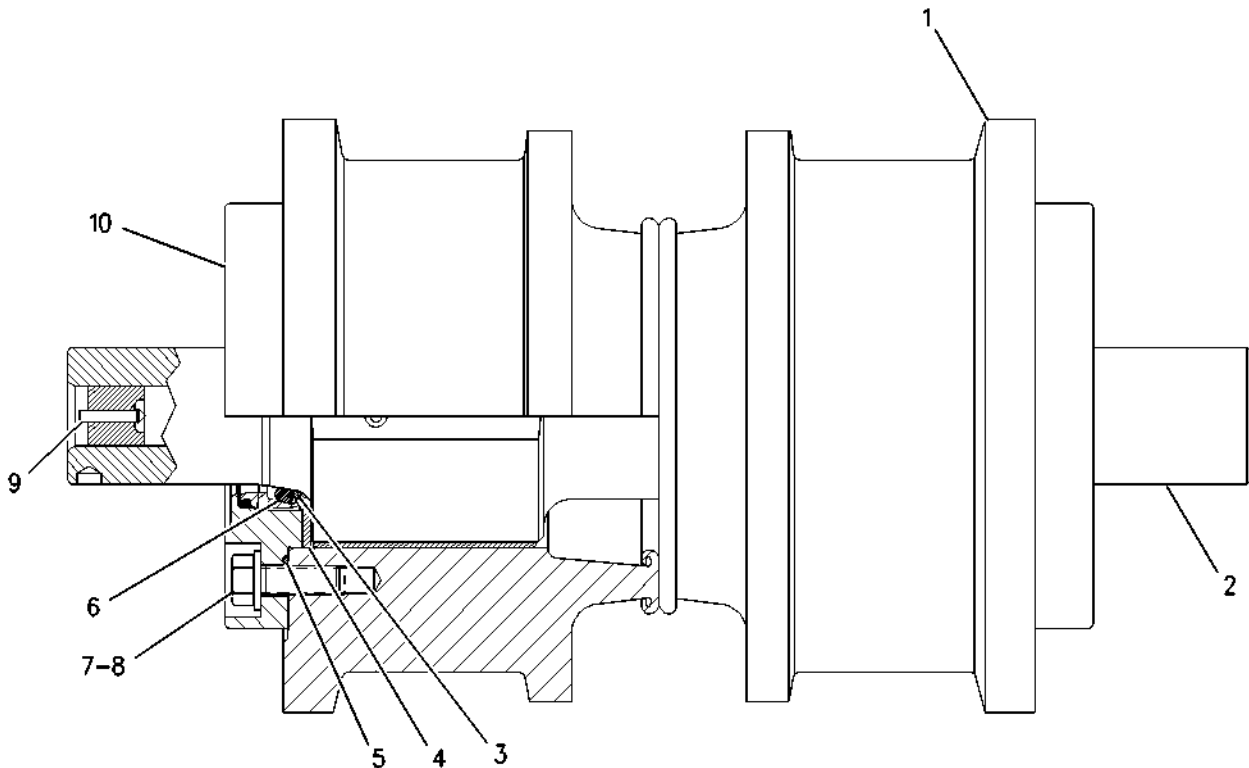
S/N: 7PZ1-UP

PART OF 139-7697 UNDERCARRIAGE AR

SMCS-4180

i01563636

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-9716	1	ROLLER & BEARING AS						
		1	9W-4194	2	BEARING-SLEEVE						
	2	1	146-3583	1	SHAFT-TRACK ROLLER						
	3	1	6T-5246	2	STABILIZER-SEAL						
	4	1	8E-6644	2	WASHER-THRUST (102X142.5X4.52MM THK)						
	5	1	8F-8733	2	SEAL-O-RING						
	6	1	7T-0157	2	SEAL GP-DUO-CONE						
					(EACH INCLUDES)						
		1	6V-2698	1	SEAL-O-RING						
		1	8H-2262	1	RING-TORIC						
	7	1	5P-8247	12	WASHER-HARD (17X32X3.5MM THK)						
	8	1	0S-1589	12	BOLT (5/8-11X1.75 IN)						
	9	1	9G-4872	1	STOPPER-RUBBER						
		1	6Y-0473	1	PLUG-CLEAR						
	10	1	6I-9710	2	RETAINER						



GRAPHIC #1

<END>

g00653419

UNDERCARRIAGE

184-6306 ROLLER GP-TRACK-DOUBLE FLANGE

S/N: 7PZ1-UP

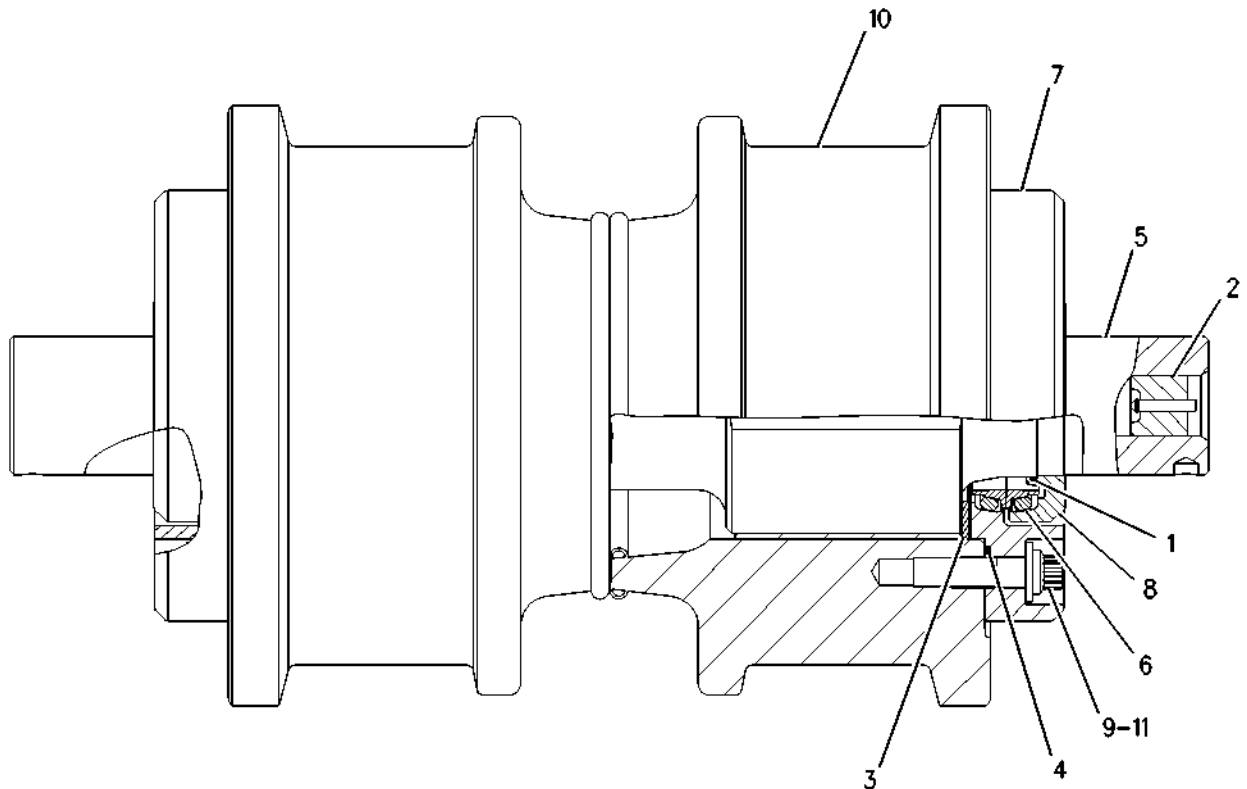
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PART OF 139-7697, 179-2516, 179-2517 UNDERCARRIAGE AR

SMCS-4180

i01900407

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7R-8872	2	SEAL-O-RING						
	2	1	6Y-0473	1	PLUG-CLEAR						
		1	9G-4872	1	STOPPER-RUBBER						
	3	1	8E-6644	2	WASHER-THRUST (102X142.5X4.52MM THK)						
	4	1	8F-8733	2	SEAL-O-RING						
	5	1	155-2048	1	SHAFT-TRACK ROLLER						
	6	1	162-7864	2	SEAL GP-DUO-CONE						
					(EACH INCLUDES)						
		1	162-2168	2	RING-TORIC						
	7	1	180-4995	2	RETAINER						
	8	1	184-2607	2	COLLAR-SEAL						
	9	1	031-1382	12	BOLT-12 POINT HEAD (5/8-11X2.5 IN)						
	10	1	186-5318	1	ROLLER & BEARING AS						
		1	9W-4194	2	BEARING-SLEEVE						
	11	1	5P-8247	12	WASHER-HARD (17X32X3.5MM THK)						



GRAPHIC #1

<END>

g00989157

UNDERCARRIAGE

6I-9717 ROLLER GP-TRACK-SINGLE FLANGE

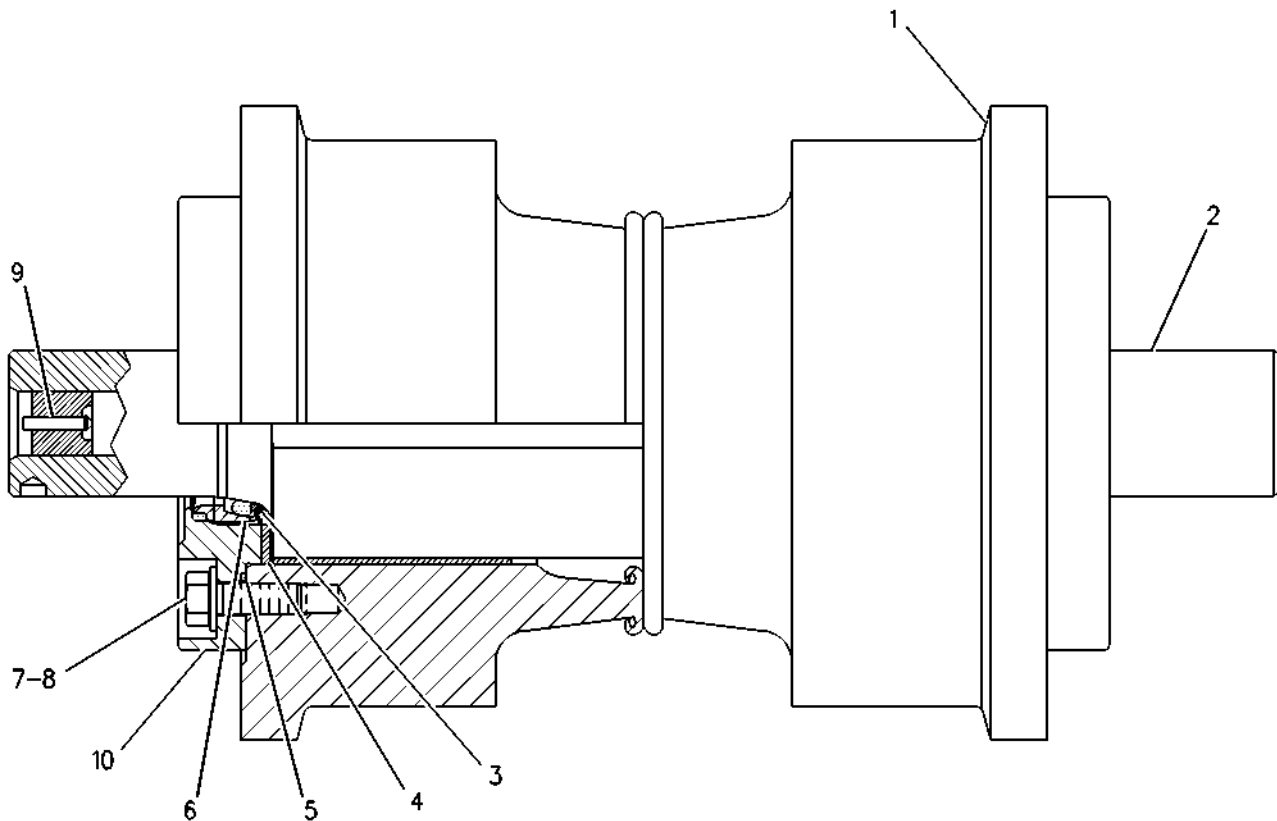
S/N: 7PZ1-386

PART OF 139-7720, 175-6807 ROLLER AR-TRACK CARRIER, 139-7697 UNDERCARRIAGE AR
ALSO AN ATTACHMENT

SMCS-4180

i01563685

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-9715	1	ROLLER & BEARING AS						
		1	9W-4194	2	BEARING-SLEEVE						
	2	1	146-3583	1	SHAFT-TRACK ROLLER						
	3	1	6T-5246	2	STABILIZER-SEAL						
	4	1	8E-6644	2	WASHER-THRUST (102X142.5X4.52MM THK)						
	5	1	8F-8733	2	SEAL-O-RING						
	6	1	7T-0157	2	SEAL GP-DUO-CONE						
					(EACH INCLUDES)						
		1	6V-2698	1	SEAL-O-RING						
		1	8H-2262	1	RING-TORIC						
	7	1	5P-8247	12	WASHER-HARD (17X32X3.5MM THK)						
	8	1	0S-1589	12	BOLT (5/8-11X1.75 IN)						
	9	1	9G-4872	1	STOPPER-RUBBER						
		1	6Y-0473	1	PLUG-CLEAR						
	10	1	6I-9710	2	RETAINER						



GRAPHIC #1

<END>

g00257750

UNDERCARRIAGE

184-6305 ROLLER GP-TRACK-SINGLE FLANGE

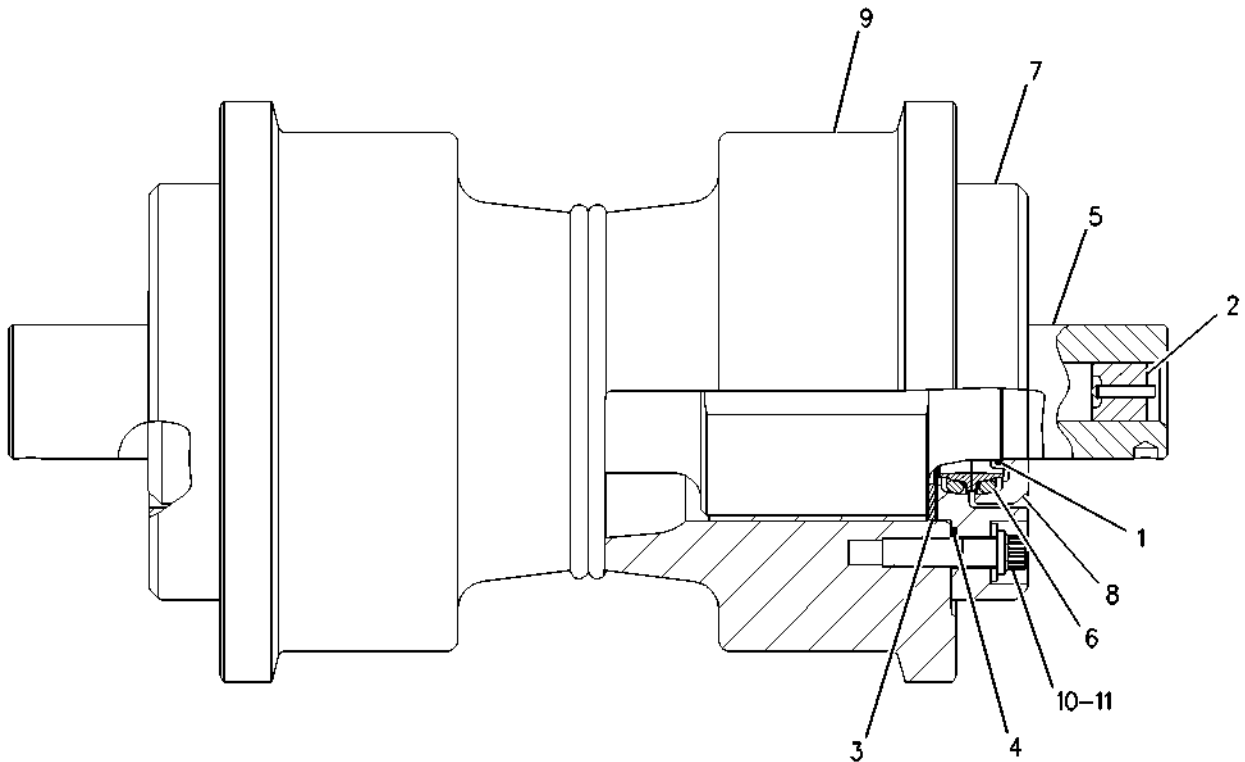
S/N: 7PZ1-UP

PART OF 139-7720, 175-6807 ROLLER AR-TRACK CARRIER, 139-7697, 179-2516, 179-2517
UNDERCARRIAGE AR
ALSO AN ATTACHMENT

SMCS-4180

i01900406

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7R-8872	2	SEAL-O-RING						
	2	1	6Y-0473	1	PLUG-CLEAR						
		1	9G-4872	1	STOPPER-RUBBER						
	3	1	8E-6644	2	WASHER-THRUST (102X142.5X4.52MM THK)						
	4	1	8F-8733	2	SEAL-O-RING						
	5	1	155-2048	1	SHAFT-TRACK ROLLER						
	6	1	162-7864	2	SEAL GP-DUO-CONE						
					(EACH INCLUDES)						
		1	162-2168	2	RING-TORIC						
	7	1	180-4995	2	RETAINER						
	8	1	184-2607	2	COLLAR-SEAL						
	9	1	186-5319	1	ROLLER & BEARING AS						
		1	9W-4194	2	BEARING-SLEEVE						
	10	1	031-1382	12	BOLT-12 POINT HEAD (5/8-11X2.5 IN)						
	11	1	5P-8247	12	WASHER-HARD (17X32X3.5MM THK)						



GRAPHIC #1

<END>

g00663441

UNDERCARRIAGE

161-7548 SEAL GP - TRACK

S/N: 7PZ1-UP
FIELD INSTALLATION

SMCS-4175

i01232771

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	161-7546	82	SEAL AS						
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UNDERCARRIAGE

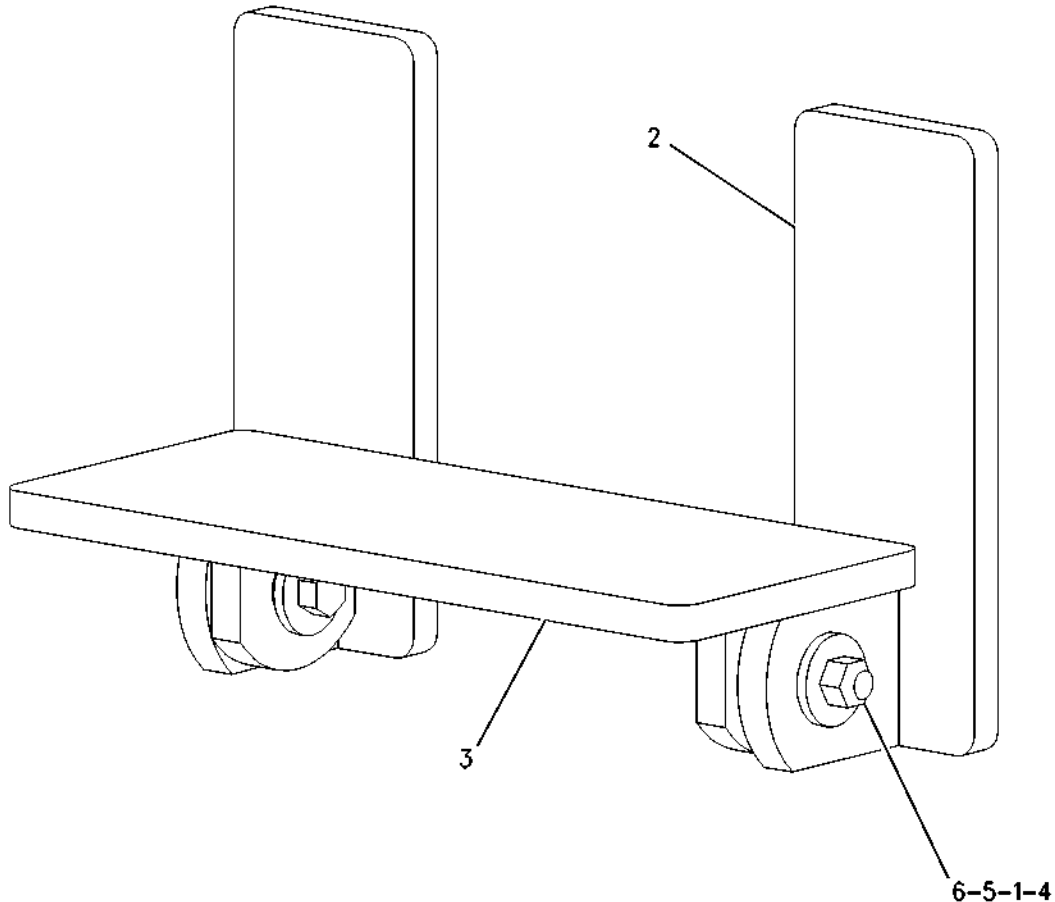
196-1363 STOP GP-EQUALIZER BAR

S/N: 7PZ1-UP
FIELD INSTALLATION

SMCS-7206

i01615135

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1F-1560	2	SPACER (.53X1X1.5 IN THK)						
	2	1	194-5047	2	HINGE AS						
	3	1	194-5050	1	PLATE AS						
	4	1	1A-5822	2	BOLT (1/2-13X2.75 IN)						
	5	1	6V-6563	4	WASHER (13.5X40X5MM THK)						
	6	1	6V-8188	2	NUT (1/2-13 THD)						



GRAPHIC #1

<END>

g00849714

UNDERCARRIAGE

139-7709 SUSPENSION GP-BOGIE-RH, LH

S/N: 7PZ1-410

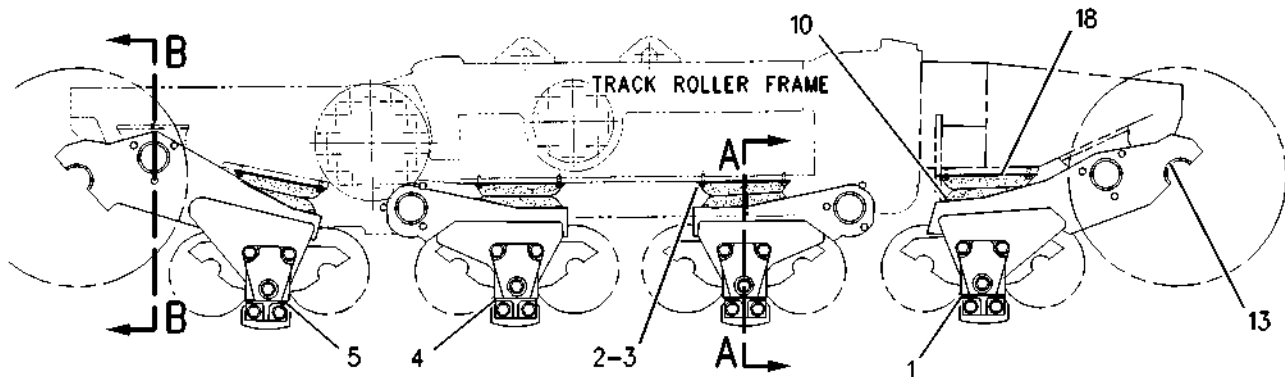
PART OF 139-7697 UNDERCARRIAGE AR

SMCS-7217

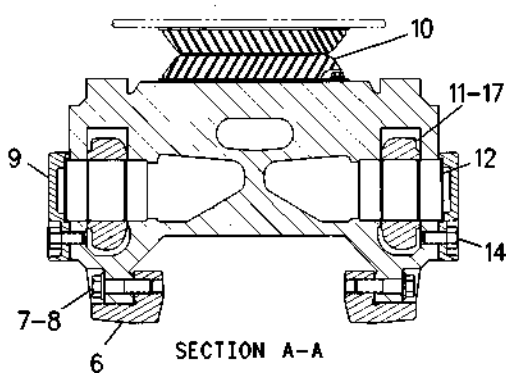
i01429998

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	128-7256	2	BOGIE AS-FRONT						
	2	1	5P-2228	64	BOLT (1/2-13X1 IN)						
	3	1	5P-1076	64	WASHER-HARD (13.5X30X4MM THK)						
	4	1	9W-7871	4	BOGIE AS-MIDDLE						
	5	1	128-7255	2	BOGIE AS-REAR						
	6	1	7T-0084	16	GUIDE						
	7	1	8T-8927	32	BOLT (1-8X3.75 IN)						
	8	1	8T-5361	32	WASHER-HARD (28X49X5MM THK)						
	9	1	9P-9990	16	RETAINER-GUARD						
	10	1	3P-2482	14	PAD AS-RESILIENT						
	11	1	138-4151	8	BOGIE-MINOR-RH (TRACK ROLLER FRAME)						
	12	1	7T-9311	32	PIN AS-CARTRIDGE						
	13	1	3T-9075	8	INSERT						
	14	1	8S-4756	48	BOLT (1-14X1.75 IN)						
	15	1	9P-9993	16	PLATE-RETAINER						
	16	1	5P-9957	16	RING-RETAINING						
	17	1	138-4152	8	BOGIE-MINOR-LH (TRACK ROLLER FRAME)						
	18	1	7T-5959	2	PAD AS-RESILIENT						

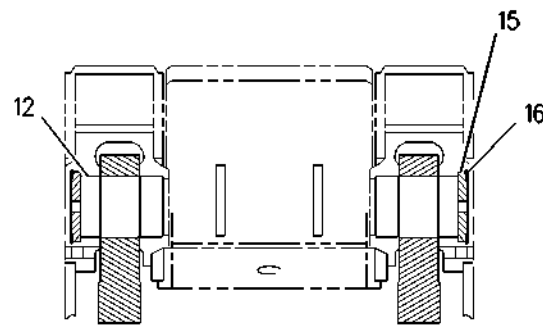
QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES



RIGHT SIDE VIEW



SECTION A-A



SECTION B-B

GRAPHIC #1

<END>

g00606772

UNDERCARRIAGE

139-7709 SUSPENSION GP-BOGIE-RH, LH

S/N: 7PZ411-UP

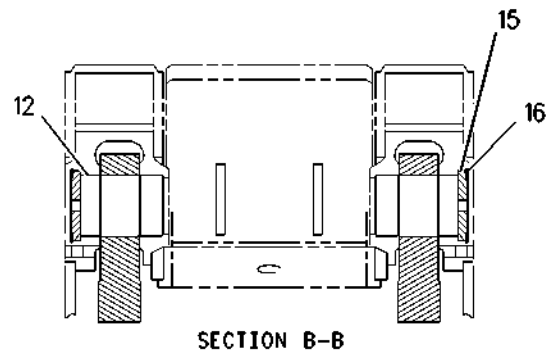
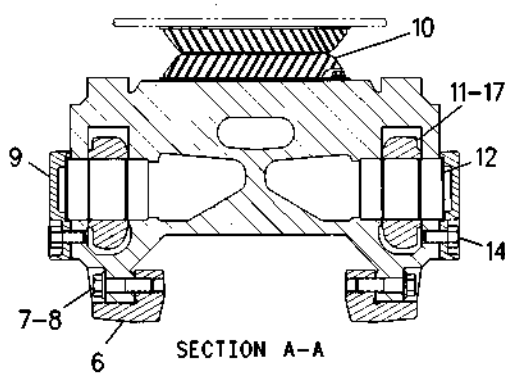
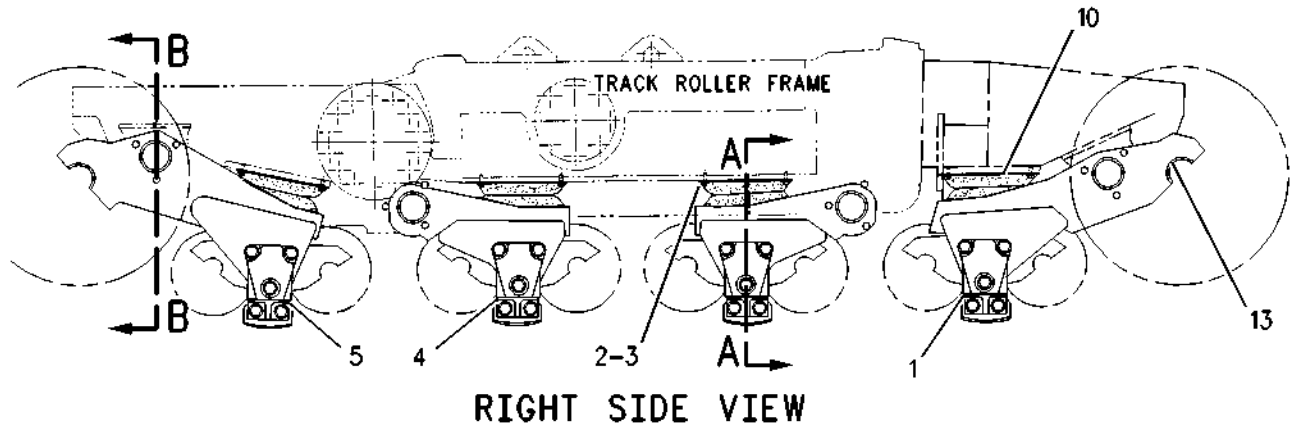
PART OF 139-7697 UNDERCARRIAGE AR

SMCS-7217

i02023817

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	128-7256	2	BOGIE AS-FRONT	
	2	1	5P-2228	64	BOLT (1/2-13X1-IN)	
	3	1	5P-1076	64	WASHER-HARD (13.5X30X4-MM THK)	
	4	1	9W-7871	4	BOGIE AS-MIDDLE	
	5	1	128-7255	2	BOGIE AS-REAR	
C	6	1	184-4397	16	GUIDE	
	7	1	8T-8927	32	BOLT (1-8X3.75-IN)	
	8	1	8T-5361	32	WASHER-HARD (28X49X5-MM THK)	
	9	1	9P-9990	16	RETAINER-GUARD	
	10	1	3P-2482	16	PAD AS-RESILIENT	
	11	1	138-4151	8	BOGIE-MINOR-RH (TRACK ROLLER FRAME)	
	12	1	7T-9311	32	PIN AS-CARTRIDGE	
	13	1	3T-9075	8	INSERT	
	14	1	8S-4756	48	BOLT (1-14X1.75-IN)	
	15	1	9P-9993	16	PLATE-RETAINER	
	16	1	5P-9957	16	RING-RETAINING	
	17	1	138-4152	8	BOGIE-MINOR-LH (TRACK ROLLER FRAME)	

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES
C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00797791

UNDERCARRIAGE

179-2512 SUSPENSION GP-BOGIE-RH

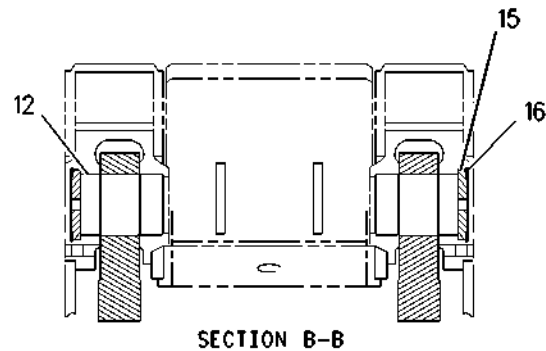
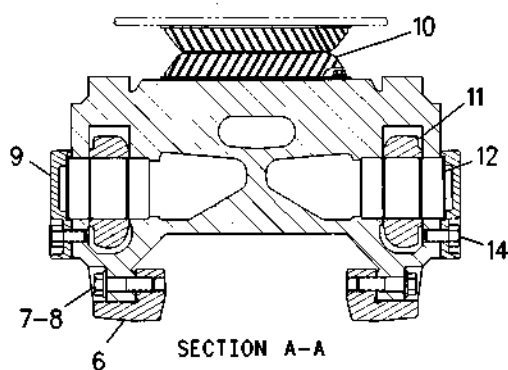
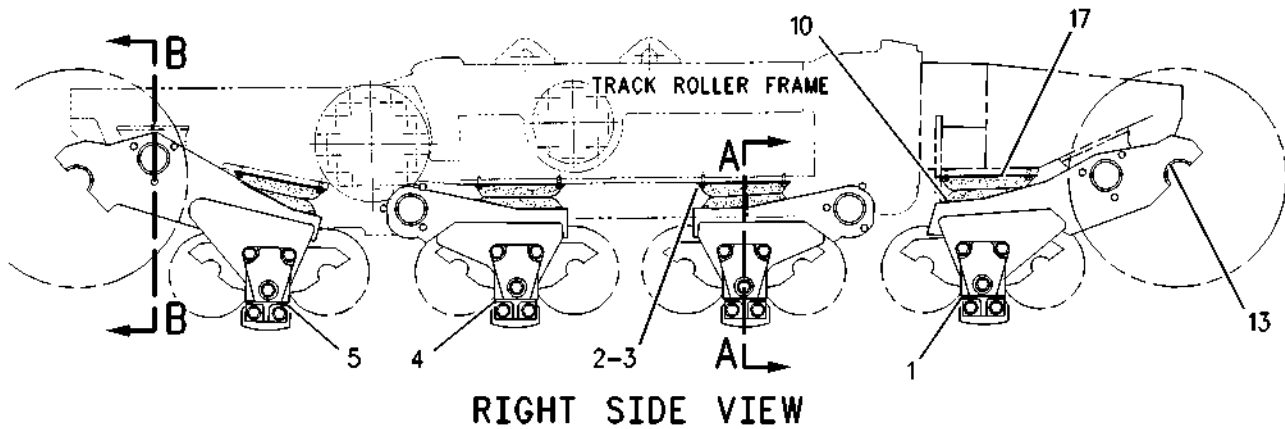
S/N: 7PZ1-UP

PART OF 179-2518 UNDERCARRIAGE AR
TYPE 1

SMCS-7217

i01489006

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	128-7256	1	BOGIE AS-FRONT	
	2	1	5P-2228	32	BOLT (1/2-13X1 IN)	
	3	1	5P-1076	32	WASHER-HARD (13.5X30X4MM THK)	
	4	1	9W-7871	2	BOGIE AS-MIDDLE	
	5	1	128-7255	1	BOGIE AS-REAR	
	6	1	184-4397	8	GUIDE	
	7	1	8T-8927	16	BOLT (1-8X3.75 IN)	
	8	1	8T-5361	16	WASHER-HARD (28X49X5MM THK)	
	9	1	9P-9990	8	RETAINER-GUARD	
	10	1	3P-2482	7	PAD AS-RESILIENT	
	11	1	138-4151	8	BOGIE-MINOR-RH (TRACK ROLLER FRAME)	
	12	1	7T-9311	16	PIN AS-CARTRIDGE	
	13	1	3T-9075	4	INSERT	
	14	1	8S-4756	24	BOLT (1-14X1.75 IN)	
	15	1	9P-9993	8	PLATE-RETAINER	
	16	1	5P-9957	8	RING-RETAINING	
	17	1	7T-5959	1	PAD AS-RESILIENT	



GRAPHIC #1

<END>

g00655394

UNDERCARRIAGE

179-2512 SUSPENSION GP-BOGIE-RH

S/N: 7PZ1-UP

PART OF 179-2518 UNDERCARRIAGE AR
TYPE 2

SMCS-7217

i01606273

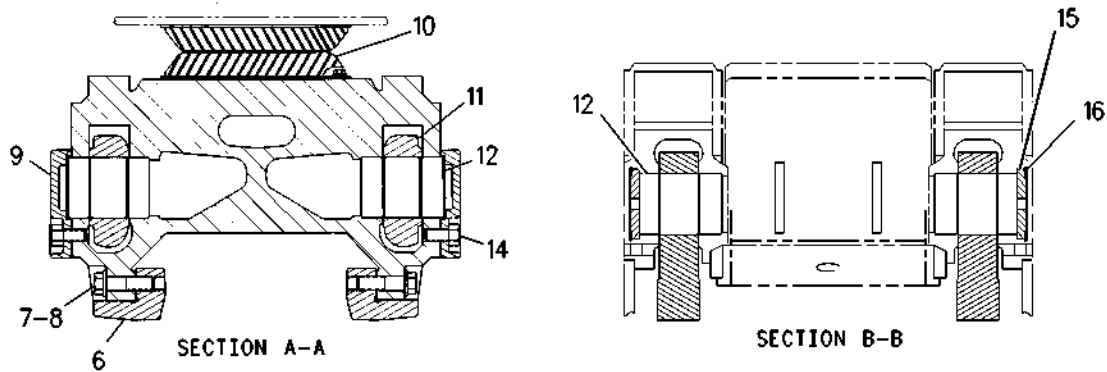
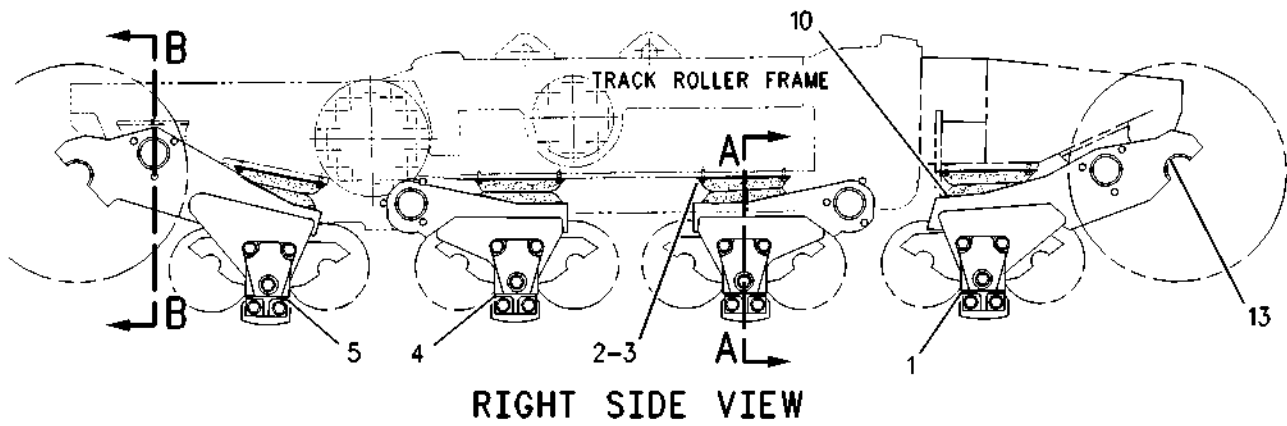
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	128-7256	1	BOGIE AS-FRONT						
	2	1	5P-2228	32	BOLT (1/2-13X1 IN)						
	3	1	5P-1076	32	WASHER-HARD (13.5X30X4MM THK)						
	4	1	9W-7871	2	BOGIE AS-MIDDLE						
	5	1	128-7255	1	BOGIE AS-REAR						
	6	1	184-4397	8	GUIDE						
	7	1	8T-8927	16	BOLT (1-8X3.75 IN)						
	8	1	8T-5361	16	WASHER-HARD (28X49X5MM THK)						
	9	1	9P-9990	8	RETAINER-GUARD						
C	10	1	3P-2482	8	PAD AS-RESILIENT						
	11	1	138-4151	8	BOGIE-MINOR-RH (TRACK ROLLER FRAME)						
	12	1	7T-9311	16	PIN AS-CARTRIDGE						
					(EACH INCLUDES)						
		1	6Y-0473	2	PLUG-CLEAR						
		1	9G-1368	2	STOP-RUBBER						
	13	1	3T-9075	4	INSERT						
	14	1	8S-4756	24	BOLT (1-14X1.75 IN)						
	15	1	9P-9993	8	PLATE-RETAINER						
	16	1	5P-9957	8	RING-RETAINING						

C-CHANGE FROM PREVIOUS TYPE

UNDERCARRIAGE

179-2512 SUSPENSION GP-BOGIE (contd.)

i01606273



GRAPHIC #1

<END>

g00837441

UNDERCARRIAGE

179-2513 SUSPENSION GP-BOGIE-LH

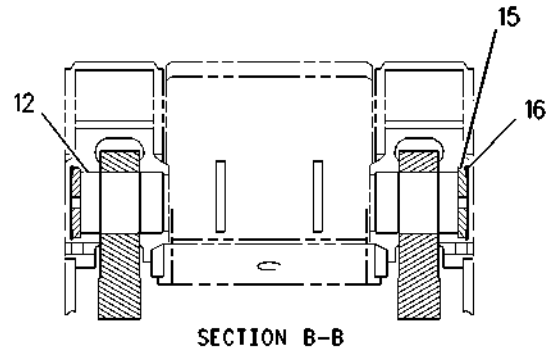
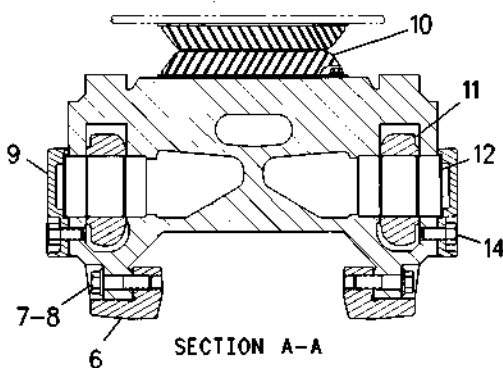
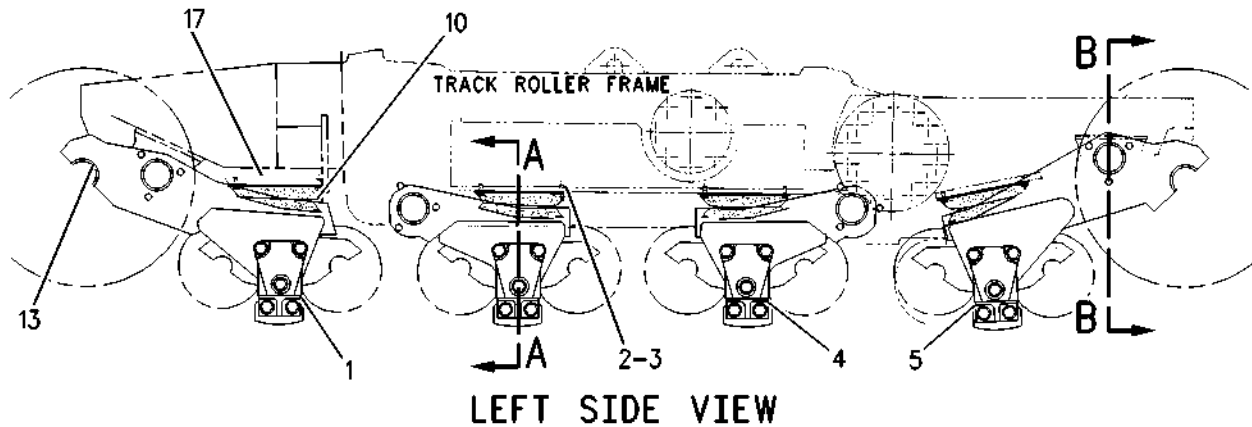
S/N: 7PZ1-UP

PART OF 179-2519 UNDERCARRIAGE AR
TYPE 1

SMCS-7217

i01488974

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	128-7256	1	BOGIE AS-FRONT	
	2	1	5P-2228	32	BOLT (1/2-13X1 IN)	
	3	1	5P-1076	32	WASHER-HARD (13.5X30X4MM THK)	
	4	1	9W-7871	2	BOGIE AS-MIDDLE	
	5	1	128-7255	1	BOGIE AS-REAR	
	6	1	184-4397	8	GUIDE	
	7	1	8T-8927	16	BOLT (1-8X3.75 IN)	
	8	1	8T-5361	16	WASHER-HARD (28X49X5MM THK)	
	9	1	9P-9990	8	RETAINER-GUARD	
	10	1	3P-2482	7	PAD AS-RESILIENT	
	11	1	138-4152	8	BOGIE-MINOR-LH (TRACK ROLLER FRAME)	
	12	1	7T-9311	16	PIN AS-CARTRIDGE	
	13	1	3T-9075	4	INSERT	
	14	1	8S-4756	24	BOLT (1-14X1.75 IN)	
	15	1	9P-9993	8	PLATE-RETAINER	
	16	1	5P-9957	8	RING-RETAINING	
	17	1	7T-5959	1	PAD AS-RESILIENT	



GRAPHIC #1

<END>

g00655415

UNDERCARRIAGE

179-2513 SUSPENSION GP-BOGIE-LH

S/N: 7PZ1-UP

PART OF 179-2519 UNDERCARRIAGE AR
TYPE 2

SMCS-7217

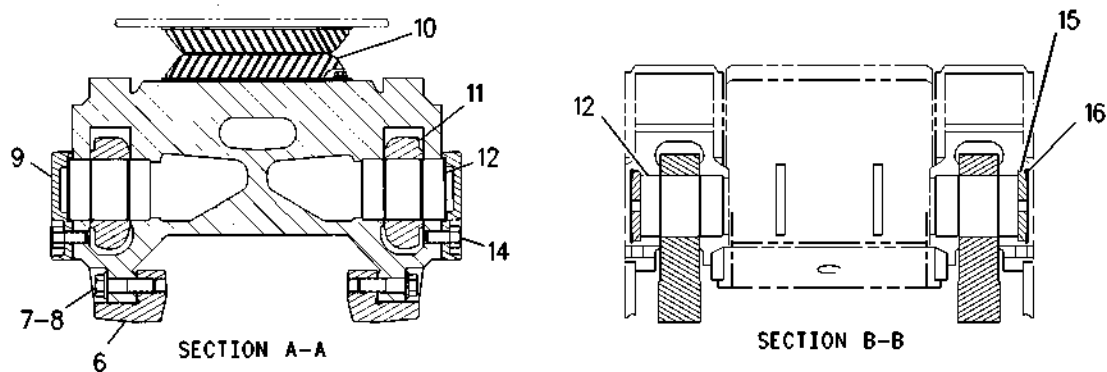
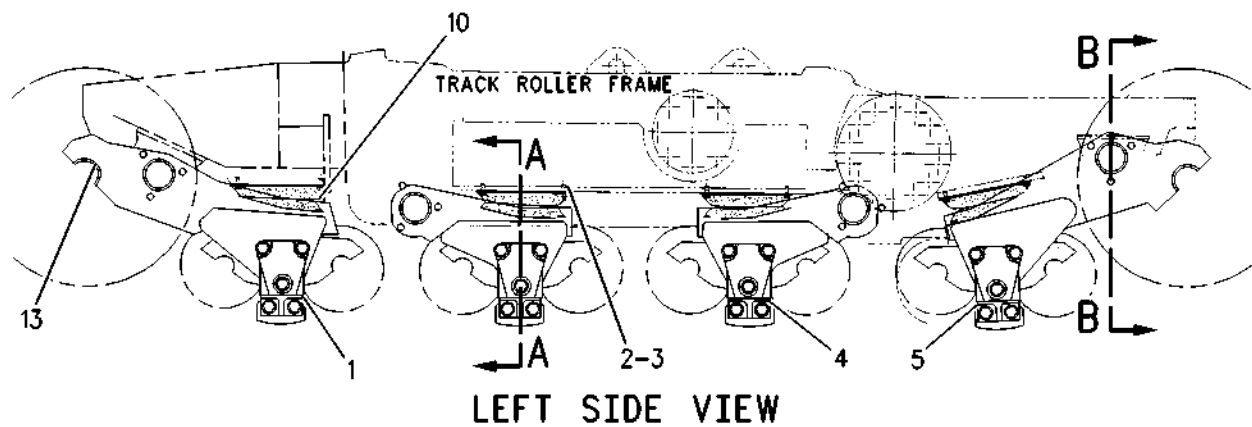
i01606275

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	128-7256	1	BOGIE AS-FRONT						
	2	1	5P-2228	32	BOLT (1/2-13X1 IN)						
	3	1	5P-1076	32	WASHER-HARD (13.5X30X4MM THK)						
	4	1	9W-7871	2	BOGIE AS-MIDDLE						
	5	1	128-7255	1	BOGIE AS-REAR						
	6	1	184-4397	8	GUIDE						
	7	1	8T-8927	16	BOLT (1-8X3.75 IN)						
	8	1	8T-5361	16	WASHER-HARD (28X49X5MM THK)						
	9	1	9P-9990	8	RETAINER-GUARD						
	10	1	3P-2482	8	PAD AS-RESILIENT						
	11	1	138-4152	8	BOGIE-MINOR-LH (TRACK ROLLER FRAME)						
	12	1	7T-9311	16	PIN AS-CARTRIDGE						
					(EACH INCLUDES)						
		1	6Y-0473	2	PLUG-CLEAR						
		1	9G-1368	2	STOP-RUBBER						
	13	1	3T-9075	4	INSERT						
14	1	8S-4756	24	BOLT (1-14X1.75 IN)							
15	1	9P-9993	8	PLATE-RETAINER							
16	1	5P-9957	8	RING-RETAINING							
C- CHANGE FROM PREVIOUS TYPE											

UNDERCARRIAGE

179-2513 SUSPENSION GP-BOGIE (contd.)

i01606275



GRAPHIC #1

<END>

g00836533

UNDERCARRIAGE

139-7710 TRACK ADJUSTER & RECOIL GP

S/N: 7PZ1-UP

PART OF 139-7697 UNDERCARRIAGE AR

SMCS-4157, 4158

i01988836

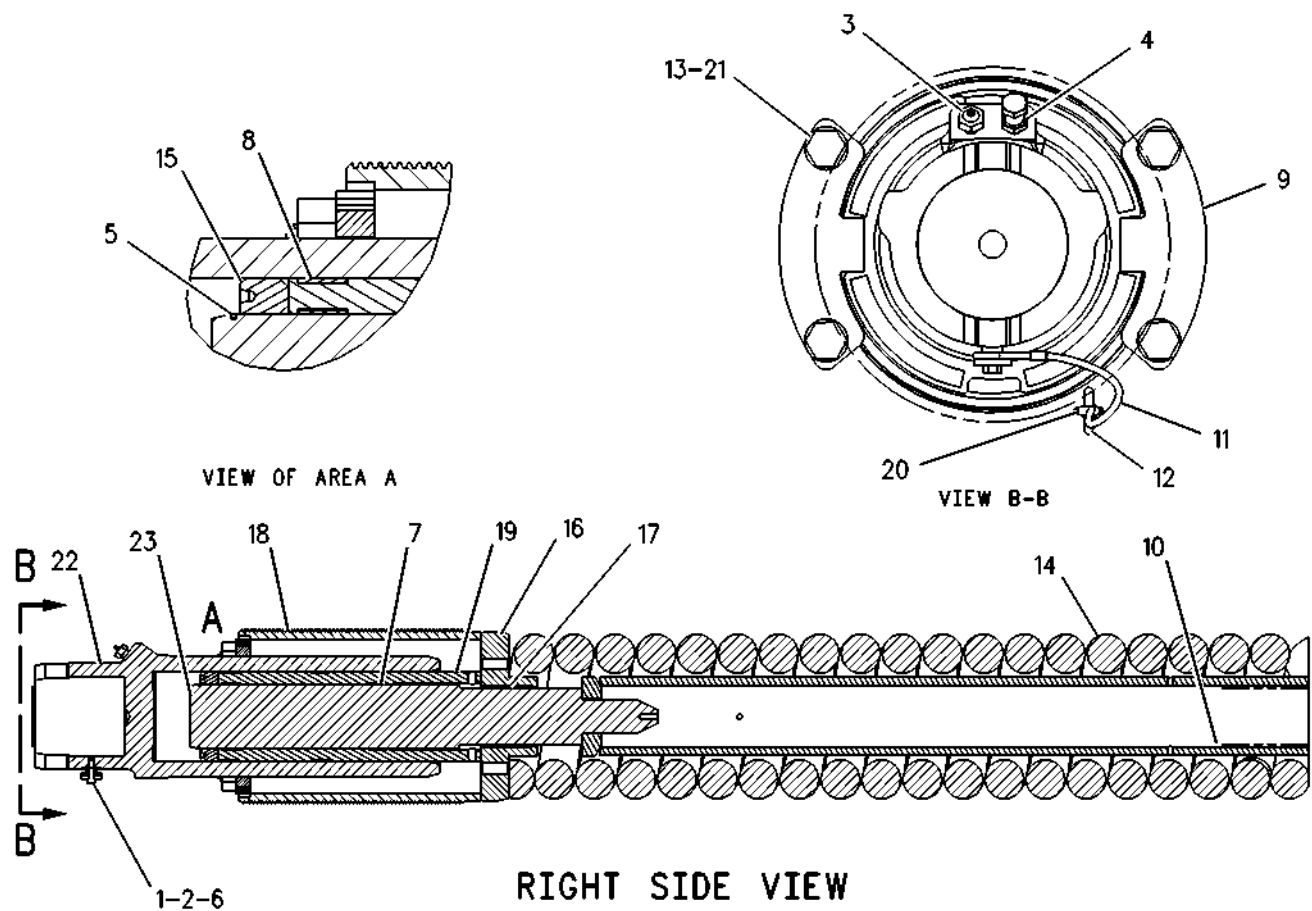
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1L-5081	2	SPACER (0.41X0.75X0.56 IN THK)						
	2	1	1P-7346	2	WASHER-HARD (10.2X35X6MM THK)						
	3	1	2S-5925	2	FITTING-GREASE						
	4	1	2S-5926	2	VALVE (RELIEF)						
	5	1	2S-8939	2	RING-RETAINING						
	6	1	3B-1915	2	BOLT (3/8-16X1.75 IN)						
	7	1	4J-3342	4	RING-WEAR						
	8	1	6P-7577	4	RING						
	9	1	6T-9127	4	STOP						
	10	1	6T-9176	2	STOP AS						
	11	1	7G-8282	2	CABLE AS						
					(EACH INCLUDES)						
	12	1	1P-7405	1	EYEBOLT						
	13	1	7X-0545	8	WASHER-HARD (24X40X5MM THK)						
	14	1	8P-4459	2	SPRING						
	15	1	8T-2863	2	SEAL-U-CUP						
	16	1	9W-2503	2	PILOT AS						
					(EACH INCLUDES)						
	17	1	9W-2500	1	BEARING-SLEEVE						
	18	1	140-6681	2	RETAINER AS						
	19	1	163-4820	2	CYLINDER						
	20	1	6V-8801	2	NUT (3/8-16 THD)						
	21	1	7X-0385	8	BOLT (7/8-9X3.25 IN)						
	22	1	109-4703	2	CYLINDER						
	23	1	7T-5734	1	ROD						

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES

UNDERCARRIAGE

139-7710 TRACK ADJUSTER & RECOIL GP (contd.)

i01988836



GRAPHIC #1

<END>

g00330551

UNDERCARRIAGE

179-2511 TRACK ADJUSTER & RECOIL GP

S/N: 7PZ1-UP

PART OF 179-2518, 179-2519 UNDERCARRIAGE AR

SMCS-4157, 4158

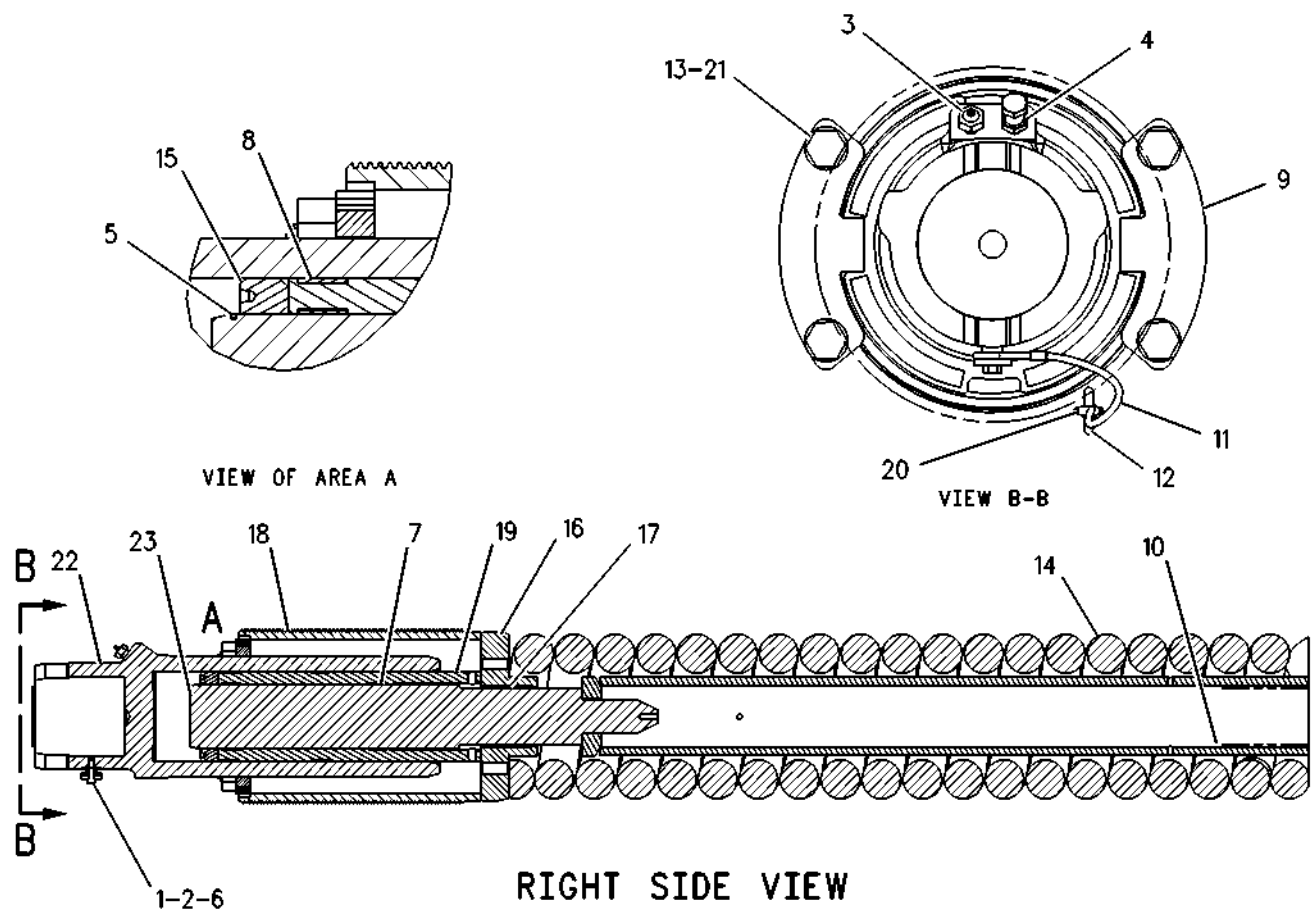
i01988833

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1L-5081	1	SPACER (0.41X0.75X0.56 IN THK)						
	2	1	1P-7346	1	WASHER-HARD (10.2X35X6MM THK)						
	3	1	2S-5925	1	FITTING-GREASE						
	4	1	2S-5926	1	VALVE (RELIEF)						
	5	1	2S-8939	1	RING-RETAINING						
	6	1	3B-1915	1	BOLT (3/8-16X1.75 IN)						
	7	1	4J-3342	2	RING-WEAR						
	8	1	6P-7577	2	RING						
	9	1	6T-9127	2	STOP						
	10	1	6T-9176	1	STOP AS						
	11	1	7G-8282	1	CABLE AS						
	12	1	1P-7405	1	EYEBOLT						
	13	1	7X-0545	4	WASHER-HARD (24X40X5MM THK)						
	14	1	8P-4459	1	SPRING						
	15	1	8T-2863	1	SEAL-U-CUP						
	16	1	9W-2503	1	PILOT AS						
	17	1	9W-2500	1	BEARING-SLEEVE						
	18	1	140-6681	1	RETAINER AS						
	19	1	163-4820	1	CYLINDER						
	20	1	6V-8801	1	NUT (3/8-16 THD)						
	21	1	7X-0385	4	BOLT (7/8-9X3.25 IN)						
	22	1	109-4703	1	CYLINDER						
	23	1	7T-5734	1	ROD						

UNDERCARRIAGE

179-2511 TRACK ADJUSTER & RECOIL GP (contd.)

i01988833



GRAPHIC #1

<END>

g00330551

UNDERCARRIAGE

143-1278 TRACK GP-2 REQUIRED

S/N: 7PZ1-674

710MM (28 IN.) GROUSER SHOE.

SEALED & LUBRICATED-EXTREME SERVICE, POSITIVE PIN RETENTION

PART OF 139-7697 UNDERCARRIAGE AR

SMCS-4170

i01988835

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	161-9854	1	LINK AS-TRACK						580
			S/N: 7PZ1-321						
Y	183-9331	1	LINK AS-TRACK						581
			S/N: 7PZ322-508						
Y	207-6162	1	LINK AS-TRACK						582
			S/N: 7PZ509-674						
	6T-8521	2	BOLT-MASTER TRACK (1 3/8-12X6.0 IN)						
	6T-8520	2	BOLT-MASTER TRACK (1 3/8-12X7.2 IN)						
	6T-8853	160	BOLT-TRACK (1 3/8-12X4.3 IN)						
	3T-6292	160	NUT-TRACK (1 3/8-12 THD)						
	153-4874	40	SHOE-TRACK						
	153-4875	1	SHOE-TRACK MASTER						
Y-SEPARATE ILLUSTRATION									
<END>									

143-1279 TRACK GP-2 REQUIRED

S/N: 7PZ1-674

810MM (32 IN.) GROUSER SHOE.

SEALED & LUBRICATED,EXTREME SERVICE, POSITIVE PIN RETENTION

REPLACED BY 215-7496-PAGE 616

AN ATTACHMENT

SMCS-4170

i01660508

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	183-9331	1	LINK AS-TRACK						581
			-OR-						
Y	207-6162	1	LINK AS-TRACK						582
	3T-6292	160	NUT-TRACK (1 3/8-12 THD)						
	6T-8520	2	BOLT-MASTER TRACK (1 3/8-12X7.2 IN)						
	6T-8521	2	BOLT-MASTER TRACK (1 3/8-12X6.0 IN)						
	6T-8853	160	BOLT-TRACK (1 3/8-12X4.3 IN)						
	153-4876	40	SHOE-TRACK						
	153-4878	1	SHOE-TRACK MASTER						
Y-SEPARATE ILLUSTRATION									
<END>									

UNDERCARRIAGE

143-1280 TRACK GP-2 REQUIRED

S/N: 7PZ1-674

915MM (36 IN.) GROUSER SHOE.

SEALED & LUBRICATED, EXTREME SERVICE, POSITIVE PIN RETENTION

REPLACED BY 215-7497-PAGE 616

AN ATTACHMENT

SMCS-4170

i01660509

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	183-9331	1	LINK AS-TRACK						581
			—OR—						
Y	207-6162	1	LINK AS-TRACK						582
	3T-6292	160	NUT-TRACK (1 3/8-12 THD)						
	6T-8520	2	BOLT-MASTER TRACK (1 3/8-12X7.2 IN)						
	6T-8521	2	BOLT-MASTER TRACK (1 3/8-12X6.0 IN)						
	6T-8853	160	BOLT-TRACK (1 3/8-12X4.3 IN)						
	153-4962	1	SHOE-TRACK MASTER						
	153-4963	40	SHOE-TRACK						
Y-SEPARATE ILLUSTRATION									

<END>

215-7495 TRACK GP-2 REQUIRED

S/N: 7PZ675-UP

710MM (28 IN) GROUSER SHOES.

EXTREME SERVICE-SEALED AND LUBRICATED-POSITIVE PIN RETENTION

PART OF 139-7697 UNDERCARRIAGE AR

ALSO AN ATTACHMENT

SMCS-4170

i01669556

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	215-7494	1	LINK AS-TRACK						583
	6T-8520	2	BOLT-MASTER TRACK (1 3/8-12X7.2 IN)						
	6T-8521	2	BOLT-MASTER TRACK (1 3/8-12X6.0 IN)						
	6T-8853	160	BOLT-TRACK (1 3/8-12X4.3 IN)						
	3T-6292	160	NUT-TRACK (1 3/8-12 THD)						
	153-4874	40	SHOE-TRACK						
	153-4875	1	SHOE-TRACK MASTER						

<END>

UNDERCARRIAGE

215-7496 TRACK GP-2 REQUIRED

S/N: 7PZ1-UP

810MM (31.8 IN)GROUSER SHOES.

EXTREME SERVICE-SEALED AND LUBRICATED-POSITIVE PIN RETENTION
AN ATTACHMENT

SMCS-4170

i01669537

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	215-7494	1	LINK AS-TRACK						583
	6T-8520	2	BOLT-MASTER TRACK (1 3/8-12X7.2 IN)						
	6T-8521	2	BOLT-MASTER TRACK (1 3/8-12X6.0 IN)						
	6T-8853	160	BOLT-TRACK (1 3/8-12X4.3 IN)						
	3T-6292	160	NUT-TRACK (1 3/8-12 THD)						
	153-4876	40	SHOE-TRACK						
	153-4878	1	SHOE-TRACK MASTER						
Y-SEPARATE ILLUSTRATION									

<END>

215-7497 TRACK GP-2 REQUIRED

S/N: 7PZ1-UP

915MM (36 IN)GROUSER SHOE.

SEALED AND LUBRICATED-EXTREME SERVICE-POSITIVE PIN RETENTION
AN ATTACHMENT

SMCS-4170

i01669523

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	215-7494	1	LINK AS-TRACK						583
	6T-8520	2	BOLT-MASTER TRACK (1 3/8-12X7.2 IN)						
	6T-8521	2	BOLT-MASTER TRACK (1 3/8-12X6.0 IN)						
	6T-8853	160	BOLT-TRACK (1 3/8-12X4.3 IN)						
	3T-6292	160	NUT-TRACK (1 3/8-12 THD)						
	153-4963	40	SHOE-TRACK						
	153-4962	1	SHOE-TRACK MASTER						

<END>

UNDERCARRIAGE

216-0891 TRACK GP-2 REQUIRED

S/N: 7PZ1-UP

915MM (36 IN)GROUSER SHOE.

SEALED AND LUBRICATED-EXTREME SERVICE-POSITIVE PIN RETENTION
AN ATTACHMENT

SMCS-4170

i01669777

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	215-7678	1	LINK AS-TRACK						584
	6T-8520	2	BOLT-MASTER TRACK (1 3/8-12X7.2 IN)						
	6T-8521	2	BOLT-MASTER TRACK (1 3/8-12X6.0 IN)						
	6T-8853	160	BOLT-TRACK (1 3/8-12X4.3 IN)						
	3T-6292	160	NUT-TRACK (1 3/8-12 THD)						
	153-4963	40	SHOE-TRACK						
	153-4962	1	SHOE-TRACK MASTER						
Y-SEPARATE ILLUSTRATION									
<END>									

139-7697 UNDERCARRIAGE AR

S/N: 7PZ1-UP

PART OF 155-5550 GENERAL AR

SMCS-4150

i01961893

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	129-4032	4	CAP GP-TRACK IDLER						550
Y	129-4033	4	CAP GP-TRACK IDLER						551
Y	9W-7266	32	CAP GP-TRACK ROLLER						552
Y	141-7522	1	BAR GP-EQUALIZER						543
Y	139-7698	1	FRAME GP-TELESCOPING RECOIL						553
Y	156-0313	4	IDLER GP-TRACK						578
			S/N: 7PZ1-386						
Y	187-1484	4	IDLER GP-TRACK						579
			S/N: 7PZ387-UP						
Y	6I-9718	8	ROLLER GP-TRACK-DOUBLE FLANGE						596
			-OR-						
Y	184-6306	8	ROLLER GP-TRACK-DOUBLE FLANGE						597
			(IF EQUIPPED)						
Y	6I-9717	8	ROLLER GP-TRACK-SINGLE FLANGE						598
			-OR-						
Y	184-6305	8	ROLLER GP-TRACK-SINGLE FLANGE						599
			(IF EQUIPPED)						
Y	139-7709	1	SUSPENSION GP-BOGIE						602
Y	139-7710	1	TRACK ADJUSTER & RECOIL GP						610
Y	143-1278	2	TRACK GP						614
			S/N: 7PZ1-674						
Y	215-7495	2	TRACK GP						615
			S/N: 7PZ675-UP						
Y-SEPARATE ILLUSTRATION									
<END>									

UNDERCARRIAGE

179-2516 UNDERCARRIAGE AR-RH

S/N: 7PZ1-UP

FOR USE WITH 141-7522-PAGE 543
FIELD INSTALLATION

SMCS-4150

i01444558

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	156-0313	2	IDLER GP-TRACK						578
			—OR—						
Y	187-1484	2	IDLER GP-TRACK						579
Y	6I-9718	4	ROLLER GP-TRACK-DOUBLE FLANGE						596
			—OR—						
Y	184-6306	4	ROLLER GP-TRACK-DOUBLE FLANGE						597
Y	6I-9717	4	ROLLER GP-TRACK-SINGLE FLANGE						598
			—OR—						
Y	184-6305	4	ROLLER GP-TRACK-SINGLE FLANGE						599
Y	179-2518	1	UNDERCARRIAGE AR						619
Y-SEPARATE ILLUSTRATION									
<END>									

179-2517 UNDERCARRIAGE AR-LH

S/N: 7PZ1-UP

FOR USE WITH 141-7522-PAGE 543
FIELD INSTALLATION

SMCS-4150

i01444560

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	156-0313	2	IDLER GP - TRACK						578
			—OR—						
Y	187-1484	2	IDLER GP - TRACK						579
Y	6I-9718	4	ROLLER GP - TRACK-DOUBLE FLANGE						596
			—OR—						
Y	184-6306	4	ROLLER GP - TRACK-DOUBLE FLANGE						597
Y	6I-9717	4	ROLLER GP - TRACK-SINGLE FLANGE						598
			—OR—						
Y	184-6305	4	ROLLER GP - TRACK-SINGLE FLANGE						599
Y	179-2519	1	UNDERCARRIAGE AR						619
Y-SEPARATE ILLUSTRATION									
<END>									

UNDERCARRIAGE

179-2518 UNDERCARRIAGE AR-RH

S/N: 7PZ1-UP

PART OF 179-2516 UNDERCARRIAGE AR

SMCS-4150

i01224897

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	129-4032	2	CAP GP-TRACK IDLER						550
Y	129-4033	2	CAP GP-TRACK IDLER						551
Y	9W-7266	16	CAP GP-TRACK ROLLER						552
Y	179-2514	1	FRAME GP-TELESCOPING RECOIL						566
Y	179-2512	1	SUSPENSION GP-BOGIE						604
Y	179-2511	1	TRACK ADJUSTER & RECOIL GP						612

Y-SEPARATE ILLUSTRATION

<END>

179-2519 UNDERCARRIAGE AR-LH

S/N: 7PZ1-UP

PART OF 179-2517 UNDERCARRIAGE AR

SMCS-4150

i01224945

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	129-4032	2	CAP GP-TRACK IDLER						550
Y	129-4033	2	CAP GP-TRACK IDLER						551
Y	9W-7266	16	CAP GP-TRACK ROLLER						552
Y	179-2515	1	FRAME GP-TELESCOPING RECOIL						572
Y	179-2513	1	SUSPENSION GP-BOGIE						607
Y	179-2511	1	TRACK ADJUSTER & RECOIL GP						612

Y-SEPARATE ILLUSTRATION

<END>

STEERING AND BRAKING SYSTEM

124-2354 ADJUSTER GP-STEER & TMSN CONT

S/N: 7PZ1-UP

ELECTRIC

PART OF 124-2356 CONTROL GP-STEERING & TMSN

SMCS-4135

i01989510

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8F-7702	4	SEAL-LIP TYPE	
	2	1	8T-1172	4	SEAL-LIP TYPE	
M	3	1	8T-2658	1	LOCKNUT (M3X0.5 THD)	
	4	1	8T-5410	4	SEAL-LIP TYPE	
M	5	1	8T-9006	1	BOLT-SOCKET HEAD (M3X.5X20MM)	
	6	1	9X-6772	4	STRAP-CABLE	
	7	1	110-7880	1	SWITCH AS (ROCKER) (CONSOLE RAISE/LOWER)	
		1	3E-3362	1	WEDGE-PLUG LOCK (2 PIN)	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)	
		1	186-3735	2	PIN-CONNECTOR	
		1	186-3736	2	SOCKET-CONNECTOR	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES WEDGE & RECEPTACLE AS)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES WEDGE, PLUG AS & INTERFACE SEAL)	
	8	1	149-4889	1	ACTUATOR AS	
		1	3E-3362	1	WEDGE-PLUG LOCK (2 PIN)	
		1	186-3736	2	SOCKET-CONNECTOR	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES WEDGE, PLUG AS & INTERFACE SEAL)	
	9	1	122-4268	1	BRACKET AS	
M		1	8T-3612	1	NUT-WELD (M8X1.25 THD)	
	10	1	122-4270	1	BRACKET AS	
M		1	5C-7261	4	NUT (M8X1.25 THD)	
	10A	1	122-6046	1	MOUNT	
	11	1	122-4271	1	KNOB (ARMREST ADJUSTMENT)	
	12	1	127-7494	1	PLATE AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)	
M	12A	1	6V-9632	2	NUT-WELD (M6X1 THD)	
	12B	1	122-6049	1	MOUNT	
	13	1	122-6826	1	PLATE AS	
M		1	8T-3612	2	NUT-WELD (M8X1.25 THD)	
M	13A	1	6V-9632	2	NUT-WELD (M6X1 THD)	
M	13B	1	8T-3490	1	NUT-WELD (M10X1.5 THD)	
	14	1	122-6824	1	PLATE	
	15	1	122-6825	1	SPACER	
	16	1	8T-4205	2	WASHER-HARD (7.2X14.5X2MM THK)	
	17	1	124-0799	1	SPRING	
	18	1	7X-7729	4	WASHER (11X25X3MM THK)	
	19	1	130-0701	1	SHAFT	
	20	1	130-1985	1	SLEEVE	
E	21	1	130-7975		SLEEVE-BRASS (4 CM)	
	22	1	130-9989	4	SLEEVE	
	23	1	130-9990	2	SLEEVE	
	24	1	132-3581	2	BEARING AS	
	25	1	133-0155	1	SHAFT	
	26	1	133-6595	1	BRACKET AS	
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)	
	27	1	133-6974	1	BRACKET AS	
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)	
	28	1	133-7212	1	PLATE	
	29	1	133-7214	1	SHAFT	
	30	1	133-7230	1	SHAFT	
	31	1	133-7231	1	PLATE	
	32	1	5P-4116	1	WASHER-HARD (8.8X20.5X2MM THK)	

STEERING AND BRAKING SYSTEM

124-2354 ADJUSTER GP-STEER & TMSN CONT (contd.)

i01989510

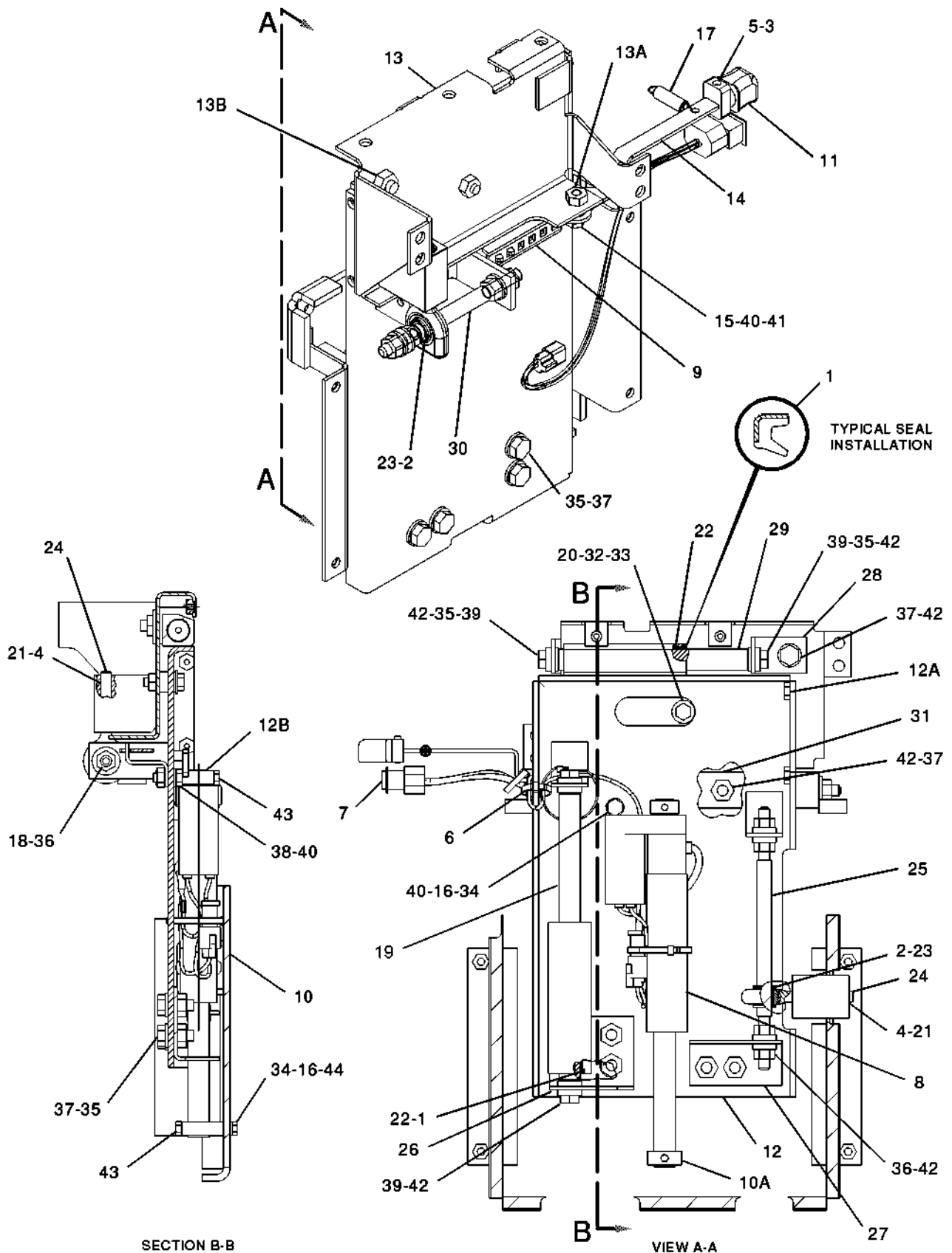
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	33	1	6V-2317	1	BOLT (M8X1.25X30MM)						
	34	1	8T-9368	1	BOLT (1/4-20X2.25 IN)						
	35	1	8T-4121	6	WASHER-HARD (11X21X2.5MM THK)						
M	36	1	8T-4133	8	NUT (M10X1.5 THD)						
M	37	1	8T-4136	6	BOLT (M10X1.5X25MM)						
M	38	1	8T-4189	1	BOLT (M8X1.25X20MM)						
M	39	1	8T-4195	4	BOLT (M10X1.5X30MM)						
	40	1	8T-4224	3	WASHER-HARD (8.8X16X2MM THK)						
M	41	1	8T-4908	1	BOLT (M8X1.25X25MM)						
	42	1	8T-7934	12	WASHER-HARD (11X21X5MM THK)						
	43	1	2D-6235	2	LOCKNUT (1/4-20 THD)						
	44	1	8T-9367	1	BOLT (1/4-20X2 IN)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

STEERING AND BRAKING SYSTEM

124-2354 ADJUSTER GP-STEER & TMSN CONT (contd.)

i01989510



GRAPHIC #1

<END>

g01030023

STEERING AND BRAKING SYSTEM

118-9628 CLUTCH & BRAKE GP-STEERING*R

S/N: 7PZ1-UP

PART OF 112-9167 POWER TRAIN AR

SMCS-4101, 4109

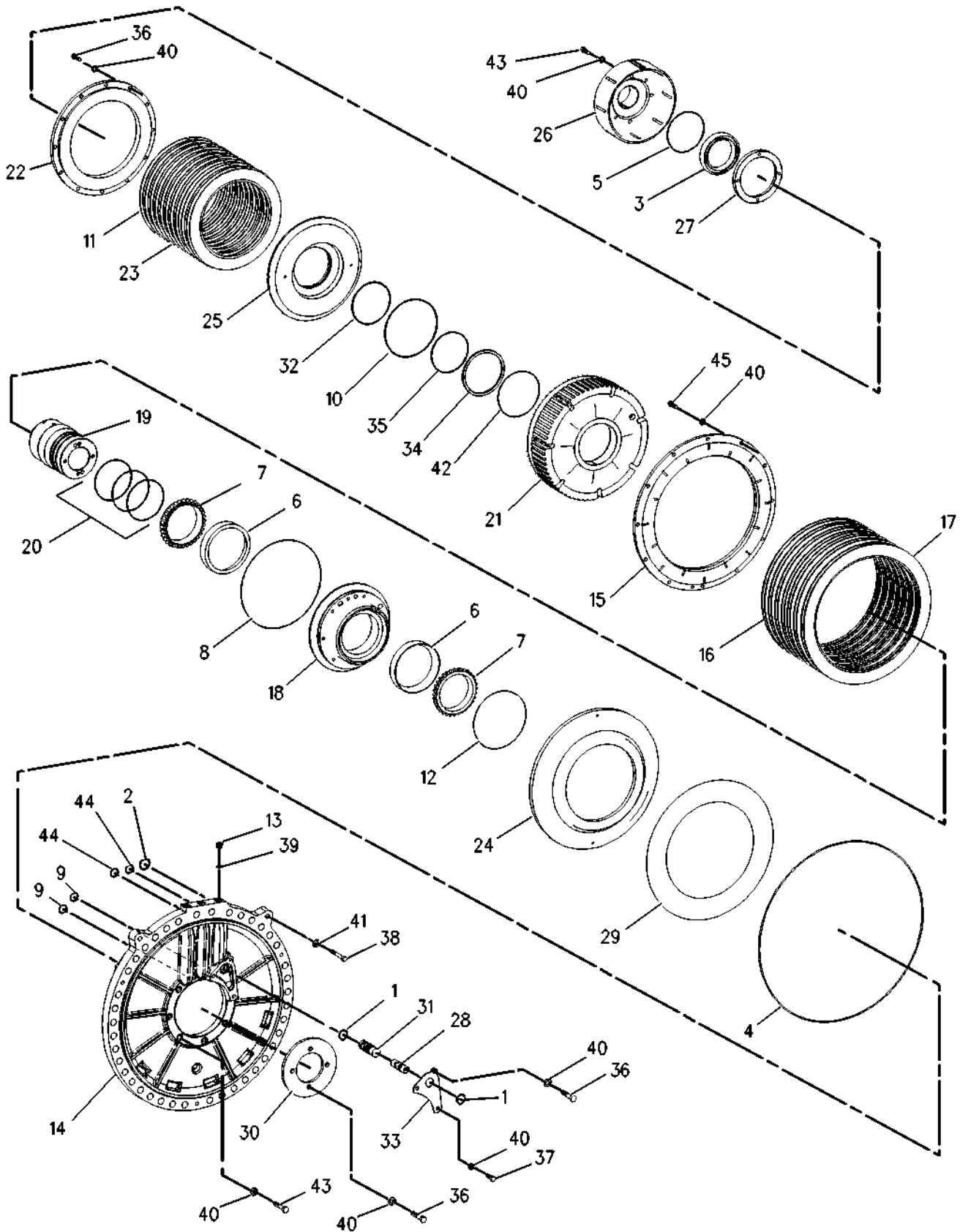
i01707376

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1H-8134	2	RING-RETAINING						
	2	1	5P-5846	1	SEAL-O-RING						
	3	1	4F-2129	1	BALL BEARING						
	4	1	5P-4057	1	SEAL-O-RING						
	5	1	5P-5297	1	RING-RETAINING						
	6	1	173-0594	2	CUP						
	7	1	173-0593	2	CONE						
	8	1	7G-1186	1	RING-SEAL EXTENSION						
	9	1	8M-4433	2	SEAL-O-RING						
	10	1	8P-8357	1	RING-SEAL						
	11	1	8P-9558	10	DISC-FRICTION						
	12	1	8P-9568	1	RING-SEAL						
	13	1	9S-8006	3	PLUG						
	14	1	121-0667	1	HOUSING-BRAKE						
	15	1	121-0668	1	RETAINER						
	16	1	121-0669	7	DISC-FRICTION						
	17	1	121-0670	7	PLATE-SEPARATOR						
	18	1	121-0671	1	RETAINER						
	19	1	121-0672	1	HUB-OUTPUT						
	20	1	121-0674	3	RING-SEAL						
	21	1	121-0675	1	HUB-STEERING CLUTCH						
	22	1	121-0676	1	RETAINER						
	23	1	121-0677	9	PLATE-CLUTCH						
	24	1	121-0678	1	PISTON						
	25	1	121-0679	1	PISTON-CLUTCH						
	26	1	121-0680	1	HUB-INPUT						
	27	1	121-0681	1	PLATE						
	28	1	121-0682	1	SPOOL						
	29	1	121-0683	1	WASHER-SPRING						
	30	1	121-0684	1	PLATE						
	31	1	121-0685	1	SLEEVE						
	32	1	121-0686	1	RING-SEAL						
	33	1	121-0687	1	PLATE						
	34	1	121-0688	1	RING						
	35	1	140-8016	1	RING-RETAINING						
	36	1	0S-1585	17	BOLT (1/2-13X1.50 IN)						
	37	1	1B-2886	2	BOLT (1/2-13X3.75 IN)						
	38	1	1B-4367	2	BOLT (5/8-11X3 IN)						
	39	1	2M-9780	3	SEAL-O-RING						
	40	1	5P-8245	41	WASHER-HARD (13.5X25.5X3MM THK)						
	41	1	5P-8247	2	WASHER-HARD (17X32X3.5MM THK)						
	42	1	9X-7295	1	SEAL-O-RING						
	43	1	9X-8873	10	BOLT (1/2-13X2.25 IN)						
					-OR-						
		1	2B-0947	10	BOLT (1/2-13X2.25 IN)						
	44	1	5P-8210	2	SEAL-O-RING						
	45	1	0S-1587	12	BOLT (1/2-13X1.75 IN)						

STEERING AND BRAKING SYSTEM

118-9628 CLUTCH & BRAKE GP-STEERING (contd.)

i01707376



GRAPHIC #1

<END>

g00627410

STEERING AND BRAKING SYSTEM

123-6446 CONTROL GP-PARKING BRAKE

S/N: 7PZ1-UP

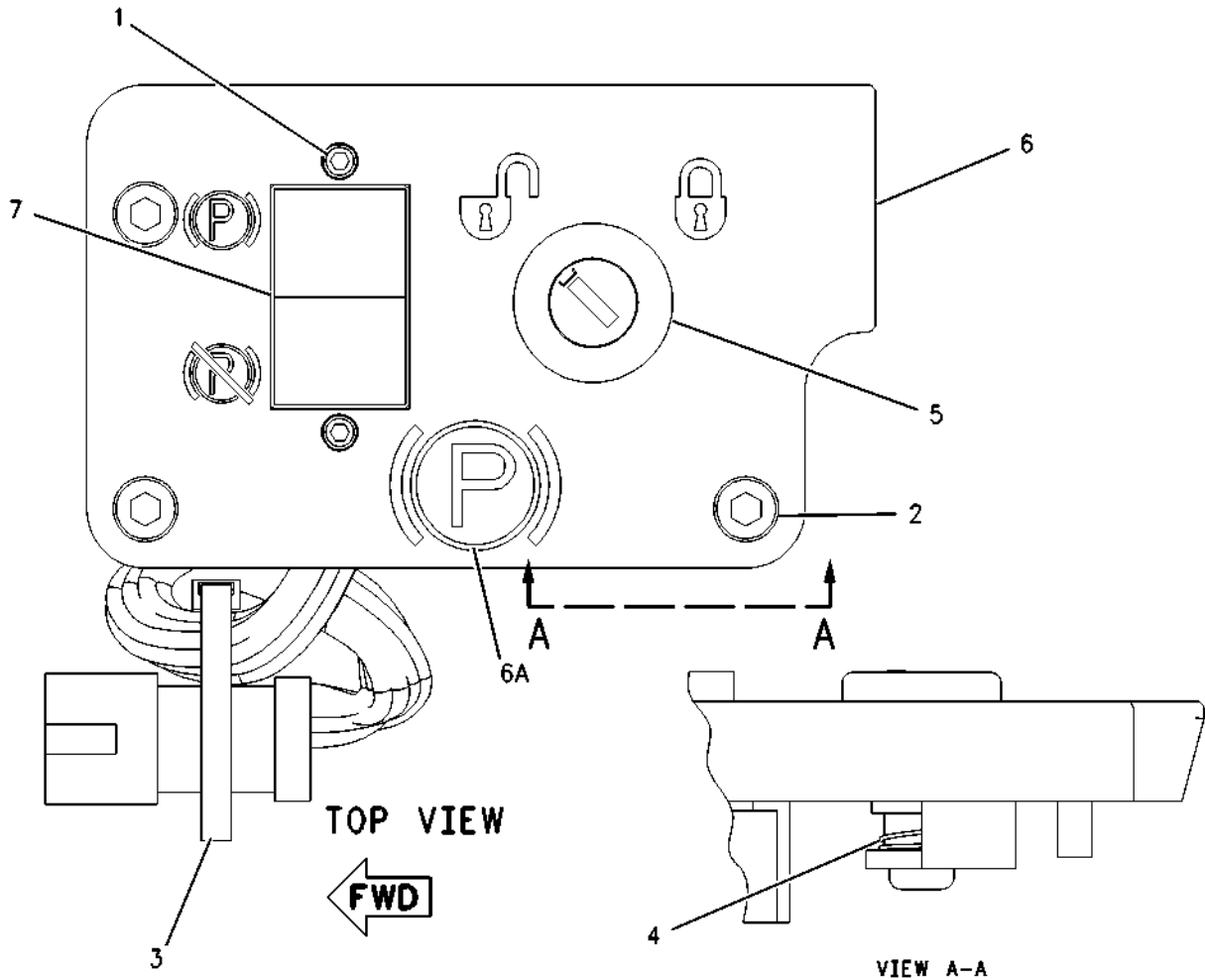
PART OF 122-1512 CONTROL GP-STEERING & TMSN

SMCS-4269, 4284

i01988817

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	6V-8118	2	SCREW-SOCKET HEAD (6/32X0.625 IN)	
M	2	1	9X-2546	3	BOLT (M6X1X20MM)	
	3	1	9X-6772	1	STRAP-CABLE	
	4	1	137-4830	1	SPRING	
	5	1	123-0912	1	LOCK AS-CYLINDER	
J		1	226-0291	1	LOCK AS	
		1	226-0328	1	CAM-LOCK	
	6	1	214-9184	1	HOUSING AS	
	6A	1	214-9183	1	FILM (PARKING BRAKE)	
	7	1	118-0639	1	SWITCH AS-ROCKER (PARKING BRAKE)	
		1	8T-8729	12	PIN-CONNECTOR	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	3E-5180	1	WEDGE-RECEPTACLE LOCK (12-PIN)	

J-REQUIRES 5P8500 KEY
M-METRIC PART



GRAPHIC #1

<END>

g00862385

STEERING AND BRAKING SYSTEM

122-1512 CONTROL GP-STEERING & TMSN

S/N: 7PZ1-UP

PART OF 124-2356 CONTROL GP-STEERING & TMSN

TYPE 1

SMCS-4122

i01988854

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1W-6448	2	DOWEL	
	2	1	4B-1270	1	SCREW-MACHINE (8-32X0.75 IN)	
	3	1	8T-0328	1	WASHER-HARD (5.5X10X1MM THK)	
Y	4	1	147-1680	2	SENSOR GP-POSITION (ROTARY) (STEER POSITION)	330
M	5	1	9X-6615	6	BOLT (M5X.8X30MM)	
C	6	1	9X-6772	6	STRAP-CABLE	
M	7	1	9X-8902	3	BOLT-SOCKET HEAD (M3X0.5X8MM)	
	8	1	103-6262	2	SCREW-MACHINE (4-40X.63 IN)	
	9	1	159-7352	1	PLATE AS	
M		1	6V-9632	4	NUT-WELD (M6X1 THD)	
M		1	8T-3612	5	NUT-WELD (M8X1.25 THD)	
Y	10	1	122-7372	1	GEAR GP-STEERING	633
	11	1	123-3295	1	PLATE	
	12	1	123-3296	1	GASKET	
	13	1	123-3826	1	HANDLE AS	
	14	1	123-6377	1	SWITCH AS-LIMIT (REVERSE)	
	15	1	123-6392	1	CUSHION AS	
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)	
Y	16	1	123-6446	1	CONTROL GP-PARKING BRAKE	625
	17	1	123-9812	1	HANDLE AS	
Y	18	1	125-0583	1	SUPPORT GP-CONTROL	641
Y	19	1	125-9664	1	GEAR GP-STEERING	635
	20	1	126-2487	1	PLATE	
Y	21	1	127-2945	1	DETENT GP	632
	22	1	133-8468	1	HARNESS AS (FTC)	
CY	23	1	161-8979	1	SENSOR GP-POSITION	332
M	24	1	135-8581	1	BOLT-SOCKET HEAD (M6X1.0X30MM)	
C	25	1	3K-7942	1	CLAMP	
C	26	1	6V-0894	3	SEAL-O-RING	
M	27	1	7X-7888	2	BOLT (M6X1X90MM)	
	28	1	8M-2771	1	CLIP	
M	29	1	8T-0267	1	BOLT-SOCKET HEAD (M6X1X12MM)	
C	30	1	8T-4121	1	WASHER-HARD (11X21X2.5MM THK)	
M	31	1	8T-4137	4	BOLT (M10X1.5X20MM)	
M	32	1	8T-4138	2	BOLT (M6X1X20MM)	
	33	1	9X-8256	4	WASHER (6.6X12X2MM THK)	
	34	1	159-7351	2	CLIP	

C-CHANGE FROM PREVIOUS TYPE

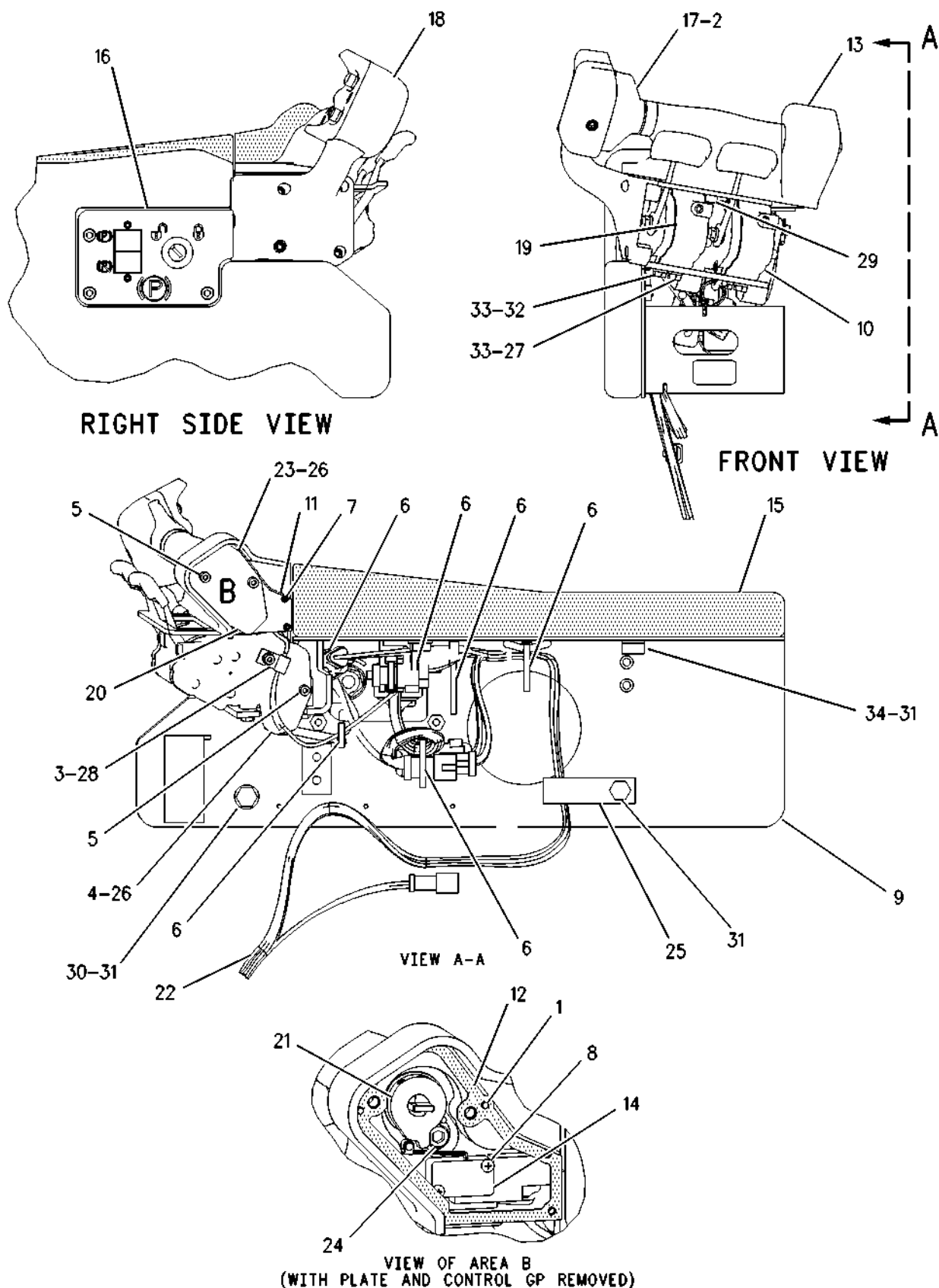
M-METRIC PART

Y-SEPARATE ILLUSTRATION

STEERING AND BRAKING SYSTEM

122-1512 CONTROL GP-STEERING & TMSN (contd.)

i01988854



GRAPHIC #1

<END>

g00628116

STEERING AND BRAKING SYSTEM

122-1512 CONTROL GP-STEERING & TMSN

S/N: 7PZ1-UP

PART OF 124-2356 CONTROL GP-STEERING & TMSN

TYPE 2

SMCS-4122

i01843793

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1W-6448	2	DOWEL	
	2	1	4B-1270	1	SCREW-MACHINE (8-32X0.75 IN)	
	3	1	8T-0328	1	WASHER-HARD (5.5X10X1MM THK)	
CY	4	1	214-4863	2	SENSOR GP-POSITION (ROTARY) (RH & LH TURN)	335
M	5	1	9X-6615	6	BOLT (M5X.8X30MM)	
	6	1	9X-6772	6	STRAP-CABLE	
M	7	1	9X-8902	3	BOLT-SOCKET HEAD (M3X0.5X8MM)	
	8	1	103-6262	2	SCREW-MACHINE (4-40X.63 IN)	
	9	1	159-7352	1	PLATE AS	
M		1	6V-9632	4	NUT-WELD (M6X1 THD)	
M		1	8T-3612	5	NUT-WELD (M8X1.25 THD)	
Y	10	1	122-7372	1	GEAR GP-STEERING	633
	11	1	123-3295	1	PLATE	
	12	1	123-3296	1	GASKET	
	13	1	123-3826	1	HANDLE AS	
	14	1	123-6377	1	SWITCH AS-LIMIT (REVERSE)	
	15	1	123-6392	1	CUSHION AS	
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)	
Y	16	1	123-6446	1	CONTROL GP-PARKING BRAKE	625
	17	1	123-9812	1	HANDLE AS (FORWARD/REVERSE)	
Y	18	1	125-0583	1	SUPPORT GP-CONTROL	641
Y	19	1	125-9664	1	GEAR GP-STEERING	635
	20	1	126-2487	1	PLATE	
Y	21	1	127-2945	1	DETENT GP	632
	22	1	133-8468	1	HARNESS AS (FTC)	
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12 PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2260	3	KIT-CONNECTING PLUG (3 PIN)	
		1	155-2274	2	KIT-CONNECTING PLUG (6 PIN)	
		1	155-2255	1	KIT-CONNECTING PLUG (12 PIN)	
					(INCLUDES PLUG AS & WEDGE)	
		1	110-6845	1	PLUG AS-CONNECTOR (40 PIN)	
		1	110-6844	1	SEAL	
		1	110-6846	1	PLUG AS-CONNECTOR (40 PIN)	
		1	110-6844	1	SEAL	
		1	8T-8737	20	PLUG-SEAL	
		1	110-6848	1	PLUG AS-CONNECTOR (40 PIN)	
		1	110-6844	1	SEAL	
CY	23	1	214-4862	1	SENSOR GP-POSITION (SPRINGLESS) (FORWARD/REVERSE)	334
M	24	1	135-8581	1	BOLT-SOCKET HEAD (M6X1.0X30MM)	
	25	1	3K-7942	1	CLAMP	
	26	1	6V-0894	3	SEAL-O-RING	
M	27	1	7X-7888	2	BOLT (M6X1X90MM)	
	28	1	8M-2771	1	CLIP	
M	29	1	8T-0267	1	BOLT-SOCKET HEAD (M6X1X12MM)	
	30	1	8T-4121	1	WASHER-HARD (11X21X2.5MM THK)	
M	31	1	8T-4137	4	BOLT (M10X1.5X20MM)	
M	32	1	8T-4138	2	BOLT (M6X1X20MM)	
	33	1	9X-8256	4	WASHER (6.6X12X2MM THK)	
	34	1	159-7351	2	CLIP	

C-CHANGE FROM PREVIOUS TYPE

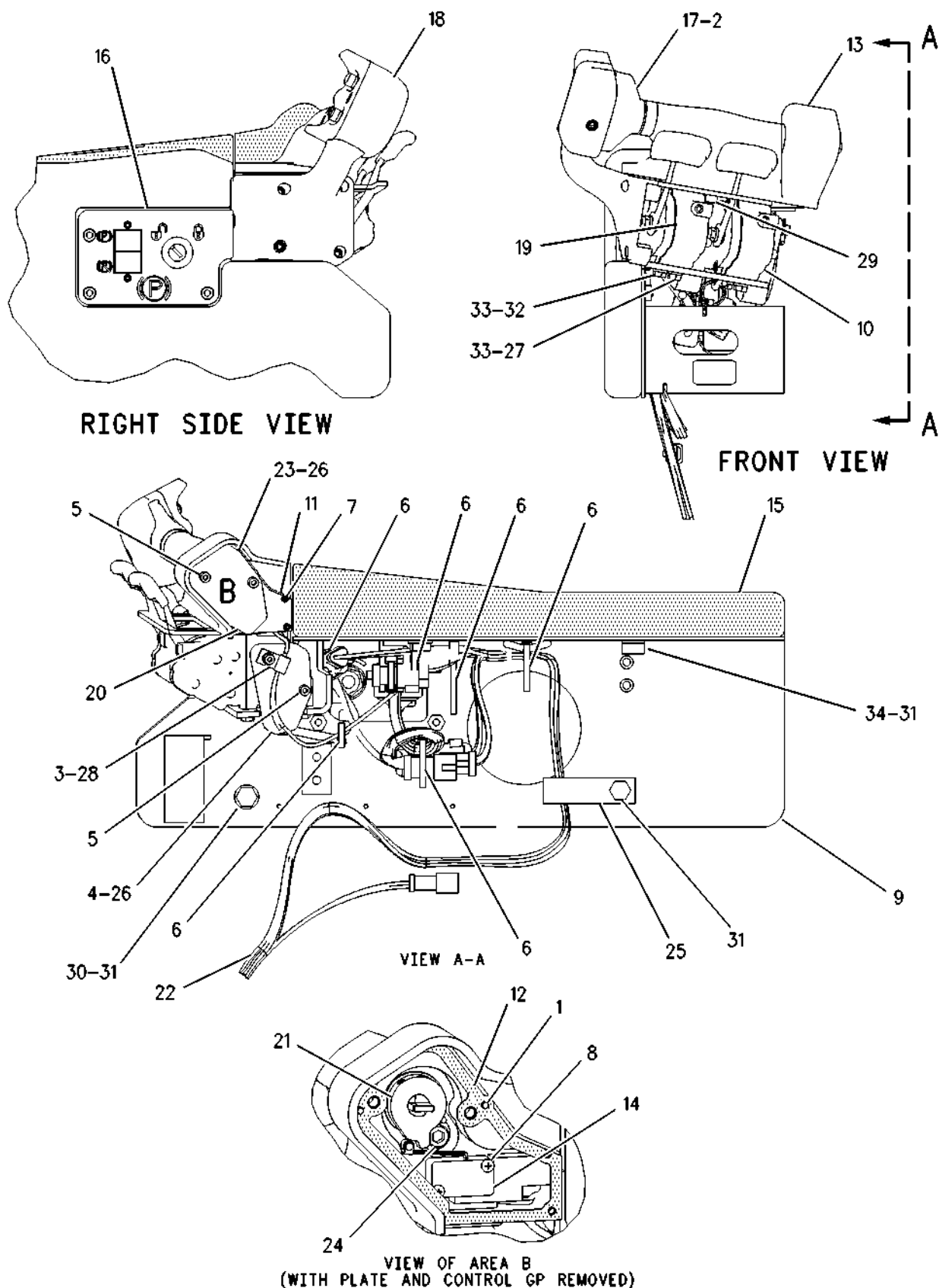
M-METRIC PART

Y-SEPARATE ILLUSTRATION

STEERING AND BRAKING SYSTEM

122-1512 CONTROL GP-STEERING & TMSN (contd.)

i01843793



GRAPHIC #1

<END>

g01006986

STEERING AND BRAKING SYSTEM

124-2356 CONTROL GP-STEERING & TMSN

S/N: 7PZ1-UP

PART OF 115-7412 CONTROL & MTG GP-TRANSMISSION

SMCS-4122

i01423796

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	9X-6772	3	STRAP-CABLE	
Y	2	1	122-1512	1	CONTROL GP-STEERING & TMSN	626
	3	1	122-8026	1	PLATE	
	4	1	123-3283	1	PLATE AS	
M		1	6V-9632	2	NUT-WELD (M6X1 THD)	
	5	1	123-9176	1	COVER	
Y	6	1	124-2354	1	ADJUSTER GP-STEER & TMSN CONT	620
	7	1	143-0013	1	BELLOWS AS	
	8	1	4P-7581	2	CLIP	
M	9	1	5C-9553	2	BOLT (M6X1X16MM)	
	10	1	5P-4116	2	WASHER-HARD (8.8X20.5X2MM THK)	
M	11	1	8T-4200	9	BOLT (M8X1.25X16MM)	
	12	1	8T-4224	7	WASHER-HARD (8.8X16X2MM THK)	
M	13	1	9X-2043	5	SCREW-TRUSS HEAD (M6X1X14MM)	
	14	1	9X-8256	2	WASHER (6.6X12X2MM THK)	
B	15	1	4P-7581	1	CLIP	
B	16	1	9X-6772	1	STRAP-CABLE	

B-USE AS REQUIRED

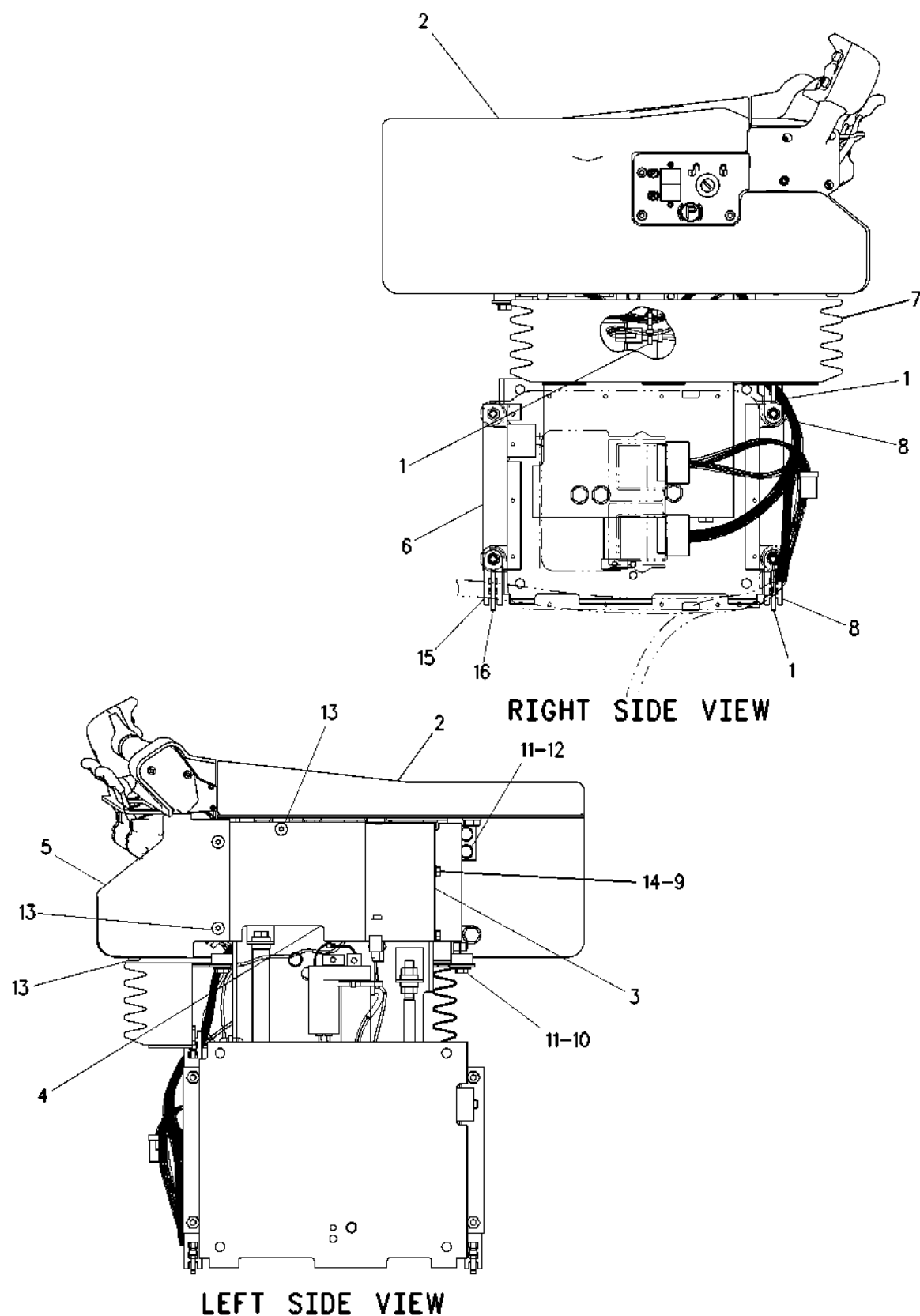
M-METRIC PART

Y-SEPARATE ILLUSTRATION

STEERING AND BRAKING SYSTEM

124-2356 CONTROL GP-STEERING & TMSN (contd.)

i01423796



GRAPHIC #1

<END>

g00272535

STEERING AND BRAKING SYSTEM

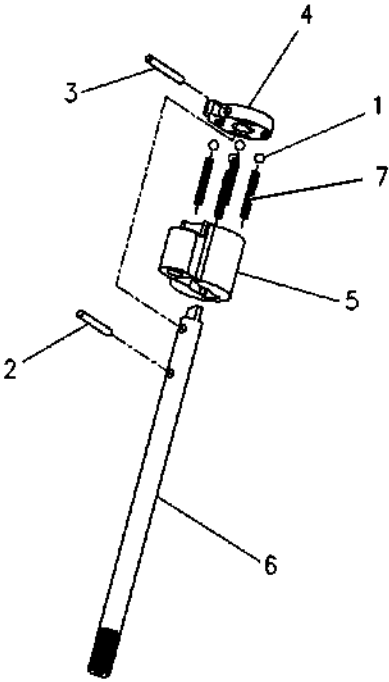
127-2945 DETENT GP-STEERING

S/N: 7PZ1-UP

PART OF 122-1512 CONTROL GP-STEERING & TMSN

i00745829

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		4	BALL						
Z	2	1		1	DOWEL						
Z	3	1		1	PIN-SPRING						
Z	4	1		1	DETENT						
Z	5	1		1	BEARING						
Z	6	1		1	SHAFT						
Z	7	1		4	SPRING						
Z - NOT SERVICED SEPARATELY											



GRAPHIC #1

<END>

g00333449

STEERING AND BRAKING SYSTEM

122-7372 GEAR GP-STEERING

S/N: 7PZ1-UP

PART OF 122-1512 CONTROL GP-STEERING & TMSN
FIELD REPLACEMENT FOR 125-9664—PAGE 635

SMCS-4301

i01745189

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	PLUG-PIPE						
Z	2	1		2	SEAL-LIP						
M	3	1	129-3178	1	LOCKNUT (M6X1 THD)						
Z	4	1		1	SETSCREW						
Z	5	1		3	BOLT-SOCKET HEAD (M3X0.5X12MM)						
Z	6	1		1	GEAR AS (40 TEETH)						
Z	7	1		1	GEAR AS (100 TEETH)						
Z	8	1		1	SLEEVE						
Z	9	1		1	SPRING-TORSION						
Z	10	1		1	SPRING-TORSION						
Z	11	1		1	PLATE						
Z	12	1		1	GASKET						
Z	13	1		1	HOUSING AS						
Z	14	1		1	COVER AS						
	15	1	124-3702	1	LEVER AS						
		1	2K-8467	1	PIN-SPRING						
M	16	1	125-3298	4	BOLT-SOCKET HEAD						
	17	1	9X-8256	1	WASHER (6.6X12X2MM THK)						

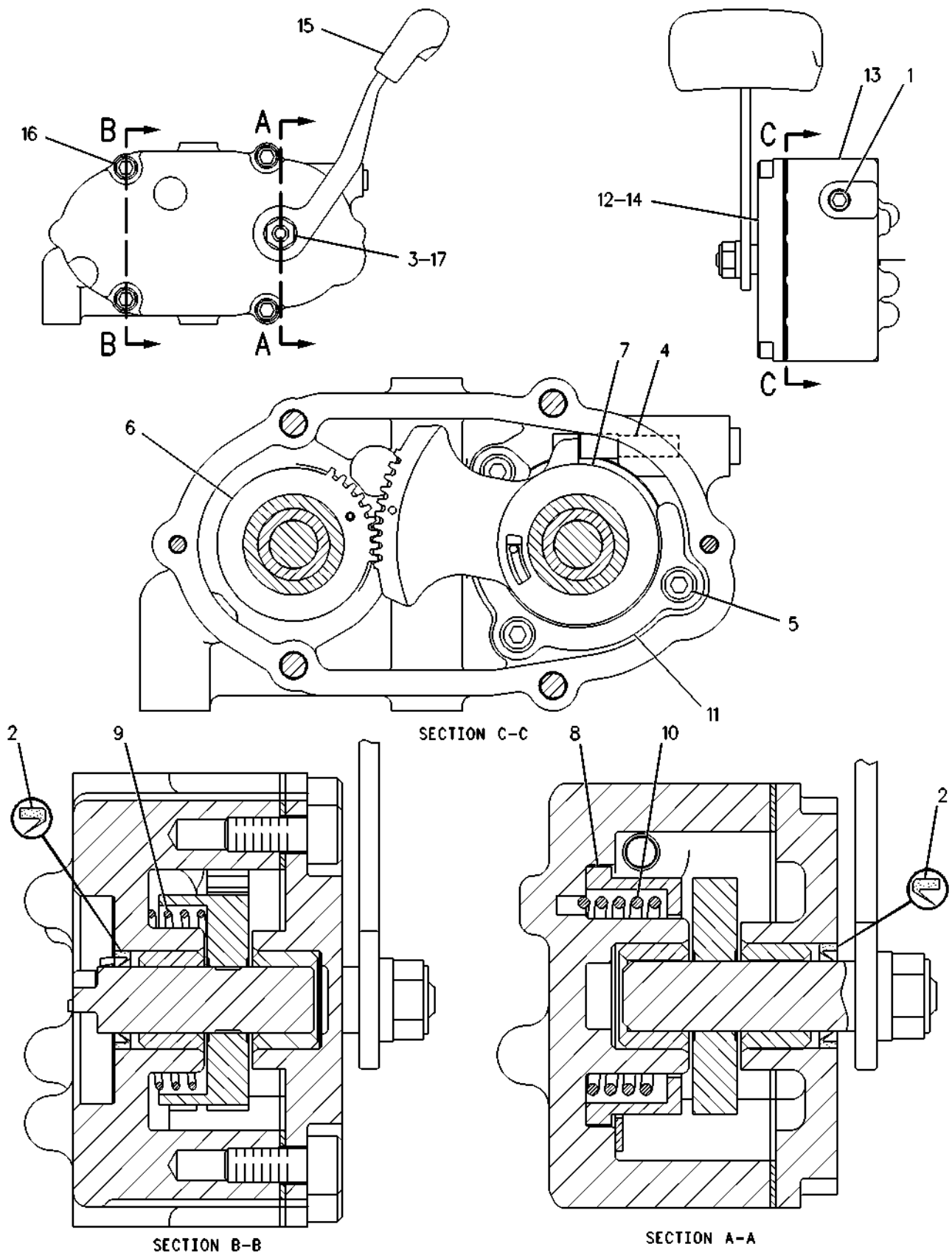
M-METRIC PART

Z-NOT SERVICED SEPARATELY

STEERING AND BRAKING SYSTEM

122-7372 GEAR GP-STEERING (contd.)

i01745189



GRAPHIC #1

<END>

g00252547

STEERING AND BRAKING SYSTEM

125-9664 GEAR GP-STEERING

S/N: 7PZ1-UP

PART OF 122-1512 CONTROL GP-STEERING & TMSN

FIELD REPLACEMENT ORDER 122-7372-PAGE 633, 4-125-3299 BOLT-SOCKET HEAD

SMCS-4301

i01745193

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	PLUG-PIPE						
Z	2	1		2	SEAL-LIP						
M	3	1	129-3178	1	LOCKNUT (M6X1 THD)						
Z	4	1		1	SETSCREW						
Z	5	1		3	BOLT-SOCKET HEAD (M3X0.5X12MM)						
Z	6	1		1	GEAR AS (40 TEETH)						
Z	7	1		1	GEAR AS (100 TEETH)						
Z	8	1		1	SLEEVE						
Z	9	1		1	SPRING-TORSION						
Z	10	1		1	SPRING-TORSION						
Z	11	1		1	PLATE						
Z	12	1		1	GASKET						
Z	13	1		1	HOUSING AS						
Z	14	1		1	COVER AS						
	15	1	124-3702	1	LEVER AS						
		1	2K-8467	1	PIN-SPRING						
M	16	1	125-3299	4	BOLT-SOCKET HEAD (M5X0.8X25MM)						
	17	1	9X-8256	1	WASHER (6.6X12X2MM THK)						

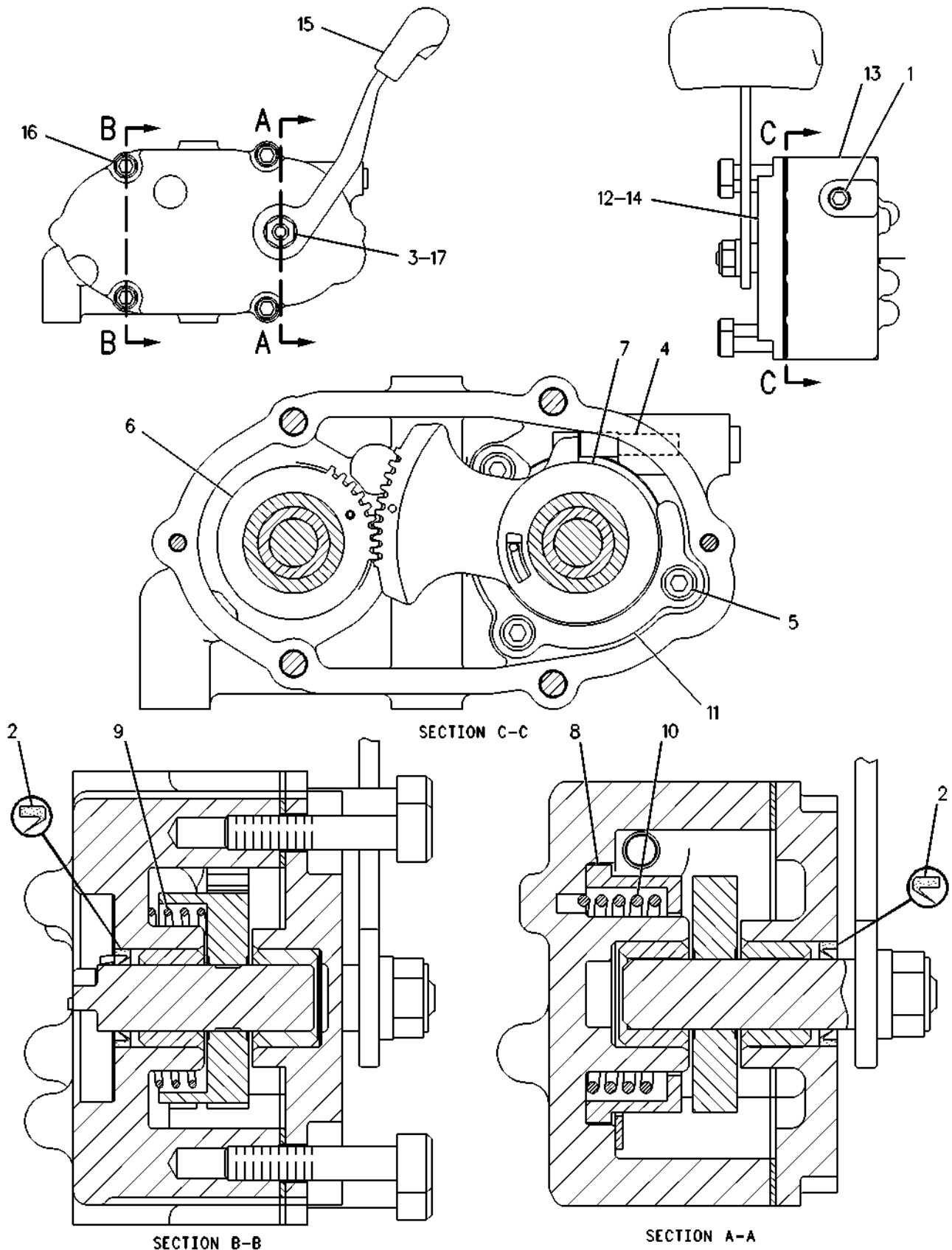
M-METRIC PART

Z-NOT SERVICED SEPARATELY

STEERING AND BRAKING SYSTEM

125-9664 GEAR GP-STEERING (contd.)

i01745193



GRAPHIC #1

<END>

g00252542

STEERING AND BRAKING SYSTEM

133-3246 MANIFOLD & VALVE GP-PARKING, SECONDARY BRAKE

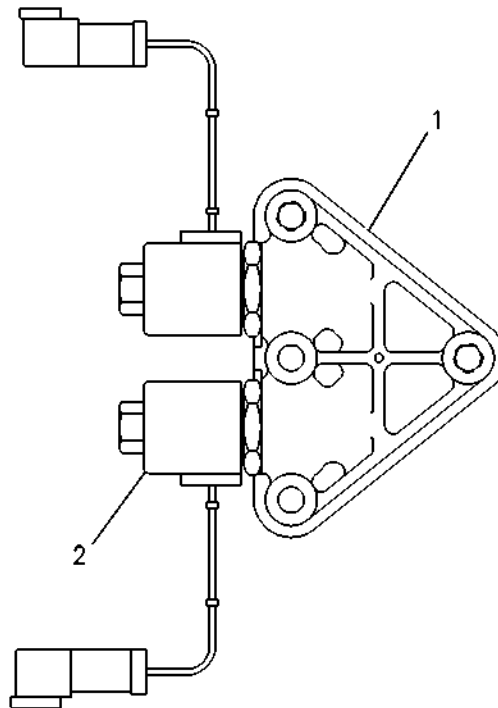
S/N: 7PZ1-406

PART OF 133-3255 VALVE GP-STEERING & BRAKE CONT

SMCS-3206, 5479

i01232208

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	132-9455	1	MANIFOLD	
Y	2	1	133-2250	2	VALVE GP-SOLENOID (24 VOLT)	486
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g00257857

STEERING AND BRAKING SYSTEM

137-8795 MANIFOLD & VALVE GP—RH, LH STEERING CLUTCH, BRAKE

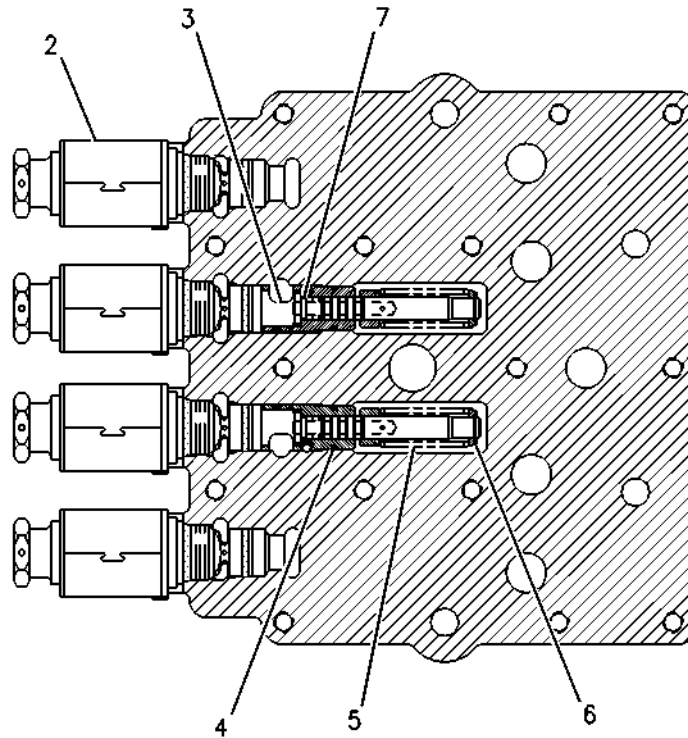
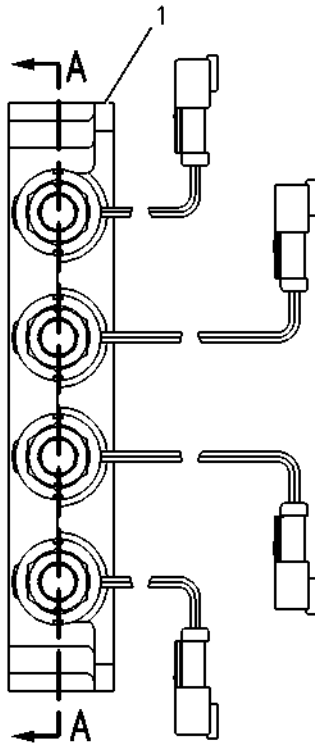
S/N: 7PZ1-406

PART OF 133-3255 VALVE GP-STEERING & BRAKE CONT

SMCS-3206, 5479

i01742987

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	111-3199	1	MANIFOLD						
Y	2	1	121-4030	4	VALVE GP-SOLENOID						485
	3	1	137-8794	2	SPOOL AS						
					(EACH INCLUDES)						
	4	1	5L-4758	1	SEAL-O-RING						
	5	1	137-8793	1	SPRING						
	6	1	3D-7943	1	RING-RETAINING						
	7	1	1P-1744	2	DOWEL						
Y-SEPARATE ILLUSTRATION											



SECTION A-A

GRAPHIC #1

<END>

g00262745

STEERING AND BRAKING SYSTEM

164-6093 MANIFOLD & VALVE GP—RH, LH STEERING CLUTCH, BRAKE

S/N: 7PZ407-UP

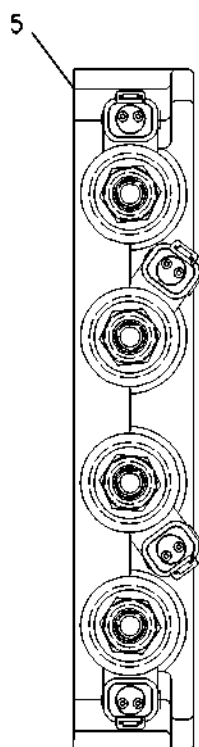
PART OF 201-7272 VALVE GP-STEERING & BRAKE CONT

SMCS-3206, 5479

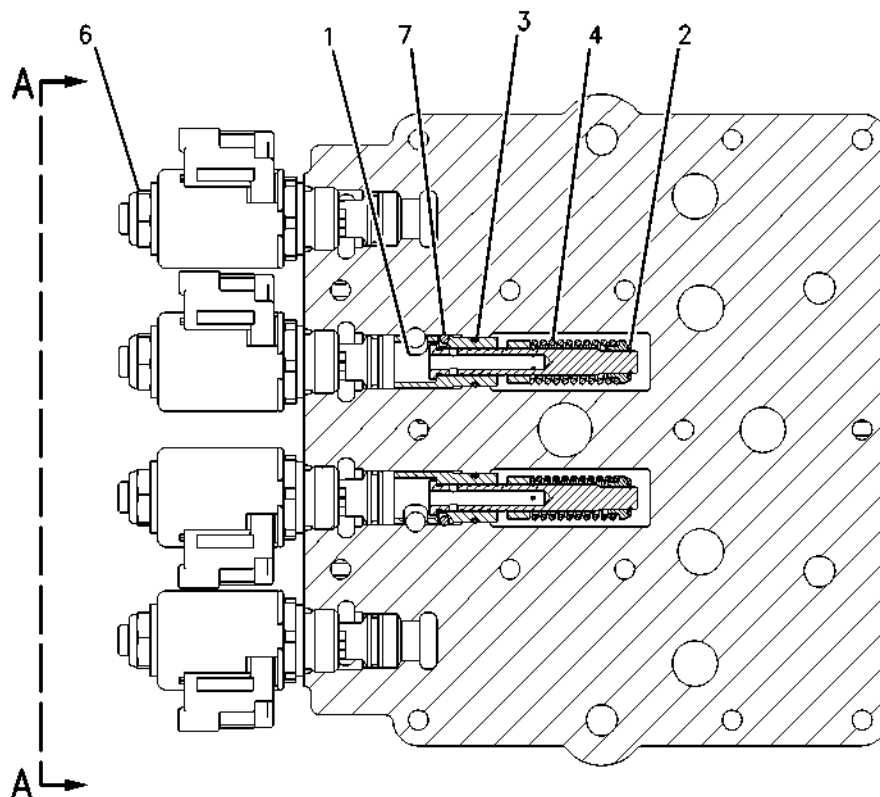
i01576803

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	137-8794	2	SPOOL AS	
					(EACH INCLUDES)	
	2	1	3D-7943	1	RING-RETAINING	
	3	1	5L-4758	1	SEAL-O-RING	
	4	1	137-8793	1	SPRING	
	5	1	111-3199	1	MANIFOLD	
Y	6	1	174-4909	4	VALVE GP-SOLENOID	489
	7	1	1P-1744	2	DOWEL	

Y-SEPARATE ILLUSTRATION



VIEW A-A



GRAPHIC #1

<END>

g00753145

STEERING AND BRAKING SYSTEM

175-4972 MANIFOLD & VALVE GP—RH, LH STEERING CLUTCH, BRAKE

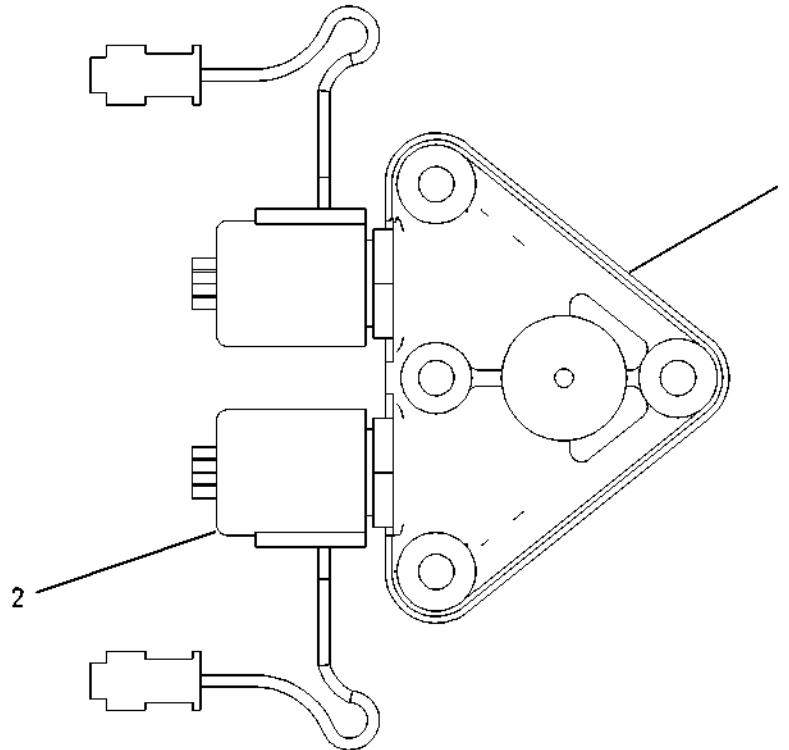
S/N: 7PZ407-UP

PART OF 201-7272 VALVE GP-STEERING & BRAKE CONT

SMCS-3206, 5479

i01914396

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	132-9455	1	MANIFOLD	
Y	2	1	172-2392	2	VALVE GP-SOLENOID (PARKING & SECONDARY BRAKE)	488
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g00653425

STEERING AND BRAKING SYSTEM

125-0583 SUPPORT GP-CONTROL-UPSHIFT, DOWNSHIFT

S/N: 7PZ1-UP

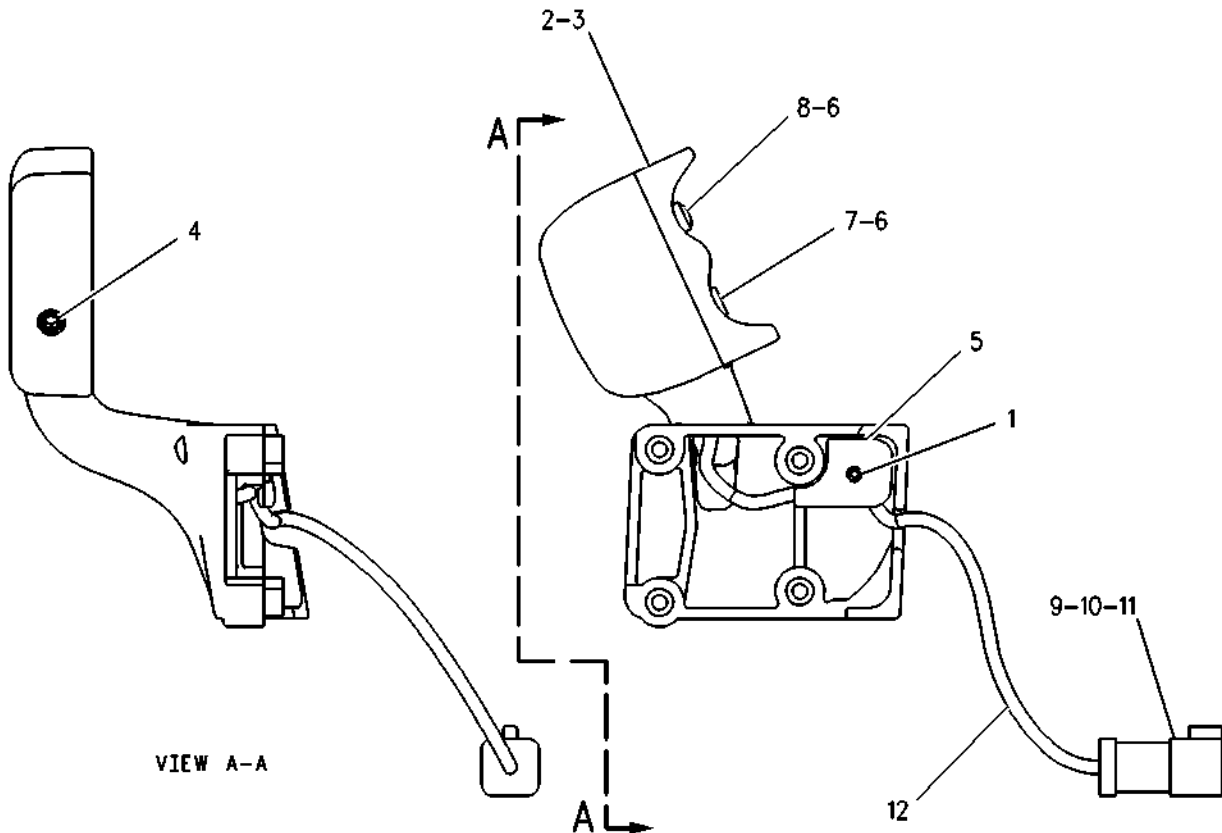
PART OF 122-1512 CONTROL GP-STEERING & TMSN

SMCS-4122

i01988855

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	9X-8902	1	BOLT-SOCKET HEAD (M3X0.5X8MM)						
	2	1	5P-8907	1	SEAL-O-RING						
	3	1	125-0582	1	COVER AS						
M	4	1	125-3298	1	BOLT-SOCKET HEAD (M5X.8X12MM)						
	5	1	125-8826	1	COVER						
	6	1	131-0447	2	NUT (15/32-32THD)						
	7	1	132-7419	1	SWITCH AS-PUSH BUTTON (DOWNSHIFT)						
		1	144-0331	1	CAP-PUSH BUTTON						
	8	1	132-7450	1	SWITCH AS-PUSH BUTTON (UPSHIFT)						
		1	144-0331	1	CAP-PUSH BUTTON						
	9	1	151-9275	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	10	1	8T-8729	6	PIN-CONNECTOR						
	11	1	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
BD	12	1	6V-2689		TUBE-HEAT SHRINK						

B-USE AS REQUIRED
D-ORDER BY THE METER
M-METRIC PART



GRAPHIC #1

<END>

g00629711

STEERING AND BRAKING SYSTEM

115-7414 VALVE & MTG GP-STEER & BRAKE

S/N: 7PZ1-406

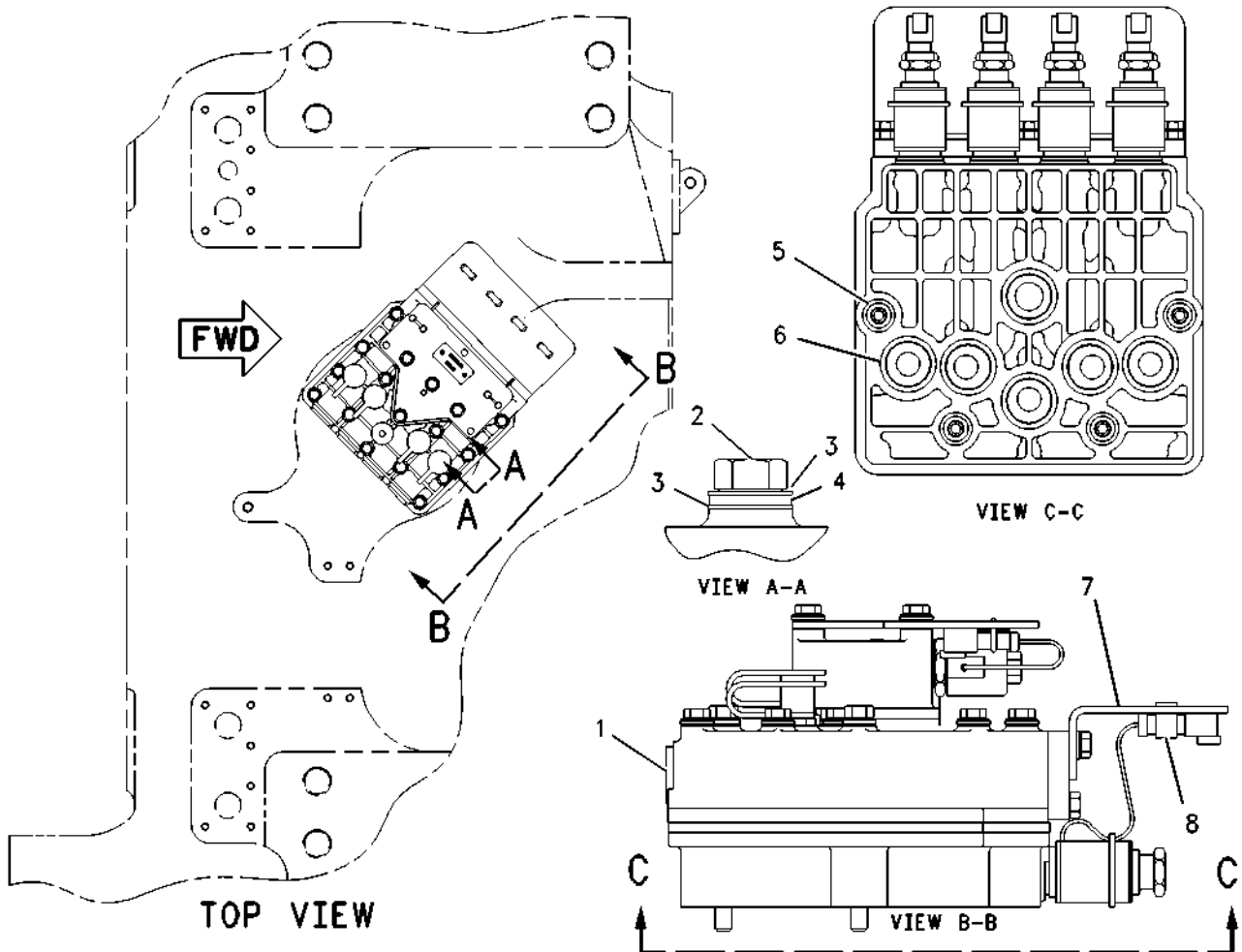
PART OF 112-9167 POWER TRAIN AR

SMCS-4120

i01565051

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	133-3255	1	VALVE GP-TRANSMISSION CONTROL						644
	2	1	1A-5183	4	BOLT (3/8-16X4.75 IN)						
	3	1	9S-1018	8	WASHER (9.73X19.05X.84MM THK)						
	4	1	3S-0004	4	WASHER (0.406X0.728X0.09 IN THK)						
	5	1	8M-4438	4	SEAL-O-RING						
	6	1	8M-5254	6	SEAL-O-RING						
	7	1	114-3926	1	PLATE						
	8	1	9X-6772	4	STRAP-CABLE						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00344461

STEERING AND BRAKING SYSTEM

202-7400 VALVE & MTG GP-STEER & BRAKE

S/N: 7PZ407-UP

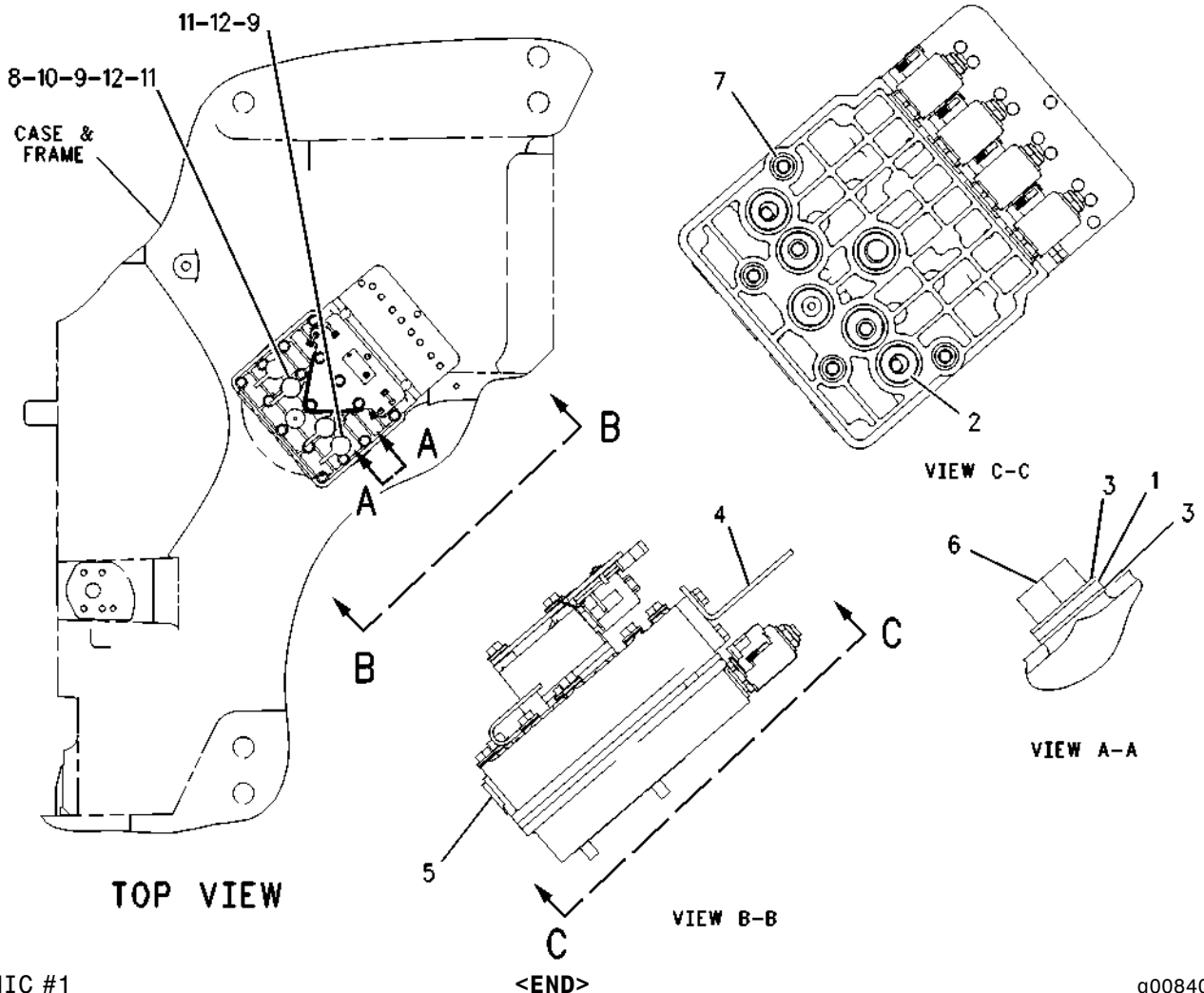
PART OF 112-9167 POWER TRAIN AR

SMCS-4120

i01988856

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3S-0004	4	WASHER (0.406X0.728X0.09 IN THK)	
	2	1	8M-5254	6	SEAL-O-RING	
	3	1	9S-1018	8	WASHER (9.73X19.05X.84MM THK)	
	4	1	114-3926	1	PLATE	
Y	5	1	201-7272	1	VALVE GP-STEERING & BRAKE CONT	646
	6	1	1A-5183	4	BOLT (3/8-16X4.75 IN)	
	7	1	8M-4438	4	SEAL-O-RING	
	8	1	2M-9780	2	SEAL-O-RING	
	9	1	3J-1907	4	SEAL-O-RING	
	10	1	5P-1404	2	ADAPTER-O-RING	
	11	1	6V-0852	4	CAP-DUST	
	12	1	6V-3965	4	FITTING (QUICK DISCONNECT)	

Y-SEPARATE ILLUSTRATION



g00840700

STEERING AND BRAKING SYSTEM

133-3255 VALVE GP-TRANSMISSION CONTROL

S/N: 7PZ1-406

PART OF 115-7414 VALVE & MTG GP-STEER & BRAKE

SMCS-4120

i01442340

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	137-8795	1	MANIFOLD & VALVE GP	638
	2	1	108-4434	1	PLATE-SEPARATOR	
Y	3	1	137-8796	1	VALVE GP-TRANSMISSION CONTROL	490
	4	1	132-9899	1	PLATE	
Y	5	1	133-3246	1	MANIFOLD & VALVE GP	637
	6	1	132-9900	1	PLATE	
	7	1	185-3503	2	SEAL-O-RING	
	8	1	176-0259	2	PLUG	
M	9	1	8T-3647	11	BOLT (M8X1.25X80MM)	
	10	1	3S-2093	8	STRAP-CABLE	
	11	1	9P-9150	36	WASHER (8.25X18X.84MM THK)	
	12	1	185-3502	2	SEAL-O-RING	
	13	1	9L-9068	4	DOWEL	
	14	1	1T-0738	16	WASHER (8.4X19X1.83MM THK)	
M	15	1	8T-4177	2	BOLT (M8X1.25X90MM)	
M	16	1	7X-2541	3	BOLT (M8X1.25X140MM)	
	17	1	176-0258	2	PLUG	
	18	1	4J-7533	4	SEAL-O-RING	

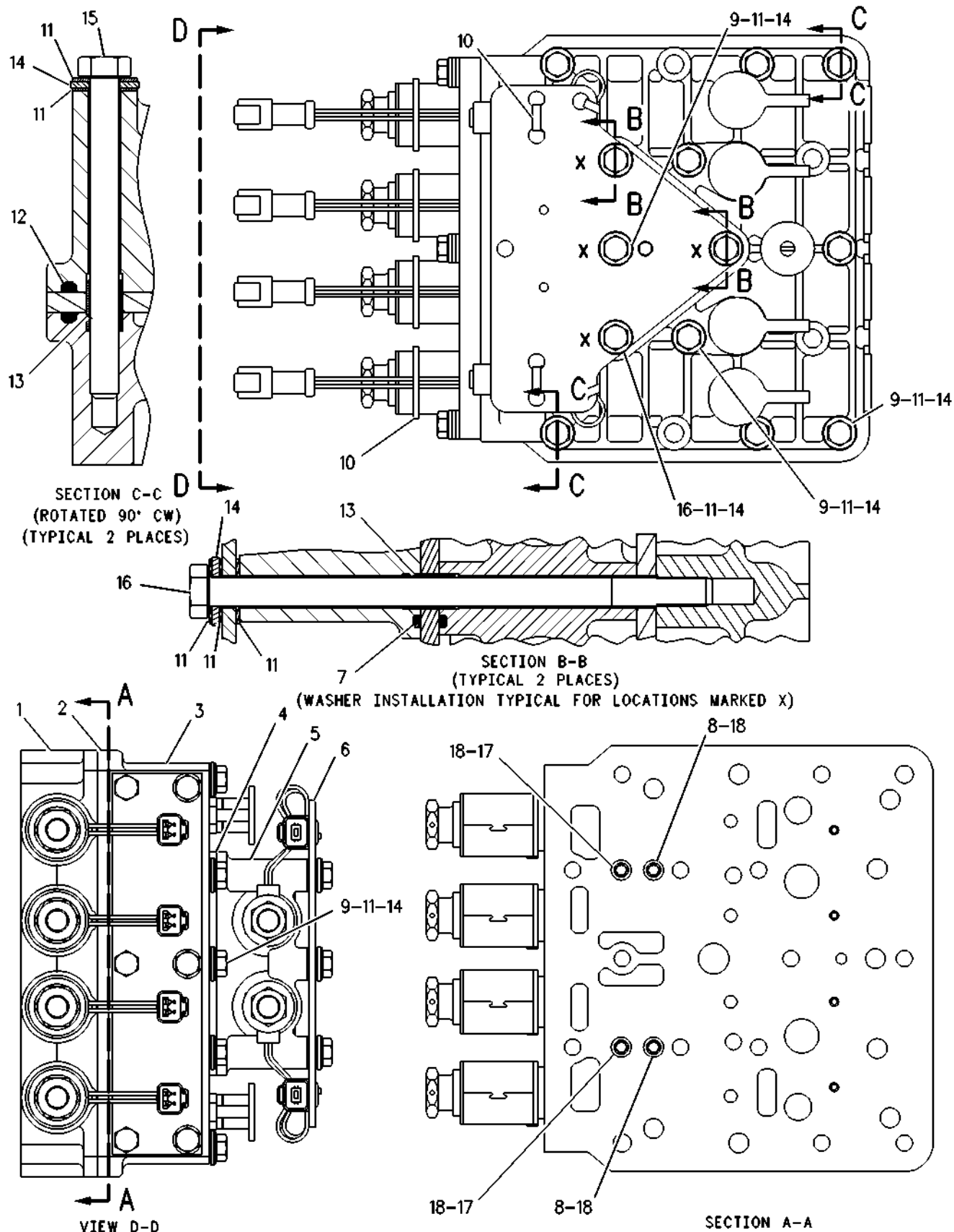
M-METRIC PART

Y-SEPARATE ILLUSTRATION

STEERING AND BRAKING SYSTEM

133-3255 VALVE GP-TRANSMISSION CONTROL (contd.)

i01442340



GRAPHIC #1

<END>

g00330560

STEERING AND BRAKING SYSTEM

201-7272 VALVE GP-TRANSMISSION CONTROL

S/N: 7PZ407-UP

PART OF 202-7400 VALVE & MTG GP-STEER & BRAKE

SMCS-4120

i01551733

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9P-9150	36	WASHER (8.25X18X.84MM THK)	
Y	2	1	164-6093	1	MANIFOLD & VALVE GP	639
	3	1	176-0258	2	PLUG	
	4	1	108-4434	1	PLATE-SEPARATOR	
	5	1	132-9899	1	PLATE	
	6	1	132-9900	1	PLATE	
Y	7	1	175-4972	1	MANIFOLD & VALVE GP	640
Y	8	1	201-7270	1	VALVE GP-TRANSMISSION CONTROL	491
	9	1	1T-0738	16	WASHER (8.4X19X1.83MM THK)	
	10	1	3S-2093	4	STRAP-CABLE	
	11	1	185-3503	2	SEAL-O-RING	
	12	1	4J-7533	4	SEAL-O-RING	
	13	1	185-3502	2	SEAL-O-RING	
	14	1	176-0259	2	PLUG	
M	15	1	7X-2541	3	BOLT (M8X1.25X140MM)	
M	16	1	8T-3647	11	BOLT (M8X1.25X80MM)	
M	17	1	8T-4177	2	BOLT (M8X1.25X90MM)	
	18	1	9L-9068	4	DOWEL	

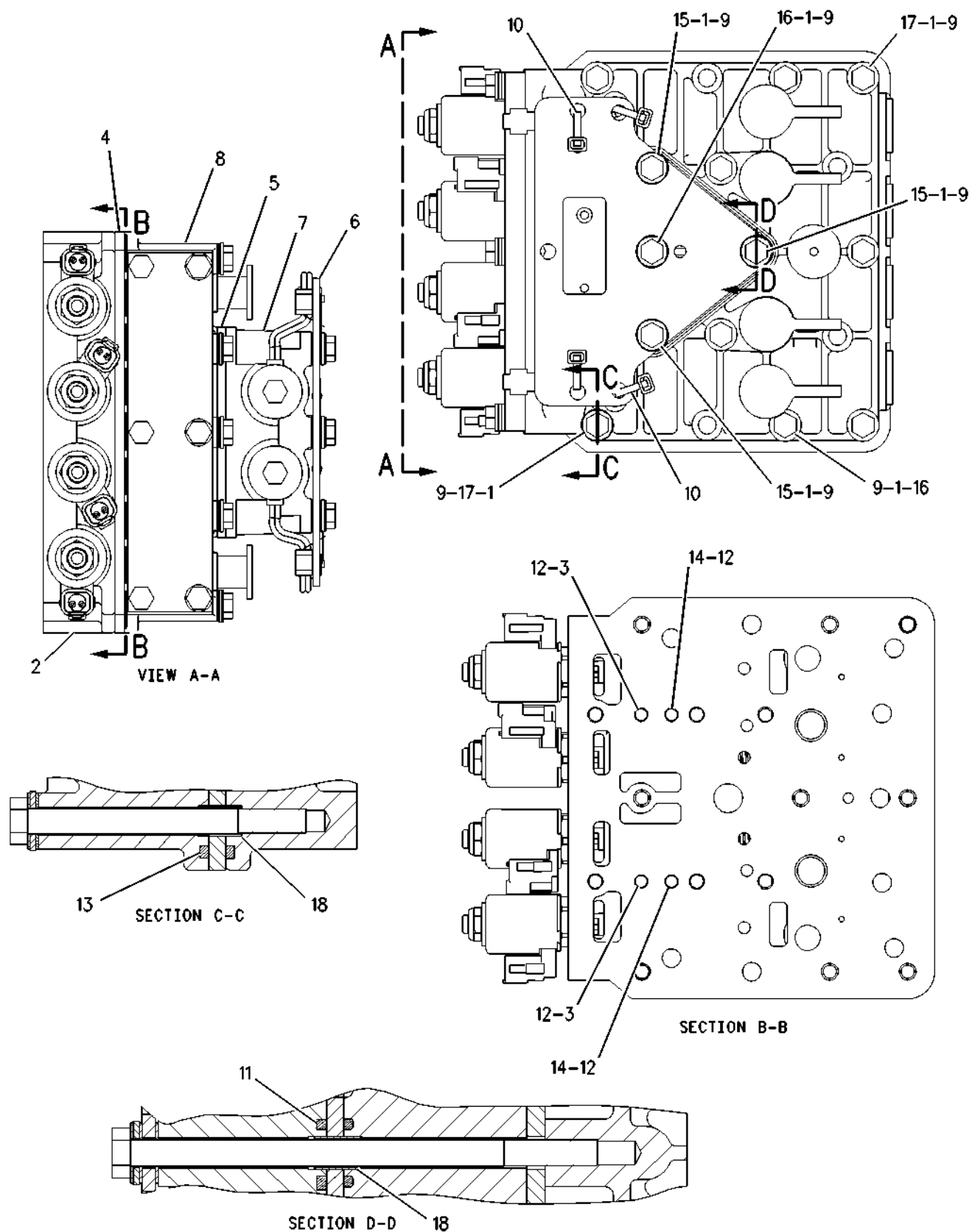
M-METRIC PART

Y-SEPARATE ILLUSTRATION

STEERING AND BRAKING SYSTEM

201-7272 VALVE GP-TRANSMISSION CONTROL (contd.)

i01551733



GRAPHIC #1

<END>

g00769056

HYDRAULIC SYSTEM

113-1050 ACCUMULATOR GP-HYDRAULIC-PILOT OIL

S/N: 7PZ1-UP

CHARGED

PART OF 173-1553 LINES GP-PUMP

FIELD REPLACEMENT ORDER 157-5544-PAGE 648

SMCS-5077

i01925452

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	170-0503	1	FILM (PLATE-NAME)						
	183-7600	1	PISTON						
	158-2336	1	VALVE-GAS						
			AVAILABLE REPAIR KIT(S) :						
	160-0496	1	KIT-ACCUMULATOR SERVICE						
			(INCLUDES SEALS)						
			<END>						

157-5544 ACCUMULATOR GP-HYDRAULIC-UNCHARGED

S/N: 7PZ1-UP

FIELD REPLACEMENT FOR 113-1050-PAGE 648

SMCS-5077

i01925508

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
			(NO SERVICED PARTS)						
			<END>						

HYDRAULIC SYSTEM

9T-4945 BYPASS GP-FILTER-HYDRAULIC TANK

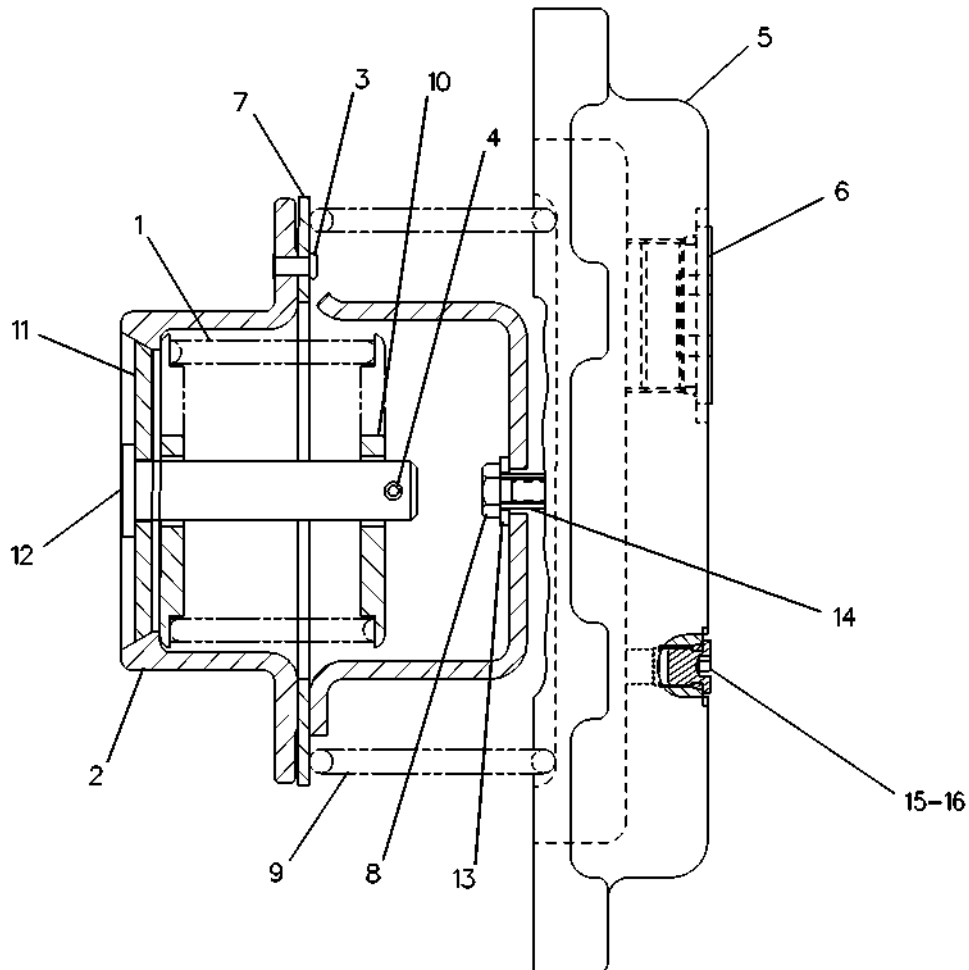
S/N: 7PZ1-UP

PART OF 163-0575 TANK & FILTER GP-HYDRAULIC

SMCS-5093

i01988857

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3G-3273	1	SPRING						
	2	1	9T-1958	1	HOUSING-BYPASS						
	3	1	8M-0776	3	RIVET-POP						
	4	1	6H-3956	1	PIN						
	5	1	9T-4852	1	COVER						
	6	1	9S-8010	1	PLUG						
		1	2S-4078	1	SEAL-O-RING						
	7	1	9T-1959	1	RETAINER AS						
	8	1	034-3557	1	BOLT-LOCKING (3/8-16X1.125 IN)						
	9	1	7J-2983	1	SPRING						
	10	1	7J-2994	2	RETAINER						
	11	1	7J-2987	1	PLATE-VALVE						
	12	1	7J-2988	1	SHAFT						
	13	1	5P-8245	1	WASHER-HARD (13.5X25.5X3MM THK)						
	14	1	4V-6698	1	SPACER (10MM ID X 16MM THK)						
	15	1	9S-8002	1	PLUG						
	16	1	3J-7354	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00275607

HYDRAULIC SYSTEM

232-3780 CONTROL & MOUNTING GP

S/N: 7PZ686-UP

PART OF 194-3684 CONTROL & MTG GP-IMPLEMENT
FIELD REPLACEMENT FOR 177-4980—PAGE 657

SMCS-5050

i02029725

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	180-9899	1	CONTROL GP-JOYSTICK (BLADE)	661
	2	1	188-1082	1	BASE AS	
M	2A	1	6V-9671	4	SCREW-MACHINE (M3X0.5X12-MM)	
	2B	1	8C-9660	4	WASHER (4.6X7.9X0.8-MM THK)	
	2C	1	175-1529	1	BOOT	
	2D	1	205-2941	4	SCREW-FLAT HEAD (M5X.08X2.8-MM)	
	3	1	189-2305	2	DETENT GP-CONTROL (IMPLEMENT)	
M	4	1	192-4658	4	SCREW-PAN HEAD (M4X.7X20-MM)	
M	5	1	193-4476	8	SCREW-PAN HEAD (M4X.7X35-MM)	
Y	6	1	230-6266	1	SENSOR GP-POSITION (LIFT BLADE)	336
Y	7	1	230-6267	1	SENSOR GP-POSITION (TILT BLADE)	337
	8	1	151-4977	12	WASHER (4.445X9.525X1.0922-MM THK)	
	9	1	175-3265	1	SCREW (8-16X0.63-IN)	
	10	1	2K-4898	1	CLAMP-TUBE	
	11	1	4B-9808	2	SETSCREW (1/4-20X0.5-IN)	
	12	1	174-3091	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	13	1	8T-8729	11	PIN-CONNECTOR	
	14	1	8T-8737	1	PLUG-SEAL	
	16	1	208-6081	1	SLEEVE	

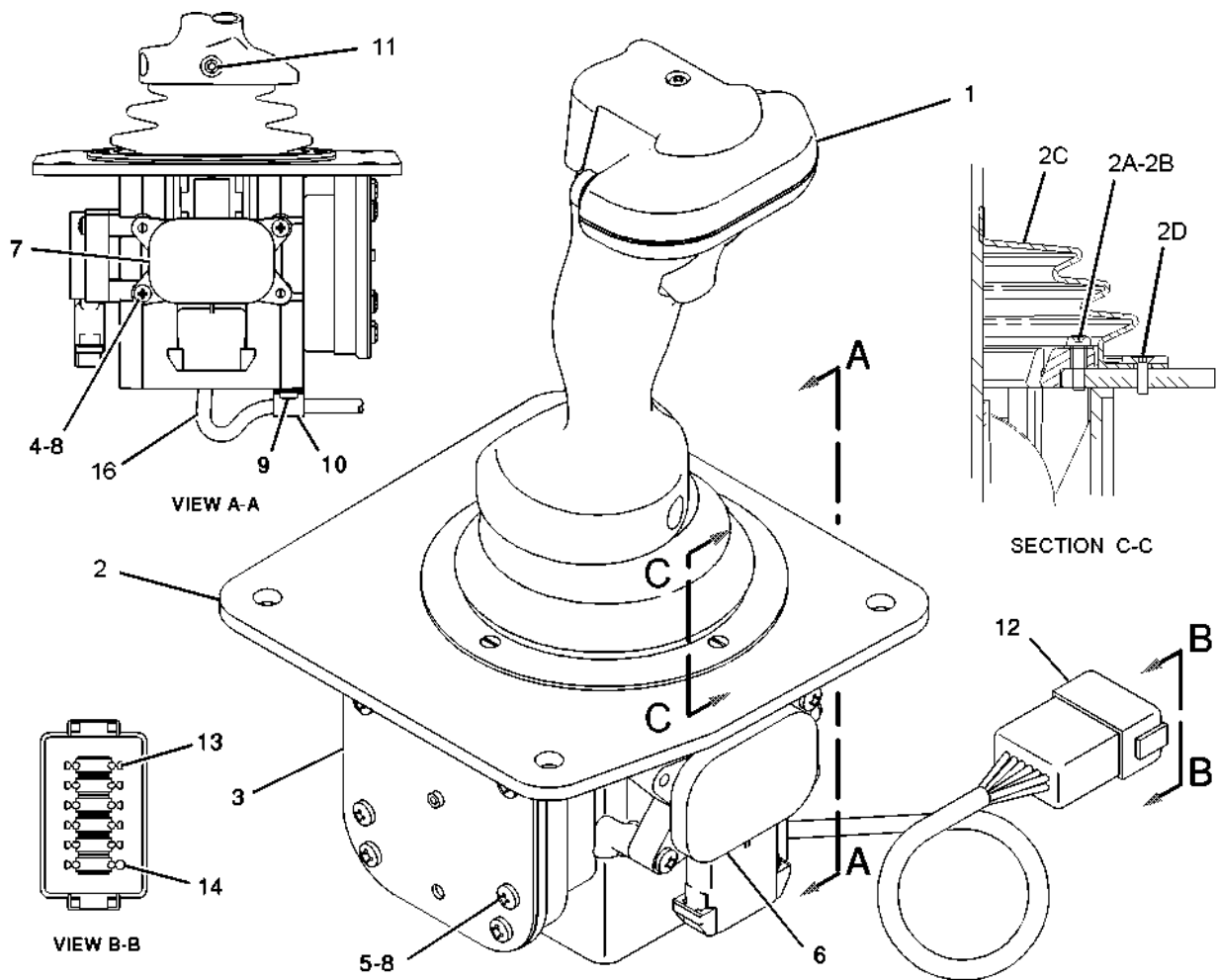
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

232-3780 CONTROL & MOUNTING GP (contd.)

i02029725



GRAPHIC #1

<END>

g01016217

HYDRAULIC SYSTEM

155-5553 CONTROL AR-HYDRAULIC

S/N: 7PZ1-UP

PART OF 155-5550 GENERAL AR

SMCS-5050, 5057, 5170, 5357

i01988877

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	173-3263	1	CONTROL & MTG GP-ELECTRONIC						275
Y	174-3119	1	CONTROL & MTG GP-IMPLEMENT						1020
			S/N: 7PZ1-563						
Y	194-3684	1	CONTROL & MTG GP-IMPLEMENT						1022
			S/N: 7PZ564-UP						
Y	131-2101	1	LINES GP-LIFT CYLINDER						753
Y	173-1553	1	LINES GP-PUMP						763
Y	158-8042	1	LINES GP-TILT CYLINDER						814
Y	6E-5294	1	PUMP GP-GEAR						830
			S/N: 7PZ1-651						
Y	227-9383	1	PUMP GP-GEAR						832
			S/N: 7PZ652-UP						
Y	172-6977	1	VALVE GP-CONTROL						865
			S/N: 7PZ407-519						
Y	204-5575	1	VALVE GP-CONTROL						871
			S/N: 7PZ520-UP						
Y	151-0241	1	VALVE GP-TILT CONTROL						914
			S/N: 7PZ1-675						
Y	225-2321	1	VALVE GP-TILT CONTROL						915
			S/N: 7PZ676-UP						
Y	145-6054	1	VALVE GP-PILOT						883
			S/N: 7PZ1-406						
Y	135-9446	1	VALVE GP-PILOT						879
			S/N: 7PZ407-651						
Y	173-3204	1	VALVE GP-PILOT						884
			S/N: 7PZ652-UP						
	153-6280	1	PLUG AS						
	102-8805	1	KIT-RECEPTACLE (6-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	9G-3695	3	PLUG (GROMMET SEALING)						
Y-SEPARATE ILLUSTRATION									

<END>

HYDRAULIC SYSTEM

158-8044 CONTROL AR-HYDRAULIC-SINGLE TILT

S/N: 7PZ1-UP

AN ATTACHMENT

SMCS-5050, 5057, 5170, 5357

i01988879

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	180-2867	1	CONTROL & MTG GP- IMPLEMENT						1021
			S/N: 7PZ1-563						
Y	199-4194	1	CONTROL & MTG GP- IMPLEMENT						1024
			S/N: 7PZ564-UP						
Y	158-8043	1	LINES GP-TILT CYLINDER						818
	102-2913	1	FILM-INSTRUCTION (DOZER CONTROL)						
			(ON RH AIR DUCT)						
Y-SEPARATE ILLUSTRATION									
<END>									

173-1552 CONTROL AR-HYDRAULIC-RIPPER

S/N: 7PZ1-UP

AN ATTACHMENT

SMCS-5050, 5057, 5170, 5357

i01981219

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	135-0356	1	CONTROL & MTG GP- IMPLEMENT						1019
Y	173-1551	1	LINES GP-RIPPER						798
Y	237-7654	1	VALVE GP-CONTROL (IMPLEMENT)						876
			S/N: 7PZ735-UP						
Y	177-1407	1	VALVE GP-CONTROL						869
			S/N: 7PZ407-734						
Y	135-9446	1	VALVE GP-PILOT						879
			S/N: 7PZ1-406						
Y-SEPARATE ILLUSTRATION									
<END>									

HYDRAULIC SYSTEM

188-1079 CONTROL GP-HANDLE-BLADE

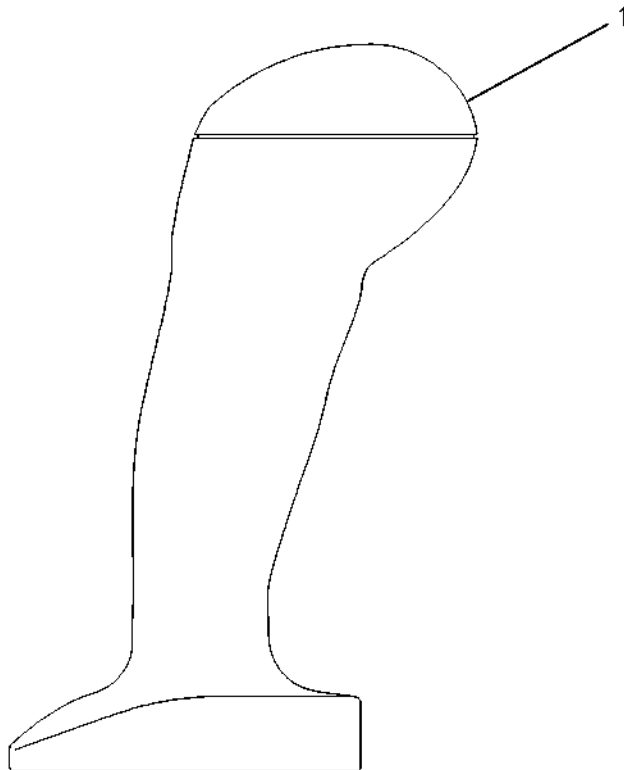
S/N: 7PZ564-UP

PART OF 185-8734, 232-3779 CONTROL GP-JOYSTICK
AN ATTACHMENT

SMCS-5063, 5705

i01499097

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	HANDGRIP AS						
Z-NOT SERVICED SEPARATELY											



GRAPHIC #1

<END>

g00721034

HYDRAULIC SYSTEM

183-3208 CONTROL GP-HYDRAULIC-RIPPER

S/N: 7PZ1-UP

PART OF 135-0356 CONTROL & MTG GP-IMPLEMENT
AN ATTACHMENT

SMCS-5063

i02005703

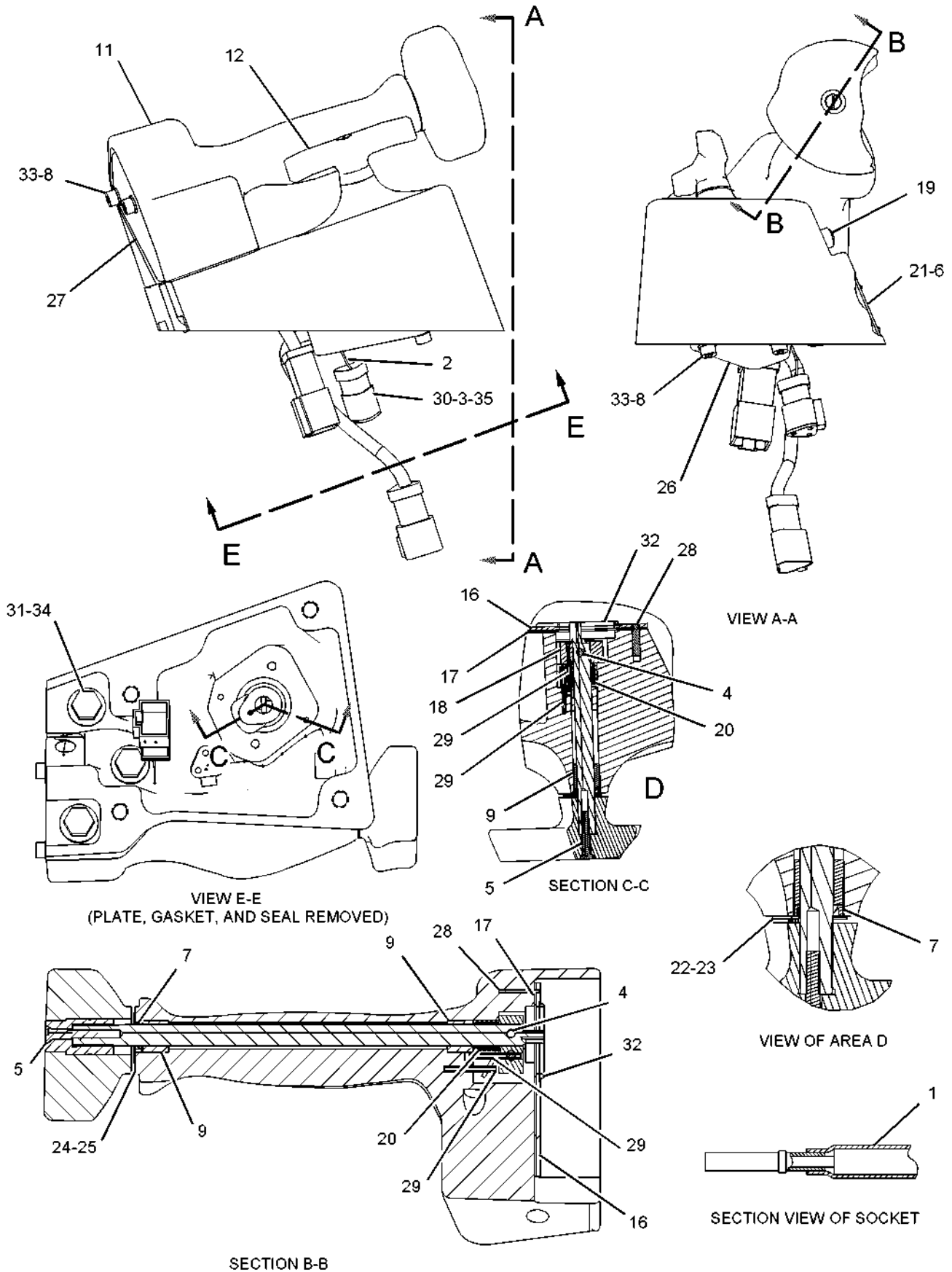
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
BE	1	1	7X-3159		TUBE-HEAT SHRINK	
BD	2	1	8T-5677		SLEEVE	
	3	1	3E-3368	1	WEDGE-PLUG LOCK	
	4	1	3K-4897	2	PIN-SPRING	
	5	1	4B-1270	2	SCREW-MACHINE (8-32X0.75 IN)	
	6	1	4B-4158	4	SCREW-DRIVE (3/16X0.25 IN)	
	7	1	8T-5410	2	SEAL-LIP TYPE	
M	8	1	8T-6699	4	BOLT-SOCKET HEAD (M5X.8X35MM)	
	9	1	112-0858	4	BEARING	
	11	1	137-5815	1	HANDLE (RIPPER CONTROL)	
	12	1	137-5816	1	LEVER-FINGER (RIPPER CONTROL) (TILT)	
	16	1	142-2526	2	PLATE	
	17	1	142-2527	2	GASKET	
	19	1	144-0326	1	SWITCH AS-PUSH BUTTON (RIPPER AUTO STOW)	
		1	144-0331	1	CAP-PUSH BUTTON	
	20	1	245-3856	2	SPRING	
	21	1	183-6726	1	PLATE-RIPPER	
B	22	1	195-7869	1	SHIM (0.15MM THK)	
B	23	1	195-7870	1	SHIM (0.51MM THK)	
B	24	1	195-7871	1	SHIM (0.25MM THK)	
B	25	1	195-7872	1	SHIM (.41MM THK)	
	26	1	219-2390	1	SENSOR GP-POSITION (RIPPER TILT)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	186-3735	3	PIN-CONNECTOR	
BE		1	9X-1813		SLEEVE	
BE		1	8C-7584		WIRE-ELECTRICAL	
		1	8T-8886	1	SEAL-LIP TYPE	
	27	1	219-2391	1	SENSOR GP-POSITION (RIPPER RAISE & LOWER)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)	
		1	186-3735	3	PIN-CONNECTOR	
		1	9G-3695	1	PLUG (GROMMET SEALING)	
BE		1	8C-7584		WIRE-ELECTRICAL	
		1	8T-8886	1	SEAL-LIP TYPE	
	28	1	1W-6448	4	DOWEL	
	29	1	2L-5894	4	PIN-SPRING	
	30	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS & WEDGE)	
	31	1	5S-7383	3	BOLT (3/8-16X1.75 IN)	
	32	1	6V-0894	2	SEAL-O-RING	
	33	1	8T-0328	4	WASHER-HARD (5.5X10X1MM THK)	
	34	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)	
	35	1	186-3736	3	SOCKET-CONNECTOR	

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
M-METRIC PART

HYDRAULIC SYSTEM

183-3208 CONTROL GP-HYDRAULIC (contd.)

102005703



GRAPHIC #1

<END>

g01037156

HYDRAULIC SYSTEM

177-4980 CONTROL GP-JOYSTICK-BLADE

S/N: 7PZ564-648

PART OF 194-3684 CONTROL & MTG GP-IMPLEMENT
FIELD REPLACEMENT ORDER 232-3780-PAGE 650

SMCS-5063

i01988876

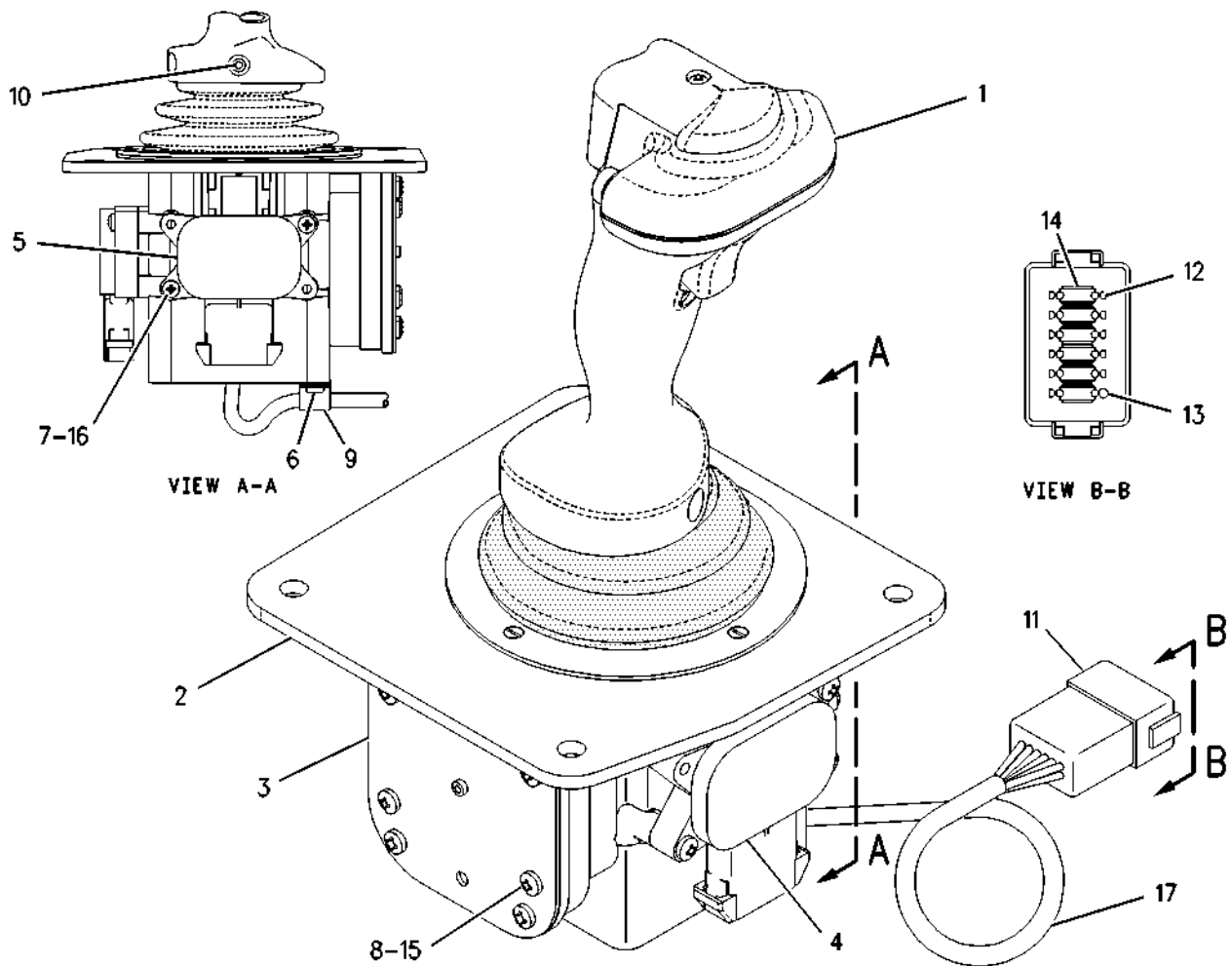
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	180-9899	1	CONTROL GP-JOYSTICK	661
	2	1	188-1082	1	BASE AS	
	3	1	189-2305	2	DETENT GP-CONTROL (IMPLEMENT)	
Y	4	1	196-9565	1	SENSOR GP-POSITION	333
Y	5	1	196-9566	1	SENSOR GP-POSITION	333
	6	1	175-3265	1	SCREW (8-16X0.63 IN)	
M	7	1	192-4658	4	SCREW-PAN HEAD (M4X.7X20MM)	
M	8	1	8T-7500	8	SCREW-MACHINE (M4X.7X35MM)	
	9	1	2K-4898	1	CLAMP-TUBE	
	10	1	4B-9808	2	SETSCREW (1/4-20X0.5 IN)	
	11	1	174-3091	1	KIT-RECEPTACLE (12 PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	12	1	8T-8729	11	PIN-CONNECTOR	
	13	1	8T-8737	1	PLUG-SEAL	
	14	1	3E-5180	1	WEDGE-RECEPTACLE LOCK (12-PIN)	
	15	1	3B-4501	8	LOCKWASHER	
	16	1	151-4977	4	WASHER (4.445X9.525X1.0922MM THK)	
E	17	1	208-6081		SLEEVE (25CM)	

E-ORDER BY THE CENTIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

177-4980 CONTROL GP - JOYSTICK (contd.)

i01988876



GRAPHIC #1

<END>

g00849181

HYDRAULIC SYSTEM

177-4980 CONTROL GP-JOYSTICK-BLADE

S/N: 7PZ649-685

PART OF 194-3684 CONTROL & MTG GP-IMPLEMENT
FIELD REPLACEMENT ORDER 232-3780-PAGE 650

SMCS-5063

i01989515

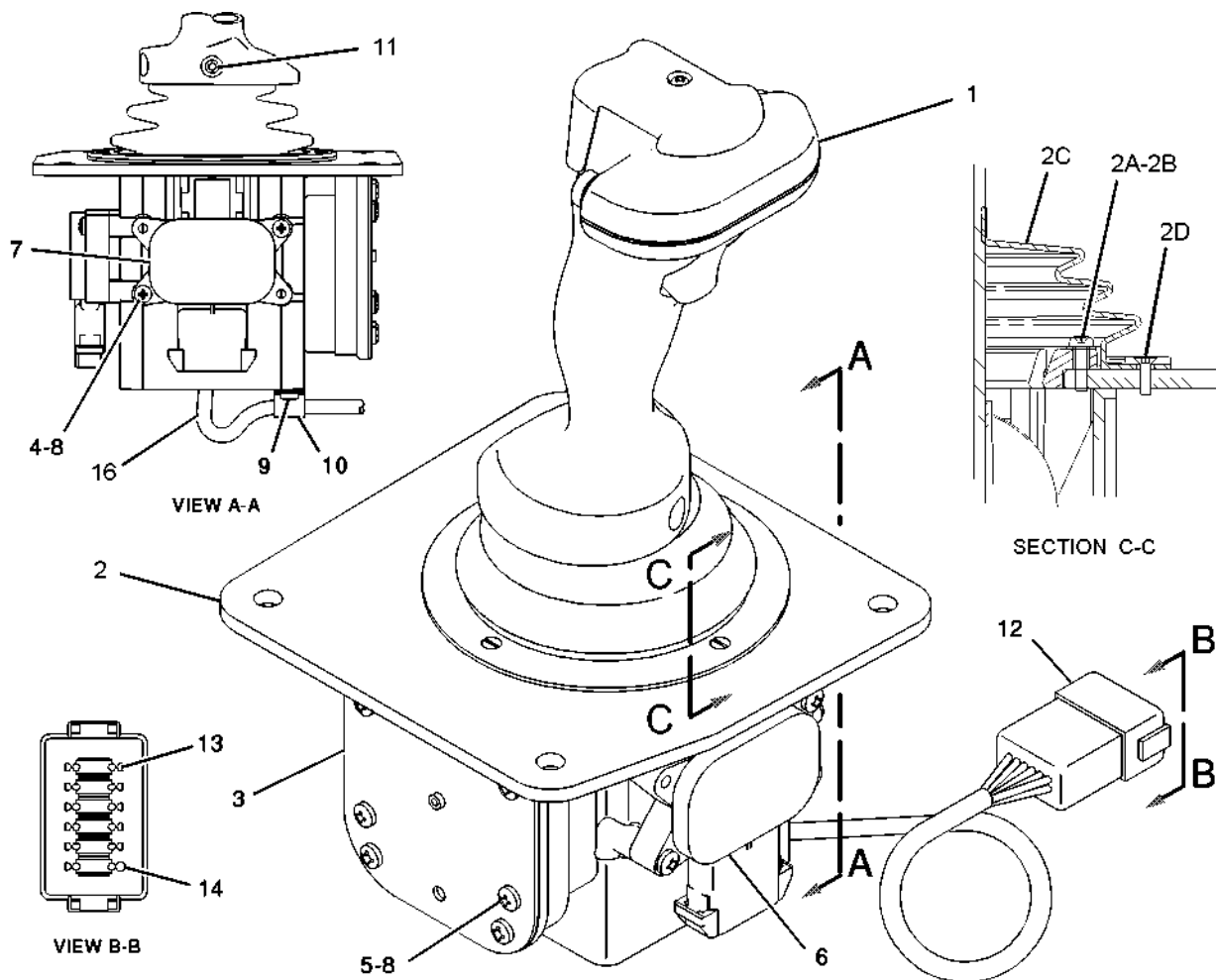
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	180-9899	1	CONTROL GP-JOYSTICK						661
	2	1	188-1082	1	BASE AS						
M	2A	1	6V-9671	4	SCREW-MACHINE (M3X0.5X12MM)						
	2B	1	8C-9660	1	WASHER (4.6X7.9X0.8MM THK)						
	2C	1	175-1529	1	BOOT						
	2D	1	205-2941	4	SCREW-FLAT HEAD (M5X.08X2.8MM)						
	3	1	189-2305	2	DETENT GP-CONTROL (IMPLEMENT)						
M	4	1	192-4658	4	SCREW-PAN HEAD (M4X.7X20MM)						
CM	5	1	193-4476	8	SCREW-PAN HEAD (M4X.7X35MM)						
Y	6	1	196-9565	1	SENSOR GP-POSITION (LIFT BLADE)						333
Y	7	1	196-9566	1	SENSOR GP-POSITION (TILT BLADE)						333
C	8	1	151-4977	12	WASHER (4.445X9.525X1.0922MM THK)						
	9	1	175-3265	1	SCREW (8-16X0.63 IN)						
	10	1	2K-4898	1	CLAMP-TUBE						
	11	1	4B-9808	2	SETSCREW (1/4-20X0.5 IN)						
	12	1	174-3091	1	KIT-RECEPTACLE (12 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	13	1	8T-8729	11	PIN-CONNECTOR						
	14	1	8T-8737	1	PLUG-SEAL						
	16	1	208-6081	1	SLEEVE						

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

177-4980 CONTROL GP - JOYSTICK (contd.)

i01989515



GRAPHIC #1

<END>

g01016217

HYDRAULIC SYSTEM

180-9899 CONTROL GP-JOYSTICK-BLADE

S/N: 7PZ564-UP

PART OF 232-3780 CONTROL & MOUNTING GP, 177-4980 CONTROL GP-JOYSTICK

SMCS-5063

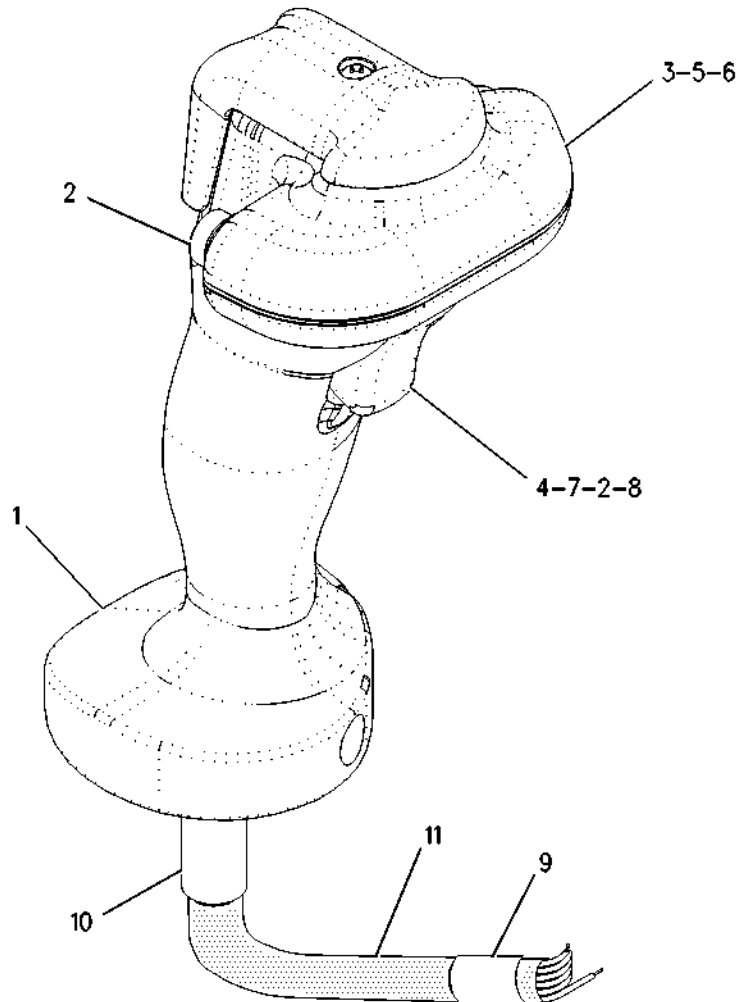
i01437363

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	162-8376	1	CONTROL GP-OPERATOR HAND	
	2	1	144-0331	3	CAP-PUSHBUTTON	
	3	1	164-6964	1	HOUSING AS	
		1	179-7376	1	SWITCH AS-PUSH (AUTO BLADE MODE)	
		1	196-1804	1	SEAL-O-RING	
	4	1	179-7376	1	SWITCH AS-PUSH (BLADE PITCH)	
	5	1	9B-1117	2	LOCKWASHER	
	6	1	175-4170	2	SCREW-PAN HEAD (N06X1.625 IN)	
	7	1	162-8387	1	LEVER	
	8	1	162-8389	1	PLATE	
BD	9	1	6V-1614		TUBE-HEAT SHRINK	
	10	1	208-6081	1	SLEEVE	
BE	11	1	218-7136		SLEEVE	

B-USE AS REQUIRED

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00816189

HYDRAULIC SYSTEM

185-8734 CONTROL GP-JOYSTICK-BLADE

S/N: 7PZ564-685

PART OF 199-4194 CONTROL & MTG GP-IMPLEMENT

OPTIONAL FIELD REPLACEMENT ORDER 232-3779-PAGE 664

AN ATTACHMENT

TYPE 1

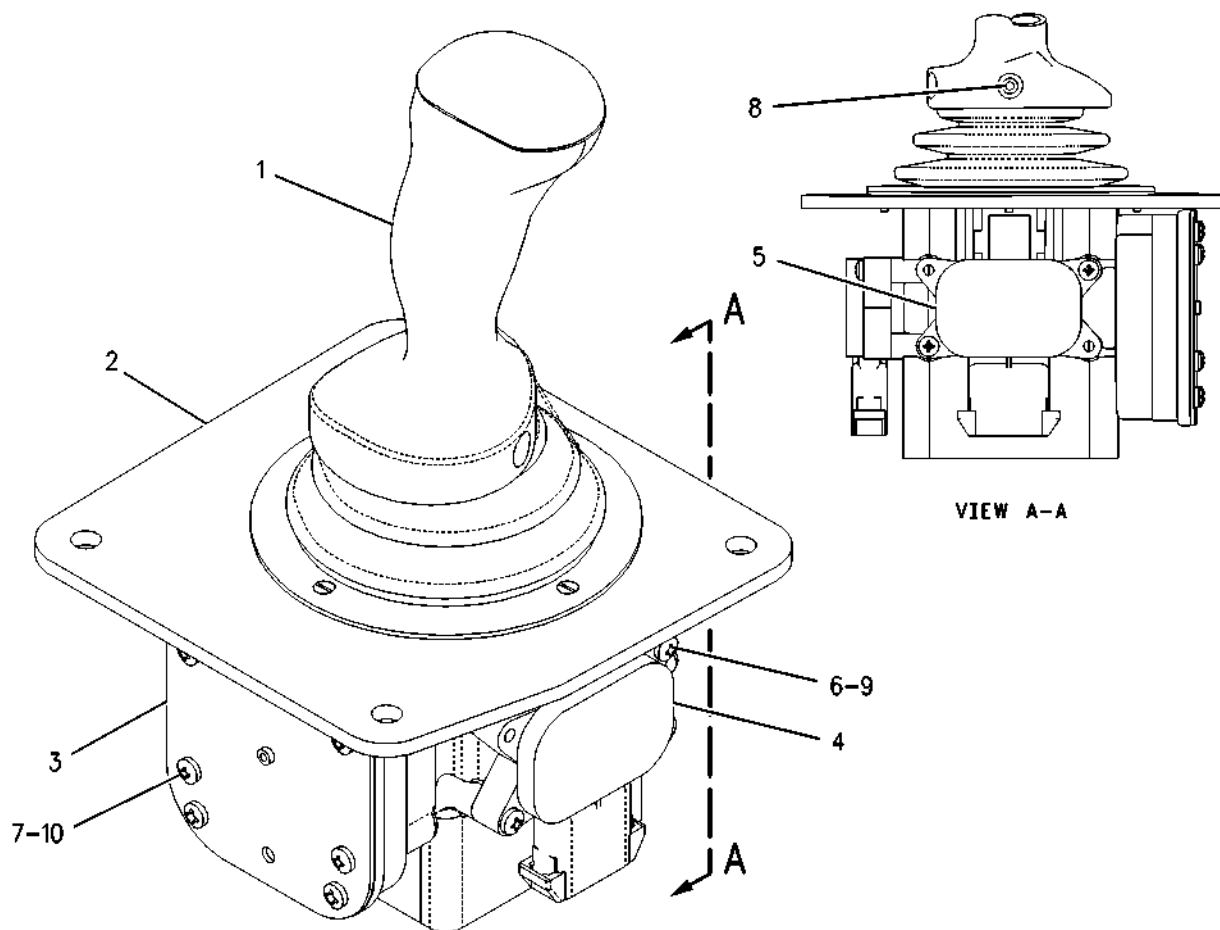
SMCS-5063

i01988874

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	188-1079	1	CONTROL GP -HANDLE						654
	2	1	188-1082	1	BASE AS						
	3	1	189-2305	2	DETENT GP-CONTROL (IMPLEMENT)						
Y	4	1	196-9565	1	SENSOR GP-POSITION						333
Y	5	1	196-9566	1	SENSOR GP-POSITION						
M	6	1	192-4658	4	SCREW-PAN HEAD (M4X.7X20MM)						
M	7	1	8T-7500	8	SCREW-MACHINE (M4X.7X35MM)						
	8	1	4B-9808	2	SETSCREW (1/4-20X0.5 IN)						
	9	1	151-4977	4	WASHER (4.445X9.525X1.0922MM THK)						
	10	1	3B-4501	8	LOCKWASHER						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00849123

HYDRAULIC SYSTEM

185-8734 CONTROL GP-JOYSTICK-BLADE

S/N: 7PZ564-685

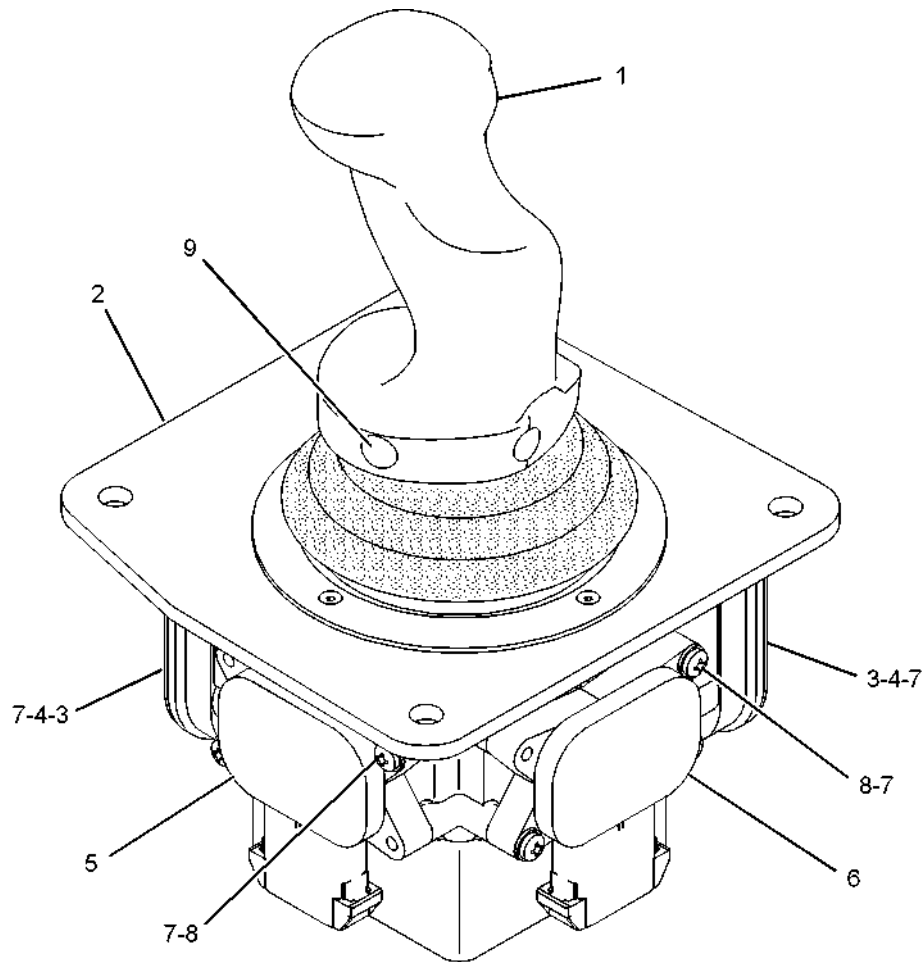
PART OF 199-4194 CONTROL & MTG GP-IMPLEMENT
OPTIONAL FIELD REPLACEMENT ORDER 232-3779-PAGE 664
AN ATTACHMENT
TYPE 2

SMCS-5063

i01988875

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	188-1079	1	CONTROL GP-HANDLE	654
J	2	1	188-1082	1	BASE AS	
M		1	6V-9671	4	SCREW-MACHINE (M3X0.5X12MM)	
		1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)	
		1	175-1529	1	BOOT	
	3	1	189-2305	2	DETENT GP-CONTROL (IMPLEMENT)	
					(EACH INCLUDES)	
		1	033-9139	1	RING-RETAINING	
		1	107-1964	4	SCREW-PAN HEAD (6-19X0.5 IN)	
M	4	1	193-4476	8	SCREW-PAN HEAD (M4X.7X35MM)	
Y	5	1	196-9565	1	SENSOR GP-POSITION (BLADE TILT)	333
Y	6	1	196-9566	1	SENSOR GP-POSITION (BLADE LIFT)	333
	7	1	151-4977	12	WASHER (4.445X9.525X1.0922MM THK)	
M	8	1	192-4658	4	SCREW-PAN HEAD (M4X.7X20MM)	
	9	1	4B-9808	2	SETSCREW (1/4-20X0.5 IN)	

J-NOT SERVICED SEPERATELY
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01027009

HYDRAULIC SYSTEM

232-3779 CONTROL GP-JOYSTICK-BLADE

S/N: 7PZ564-UP

PART OF 199-4194 CONTROL & MTG GP-IMPLEMENT

FIELD REPLACEMENT FOR 185-8734-PAGE 662

AN ATTACHMENT

SMCS-5063

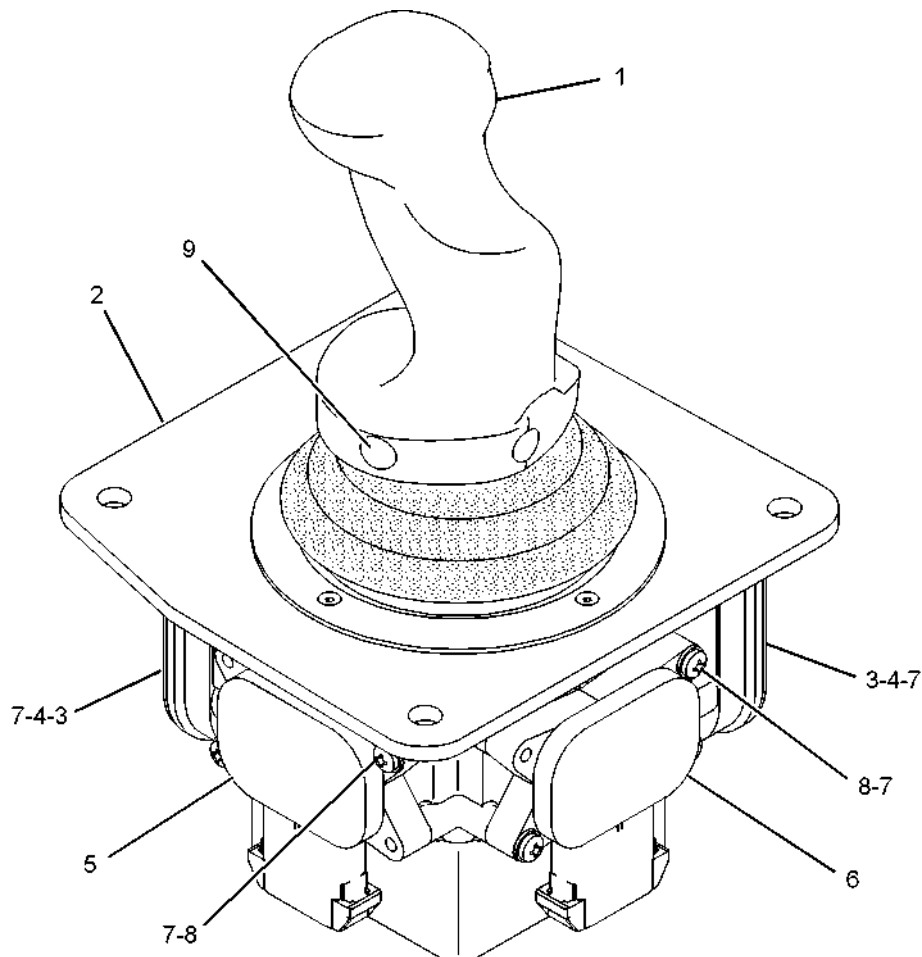
i01988873

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	188-1079	1	CONTROL GP-HANDLE	654
J	2	1	188-1082	1	BASE AS	
M		1	6V-9671	4	SCREW-MACHINE (M3X0.5X12MM)	
		1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)	
		1	175-1529	1	BOOT	
3		1	189-2305	2	DETENT GP-CONTROL (IMPLEMENT) (EACH INCLUDES)	
		1	033-9139	1	RING-RETAINING	
		1	107-1964	4	SCREW-PAN HEAD (6-19X0.5 IN)	
M	4	1	193-4476	8	SCREW-PAN HEAD (M4X.7X35MM)	
Y	5	1	230-6267	1	SENSOR GP-POSITION	337
Y	6	1	230-6266	1	SENSOR GP-POSITION	336
	7	1	151-4977	12	WASHER (4.445X9.525X1.0922MM THK)	
M	8	1	192-4658	4	SCREW-PAN HEAD (M4X.7X20MM)	
	9	1	4B-9808	2	SETSCREW (1/4-20X0.5 IN)	

J-NOT SERVICED SEPERATELY

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01027009

HYDRAULIC SYSTEM

7N-9182 COOLER GP-HYDRAULIC OIL

S/N: 2GR1180-UP

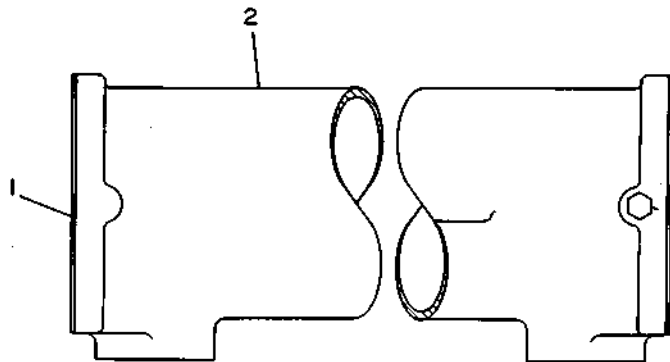
PART OF 155-5556 ENGINE AR

SMCS-1374, 5071

i00587180

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	9M-8546	2	GASKET	
YR	2	1	4W-5363	1	CORE GP-OIL COOLER	113

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00081958

HYDRAULIC SYSTEM

202-4328 CYLINDER & SENSOR GP-LIFT-RH

S/N: 7PZ1-UP

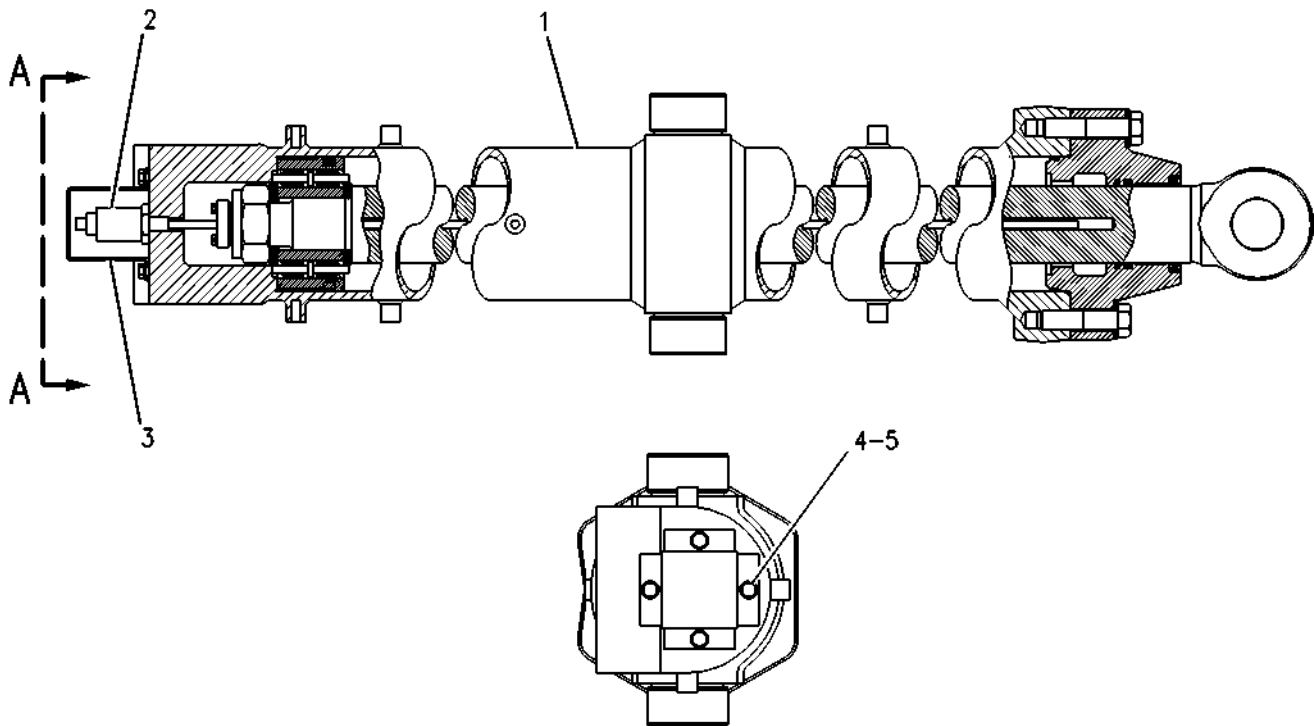
PART OF 201-4075 CYLINDER & VALVE GP-LIFT
AN ATTACHMENT

SMCS-5102

i01967960

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	198-6485	1	CYLINDER GP-BULLDOZER LIFT (RH)						686
	2	1	219-4714	1	SENSOR GP-POSITION (LIFT CYLINDER)						
	3	1	226-9822	1	BRACKET AS						
	4	1	7X-0307	4	BOLT (7/16-14X.750 IN)						
	5	1	8T-5360	4	WASHER (12X22.5X2.5MM THK)						

Y-SEPARATE ILLUSTRATION



VIEW A-A

GRAPHIC #1

<END>

g00330549

HYDRAULIC SYSTEM

9W-8579 CYLINDER & VALVE GP-BULLDOZER-RH LIFT

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

PART OF 119-4267, 119-4268 BULLDOZER AR-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-5102

i01988893

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	4T-2728	1	CYLINDER GP-BULLDOZER LIFT (RH)						680
C	2	1	0S-1585	2	BOLT (1/2-13X1.50 IN)						
C	3	1	5P-8245	21	WASHER-HARD (13.5X25.5X3MM THK)						
	4	1	0S-1595	2	BOLT (1/2-13X1.25 IN)						
	5	1	0L-1329	4	BOLT (1/2-13X3 IN)						
	6	1	7S-8920	2	CLIP (SLOT)						
	7	1	7S-8921	2	CLIP (TAB)						
	8	1	9W-8730	1	MANIFOLD						
	9	1	1B-2886	3	BOLT (1/2-13X3.75 IN)						
	10	1	7T-0750	1	ELBOW						
Y	11	1	9T-5653	1	VALVE GP-QUICK-DROP						896
	12	1	1A-1460	12	BOLT (1/2-13X2 IN)						
	13	1	1P-3707	1	SEAL-RECTANGULAR						
	14	1	7T-0749	1	TUBE AS						
		1	6V-0423	1	PLUG						
	15	1	1P-3704	2	SEAL-RECTANGULAR						
	16	1	1P-5767	4	FLANGE-HALF						
	17	1	1P-5762	2	FLANGE-HALF						
	18	1	9S-1366	2	BOLT (1/2-13X2.5 IN)						
	19	1	1P-3705	3	SEAL-RECTANGULAR						

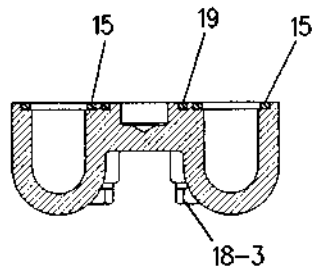
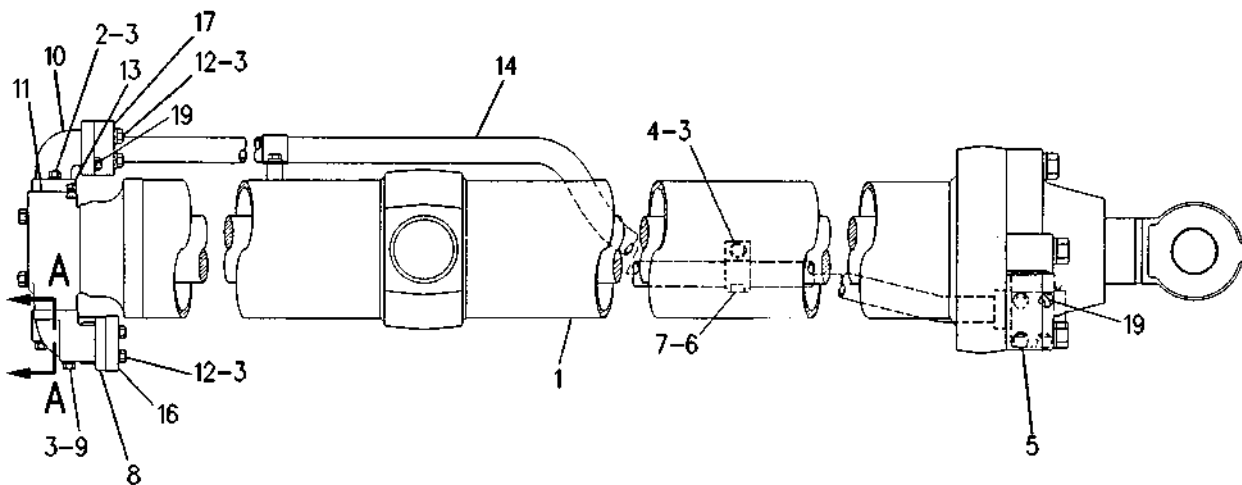
C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

9W-8579 CYLINDER & VALVE GP-BULLDOZER (contd.)

i01988893



SECTION A-A

GRAPHIC #1

<END>

g00272490

HYDRAULIC SYSTEM

9W-8580 CYLINDER & VALVE GP-BULLDOZER-LH LIFT

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

PART OF 119-4267, 119-4268 BULLDOZER AR-SEMI-UNIVERSAL

REPLACED BY 201-3218-PAGE 673

AN ATTACHMENT

SMCS-5102

i01564148

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	4T-2727	1	CYLINDER GP-BULLDOZER LIFT						678
C	2	1	0S-1585	2	BOLT (1/2-13X1.50 IN)						
C	3	1	5P-8245	21	WASHER-HARD (13.5X25.5X3MM THK)						
	4	1	0S-1595	2	BOLT (1/2-13X1.25 IN)						
	5	1	0L-1329	4	BOLT (1/2-13X3 IN)						
	6	1	7S-8920	2	CLIP (SLOT)						
	7	1	7S-8921	2	CLIP (TAB)						
	8	1	9W-8730	1	MANIFOLD						
	9	1	1B-2886	3	BOLT (1/2-13X3.75 IN)						
	10	1	7T-0750	1	ELBOW						
Y	11	1	9T-5653	1	VALVE GP-QUICK-DROP						896
	12	1	1A-1460	12	BOLT (1/2-13X2 IN)						
	13	1	1P-3707	1	SEAL-RECTANGULAR						
	14	1	7T-0751	1	TUBE AS						
		1	6V-0423	1	PLUG						
	15	1	1P-3704	2	SEAL-RECTANGULAR						
	16	1	1P-5767	4	FLANGE-HALF						
	17	1	1P-5762	2	FLANGE-HALF						
	18	1	9S-1366	2	BOLT (1/2-13X2.5 IN)						
	19	1	1P-3705	3	SEAL-RECTANGULAR						

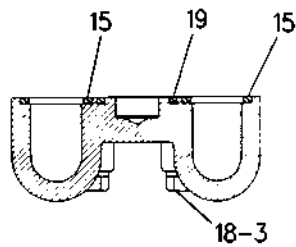
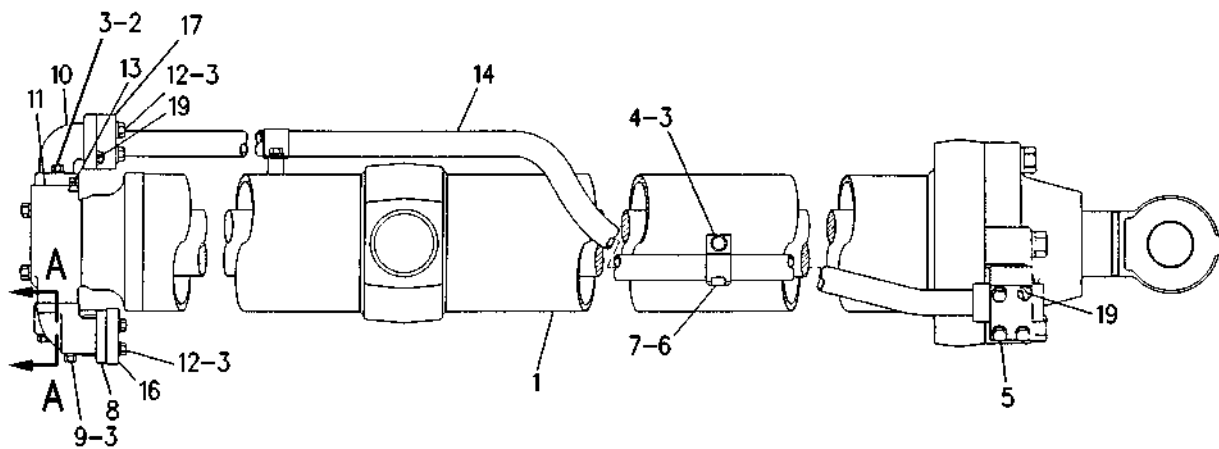
C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

9W-8580 CYLINDER & VALVE GP-BULLDOZER (contd.)

i01564148



SECTION A-A

GRAPHIC #1

<END>

g00272514

HYDRAULIC SYSTEM

201-3215 CYLINDER & VALVE GP-LIFT-RH

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

PART OF 199-8241, 226-5919 BULLDOZER AR-SEMI-UNIVERSAL, 199-8240, 226-5918

BULLDOZER AR-UNIVERSAL

FOR USE WITH 198-7341-PAGE 826

AN ATTACHMENT

SMCS-5102, 5110

i01551569

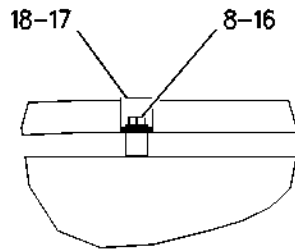
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7T-0750	1	ELBOW						
Y	2	1	9T-5653	1	VALVE GP-QUICK-DROP						896
	3	1	9W-8730	1	MANIFOLD						
Y	4	1	198-6482	1	CYLINDER GP-BULLDOZER LIFT						682
	5	1	201-3217	1	TUBE AS						
	6	1	0L-1329	4	BOLT (1/2-13X3 IN)						
	7	1	0S-1585	2	BOLT (1/2-13X1.50 IN)						
	8	1	0S-1595	2	BOLT (1/2-13X1.25 IN)						
	9	1	1A-1460	12	BOLT (1/2-13X2 IN)						
	10	1	1B-2886	3	BOLT (1/2-13X3.75 IN)						
	11	1	1P-3704	2	SEAL-RECTANGULAR						
	12	1	1P-3705	3	SEAL-RECTANGULAR						
	13	1	1P-3707	1	SEAL-RECTANGULAR						
	14	1	1P-5762	2	FLANGE-HALF						
	15	1	1P-5767	4	FLANGE-HALF						
	16	1	5P-8245	21	WASHER-HARD (13.5X25.5X3MM THK)						
	17	1	7S-8920	2	CLIP (SLOT)						
	18	1	7S-8921	2	CLIP (TAB)						
	19	1	9S-1366	2	BOLT (1/2-13X2.5 IN)						

Y-SEPARATE ILLUSTRATION

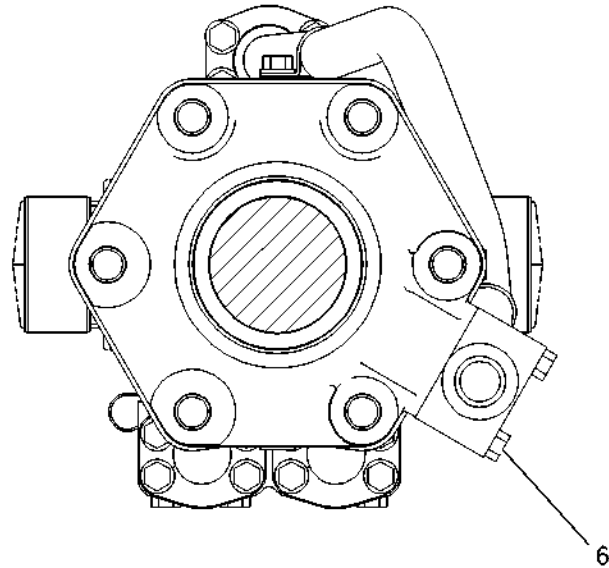
HYDRAULIC SYSTEM

201-3215 CYLINDER & VALVE GP - LIFT (contd.)

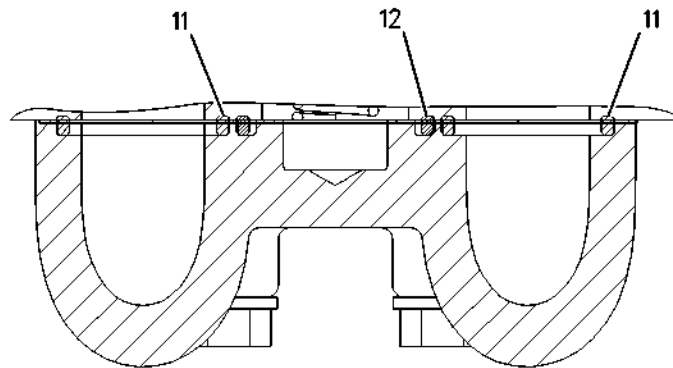
i01551569



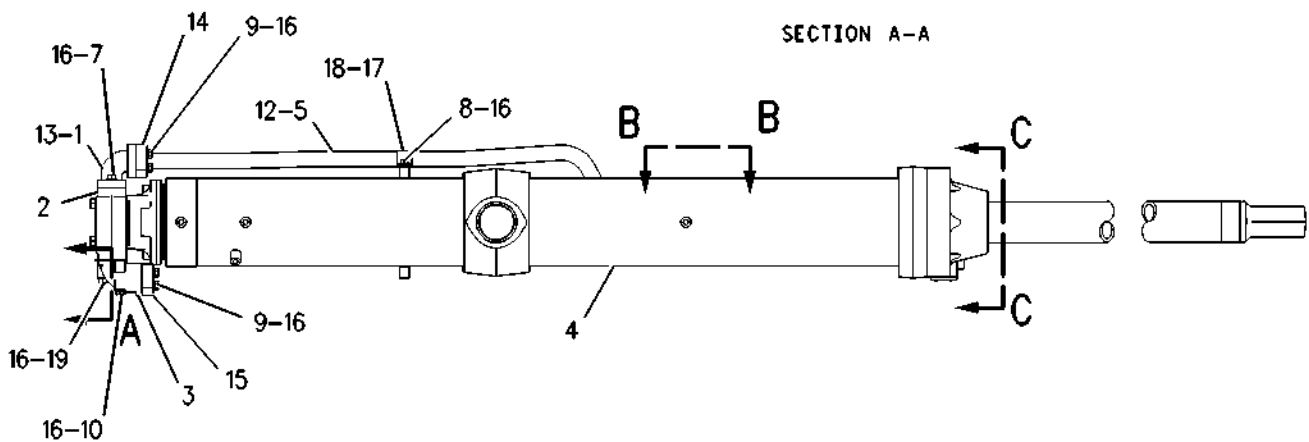
SECTION B-B



SECTION C-C



SECTION A-A



GRAPHIC #1

<END>

g00808791

HYDRAULIC SYSTEM

201-3218 CYLINDER & VALVE GP-LIFT-LH

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

PART OF 199-8241, 226-5919 BULLDOZER AR-SEMI-UNIVERSAL, 199-8240, 226-5918

BULLDOZER AR-UNIVERSAL

FOR USE WITH 198-7341-PAGE 826

AN ATTACHMENT

SMCS-5102, 5110

i01551587

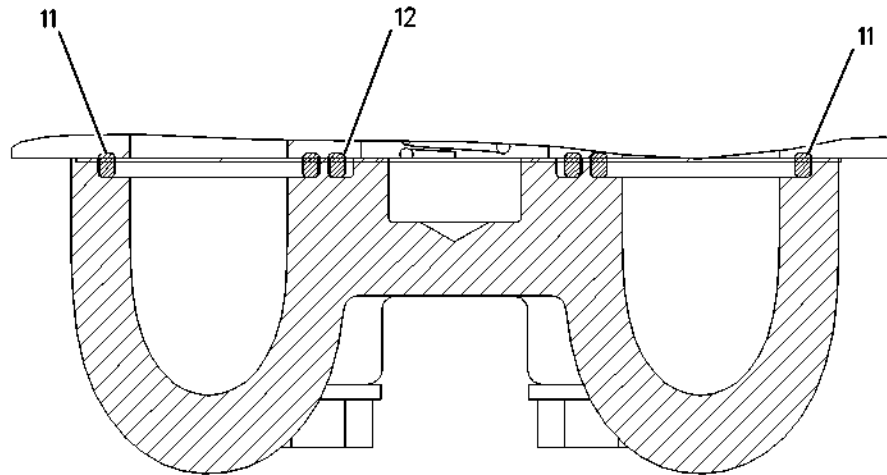
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7T-0750	1	ELBOW						
Y	2	1	9T-5653	1	VALVE GP-QUICK-DROP						896
	3	1	9W-8730	1	MANIFOLD						
Y	4	1	198-6483	1	CYLINDER GP-BULLDOZER LIFT						684
	5	1	201-3225	1	TUBE AS						
	6	1	0L-1329	4	BOLT (1/2-13X3 IN)						
	7	1	0S-1585	2	BOLT (1/2-13X1.50 IN)						
	8	1	0S-1595	2	BOLT (1/2-13X1.25 IN)						
	9	1	1A-1460	12	BOLT (1/2-13X2 IN)						
	10	1	1B-2886	3	BOLT (1/2-13X3.75 IN)						
	11	1	1P-3704	2	SEAL-RECTANGULAR						
	12	1	1P-3705	3	SEAL-RECTANGULAR						
	13	1	1P-3707	1	SEAL-RECTANGULAR						
	14	1	1P-5762	2	FLANGE-HALF						
	15	1	1P-5767	4	FLANGE-HALF						
	16	1	5P-8245	21	WASHER-HARD (13.5X25.5X3MM THK)						
	17	1	7S-8920	2	CLIP (SLOT)						
	18	1	7S-8921	2	CLIP (TAB)						
	19	1	9S-1366	2	BOLT (1/2-13X2.5 IN)						

Y-SEPARATE ILLUSTRATION

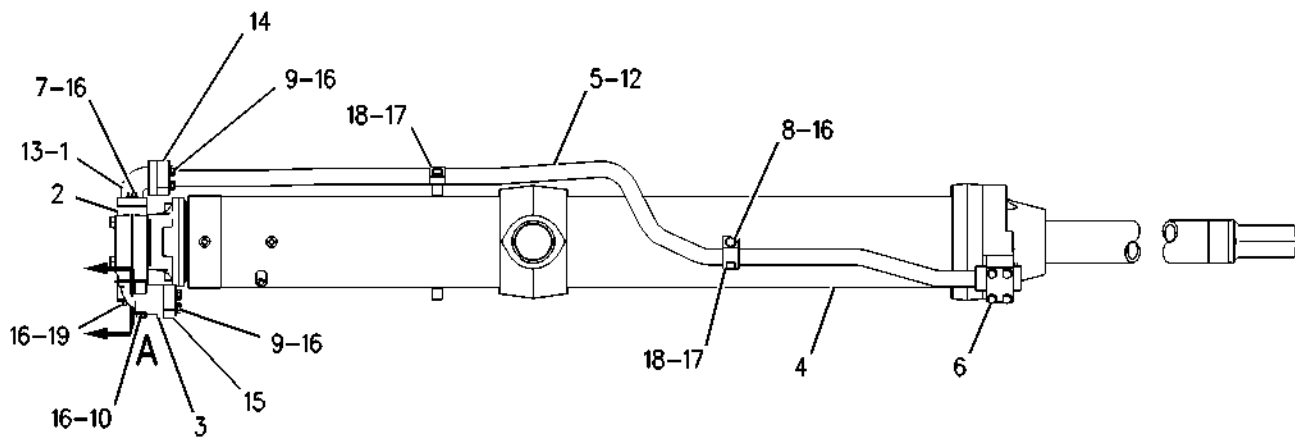
HYDRAULIC SYSTEM

201-3218 CYLINDER & VALVE GP - LIFT (contd.)

i01551587



SECTION A-A



GRAPHIC #1

<END>

g00808509

HYDRAULIC SYSTEM

201-4075 CYLINDER & VALVE GP-LIFT-RH

S/N: 7PZ1-UP

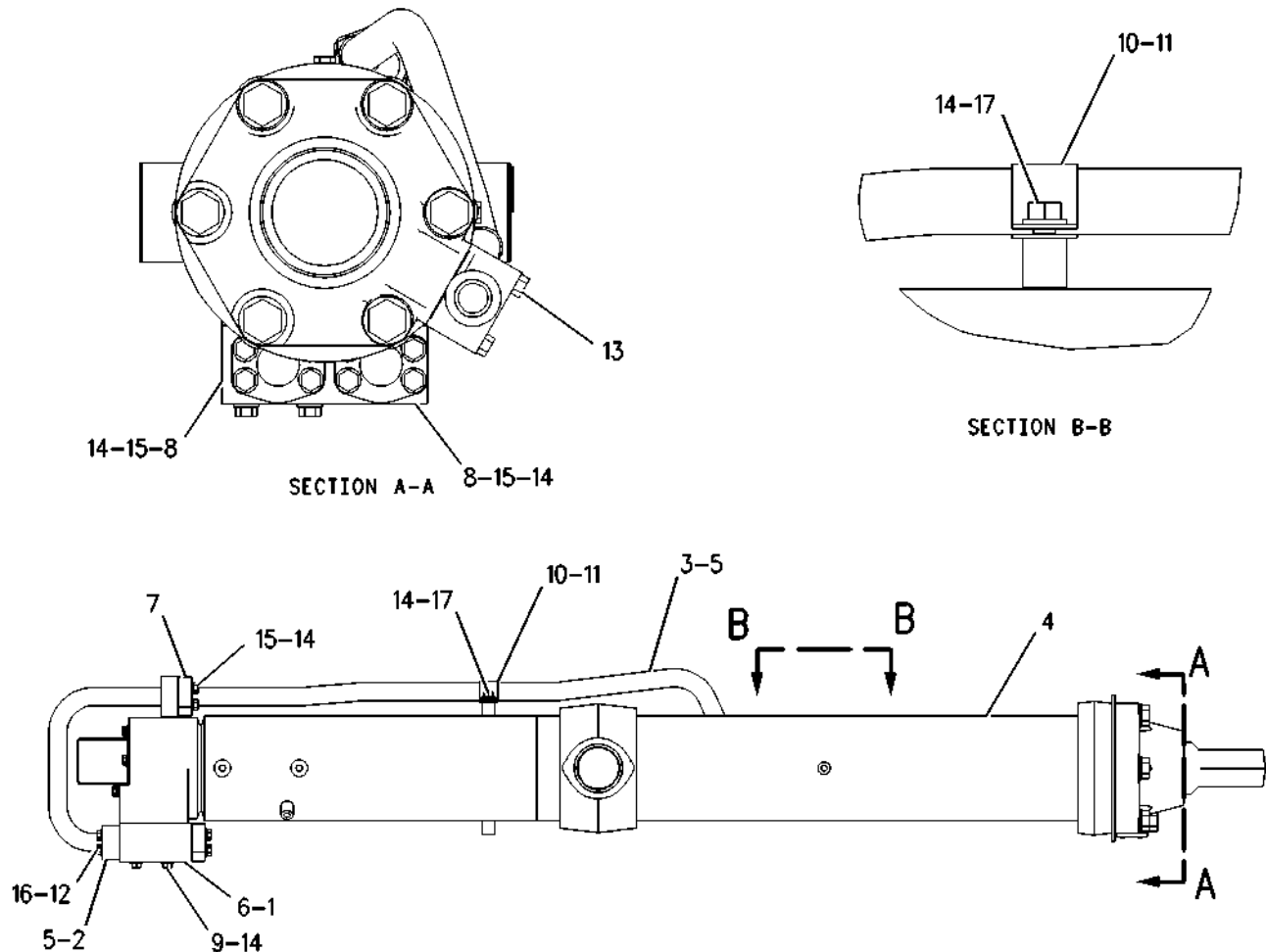
AN ATTACHMENT

SMCS-5102, 5110

i01967961

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	143-9464	1	MANIFOLD	
	2	1	143-9467	1	TUBE AS	
	3	1	201-4077	1	TUBE AS	
Y	4	1	202-4328	1	CYLINDER & SENSOR GP-LIFT	666
	5	1	1P-3705	3	SEAL-RECTANGULAR	
	6	1	1P-3707	1	SEAL-RECTANGULAR	
	7	1	1P-5762	2	FLANGE-HALF	
	8	1	1P-5767	4	FLANGE-HALF	
	9	1	6V-4432	4	BOLT (1/2-13X4 IN)	
	10	1	7S-8920	2	CLIP (SLOT)	
	11	1	7S-8921	2	CLIP (TAB)	
	12	1	7X-0310	4	BOLT (7/16-14X2 IN)	
	13	1	7X-0326	4	BOLT (1/2-13X3 IN)	
	14	1	8T-4223	18	WASHER-HARD (13.5X25.5X3MM THK)	
	15	1	8T-4835	12	BOLT (1/2-13X2 IN)	
	16	1	8T-5360	4	WASHER (12X22.5X2.5MM THK)	
	17	1	8T-8917	2	BOLT (1/2-13X1.25 IN)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00808143

HYDRAULIC SYSTEM

224-0829 CYLINDER & VALVE GP-LIFT-LH

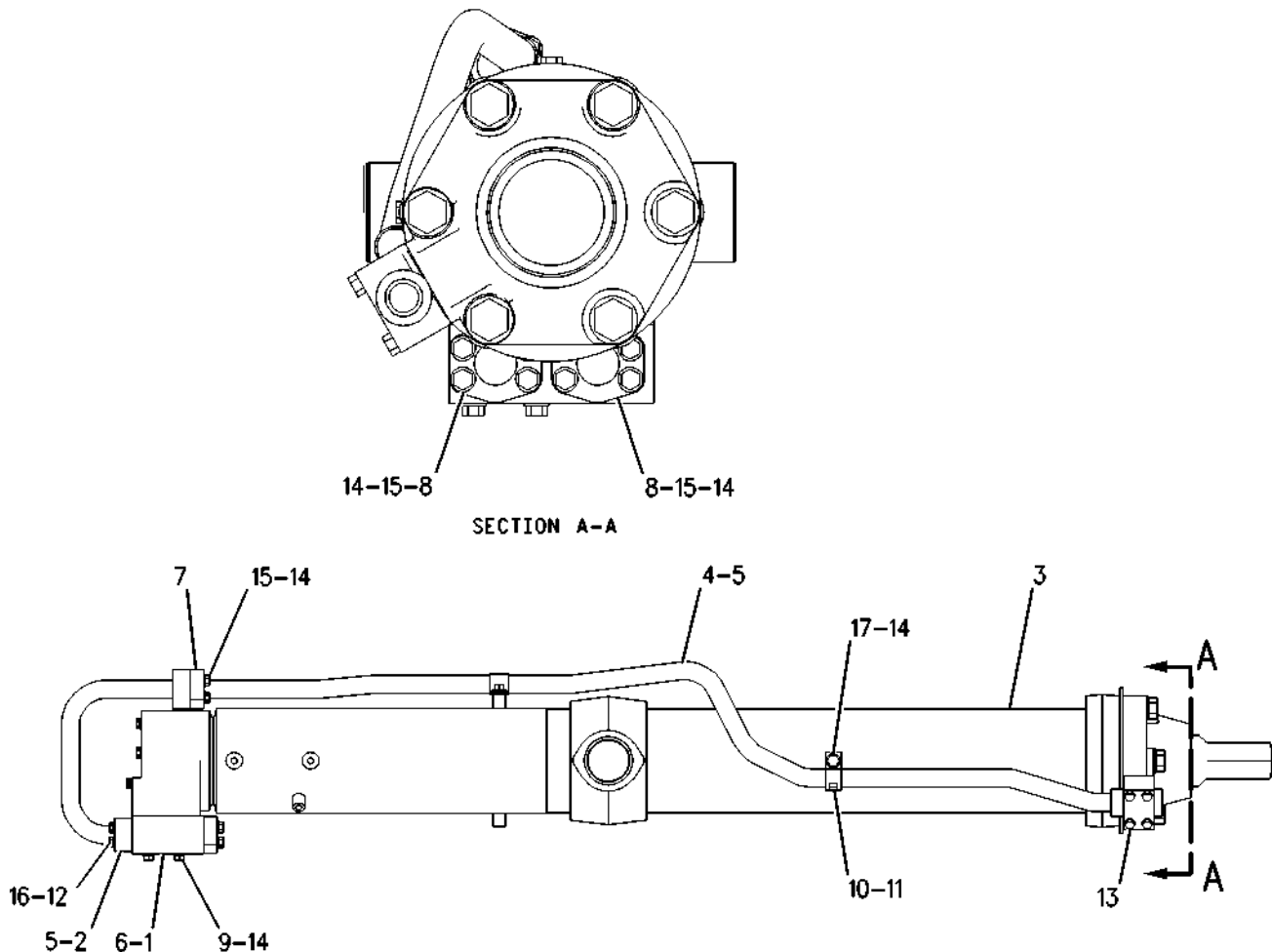
S/N: 7PZ1-UP
AN ATTACHMENT

SMCS-5102, 5110

i01847799

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	143-9464	1	MANIFOLD	
	2	1	143-9467	1	TUBE AS	
Y	3	1	198-6486	1	CYLINDER GP-BULLDOZER LIFT	688
	4	1	201-4078	1	TUBE AS	
	5	1	1P-3705	3	SEAL-RECTANGULAR	
	6	1	1P-3707	1	SEAL-RECTANGULAR	
	7	1	1P-5762	2	FLANGE-HALF	
	8	1	1P-5767	4	FLANGE-HALF	
	9	1	6V-4432	4	BOLT (1/2-13X4 IN)	
	10	1	7S-8920	2	CLIP (SLOT)	
	11	1	7S-8921	2	CLIP (TAB)	
	12	1	7X-0310	4	BOLT (7/16-14X2 IN)	
	13	1	7X-0326	4	BOLT (1/2-13X3 IN)	
	14	1	8T-4223	18	WASHER-HARD (13.5X25.5X3MM THK)	
	15	1	8T-4835	12	BOLT (1/2-13X2 IN)	
	16	1	8T-5360	4	WASHER (12X22.5X2.5MM THK)	
	17	1	8T-8917	2	BOLT (1/2-13X1.25 IN)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00934695

HYDRAULIC SYSTEM

119-4283 CYLINDER AR-TILT-SINGLE TILT

S/N: 7PZ1-UP

FOR USE WITH 158-8044-PAGE 653
AN ATTACHMENT

SMCS-5104

i01988888

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	4T-9716	1	BRACE GP-BULLDOZER						920
Y	1U-2711	1	CYLINDER GP-TILT						711
Y	152-7795	1	LINES GP-TILT CYLINDER						812
Y-SEPARATE ILLUSTRATION									

<END>

HYDRAULIC SYSTEM

4T-2727 CYLINDER GP-BULLDOZER LIFT-LH

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

177.8MM (7 IN.) BORE X 1759.5MM (69.27 IN.) STROKE

PART OF 9W-8580 CYLINDER & VALVE GP-BULLDOZER

AN ATTACHMENT

SMCS-5102

i01565251

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5J-3488	1	LOCKNUT						
	2	1	9J-0523	1	WASHER (57.53X107.2X9.52MM THK)						
	3	1	110-5010	1	PISTON AS						
	4	1	9J-0521	4	INSERT						
	5	1	9J-0520	2	PLUNGER						
C	6	1	9X-7406	1	SEAL-U-CUP						
	7	1	8J-1665	1	SEAL-O-RING						
C	8	1	162-7210	1	RING-BACKUP						
C	9	1	162-7757	1	HEAD						
	10	1	5P-8250	6	WASHER (28X49X5MM THK)						
	11	1	1D-4641	2	BOLT (1-8X4.5 IN)						
R	12	1	6E-3914	1	ROD AS						
	13	1	1J-2192	1	BUSHING						
C	14	1	167-2216	1	SEAL AS-BUFFER						
	15	1	8T-1789	1	SEAL AS						
	16	1	9J-0711	1	RING-WEAR						
	17	1	8T-7538	1	RING-WEAR						
	18	1	6E-3917	1	WASHER (70.23X107.2X9.52MM THK)						
	19	1	8T-8380	1	SEAL-HEAD						
R	20	1	9J-0513	1	CYLINDER AS-LIFT						
	21	1	5J-1193	2	BEARING-SLEEVE						
	22	1	1D-4639	4	BOLT (1-8X4 IN)						
C	23	1	167-2482	1	SEAL-WIPER						

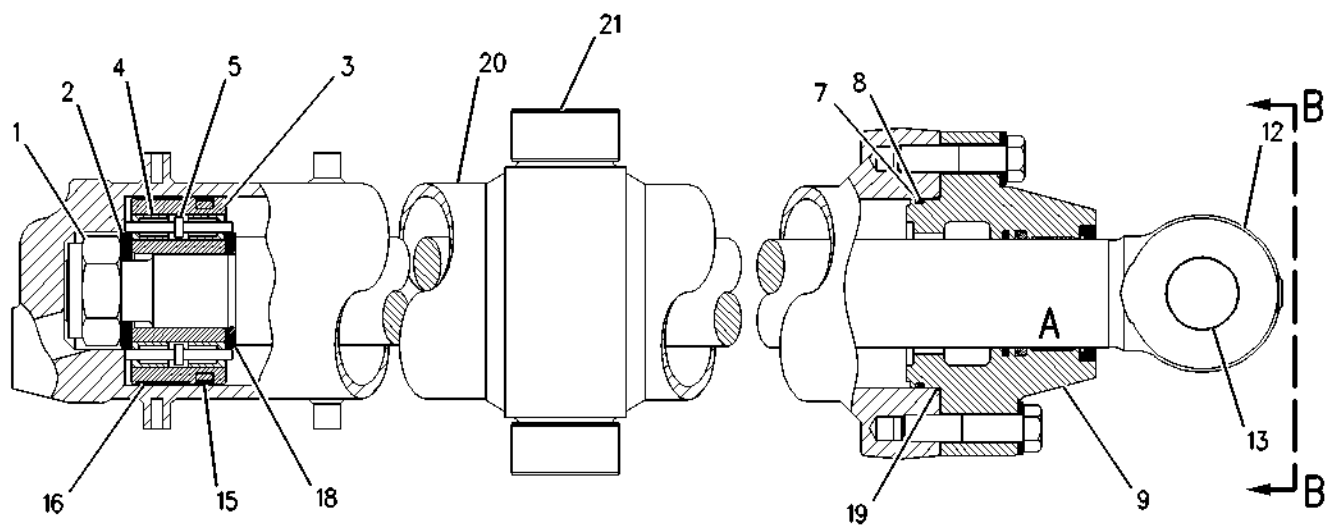
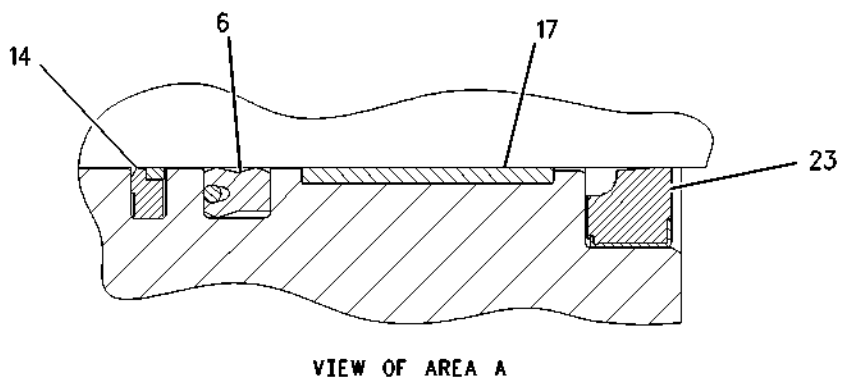
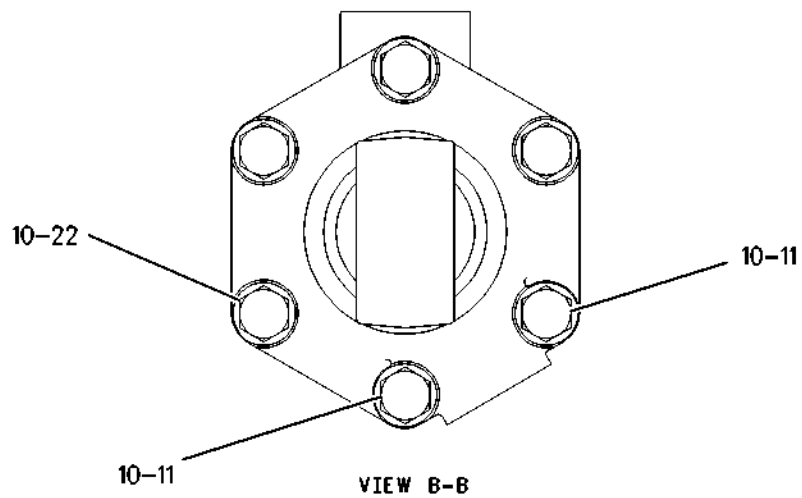
C-CHANGE FROM PREVIOUS TYPE

R-REMFG PART MAY BE AVAILABLE

HYDRAULIC SYSTEM

4T-2727 CYLINDER GP-BULLDOZER LIFT (contd.)

i01565251



GRAPHIC #1

<END>

g00813467

HYDRAULIC SYSTEM

4T-2728 CYLINDER GP-BULLDOZER LIFT-RH

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

177.8MM (7 IN.) BORE X 1759.5MM (69.27 IN.) STROKE

PART OF 9W-8579 CYLINDER & VALVE GP-BULLDOZER

AN ATTACHMENT

SMCS-5102

i01565279

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5J-3488	1	LOCKNUT						
	2	1	9J-0523	1	WASHER (57.53X107.2X9.52MM THK)						
	3	1	110-5010	1	PISTON AS						
	4	1	9J-0521	4	INSERT						
	5	1	9J-0520	2	PLUNGER						
C	6	1	9X-7406	1	SEAL-U-CUP						
	7	1	8J-1665	1	SEAL-O-RING						
C	8	1	162-7210	1	RING-BACKUP						
C	9	1	162-7757	1	HEAD						
	10	1	5P-8250	6	WASHER (28X49X5MM THK)						
	11	1	1D-4641	2	BOLT (1-8X4.5 IN)						
R	12	1	6E-3914	1	ROD AS						
	13	1	1J-2192	1	BUSHING						
C	14	1	167-2216	1	SEAL AS-BUFFER						
	15	1	8T-1789	1	SEAL AS						
	16	1	9J-0711	1	RING-WEAR						
	17	1	8T-7538	1	RING-WEAR						
	18	1	6E-3917	1	WASHER (70.23X107.2X9.52MM THK)						
	19	1	8T-8380	1	SEAL-HEAD						
R	20	1	9J-0513	1	CYLINDER AS-LIFT						
	21	1	5J-1193	2	BEARING-SLEEVE						
	22	1	1D-4639	4	BOLT (1-8X4 IN)						
C	23	1	167-2482	1	SEAL-WIPER						

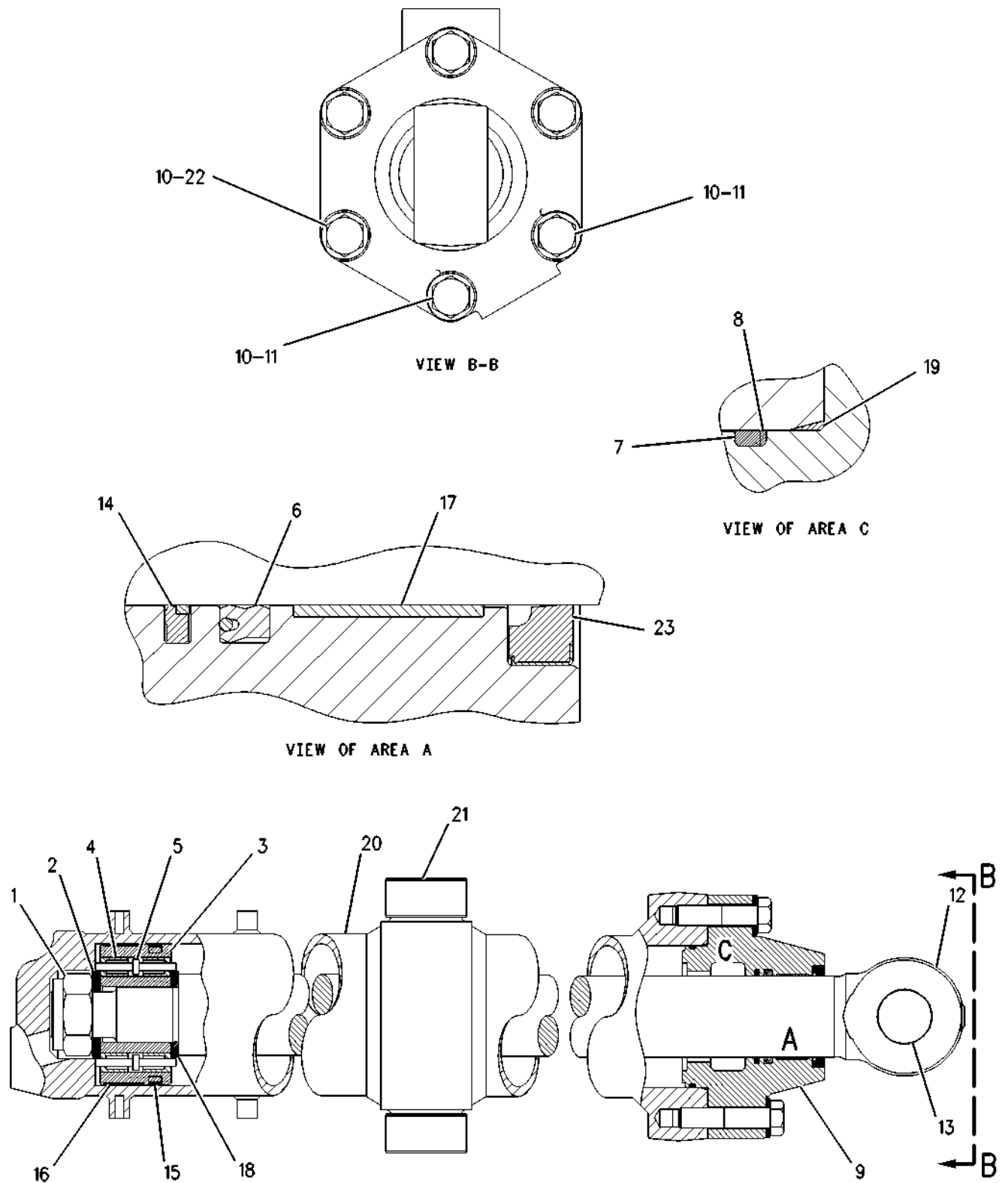
C-CHANGE FROM PREVIOUS TYPE

R-REMFG PART MAY BE AVAILABLE

HYDRAULIC SYSTEM

4T-2728 CYLINDER GP-BULLDOZER LIFT (contd.)

i01565279



GRAPHIC #1

<END>

g00813491

HYDRAULIC SYSTEM

198-6482 CYLINDER GP-BULLDOZER LIFT-RH

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP
 177.8MM (7 IN)BORE X 1759.5MM (69.27IN)STROKE
 PART OF 201-3215 CYLINDER & VALVE GP-LIFT
 AN ATTACHMENT

SMCS-5102

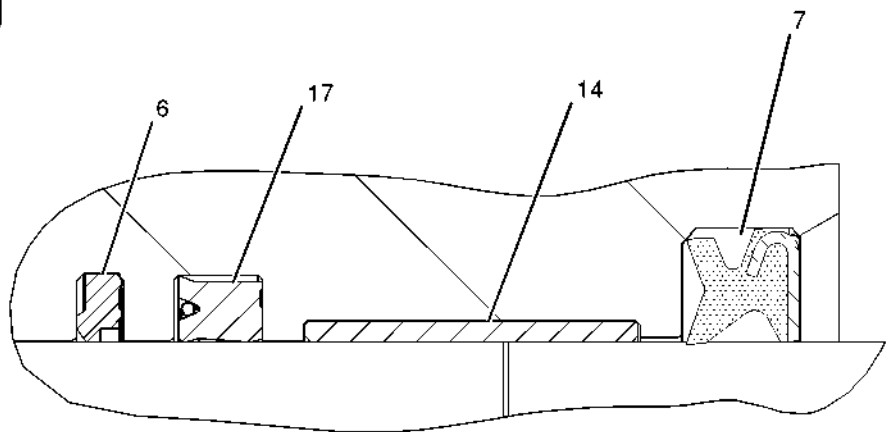
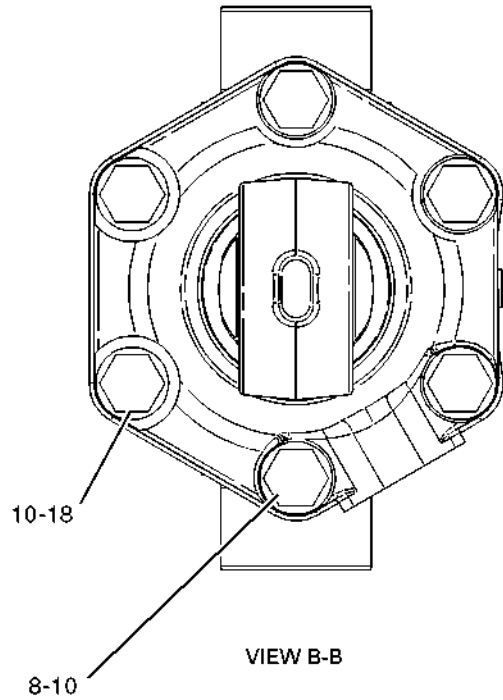
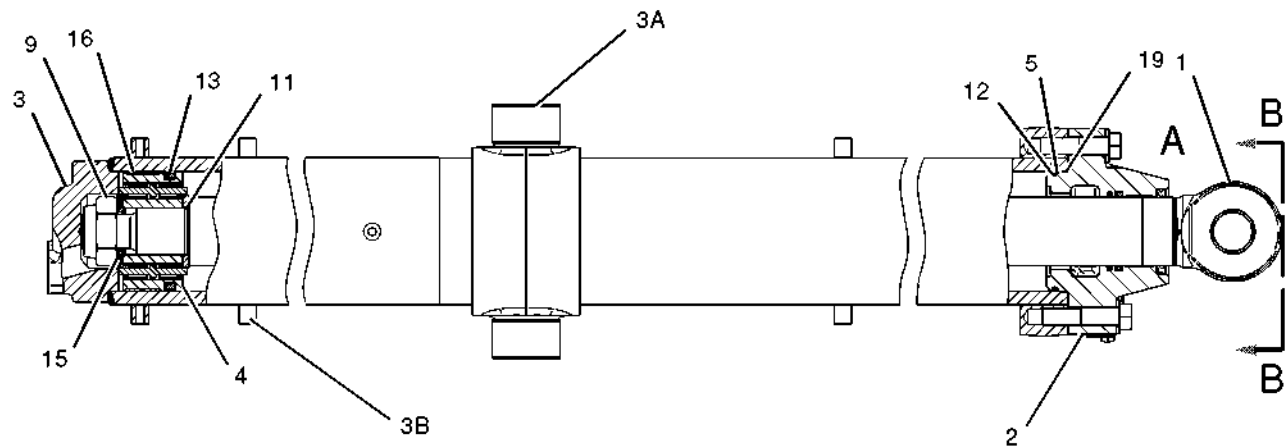
i01906631

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	6E-3914	1	ROD AS	
		1	1J-2192	1	BUSHING	
	2	1	162-7757	1	HEAD	
	3	1	198-6484	1	CYLINDER AS	
	3A	1	200-3926	2	BEARING-SLEEVE	
	3B	1	1S-8241	10	BOSS	
	4	1	110-5010	1	PISTON AS	
		1	9J-0520	2	PLUNGER	
		1	9J-0521	4	INSERT	
	5	1	162-7210	1	RING-BACKUP	
	6	1	167-2216	1	SEAL AS-BUFFER	
	7	1	225-3287	1	SEAL-WIPER	
	8	1	1D-4641	2	BOLT (1-8X4.5 IN)	
	9	1	5J-3488	1	LOCKNUT (2 1/4-12-2B THD)	
	10	1	5P-8250	6	WASHER (28X49X5MM THK)	
	11	1	6E-3917	1	WASHER (70.23X107.2X9.52MM THK)	
	12	1	8J-1665	1	SEAL-O-RING	
	13	1	8T-1789	1	SEAL AS	
	14	1	8T-7538	1	RING-WEAR (101.6MM ID)	
	15	1	9J-0523	1	WASHER (57.53X107.2X9.52MM THK)	
	16	1	9J-0711	1	RING-WEAR	
	17	1	9X-7406	1	SEAL-U-CUP	
	18	1	9X-8896	4	BOLT (1-8X4 IN)	
	19	1	8T-8380	1	SEAL-HEAD	
R-REMFG PART MAY BE AVAILABLE						

HYDRAULIC SYSTEM

198-6482 CYLINDER GP-BULLDOZER LIFT (contd.)

i01906631



GRAPHIC #1

<END>

VIEW OF AREA A

g01012297

HYDRAULIC SYSTEM

198-6483 CYLINDER GP-BULLDOZER LIFT-LH

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

177.8MM (7 IN) BORE X 1759.5MM (69.27 IN) STROKE

PART OF 201-3218 CYLINDER & VALVE GP-LIFT

AN ATTACHMENT

SMCS-5102

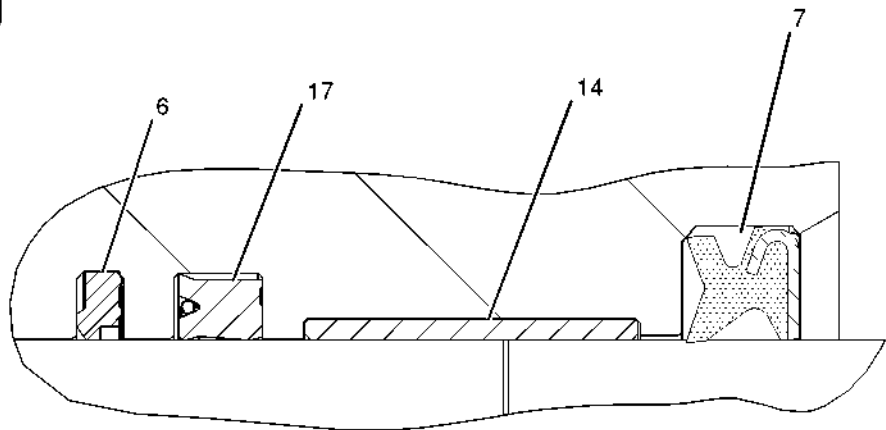
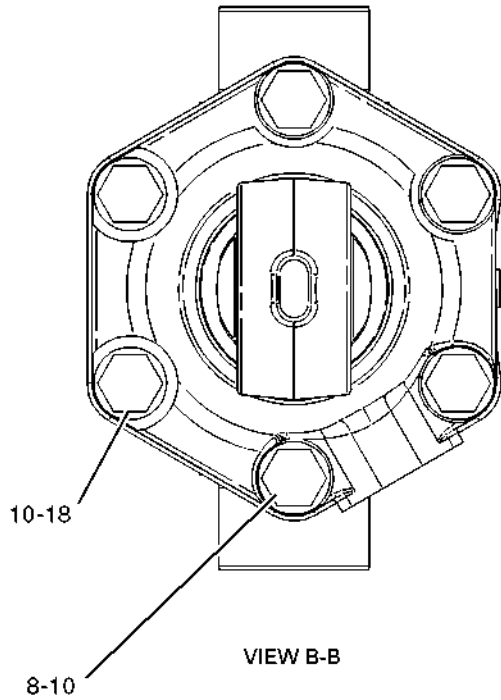
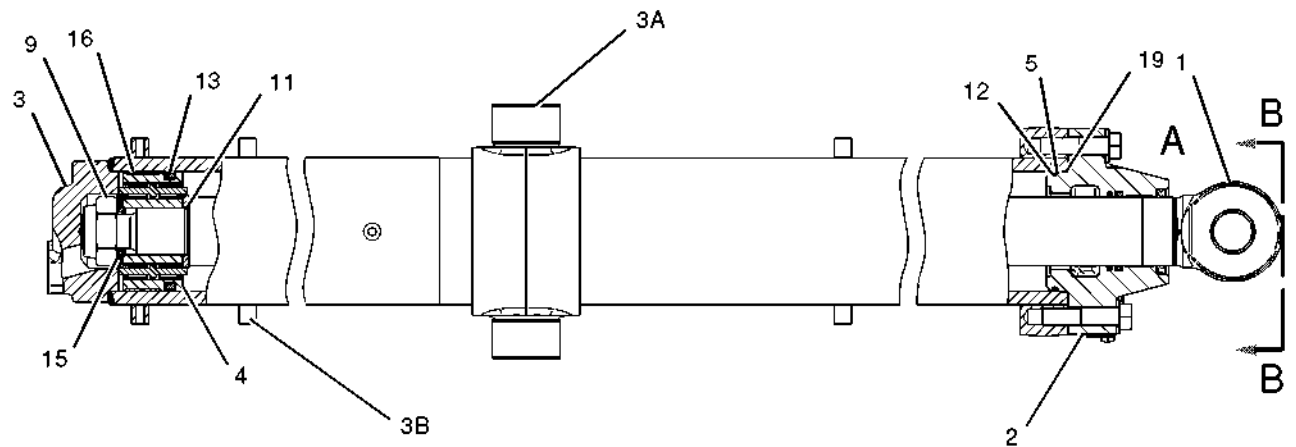
i01906633

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	6E-3914	1	ROD AS						
		1	1J-2192	1	BUSHING						
	2	1	162-7757	1	HEAD						
	3	1	198-6484	1	CYLINDER AS						
	3A	1	200-3926	2	BEARING-SLEEVE						
	3B	1	1S-8241	10	BOSS						
	4	1	110-5010	1	PISTON AS						
		1	9J-0520	2	PLUNGER						
		1	9J-0521	4	INSERT						
	5	1	162-7210	1	RING-BACKUP						
	6	1	167-2216	1	SEAL AS-BUFFER						
	7	1	225-3287	1	SEAL-WIPER						
	8	1	1D-4641	2	BOLT (1-8X4.5 IN)						
	9	1	5J-3488	1	LOCKNUT (2 1/4-12-2B THD)						
	10	1	5P-8250	6	WASHER (28X49X5MM THK)						
	11	1	6E-3917	1	WASHER (70.23X107.2X9.52MM THK)						
	12	1	8J-1665	1	SEAL-O-RING						
	13	1	8T-1789	1	SEAL AS						
	14	1	8T-7538	1	RING-WEAR (101.6MM ID)						
	15	1	9J-0523	1	WASHER (57.53X107.2X9.52MM THK)						
	16	1	9J-0711	1	RING-WEAR						
	17	1	9X-7406	1	SEAL-U-CUP						
	18	1	9X-8896	4	BOLT (1-8X4 IN)						
	19	1	8T-8380	1	SEAL-HEAD						
R-REMFG PART MAY BE AVAILABLE											

HYDRAULIC SYSTEM

198-6483 CYLINDER GP-BULLDOZER LIFT (contd.)

i01906633



GRAPHIC #1

<END>

g01012297

HYDRAULIC SYSTEM

198-6485 CYLINDER GP-BULLDOZER LIFT-RH

S/N: 7PZ1-UP

177.8MM (7 IN) BORE X 1759.5MM (69.27 IN) STROKE

PART OF 202-4328 CYLINDER & SENSOR GP-LIFT

AN ATTACHMENT

SMCS-5102

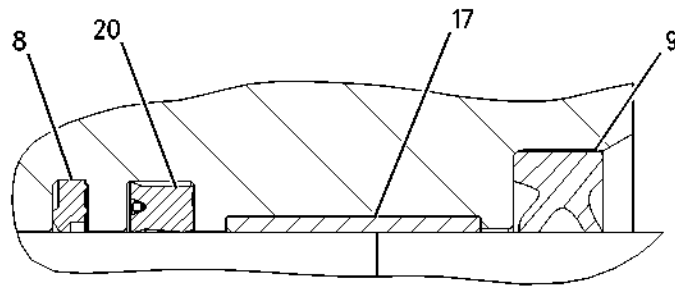
i01988883

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	162-7757	1	HEAD						
	2	1	198-6488	1	CYLINDER AS						
	2A	1	7K-3673	4	BOSS						
	2B	1	200-3926	2	BEARING-SLEEVE						
	2C	1	1S-8241	6	BOSS						
	3	1	110-5010	1	PISTON AS						
		1	9J-0520	2	PLUNGER						
		1	9J-0521	4	INSERT						
	4	1	126-5509	1	ROD AS						
		1	1J-2192	1	BUSHING						
	5	1	128-5011	2	SCREW						
	6	1	128-5012	2	WASHER						
	7	1	162-7210	1	RING-BACKUP						
	8	1	167-2216	1	SEAL AS-BUFFER						
	9	1	225-3287	1	SEAL-WIPER						
	10	1	180-4836	1	MAGNET AS (LIFT CYLINDER)						
	11	1	1D-4641	2	BOLT (1-8X4.5 IN)						
	12	1	5J-3488	1	LOCKNUT (2 1/4-12-2B THD) (2 1/4-12 THD)						
	13	1	5P-8250	6	WASHER (28X49X5MM THK)						
	14	1	6E-3917	1	WASHER (70.23X107.2X9.52MM THK)						
	15	1	8J-1665	1	SEAL-O-RING						
	16	1	8T-1789	1	SEAL AS						
	17	1	8T-7538	1	RING-WEAR (101.6MM ID)						
	18	1	9J-0523	1	WASHER (57.53X107.2X9.52MM THK)						
	19	1	9J-0711	1	RING-WEAR						
	20	1	9X-7406	1	SEAL-U-CUP						
	21	1	9X-8896	4	BOLT (1-8X4 IN)						
	22	1	8T-8380	1	SEAL-HEAD						

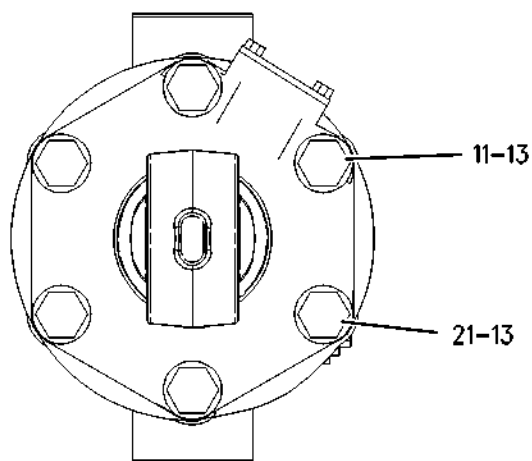
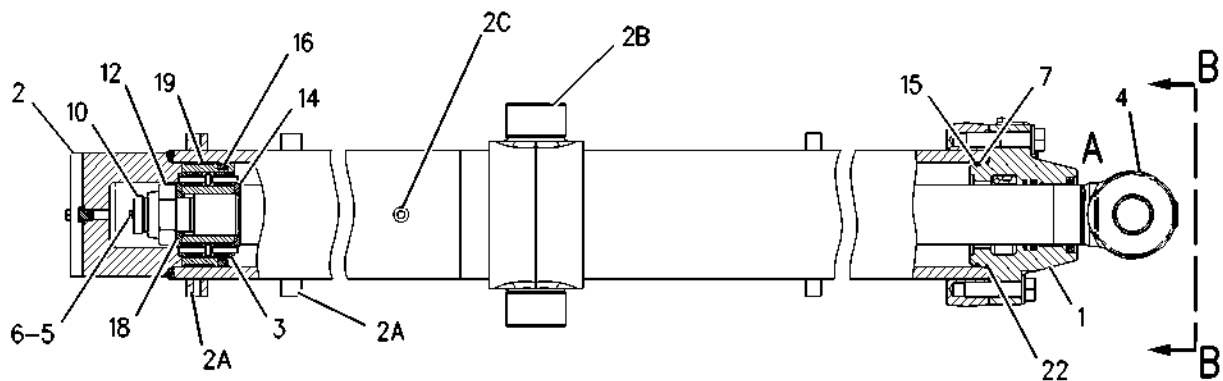
HYDRAULIC SYSTEM

198-6485 CYLINDER GP-BULLDOZER LIFT (contd.)

i01988883



VIEW OF AREA A



SECTION B-B

GRAPHIC #1

<END>

g00843522

HYDRAULIC SYSTEM

198-6486 CYLINDER GP-BULLDOZER LIFT-LH

S/N: 7PZ1-UP

177.8MM (7 IN) BORE X 1759.5MM (69.27IN) STROKE

PART OF 224-0829 CYLINDER & VALVE GP-LIFT

AN ATTACHMENT

SMCS-5102

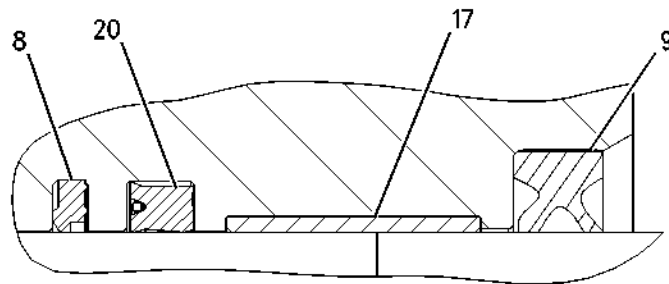
i01988882

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	162-7757	1	HEAD						
	2	1	198-6488	1	CYLINDER AS						
	2A	1	7K-3673	4	BOSS						
	2B	1	200-3926	2	BEARING-SLEEVE						
	2C	1	1S-8241	6	BOSS						
	3	1	110-5010	1	PISTON AS						
		1	9J-0520	2	PLUNGER						
		1	9J-0521	4	INSERT						
	4	1	126-5509	1	ROD AS						
		1	1J-2192	1	BUSHING						
	5	1	128-5011	2	SCREW						
	6	1	128-5012	2	WASHER						
	7	1	162-7210	1	RING-BACKUP						
	8	1	167-2216	1	SEAL AS-BUFFER						
	9	1	225-3287	1	SEAL-WIPER						
	10	1	180-4836	1	MAGNET AS (LIFT CYLINDER)						
	11	1	1D-4641	2	BOLT (1-8X4.5 IN)						
	12	1	5J-3488	1	LOCKNUT (2 1/4-12-2B THD)						
	13	1	5P-8250	6	WASHER (28X49X5MM THK)						
	14	1	6E-3917	1	WASHER (70.23X107.2X9.52MM THK)						
	15	1	8J-1665	1	SEAL-O-RING						
	16	1	8T-1789	1	SEAL AS						
	17	1	8T-7538	1	RING-WEAR (101.6MM ID)						
	18	1	9J-0523	1	WASHER (57.53X107.2X9.52MM THK)						
	19	1	9J-0711	1	RING-WEAR						
	20	1	9X-7406	1	SEAL-U-CUP						
	21	1	9X-8896	4	BOLT (1-8X4 IN)						
	22	1	8T-8380	1	SEAL-HEAD						

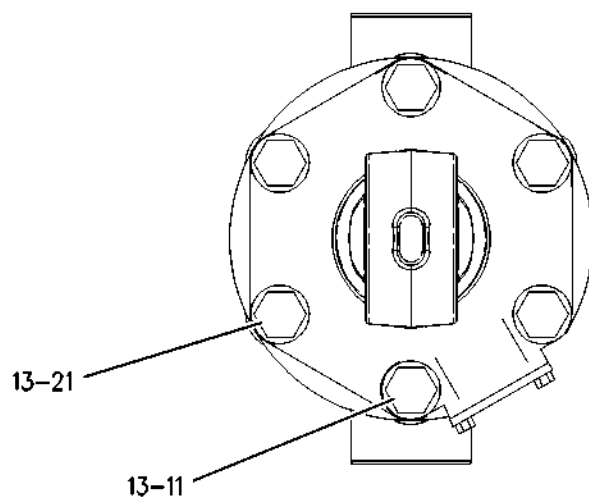
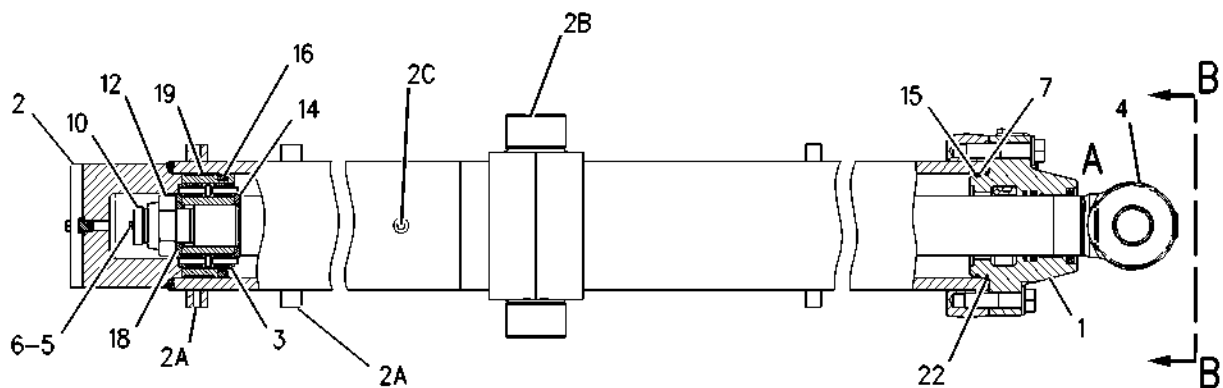
HYDRAULIC SYSTEM

198-6486 CYLINDER GP-BULLDOZER LIFT (contd.)

i01988882



VIEW OF AREA A



SECTION B-B

GRAPHIC #1

<END>

g00858367

HYDRAULIC SYSTEM

9T-3715 CYLINDER GP-TILT-RH

S/N: 8PP1-UP; 8RP1-UP

266.7MM (10.5 IN.) BORE X 285.8MM (11.2 IN.) STROKE

PART OF 119-4269 PUSH ARM GP-STABILIZER

AN ATTACHMENT

SMCS-5104

i01989507

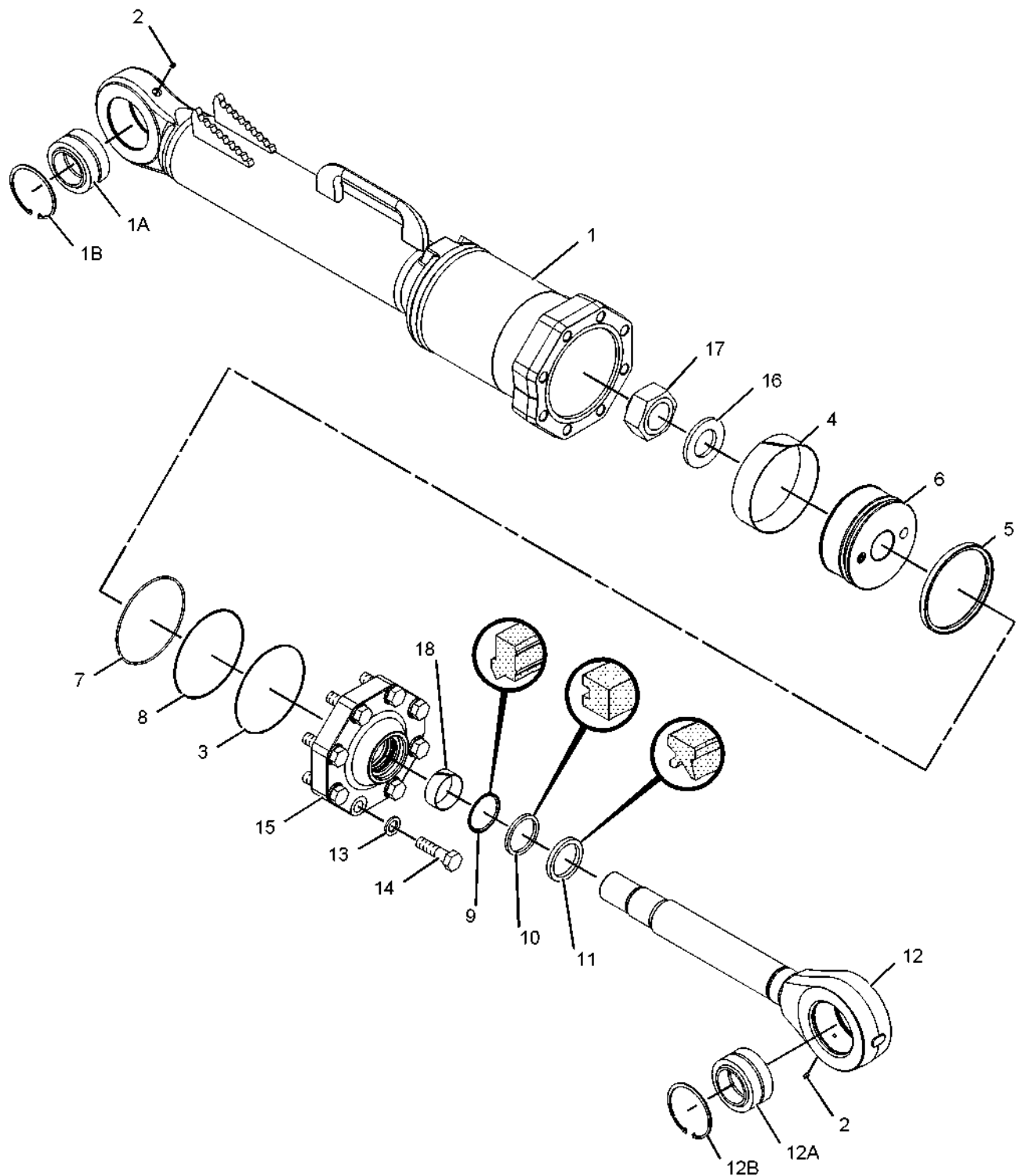
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	9T-3717	1	CYLINDER AS-RH	
	1A	1	152-7554	1	BEARING-SELF-ALIGNING	
	1B	1	8J-8905	2	RING-LOCK	
	2	1	3B-8489	2	FITTING-GREASE	
	3	1	7X-4756	1	SEAL	
	4	1	9J-1159	1	RING-WEAR (260.3MM ID)	
	5	1	8T-1796	1	SEAL AS	
CY	6	1	164-6427	1	PISTON & VALVE GP	829
	7	1	8L-9241	1	SEAL-O-RING	
C	8	1	157-7244	1	RING-BACKUP	
C	9	1	167-2216	1	SEAL AS-BUFFER	
	10	1	167-2331	1	SEAL-U-CUP	
C	11	1	225-3287	1	SEAL-WIPER	
R	12	1	112-4055	1	ROD AS	
	12A	1	152-7554	1	BEARING-SELF-ALIGNING	
	12B	1	8J-8905	2	RING-LOCK	
	13	1	4K-0684	8	WASHER-HARD (34X55X6MM THK)	
	14	1	3R-2300	8	BOLT (1 1/4-7X4.5 IN)	
C	15	1	164-6497	1	HEAD	
	16	1	4T-2576	1	WASHER (82.93X146X11.94MM THK)	
	17	1	7J-9250	1	LOCKNUT (3-1/4X12THD)	
	18	1	8T-7538	1	RING-WEAR (101.6MM ID)	

C-CHANGE FROM PREVIOUS TYPE
R-REMG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

9T-3715 CYLINDER GP-TILT (contd.)

i01989507



GRAPHIC #1

<END>

g01029443

HYDRAULIC SYSTEM

9T-3716 CYLINDER GP-TILT-LH

S/N: 8PP1-UP; 8RP1-UP

266.7MM (10.5 IN.) BORE X 285.8MM (11.2 IN.) STROKE

PART OF 119-4269 PUSH ARM GP-STABILIZER

AN ATTACHMENT

SMCS-5104

i01974638

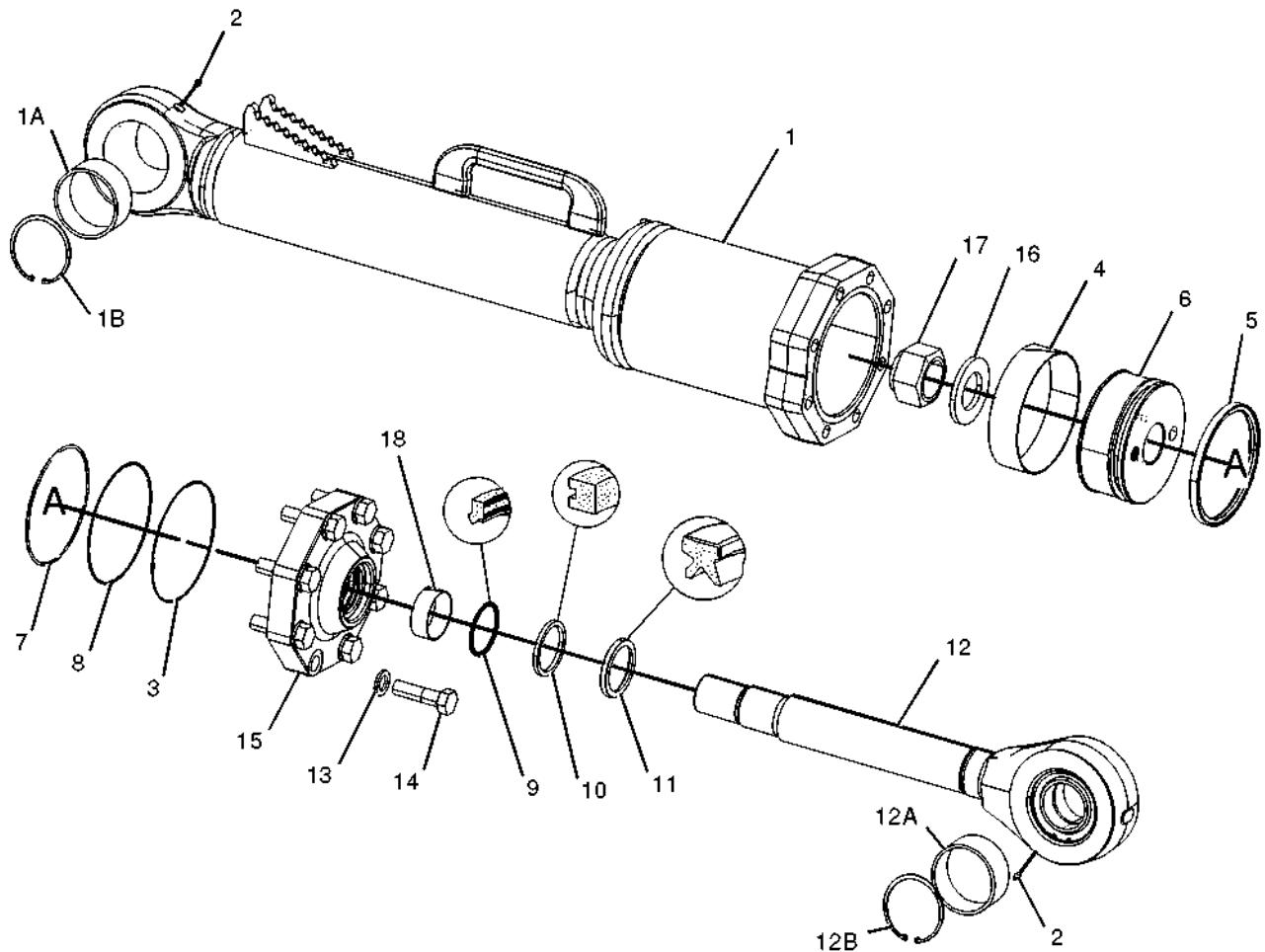
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	9T-3718	1	CYLINDER AS-LH	
	1A	1	152-7554	1	BEARING-SELF-ALIGNING	
	1B	1	8J-8905	2	RING-LOCK	
	2	1	3B-8489	2	FITTING-GREASE	
	3	1	7X-4756	1	SEAL	
	4	1	9J-1159	1	RING-WEAR (260.3MM ID)	
	5	1	8T-1796	1	SEAL AS	
CY	6	1	164-6427	1	PISTON & VALVE GP	829
	7	1	8L-9241	1	SEAL-O-RING	
C	8	1	157-7244	1	RING-BACKUP	
C	9	1	167-2216	1	SEAL AS-BUFFER	
	10	1	167-2331	1	SEAL-U-CUP	
C	11	1	225-3287	1	SEAL-WIPER	
R	12	1	112-4055	1	ROD AS	
	12A	1	152-7554	1	BEARING-SELF-ALIGNING	
	12B	1	8J-8905	2	RING-LOCK	
	13	1	4K-0684	8	WASHER-HARD (34X55X6MM THK)	
	14	1	3R-2300	8	BOLT (1 1/4-7X4.5 IN)	
C	15	1	164-6497	1	HEAD	
	16	1	4T-2576	1	WASHER (82.93X146X11.94MM THK)	
	17	1	7J-9250	1	LOCKNUT (3-1/4X12THD)	
	18	1	8T-7538	1	RING-WEAR (101.6MM ID)	

C-CHANGE FROM PREVIOUS TYPE
R-REMG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

9T-3716 CYLINDER GP-TILT (contd.)

i01974638



GRAPHIC #1

<END>

g01030381

HYDRAULIC SYSTEM

101-8581 CYLINDER GP-RIPPER-RH

S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP

254MM (10 IN.) BORE X 613MM (24.1 IN.) STROKE

PART OF 127-1031, 130-6458, 130-6462 RIPPER AR

AN ATTACHMENT

TYPE 1

SMCS-5352, 5356

i01988891

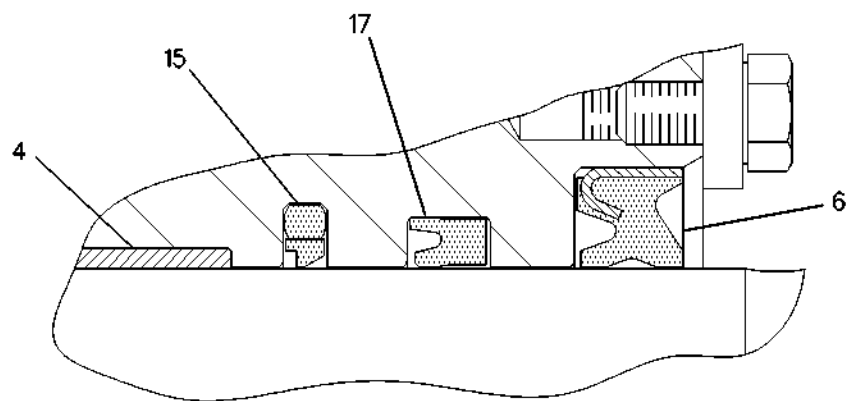
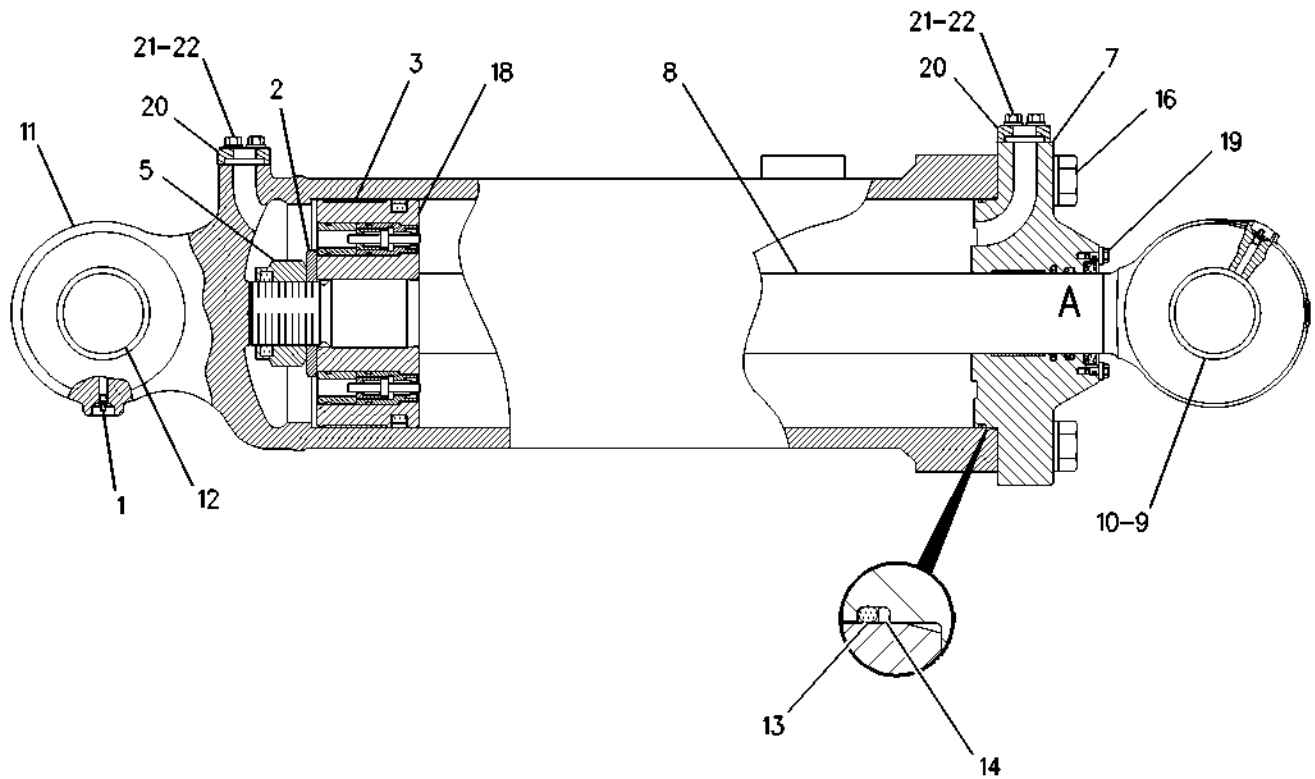
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3B-8489	2	FITTING-GREASE	
	2	1	3G-3903	1	WASHER (70.23X140X11.94MM THK)	
J	3	1	8C-3843	1	RING-WEAR	
J	4	1	8T-6746	1	RING-WEAR	
	5	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)	
J	6	1	8C-5219	1	SEAL-LIP TYPE	
R	7	1	9T-5819	1	HEAD	
R	8	1	102-0691	1	ROD AS	
	9	1	9J-1175	2	BEARING-SLEEVE	
	10	1	4J-4955	1	SPACER (3X100X5MM THK)	
R	11	1	102-0519	1	CYLINDER AS-RH	
	12	1	9J-1175	2	BEARING-SLEEVE	
		1	4J-4955	1	SPACER (3X100X5MM THK)	
J	13	1	5P-2235	1	SEAL-O-RING	
J	14	1	1U-3307	1	RING-BACKUP	
J	15	1	8C-9127	1	SEAL AS	
	16	1	3R-2300	8	BOLT (1 1/4-7X4.5 IN)	
		1	4K-0684	8	WASHER-HARD (34X55X6MM THK)	
J	17	1	5J-8350	1	SEAL-U-CUP	
Y	18	1	102-0693	1	PISTON & VALVE GP	828
	19	1	2H-3755	4	BOLT (5/16-18X0.62 IN)	
		1	7S-6369	4	WASHER (.344X.75X.188 IN THK)	
	20	1	1P-4577	4	FLANGE-HALF	
	21	1	5S-7382	8	BOLT (3/8-16X1.375 IN)	
	22	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)	
AVAILABLE REPAIR KIT(S) :						
J			132-4919	1	KIT-SEAL (RIPPER CYLINDER)	
(INCLUDES HEAD SEAL, O-RING SEAL, PISTON SEAL AS AND PARTS MARKED J)						

J-KIT MARKED J INCLUDES PARTS MARKED J
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

101-8581 CYLINDER GP-RIPPER (contd.)

i01988891



VIEW OF AREA A

GRAPHIC #1

<END>

g00665141

HYDRAULIC SYSTEM

101-8581 CYLINDER GP-RIPPER-RH

S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP

254MM (10 IN.) BORE X 613MM (24.1 IN.) STROKE

PART OF 127-1031, 130-6458, 130-6462 RIPPER AR

AN ATTACHMENT

TYPE 2

SMCS-5352, 5356

i01988892

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3B-8489	2	FITTING-GREASE	
	2	1	3G-3903	1	WASHER (70.23X140X11.94MM THK)	
	3	1	8C-3843	1	RING-WEAR	
	4	1	8T-6746	1	RING-WEAR	
	5	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)	
C	6	1	225-3286	1	SEAL-WIPER	
R	7	1	9T-5819	1	HEAD	
R	8	1	102-0691	1	ROD AS	
	9	1	9J-1175	2	BEARING-SLEEVE	
	10	1	4J-4955	1	SPACER (3X100X5MM THK)	
R	11	1	102-0519	1	CYLINDER AS-RH	
	12	1	2V-0481	1	BLOCK	
	13	1	5P-2235	1	SEAL-O-RING	
	14	1	1U-3307	1	RING-BACKUP	
	15	1	167-2211	1	SEAL AS-BUFFER	
	16	1	3R-2300	8	BOLT (1 1/4-7X4.5 IN)	
		1	4K-0684	8	WASHER-HARD (34X55X6MM THK)	
	17	1	167-2324	1	SEAL-U-CUP	
Y	18	1	102-0693	1	PISTON & VALVE GP (PISTON GP CYLINDER)	828
	19	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)	
	20	1	1P-4577	4	FLANGE-HALF	
	21	1	5S-7382	8	BOLT (3/8-16X1.375 IN)	

C-CHANGE FROM PREVIOUS TYPE

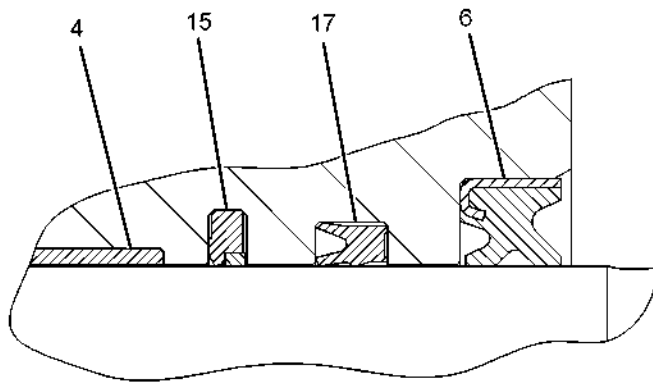
R-REMG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

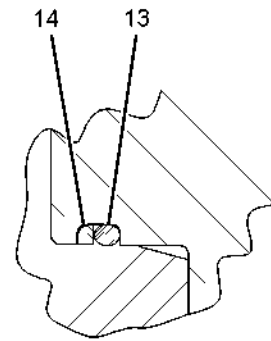
HYDRAULIC SYSTEM

101-8581 CYLINDER GP-RIPPER (contd.)

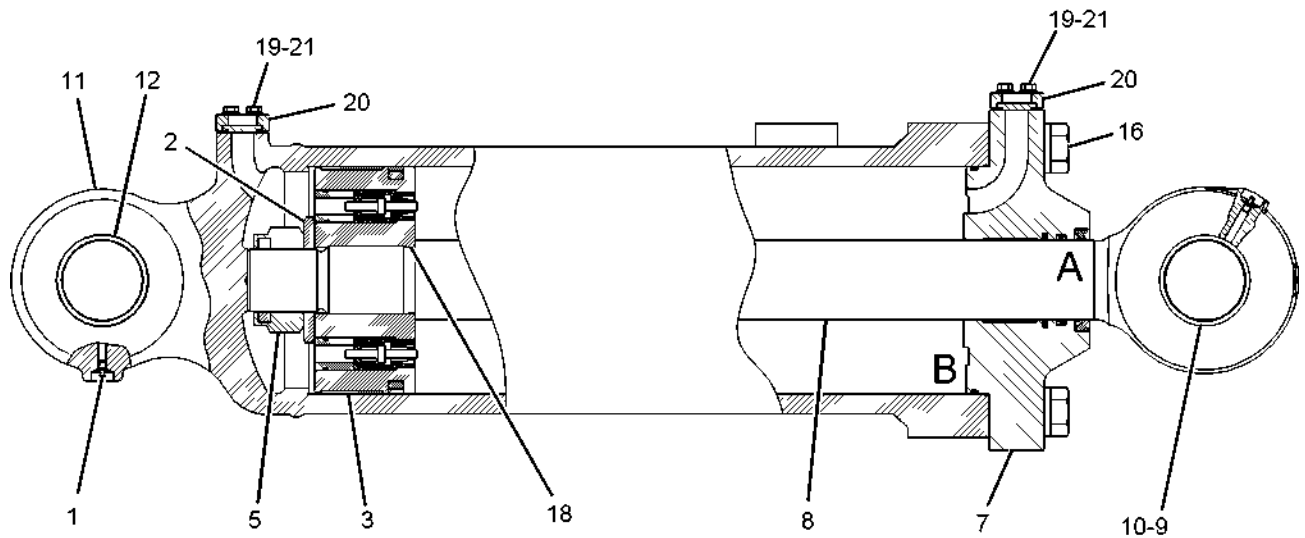
i01988892



VIEW OF AREA A



VIEW OF AREA B



GRAPHIC #1

<END>

g01025014

HYDRAULIC SYSTEM

101-8614 CYLINDER GP-RIPPER-LH

S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP

254MM (10 IN.) BORE X 613MM (24.1 IN.) STROKE

PART OF 127-1031, 130-6458, 130-6462 RIPPER AR

AN ATTACHMENT

TYPE 1

SMCS-5352, 5356

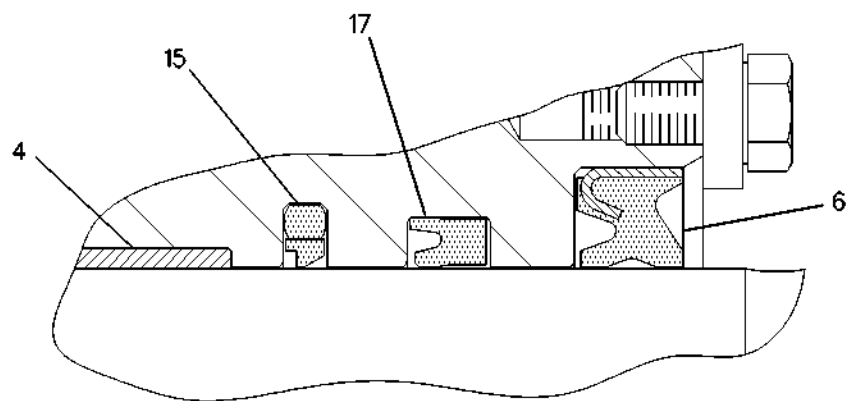
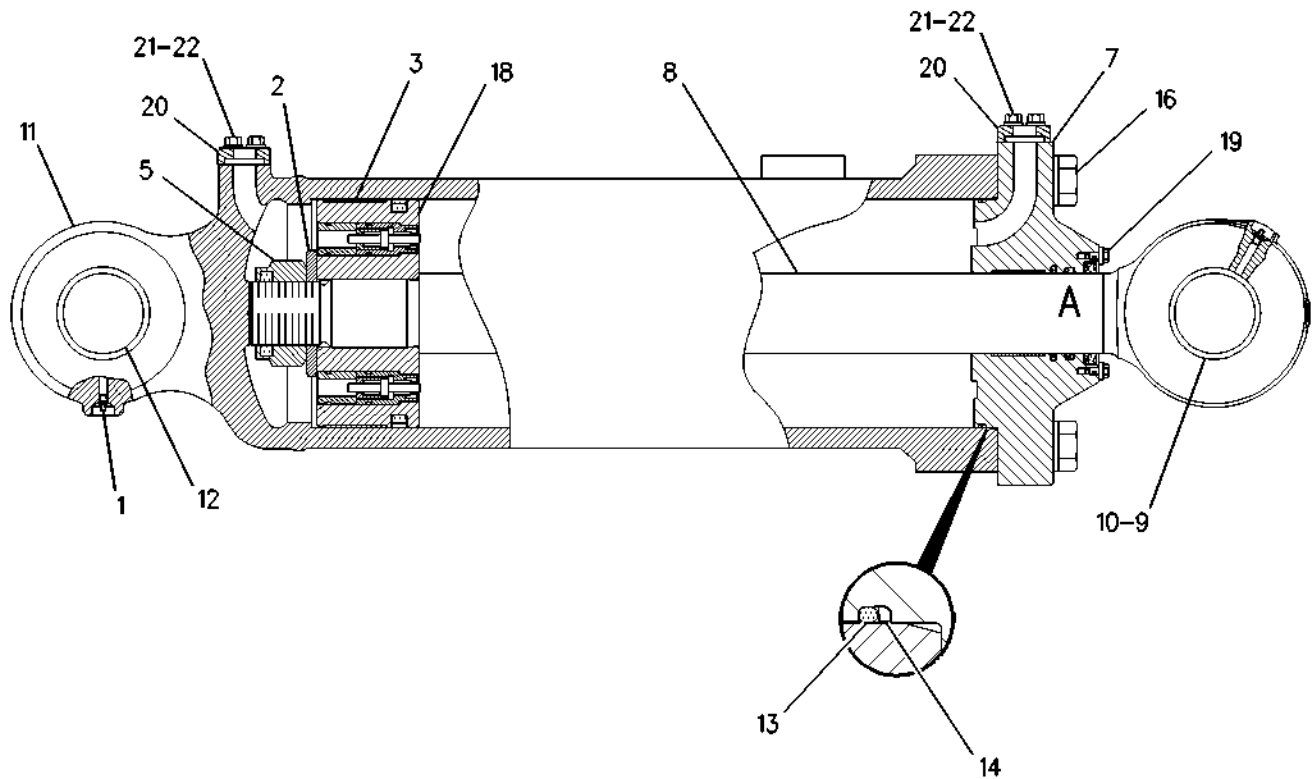
i01988889

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3B-8489	2	FITTING-GREASE	
	2	1	3G-3903	1	WASHER (70.23X140X11.94MM THK)	
J	3	1	8C-3843	1	RING-WEAR	
J	4	1	8T-6746	1	RING-WEAR	
	5	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)	
J	6	1	8C-5219	1	SEAL-LIP TYPE	
R	7	1	9T-5819	1	HEAD	
R	8	1	102-0691	1	ROD AS	
	9	1	9J-1175	2	BEARING-SLEEVE	
	10	1	4J-4955	1	SPACER (3X100X5MM THK)	
R	11	1	102-0520	1	CYLINDER AS-LH	
	12	1	9J-1175	2	BEARING-SLEEVE	
		1	4J-4955	1	SPACER (3X100X5MM THK)	
J	13	1	5P-2235	1	SEAL-O-RING	
J	14	1	1U-3307	1	RING-BACKUP	
J	15	1	8C-9127	1	SEAL AS	
	16	1	3R-2300	8	BOLT (1 1/4-7X4.5 IN)	
		1	4K-0684	8	WASHER-HARD (34X55X6MM THK)	
J	17	1	5J-8350	1	SEAL-U-CUP	
Y	18	1	102-0693	1	PISTON & VALVE GP	828
	19	1	2H-3755	4	BOLT (5/16-18X0.62 IN)	
		1	7S-6369	4	WASHER (.344X.75X.188 IN THK)	
	20	1	1P-4577	4	FLANGE-HALF	
	21	1	5S-7382	8	BOLT (3/8-16X1.375 IN)	
	22	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)	
AVAILABLE REPAIR KIT(S) :						
J			132-4919	1	KIT-SEAL (RIPPER CYLINDER)	
(INCLUDES HEAD SEAL, O-RING SEAL, PISTON SEAL AS AND PARTS MARKED J)						
J-KIT MARKED J SERVICES PARTS MARKED J						
R-REMFG PART MAY BE AVAILABLE						
Y-SEPARATE ILLUSTRATION						

HYDRAULIC SYSTEM

101-8614 CYLINDER GP-RIPPER (contd.)

i01988889



VIEW OF AREA A

GRAPHIC #1

<END>

g00665062

HYDRAULIC SYSTEM

101-8614 CYLINDER GP-RIPPER-LH

S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP

254MM (10 IN.) BORE X 613MM (24.1 IN.) STROKE

PART OF 127-1031, 130-6458, 130-6462 RIPPER AR

AN ATTACHMENT

TYPE 2

SMCS-5352, 5356

i01988890

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3B-8489	2	FITTING-GREASE	
	2	1	3G-3903	1	WASHER (70.23X140X11.94MM THK)	
	3	1	8C-3843	1	RING-WEAR	
	4	1	8T-6746	1	RING-WEAR	
	5	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)	
C	6	1	225-3286	1	SEAL-WIPER	
R	7	1	9T-5819	1	HEAD	
R	8	1	102-0691	1	ROD AS	
	9	1	9J-1175	2	BEARING-SLEEVE	
	10	1	4J-4955	1	SPACER (3X100X5MM THK)	
R	11	1	102-0520	1	CYLINDER AS-LH	
	12	1	2V-0481	1	BLOCK	
	13	1	5P-2235	1	SEAL-O-RING	
	14	1	1U-3307	1	RING-BACKUP	
C	15	1	167-2211	1	SEAL AS-BUFFER	
	16	1	3R-2300	8	BOLT (1 1/4-7X4.5 IN)	
		1	4K-0684	8	WASHER-HARD (34X55X6MM THK)	
C	17	1	167-2324	1	SEAL-U-CUP	
Y	18	1	102-0693	1	PISTON & VALVE GP	828
	19	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)	
	20	1	1P-4577	4	FLANGE-HALF	
	21	1	5S-7382	8	BOLT (3/8-16X1.375 IN)	

C-CHANGE FROM PREVIOUS TYPE

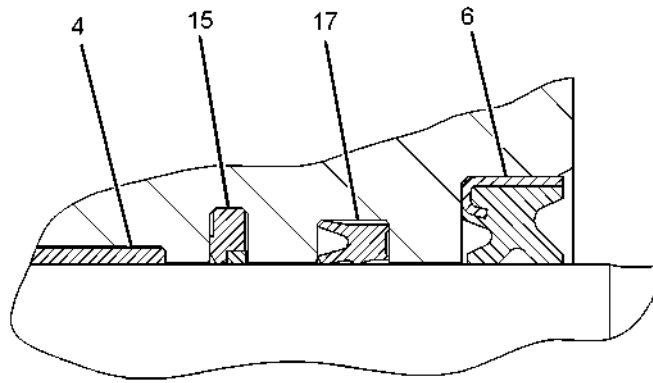
R-REMG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

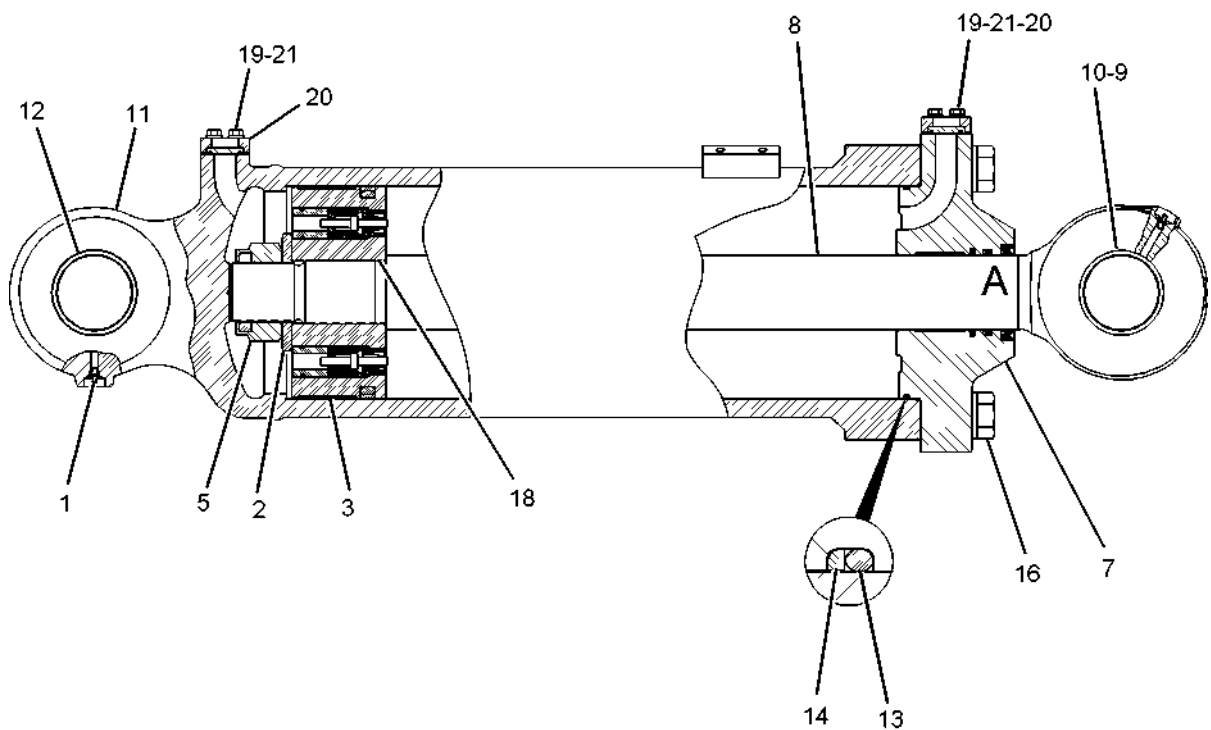
HYDRAULIC SYSTEM

101-8614 CYLINDER GP-RIPPER (contd.)

i01988890



VIEW OF AREA A



GRAPHIC #1

<END>

g01025035

HYDRAULIC SYSTEM

161-6615 CYLINDER GP-RIPPER-RH

S/N: 7ZP1-UP

254 MM (10 IN) BORE X 613 MM (24.1 IN) STROKE

PART OF 161-2420 RIPPER AR

AN ATTACHMENT

TYPE 1

SMCS-5352, 5356

i01988887

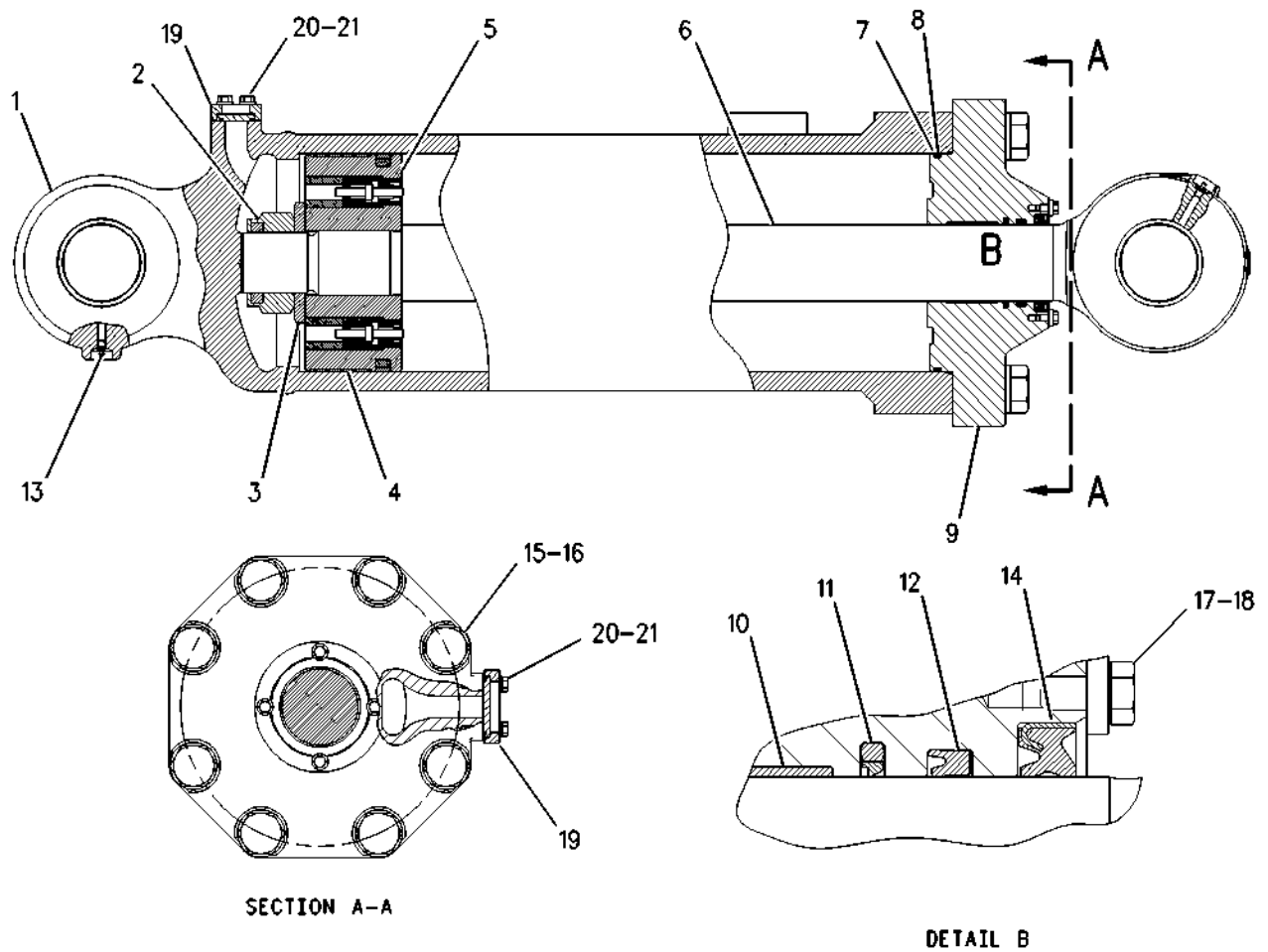
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	102-0519	1	CYLINDER AS-RH						
		1	2V-0481	1	BLOCK						
		1	4J-4955	1	SPACER (3X100X5MM THK)						
		1	9J-1175	2	BEARING-SLEEVE						
	2	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)						
	3	1	3G-3903	1	WASHER (70.23X140X11.94MM THK)						
	4	1	8C-3843	1	RING-WEAR						
Y	5	1	102-0693	1	PISTON & VALVE GP						828
R	6	1	102-0691	1	ROD AS						
		1	4J-4955	1	SPACER (3X100X5MM THK)						
		1	9J-1175	2	BEARING-SLEEVE						
	7	1	5P-2235	1	SEAL-O-RING						
	8	1	1U-3307	1	RING-BACKUP						
R	9	1	9T-5819	1	HEAD						
	10	1	8T-6746	1	RING-WEAR						
	11	1	8C-9127	1	SEAL AS						
	12	1	5J-8350	1	SEAL-U-CUP						
	13	1	3B-8489	2	FITTING-GREASE						
	14	1	8C-5219	1	SEAL-LIP TYPE						
	15	1	3R-2300	8	BOLT (1 1/4-7X4.5 IN)						
	16	1	4K-0684	8	WASHER-HARD (34X55X6MM THK)						
	17	1	2H-3755	4	BOLT (5/16-18X0.62 IN)						
	18	1	7S-6369	4	WASHER (.344X.75X.188 IN THK)						
	19	1	1P-4577	4	FLANGE-HALF						
	20	1	5S-7382	8	BOLT (3/8-16X1.375 IN)						
	21	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)						

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

161-6615 CYLINDER GP-RIPPER (contd.)

i01988887



GRAPHIC #1

<END>

g00514976

HYDRAULIC SYSTEM

161-6615 CYLINDER GP-RIPPER-RH

S/N: 7ZP1-UP

254 MM (10 IN) BORE X 613 MM (24.1 IN) STROKE

PART OF 161-2420 RIPPER AR

AN ATTACHMENT

TYPE 2

SMCS-5352, 5356

i01988894

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	102-0519	1	CYLINDER AS-RH	
		1	4J-4955	1	SPACER (3X100X5MM THK)	
		1	9J-1175	2	BEARING-SLEEVE	
		1	2V-0481	1	BLOCK	
	2	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)	
	3	1	3G-3903	1	WASHER (70.23X140X11.94MM THK)	
	4	1	8C-3843	1	RING-WEAR	
Y	5	1	102-0693	1	PISTON & VALVE GP	828
R	6	1	102-0691	1	ROD AS	
		1	4J-4955	1	SPACER (3X100X5MM THK)	
		1	9J-1175	2	BEARING-SLEEVE	
	7	1	5P-2235	1	SEAL-O-RING	
	8	1	1U-3307	1	RING-BACKUP	
R	9	1	9T-5819	1	HEAD	
	10	1	8T-6746	1	RING-WEAR	
C	11	1	167-2211	1	SEAL AS-BUFFER	
C	12	1	167-2324	1	SEAL-U-CUP	
	13	1	3B-8489	2	FITTING-GREASE	
C	14	1	225-3286	1	SEAL-WIPER	
	15	1	3R-2300	8	BOLT (1 1/4-7X4.5 IN)	
	16	1	4K-0684	8	WASHER-HARD (34X55X6MM THK)	
	17	1	1P-4577	4	FLANGE-HALF	
	18	1	5S-7382	8	BOLT (3/8-16X1.375 IN)	
	19	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)	

C-CHANGE FROM PREVIOUS TYPE

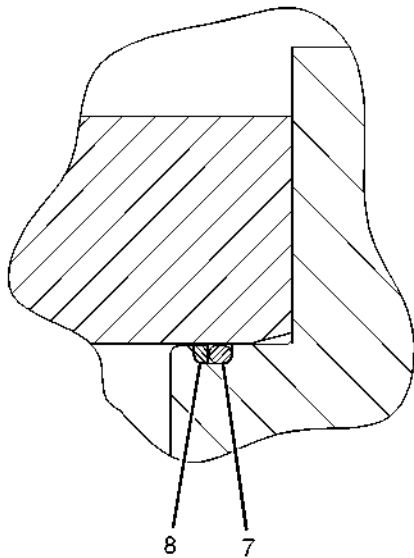
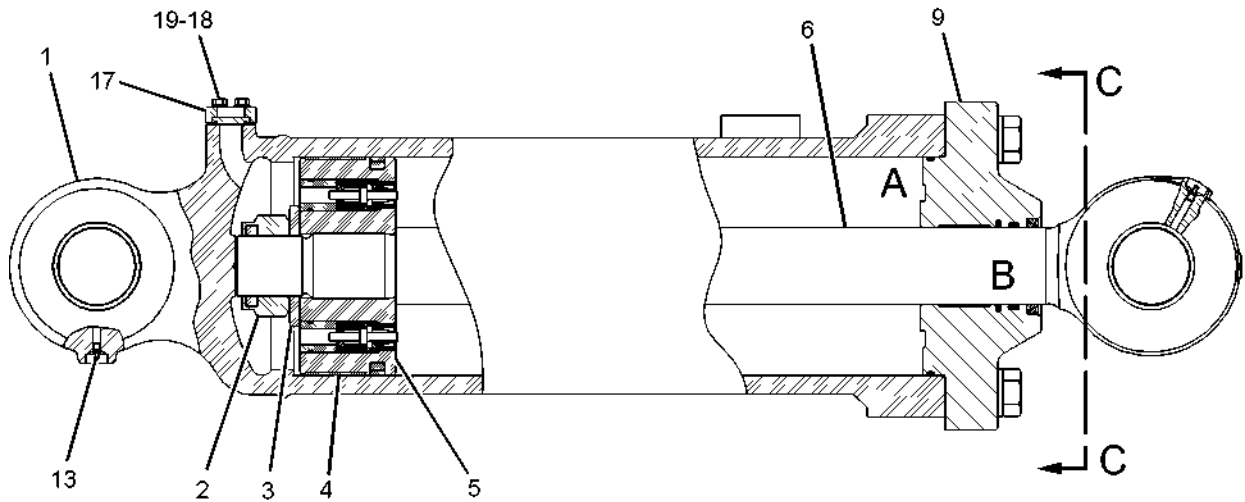
R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

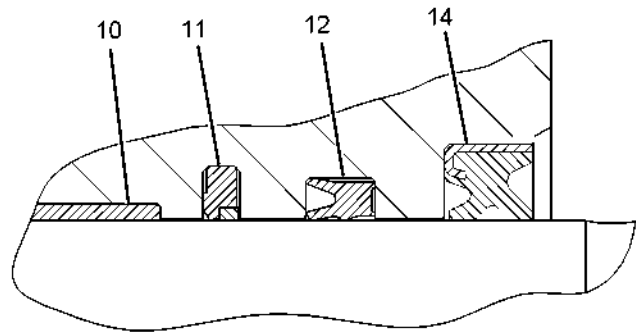
HYDRAULIC SYSTEM

161-6615 CYLINDER GP-RIPPER (contd.)

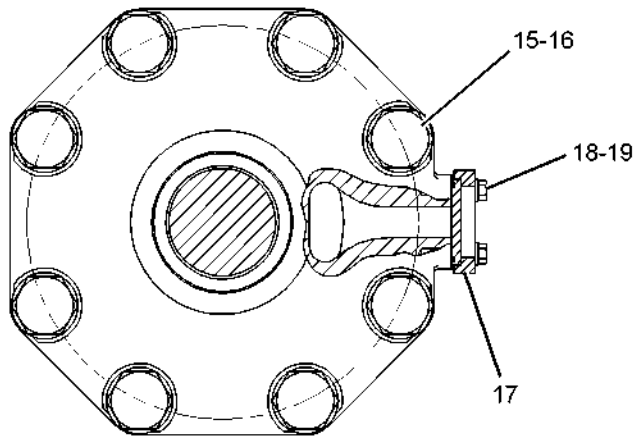
i01988894



VIEW OF AREA A



VIEW OF AREA B



VIEW OF AREA C
<END>

GRAPHIC #1

g01026016

HYDRAULIC SYSTEM

161-6616 CYLINDER GP-RIPPER-LH

S/N: 7ZP1-UP

254 MM (10 IN) X 613 MM (24.1 IN) STROKE

PART OF 161-2420 RIPPER AR

AN ATTACHMENT

TYPE 1

SMCS-5352, 5356

i01988884

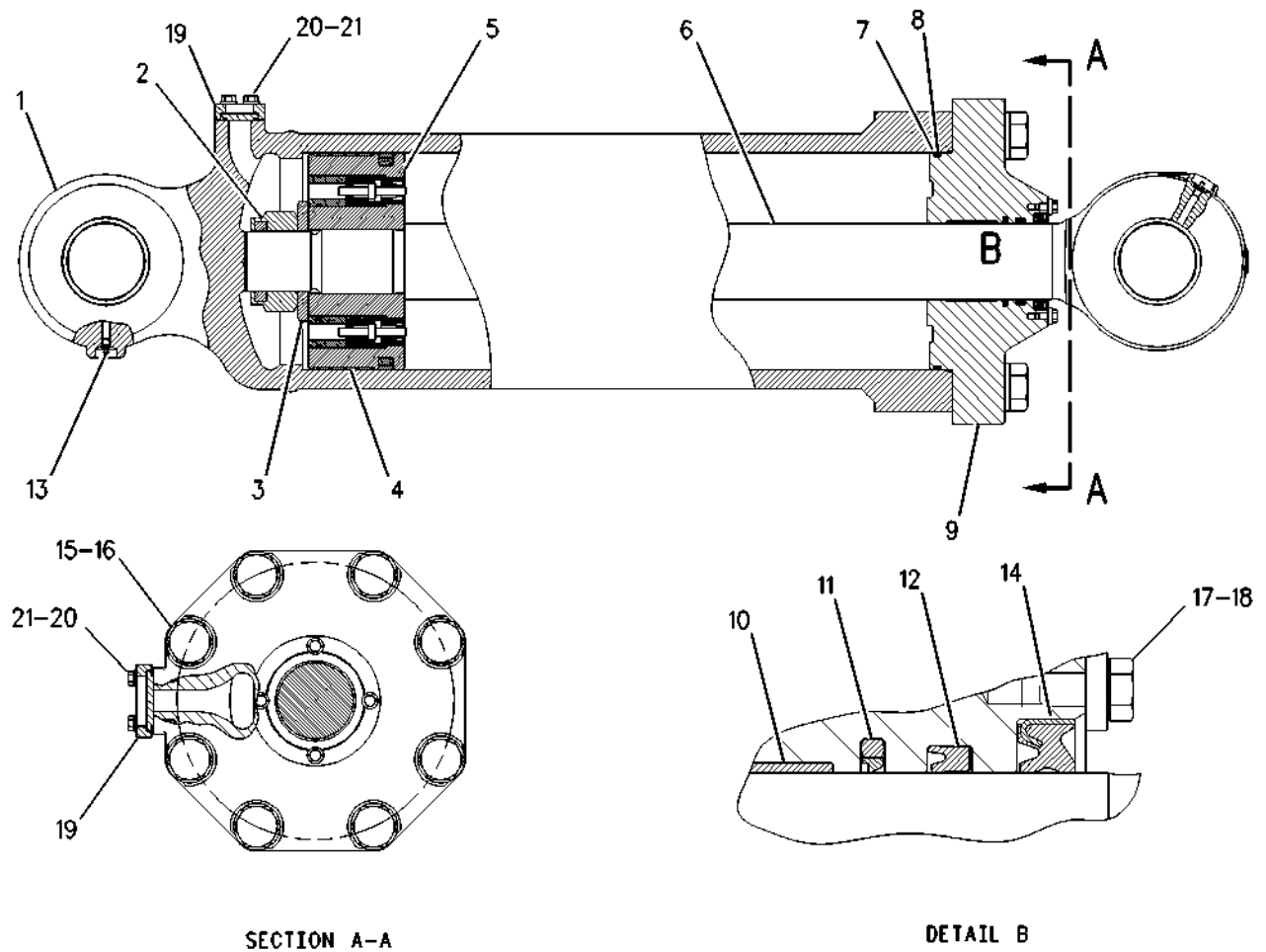
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	102-0520	1	CYLINDER AS-LH						
		1	2V-0481	1	BLOCK						
		1	4J-4955	1	SPACER (3X100X5MM THK)						
		1	9J-1175	2	BEARING-SLEEVE						
	2	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)						
	3	1	3G-3903	1	WASHER (70.23X140X11.94MM THK)						
	4	1	8C-3843	1	RING-WEAR						
Y	5	1	102-0693	1	PISTON & VALVE GP						828
R	6	1	102-0691	1	ROD AS						
		1	4J-4955	1	SPACER (3X100X5MM THK)						
		1	9J-1175	2	BEARING-SLEEVE						
	7	1	5P-2235	1	SEAL-O-RING						
	8	1	1U-3307	1	RING-BACKUP						
R	9	1	9T-5819	1	HEAD						
	10	1	8T-6746	1	RING-WEAR						
	11	1	8C-9127	1	SEAL AS						
	12	1	5J-8350	1	SEAL-U-CUP						
	13	1	3B-8489	2	FITTING-GREASE						
	14	1	8C-5219	1	SEAL-LIP TYPE						
	15	1	3R-2300	8	BOLT (1 1/4-7X4.5 IN)						
	16	1	4K-0684	8	WASHER-HARD (34X55X6MM THK)						
	17	1	2H-3755	4	BOLT (5/16-18X0.62 IN)						
	18	1	7S-6369	4	WASHER (.344X.75X.188 IN THK)						
	19	1	1P-4577	4	FLANGE-HALF						
	20	1	5S-7382	8	BOLT (3/8-16X1.375 IN)						
	21	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)						

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

161-6616 CYLINDER GP-RIPPER (contd.)

i01988884



GRAPHIC #1

<END>

g00514986

HYDRAULIC SYSTEM

161-6616 CYLINDER GP-RIPPER-LH

S/N: 7ZP1-UP

254 MM (10 IN) X 613 MM (24.1 IN) STROKE

PART OF 161-2420 RIPPER AR

AN ATTACHMENT

TYPE 2

SMCS-5352, 5356

i01988885

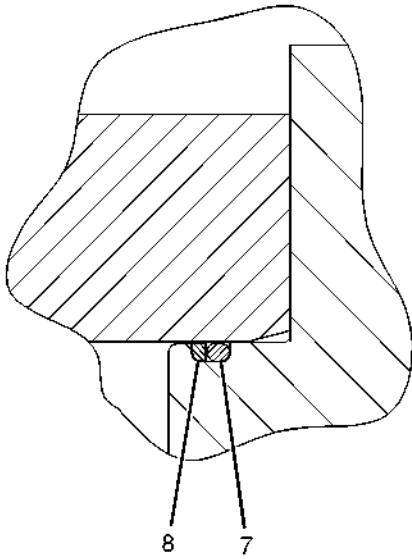
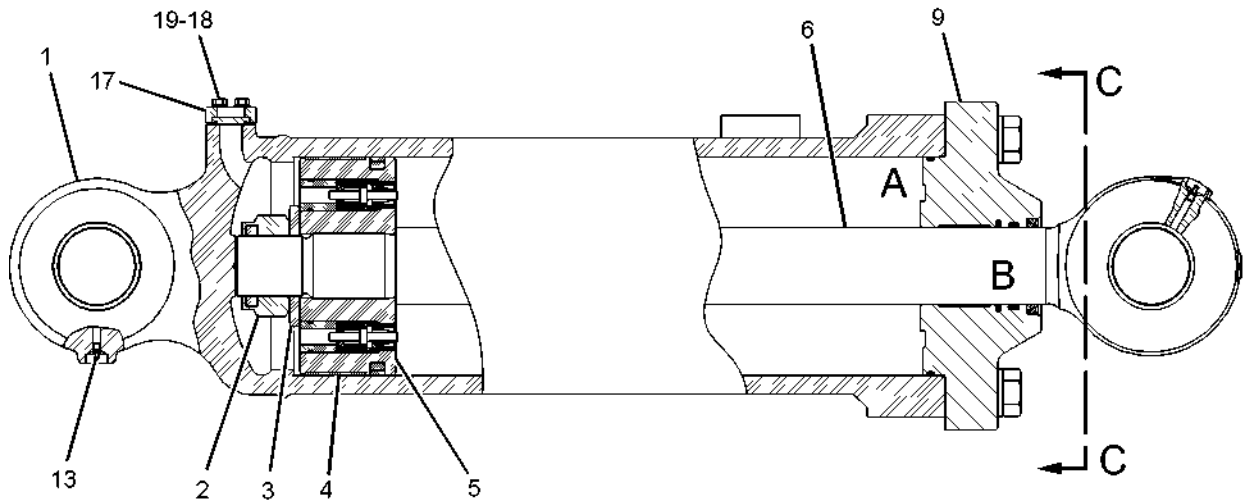
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	102-0520	1	CYLINDER AS-LH	
		1	2V-0481	1	BLOCK	
		1	4J-4955	1	SPACER (3X100X5MM THK)	
		1	9J-1175	2	BEARING-SLEEVE	
	2	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)	
	3	1	3G-3903	1	WASHER (70.23X140X11.94MM THK)	
	4	1	8C-3843	1	RING-WEAR	
Y	5	1	102-0693	1	PISTON & VALVE GP	828
R	6	1	102-0691	1	ROD AS	
		1	4J-4955	1	SPACER (3X100X5MM THK)	
		1	9J-1175	2	BEARING-SLEEVE	
	7	1	5P-2235	1	SEAL-O-RING	
	8	1	1U-3307	1	RING-BACKUP	
R	9	1	9T-5819	1	HEAD	
	10	1	8T-6746	1	RING-WEAR	
	11	1	167-2211	1	SEAL AS-BUFFER	
	12	1	167-2324	1	SEAL-U-CUP	
	13	1	3B-8489	2	FITTING-GREASE	
	14	1	225-3286	1	SEAL-WIPER	
	15	1	3R-2300	8	BOLT (1 1/4-7X4.5 IN)	
	16	1	4K-0684	8	WASHER-HARD (34X55X6MM THK)	
	17	1	1P-4577	4	FLANGE-HALF	
	18	1	5S-7382	8	BOLT (3/8-16X1.375 IN)	
	19	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

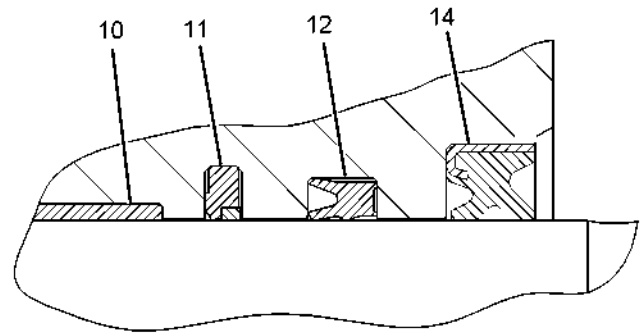
HYDRAULIC SYSTEM

161-6616 CYLINDER GP-RIPPER (contd.)

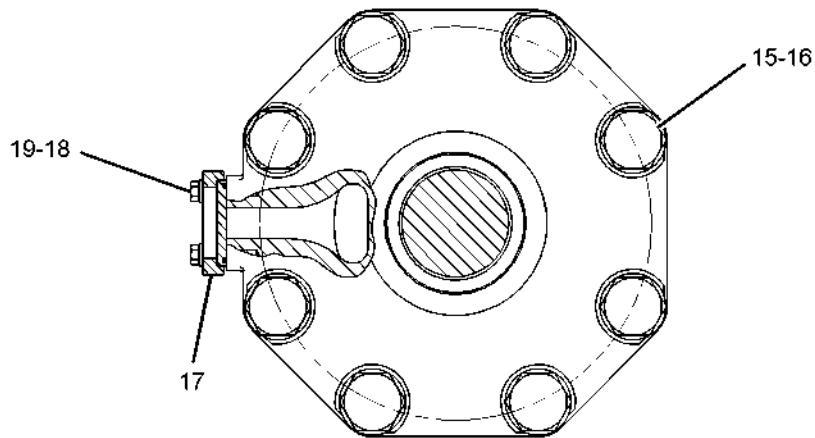
i01988885



VIEW OF AREA A



VIEW OF AREA B



VIEW OF AREA C
<END>

GRAPHIC #1

g01026033

HYDRAULIC SYSTEM

6E-3113 CYLINDER GP-RIPPER PIN PULLER

S/N: 7YP1-UP; 7ZP1-UP; 7PZ1-UP

101.6MM (4 IN) BORE X 138.5MM (5.5 IN) STROKE

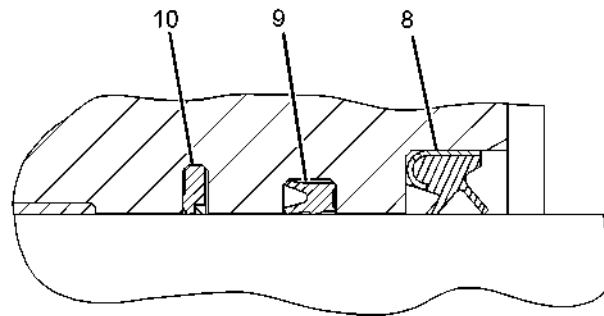
PART OF 130-5356 PULLER AR-PIN, 150-5414, 4Z-8842 PULLER GP-PIN
AN ATTACHMENT

SMCS-5354

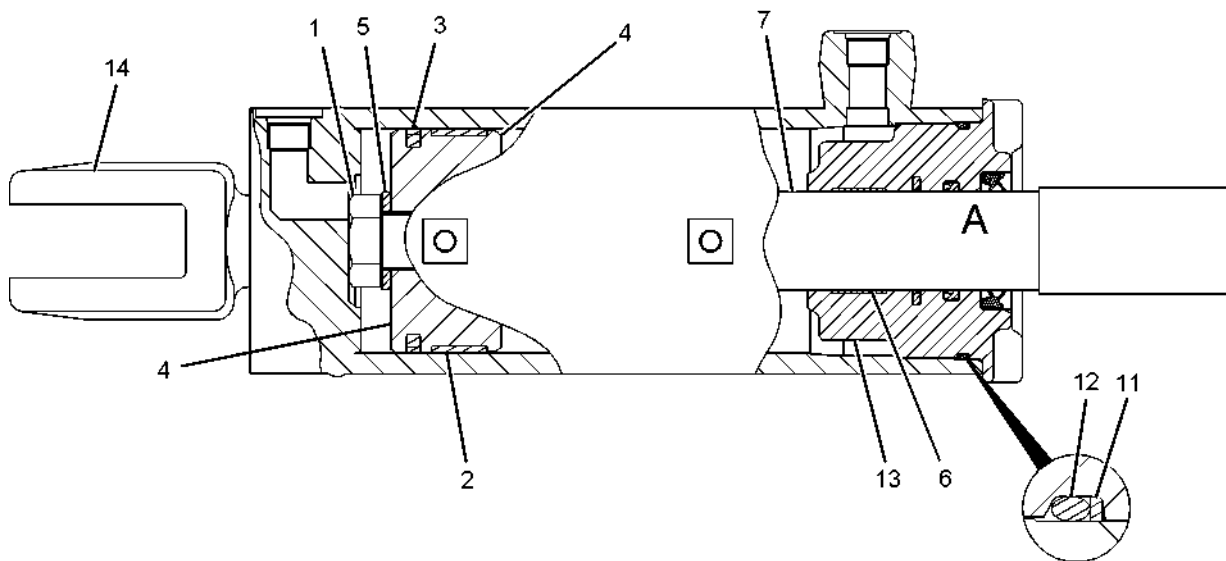
i02024570

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	173-9779	1	BOLT (M24X3.0X80-MM)						
	2	1	6J-2797	1	RING-WEAR						
	3	1	5J-5402	1	SEAL AS						
	4	1	9T-3493	1	PISTON						
	5	1	6V-8237	1	WASHER (26X44X4-MM THK)						
	6	1	4T-6907	1	RING-WEAR						
	7	1	6E-3980	1	ROD AS						
	8	1	231-3539	1	SEAL-WIPER						
	9	1	167-2300	1	SEAL-U-CUP						
	10	1	167-2190	1	SEAL AS-BUFFER						
	11	1	2K-6830	1	RING-BACKUP						
	12	1	175-7900	1	SEAL-O-RING						
	13	1	6E-4976	1	HEAD						
	14	1	6E-3976	1	CYLINDER AS						

M-METRIC PART



VIEW OF AREA A



GRAPHIC #1

<END>

g01016887

HYDRAULIC SYSTEM

1U-2711 CYLINDER GP-TILT-SINGLE TILT

S/N: 7PZ1-UP

266.7MM (10.5 IN.) BORE X 286.5MM (11.28 IN.) STROKE

PART OF 119-4283 CYLINDER AR-TILT

AN ATTACHMENT

SMCS-5356

i01989504

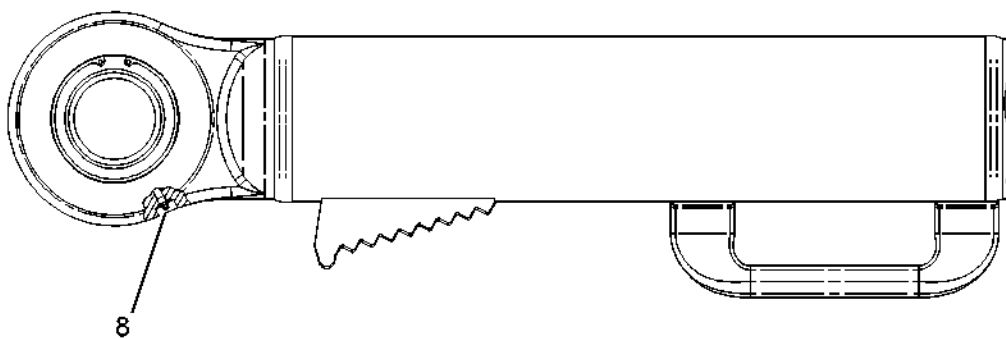
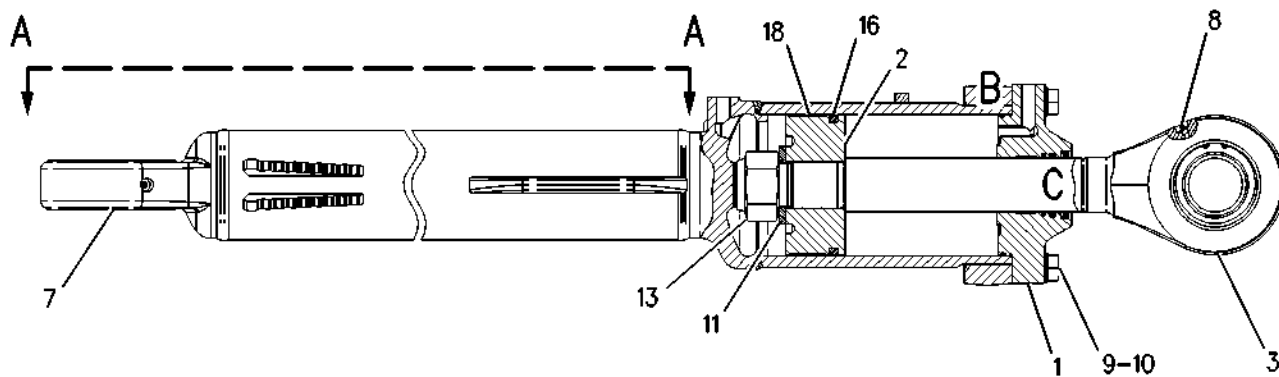
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	164-6497	1	HEAD						
	2	1	106-4568	1	PISTON						
R	3	1	112-4055	1	ROD AS						
		1	8J-8905	2	RING-LOCK						
		1	152-7554	1	BEARING-SELF-ALIGNING						
C	4	1	167-2216	1	SEAL AS-BUFFER						
C	5	1	225-3287	1	SEAL-WIPER						
C	6	1	157-7244	1	RING-BACKUP						
R	7	1	1U-1783	1	CYLINDER AS						
		1	1U-2532	2	BAR						
		1	1U-3658	1	HANDLE						
		1	3G-7961	1	LUG						
		1	8J-8905	2	RING-LOCK						
		1	152-7554	1	BEARING-SELF-ALIGNING						
	8	1	3B-8489	2	FITTING-GREASE						
	9	1	3R-2300	8	BOLT (1 1/4-7X4.5 IN)						
	10	1	4K-0684	8	WASHER-HARD (34X55X6MM THK)						
	11	1	4T-2576	1	WASHER (82.93X146X11.94MM THK)						
C	12	1	167-2331	1	SEAL-U-CUP						
	13	1	7J-9250	1	LOCKNUT (3-1/4X12THD)						
	14	1	7X-4756	1	SEAL						
	15	1	8L-9241	1	SEAL-O-RING						
	16	1	8T-1796	1	SEAL AS						
	17	1	8T-7538	1	RING-WEAR (101.6MM ID)						
	18	1	9J-1159	1	RING-WEAR (260.3MM ID)						

C-CHANGE FROM PREVIOUS TYPE
R-REMFG PART MAY BE AVAILABLE

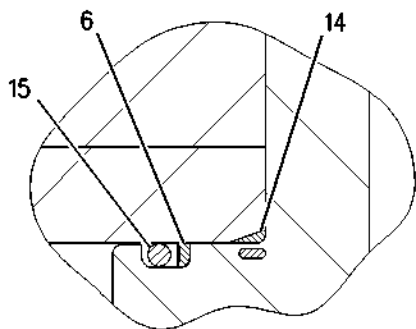
HYDRAULIC SYSTEM

1U-2711 CYLINDER GP-TILT (contd.)

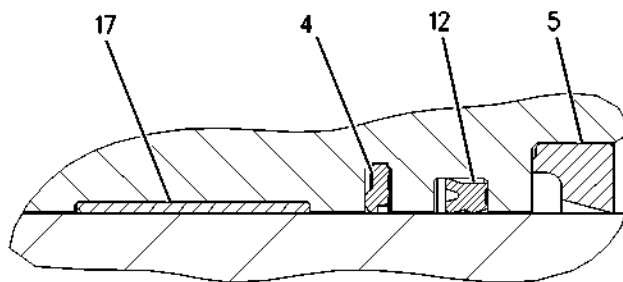
i01989504



VIEW A-A



VIEW OF AREA B



VIEW OF AREA C

GRAPHIC #1

<END>

g00736698

HYDRAULIC SYSTEM

130-3263 CYLINDER GP-RIPPER TILT-RH

S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP

196.85MM (7.75 IN.) BORE X 830MM (32.7 IN.) STROKE

PART OF 127-1031, 130-6458, 130-6462 RIPPER AR

AN ATTACHMENT

TYPE 1

SMCS-5356

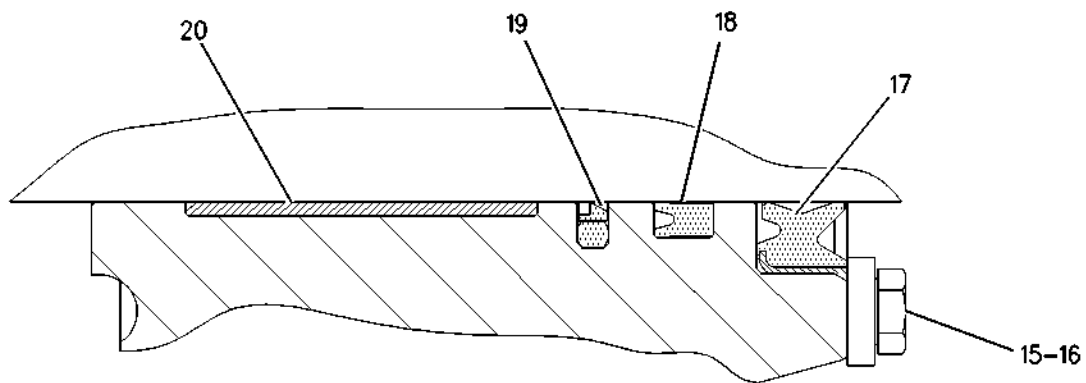
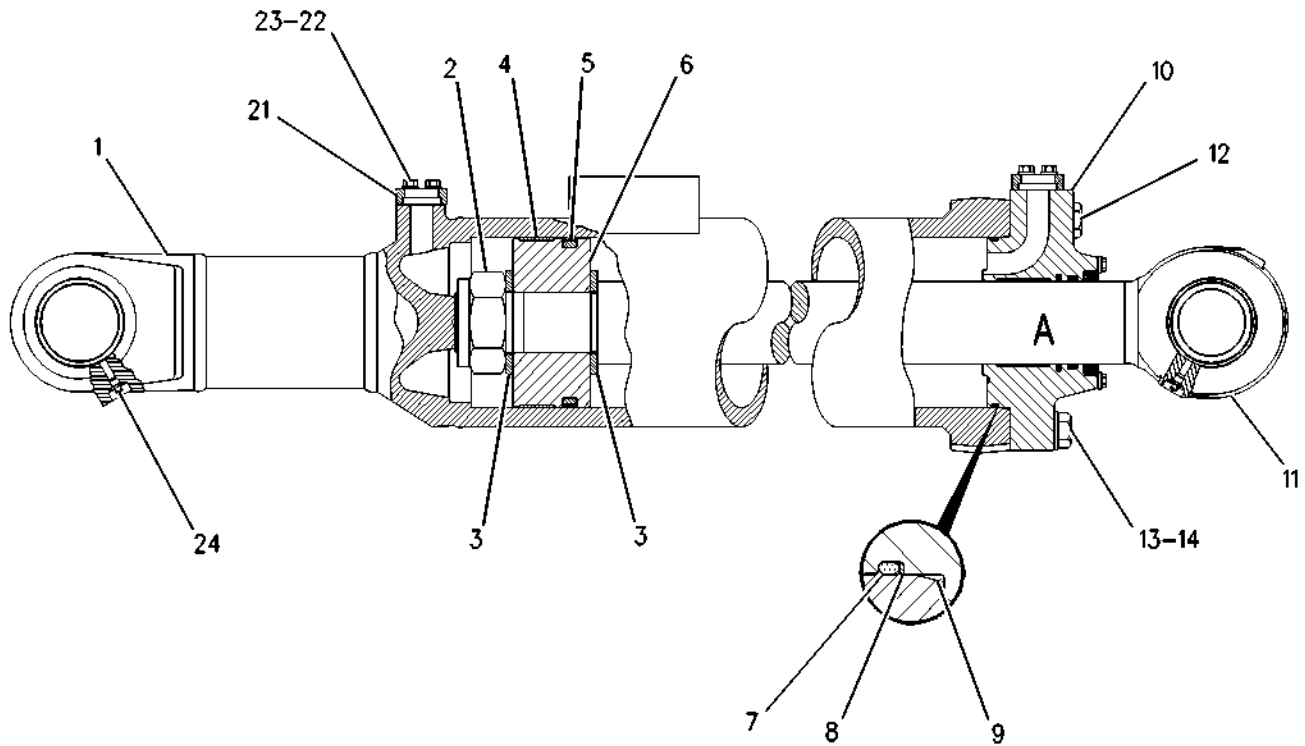
i01988901

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
R	1	1	130-3261	1	CYLINDER AS-RH	
		1	4J-4955	1	SPACER (3X100X5MM THK)	
		1	9J-1175	1	BEARING-SLEEVE	
	2	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)	
	3	1	6E-5660	2	WASHER (71X120X8MM THK)	
J	4	1	9J-5037	1	RING-WEAR	
J	5	1	8T-1792	1	SEAL AS	
	6	1	6E-5701	1	PISTON	
J	7	1	5K-1787	1	SEAL-O-RING	
J	8	1	8J-0548	1	RING-BACKUP	
J	9	1	8C-4892	1	SEAL-HEAD	
	10	1	6E-5702	1	HEAD	
R	11	1	130-3262	1	ROD AS	
		1	4J-4955	1	SPACER (3X100X5MM THK)	
		1	9J-1175	2	BEARING-SLEEVE	
	12	1	9X-8897	2	BOLT (1-8X.42 IN)	
	13	1	8H-5772	6	BOLT (1-8X3.75 IN)	
	14	1	5P-8250	8	WASHER (28X49X5MM THK)	
	15	1	2H-3755	4	BOLT (5/16-18X0.62 IN)	
	16	1	7S-6369	4	WASHER (.344X.75X.188 IN THK)	
J	17	1	8C-9135	1	SEAL-LIP TYPE	
J	18	1	5J-8375	1	SEAL-U-CUP	
J	19	1	8C-9128	1	SEAL AS	
J	20	1	8T-3330	1	RING-WEAR	
	21	1	1P-4577	4	FLANGE-HALF	
	22	1	5S-7382	8	BOLT (3/8-16X1.375 IN)	
	23	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)	
	24	1	3B-8489	2	FITTING-GREASE	
AVAILABLE REPAIR KIT(S) :						
J			132-4997	1	KIT-SEAL (RIPPER TILT CYLINDER)	
J-KIT MARKED J INCLUDES PARTS MARKED J						
R-REMFG PART MAY BE AVAILABLE						

HYDRAULIC SYSTEM

130-3263 CYLINDER GP-RIPPER TILT (contd.)

i01988901



VIEW OF AREA A

GRAPHIC #1

<END>

g00665074

HYDRAULIC SYSTEM

130-3263 CYLINDER GP-RIPPER TILT-RH

S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP

196.85MM (7.75 IN.) BORE X 830MM (32.7 IN.) STROKE

PART OF 127-1031, 130-6458, 130-6462 RIPPER AR

AN ATTACHMENT

TYPE 2

SMCS-5356

i01988902

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	130-3261	1	CYLINDER AS-RH	
	2	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)	
	3	1	6E-5660	2	WASHER (71X120X8MM THK)	
	4	1	9J-5037	1	RING-WEAR	
	5	1	8T-1792	1	SEAL AS	
	6	1	6E-5701	1	PISTON	
	7	1	5K-1787	1	SEAL-O-RING	
	8	1	8J-0548	1	RING-BACKUP	
	9	1	8C-4892	1	SEAL-HEAD	
	10	1	6E-5702	1	HEAD	
R	11	1	130-3262	1	ROD AS	
		1	4J-4955	1	SPACER (3X100X5MM THK)	
		1	9J-1175	2	BEARING-SLEEVE	
	12	1	9X-8897	2	BOLT (1-8X.42 IN)	
	13	1	8H-5772	6	BOLT (1-8X3.75 IN)	
	14	1	5P-8250	8	WASHER (28X49X5MM THK)	
	15	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)	
	16	1	3B-8489	2	FITTING-GREASE	
C	17	1	227-1149	1	SEAL-WIPER	
C	18	1	167-2328	1	SEAL-U-CUP	
C	19	1	167-2214	1	SEAL AS-BUFFER	
	20	1	8T-3330	1	RING-WEAR	
	21	1	1P-4577	4	FLANGE-HALF	
	22	1	5S-7382	8	BOLT (3/8-16X1.375 IN)	

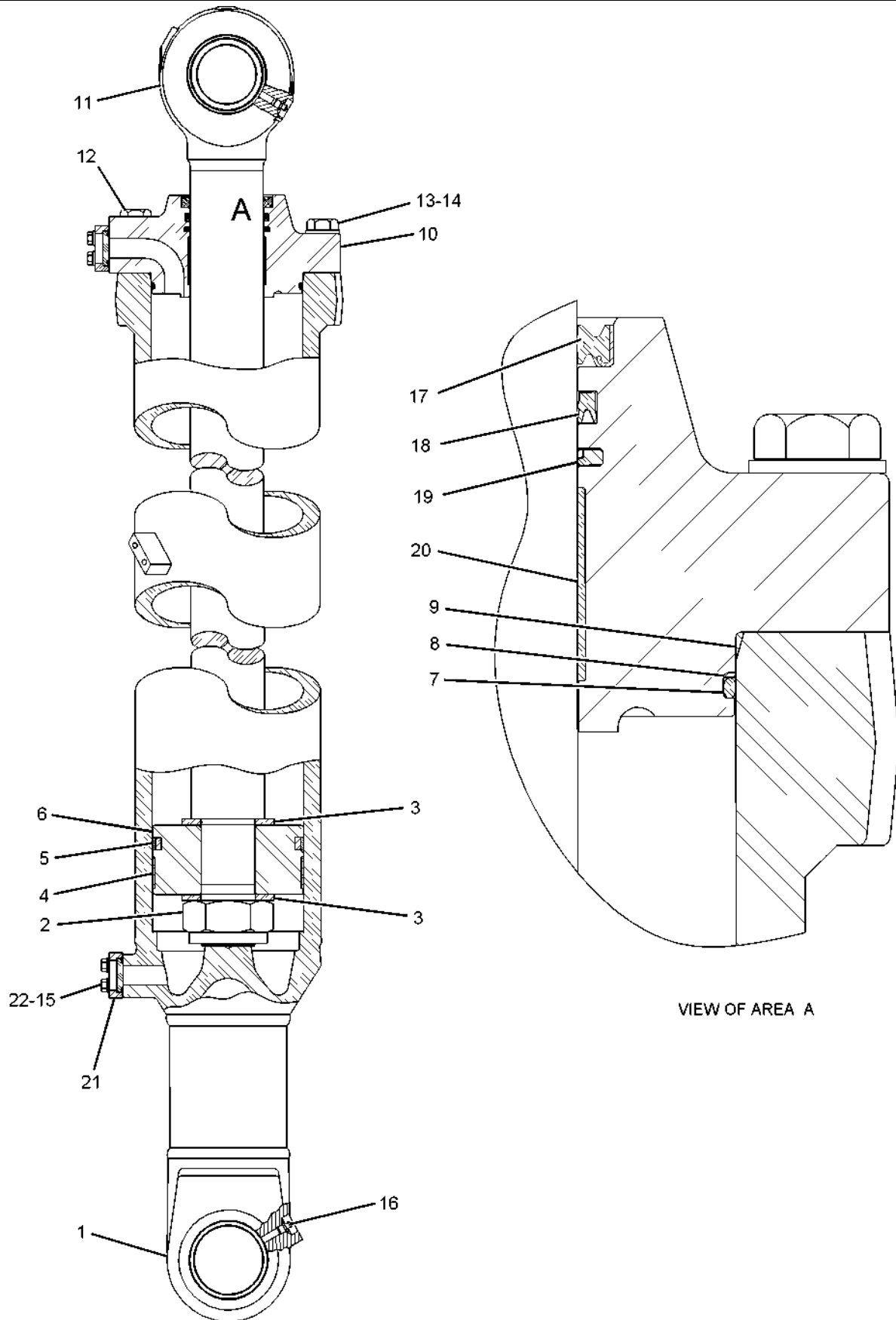
C-CHANGE FROM PREVIOUS TYPE

R-REMFG PART MAY BE AVAILABLE

HYDRAULIC SYSTEM

130-3263 CYLINDER GP-RIPPER TILT (contd.)

i01988902



GRAPHIC #1

<END>

g01025071

HYDRAULIC SYSTEM

130-6381 CYLINDER GP-RIPPER TILT-LH

S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP

196.85MM (7.75 IN.) BORE X 830MM (32.7 IN.) STROKE

PART OF 127-1031, 130-6458, 130-6462 RIPPER AR

AN ATTACHMENT

TYPE 1

SMCS-5356

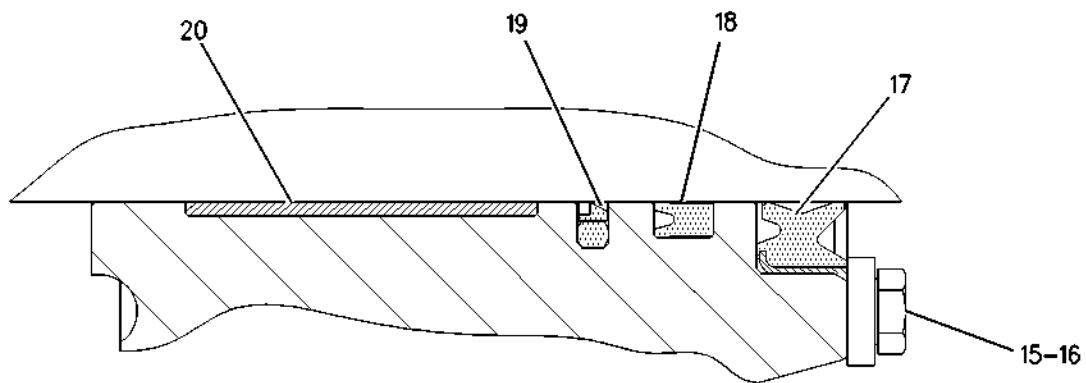
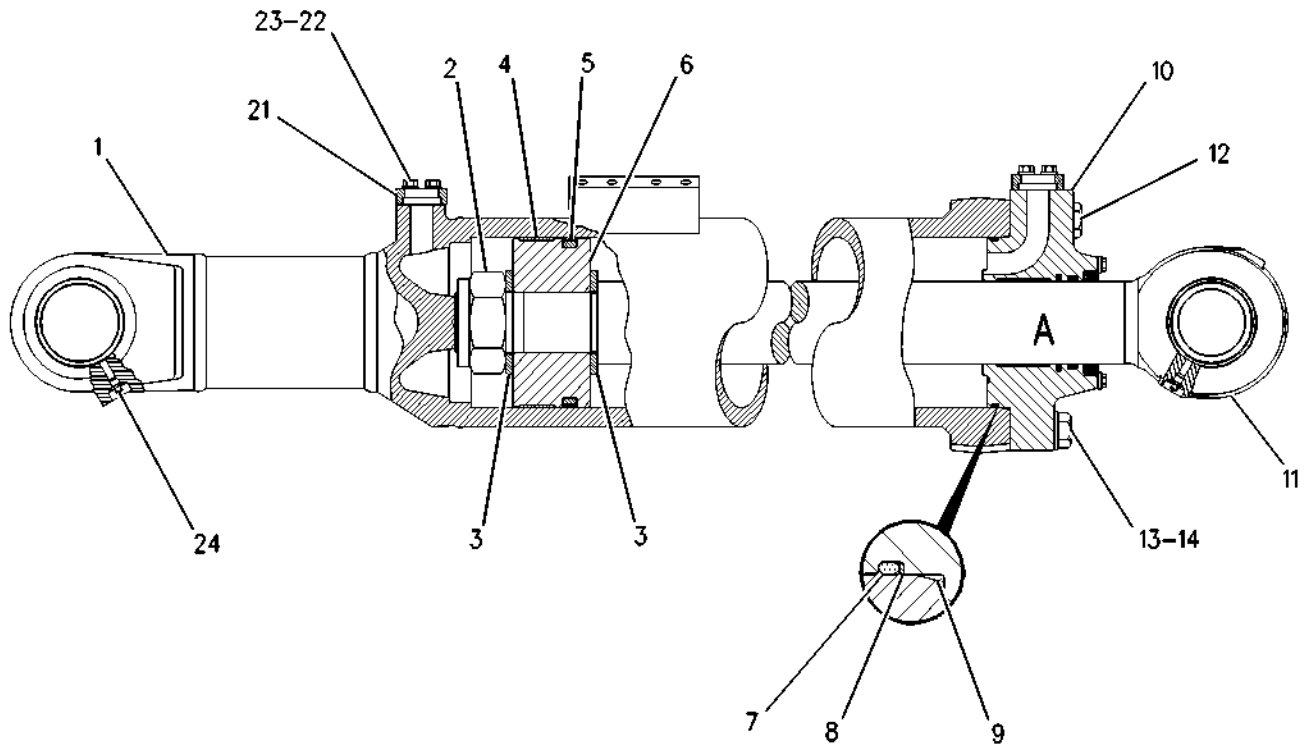
i01988903

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
R	1	1	130-6382	1	CYLINDER AS-LH	
		1	4J-4955	1	SPACER (3X100X5MM THK)	
		1	9J-1175	2	BEARING-SLEEVE	
	2	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)	
	3	1	6E-5660	2	WASHER (71X120X8MM THK)	
J	4	1	9J-5037	1	RING-WEAR	
J	5	1	8T-1792	1	SEAL AS	
	6	1	6E-5701	1	PISTON	
J	7	1	5K-1787	1	SEAL-O-RING	
J	8	1	8J-0548	1	RING-BACKUP	
J	9	1	8C-4892	1	SEAL-HEAD	
	10	1	6E-5702	1	HEAD	
R	11	1	130-3262	1	ROD AS	
		1	4J-4955	1	SPACER (3X100X5MM THK)	
		1	9J-1175	2	BEARING-SLEEVE	
	12	1	9X-8897	2	BOLT (1-8X.42 IN)	
	13	1	8H-5772	6	BOLT (1-8X3.75 IN)	
	14	1	5P-8250	8	WASHER (28X49X5MM THK)	
	15	1	2H-3755	4	BOLT (5/16-18X0.62 IN)	
	16	1	7S-6369	4	WASHER (.344X.75X.188 IN THK)	
J	17	1	8C-9135	1	SEAL-LIP TYPE	
J	18	1	5J-8375	1	SEAL-U-CUP	
J	19	1	8C-9128	1	SEAL AS	
J	20	1	8T-3330	1	RING-WEAR	
	21	1	1P-4577	4	FLANGE-HALF	
	22	1	5S-7382	8	BOLT (3/8-16X1.375 IN)	
	23	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)	
	24	1	3B-8489	2	FITTING-GREASE	
AVAILABLE REPAIR KIT(S):						
J			132-4997	1	KIT-SEAL (RIPPER TILT CYLINDER)	
J-KIT MARKED J INCLUDES PARTS MARKED J						
R-REMFG PART MAY BE AVAILABLE						

HYDRAULIC SYSTEM

130-6381 CYLINDER GP-RIPPER TILT (contd.)

i01988903



VIEW OF AREA A

GRAPHIC #1

<END>

g00665069

HYDRAULIC SYSTEM

130-6381 CYLINDER GP-RIPPER TILT-LH

S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP

196.85MM (7.75 IN.) BORE X 830MM (32.7 IN.) STROKE

PART OF 127-1031, 130-6458, 130-6462 RIPPER AR

AN ATTACHMENT

TYPE 2

SMCS-5356

i01988904

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	130-6382	1	CYLINDER AS-LH	
	2	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)	
	3	1	6E-5660	2	WASHER (71X120X8MM THK)	
	4	1	9J-5037	1	RING-WEAR	
	5	1	8T-1792	1	SEAL AS	
	6	1	6E-5701	1	PISTON	
	7	1	5K-1787	1	SEAL-O-RING	
	8	1	8J-0548	1	RING-BACKUP	
	9	1	8C-4892	1	SEAL-HEAD	
	10	1	6E-5702	1	HEAD	
R	11	1	130-3262	1	ROD AS	
		1	4J-4955	1	SPACER (3X100X5MM THK)	
		1	9J-1175	2	BEARING-SLEEVE	
	12	1	9X-8897	2	BOLT (1-8X.42 IN)	
	13	1	8H-5772	6	BOLT (1-8X3.75 IN)	
	14	1	5P-8250	8	WASHER (28X49X5MM THK)	
	15	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)	
	16	1	3B-8489	2	FITTING-GREASE	
C	17	1	227-1149	1	SEAL-WIPER	
	18	1	167-2328	1	SEAL-U-CUP	
	19	1	167-2214	1	SEAL AS-BUFFER	
	20	1	8T-3330	1	RING-WEAR	
	21	1	1P-4577	4	FLANGE-HALF	
	22	1	5S-7382	8	BOLT (3/8-16X1.375 IN)	

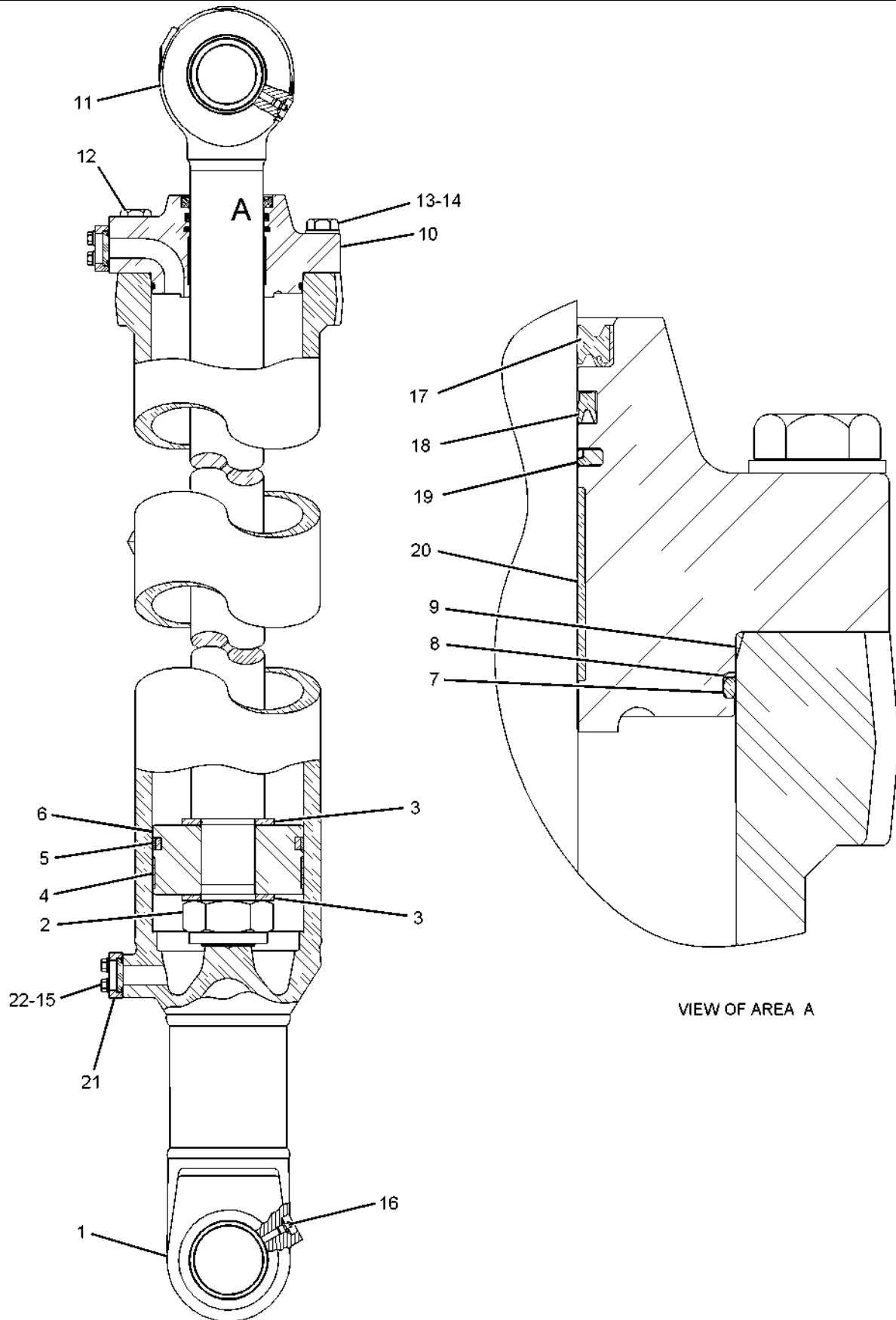
C-CHANGE FROM PREVIOUS TYPE

R-REMFG PART MAY BE AVAILABLE

HYDRAULIC SYSTEM

130-6381 CYLINDER GP-RIPPER TILT (contd.)

i01988904



GRAPHIC #1

<END>

g01025143

HYDRAULIC SYSTEM

161-7562 CYLINDER GP-RIPPER TILT-RH

S/N: 7ZP1-UP

220MM (8.7 IN.) BORE X 1298MM (51.1 IN.) STROKE. LEACH PAD

PART OF 161-2420 RIPPER AR

AN ATTACHMENT

SMCS-5356

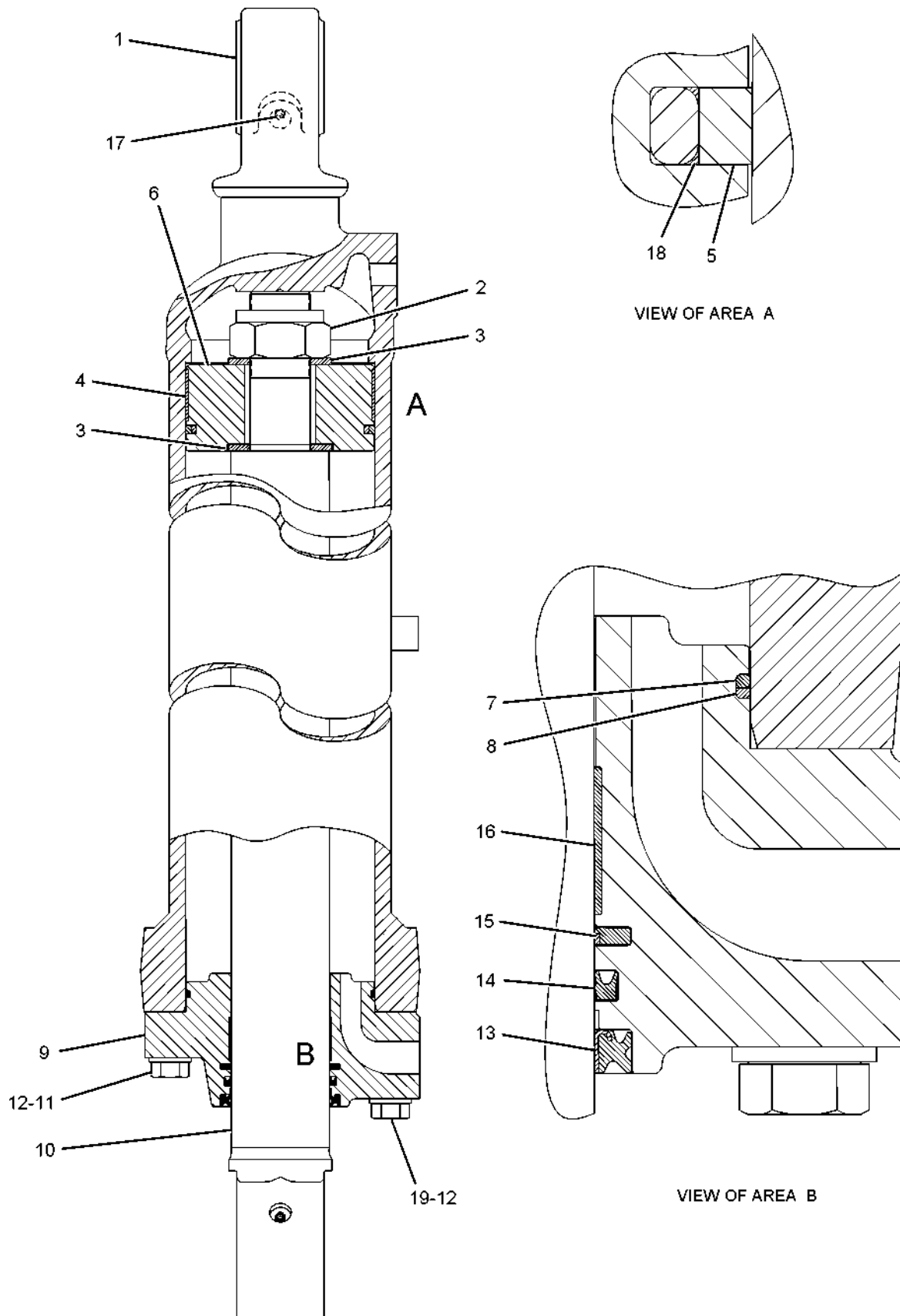
i01989521

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	161-7568	1	CYLINDER AS						
		1	4Z-6094	1	BLOCK						
		1	4J-4955	1	SPACER (3X100X5MM THK)						
		1	9J-1175	2	BEARING-SLEEVE						
	2	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)						
	3	1	6E-5660	2	WASHER (71X120X8MM THK)						
	4	1	6E-0496	1	RING-WEAR						
	5	1	192-1425	1	SEAL AS						
	6	1	161-7567	1	PISTON						
	7	1	9M-5894	1	SEAL-O-RING						
	8	1	108-0122	1	RING-BACKUP						
	9	1	161-7564	1	HEAD						
	10	1	161-7565	1	ROD AS						
		1	4J-4955	1	SPACER (3X100X5MM THK)						
		1	9J-1175	2	BEARING-SLEEVE						
	11	1	8H-5772	7	BOLT (1-8X3.75 IN)						
	12	1	5P-8250	9	WASHER (28X49X5MM THK)						
	13	1	225-3289	1	SEAL-WIPER						
	14	1	167-2336	1	SEAL-U-CUP						
	15	1	167-2220	1	SEAL AS-BUFFER						
	16	1	9X-3579	1	RING-WEAR						
	17	1	3B-8489	2	FITTING-GREASE						
	18	1	192-2048	2	RING-BACKUP						
	19	1	1D-4643	2	BOLT (1-8X5.50 IN)						
R-REMFG PART MAY BE AVAILABLE											

HYDRAULIC SYSTEM

161-7562 CYLINDER GP-RIPPER TILT (contd.)

i01989521



GRAPHIC #1

<END>

g01028078

HYDRAULIC SYSTEM

161-7563 CYLINDER GP-RIPPER TILT-LH

S/N: 7ZP1-UP

220MM (8.7 IN) BORE X 1298MM (51.1 IN.) STROKE. LEACH PAD

PART OF 161-2420 RIPPER AR

AN ATTACHMENT

SMCS-5356

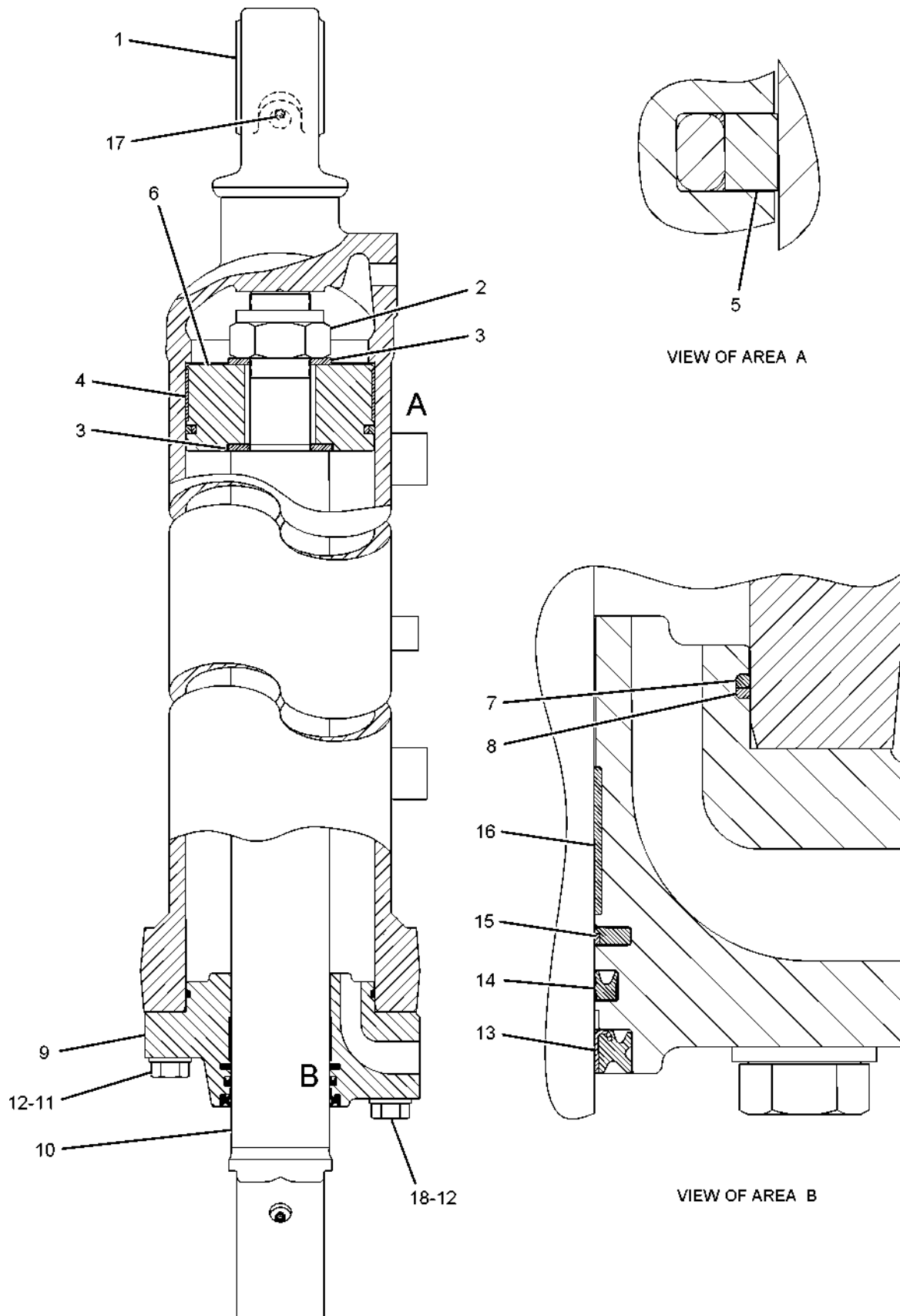
i01989520

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	161-7569	1	CYLINDER AS (LH)						
		1	4J-4955	1	SPACER (3X100X5MM THK)						
		1	9J-1175	2	BEARING-SLEEVE						
		1	9V-8427	2	BAR						
		1	4Z-6094	1	BLOCK						
	2	1	4J-6888	1	LOCKNUT (2 3/4-12 THD)						
	3	1	6E-5660	2	WASHER (71X120X8MM THK)						
	4	1	6E-0496	1	RING-WEAR						
	5	1	192-1425	1	SEAL AS						
	6	1	161-7567	1	PISTON						
	7	1	9M-5894	1	SEAL-O-RING						
	8	1	108-0122	1	RING-BACKUP						
	9	1	161-7564	1	HEAD						
	10	1	161-7565	1	ROD AS						
		1	4J-4955	1	SPACER (3X100X5MM THK)						
		1	9J-1175	2	BEARING-SLEEVE						
	11	1	8H-5772	7	BOLT (1-8X3.75 IN)						
	12	1	5P-8250	9	WASHER (28X49X5MM THK)						
	13	1	225-3289	1	SEAL-WIPER						
	14	1	167-2336	1	SEAL-U-CUP						
	15	1	167-2220	1	SEAL AS-BUFFER						
	16	1	9X-3579	1	RING-WEAR						
	17	1	3B-8489	2	FITTING-GREASE						
	18	1	1D-4643	2	BOLT (1-8X5.50 IN)						
R-REMFG PART MAY BE AVAILABLE											

HYDRAULIC SYSTEM

161-7563 CYLINDER GP-RIPPER TILT (contd.)

i01989520



GRAPHIC #1

<END>

g01028037

HYDRAULIC SYSTEM

133-1281 FILTER GP-OIL-TRANSMISSION

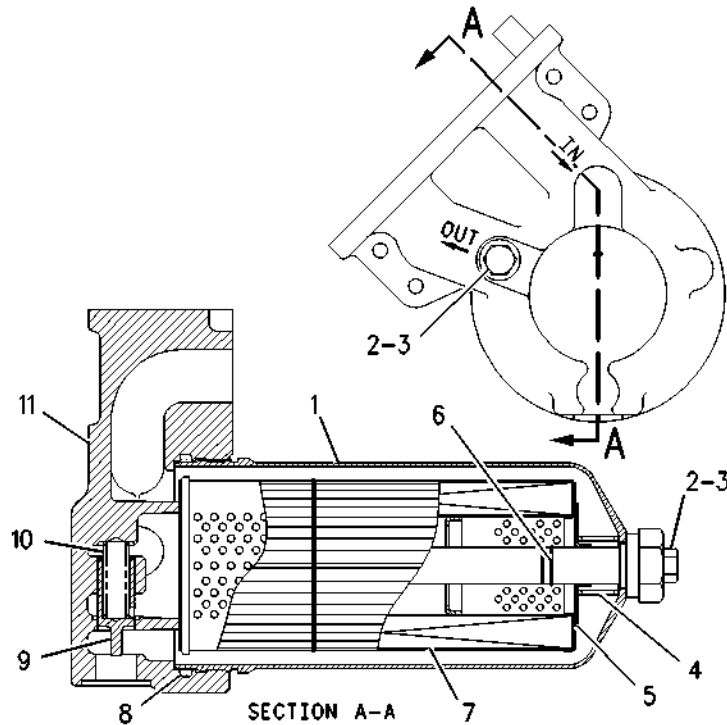
S/N: 7PZ1-UP

PART OF 173-1553 LINES GP-PUMP

SMCS-5068

i01707383

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	133-1278	1	HOUSING AS-OIL FILTER						
	2	1	9S-4191	2	PLUG						
	3	1	3J-1907	2	SEAL-O-RING						
	4	1	3S-8652	1	SPRING						
	5	1	133-1288	1	RETAINER						
	6	1	8M-6393	1	RING-RETAINING						
	7	1	132-8875	1	FILTER ELEMENT AS-OIL (FAN RETURN)						
	8	1	2S-8439	1	SEAL-O-RING						
	9	1	6T-9222	1	SPOOL						
	10	1	133-2199	1	SPRING						
	11	1	139-7590	1	BASE-TMSN OIL FILTER						



GRAPHIC #1

<END>

g00280711

HYDRAULIC SYSTEM

155-6061 FILTER GP-OIL-PILOT SUPPLY

S/N: 7PZ1-UP

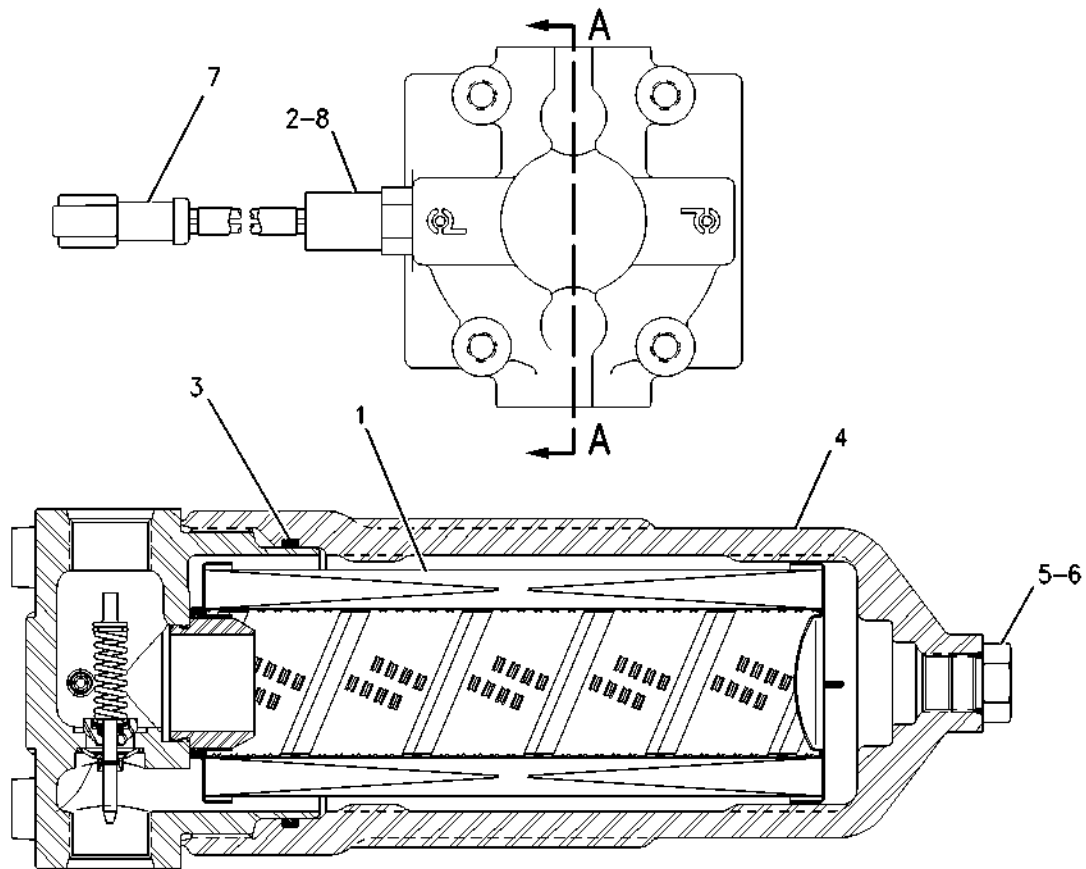
PART OF 173-1553 LINES GP-PUMP

SMCS-5068

i01781644

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	134-0964	1	FILTER ELEMENT-HYDRAULIC (BRAKE ACTUATION OIL)						
	2	1	3J-1907	1	SEAL-O-RING						
	3	1	6R-0365	1	SEAL-O-RING						
	4	1	136-7032	1	HOUSING-HYDRAULIC OIL FILTER						
	5	1	3K-0360	1	SEAL-O-RING						
	6	1	9S-4185	1	PLUG						
	7	1	156-1382	1	SWITCH AS (DIFFERENTIAL PRESSURE)						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
		1	8T-8729	2	PIN-CONNECTOR						
E		1	9X-1813		SLEEVE (14CM)						
	8	1	5F-9144	1	SEAL-O-RING						

E-ORDER BY THE CENTIMETER



SECTION A-A

GRAPHIC #1

<END>

g00865259

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN

S/N: 7PZ1-499

PART OF 155-5552 CHASSIS AR

SMCS-1386, 1387, 5057

i01988910

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	1W-2860	1	BRACKET	
	2	1	3T-2023	1	MANIFOLD	
I	3	1	3T-6847	1	HOSE AS	
	4	2	3W-2647	1	SPACER (13.5X30X10MM THK)	
	5	1	5G-6504	1	LUG	
	6	1	5P-8502	1	PADLOCK GP (HYDRAULIC FAN LINES)	
		1	5P-8500	1	KEY	
		1	8Y-6364	1	SLEEVE	
	7	3	6G-3432	1	ADAPTER (HEX)	
	8	2	6T-4676	1	BRACKET	
	9	1	6T-6079	3	WASHER (20X100X12MM THK)	
	10	1	6T-6080	6	MOUNTING	
	11	3	6V-0852	1	CAP-DUST	
	12	3	6V-1625	2	TEE-O-RING	
	13	3	6V-3965	2	FITTING (QUICK DISCONNECT)	
	14	2	7G-1578	2	GROMMET	
	15	1	7N-1277	2	BRACKET AS	
					(EACH INCLUDES)	
		1	1F-0750	1	NUT-WELD (3/8-16THD)	
	16	2	7W-5425	1	TUBE AS	
	17	2	8C-3446	1	VALVE AS-FLUID SAMPLING	
	18	2, 3	8C-3451	2	CAP-DUST	
	19	2	8C-6712	1	ELBOW	
	20	2	9W-0875	1	PLATE AS	
		2	1F-0748	1	NUT-WELD (1/2-13 THD)	
I	21	1	9W-6372	1	HOSE AS	
	22	2	9W-7892	1	SUPPORT AS	
		2	1F-0750	1	NUT-WELD (3/8-16THD)	
		2	6J-0499	1	LUG (1/2-13 THD)	
	23	2	9W-7893	1	SUPPORT AS	
		2	7J-7778	1	LUG (1/2-13 THD)	
	24	2	9W-7894	1	TUBE AS	
Y	25	1	105-2470	1	VALVE GP-MAKEUP	878
I	26	1	107-0040	1	HOSE AS	
	27	3	107-0586	1	ELBOW	
	28	2	108-4721	1	SPACER	
I	29	1	133-1854	1	HOSE AS	
I	30	3	133-1856	1	HOSE AS	
I	31	1	133-1857	1	HOSE AS	
I	32	1	133-3869	1	HOSE AS	
	33	3	133-4283	1	SPACER	
I	34	1	133-8133	1	HOSE AS	
Y	35	1	136-9411	1	VALVE & MTG GP-HYDRAULIC FAN	859
I	36	3	138-6793	1	HOSE AS	
I	37	3	138-6794	1	HOSE AS	
	38	3	138-9751	1	PLATE	
I	39	1	140-7732	1	HOSE AS	
	40	3	148-8313	2	ADAPTER GP	
					(EACH INCLUDES)	
		3	3K-0360	1	SEAL-O-RING	
		3	5P-6944	1	ADAPTER	
	41	3	148-8317	2	CONNECTOR GP	
					(EACH INCLUDES)	
		3	3D-2824	1	SEAL-O-RING	
		3	5K-9090	1	SEAL-O-RING	
		3	6V-8714	2	CONNECTOR	

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

i01988910

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	42	3	148-8319	2	CONNECTOR GP	
					(EACH INCLUDES)	
		3	2M-9780	1	SEAL-O-RING	
		3	6V-8397	1	SEAL-O-RING	
		3	6V-8715	2	CONNECTOR	
43	3	148-8336	1	CONNECTOR AS		
	3	3J-1907	1	SEAL-O-RING		
	3	6V-8397	1	SEAL-O-RING		
	3	6V-8636	1	CONNECTOR		
44	1	148-8354	1	ELBOW GP		
	1	3K-0360	1	SEAL-O-RING		
	1	6V-8398	1	SEAL-O-RING		
	1	6V-9002	1	ELBOW		
45	3	148-8372	1	ELBOW GP		
	3	2M-9780	1	SEAL-O-RING		
	3	6V-8397	1	SEAL-O-RING		
	3	6V-8721	1	ELBOW		
46	1,3	148-8378	3	ELBOW AS		
					(EACH INCLUDES)	
	1,3	3J-1907	1	SEAL-O-RING		
	1,3	6V-8397	1	SEAL-O-RING		
	1,3	6V-8724	1	ELBOW		
47	2	148-8428	1	TEE GP		
	2	3K-0360	1	SEAL-O-RING		
	2	6V-8398	1	SEAL-O-RING		
	2	6V-8782	1	TEE-FACE SEAL		
48	1	148-8433	1	TEE GP		
	1	6V-8397	1	SEAL-O-RING		
	1	6V-9836	1	TEE-SWIVEL		
49	3	148-8444	1	TEE GP		
	3	6V-8398	1	SEAL-O-RING		
	3	6V-9837	1	TEE-SWIVEL		
50	3	153-6245	1	ELBOW GP		
	3	2M-9780	1	SEAL-O-RING		
	3	6V-8398	1	SEAL-O-RING		
	3	136-6811	1	ELBOW		
51	1	153-6255	1	ELBOW GP		
	1	2M-9780	1	SEAL-O-RING		
	1	6V-8397	1	SEAL-O-RING		
	1	8C-3324	1	ELBOW		
I	52	1	154-7150	1	HOSE AS	
	53	1	158-8902	1	BRACKET AS	
	54	3	164-5572	1	UNION AS	
		3	6V-8398	2	SEAL-O-RING	
		3	6V-8731	1	UNION-FACE SEAL	
	55	3	171-7088	1	TUBE AS	
I	56	1	172-5276	1	HOSE AS	
	57	3	172-6047	2	TUBE AS	
	58	1	148-8358	1	ELBOW AS	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8624	1	ELBOW	
59	3	1P-3703	2	SEAL-RECTANGULAR		
60	2	1P-3704	2	SEAL-RECTANGULAR		
61	3	1P-4577	2	FLANGE-HALF		
62	1,2	1P-4578	4	FLANGE-HALF		
63	1,2,3	1P-4579	6	FLANGE-HALF		
64	1,3	1P-4582	6	FLANGE-HALF		
65	2	1P-5761	4	FLANGE-HALF		

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

i01988910

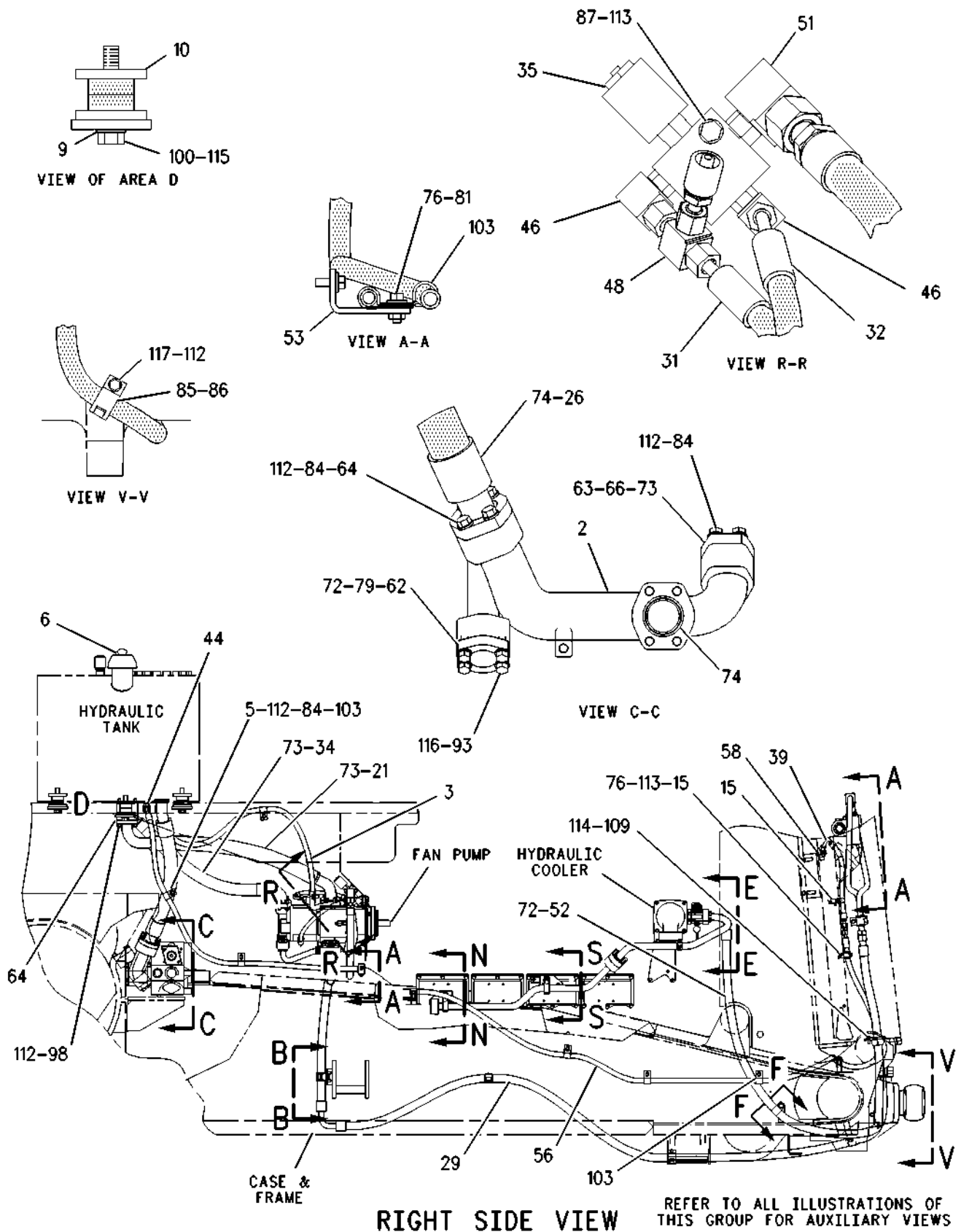
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	66	1	2J-2668	1	COVER	
	67	2	2M-9780	6	SEAL-O-RING	
	68	2,3	3J-1907	12	SEAL-O-RING	
	69	2,3	3J-7354	2	SEAL-O-RING	
	70	2	4D-7388	1	CLIP	
	71	3	4J-0520	3	SEAL-O-RING	
	72	1,2	4J-0522	4	SEAL-O-RING	
	73	1	4J-0524	3	SEAL-O-RING	
	74	1,2	4J-0527	6	SEAL-O-RING	
	75	3	4J-5573	2	SEAL-O-RING	
	76	1,2,3	4L-6454	11	BOLT (3/8-16X1 IN)	
	77	3	4L-9337	4	BOLT (3/8-16X1.5 IN)	
	78	2	5C-6565	2	BOLT (1/2-13X1.125 IN)	
	79	1	5H-4020	1	COVER	
	80	3	5K-9090	2	SEAL-O-RING	
	81	3	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)	
	82	2	5P-1404	1	ADAPTER-O-RING	
	83	2	5P-2228	10	BOLT (1/2-13X1 IN)	
	84	1,2	5P-2566	15	BOLT (1/2-13X1.5 IN)	
	85	1,2,3	5P-7464	7	CLIP (SLOT)	
	86	1,2,3	5P-7465	7	CLIP (TAB)	
	87	1	5S-7383	2	BOLT (3/8-16X1.75 IN)	
	88	3	6D-4636	1	CLIP	
	89	3	6V-7359	2	GROMMET	
	90	2	6V-8188	1	NUT (1/2-13 THD)	
	91	2	6V-8260	1	SEAL-O-RING	
	92	3	6V-9746	2	SEAL-O-RING	
	93	1	7X-0308	4	BOLT (7/16-14X1.375 IN)	
	94	2	7X-0310	4	BOLT (7/16-14X2 IN)	
	95	2	7X-0316	4	BOLT (7/16-14X3.5 IN)	
	96	2	7X-0318	4	BOLT (7/16-14X4 IN)	
	97	2	7X-0332	5	BOLT (1/2-13X4.5 IN)	
	98	1	7X-0334	4	BOLT (1/2-13X5 IN)	
	99	3	7X-0340	8	BOLT (1/2-13X6.5 IN)	
	100	1	7X-0372	3	BOLT (3/4X10X4.25 IN)	
	101	2	7X-0507	8	WASHER-HARD (12X22.5X5MM THK)	
	102	2,3	8C-4436	8	BOLT (1/2-13X1.375 IN)	
	103	1,2	8J-8197	10	CLIP	
	104	3	8L-3837	4	BOLT-SOCKET HEAD	
	105	2	8S-0023	2	CLIP (SLOT)	
	106	2	8S-0024	2	CLIP (TAB)	
	107	3	8T-2353	1	ADAPTER	
	108	3	8T-2501	9	BOLT (3/8-16X2 IN)	
	109	1,2	8T-2502	1	BOLT (3/8-16X1.125 IN)	
	110	2	8T-2602	1	CLIP (TAB)	
	111	2	8T-2603	1	CLIP (SLOT)	
	112	1,2,3	8T-4223	57	WASHER-HARD (13.5X25.5X3MM THK)	
	113	1,2,3	8T-4896	23	WASHER-HARD (10.2X18.5X2.5MM THK)	
	114	1,2	8T-4897	2	WASHER (10.2X35X6MM THK)	
	115	1	8T-4994	3	WASHER-HARD (20X36.5X3.5MM THK)	
	116	1,2	8T-5360	8	WASHER (12X22.5X2.5MM THK)	
	117	1,2	8T-8917	4	BOLT (1/2-13X1.25 IN)	
	118	3	1S-0994	1	CLIP	

I-REFER TO HYDRAULIC INFORMATION SYSTEM
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

i01988910



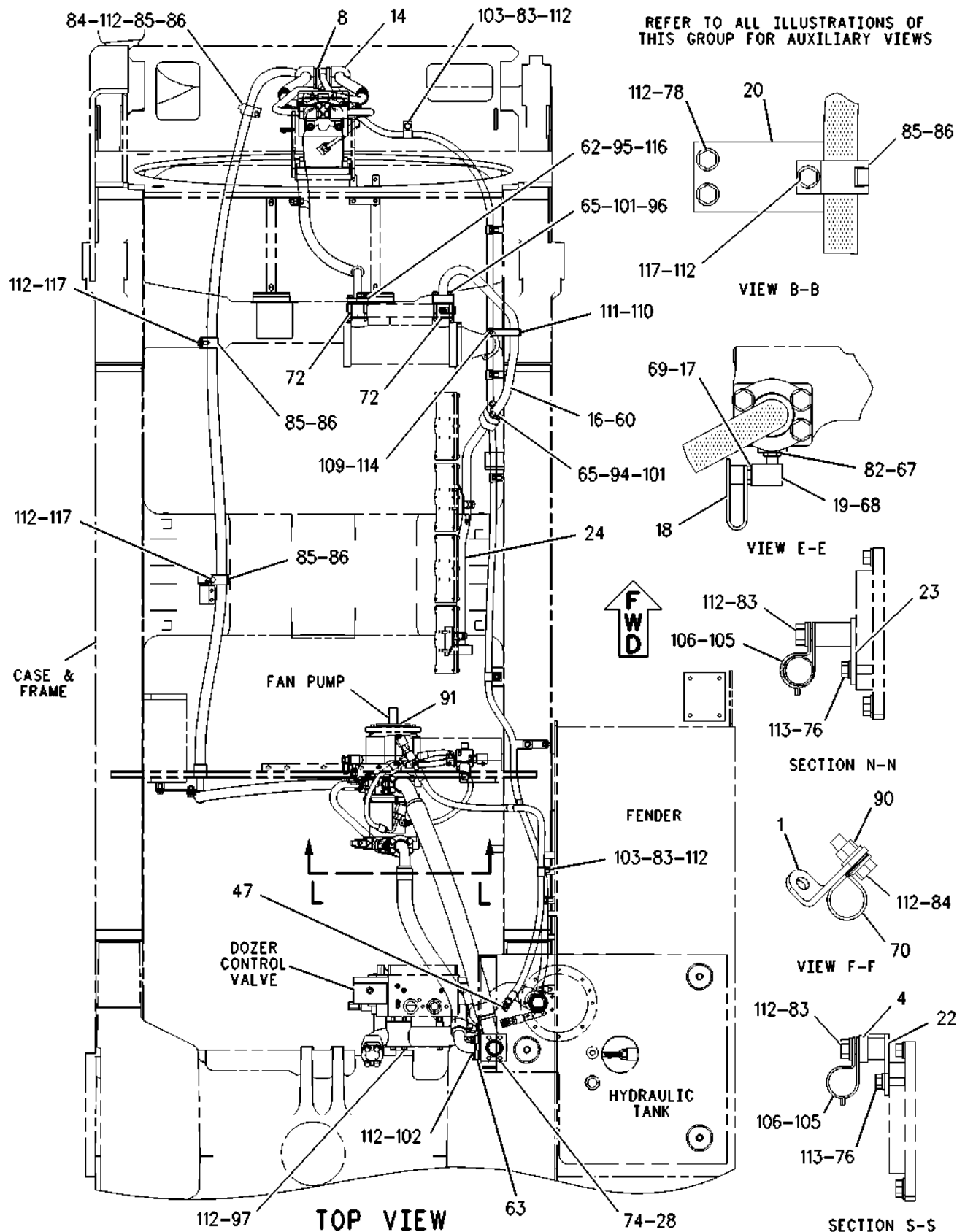
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g00692567

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

i01988910



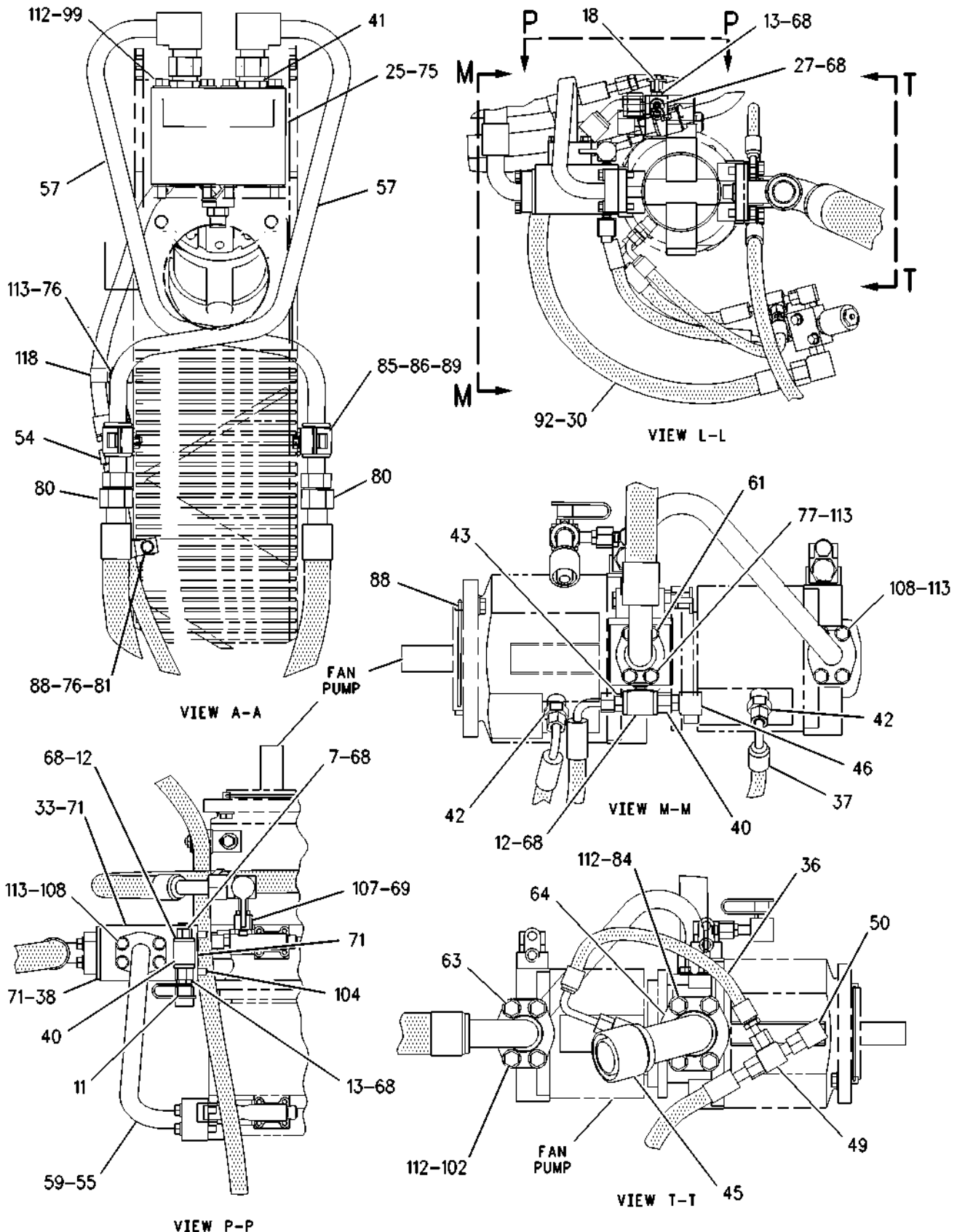
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HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

i01988910



GRAPHIC #3

<END>

g00692568

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN

S/N: 7PZ500-598

PART OF 155-5552 CHASSIS AR

SMCS-1386, 1387, 5057

i01988908

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	1W-2860	1	BRACKET	
	2	1	3T-2023	1	MANIFOLD	
I	3	1	3T-6847	1	HOSE AS	
	4	2	3W-2647	1	SPACER (13.5X30X10MM THK)	
	5	1	5G-6504	1	LUG	
	6	1	5P-8502	1	PADLOCK GP (HYDRAULIC FAN LINES)	
		1	5P-8500	1	KEY	
		1	8Y-6364	1	SLEEVE	
	7	3	6G-3432	1	ADAPTER (HEX)	
	8	2	6T-4676	1	BRACKET	
	9	1	6T-6079	3	WASHER (20X100X12MM THK)	
	10	1	6T-6080	6	MOUNTING	
	11	3	6V-0852	1	CAP-DUST	
	12	3	6V-1625	2	TEE-O-RING	
	13	3	6V-3965	2	FITTING (QUICK DISCONNECT)	
	14	2	7G-1578	2	GROMMET	
	15	1	7N-1277	2	BRACKET AS	
	16	2	7W-5425	1	TUBE AS	
	17	2	8C-3446	1	VALVE AS-FLUID SAMPLING	
	18	2,3	8C-3451	2	CAP-DUST	
	19	2	8C-6712	1	ELBOW	
	20	2	9W-0875	1	PLATE AS	
I	21	1	9W-6372	1	HOSE AS	
	22	2	9W-7892	1	SUPPORT AS	
		2	6J-0499	1	LUG (1/2-13 THD)	
	23	2	9W-7893	1	SUPPORT AS	
		2	7J-7778	1	LUG (1/2-13 THD)	
	24	2	9W-7894	1	TUBE AS	
Y	25	3	105-2470	1	VALVE GP-MAKEUP	878
I	26	1	107-0040	1	HOSE AS	
	27	3	107-0586	1	ELBOW	
	28	2	108-4721	1	SPACER	
I	29	1	133-1854	1	HOSE AS	
I	30	3	133-1856	1	HOSE AS	
I	31	1	133-1857	1	HOSE AS	
I	32	1	133-3869	1	HOSE AS	
	33	3	133-4283	1	SPACER	
I	34	1	133-8133	1	HOSE AS	
CY	35	1	189-8628	1	VALVE & MTG GP-HYDRAULIC FAN	860
I	36	3	138-6793	1	HOSE AS	
I	37	3	138-6794	1	HOSE AS	
	38	3	138-9751	1	PLATE	
I	39	1	140-7732	1	HOSE AS	
	40	3	148-8313	2	ADAPTER GP	
					(EACH INCLUDES)	
		3	3K-0360	1	SEAL-O-RING	
		3	5P-6944	1	ADAPTER	
	41	3	148-8317	2	CONNECTOR GP	
					(EACH INCLUDES)	
		3	3D-2824	1	SEAL-O-RING	
		3	5K-9090	1	SEAL-O-RING	
		3	6V-8714	2	CONNECTOR	
	42	3	148-8319	2	CONNECTOR GP	
					(EACH INCLUDES)	
		3	2M-9780	1	SEAL-O-RING	
		3	6V-8397	1	SEAL-O-RING	

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		3	6V-8715	2	CONNECTOR	
	43	3	148-8336	1	CONNECTOR AS	
		3	3J-1907	1	SEAL-O-RING	
		3	6V-8397	1	SEAL-O-RING	
		3	6V-8636	1	CONNECTOR	
	44	1	148-8354	1	ELBOW GP	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-9002	1	ELBOW	
	45	3	148-8372	1	ELBOW GP	
		3	2M-9780	1	SEAL-O-RING	
		3	6V-8397	1	SEAL-O-RING	
		3	6V-8721	1	ELBOW	
	46	1,3	148-8378	3	ELBOW AS	
					(EACH INCLUDES)	
		1,3	3J-1907	1	SEAL-O-RING	
		1,3	6V-8397	1	SEAL-O-RING	
		1,3	6V-8724	1	ELBOW	
	47	2	148-8428	1	TEE GP	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8782	1	TEE-FACE SEAL	
	48	1	148-8433	1	TEE GP	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9836	1	TEE-SWIVEL	
	49	3	148-8444	1	TEE GP	
		3	6V-8398	1	SEAL-O-RING	
		3	6V-9837	1	TEE-SWIVEL	
	50	3	153-6245	1	ELBOW GP	
		3	2M-9780	1	SEAL-O-RING	
		3	6V-8398	1	SEAL-O-RING	
		3	136-6811	1	ELBOW	
	51	1	153-6255	1	ELBOW GP	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	8C-3324	1	ELBOW	
I	52	1	154-7150	1	HOSE AS	
	53	1	158-8902	1	BRACKET AS	
	54	3	164-5572	1	UNION AS	
		3	6V-8398	2	SEAL-O-RING	
		3	6V-8731	1	UNION-FACE SEAL	
	55	3	171-7088	1	TUBE AS	
I	56	1	172-5276	1	HOSE AS	
	57	3	172-6047	2	TUBE AS	
	58	1	148-8358	1	ELBOW AS	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8624	1	ELBOW	
	59	3	1P-3703	2	SEAL-RECTANGULAR	
	60	2	1P-3704	2	SEAL-RECTANGULAR	
	61	3	1P-4577	2	FLANGE-HALF	
	62	1,2	1P-4578	4	FLANGE-HALF	
	63	1,2,3	1P-4579	6	FLANGE-HALF	
	64	1,3	1P-4582	6	FLANGE-HALF	
	65	2	1P-5761	4	FLANGE-HALF	
	66	1	2J-2668	1	COVER	
	67	2	2M-9780	1	SEAL-O-RING	
	68	2,3	3J-1907	7	SEAL-O-RING	
	69	2,3	3J-7354	2	SEAL-O-RING	

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

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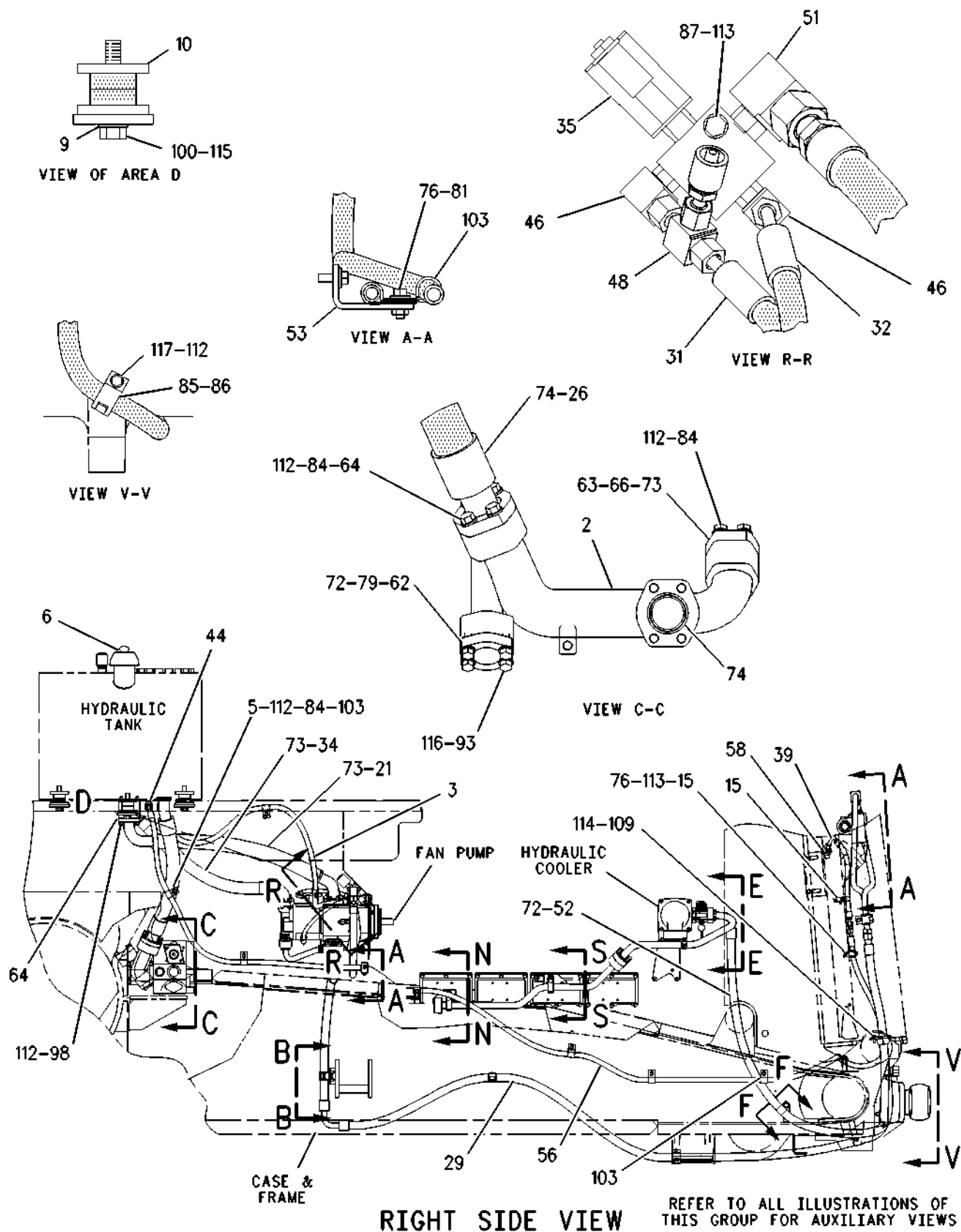
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	70	2	4D-7388	1	CLIP	
	71	3	4J-0520	3	SEAL-O-RING	
	72	1,2	4J-0522	4	SEAL-O-RING	
	73	1	4J-0524	3	SEAL-O-RING	
	74	1,2	4J-0527	6	SEAL-O-RING	
	75	3	4J-5573	2	SEAL-O-RING	
	76	1,2,3	4L-6454	11	BOLT (3/8-16X1 IN)	
	77	3	4L-9337	4	BOLT (3/8-16X1.5 IN)	
	78	2	5C-6565	2	BOLT (1/2-13X1.125 IN)	
	79	1	5H-4020	1	COVER	
	80	3	5K-9090	2	SEAL-O-RING	
	81	1,3	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)	
	82	2	5P-1404	1	ADAPTER-O-RING	
	83	2	5P-2228	10	BOLT (1/2-13X1 IN)	
	84	1,2,3	5P-2566	15	BOLT (1/2-13X1.5 IN)	
	85	1,2,3	5P-7464	7	CLIP (SLOT)	
	86	1,2,3	5P-7465	7	CLIP (TAB)	
	87	1	5S-7383	2	BOLT (3/8-16X1.75 IN)	
	88	3	6D-4636	1	CLIP	
	89	3	6V-7359	2	GROMMET	
	90	2	6V-8188	1	NUT (1/2-13 THD)	
	91	2	6V-8260	1	SEAL-O-RING	
	92	3	6V-9746	1	SEAL-O-RING	
	93	1	7X-0308	4	BOLT (7/16-14X1.375 IN)	
	94	2	7X-0310	4	BOLT (7/16-14X2 IN)	
	95	2	7X-0316	4	BOLT (7/16-14X3.5 IN)	
	96	2	7X-0318	4	BOLT (7/16-14X4 IN)	
	97	2	7X-0332	5	BOLT (1/2-13X4.5 IN)	
	98	1	7X-0334	4	BOLT (1/2-13X5 IN)	
	99	3	7X-0340	8	BOLT (1/2-13X6.5 IN)	
	100	1	7X-0372	3	BOLT (3/4X10X4.25 IN)	
	101	2	7X-0507	8	WASHER-HARD (12X22.5X5MM THK)	
	102	2,3	8C-4436	8	BOLT (1/2-13X1.375 IN)	
	103	1,2	8J-8197	10	CLIP	
	104	3	8L-3837	4	BOLT-SOCKET HEAD	
	105	2	8S-0023	2	CLIP (SLOT)	
	106	2	8S-0024	2	CLIP (TAB)	
	107	3	8T-2353	1	ADAPTER	
	108	3	8T-2501	9	BOLT (3/8-16X2 IN)	
	109	1,2	8T-2502	1	BOLT (3/8-16X1.125 IN)	
	110	2	8T-2602	1	CLIP (TAB)	
	111	2	8T-2603	1	CLIP (SLOT)	
	112	1,2,3	8T-4223	57	WASHER-HARD (13.5X25.5X3MM THK)	
	113	1,2,3	8T-4896	23	WASHER-HARD (10.2X18.5X2.5MM THK)	
	114	1,2	8T-4897	2	WASHER (10.2X35X6MM THK)	
	115	1	8T-4994	3	WASHER-HARD (20X36.5X3.5MM THK)	
	116	1,2	8T-5360	8	WASHER (12X22.5X2.5MM THK)	
	117	1,2	8T-8917	4	BOLT (1/2-13X1.25 IN)	
	118	3	1S-0994	1	CLIP	

C-CHANGE FROM PREVIOUS TYPE
I-REFER TO HYDRAULIC INFORMATION SYSTEM
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

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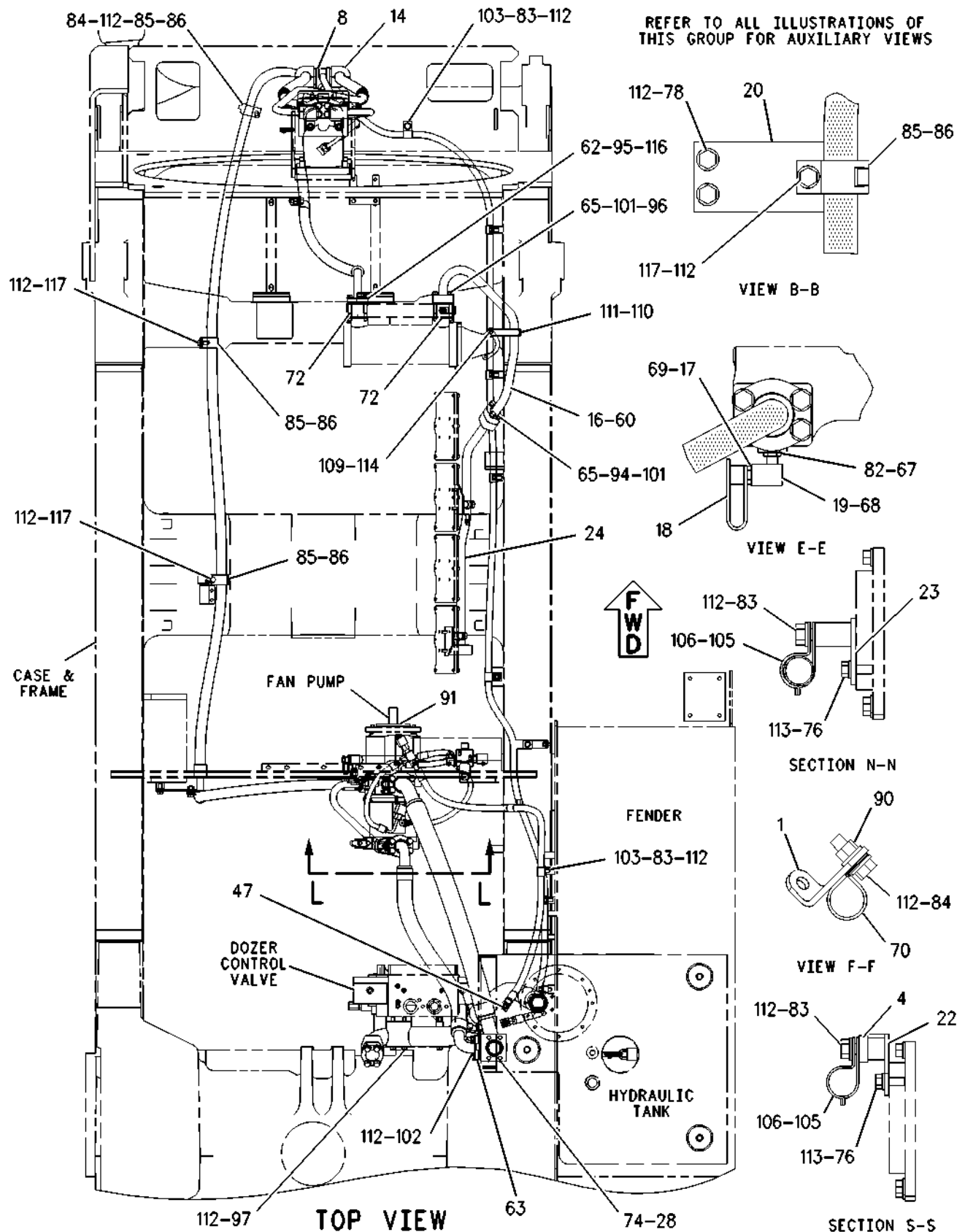
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HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

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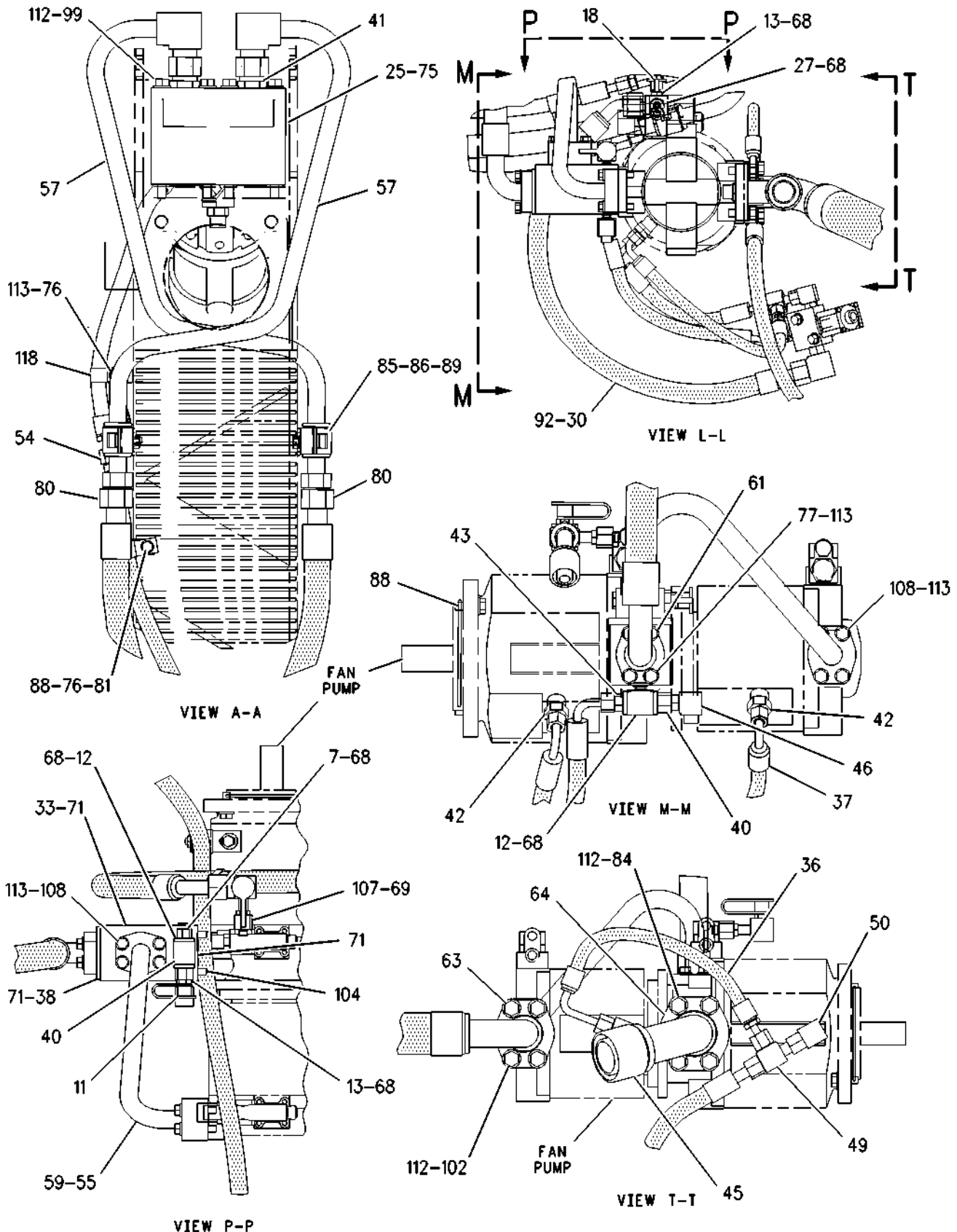
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HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

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GRAPHIC #3

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HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN

S/N: 7PZ599-651

PART OF 155-5552 CHASSIS AR

SMCS-1386, 1387, 5057

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1W-2860	1	BRACKET	
I	2	1	3T-6847	1	HOSE AS	
B	3	1	3W-2647	1	SPACER (13.5X30X10-MM THK)	
	4	1	5G-6504	1	LUG	
	5	1	5P-8502	1	PADLOCK GP (HYDRAULIC TANK)	
		1	5P-8500	1	KEY	
		1	8Y-6364	1	SLEEVE	
6	1	1	6G-3432	1	ADAPTER (HEX)	
7	1	1	6T-4676	1	BRACKET	
8	1	1	6T-6079	3	WASHER (20X100X12-MM THK)	
9	1	1	6T-6080	6	MOUNTING	
10	1	1	6V-0852	1	CAP-DUST	
11	1	1	6V-1625	2	TEE-O-RING	
12	1	1	6V-3965	2	FITTING (QUICK DISCONNECT)	
13	1	1	7G-1578	2	GROMMET	
14	1	1	7N-1277	2	BRACKET AS	
					(EACH INCLUDES)	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
15	1	1	7W-5425	1	TUBE AS	
16	1	1	8C-3446	1	VALVE AS-FLUID SAMPLING	
17	1	1	8C-3451	2	CAP-DUST	
18	1	1	9W-0875	1	PLATE AS	
		1	1F-0748	1	NUT-WELD (1/2-13-THD)	
I	19	1	9W-6372	1	HOSE AS	
	20	1	9W-7892	1	SUPPORT AS	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
		1	6J-0499	1	LUG (1/2-13-THD)	
21	1	1	9W-7893	1	SUPPORT AS	
		1	7J-7778	1	LUG (1/2-13-THD)	
22	1	1	9W-7894	1	TUBE AS	
Y	23	1	105-2470	1	VALVE GP-MAKEUP (ANTI-CAVITATION HYD FLUID)	878
I	24	1	107-0040	1	HOSE AS	
	25	1	107-0586	1	ELBOW	
	26	1	108-4721	1	SPACER	
I	27	1	133-1854	1	HOSE AS	
I	28	1	133-1856	1	HOSE AS	
I	29	1	133-1857	1	HOSE AS	
I	30	1	133-3869	1	HOSE AS	
	31	1	133-4283	1	SPACER	
I	32	1	133-8133	1	HOSE AS	
I	33	1	138-6793	1	HOSE AS	
I	34	1	138-6794	1	HOSE AS	
	35	1	138-9751	1	PLATE	
I	36	1	140-7732	1	HOSE AS	
	37	1	148-8313	2	ADAPTER GP	
					(EACH INCLUDES)	
		1	3K-0360	1	SEAL-O-RING	
		1	5P-6944	1	ADAPTER	
38	1	1	148-8317	2	CONNECTOR GP	
					(EACH INCLUDES)	
		1	3D-2824	1	SEAL-O-RING	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-8714	1	CONNECTOR	
39	1	1	148-8319	2	CONNECTOR GP	
					(EACH INCLUDES)	
		1	2M-9780	1	SEAL-O-RING	

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8715	1	CONNECTOR	
	40	1	148-8336	1	CONNECTOR AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8636	1	CONNECTOR	
	41	1	148-8354	1	ELBOW GP	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-9002	1	ELBOW	
	42	1	148-8372	1	ELBOW GP	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8721	1	ELBOW	
	43	1	148-8378	3	ELBOW AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8724	1	ELBOW	
	44	1	148-8428	1	TEE GP	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8782	1	TEE-FACE SEAL	
	45	1	148-8433	1	TEE GP	
		1	6V-8397	2	SEAL-O-RING	
		1	6V-9836	1	TEE-SWIVEL	
	46	1	148-8444	1	TEE GP	
		1	6V-8398	2	SEAL-O-RING	
		1	6V-9837	1	TEE-SWIVEL	
	47	1	153-6245	1	ELBOW GP	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	136-6811	1	ELBOW	
	48	1	153-6255	1	ELBOW GP	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	8C-3324	1	ELBOW	
I	49	1	154-7150	1	HOSE AS	
	50	1	158-8902	1	BRACKET AS	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
	51	1	164-5572	1	UNION AS	
		1	6V-8398	2	SEAL-O-RING	
		1	6V-8731	1	UNION-FACE SEAL	
	52	1	171-7088	1	TUBE AS	
I	53	1	172-5276	1	HOSE AS	
	54	1	172-6047	2	TUBE AS	
C	55	1	175-3920	1	MANIFOLD	
Y	56	1	189-8628	1	VALVE & MTG GP-HYDRAULIC FAN (HYDRAULIC FAN)	860
	57	1	148-8358	1	ELBOW AS	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8624	1	ELBOW	
	58	1	1P-3703	2	SEAL-RECTANGULAR	
	59	1	1P-3704	2	SEAL-RECTANGULAR	
	60	1	1P-4577	2	FLANGE-HALF	
	61	1	1P-4578	2	FLANGE-HALF	
C	62	1	1P-4579	8	FLANGE-HALF	
	63	1	1P-4582	6	FLANGE-HALF	
	64	1	1P-5761	4	FLANGE-HALF	

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	65	1	1S-0994	1	CLIP						
C	66	1	2J-2668	2	COVER						
	67	1	2M-9780	1	SEAL-O-RING						
	68	1	3J-1907	7	SEAL-O-RING						
	69	1, 1	3J-7354	2	SEAL-O-RING						
	70	1	4D-7388	1	CLIP						
	71	1	4J-0520	3	SEAL-O-RING						
C	72	1	4J-0522	3	SEAL-O-RING						
C	73	1	4J-0524	4	SEAL-O-RING						
	74	1	4J-0527	6	SEAL-O-RING						
	75	1	4J-5573	2	SEAL-O-RING						
	76	1	4L-6454	11	BOLT (3/8-16X1-IN)						
	77	1	4L-9337	4	BOLT (3/8-16X1.5-IN)						
	78	1	5C-6565	2	BOLT (1/2-13X1.125-IN)						
	79	1	5K-9090	2	SEAL-O-RING						
	80	1	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)						
	81	1	5P-1404	1	ADAPTER-O-RING						
	82	1	5P-2228	10	BOLT (1/2-13X1-IN)						
	83	1	5P-2566	15	BOLT (1/2-13X1.5-IN)						
	84	1	5P-7464	7	CLIP (SLOT)						
	85	1	5P-7465	7	CLIP (TAB)						
	86	1	5S-7383	2	BOLT (3/8-16X1.75-IN)						
	87	1	6D-4636	1	CLIP						
	88	1	6V-7359	2	GROMMET						
	89	1	6V-8188	1	NUT (1/2-13-THD)						
	90	1	6V-8260	1	SEAL-O-RING						
	91	1	6V-9746	1	SEAL-O-RING						
	92	1	7X-0310	4	BOLT (7/16-14X2-IN)						
	93	1	7X-0316	4	BOLT (7/16-14X3.5-IN)						
	94	1	7X-0318	4	BOLT (7/16-14X4-IN)						
	95	1	7X-0332	5	BOLT (1/2-13X4.5-IN)						
	96	1	7X-0334	4	BOLT (1/2-13X5-IN)						
	97	1	7X-0340	8	BOLT (1/2-13X6.5-IN)						
	98	1	7X-0372	3	BOLT (3/4X10X4.25-IN)						
	99	1	7X-0507	8	WASHER-HARD (12X22.5X5-MM THK)						
	100	1	8C-4436	8	BOLT (1/2-13X1.375-IN)						
	101	1	8C-6712	1	ELBOW						
	102	1	8J-8197	10	CLIP						
	103	1	8L-3837	4	BOLT-SOCKET HEAD						
	104	1	8S-0023	2	CLIP (SLOT)						
	105	1	8S-0024	2	CLIP (TAB)						
	106	1	8T-2353	1	ADAPTER						
	107	1	8T-2501	9	BOLT (3/8-16X2-IN)						
	108	1	8T-2502	1	BOLT (3/8-16X1.125-IN)						
	109	1	8T-2602	1	CLIP (TAB)						
	110	1	8T-2603	1	CLIP (SLOT)						
C	111	1	8T-4223	61	WASHER-HARD (13.5X25.5X3-MM THK)						
	112	1	8T-4896	23	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	113	1	8T-4897	2	WASHER (10.2X35X6-MM THK)						
	114	1	8T-4994	3	WASHER-HARD (20X36.5X3.5-MM THK)						
C	115	1	8T-5360	4	WASHER (12X22.5X2.5-MM THK)						
	116	1	8T-8917	4	BOLT (1/2-13X1.25-IN)						
C	117	1	8T-8919	4	BOLT (1/2-13X1.75-IN)						

B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE

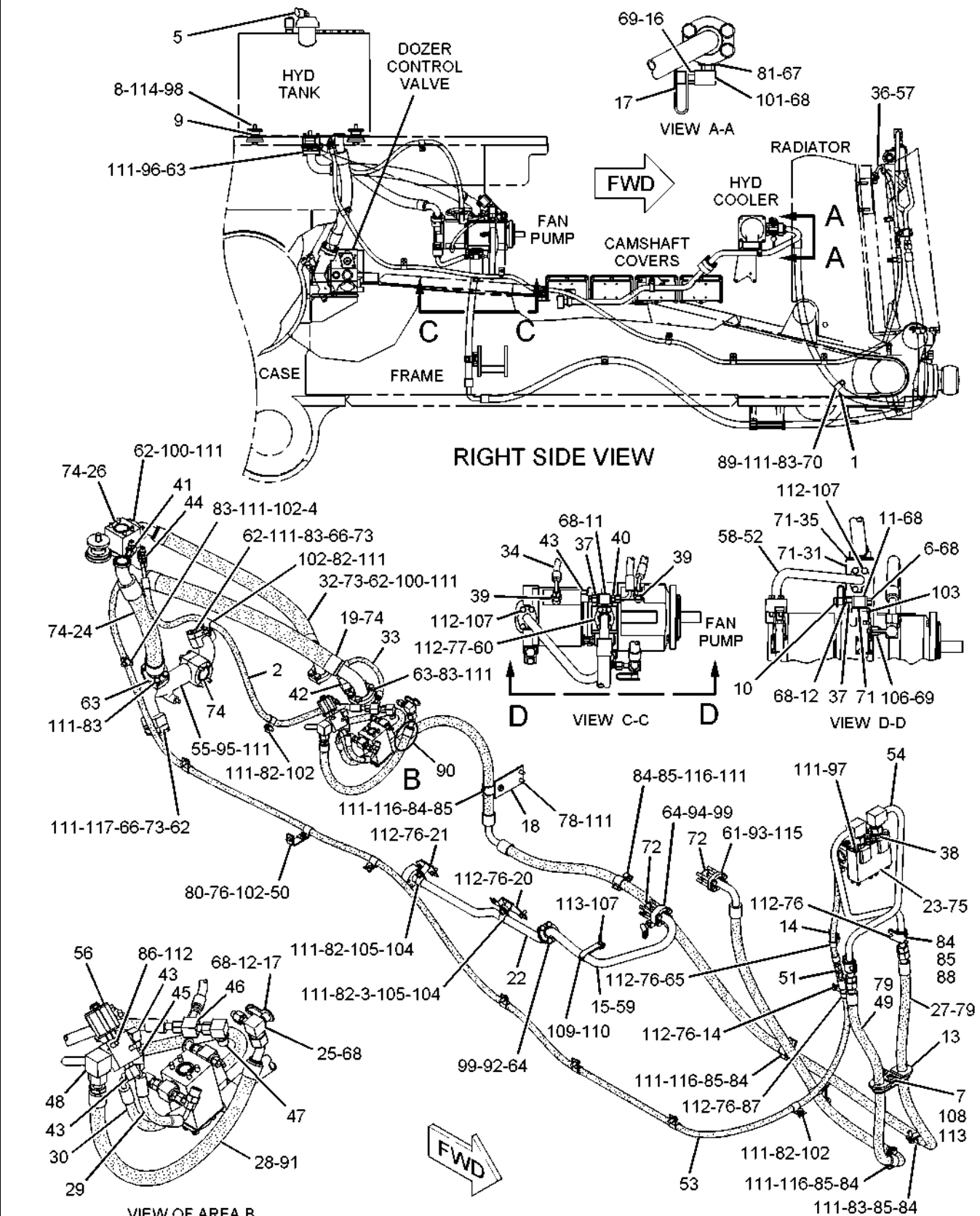
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

101796566



GRAPHIC #1

<END>

g01045269

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN

S/N: 7PZ652-UP

PART OF 155-5552 CHASSIS AR

SMCS-1386, 1387, 5057

i01988909

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1W-2860	1	BRACKET	
I	2	1	3T-6847	1	HOSE AS	
	3	1	3W-2647	1	SPACER (13.5X30X10MM THK)	
	4	1	5G-6504	1	LUG	
CI	5	2	5G-8290	1	HOSE AS	
	6	1	5P-8502	1	PADLOCK GP (HYDRAULIC FAN LINES)	
		1	5P-8500	1	KEY	
		1	8Y-6364	1	SLEEVE	
	7	2	6G-3432	1	ADAPTER (HEX)	
	8	1	6T-4676	1	BRACKET	
	9	1	6T-6079	3	WASHER (20X100X12MM THK)	
	10	1	6T-6080	6	MOUNTING	
C	11	2	6V-3965	1	FITTING (QUICK DISCONNECT)	
C	12	1	7G-1578	2	GROMMET	
	13	1	7N-1277	2	BRACKET AS	
					(EACH INCLUDES)	
		1	1F-0750	1	NUT-WELD (3/8-16THD)	
	14	1	7W-5425	1	TUBE AS	
	15	1	8C-3446	1	VALVE AS-FLUID SAMPLING (HYDRAULIC FLUID)	
		1	1F-0750	1	NUT-WELD (3/8-16THD)	
	16	1, 2	8C-3451	2	CAP-DUST	
	17	1	8C-6712	1	ELBOW	
C	18	2	9J-3866	1	ADAPTER	
	19	1	9W-0875	1	PLATE AS	
		1	1F-0748	1	NUT-WELD (1/2-13 THD)	
I	20	1	9W-6372	1	HOSE AS	
	21	1	9W-7892	1	SUPPORT AS	
		1	1F-0750	1	NUT-WELD (3/8-16THD)	
		1	6J-0499	1	LUG (1/2-13 THD)	
	22	1	9W-7893	1	SUPPORT AS	
		1	1F-0750	1	NUT-WELD (3/8-16THD)	
		1	7J-7778	1	LUG (1/2-13 THD)	
	23	1	9W-7894	1	TUBE AS	
Y	24	2	105-2470	1	VALVE GP-MAKEUP (ANTI CAVITATION-HYD FLUID)	878
I	25	1	107-0040	1	HOSE AS	
	26	2	107-0586	1	ELBOW	
	27	1	108-4721	1	SPACER	
C	28	2	116-7209	4	BOLT-SOCKET HEAD (3/8-16X4.25IN)	
I	29	1	133-1854	1	HOSE AS	
I	30	2	133-1856	1	HOSE AS	
I	31	1	133-1857	1	HOSE AS	
I	32	1	133-8133	1	HOSE AS	
I	33	2	138-6793	1	HOSE AS	
I	34	2	138-6794	1	HOSE AS	
I	35	1	140-7732	1	HOSE AS	
	36	2	148-8317	2	CONNECTOR GP	
					(EACH INCLUDES)	
		2	3D-2824	1	SEAL-O-RING	
		2	5K-9090	1	SEAL-O-RING	
		2	6V-8714	2	CONNECTOR	
	37	2	148-8319	2	CONNECTOR GP	
					(EACH INCLUDES)	
		2	2M-9780	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8715	2	CONNECTOR	
C	38	2	148-8372	1	ELBOW GP	

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

i01988909

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	2M-9780	1	SEAL-O-RING						
		2	6V-8398	1	SEAL-O-RING						
		2	6V-8721	1	ELBOW						
	39	1	148-8433	1	TEE GP						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9836	1	TEE-SWIVEL						
C	40	2	148-8444	1	TEE GP						
		2	6V-8398	1	SEAL-O-RING						
		2	6V-9837	1	TEE-SWIVEL						
	41	2	153-6245	1	ELBOW GP						
		2	2M-9780	1	SEAL-O-RING						
		2	6V-8398	1	SEAL-O-RING						
		2	136-6811	1	ELBOW						
	42	1	153-6255	1	ELBOW GP						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
		1	8C-3324	1	ELBOW						
CI	43	1	154-7150	1	HOSE AS						
	44	1	158-8902	1	BRACKET AS						
		1	1F-0750	1	NUT-WELD (3/8-16THD)						
I	45	1	172-5276	1	HOSE AS						
	46	2	172-6047	2	TUBE AS						
	47	1	175-3920	1	MANIFOLD						
Y	48	1	189-8628	1	VALVE & MTG GP-HYDRAULIC FAN						860
C	49	2	213-5202	1	TUBE AS						
CI	50	1	214-4159	1	HOSE AS						
CY	51	2	226-6537	1	MANIFOLD GP-CONTROL						821
C	52	2	148-8318	1	CONNECTOR GP						
		2	3K-0360	1	SEAL-O-RING						
		2	6V-8397	1	SEAL-O-RING						
		2	6V-8634	1	CONNECTOR						
	53	2	148-8326	1	CONNECTOR GP						
		2	3J-7354	1	SEAL-O-RING						
		2	6V-8397	1	SEAL-O-RING						
		2	6V-9872	1	CONNECTOR						
	54	1	148-8354	1	ELBOW GP						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-9002	1	ELBOW						
	55	1	148-8358	1	ELBOW AS						
		1	2M-9780	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8624	1	ELBOW						
	56	1,2	148-8378	3	ELBOW AS						
					(EACH INCLUDES)						
		1,2	3J-1907	1	SEAL-O-RING						
		1,2	6V-8397	1	SEAL-O-RING						
		1,2	6V-8724	1	ELBOW						
	57	1	148-8428	1	TEE GP						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8782	1	TEE-FACE SEAL						
	58	1	164-5572	1	UNION AS						
		1	6V-8398	2	SEAL-O-RING						
		1	6V-8731	1	UNION-FACE SEAL						
C	59	2	1P-3703	3	SEAL-RECTANGULAR						
	60	1	1P-3704	2	SEAL-RECTANGULAR						
	61	2	1P-4577	2	FLANGE-HALF						
	62	1	1P-4578	2	FLANGE-HALF						

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

i01988909

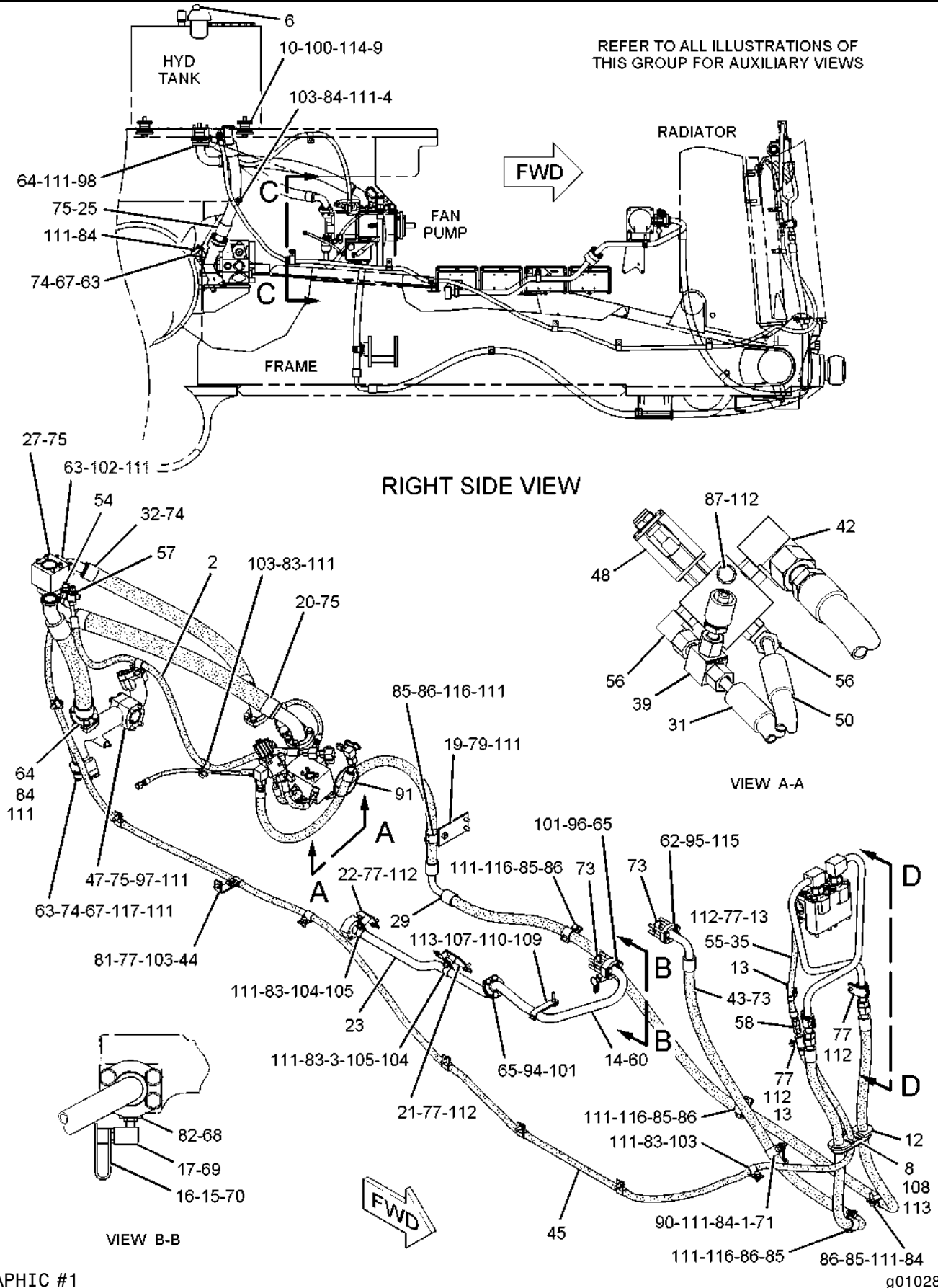
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	63	1,2	1P-4579	8	FLANGE-HALF	
	64	1,2	1P-4582	6	FLANGE-HALF	
	65	1	1P-5761	4	FLANGE-HALF	
	66	2	1S-0994	1	CLIP	
	67	1	2J-2668	2	COVER	
	68	1	2M-9780	1	SEAL-O-RING	
C	69	1,2	3J-1907	4	SEAL-O-RING	
	70	1,2	3J-7354	2	SEAL-O-RING	
	71	1	4D-7388	1	CLIP	
C	72	2	4J-0520	2	SEAL-O-RING	
	73	1	4J-0522	3	SEAL-O-RING	
C	74	1	4J-0524	4	SEAL-O-RING	
	75	1	4J-0527	6	SEAL-O-RING	
	76	2	4J-5573	2	SEAL-O-RING	
	77	1,2	4L-6454	11	BOLT (3/8-16X1 IN)	
	78	2	4L-9337	4	BOLT (3/8-16X1.5 IN)	
	79	1	5C-6565	2	BOLT (1/2-13X1.125 IN)	
	80	2	5K-9090	2	SEAL-O-RING	
	81	1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)	
	82	1	5P-1404	1	ADAPTER-O-RING	
	83	1	5P-2228	10	BOLT (1/2-13X1 IN)	
	84	1,2	5P-2566	15	BOLT (1/2-13X1.5 IN)	
	85	1,2	5P-7464	7	CLIP (SLOT)	
	86	1,2	5P-7465	7	CLIP (TAB)	
	87	1	5S-7383	2	BOLT (3/8-16X1.75 IN)	
	88	2	6D-4636	1	CLIP	
	89	2	6V-7359	2	GROMMET	
	90	1	6V-8188	1	NUT (1/2-13 THD)	
	91	1	6V-8260	1	SEAL-O-RING	
	92	2	6V-9746	1	SEAL-O-RING	
C	93	2	7X-0290	4	BOLT (3/8-16X3.50 IN)	
	94	1	7X-0310	4	BOLT (7/16-14X2 IN)	
	95	1	7X-0316	4	BOLT (7/16-14X3.5 IN)	
	96	1	7X-0318	4	BOLT (7/16-14X4 IN)	
	97	1	7X-0332	5	BOLT (1/2-13X4.5 IN)	
	98	1	7X-0334	4	BOLT (1/2-13X5 IN)	
	99	2	7X-0340	8	BOLT (1/2-13X6.5 IN)	
	100	1	7X-0372	3	BOLT (3/4X10X4.25 IN)	
	101	1	7X-0507	8	WASHER-HARD (12X22.5X5MM THK)	
	102	2	8C-4436	8	BOLT (1/2-13X1.375 IN)	
	103	1	8J-8197	10	CLIP	
C	104	1	8S-0023	2	CLIP (SLOT)	
	105	1	8S-0024	2	CLIP (TAB)	
	106	2	8T-2353	1	ADAPTER	
C	107	1,2	8T-2501	5	BOLT (3/8-16X2 IN)	
	108	1	8T-2502	1	BOLT (3/8-16X1.125 IN)	
	109	1	8T-2602	1	CLIP (TAB)	
	110	1	8T-2603	1	CLIP (SLOT)	
	111	1,2	8T-4223	61	WASHER-HARD (13.5X25.5X3MM THK)	
	112	1,2	8T-4896	23	WASHER-HARD (10.2X18.5X2.5MM THK)	
	113	1	8T-4897	2	WASHER (10.2X35X6MM THK)	
	114	1	8T-4994	3	WASHER-HARD (20X36.5X3.5MM THK)	
	115	1	8T-5360	4	WASHER (12X22.5X2.5MM THK)	
	116	1	8T-8917	4	BOLT (1/2-13X1.25 IN)	
	117	1	8T-8919	4	BOLT (1/2-13X1.75 IN)	

C-CHANGE FROM PREVIOUS TYPE
I-REFER TO HYDRAULIC INFORMATION SYSTEM
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

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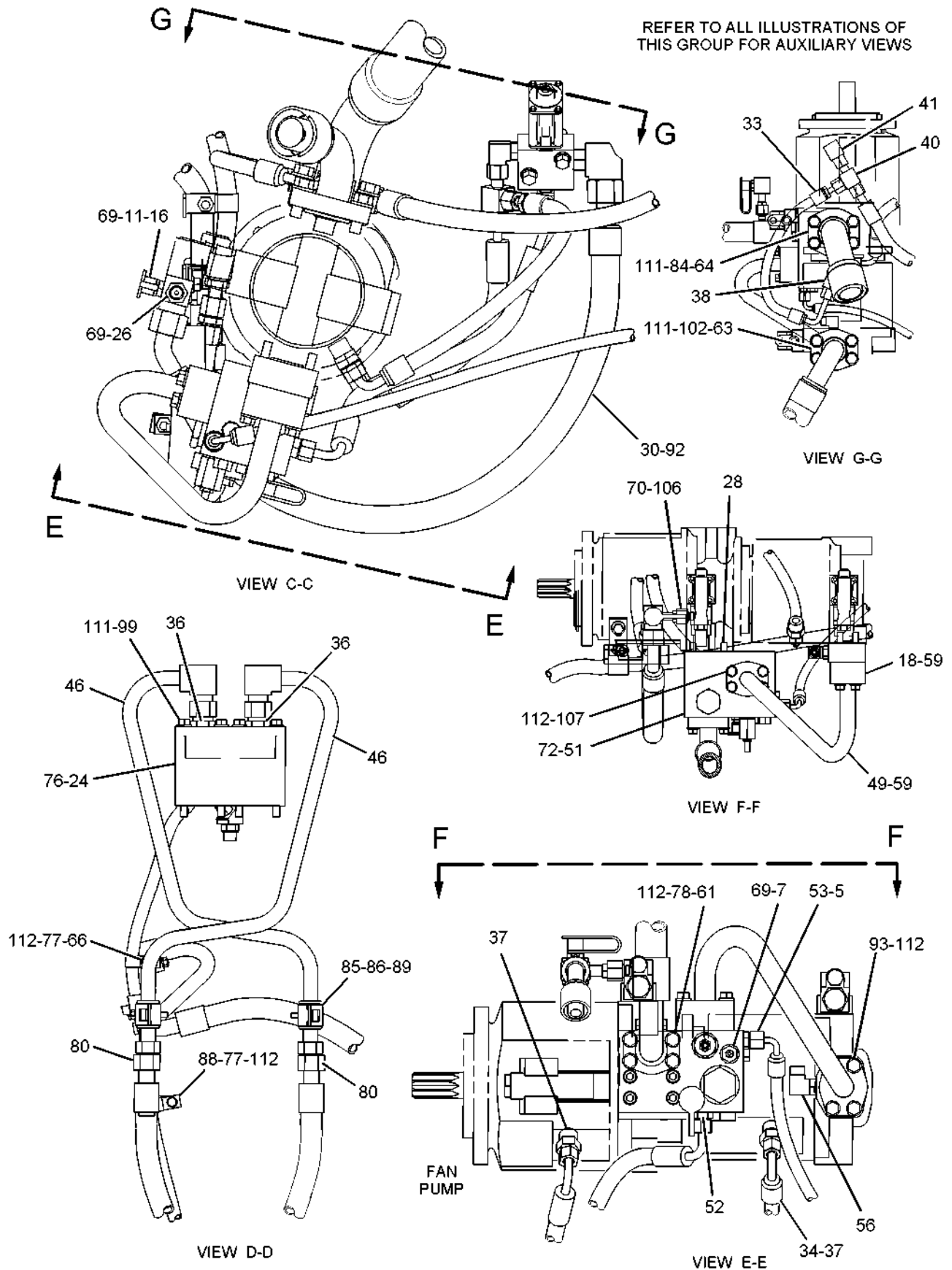
GRAPHIC #1

g01028454

HYDRAULIC SYSTEM

172-5596 LINES GP-HYDRAULIC FAN (contd.)

i01988909



GRAPHIC #2

<END>

g01028455

HYDRAULIC SYSTEM

227-3002 LINES GP-HYDRAULIC FAN-COLD WEATHER BYPASS

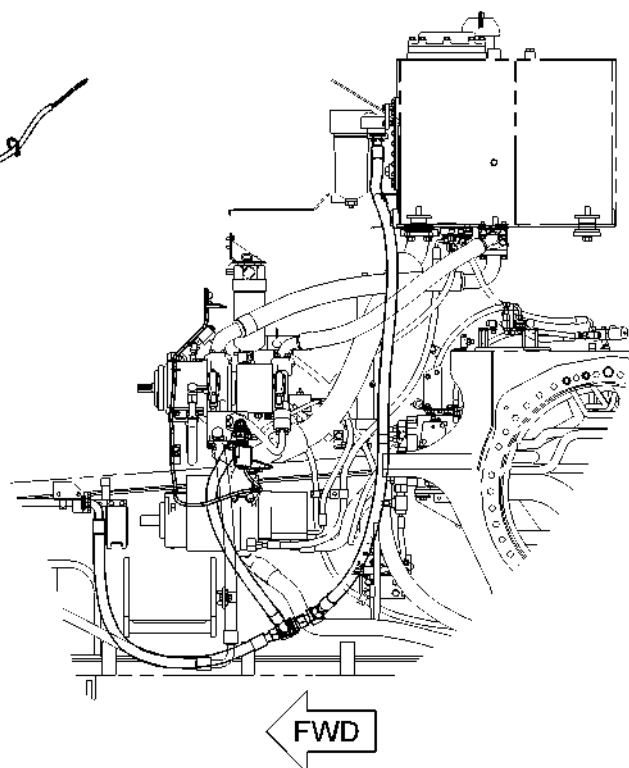
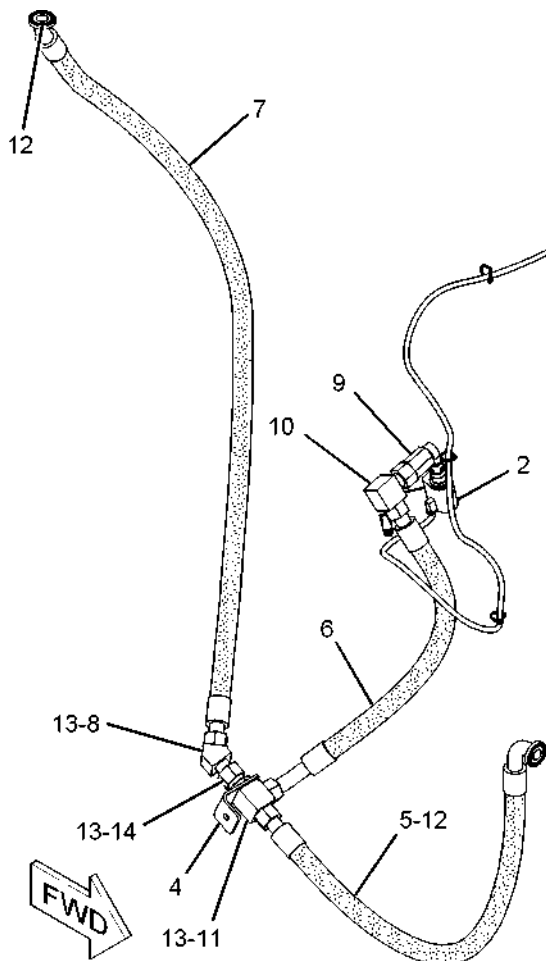
S/N: 7PZ652-UP
AN ATTACHMENT

SMCS-1386, 1387, 5057

i01968382

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7K-1181	4	STRAP - CABLE						
Y	2	1	149-2610	1	VALVE GP-SOLENOID (BYPASS ON/OFF)						907
	3	1	226-0913	1	WIRE AS						
	4	1	227-5719	1	BRACKET						
I	5	1	228-9650	1	HOSE AS						
I	6	1	228-9651	1	HOSE AS						
I	7	1	228-9652	1	HOSE AS						
	8	1	142-0038	1	ELBOW						
	9	1	148-8330	1	CONNECTOR AS						
		1	5K-9090	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	8T-0198	1	CONNECTOR						
10		1	148-8352	1	ELBOW GP						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-9854	1	ELBOW (SWIVEL)						
11		1	154-7159	1	TEE						
12		1	4J-0522	2	SEAL-O-RING						
13		1	5K-9090	4	SEAL-O-RING						
14		1	6V-9172	1	NUT (1 7/16-12 THD)						

I- REFER TO HYDRAULIC INFORMATION SYSTEM
Y- SEPARATE ILLUSTRATION



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01026510

HYDRAULIC SYSTEM

120-9016 LINES GP-LIFT CYLINDER

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

PART OF 119-4267, 119-4268, 199-8241 BULLDOZER AR-SEMI-UNIVERSAL, 199-8240

BULLDOZER AR-UNIVERSAL

FOR USE WITH BULLDOZER LIFT CYLINDERS

AN ATTACHMENT

TYPE 1

SMCS-5057, 5102

i02023826

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9W-8065	2	PLATE	
	2	1	115-1250	2	BRACKET AS	
					(EACH INCLUDES)	
		1	7T-1099	2	LINK	
I	3	1	9W-8729	4	HOSE AS	
	4	1	4P-7428	10	CLIP	
C	5	1	151-4854	2	HARNES AS-FRONT LIGHTING (LIFT CYLINDER)	
					(EACH INCLUDES)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
	6	1	5P-8522	2	GROMMET	
	7	1	5P-2228	4	BOLT (1/2-13X1-IN)	
	8	1	8T-4223	12	WASHER-HARD (13.5X25.5X3-MM THK)	
	9	1	5C-6565	8	BOLT (1/2-13X1.125-IN)	
	10	1	7X-0272	8	BOLT (7/16-14X.875-IN)	
	11	1	8T-5360	8	WASHER (12X22.5X2.5-MM THK)	
	12	1	1P-3704	8	SEAL-RECTANGULAR	
CY	13	1	125-2001	2	LIGHTING GP-FLOOD	315
	14	1	9X-6772	12	STRAP-CABLE	

C-CHANGE FROM PREVIOUS TYPE

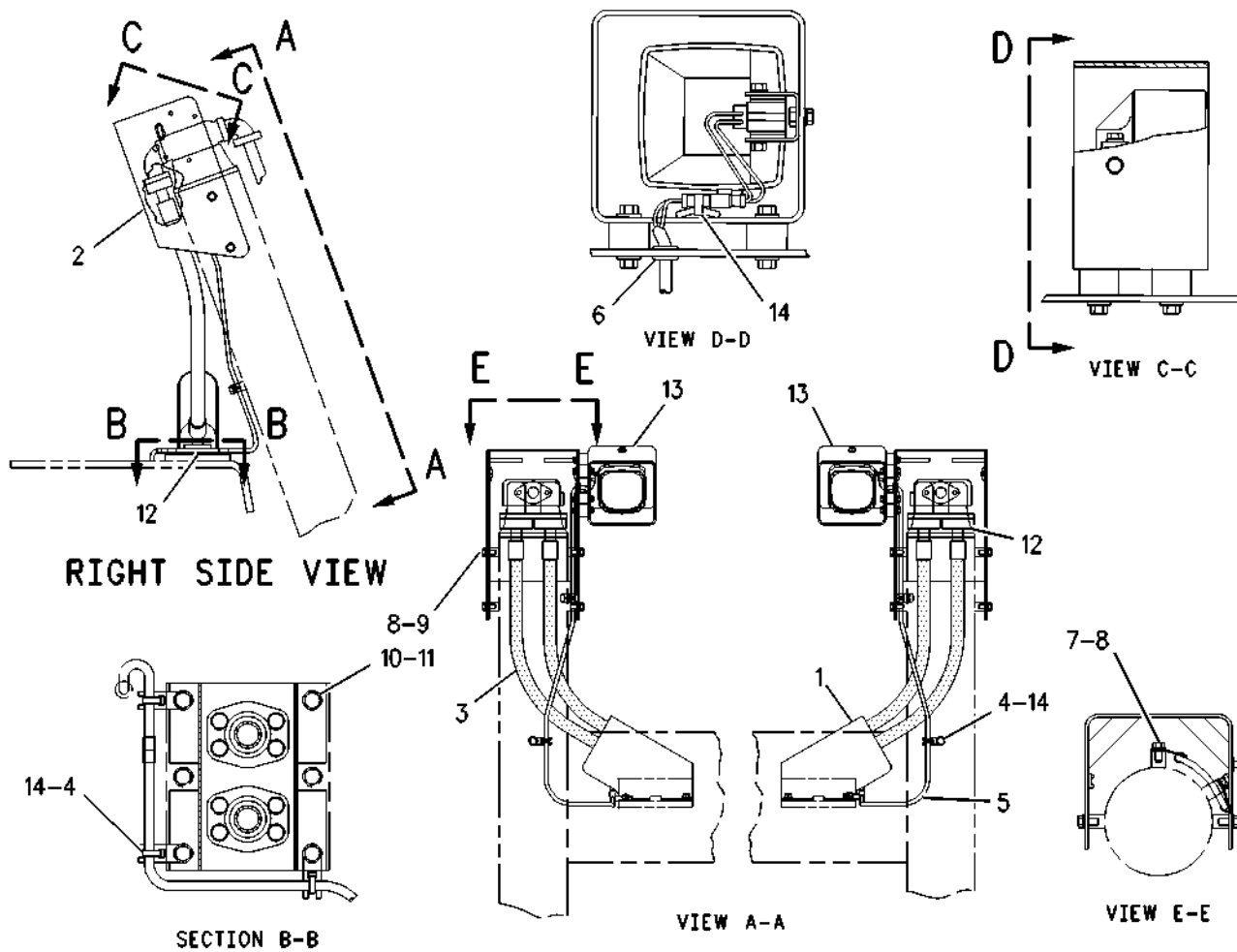
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

120-9016 LINES GP-LIFT CYLINDER (contd.)

i02023826



GRAPHIC #1

<END>

g00369272

HYDRAULIC SYSTEM

120-9016 LINES GP-LIFT CYLINDER

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

PART OF 199-8241, 226-5919 BULLDOZER AR-SEMI-UNIVERSAL, 199-8240, 226-5918

BULLDOZER AR-UNIVERSAL

FOR USE WITH BULLDOZER LIFT CYLINDERS

AN ATTACHMENT

TYPE 2

SMCS-5057, 5102

i02023825

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9W-8065	2	PLATE	
	2	1	217-0242	2	BRACKET AS	
					(EACH INCLUDES)	
		1	7T-1099	2	LINK	
I	3	1	9W-8729	4	HOSE AS	
	4	1	4P-7428	10	CLIP	
C	5	1	151-4854	2	HARNES AS-FRONT LIGHTING (LIFT CYLINDER)	
					(EACH INCLUDES)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
	6	1	5P-8522	2	GROMMET	
	7	1	5P-2228	4	BOLT (1/2-13X1-IN)	
	8	1	8T-4223	12	WASHER-HARD (13.5X25.5X3-MM THK)	
	9	1	9X-6772	12	STRAP-CABLE	
	10	1	7X-0272	8	BOLT (7/16-14X.875-IN)	
	11	1	8T-5360	8	WASHER (12X22.5X2.5-MM THK)	
	12	1	1P-3704	8	SEAL-RECTANGULAR	
CY	13	1	125-2001	2	LIGHTING GP-FLOOD	315
	14	1	8C-4436	8	BOLT (1/2-13X1.375-IN)	

C-CHANGE FROM PREVIOUS TYPE

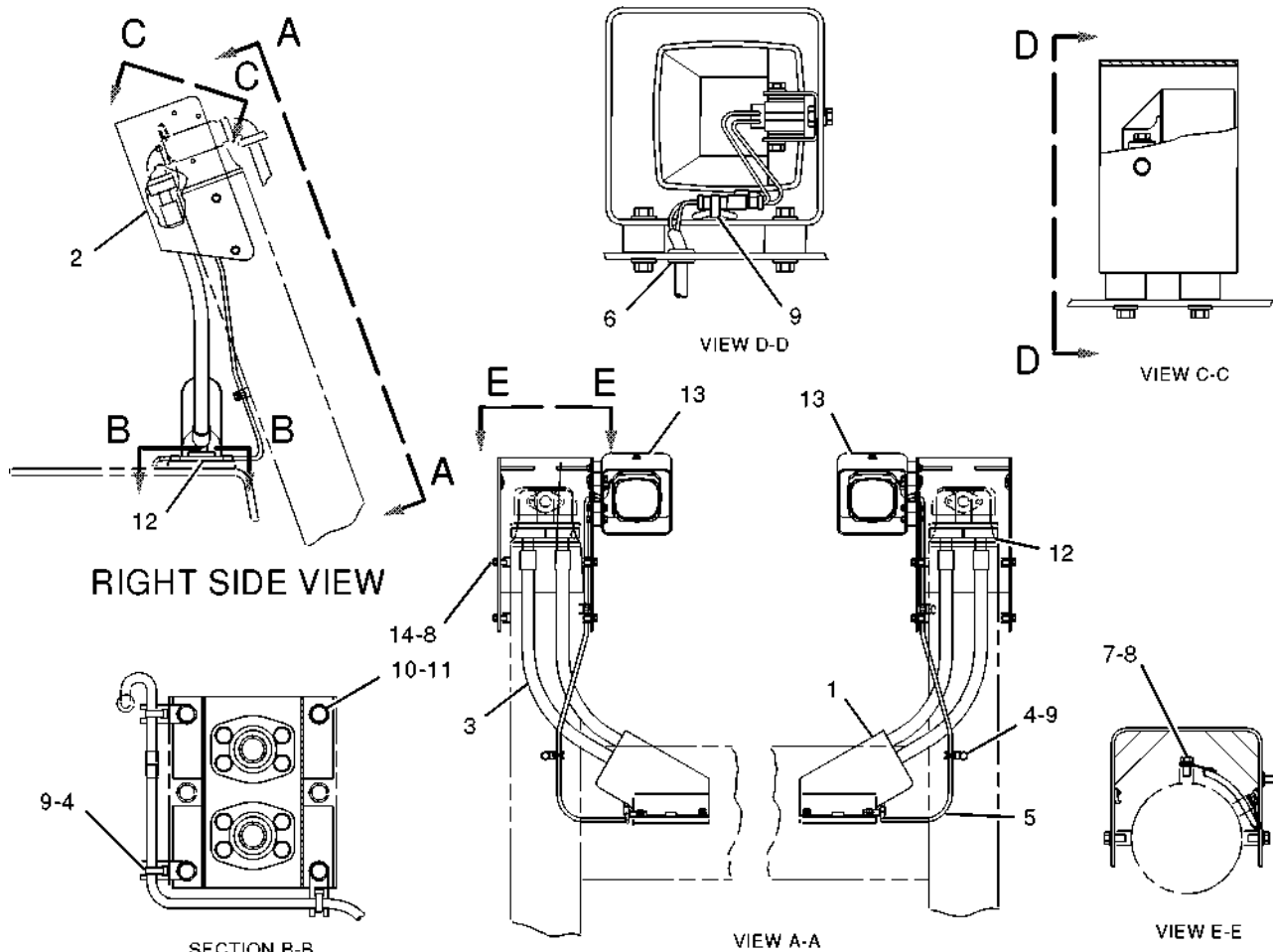
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

120-9016 LINES GP-LIFT CYLINDER (contd.)

i02023825



<END>

g01021744

GRAPHIC #1

HYDRAULIC SYSTEM

131-2101 LINES GP-LIFT CYLINDER

S/N: 7PZ1-651

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5057, 5102

i01452449

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	2	134-8344	1	HOSE AS	
	2	1	6T-2962	2	ADAPTER	
I	3	2	7I-5222	1	HOSE AS	
I	4	1	7T-3983	1	HOSE AS	
I	5	1	8E-9733	1	HOSE AS	
	6	1	9G-8140	2	SPACER (10.5X25X15MM THK)	
I	7	1	9R-1183	1	HOSE AS	
	8	1	9W-8723	2	SPACER	
I	9	2	104-9028	1	HOSE AS	
	10	2	126-0814	2	FITTING AS	
Y	11	1	132-5077	1	VALVE GP-SHUTTLE	900
I	12	1	141-6716	1	HOSE AS	
	13	1,2	148-8336	9	CONNECTOR GP (EACH INCLUDES)	
		1,2	3J-1907	1	SEAL-O-RING	
		1,2	6V-8397	1	SEAL-O-RING	
		1,2	6V-8636	1	CONNECTOR	
	14	1	148-8353	1	ELBOW GP	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9001	1	ELBOW	
	15	1	148-8357	2	ELBOW GP (EACH INCLUDES)	
		1	5K-9090	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
		1	6V-9008	1	ELBOW	
	16	1	148-8378	3	ELBOW GP (EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8724	1	ELBOW	
	17	1	148-8425	2	TEE AS-ORFS (EACH INCLUDES)	
		1	5K-9090	1	SEAL-O-RING	
		1	8T-4834	1	TEE-SWIVEL ORIFICE	
	18	1,2	148-8435	3	TEE GP (EACH INCLUDES)	
		1,2	3J-1907	1	SEAL-O-RING	
		1,2	6V-8397	2	SEAL-O-RING	
		1,2	6V-8781	1	TEE-FACE SEAL	
I	19	1	170-7538	1	HOSE AS	
I	20	1	156-6147	1	HOSE AS	
	21	1	156-7423	1	BRACKET AS	
		1	1F-0750	2	NUT-WELD (3/8-16 THD)	
	22	2	162-5239	1	MANIFOLD AS	
	23	2	8J-1752	1	PLUNGER	
		2	6J-3134	1	SEAL-O-RING	
	24	2	2M-9780	1	SEAL-O-RING	
		2	8J-1751	1	PLUG	
	25	2	4B-9783	1	BALL	
I	26	2	135-9956	1	HOSE AS	
I	27	2	135-9957	1	HOSE AS	
	28	1	148-8433	1	TEE GP	
		1	6V-8397	2	SEAL-O-RING	
		1	6V-9836	1	TEE-SWIVEL	
	29	1,2	1P-3704	12	SEAL-RECTANGULAR	

HYDRAULIC SYSTEM

131-2101 LINES GP-LIFT CYLINDER (contd.)

i01452449

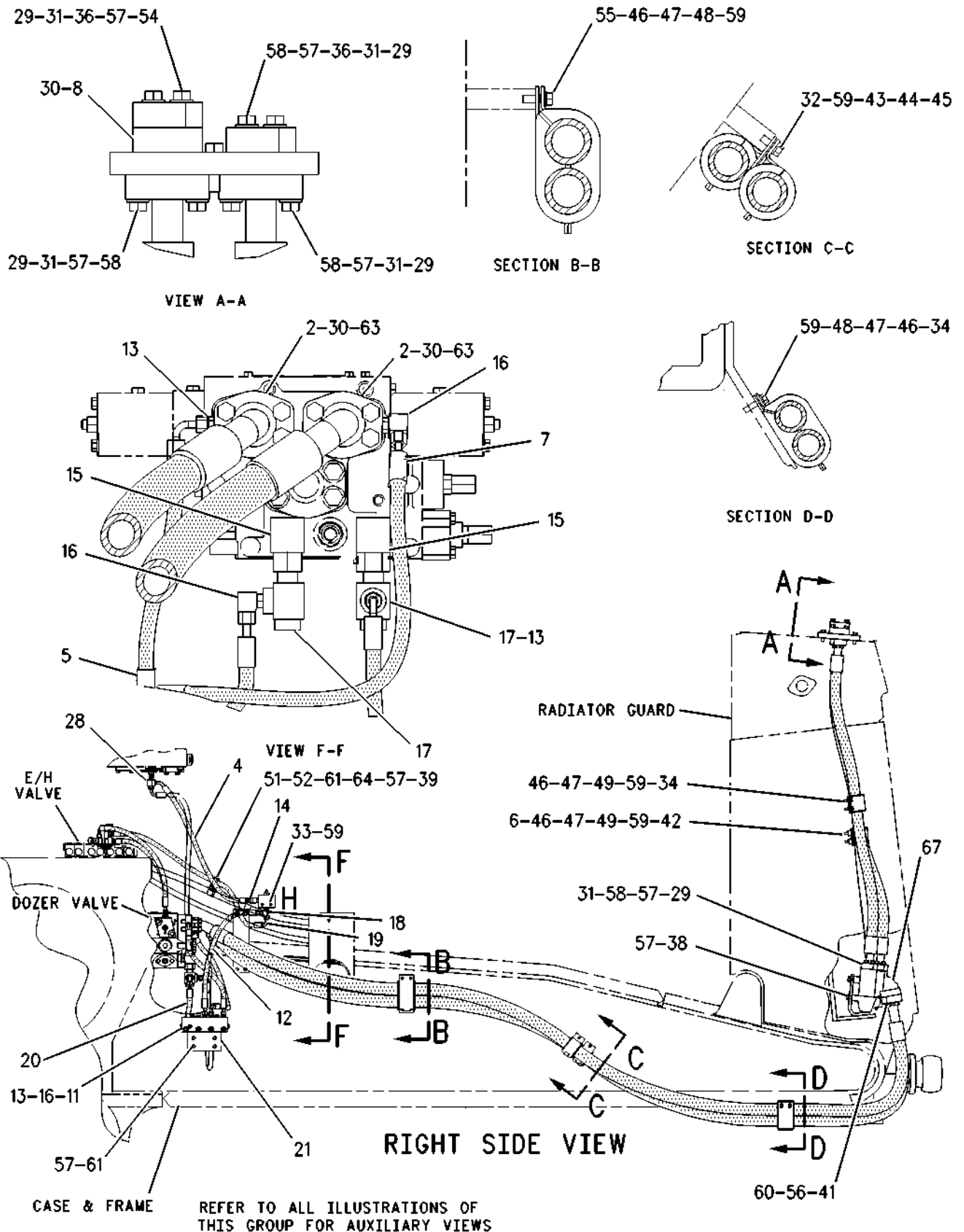
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	30	1,2	1P-3705	8	SEAL-RECTANGULAR	
	31	1,2	1P-5767	24	FLANGE-HALF	
	32	1	4L-6454	2	BOLT (3/8-16X1 IN)	
	33	1	4L-6459	2	BOLT (3/8-16X2.5 IN)	
	34	1	4L-9337	4	BOLT (3/8-16X1.5 IN)	
	35	2	150-3036	1	ELBOW GP	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	8T-1905	1	ELBOW	
	36	1	5P-0048	4	COVER	
	37	2	5P-7468	2	CLIP (SLOT)	
	38	1	8C-4436	3	BOLT (1/2-13X1.375 IN)	
	39	1	8T-7529	1	CLIP	
	40	2	5P-7469	2	CLIP (TAB)	
	41	1	5P-8077	4	FLANGE-HALF	
	42	1	5S-7383	2	BOLT (3/8-16X1.75 IN)	
	43	1	6V-1572	2	CLIP (SLOT)	
	44	1	6V-1573	2	CLIP (TAB)	
	45	1	6V-1574	2	GROMMET	
	46	1	6V-1575	4	CLIP (SLOT)	
	47	1	6V-1576	4	CLIP (TAB)	
	48	1	6V-1577	2	GROMMET	
	49	1	6V-1877	2	GROMMET	
I	50	2	134-8345	1	HOSE AS	
	51	1	7S-3912	1	CLIP (TAB)	
	52	1	7S-3913	1	CLIP (SLOT)	
	53	2	7X-0290	2	BOLT (3/8-16X3.50 IN)	
	54	1	7X-0326	8	BOLT (1/2-13X3 IN)	
	55	1	8T-2502	2	BOLT (3/8-16X1.125 IN)	
	56	1	8T-4122	8	WASHER-HARD (17X32X3.5MM THK)	
	57	1,2	8T-4223	63	WASHER-HARD (13.5X25.5X3MM THK)	
	58	1,2	8T-4835	40	BOLT (1/2-13X2 IN)	
	59	1,2	8T-4896	14	WASHER-HARD (10.2X18.5X2.5MM THK)	
	60	1	8T-6871	8	BOLT (5/8-11X2.50 IN)	
	61	1,2	8T-8917	7	BOLT (1/2-13X1.25 IN)	
	62	2	8T-8919	4	BOLT (1/2-13X1.75 IN)	
	63	1	8T-9396	8	BOLT (5/8-11X3.25 IN)	
	64	1	6V-8188	1	NUT (1/2-13 THD)	
I	65	2	9W-3287	1	HOSE AS	
	66	2	9W-8064	2	PLATE	
	67	1	9W-8717	1	TEE	
I	68	2	134-8343	1	HOSE AS	
I	69	1	199-4268	1	HOSE AS	

I-SEE HOSE FABRICATION GUIDE
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

131-2101 LINES GP-LIFT CYLINDER (contd.)

i01452449



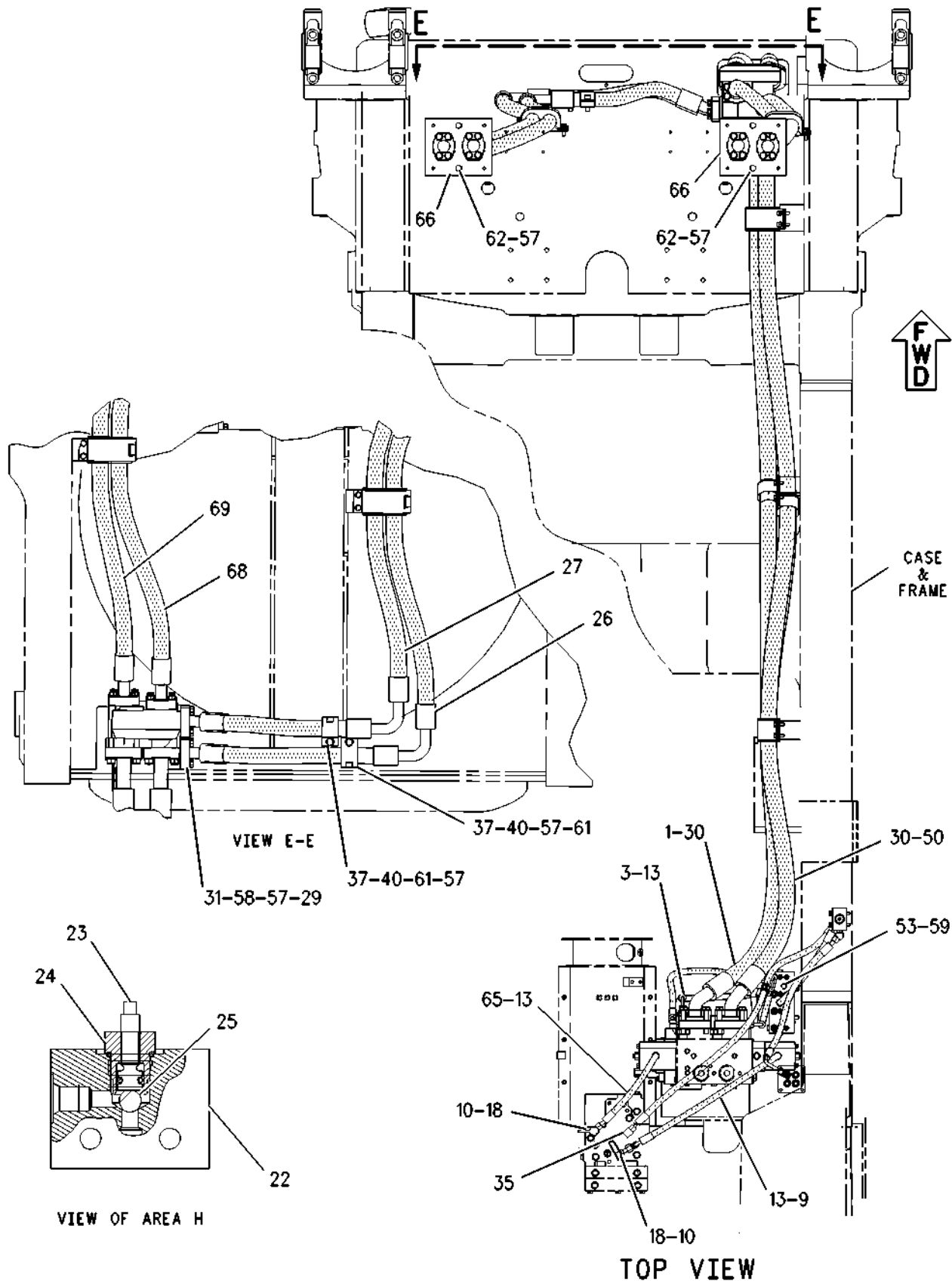
GRAPHIC #1

g00798187

HYDRAULIC SYSTEM

131-2101 LINES GP-LIFT CYLINDER (contd.)

i01452449



GRAPHIC #2

<END>

g00798186

HYDRAULIC SYSTEM

131-2101 LINES GP-LIFT CYLINDER

S/N: 7PZ652-UP

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5057, 5102

i01988905

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CI	1	1	1G-7806	1	HOSE AS	
	2	1	6T-2962	2	ADAPTER	
	3	1	6V-0852	2	CAP-DUST	
I	4	1	7I-5222	1	HOSE AS	
I	5	1	8E-9733	1	HOSE AS	
	6	1	9G-8140	2	SPACER (10.5X25X15MM THK)	
	7	1	9W-8723	2	SPACER	
I	8	1	104-9028	1	HOSE AS	
Y	9	1	132-5077	1	VALVE GP-SHUTTLE	900
I	10	1	134-8343	1	HOSE AS	
I	11	1	141-6716	1	HOSE AS	
	12	1	148-8336	9	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8636	1	CONNECTOR	
13		1	148-8357	2	ELBOW GP	
					(EACH INCLUDES)	
		1	5K-9090	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
		1	6V-9008	1	ELBOW	
14		1	148-8378	3	ELBOW AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8724	1	ELBOW	
15		1	148-8425	2	TEE AS	
					(EACH INCLUDES)	
		1	5K-9090	1	SEAL-O-RING	
		1	8T-4834	1	TEE-SWIVEL ORIFICE	
16		1	150-4027	1	TEE GP	
		1	3E-2310	1	TEE	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
17		1	156-7423	1	BRACKET AS	
		1	1F-0750	2	NUT-WELD (3/8-16THD)	
		1	162-5239	1	MANIFOLD AS	
18A		1	8J-1752	1	PLUNGER	
18B		1	6J-3134	1	SEAL-O-RING	
18C		1	2M-9780	1	SEAL-O-RING	
18D		1	8J-1751	1	PLUG	
18E		1	4B-9783	1	BALL	
19		1	168-1968	1	TEE AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	126-6872	1	TEE	
I	20	1	170-7538	1	HOSE AS	
I	21	1	199-4268	1	HOSE AS	
CI	22	1	230-3470	1	HOSE AS	
I	23	1	230-4057	1	HOSE AS	
I	24	1	134-8344	1	HOSE AS	
I	25	1	134-8345	1	HOSE AS	
I	26	1	135-9956	1	HOSE AS	
I	27	1	135-9957	1	HOSE AS	
C	28	1	148-8367	1	ELBOW GP	
		1	6V-9850	1	ELBOW (SWIVEL)	

HYDRAULIC SYSTEM

131-2101 LINES GP-LIFT CYLINDER (contd.)

i01988905

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-8397	1	SEAL-O-RING						
	29	1	148-8433	1	TEE GP						
		1	6V-8397	2	SEAL-O-RING						
		1	6V-9836	1	TEE-SWIVEL						
C	30	1	148-8435	2	TEE AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	2	SEAL-O-RING						
		1	6V-8781	1	TEE-FACE SEAL						
	31	1	150-3036	1	ELBOW GP						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	8T-1905	1	ELBOW						
C	32	1	164-5567	2	FITTING AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-3965	1	FITTING (QUICK DISCONNECT)						
	33	1	1P-3704	12	SEAL-RECTANGULAR						
	34	1	1P-3705	8	SEAL-RECTANGULAR						
	35	1	1P-5767	24	FLANGE-HALF						
	36	1	4L-6454	2	BOLT (3/8-16X1 IN)						
	37	1	4L-6459	2	BOLT (3/8-16X2.5 IN)						
	38	1	4L-9337	4	BOLT (3/8-16X1.5 IN)						
	39	1	5P-0048	4	COVER						
	40	1	5P-7468	2	CLIP (SLOT)						
	41	1	5P-7469	2	CLIP (TAB)						
	42	1	5P-8077	4	FLANGE-HALF						
	43	1	5S-7383	2	BOLT (3/8-16X1.75 IN)						
	44	1	6V-1572	2	CLIP (SLOT)						
	45	1	6V-1573	2	CLIP (TAB)						
	46	1	6V-1574	2	GROMMET						
	47	1	6V-1575	4	CLIP (SLOT)						
	48	1	6V-1576	4	CLIP (TAB)						
	49	1	6V-1577	2	GROMMET						
	50	1	6V-1877	2	GROMMET						
	51	1	6V-8188	1	NUT (1/2-13 THD)						
	52	1	7S-3912	1	CLIP (TAB)						
	53	1	7S-3913	1	CLIP (SLOT)						
	54	1	7X-0290	2	BOLT (3/8-16X3.50 IN)						
	55	1	7X-0326	8	BOLT (1/2-13X3 IN)						
	56	1	8C-4436	3	BOLT (1/2-13X1.375 IN)						
	57	1	8T-2502	2	BOLT (3/8-16X1.125 IN)						
	58	1	8T-4122	8	WASHER-HARD (17X32X3.5MM THK)						
	59	1	8T-4223	63	WASHER-HARD (13.5X25.5X3MM THK)						
	60	1	8T-4835	40	BOLT (1/2-13X2 IN)						
	61	1	8T-4896	14	WASHER-HARD (10.2X18.5X2.5MM THK)						
	62	1	8T-6871	8	BOLT (5/8-11X2.50 IN)						
	63	1	8T-7529	1	CLIP						
	64	1	8T-8917	7	BOLT (1/2-13X1.25 IN)						
	65	1	8T-8919	4	BOLT (1/2-13X1.75 IN)						
	66	1	8T-9396	8	BOLT (5/8-11X3.25 IN)						
I	67	1	9W-3287	1	HOSE AS						
	68	1	9W-8064	2	PLATE						
	69	1	9W-8717	1	TEE						

C-CHANGE FROM PREVIOUS TYPE

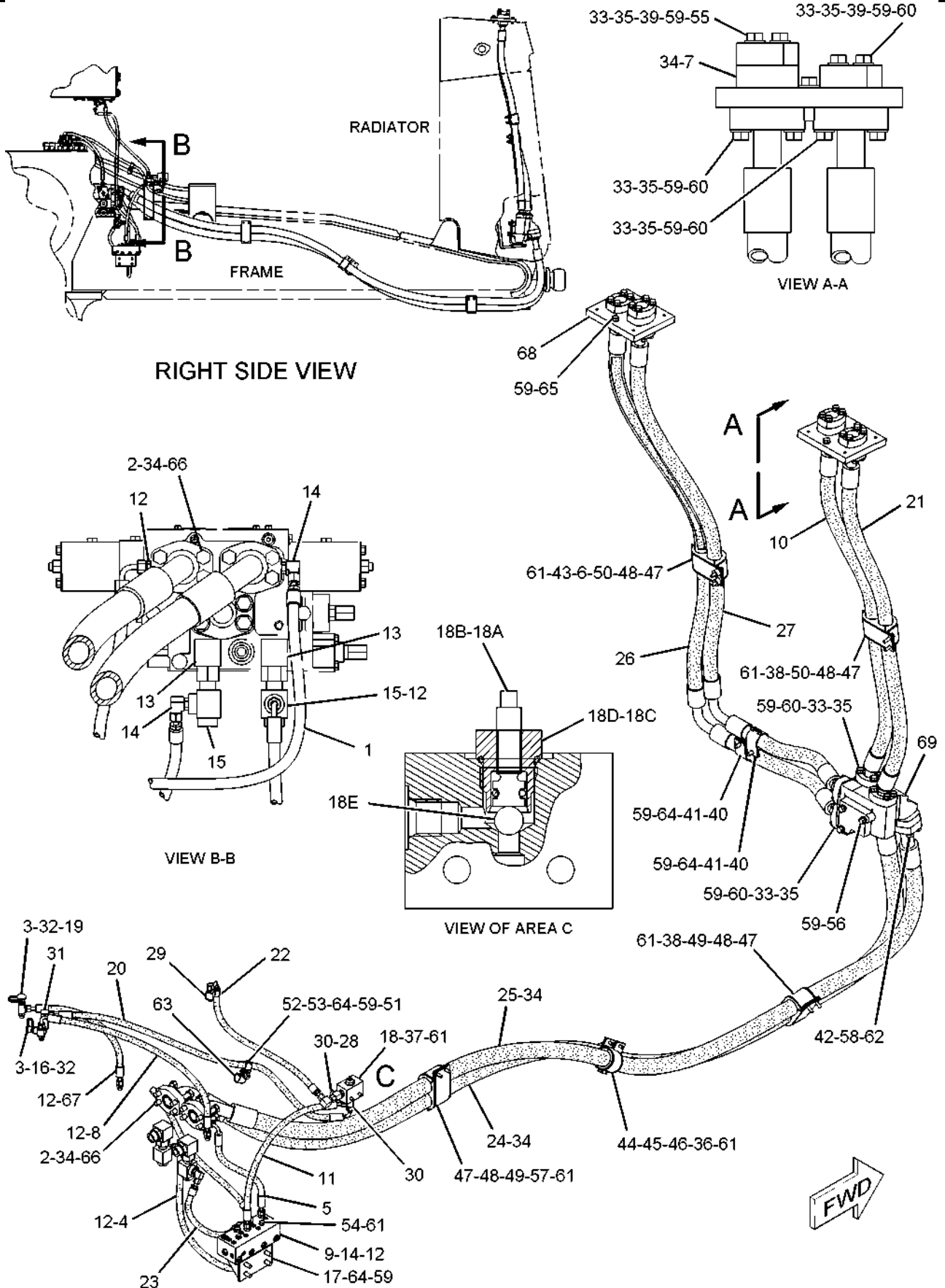
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

131-2101 LINES GP-LIFT CYLINDER (contd.)

i01988905



GRAPHIC #1

<END>

g01014842

HYDRAULIC SYSTEM

141-8657 LINES GP-PIN PULLER CYLINDER

S/N: 7PZ1-UP

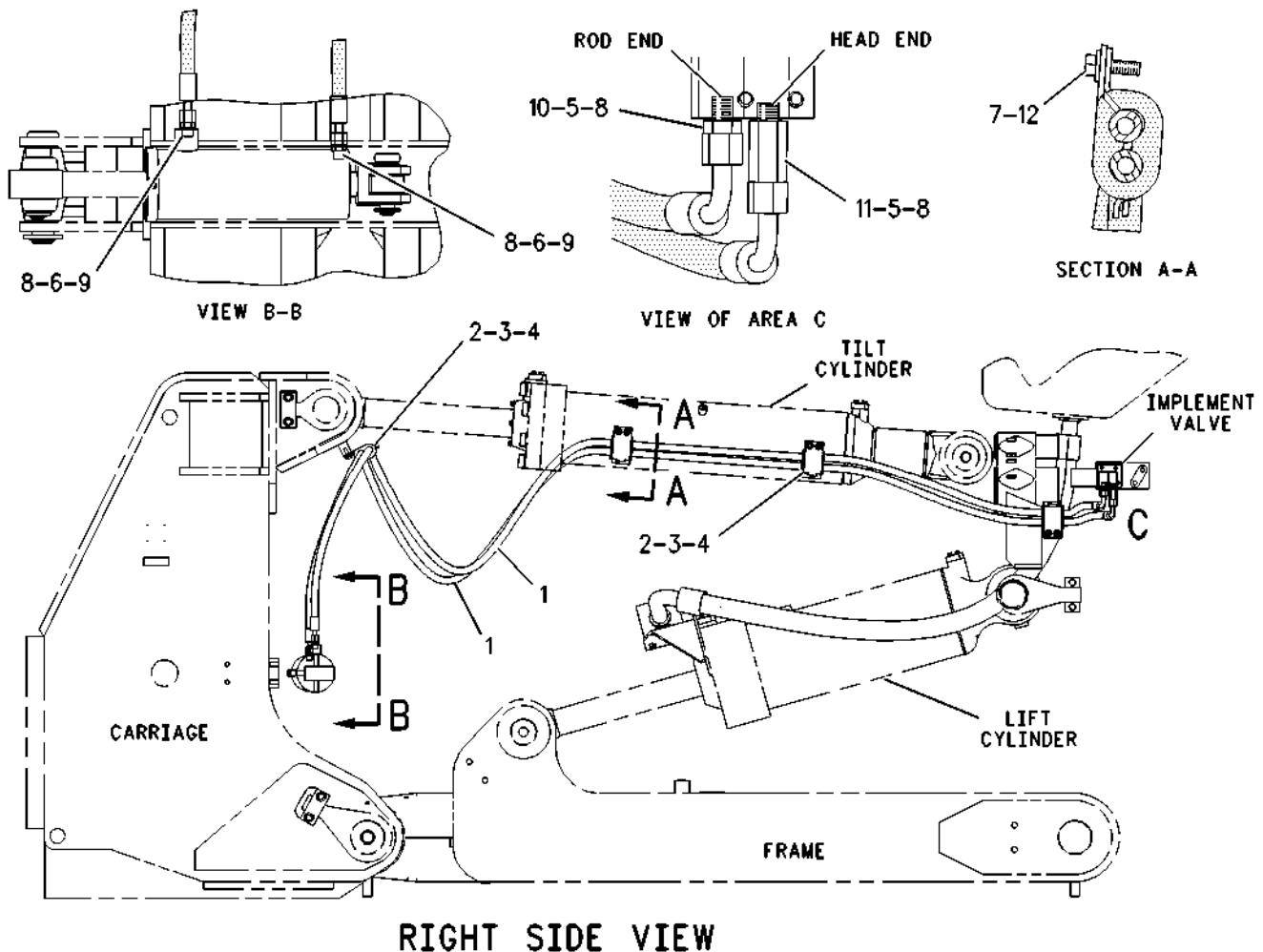
PART OF 130-5356 PULLER AR-PIN
AN ATTACHMENT

SMCS-5057, 5354

i01707401

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	141-7213	2	HOSE AS						
	2	1	3G-8047	4	GROMMET						
	3	1	3G-8054	4	CLIP (TAB)						
	4	1	3G-8057	4	CLIP (SLOT)						
	5	1	3J-1907	2	SEAL-O-RING						
	6	1	3K-0360	2	SEAL-O-RING						
	7	1	5P-1075	8	WASHER-HARD (10.2X22.5X3MM THK)						
	8	1	6V-8398	4	SEAL-O-RING						
	9	1	6V-8639	2	CONNECTOR						
	10	1	6V-9873	1	CONNECTOR-SEAL						
	11	1	8T-5050	1	CONNECTOR						
	12	1	9B-7237	8	BOLT (3/8-16X1.25 IN)						

I-SEE HOSE FABRICATION GUIDE



GRAPHIC #1

<END>

g00363492

HYDRAULIC SYSTEM

149-4922 LINES GP-PIN PULLER CYLINDER

S/N: 7YP1-UP

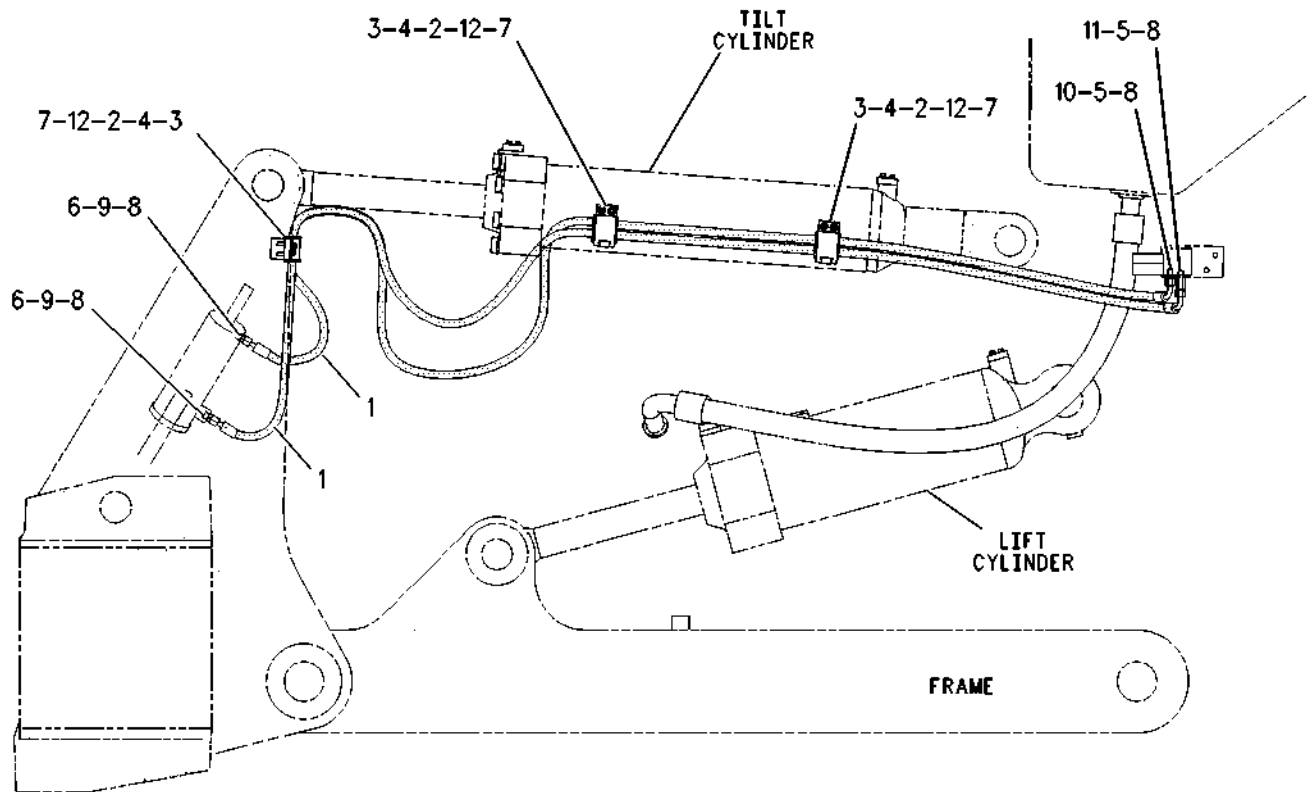
PART OF 149-4919 RIPPER AR
AN ATTACHMENT

SMCS-5057, 5354

i01988906

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	152-5505	2	HOSE AS						
	2	1	3G-8047	3	GROMMET						
	3	1	3G-8054	3	CLIP (TAB)						
	4	1	3G-8057	3	CLIP (SLOT)						
	5	1	3J-1907	2	SEAL-O-RING						
	6	1	3K-0360	2	SEAL-O-RING						
	7	1	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)						
	8	1	6V-8398	4	SEAL-O-RING						
	9	1	6V-8639	2	CONNECTOR						
	10	1	6V-9873	1	CONNECTOR						
	11	1	8T-5050	1	CONNECTOR						
	12	1	9B-7237	6	BOLT (3/8-16X1.25 IN)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00576521

HYDRAULIC SYSTEM

163-0814 LINES GP-PIN PULLER CYLINDER

S/N: 7ZP1-UP

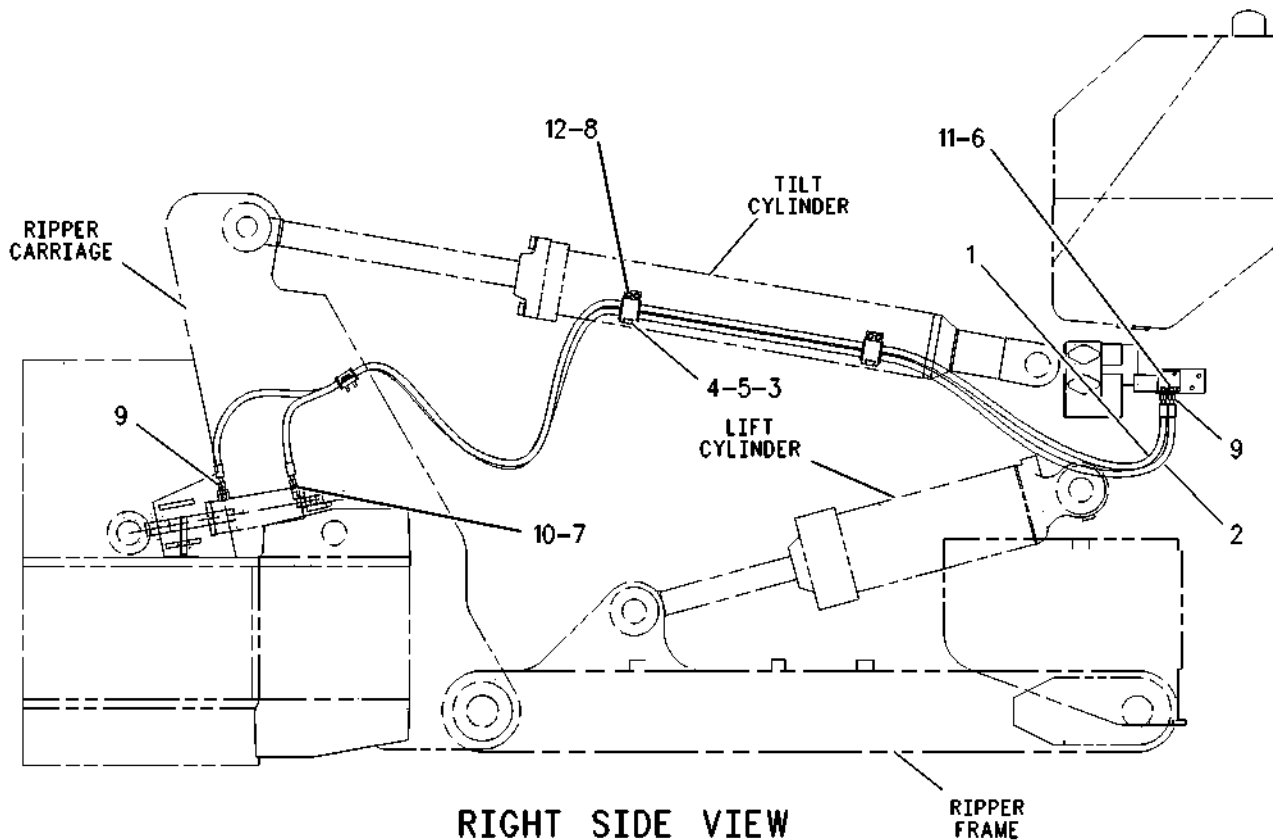
PART OF 163-0813 PULLER AR-PIN
AN ATTACHMENT

SMCS-5057, 5354

i01988907

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	163-0826	1	HOSE AS						
I	2	1	163-0827	1	HOSE AS						
	3	1	3G-8047	3	GROMMET						
	4	1	3G-8054	3	CLIP (TAB)						
	5	1	3G-8057	3	CLIP (SLOT)						
	6	1	3J-1907	2	SEAL-O-RING						
	7	1	3K-0360	2	SEAL-O-RING						
	8	1	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)						
	9	1	6V-8398	4	SEAL-O-RING						
	10	1	6V-8639	2	CONNECTOR						
	11	1	6V-9873	2	CONNECTOR						
	12	1	9B-7237	6	BOLT (3/8-16X1.25 IN)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM



GRAPHIC #1

<END>

g00519486

HYDRAULIC SYSTEM

173-1553 LINES GP-PUMP

S/N: 7PZ1-564

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5057

i01988933

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	6V-0852	1	CAP-DUST	
	2	1,2	6V-3965	3	FITTING (QUICK DISCONNECT)	
	3	1,2	7G-8839	5	SPACER (13.5X57X6MM THK)	
	4	1,2	7T-8331	4	MOUNTING	
	5	1	7V-8532	1	SPACER	
	6	1	8C-3451	2	CAP-DUST	
	7	1	8D-0983	2	MOUNTING	
	8	1	8D-7185	2	WASHER (11.9X38.1X3MM THK)	
	9	2	8T-3491	1	ELBOW	
I	10	1	8W-0225	1	HOSE AS	
I	11	1	9R-1183	1	HOSE AS	
Y	12	1	9T-3096	1	VALVE GP-CHECK (HYDRAULIC OIL FILTER)	864
I	13	1	9U-8509	1	HOSE AS	
	14	1	9W-1651	1	PLATE AS	
		1	8G-0863	1	BLOCK	
	15	1	9W-1653	1	BRACKET	
	16	1	9W-1654	1	PLATE AS	
	17	1	9X-2614	2	CONNECTOR	
	18	2	9X-8402	1	CLIP	
Y	19	2	113-1050	1	ACCUMULATOR GP-HYDRAULIC (PILOT OIL)	648
I	20	1	130-9456	1	HOSE AS	
I	21	1	130-9457	1	HOSE AS	
Y	22	2	133-1281	1	FILTER GP-OIL	725
I	23	1	136-4224	1	HOSE AS	
	24	1	137-6497	1	PLATE AS	
		1	8D-3508	2	BOSS (3/8-16X1 IN THD)	
	25	1	8T-9389	1	BOLT (1/2-13X2.75 IN)	
I	26	1	141-9610	1	HOSE AS	
	27	2	143-7707	1	PLATE AS	
	28	1	148-8330	1	CONNECTOR AS	
		1	5K-9090	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
		1	8T-0198	1	CONNECTOR	
	29	1	148-8336	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8636	1	CONNECTOR	
	30	2	148-8345	1	CONNECTOR GP	
		2	2M-9780	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8638	1	CONNECTOR	
	31	1	148-8353	1	ELBOW GP	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9001	1	ELBOW	
	32	1	148-8363	1	ELBOW GP	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9876	1	ELBOW	
	33	1	148-8367	1	ELBOW GP	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-9850	1	ELBOW (SWIVEL)	
	34	2	148-8370	1	ELBOW GP	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-9851	1	ELBOW	

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

i01988933

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	35	1,2	148-8378	5	ELBOW AS	
					(EACH INCLUDES)	
		1,2	3J-1907	1	SEAL-O-RING	
		1,2	6V-8397	1	SEAL-O-RING	
		1,2	6V-8724	1	ELBOW	
	36	1	148-8435	1	TEE AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	2	SEAL-O-RING	
		1	6V-8781	1	TEE-FACE SEAL	
	37	2	148-8443	1	TEE GP	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	7X-2459	1	TEE-O-RING	
	38	2	149-1333	1	TEE	
I	39	2	149-7153	1	HOSE AS	
	40	2	6V-0683	1	GROMMET	
	41	1	150-3065	1	ADAPTER GP	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-0484	1	ADAPTER-O-RING	
Y	42	1	152-8340	1	VALVE GP-SOLENOID (24 VOLT)	909
	43	2	153-6253	1	TEE AS	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8397	2	SEAL-O-RING	
		2	081-5604	1	TEE-STRAIGHT BRANCH	
	44	1	154-6165	1	VALVE-CHECK	
	45	2	9B-7237	5	BOLT (3/8-16X1.25 IN)	
I	46	1	154-8544	1	HOSE AS	
Y	47	1	155-6061	1	FILTER GP-OIL (BRAKE ACTUATION)	726
	48	2	155-9587	1	TUBE AS	
	49	1	156-7389	1	BRACKET AS	
I	50	2	156-9628	1	HOSE AS	
I	51	1	157-5549	1	HOSE AS	
I	52	2	157-5551	1	HOSE AS	
	53	1	157-5555	1	PLATE	
	54	1	157-5558	1	MANIFOLD	
	55	2	158-8902	1	BRACKET AS	
		2	1F-0750	1	NUT-WELD (3/8-16THD)	
I	56	1	173-6115	1	HOSE AS	
I	57	1	173-6117	1	HOSE AS	
I	58	1	173-6733	1	HOSE AS	
I	59	1	175-3581	1	HOSE AS	
	60	2	131-8201	2	CLIP (SLOT)	
	61	2	131-8202	2	CLIP (TAB)	
	62	1	148-8318	1	CONNECTOR GP	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8634	1	CONNECTOR	
	63	2	148-8433	1	TEE GP	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-9836	1	TEE-SWIVEL	
	64	2	150-3028	1	ELBOW AS	
		2	3D-2824	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-9343	1	ELBOW	
	65	1,2	1P-3705	6	SEAL-RECTANGULAR	
	66	1,2	1P-4578	8	FLANGE-HALF	
	67	2	1P-4585	2	FLANGE-HALF	
	68	2	1S-0996	1	CLIP	
	69	1	2H-6338	2	SEAL-O-RING	

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

i01988933

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	70	2	2P-8421	1	ADAPTER-O-RING	
	71	1,2	3D-2824	5	SEAL-O-RING	
	72	1,2	3J-1907	7	SEAL-O-RING	
	73	1	3K-0360	1	SEAL-O-RING	
	74	1,2	4J-0522	5	SEAL-O-RING	
	75	1,2	4L-6454	6	BOLT (3/8-16X1 IN)	
	76	2	4L-9337	2	BOLT (3/8-16X1.5 IN)	
	77	2	5K-9090	1	SEAL-O-RING	
	78	1	5P-0049	1	COVER	
	79	1,2	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)	
	80	2	5P-2424	3	BOLT (1/2-13X2.25 IN)	
	81	1	5P-6944	1	ADAPTER	
	82	2	5P-7464	2	CLIP (SLOT)	
	83	2	5P-7465	2	CLIP (TAB)	
	84	1,2	5P-8077	8	FLANGE-HALF	
	85	1,2	5S-7379	5	BOLT (3/8-16X0.875 IN)	
	86	2	8T-2502	4	BOLT (3/8-16X1.125 IN)	
	87	2	9S-4191	1	PLUG	
	88	2	6V-1722	1	ADAPTER-O-RING	
	89	2	6V-8188	2	NUT (1/2-13 THD)	
	90	1	6V-8260	1	SEAL-O-RING	
	91	1,2	6V-8397	4	SEAL-O-RING	
	92	1	6V-8398	1	SEAL-O-RING	
	93	2	7S-3912	2	CLIP (TAB)	
	94	2	7S-3913	2	CLIP (SLOT)	
	95	1	7T-9745	1	MANIFOLD-VALVE	
	96	2	7X-0290	4	BOLT (3/8-16X3.50 IN)	
	97	1	7X-0308	4	BOLT (7/16-14X1.375 IN)	
	98	1	5P-7463	1	CLIP (TAB)	
	99	1	7X-0313	4	BOLT (7/16-14X2.75 IN)	
	100	2	7X-0346	4	BOLT (5/8-11X2 IN)	
	101	2	7X-0362	4	BOLT (5/8-11X7 IN)	
	102	2	7X-0448	2	NUT (5/8-11 THD)	
	103	2	8C-4436	2	BOLT (1/2-13X1.375 IN)	
	104	1	8F-6437	2	WASHER (13.5X50.8X4.76MM THK)	
	105	1	8J-8197	1	CLIP	
	106	1	8T-2501	4	BOLT (3/8-16X2 IN)	
	107	1,2	8T-4121	12	WASHER-HARD (11X21X2.5MM THK)	
	108	1,2	8T-4122	22	WASHER-HARD (17X32X3.5MM THK)	
M	109	1	8T-4137	4	BOLT (M10X1.5X20MM)	
M	110	2	8T-4196	8	BOLT (M10X1.5X35MM)	
	111	1,2	8T-4223	13	WASHER-HARD (13.5X25.5X3MM THK)	
	112	1,2	8T-4896	24	WASHER-HARD (10.2X18.5X2.5MM THK)	
	113	1	8T-5360	8	WASHER (12X22.5X2.5MM THK)	
	114	2	8T-6684	1	ELBOW	
	115	1,2	8T-6871	12	BOLT (5/8-11X2.50 IN)	
	116	2	8T-8917	7	BOLT (1/2-13X1.25 IN)	
	117	1	8T-8919	2	BOLT (1/2-13X1.75 IN)	
	118	2	141-9607	1	PLATE AS	
	119	2	1F-0750	4	NUT-WELD (3/8-16THD)	
		2	5H-9394	1	BOSS (3/8-16X1.0 IN)	
	121	1	154-8080	1	PLATE AS	
	122	1	1F-0750	2	NUT-WELD (3/8-16THD)	
	123	1	1F-0748	2	NUT-WELD (1/2-13 THD)	
	124	1	6T-9387	1	PLATE AS	
		1	6J-1323	1	LUG (1/2-13 THD)	
	125	1	6J-4313	1	LUG (71.5MM LG)	
	126	1	5P-7462	1	CLIP (SLOT)	

HYDRAULIC SYSTEM

173-1553 **LINES GP - PUMP** (contd.)

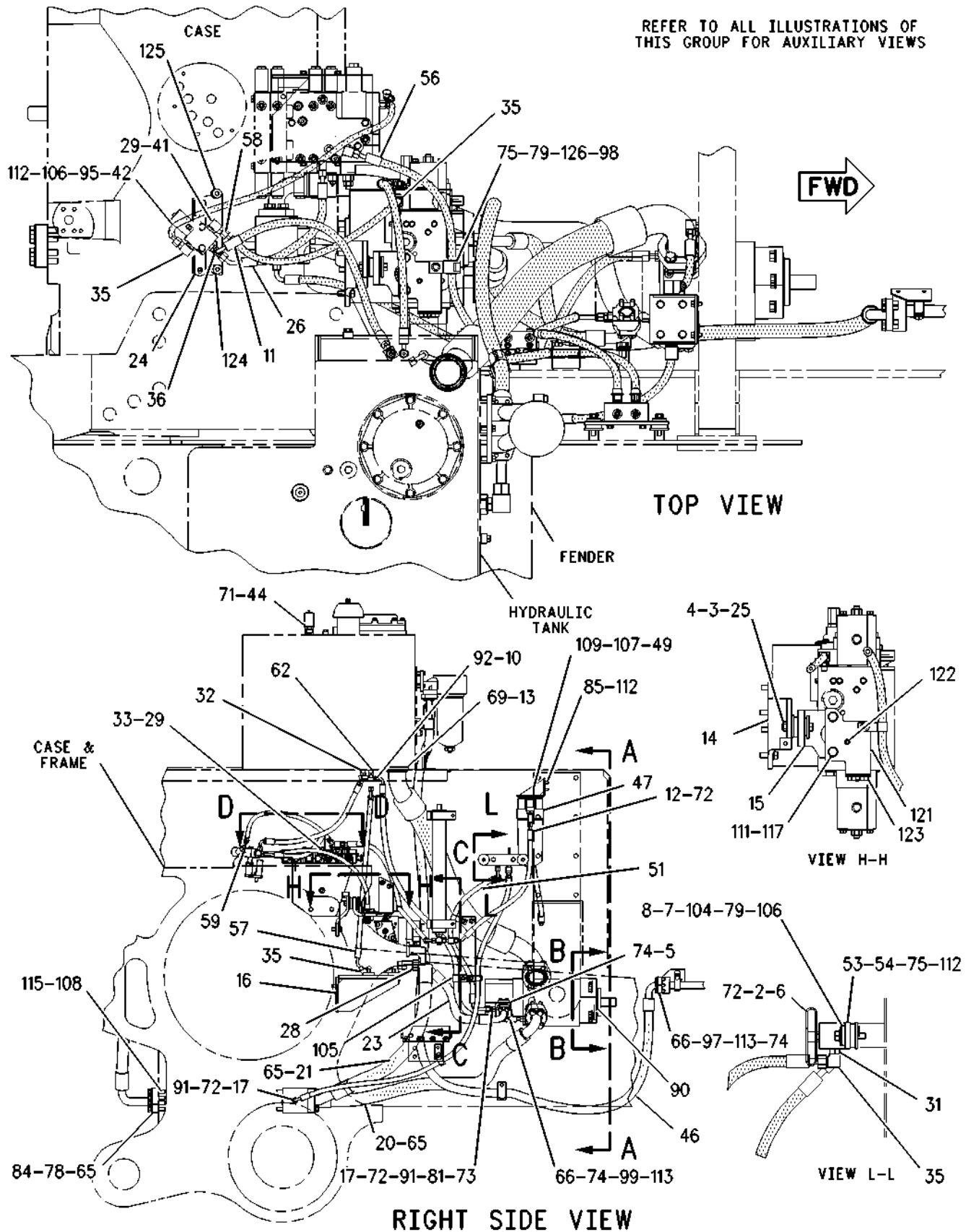
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I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

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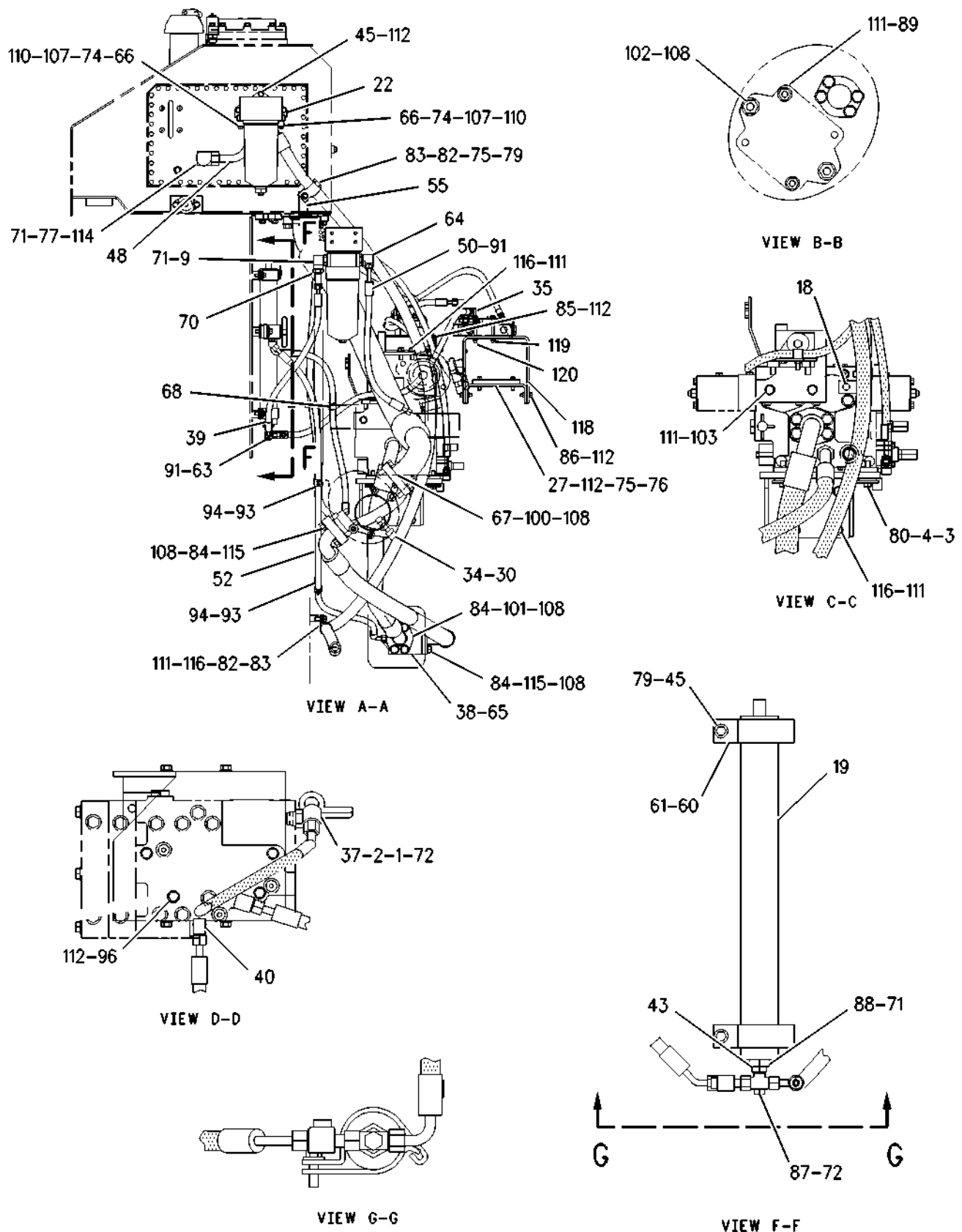
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HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

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GRAPHIC #2

<END>

g00837948

HYDRAULIC SYSTEM

173-1553 LINES GP-PUMP

S/N: 7PZ565-647

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5057

i01988913

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	6V-0852	1	CAP-DUST	
	2	1,2	6V-3965	3	FITTING (QUICK DISCONNECT) (IMPLEMENT PUMP)	
	3	1,2	7G-8839	5	SPACER (13.5X57X6MM THK)	
	4	1,2	7T-8331	4	MOUNTING	
	5	1	7V-8532	1	SPACER	
	6	1	8C-3451	2	CAP-DUST	
	7	1	8D-0983	2	MOUNTING	
	8	1	8D-7185	2	WASHER (11.9X38.1X3MM THK)	
	9	2	8T-3491	1	ELBOW	
I	10	1	8W-0225	1	HOSE AS	
I	11	1	9R-1183	1	HOSE AS	
Y	12	1	9T-3096	1	VALVE GP-CHECK (HYDRAULIC OIL FILTER)	864
I	13	1	9U-8509	1	HOSE AS	
	14	1	9W-1651	1	PLATE AS	
		1	8G-0863	1	BLOCK	
	15	1	9W-1653	1	BRACKET	
	16	1	9W-1654	1	PLATE AS	
	17	1	9X-2614	2	CONNECTOR	
	18	2	9X-8402	1	CLIP	
Y	19	2	113-1050	1	ACCUMULATOR GP-HYDRAULIC (PILOT OIL)	648
		2	158-2336	1	VALVE-GAS	
I	20	1	130-9456	1	HOSE AS	
I	21	1	130-9457	1	HOSE AS	
Y	22	2	133-1281	1	FILTER GP-OIL	725
I	23	1	136-4224	1	HOSE AS	
	24	1	137-6497	1	PLATE AS	
		1	8D-3508	2	BOSS (3/8-16X1 IN THD)	
	25	1	8T-9389	1	BOLT (1/2-13X2.75 IN)	
I	26	1	141-9610	1	HOSE AS	
C	27	2	208-4585	1	PLATE AS	
	28	1	148-8330	1	CONNECTOR AS	
		1	5K-9090	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
		1	8T-0198	1	CONNECTOR	
	29	1	148-8336	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8636	1	CONNECTOR	
	30	2	148-8345	1	CONNECTOR GP	
		2	2M-9780	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8638	1	CONNECTOR	
	31	1	148-8353	1	ELBOW GP	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9001	1	ELBOW	
	32	1	148-8363	1	ELBOW GP	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9876	1	ELBOW	
	33	1	148-8367	1	ELBOW GP	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9850	1	ELBOW (SWIVEL)	
	34	2	148-8370	1	ELBOW GP	
		2	6V-8398	1	SEAL-O-RING	

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

i01988913

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		2	6V-9851	1	ELBOW	
	35	1,2	148-8378	5	ELBOW AS	
					(EACH INCLUDES)	
		1,2	3J-1907	1	SEAL-O-RING	
		1,2	6V-8397	1	SEAL-O-RING	
		1,2	6V-8724	1	ELBOW	
	36	1	148-8435	1	TEE AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	2	SEAL-O-RING	
		1	6V-8781	1	TEE-FACE SEAL	
	37	2	148-8443	1	TEE GP	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	7X-2459	1	TEE-O-RING	
	38	2	149-1333	1	TEE	
I	39	2	149-7153	1	HOSE AS	
	40	2	6V-0683	1	GROMMET	
	41	1	150-3065	1	ADAPTER GP	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-0484	1	ADAPTER-O-RING	
Y	42	1	152-8340	1	VALVE GP-SOLENOID (24 VOLT)	909
	43	2	153-6253	1	TEE AS	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8397	2	SEAL-O-RING	
		2	081-5604	1	TEE-STRAIGHT BRANCH	
	44	1	154-6165	1	VALVE-CHECK	
	45	2	9B-7237	5	BOLT (3/8-16X1.25 IN)	
I	46	1	154-8544	1	HOSE AS	
Y	47	1	155-6061	1	FILTER GP-OIL	726
	48	2	155-9587	1	TUBE AS	
	49	1	156-7389	1	BRACKET AS	
I	50	2	156-9628	1	HOSE AS	
I	51	1	157-5549	1	HOSE AS	
I	52	2	157-5551	1	HOSE AS	
	53	1	157-5555	1	PLATE	
	54	1	157-5558	1	MANIFOLD	
	55	2	158-8902	1	BRACKET AS	
		2	1F-0750	1	NUT-WELD (3/8-16THD)	
I	56	1	173-6115	1	HOSE AS	
I	57	1	173-6117	1	HOSE AS	
I	58	1	173-6733	1	HOSE AS	
I	59	1	175-3581	1	HOSE AS	
	60	2	131-8201	2	CLIP (SLOT)	
	61	2	131-8202	2	CLIP (TAB)	
	62	1	148-8318	1	CONNECTOR GP	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8634	1	CONNECTOR	
	63	2	148-8433	1	TEE GP	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-9836	1	TEE-SWIVEL	
	64	2	150-3028	1	ELBOW AS	
		2	3D-2824	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-9343	1	ELBOW	
	65	1,2	1P-3705	6	SEAL-RECTANGULAR	
	66	1,2	1P-4578	8	FLANGE-HALF	
	67	2	1P-4585	2	FLANGE-HALF	
	68	2	1S-0996	1	CLIP	

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

i01988913

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	69	1	2H-6338	2	SEAL-O-RING	
	70	2	2P-8421	1	ADAPTER-O-RING	
	71	1,2	3D-2824	5	SEAL-O-RING	
	72	1,2	3J-1907	7	SEAL-O-RING	
	73	1	3K-0360	1	SEAL-O-RING	
	74	1,2	4J-0522	5	SEAL-O-RING	
	75	1,2	4L-6454	8	BOLT (3/8-16X1 IN)	
	77	2	5K-9090	1	SEAL-O-RING	
	78	1	5P-0049	1	COVER	
	79	1,2	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)	
	80	2	5P-2424	3	BOLT (1/2-13X2.25 IN)	
	81	1	5P-6944	1	ADAPTER	
	82	2	5P-7464	2	CLIP (SLOT)	
	83	2	5P-7465	2	CLIP (TAB)	
	84	1,2	5P-8077	8	FLANGE-HALF	
	85	1,2	5S-7379	5	BOLT (3/8-16X0.875 IN)	
	86	2	8T-2502	4	BOLT (3/8-16X1.125 IN)	
	87	2	9S-4191	1	PLUG	
	88	2	6V-1722	1	ADAPTER-O-RING	
	89	2	6V-8188	2	NUT (1/2-13 THD)	
	90	1	6V-8260	1	SEAL-O-RING	
	91	1,2	6V-8397	4	SEAL-O-RING	
	92	1	6V-8398	1	SEAL-O-RING	
	93	2	7S-3912	2	CLIP (TAB)	
	94	2	7S-3913	2	CLIP (SLOT)	
	95	1	7T-9745	1	MANIFOLD-VALVE	
	96	2	7X-0290	4	BOLT (3/8-16X3.50 IN)	
	97	1	7X-0308	4	BOLT (7/16-14X1.375 IN)	
	98	1	5P-7463	1	CLIP (TAB)	
	99	1	7X-0313	4	BOLT (7/16-14X2.75 IN)	
	100	2	7X-0346	4	BOLT (5/8-11X2 IN)	
	101	2	7X-0362	4	BOLT (5/8-11X7 IN)	
	102	2	7X-0448	2	NUT (5/8-11 THD)	
	103	2	8C-4436	2	BOLT (1/2-13X1.375 IN)	
	104	1	8F-6437	2	WASHER (13.5X50.8X4.76MM THK)	
	105	1	8J-8197	1	CLIP	
	106	1	8T-2501	4	BOLT (3/8-16X2 IN)	
	107	1,2	8T-4121	12	WASHER-HARD (11X21X2.5MM THK)	
	108	1,2	8T-4122	22	WASHER-HARD (17X32X3.5MM THK)	
M	109	1	8T-4137	4	BOLT (M10X1.5X20MM)	
M	110	2	8T-4196	8	BOLT (M10X1.5X35MM)	
	111	1,2	8T-4223	13	WASHER-HARD (13.5X25.5X3MM THK)	
	112	1,2	8T-4896	24	WASHER-HARD (10.2X18.5X2.5MM THK)	
	113	1	8T-5360	8	WASHER (12X22.5X2.5MM THK)	
	114	2	8T-6684	1	ELBOW	
	115	1,2	8T-6871	12	BOLT (5/8-11X2.50 IN)	
	116	2	8T-8917	7	BOLT (1/2-13X1.25 IN)	
	117	1	8T-8919	2	BOLT (1/2-13X1.75 IN)	
	118	2	141-9607	1	PLATE AS	
	119	2	1F-0750	4	NUT-WELD (3/8-16THD)	
	120	2	5H-9394	1	BOSS (3/8-16X1.0 IN)	
	121	1	154-8080	1	PLATE AS	
	122	1	1F-0750	2	NUT-WELD (3/8-16THD)	
	123	1	1F-0748	2	NUT-WELD (1/2-13 THD)	
	124	1	6T-9387	1	PLATE AS	
		1	6J-1323	1	LUG (1/2-13 THD)	
	125	1	6J-4313	1	LUG (71.5MM LG)	
	126	1	5P-7462	1	CLIP (SLOT)	

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

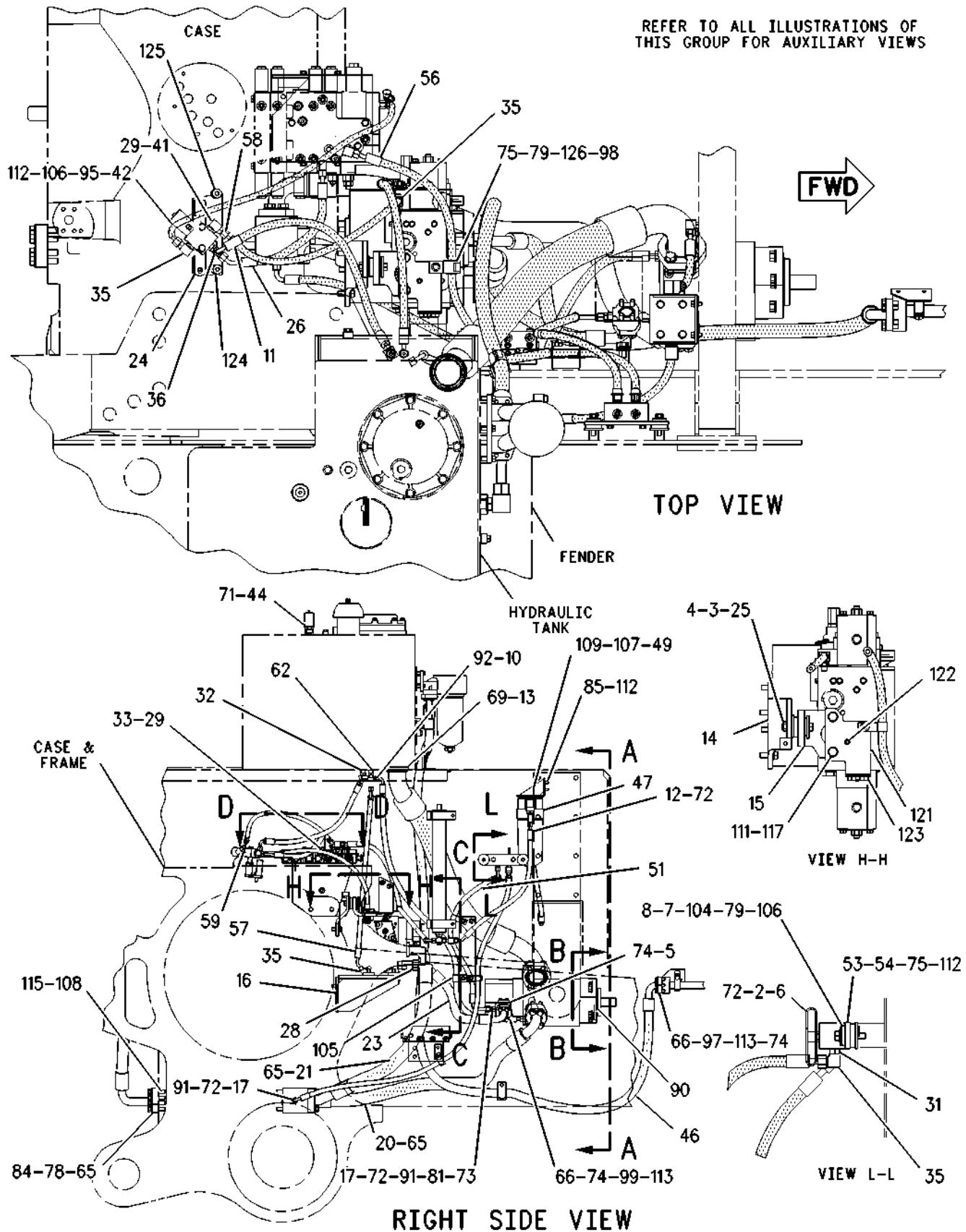
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C- CHANGE FROM PREVIOUS TYPE
I- REFER TO HYDRAULIC INFORMATION SYSTEM
M- METRIC PART
Y- SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

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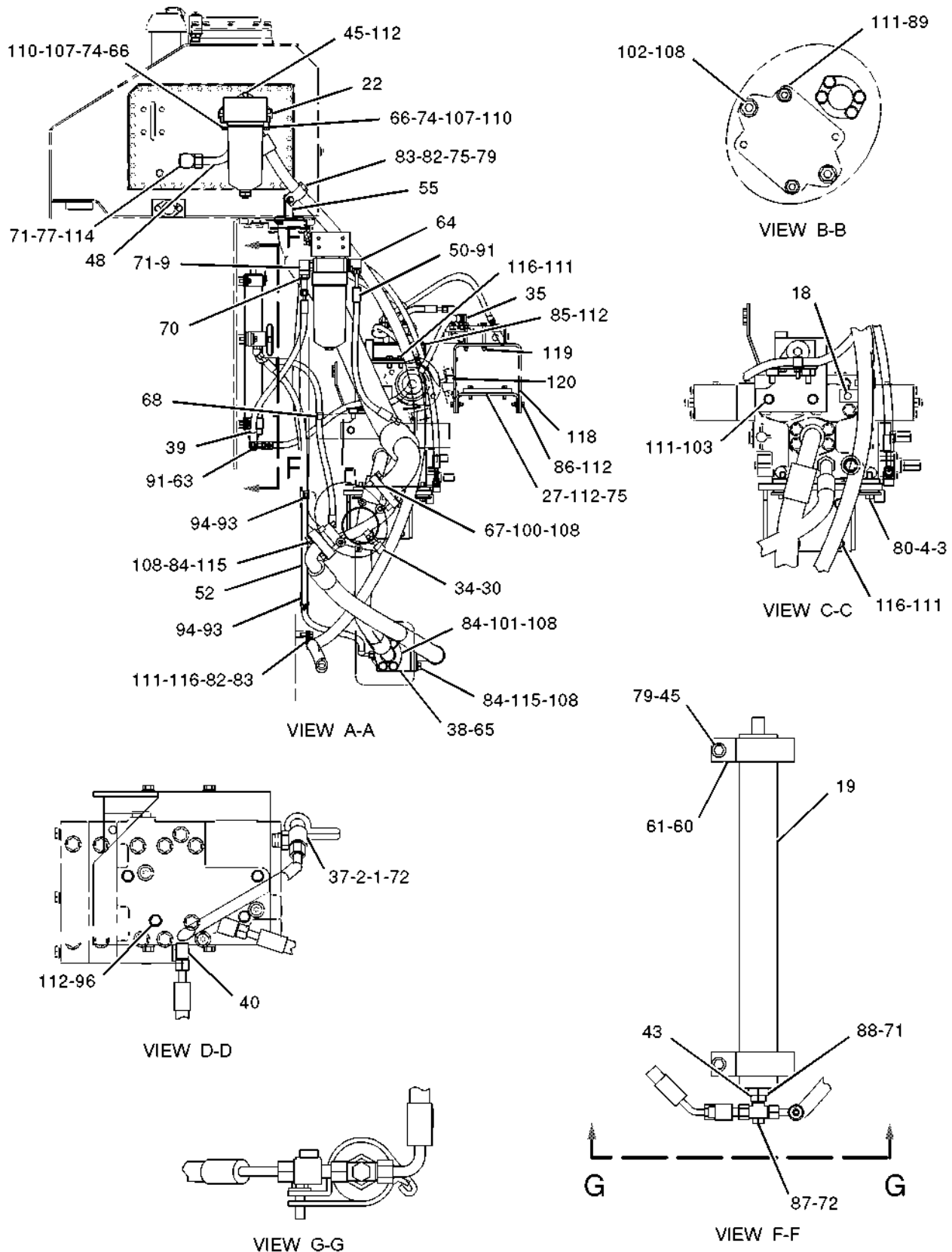
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g00773696

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

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GRAPHIC #2

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HYDRAULIC SYSTEM

173-1553 LINES GP-PUMP

S/N: 7PZ648-659, 661-664

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5057

i01988911

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1,2	6V-0852	3	CAP-DUST	
	2	1,2	6V-3965	3	FITTING (QUICK DISCONNECT) (IMPLEMENT PUMP)	
	3	1,2	7G-8839	5	SPACER (13.5X57X6MM THK)	
	4	1,2	7T-8331	4	MOUNTING	
	5	2	7V-8532	1	SPACER	
	6	2	8D-0983	2	MOUNTING	
	7	2	8D-7185	2	WASHER (11.9X38.1X3MM THK)	
I	8	1	8W-0225	1	HOSE AS	
Y	9	2	9T-3096	1	VALVE GP-CHECK (HYDRAULIC OIL FILTER)	864
	10	1	9W-1651	1	PLATE AS	
	11	1	9W-1653	1	BRACKET	
	12	1	9W-1654	1	PLATE AS	
	13	1,2	9X-2614	2	CONNECTOR	
	14	1	9X-8402	1	CLIP	
Y	15	1	113-1050	1	ACCUMULATOR GP-HYDRAULIC (PILOT OIL)	648
I	16	1	130-9456	1	HOSE AS	
I	17	1	130-9457	1	HOSE AS	
Y	18	1	133-1281	1	FILTER GP-OIL (HYDRAULIC)	725
	19	2	137-6497	1	PLATE AS	
	20	2	141-9607	1	PLATE AS	
I	21	2	141-9610	1	HOSE AS	
	22	1	148-8330	1	CONNECTOR AS	
		1	5K-9090	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
		1	8T-0198	1	CONNECTOR	
	23	1	148-8345	1	CONNECTOR GP	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8638	1	CONNECTOR	
	24	2	148-8353	1	ELBOW GP	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-9001	1	ELBOW	
	25	1	148-8370	1	ELBOW GP	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-9851	1	ELBOW	
	26	1,2	148-8378	5	ELBOW AS	
					(EACH INCLUDES)	
		1,2	3J-1907	1	SEAL-O-RING	
		1,2	6V-8397	1	SEAL-O-RING	
		1,2	6V-8724	1	ELBOW	
	27	2	148-8435	1	TEE AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-8781	1	TEE-FACE SEAL	
	28	1	148-8443	1	TEE GP	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	7X-2459	1	TEE-O-RING	
	29	1	149-1333	1	TEE	
I	30	2	149-7153	1	HOSE AS	
	31	2	150-3065	1	ADAPTER GP	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-0484	1	ADAPTER-O-RING	
Y	32	2	152-8340	1	VALVE GP-SOLENOID (24 VOLT)	909
	33	1	154-6165	1	VALVE-CHECK	

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

i01988911

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	34	1	154-8080	1	PLATE AS	
I	35	1	154-8544	1	HOSE AS	
Y	36	1	155-6061	1	FILTER GP-OIL (HYDRAULIC)	726
	37	2	155-9587	1	TUBE AS	
	38	1	156-7389	1	BRACKET AS	
I	39	1	156-9628	1	HOSE AS	
I	40	1	157-5551	1	HOSE AS	
	41	2	157-5555	1	PLATE	
	42	2	157-5558	1	MANIFOLD	
	43	1	158-8902	1	BRACKET AS	
		1	1F-0750	1	NUT-WELD (3/8-16THD)	
	44	2	167-1795	1	ELBOW AS	
		2	3D-2824	1	SEAL-O-RING	
		2	8T-3491	1	ELBOW	
I	45	1	173-6117	1	HOSE AS	
I	46	2	173-6733	1	HOSE AS	
I	47	1	175-3581	1	HOSE AS	
	48	2	208-4585	1	PLATE AS	
I	49	1	218-2830	1	HOSE AS	
	50	1	221-0293	1	HOSE AS	
C	51	1	228-7430	1	HOSE AS	
C	52	1	228-7431	1	HOSE AS	
C	53	1	228-7432	1	HOSE AS	
	54	1	131-8201	2	CLIP (SLOT)	
	55	1	131-8202	2	CLIP (TAB)	
	56	2	148-8313	1	ADAPTER GP	
		2	3K-0360	1	SEAL-O-RING	
		2	5P-6944		ADAPTER	
	57	1	148-8318	2	CONNECTOR GP	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8634	1	CONNECTOR	
	58	1,2	148-8336	2	CONNECTOR AS (EACH INCLUDES)	
		1,2	3J-1907	1	SEAL-O-RING	
		1,2	6V-8397	1	SEAL-O-RING	
		1,2	6V-8636	1	CONNECTOR	
	59	2	148-8362	1	ELBOW GP	
		2	3D-2824	1	SEAL-O-RING	
		2	5K-9090	1	SEAL-O-RING	
		2	8T-6684	1	ELBOW	
	60	1	148-8367	1	ELBOW GP	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9850	1	ELBOW (SWIVEL)	
	61	1,2	148-8433	2	TEE GP	
		1,2	6V-8397	2	SEAL-O-RING	
		1,2	6V-9836	1	TEE-SWIVEL	
	62	1	150-3028	1	ELBOW AS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9343	1	ELBOW	
C	63	1	155-7321	1	ADAPTER GP	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-1722	1	ADAPTER-O-RING	
	64	1,2	1P-3705	6	SEAL-RECTANGULAR	
	65	1,2	1P-4578	8	FLANGE-HALF	
	66	1	1P-4578	2	FLANGE-HALF	
	67	2	1S-0996	1	CLIP	
C	68	1	206-5121	1	TEE AS	

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

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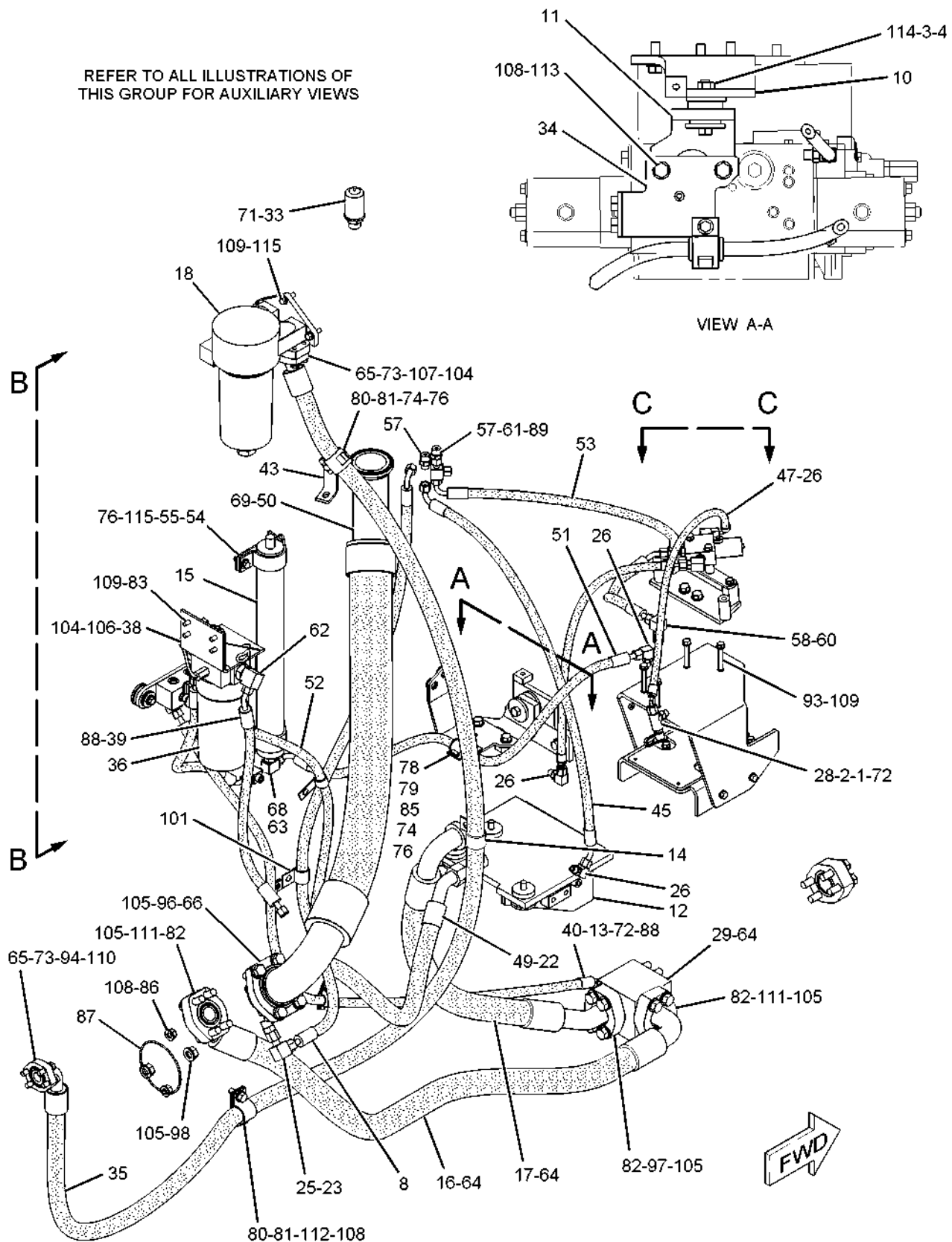
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8397	2	SEAL-O-RING						
		1	206-5119	1	TEE						
	69	1	2H-6338	2	SEAL-O-RING						
	70	2	2P-8421	1	ADAPTER-O-RING						
	71	1	3D-2824	1	SEAL-O-RING						
C	72	1,2	3J-1907	6	SEAL-O-RING						
	73	1,2	4J-0522	5	SEAL-O-RING						
	74	1,2	4L-6454	8	BOLT (3/8-16X1 IN)						
	75	2	5P-0049	1	COVER						
	76	1,2	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)						
	77	2	5P-2424	3	BOLT (1/2-13X2.25 IN)						
	78	1	5P-7462	1	CLIP (SLOT)						
	79	1	5P-7463	1	CLIP (TAB)						
	80	1	5P-7464	2	CLIP (SLOT)						
	81	1	5P-7465	2	CLIP (TAB)						
	82	1,2	5P-8077	8	FLANGE-HALF						
	83	1,2	5S-7379	5	BOLT (3/8-16X0.875 IN)						
	84	2	6T-9387	1	PLATE AS						
	85	1	6V-0683	1	GROMMET						
	86	1	6V-8188	2	NUT (1/2-13 THD)						
	87	1	6V-8260	1	SEAL-O-RING						
	88	1,2	6V-8397	4	SEAL-O-RING						
	89	1	6V-9829	1	CAP AS						
	90	2	7S-3912	2	CLIP (TAB)						
	91	2	7S-3913	2	CLIP (SLOT)						
	92	2	7T-9745	1	MANIFOLD-VALVE						
	93	1	7X-0290	4	BOLT (3/8-16X3.50 IN)						
	94	1	7X-0308	4	BOLT (7/16-14X1.375 IN)						
	95	2	7X-0313	4	BOLT (7/16-14X2.75 IN)						
	96	1	7X-0346	4	BOLT (5/8-11X2 IN)						
	97	1	7X-0362	4	BOLT (5/8-11X7 IN)						
	98	1	7X-0448	2	NUT (5/8-11 THD)						
	99	2	8C-4436	2	BOLT (1/2-13X1.375 IN)						
	100	2	8F-6437	2	WASHER (13.5X50.8X4.76MM THK)						
	101	1	8J-8197	1	CLIP						
	102	2	8T-2501	4	BOLT (3/8-16X2 IN)						
	103	2	8T-2502	4	BOLT (3/8-16X1.125 IN)						
	104	1	8T-4121	12	WASHER-HARD (11X21X2.5MM THK)						
	105	1,2	8T-4122	22	WASHER-HARD (17X32X3.5MM THK)						
M	106	1	8T-4137	4	BOLT (M10X1.5X20MM)						
M	107	1	8T-4196	8	BOLT (M10X1.5X35MM)						
	108	1,2	8T-4223	13	WASHER-HARD (13.5X25.5X3MM THK)						
	109	1,2	8T-4896	24	WASHER-HARD (10.2X18.5X2.5MM THK)						
	110	1,2	8T-5360	8	WASHER (12X22.5X2.5MM THK)						
	111	1,2	8T-6871	12	BOLT (5/8-11X2.50 IN)						
	112	1,2	8T-8917	7	BOLT (1/2-13X1.25 IN)						
	113	1	8T-8919	2	BOLT (1/2-13X1.75 IN)						
	114	1	8T-9389	1	BOLT (1/2-13X2.75 IN)						
	115	1	9B-7237	5	BOLT (3/8-16X1.25 IN)						

C-CHANGE FROM PREVIOUS TYPE
I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

173-1553 LINES GP-PUMP (contd.)

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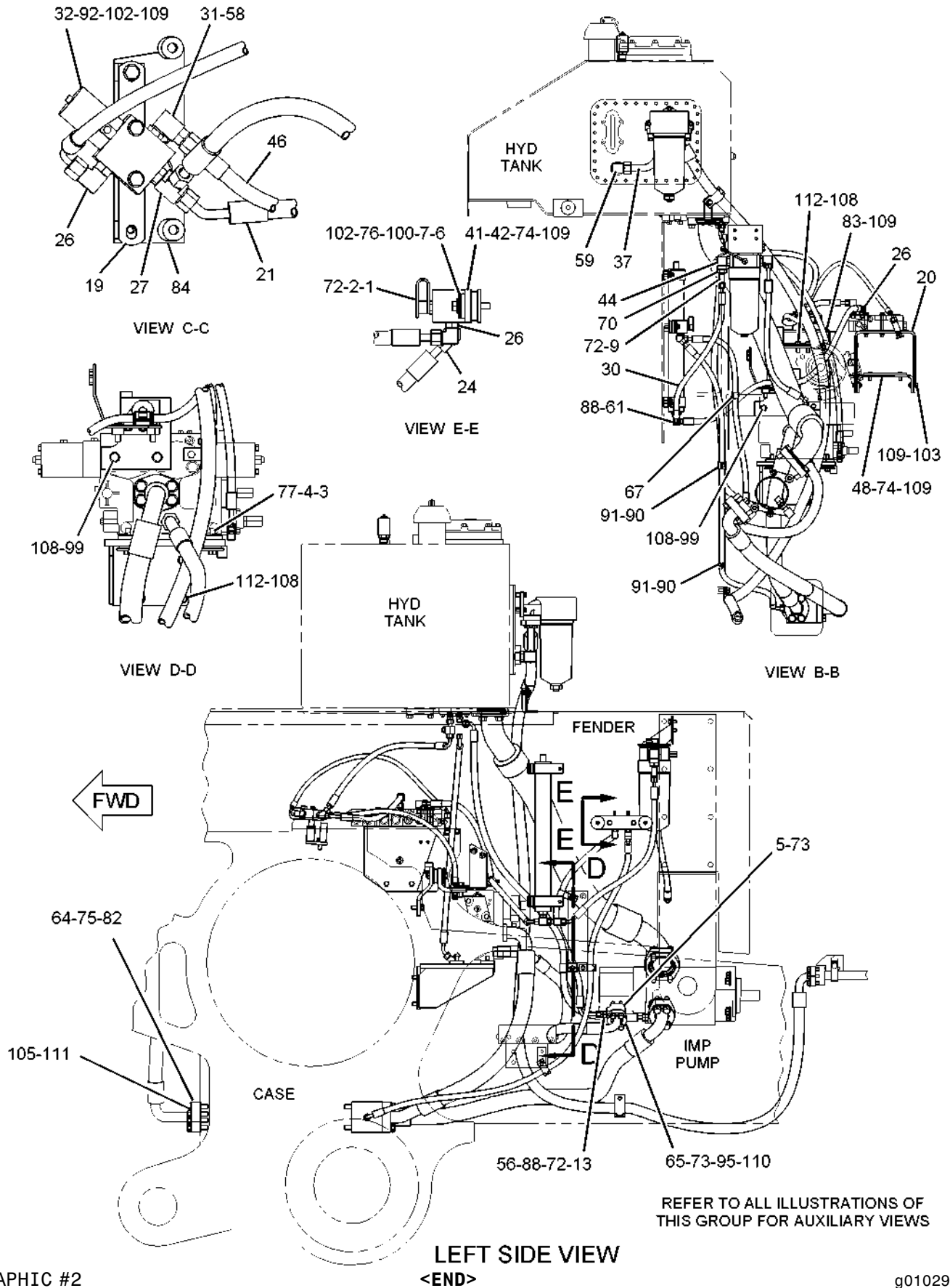
GRAPHIC #1

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HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

i01988911



GRAPHIC #2

g01029149

HYDRAULIC SYSTEM

173-1553 LINES GP-PUMP

S/N: 7PZ660-664

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5057

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NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	113-1050	1	ACCUMULATOR GP-HYDRAULIC (PILOT OIL)						648
Y	133-1281	1	FILTER GP-OIL (HYDRAULIC)						725
Y	155-6061	1	FILTER GP-OIL (HYDRAULIC)						726
CY	221-3406	2	SENSOR GP-PRESSURE						345
Y	9T-3096	1	VALVE GP-CHECK (HYDRAULIC OIL FILTER)						864
Y	152-8340	1	VALVE GP-SOLENOID (24-VOLT)						909
	135-2755	1	ADAPTER						
	150-3065	1	ADAPTER GP						
	3J-1907	1	SEAL-O-RING						
	6V-0484	1	ADAPTER-O-RING						
	148-8313	1	ADAPTER GP						
	3K-0360	1	SEAL-O-RING						
	5P-6944		ADAPTER						
	155-7321	1	ADAPTER GP						
	3D-2824	1	SEAL-O-RING						
	6V-1722	1	ADAPTER-O-RING						
	2P-8421	1	ADAPTER-O-RING						
C	4L-6454	6	BOLT (3/8-16X1-IN)						
	5P-2424	3	BOLT (1/2-13X2.25-IN)						
	5S-7379	5	BOLT (3/8-16X0.875-IN)						
	7X-0290	4	BOLT (3/8-16X3.50-IN)						
	7X-0308	4	BOLT (7/16-14X1.375-IN)						
	7X-0313	4	BOLT (7/16-14X2.75-IN)						
	7X-0346	4	BOLT (5/8-11X2-IN)						
	7X-0362	4	BOLT (5/8-11X7-IN)						
	8C-4436	2	BOLT (1/2-13X1.375-IN)						
C	8T-2501	2	BOLT (3/8-16X2-IN)						
	8T-2502	4	BOLT (3/8-16X1.125-IN)						
M	8T-4137	4	BOLT (M10X1.5X20-MM)						
M	8T-4196	8	BOLT (M10X1.5X35-MM)						
	8T-6871	12	BOLT (5/8-11X2.50-IN)						
	8T-8917	7	BOLT (1/2-13X1.25-IN)						
	8T-8919	2	BOLT (1/2-13X1.75-IN)						
	8T-9389	1	BOLT (1/2-13X2.75-IN)						
	9B-7237	5	BOLT (3/8-16X1.25-IN)						
	9W-1653	1	BRACKET						
	156-7389	1	BRACKET AS						
	158-8902	1	BRACKET AS						
	1F-0750	1	NUT-WELD (3/8-16-THD)						
	6V-9829	1	CAP AS						
C	6V-0852	2	CAP-DUST						
	9X-8402	1	CLIP						
	131-8201	2	CLIP (SLOT)						
	131-8202	2	CLIP (TAB)						
	5P-7462	1	CLIP (SLOT)						
	5P-7463	1	CLIP (TAB)						
	5P-7464	2	CLIP (SLOT)						
	5P-7465	2	CLIP (TAB)						
	8J-8197	1	CLIP						
C	6V-8636	1	CONNECTOR						
C	9X-2614	1	CONNECTOR						
	148-8330	1	CONNECTOR AS						
	5K-9090	1	SEAL-O-RING						
	7M-8485	1	SEAL-O-RING						
	8T-0198	1	CONNECTOR						

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

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NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	148-8336	2	CONNECTOR AS						
			(EACH INCLUDES)						
	3J-1907	1	SEAL-O-RING						
	6V-8397	1	SEAL-O-RING						
	6V-8636	1	CONNECTOR						
	148-8345	1	CONNECTOR GP						
	2M-9780	1	SEAL-O-RING						
	6V-8398	1	SEAL-O-RING						
	6V-8638	1	CONNECTOR						
	148-8318	1	CONNECTOR GP						
	3K-0360	1	SEAL-O-RING						
	6V-8397	1	SEAL-O-RING						
	6V-8634	1	CONNECTOR						
	5P-0049	1	COVER						
C	148-8378	4	ELBOW AS						
			(EACH INCLUDES)						
	3J-1907	1	SEAL-O-RING						
	6V-8397	1	SEAL-O-RING						
	6V-8724	1	ELBOW						
	167-1795	1	ELBOW AS						
	3D-2824	1	SEAL-O-RING						
	8T-3491	1	ELBOW						
	150-3028	1	ELBOW AS						
	3D-2824	1	SEAL-O-RING						
	6V-8397	1	SEAL-O-RING						
	6V-9343	1	ELBOW						
	148-8370	1	ELBOW GP						
	6V-8398	1	SEAL-O-RING						
	6V-9851	1	ELBOW						
	148-8362	1	ELBOW GP						
	3D-2824	1	SEAL-O-RING						
	5K-9090	1	SEAL-O-RING						
	8T-6684	1	ELBOW						
	148-8367	1	ELBOW GP						
	6V-8397	1	SEAL-O-RING						
	6V-9850	1	ELBOW (SWIVEL)						
C	6V-3965	2	FITTING (QUICK DISCONNECT) (IMPLEMENT PUMP)						
C	126-0814	1	FITTING AS						
	1P-4578	8	FLANGE-HALF						
	5P-8077	8	FLANGE-HALF						
	6V-0683	1	GROMMET						
I	8W-0225	1	HOSE AS						
I	130-9456	1	HOSE AS						
I	130-9457	1	HOSE AS						
I	141-9610	1	HOSE AS						
I	149-7153	1	HOSE AS						
I	154-8544	1	HOSE AS						
I	156-9628	1	HOSE AS						
I	173-6117	1	HOSE AS						
I	173-6733	1	HOSE AS						
I	175-3581	1	HOSE AS						
I	218-2830	1	HOSE AS						
	221-0293	1	HOSE AS						
	228-7430	1	HOSE AS						
	228-7432	1	HOSE AS						
	7T-9745	1	MANIFOLD-VALVE						
	7T-8331	4	MOUNTING						
	6V-8188	2	NUT (1/2-13-THD)						
	7X-0448	2	NUT (5/8-11-THD)						

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

i01925773

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	9W-1651	1	PLATE AS						
	9W-1654	1	PLATE AS						
	137-6497	1	PLATE AS						
	141-9607	1	PLATE AS						
	154-8080	1	PLATE AS						
	208-4585	1	PLATE AS						
	6T-9387	1	PLATE AS						
C	9S-4191	1	PLUG						
C	3J-1907	8	SEAL-O-RING						
	2H-6338	2	SEAL-O-RING						
	3D-2824	1	SEAL-O-RING						
	4J-0522	4	SEAL-O-RING						
	6V-8260	1	SEAL-O-RING						
C	6V-8397	5	SEAL-O-RING						
	1P-3705	6	SEAL-RECTANGULAR						
	7G-8839	5	SPACER (13.5X57X6-MM THK)						
	149-1333	1	TEE						
C	123-2511	1	TEE						
	148-8452	1	TEE AS						
	148-8435	1	TEE AS						
	3J-1907	1	SEAL-O-RING						
	6V-8397	2	SEAL-O-RING						
	6V-8781	1	TEE-FACE SEAL						
	206-5121	1	TEE AS						
	3K-0360	1	SEAL-O-RING						
	6V-8397	2	SEAL-O-RING						
	206-5119	1	TEE						
	148-8443	3	TEE GP						
			(EACH INCLUDES)						
	3J-1907	1	SEAL-O-RING						
	6V-8397	1	SEAL-O-RING						
	7X-2459	1	TEE-O-RING						
	148-8433	2	TEE GP						
			(EACH INCLUDES)						
	6V-8397	2	SEAL-O-RING						
	6V-9836	1	TEE-SWIVEL						
	155-9587	1	TUBE AS						
	154-6165	1	VALVE-CHECK						
	8T-5360	8	WASHER (12X22.5X2.5-MM THK)						
C	5P-1075	4	WASHER-HARD (10.2X22.5X3-MM THK)						
	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)						
	8T-4122	22	WASHER-HARD (17X32X3.5-MM THK)						
	8T-4223	13	WASHER-HARD (13.5X25.5X3-MM THK)						
C	8T-4896	22	WASHER-HARD (10.2X18.5X2.5-MM THK)						

C-CHANGE FROM PREVIOUS TYPE
I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION

<END>

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP

S/N: 7PZ665-731

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5057

i01925786

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1,2	6V-0852	3	CAP-DUST	
	2	1,2	6V-3965	3	FITTING (QUICK DISCONNECT) (IMPLEMENT PUMP)	
	3	1,2	7G-8839	5	SPACER (13.5X57X6MM THK)	
	4	1,2	7T-8331	4	MOUNTING	
	5	2	7V-8532	1	SPACER	
	6	2	8D-0983	2	MOUNTING	
	7	2	8D-7185	2	WASHER (11.9X38.1X3MM THK)	
I	8	1	8W-0225	1	HOSE AS	
Y	9	2	9T-3096	1	VALVE GP-CHECK (HYDRAULIC OIL FILTER)	864
	10	1	9W-1651	1	PLATE AS	
	11	1	9W-1653	1	BRACKET	
	12	1	9W-1654	1	PLATE AS	
	13	1,2	9X-2614	2	CONNECTOR	
	14	1	9X-8402	1	CLIP	
Y	15	1	113-1050	1	ACCUMULATOR GP-HYDRAULIC (PILOT OIL)	648
I	16	1	130-9456	1	HOSE AS	
I	17	1	130-9457	1	HOSE AS	
Y	18	1	133-1281	1	FILTER GP-OIL (HYDRAULIC)	725
	19	2	137-6497	1	PLATE AS	
	20	2	141-9607	1	PLATE AS	
I	21	2	141-9610	1	HOSE AS	
	22	1	148-8330	1	CONNECTOR AS	
		1	5K-9090	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
		1	8T-0198	1	CONNECTOR	
	23	1	148-8345	1	CONNECTOR GP	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8638	1	CONNECTOR	
	24	2	148-8353	1	ELBOW GP	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-9001	1	ELBOW	
	25	1	148-8370	1	ELBOW GP	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-9851	1	ELBOW	
	26	1,2	148-8378	5	ELBOW AS	
					(EACH INCLUDES)	
		1,2	3J-1907	1	SEAL-O-RING	
		1,2	6V-8397	1	SEAL-O-RING	
		1,2	6V-8724	1	ELBOW	
	27	2	148-8435	1	TEE AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-8781	1	TEE-FACE SEAL	
	28	1	148-8443	1	TEE GP	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	7X-2459	1	TEE-O-RING	
	29	1	149-1333	1	TEE	
I	30	2	149-7153	1	HOSE AS	
	31	2	150-3065	1	ADAPTER GP	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-0484	1	ADAPTER-O-RING	
Y	32	2	152-8340	1	VALVE GP-SOLENOID (24 VOLT)	909
	33	1	154-6165	1	VALVE-CHECK	

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

i01925786

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	34	1	154-8080	1	PLATE AS	
I	35	1	154-8544	1	HOSE AS	
Y	36	1	155-6061	1	FILTER GP-OIL (HYDRAULIC)	726
	37	2	155-9587	1	TUBE AS	
	38	1	156-7389	1	BRACKET AS	
I	39	1	156-9628	1	HOSE AS	
I	40	1	157-5551	1	HOSE AS	
	41	2	157-5555	1	PLATE	
	42	2	157-5558	1	MANIFOLD	
	43	1	158-8902	1	BRACKET AS	
		1	1F-0750	1	NUT-WELD (3/8-16THD)	
	44	2	167-1795	1	ELBOW AS	
		2	3D-2824	1	SEAL-O-RING	
		2	8T-3491	1	ELBOW	
I	45	1	173-6117	1	HOSE AS	
I	46	2	173-6733	1	HOSE AS	
I	47	1	175-3581	1	HOSE AS	
	48	2	208-4585	1	PLATE AS	
I	49	1	218-2830	1	HOSE AS	
	50	1	221-0293	1	HOSE AS	
C	51	1	228-7430	1	HOSE AS	
C	52	1	228-7431	1	HOSE AS	
C	53	1	228-7432	1	HOSE AS	
	54	1	131-8201	2	CLIP (SLOT)	
	55	1	131-8202	2	CLIP (TAB)	
	56	2	148-8313	1	ADAPTER GP	
		2	3K-0360	1	SEAL-O-RING	
		2	5P-6944		ADAPTER	
	57	1	148-8318	2	CONNECTOR GP	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8634	1	CONNECTOR	
	58	1,2	148-8336	2	CONNECTOR AS (EACH INCLUDES)	
		1,2	3J-1907	1	SEAL-O-RING	
		1,2	6V-8397	1	SEAL-O-RING	
		1,2	6V-8636	1	CONNECTOR	
	59	2	148-8362	1	ELBOW GP	
		2	3D-2824	1	SEAL-O-RING	
		2	5K-9090	1	SEAL-O-RING	
		2	8T-6684	1	ELBOW	
	60	1	148-8367	1	ELBOW GP	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9850	1	ELBOW (SWIVEL)	
	61	1,2	148-8433	2	TEE GP	
		1,2	6V-8397	2	SEAL-O-RING	
		1,2	6V-9836	1	TEE-SWIVEL	
	62	1	150-3028	1	ELBOW AS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9343	1	ELBOW	
C	63	1	155-7321	1	ADAPTER GP	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-1722	1	ADAPTER-O-RING	
	64	1,2	1P-3705	6	SEAL-RECTANGULAR	
	65	1,2	1P-4578	8	FLANGE-HALF	
	66	1	1P-4578	2	FLANGE-HALF	
	67	2	1S-0996	1	CLIP	
C	68	1	206-5121	1	TEE AS	

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

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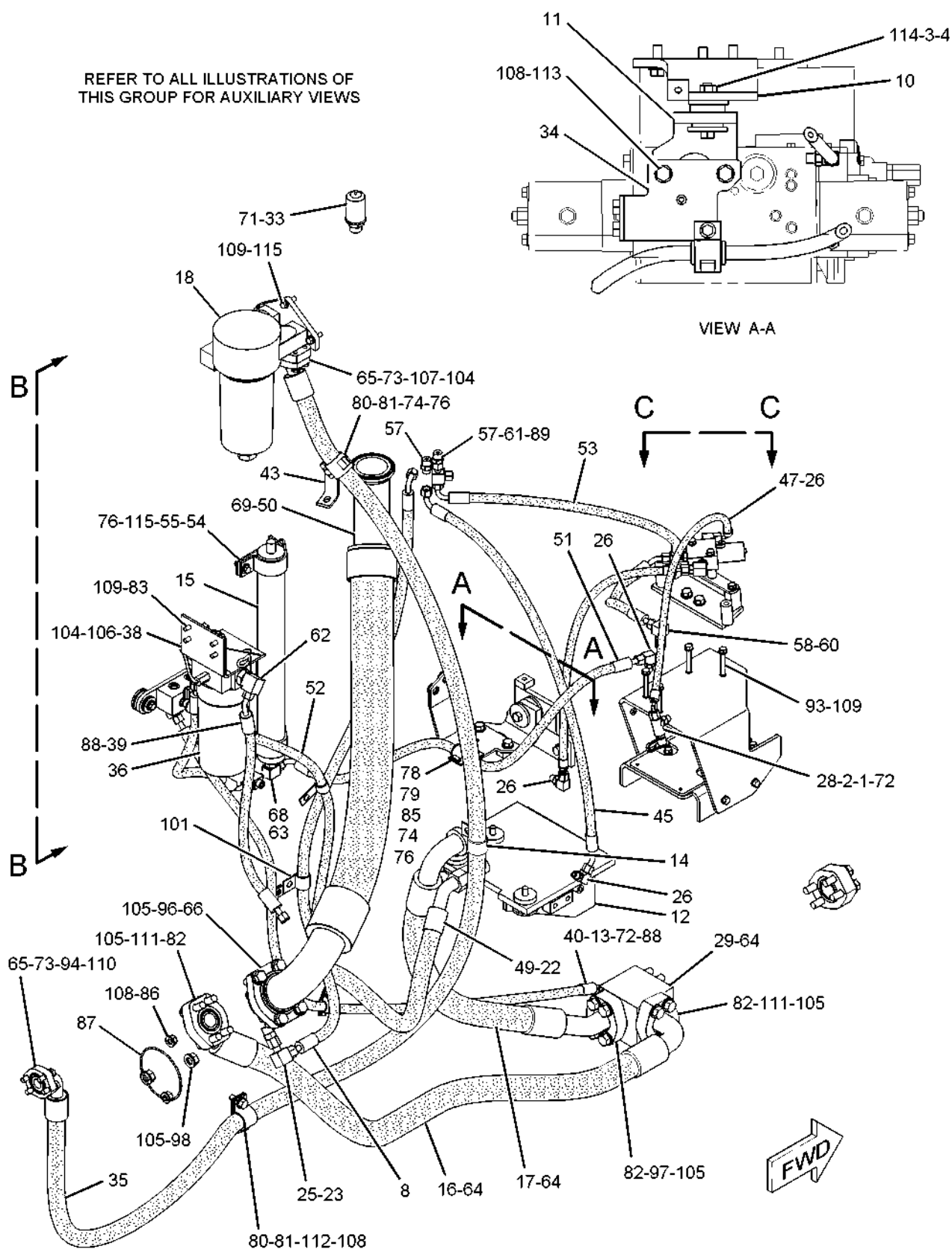
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8397	2	SEAL-O-RING						
		1	206-5119	1	TEE						
	69	1	2H-6338	2	SEAL-O-RING						
	70	2	2P-8421	1	ADAPTER-O-RING						
	71	1	3D-2824	1	SEAL-O-RING						
C	72	1,2	3J-1907	6	SEAL-O-RING						
	73	1,2	4J-0522	5	SEAL-O-RING						
	74	1,2	4L-6454	8	BOLT (3/8-16X1 IN)						
	75	2	5P-0049	1	COVER						
	76	1,2	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)						
	77	2	5P-2424	3	BOLT (1/2-13X2.25 IN)						
	78	1	5P-7462	1	CLIP (SLOT)						
	79	1	5P-7463	1	CLIP (TAB)						
	80	1	5P-7464	2	CLIP (SLOT)						
	81	1	5P-7465	2	CLIP (TAB)						
	82	1,2	5P-8077	8	FLANGE-HALF						
	83	1,2	5S-7379	5	BOLT (3/8-16X0.875 IN)						
	84	2	6T-9387	1	PLATE AS						
	85	1	6V-0683	1	GROMMET						
	86	1	6V-8188	2	NUT (1/2-13 THD)						
	87	1	6V-8260	1	SEAL-O-RING						
	88	1,2	6V-8397	4	SEAL-O-RING						
	89	1	6V-9829	1	CAP AS						
	90	2	7S-3912	2	CLIP (TAB)						
	91	2	7S-3913	2	CLIP (SLOT)						
	92	2	7T-9745	1	MANIFOLD-VALVE						
	93	1	7X-0290	4	BOLT (3/8-16X3.50 IN)						
	94	1	7X-0308	4	BOLT (7/16-14X1.375 IN)						
	95	2	7X-0313	4	BOLT (7/16-14X2.75 IN)						
	96	1	7X-0346	4	BOLT (5/8-11X2 IN)						
	97	1	7X-0362	4	BOLT (5/8-11X7 IN)						
	98	1	7X-0448	2	NUT (5/8-11 THD)						
	99	2	8C-4436	2	BOLT (1/2-13X1.375 IN)						
	100	2	8F-6437	2	WASHER (13.5X50.8X4.76MM THK)						
	101	1	8J-8197	1	CLIP						
	102	2	8T-2501	4	BOLT (3/8-16X2 IN)						
	103	2	8T-2502	4	BOLT (3/8-16X1.125 IN)						
	104	1	8T-4121	12	WASHER-HARD (11X21X2.5MM THK)						
	105	1,2	8T-4122	22	WASHER-HARD (17X32X3.5MM THK)						
M	106	1	8T-4137	4	BOLT (M10X1.5X20MM)						
M	107	1	8T-4196	8	BOLT (M10X1.5X35MM)						
	108	1,2	8T-4223	13	WASHER-HARD (13.5X25.5X3MM THK)						
	109	1,2	8T-4896	24	WASHER-HARD (10.2X18.5X2.5MM THK)						
	110	1,2	8T-5360	8	WASHER (12X22.5X2.5MM THK)						
	111	1,2	8T-6871	12	BOLT (5/8-11X2.50 IN)						
	112	1,2	8T-8917	7	BOLT (1/2-13X1.25 IN)						
	113	1	8T-8919	2	BOLT (1/2-13X1.75 IN)						
	114	1	8T-9389	1	BOLT (1/2-13X2.75 IN)						
	115	1	9B-7237	5	BOLT (3/8-16X1.25 IN)						

C-CHANGE FROM PREVIOUS TYPE
I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

173-1553 LINES GP-PUMP (contd.)

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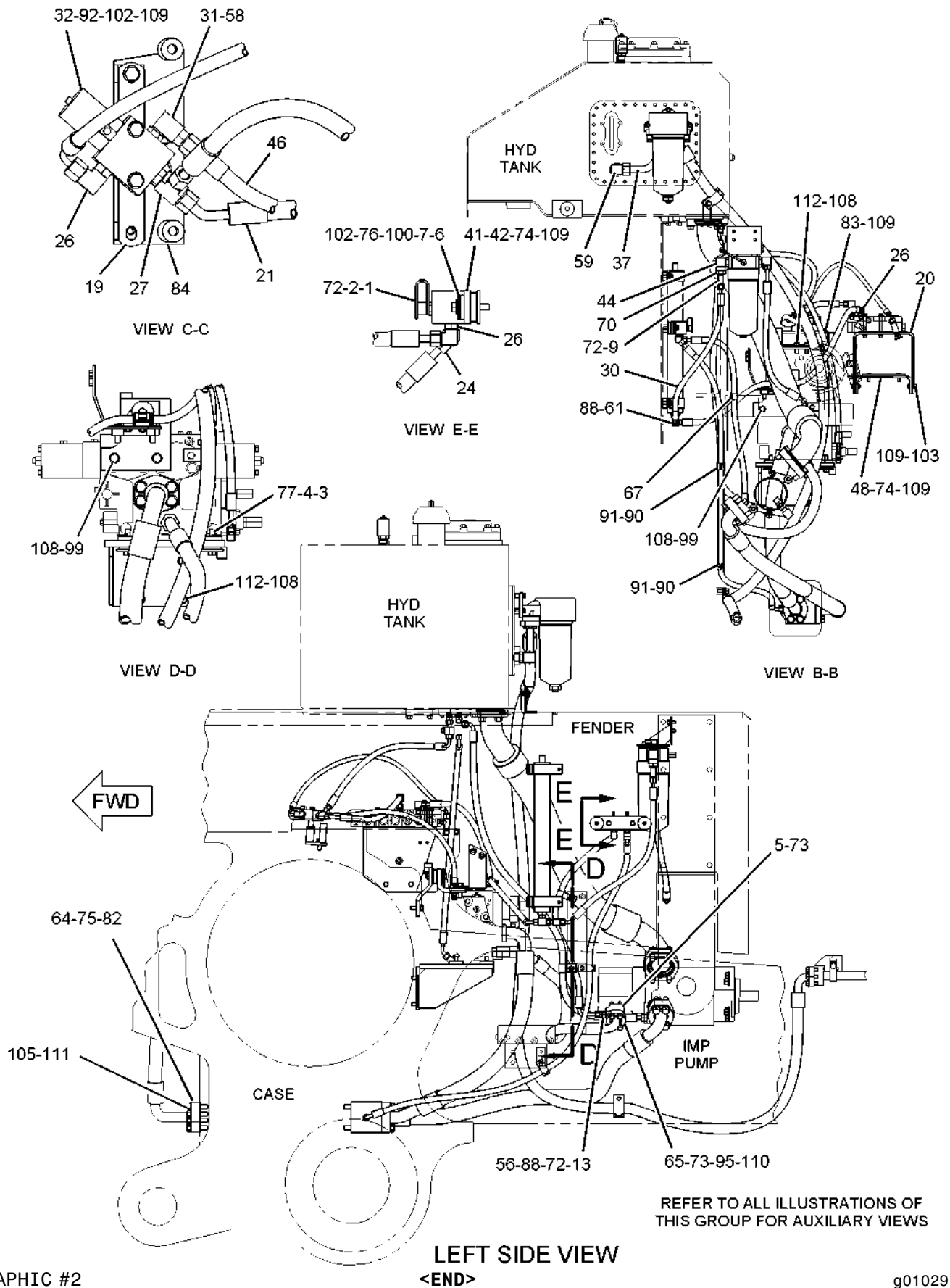
GRAPHIC #1

g01029148

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

101925786



GRAPHIC #2

g01029149

HYDRAULIC SYSTEM

173-1553 LINES GP-PUMP

S/N: 7PZ732-UP

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5057

i02018731

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	2	6V-0852	1	CAP-DUST	
C	2	2	6V-3965	1	FITTING (QUICK DISCONNECT)	
	3	1,2	7G-8839	5	SPACER (13.5X57X6-MM THK)	
	4	1,2	7T-8331	4	MOUNTING	
I	5	2	8W-0225	1	HOSE AS	
Y	6	1	9T-3096	1	VALVE GP-CHECK (HYDRAULIC OIL FILTER)	864
	7	2	9W-1651	1	PLATE AS	
	8	2	9W-1653	1	BRACKET	
	9	1	9W-1654	1	PLATE AS	
	10	2	9X-8402	1	CLIP	
Y	11	2	113-1050	1	ACCUMULATOR GP-HYDRAULIC (PILOT OIL)	648
C	12	1	126-0814	2	FITTING AS	
					(EACH INCLUDES)	
		1	6V-0852	1	CAP-DUST	
I	13	2	130-9456	1	HOSE AS	
I	14	2	130-9457	1	HOSE AS	
Y	15	2	133-1281	1	FILTER GP-OIL (TRANSMISSION)	725
C	16	2	135-2755	1	ADAPTER	
	17	2	137-6497	1	PLATE AS	
	18	2	141-9607	1	PLATE AS	
I	19	2	141-9610	1	HOSE AS	
	20	2	148-8330	1	CONNECTOR AS	
		2	5K-9090	1	SEAL-O-RING	
		2	7M-8485	1	SEAL-O-RING	
		2	8T-0198	1	CONNECTOR	
	21	2	148-8345	1	CONNECTOR GP	
		2	2M-9780	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8638	1	CONNECTOR	
	22	2	148-8370	1	ELBOW GP	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-9851	1	ELBOW	
C	23	2	148-8378	4	ELBOW AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8724	1	ELBOW	
	24	2	148-8435	1	TEE AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-8781	1	TEE-FACE SEAL	
	25	2	148-8443	3	TEE GP	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	7X-2459	1	TEE-O-RING	
	26	2	149-1333	1	TEE	
I	27	2	149-7153	1	HOSE AS	
	28	2	150-3065	1	ADAPTER GP	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-0484	1	ADAPTER-O-RING	
Y	29	2	152-8340	1	VALVE GP-SOLENOID (24-VOLT)	909
	30	2	154-6165	1	VALVE-CHECK (HYDRAULIC TANK RELIEF)	
	31	2	154-8080	1	PLATE AS	
I	32	2	154-8544	1	HOSE AS	
Y	33	1	155-6061	1	FILTER GP-OIL (PILOT SUPPLY)	726

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

i02018731

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	34	1	155-9587	1	TUBE AS	
	35	2	156-7389	1	BRACKET AS	
I	36	2	156-9628	1	HOSE AS	
	37	2	158-8902	1	BRACKET AS	
		2	1F-0750	1	NUT-WELD (3/8-16-THD)	
	38	1	167-1795	1	ELBOW AS	
		1	3D-2824	1	SEAL-O-RING	
		1	8T-3491	1	ELBOW	
I	39	2	173-6117	1	HOSE AS	
I	40	2	173-6733	1	HOSE AS	
I	41	2	175-3581	1	HOSE AS	
	42	2	208-4585	1	PLATE AS	
I	43	2	218-2830	1	HOSE AS	
	44	2	221-0293	1	HOSE AS	
	45	2	228-7430	1	HOSE AS	
	46	2	228-7432	1	HOSE AS	
C	47	2	238-4768	1	BRACKET	
	48	2	131-8201	2	CLIP (SLOT)	
	49	2	131-8202	2	CLIP (TAB)	
C	50	2	148-8318	1	CONNECTOR GP	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8634	1	CONNECTOR	
	51	2	148-8336	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8636	1	CONNECTOR	
	52	1	148-8362	1	ELBOW GP	
		1	3D-2824	1	SEAL-O-RING	
		1	5K-9090	1	SEAL-O-RING	
		1	8T-6684	1	ELBOW	
	53	2	148-8367	1	ELBOW GP	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-9850	1	ELBOW (SWIVEL)	
C	54	1	148-8377	2	ELBOW GP	
					(EACH INCLUDES)	
		1	6V-8397	2	SEAL-O-RING	
		1	6V-8980	1	ELBOW	
C	55	1	148-8407	1	PLUG GP	
		1	3J-1907	1	SEAL-O-RING	
		1	9S-4191	1	PLUG	
C	56	2	148-8433	2	TEE GP	
					(EACH INCLUDES)	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-9836	1	TEE-SWIVEL	
C	57	2	148-8452	1	TEE AS	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8398	2	SEAL-O-RING	
		2	8T-2363	1	TEE-UNION	
	58	2	150-3028	1	ELBOW AS	
		2	3D-2824	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-9343	1	ELBOW	
	59	2	155-7321	1	ADAPTER GP	
		2	3D-2824	1	SEAL-O-RING	
		2	6V-1722	1	ADAPTER-O-RING	
	60	2	1P-3705	6	SEAL-RECTANGULAR	
	61	1,2	1P-4578	8	FLANGE-HALF	

HYDRAULIC SYSTEM

173-1553 LINES GP - PUMP (contd.)

i02018731

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	62	2	1P-4585	2	FLANGE - HALF	
	63	2	206-5121	1	TEE AS	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8397	2	SEAL-O-RING	
		2	206-5119	1	TEE	
CI	64	2	238-5471	2	HOSE AS	
	65	2	2H-6338	2	SEAL-O-RING	
	66	1,2	2P-8421	1	ADAPTER-O-RING	
	67	2	3D-2824	1	SEAL-O-RING	
C	68	1,2	3J-1907	2	SEAL-O-RING	
C	69	1,2	4J-0522	4	SEAL-O-RING	
	70	2	4L-6454	8	BOLT (3/8-16X1-IN)	
	71	2	5P-0049	1	COVER	
C	72	2	5P-1075	4	WASHER-HARD (10.2X22.5X3-MM THK)	
	73	1	5P-2424	3	BOLT (1/2-13X2.25-IN)	
	74	2	5P-7462	1	CLIP (SLOT)	
	75	2	5P-7463	1	CLIP (TAB)	
	76	2	5P-7464	2	CLIP (SLOT)	
	77	2	5P-7465	2	CLIP (TAB)	
	78	2	5P-8077	8	FLANGE - HALF	
	79	2	5S-7379	5	BOLT (3/8-16X0.875-IN)	
	80	2	6T-9387	1	PLATE AS	
	81	2	6V-0683	1	GROMMET	
	82	2	6V-8188	2	NUT (1/2-13-THD)	
	83	2	6V-8260	1	SEAL-O-RING	
C	84	1,2	6V-8397	2	SEAL-O-RING	
C	85	2	6V-8398	1	SEAL-O-RING	
C	86	1	6V-9168	2	NUT (11/16-16-THD)	
	87	2	6V-9829	1	CAP AS	
	88	2	7T-9745	1	MANIFOLD-VALVE	
	89	2	7X-0290	4	BOLT (3/8-16X3.50-IN)	
	90	2	7X-0308	4	BOLT (7/16-14X1.375-IN)	
	91	2	7X-0346	4	BOLT (5/8-11X2-IN)	
	92	2	7X-0362	4	BOLT (5/8-11X7-IN)	
	93	2	7X-0448	2	NUT (5/8-11-THD)	
	94	1	8C-4436	2	BOLT (1/2-13X1.375-IN)	
	95	2	8J-8197	1	CLIP	
C	96	2	8T-2501	2	BOLT (3/8-16X2-IN)	
	97	2	8T-2502	4	BOLT (3/8-16X1.125-IN)	
	98	1,2	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)	
	99	2	8T-4122	22	WASHER-HARD (17X32X3.5-MM THK)	
M	100	2	8T-4137	4	BOLT (M10X1.5X20-MM)	
M	101	1,2	8T-4196	8	BOLT (M10X1.5X35-MM)	
	102	1,2	8T-4223	13	WASHER-HARD (13.5X25.5X3-MM THK)	
	103	2	8T-4896	24	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	104	1,2	8T-5360	8	WASHER (12X22.5X2.5-MM THK)	
	105	2	8T-6871	12	BOLT (5/8-11X2.50-IN)	
C	106	1	8T-8916	4	BOLT (7/16-14X1.5-IN)	
	107	1,2	8T-8917	7	BOLT (1/2-13X1.25-IN)	
	108	2	8T-8919	2	BOLT (1/2-13X1.75-IN)	
	109	2	8T-9389	1	BOLT (1/2-13X2.75-IN)	
	110	2	9B-7237	5	BOLT (3/8-16X1.25-IN)	
C	111	1	9X-8268	4	WASHER (17.5X30X3.5-MM THK)	

C-CHANGE FROM PREVIOUS TYPE

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

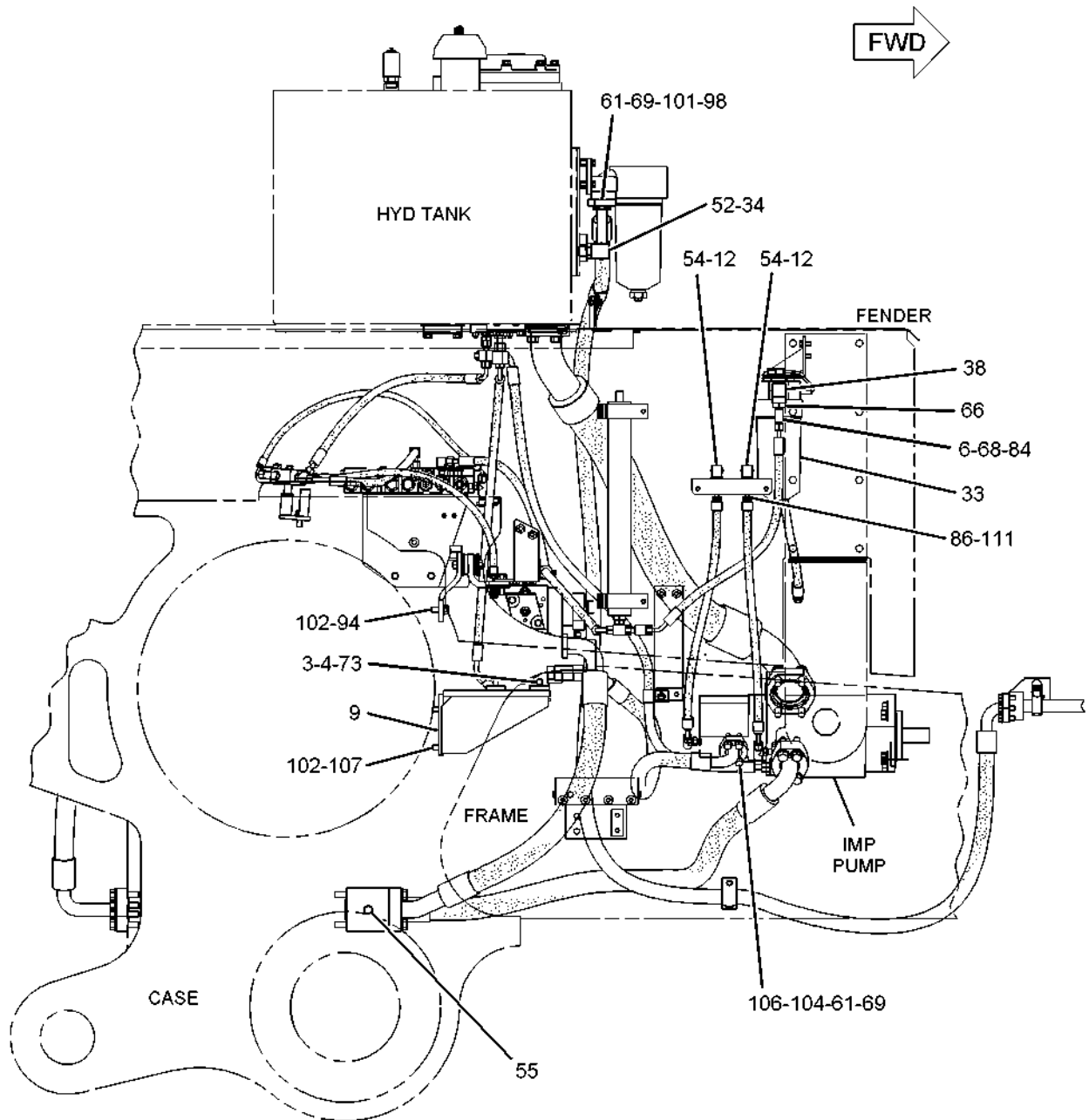
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

173 - 1553 LINES GP - PUMP (contd.)

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REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



RIGHT SIDE VIEW

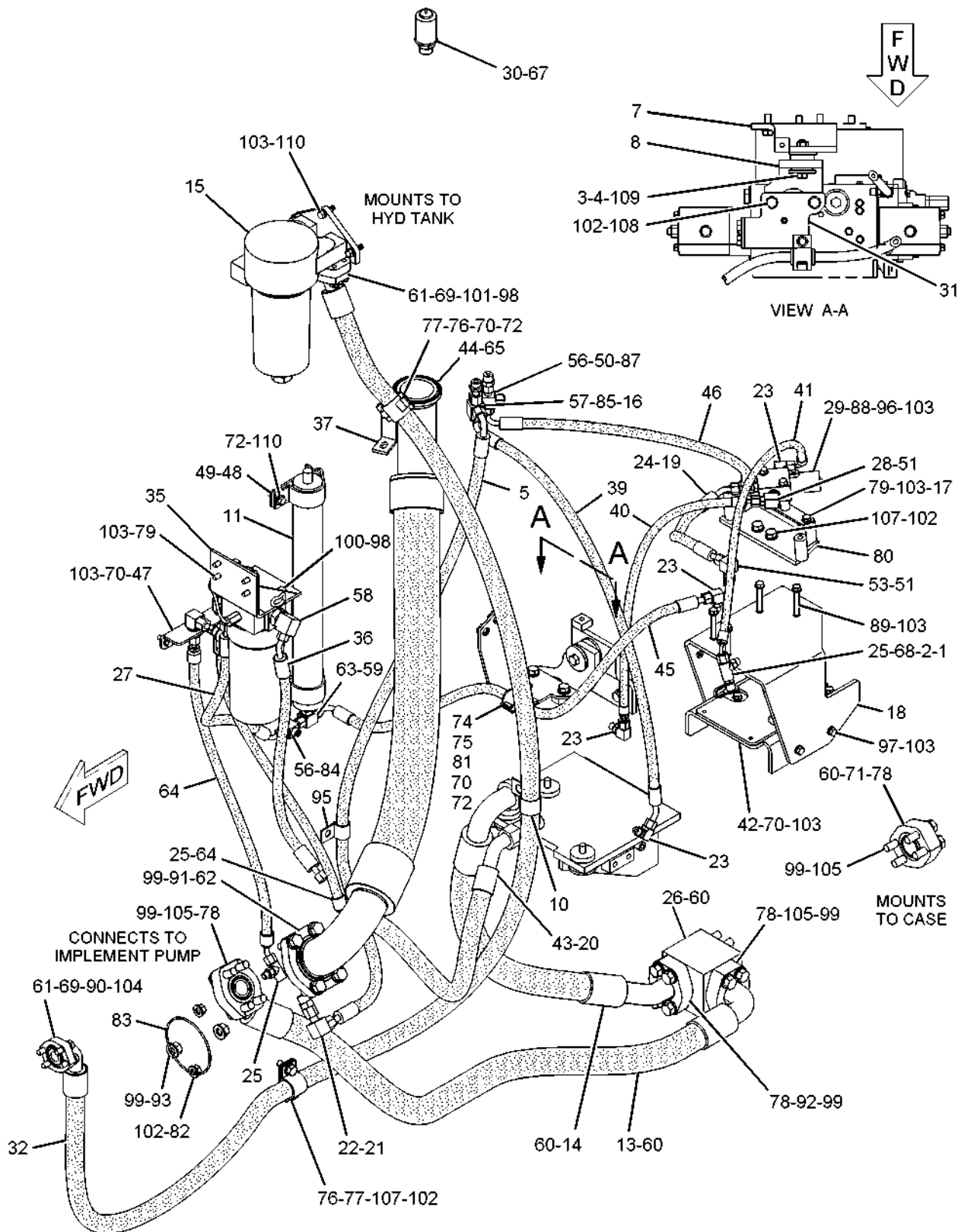
GRAPHIC #1

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HYDRAULIC SYSTEM

173-1553 LINES GP-PUMP (contd.)

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GRAPHIC #2

<END>

g01044441

HYDRAULIC SYSTEM

163-4090 LINES GP-RELIEF-DUAL TILT

S/N: 7PZ1-UP

PART OF 164-4810 VALVE AR-RELIEF
AN ATTACHMENT

SMCS-5057

i01989516

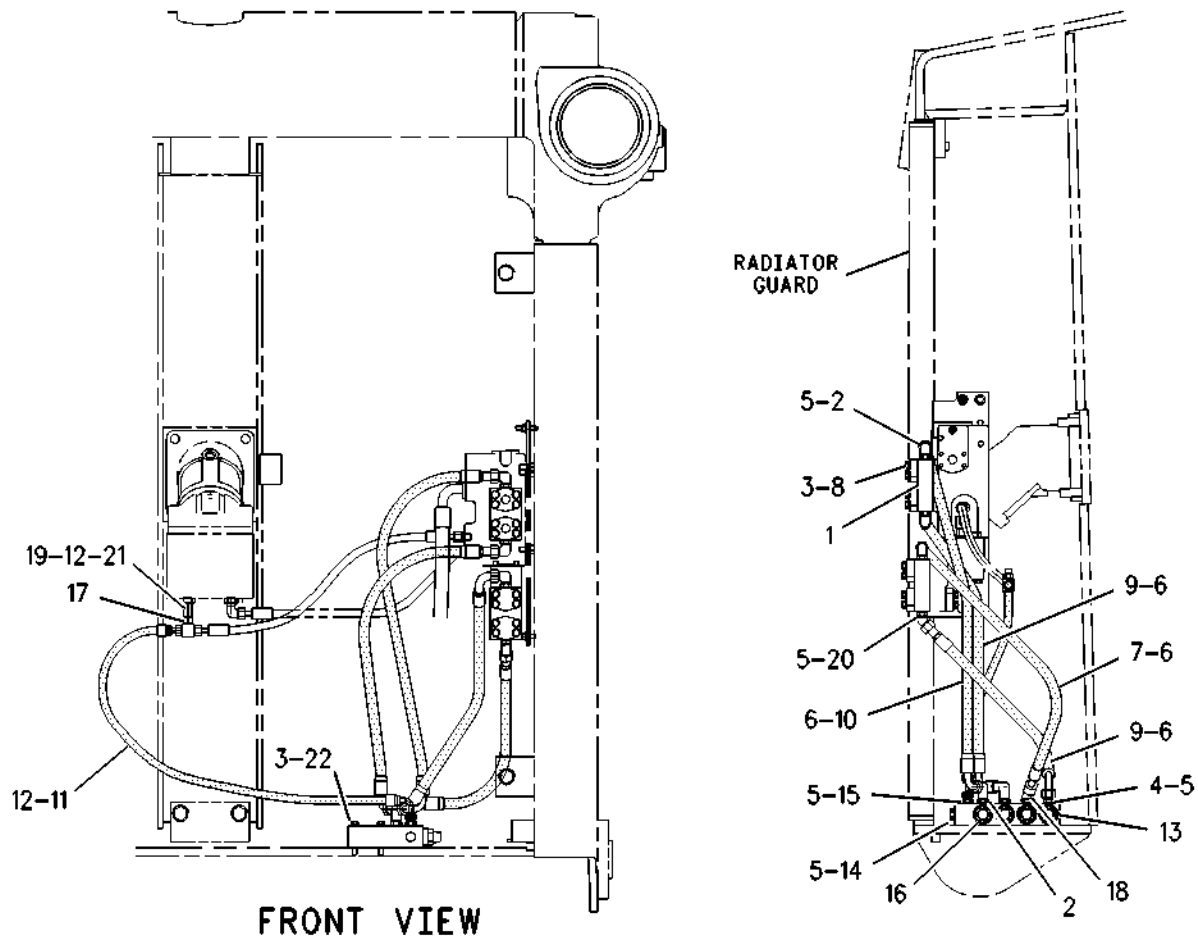
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	163-4091	2	PLATE						
	2	1	6V-8625	5	ELBOW						
	3	1	8T-4896	20	WASHER-HARD (10.2X18.5X2.5MM THK)						
	4	1	6V-8639	1	CONNECTOR						
	5	1	3K-0360	10	SEAL-O-RING						
	6	1	6V-8398	8	SEAL-O-RING						
I	7	1	163-4096	1	HOSE AS						
	8	1	8T-9101	16	BOLT (3/8-16X2.75 IN)						
I	9	1	163-4095	2	HOSE AS						
I	10	1	163-4094	1	HOSE AS						
I	11	1	163-4098	1	HOSE AS						
	12	1	6V-8397	3	SEAL-O-RING						
	13	1	163-4093	1	PLATE						
	14	1	9S-4185	1	PLUG						
	15	1	6V-8634	1	CONNECTOR						
	16	1	6E-6285	4	VALVE GP-RELIEF (DUAL TILT LINES)						
					(EACH INCLUDES)						
		1	4K-1388	1	SEAL-O-RING						
		1	5K-9090	1	SEAL-O-RING						
		1	6E-0358	1	RING-BACKUP						
	17	1	6V-9843	1	TEE-SWIVEL						
	18	1	6V-9002	1	ELBOW						
	19	1	3J-1907	1	SEAL-O-RING						
	20	1	6V-9009	1	ELBOW						
	21	1	9X-2297	1	CONNECTOR						
	22	1	8T-7008	4	BOLT (3/8-16X3 IN)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

HYDRAULIC SYSTEM

163-4090 LINES GP-RELIEF (contd.)

i01989516



GRAPHIC #1

<END>

g00583755

HYDRAULIC SYSTEM

141-8376 LINES GP-RIPPER

S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP

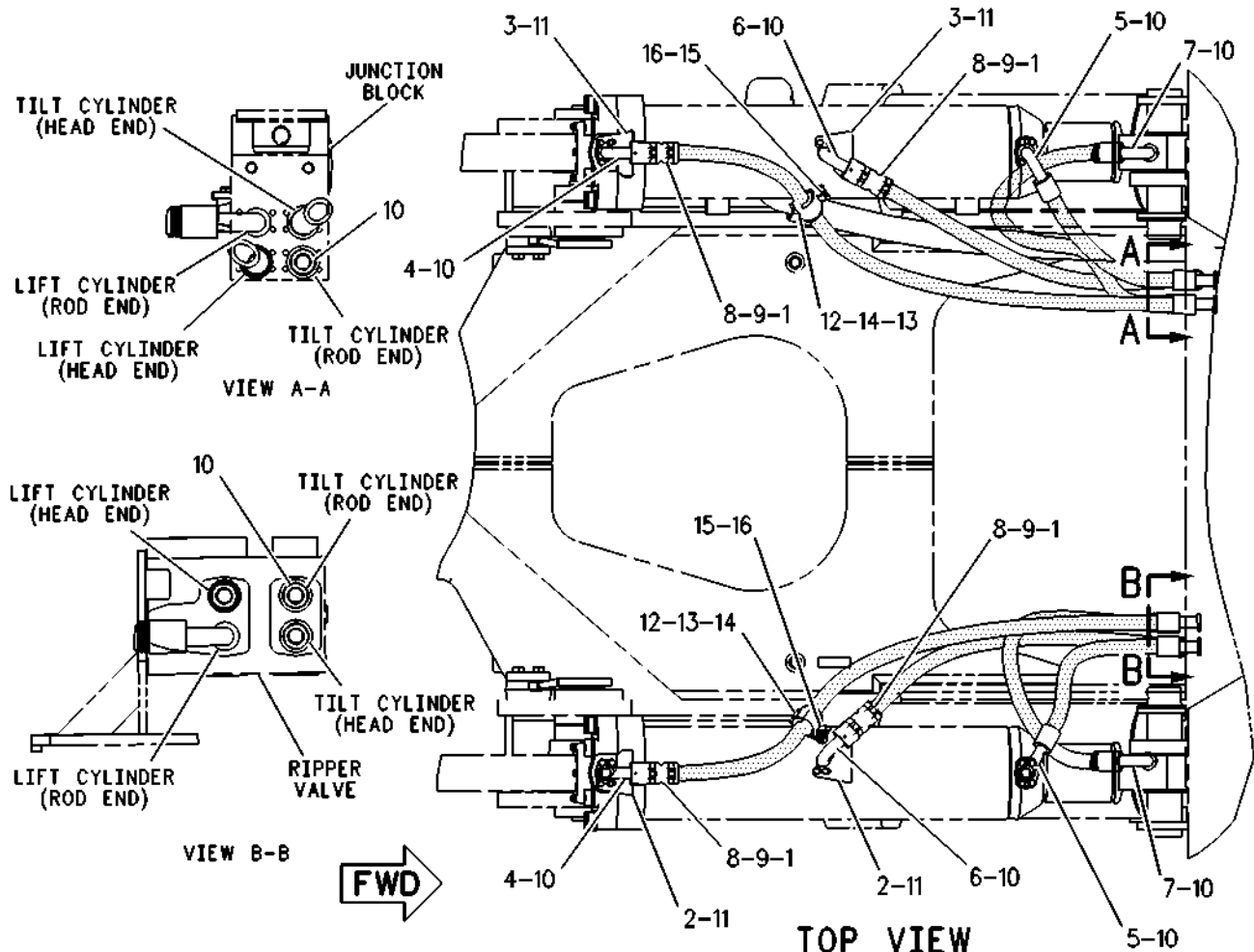
PART OF 127-1031, 130-6458, 130-6462 RIPPER AR
AN ATTACHMENT

SMCS-5057, 5352, 5356

i01425613

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9M-0164	8	CLAMP-HOSE						
	2	1	139-2455	2	SHIELD-RH						
	3	1	139-2456	2	SHIELD-LH						
I	4	1	141-7225	2	HOSE AS						
I	5	1	141-7226	2	HOSE AS						
I	6	1	141-7228	2	HOSE AS						
I	7	1	141-7230	2	HOSE AS						
	8	1	147-6626	8	SHIELD						
	9	1	151-5203	4	GROMMET						
	10	1	4J-0520	16	SEAL-O-RING (32.92MM ID)						
	11	1	4L-9337	8	BOLT (3/8-16X1.5 IN)						
	12	1	153-8462	2	CLIP (SLOT)						
	13	1	153-8463	2	CLIP (TAB)						
	14	1	5P-8444	2	GROMMET						
	15	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5MM THK)						
	16	1	4L-6454	4	BOLT (3/8-16X1 IN)						

I-SEE HOSE FABRICATION GUIDE



GRAPHIC #1

<END>

g00291201

HYDRAULIC SYSTEM

161-2411 LINES GP-RIPPER

S/N: 7ZP1-UP

PART OF 161-2420 RIPPER AR
AN ATTACHMENT

SMCS-5057, 5352, 5356

i01563730

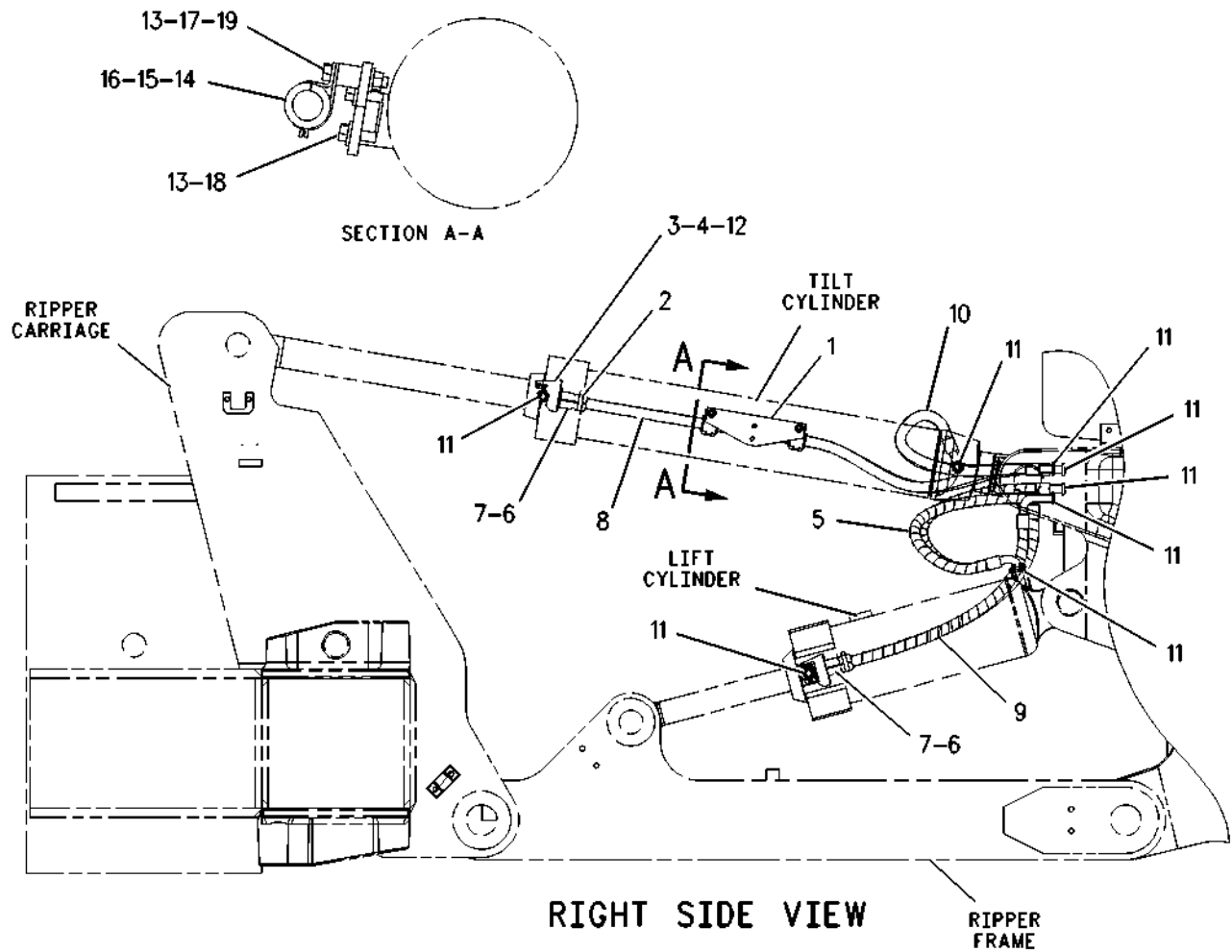
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4Z-9334	2	PLATE						
	2	1	9M-0164	8	CLAMP-HOSE						
	3	1	139-2455	2	SHIELD-RH						
	4	1	139-2456	2	SHIELD-LH						
I	5	1	141-7230	2	HOSE AS						
	6	1	147-6626	8	SHIELD						
	7	1	151-5203	4	GROMMET						
I	8	1	163-0122	2	HOSE AS						
I	9	1	163-0123	2	HOSE AS						
I	10	1	163-0124	2	HOSE AS						
	11	1	4J-0520	16	SEAL-O-RING						
	12	1	4L-9337	8	BOLT (3/8-16X1.5 IN)						
	13	1	5P-1076	8	WASHER-HARD (13.5X30X4MM THK)						
	14	1	5P-7468	4	CLIP (SLOT)						
	15	1	5P-7469	4	CLIP (TAB)						
	16	1	5P-8444	4	GROMMET						
	17	1	6V-8188	4	NUT (1/2-13 THD)						
	18	1	8C-4436	4	BOLT (1/2-13X1.375 IN)						
	19	1	8T-9389	4	BOLT (1/2-13X2.75 IN)						

I-SEE HOSE FABRICATION GUIDE

HYDRAULIC SYSTEM

161-2411 LINES GP-RIPPER (contd.)

i01563730



GRAPHIC #1

<END>

g00519490

HYDRAULIC SYSTEM

173-1551 LINES GP-RIPPER

S/N: 7PZ1-651

PART OF 173-1552 CONTROL AR-HYDRAULIC
AN ATTACHMENT

SMCS-5057, 5352, 5356

101988915

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3W-2647	1	SPACER (13.5X30X10MM THK)						
	2	1	6V-0852	1	CAP-DUST						
	3	1	6V-3965	1	FITTING (QUICK DISCONNECT)						
	4	1	8J-5914	1	PLUG						
	5	1	126-0814	4	FITTING AS						
I	6	1	130-7066	1	HOSE AS						
I	7	1	134-6631	2	HOSE AS						
I	8	1	134-6632	2	HOSE AS						
	9	1	148-8336	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8636	1	CONNECTOR						
	10	1	148-8378	6	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8724	1	ELBOW						
	11	1	148-8435	4	TEE AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	2	SEAL-O-RING						
		1	6V-8781	1	TEE-FACE SEAL						
I	12	1	173-6588	1	HOSE AS						
I	13	1	136-3920	1	HOSE AS						
I	14	1	136-3921	1	HOSE AS						
I	15	1	136-3923	1	HOSE AS						
I	16	1	136-3924	1	HOSE AS						
	17	1	1B-4971	3	SPACER (.4062X1X1 IN THK)						
	18	1	1P-3704	2	SEAL-RECTANGULAR						
	19	1	1P-4577	16	FLANGE-HALF						
	20	1	1P-5767	2	FLANGE-HALF						
	21	1	7S-1912	3	CLIP						
	22	1	2S-4078	1	SEAL-O-RING						
	23	1	3G-6342	1	BLOCK						
	24	1	3T-9486	1	GROMMET						
	25	1	4J-0520	12	SEAL-O-RING						
	26	1	4J-0522	1	SEAL-O-RING						
	27	1	4J-0524	1	SEAL-O-RING						
	28	1	5C-6565	2	BOLT (1/2-13X1.125 IN)						
	29	1	5H-4019	4	COVER						
	30	1	5S-7379	1	BOLT (3/8-16X0.875 IN)						
	31	1	5P-7466	2	CLIP (SLOT)						
	32	1	5P-7467	2	CLIP (TAB)						
	33	1	6Y-4585	1	MANIFOLD						
	34	1	7S-3912	2	CLIP (TAB)						
	35	1	7S-3913	2	CLIP (SLOT)						
	36	1	7X-0316	4	BOLT (7/16-14X3.5 IN)						
	37	1	8C-4436	1	BOLT (1/2-13X1.375 IN)						
	38	1	8T-4122	2	WASHER-HARD (17X32X3.5MM THK)						
	39	1	8T-4223	8	WASHER-HARD (13.5X25.5X3MM THK)						
	40	1	8T-4835	4	BOLT (1/2-13X2 IN)						
	41	1	8T-4896	35	WASHER-HARD (10.2X18.5X2.5MM THK)						
	42	1	8T-5360	4	WASHER (12X22.5X2.5MM THK)						
	43	1	8T-6871	2	BOLT (5/8-11X2.50 IN)						

HYDRAULIC SYSTEM

173-1551 LINES GP-RIPPER (contd.)

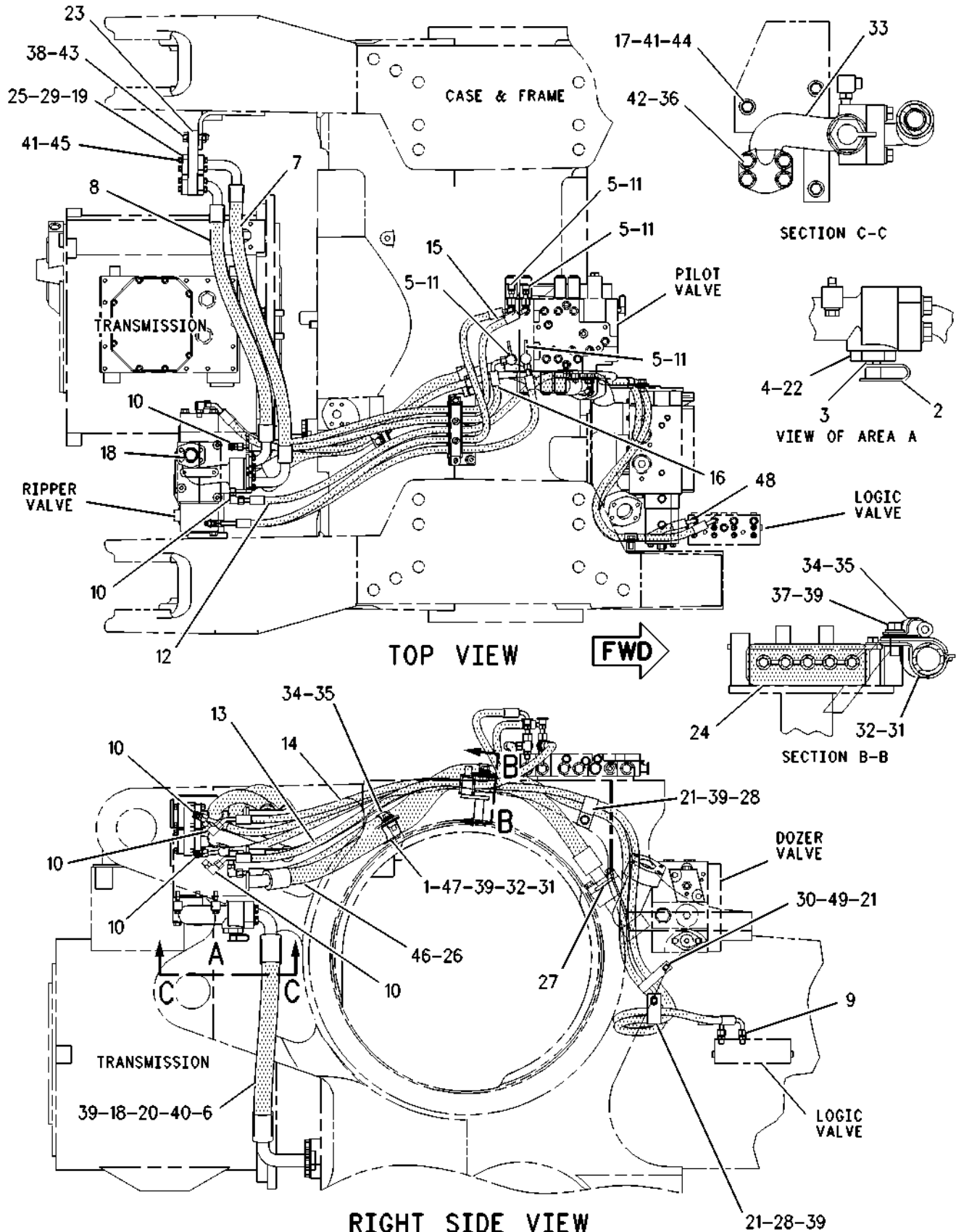
i01988915

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	44	1	8T-9377	3	BOLT (3/8-16X2.25 IN)	
	45	1	9B-7237	32	BOLT (3/8-16X1.25 IN)	
I	46	1	9U-9572	1	HOSE AS	
	47	1	8T-8919	1	BOLT (1/2-13X1.75 IN)	
I	48	1	185-6379	1	HOSE AS	
	49	1	5P-1075	1	WASHER-HARD (10.2X22.5X3MM THK)	
I-REFER TO HYDRAULIC INFORMATION SYSTEM						

HYDRAULIC SYSTEM

173-1551 LINES GP-RIPPER (contd.)

i01988915



GRAPHIC #1

<END>

g00672991

HYDRAULIC SYSTEM

173-1551 LINES GP-RIPPER

S/N: 7PZ652-721

PART OF 173-1552 CONTROL AR-HYDRAULIC
AN ATTACHMENT

SMCS-5057, 5352, 5356

101979903

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3W-2647	1	SPACER (13.5X30X10MM THK)	
	2	1	6V-0852	5	CAP-DUST (RIPPER PILOT VALVE)	
	3	1	8J-5914	1	PLUG	
I	4	1	130-7066	1	HOSE AS	
I	5	1	134-6631	2	HOSE AS	
I	6	1	134-6632	2	HOSE AS	
	7	1	148-8336	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3J-1907	2	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8636	1	CONNECTOR	
	8	1	148-8378	6	ELBOW AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8724	1	ELBOW	
	9	1	150-4027	2	TEE GP	
					(EACH INCLUDES)	
		1	3E-2310	1	TEE	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
	10	1	168-1968	2	TEE AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	126-6872	1	TEE	
I	11	1	173-6588	1	HOSE AS	
I	12	1	185-6379	1	HOSE AS	
I	13	1	136-3920	1	HOSE AS	
I	14	1	136-3921	1	HOSE AS	
I	15	1	136-3923	1	HOSE AS	
I	16	1	136-3924	1	HOSE AS	
	17	1	164-5567	5	FITTING AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-3965	1	FITTING (QUICK DISCONNECT)	
	18	1	1B-4971	3	SPACER (.4062X1X1 IN THK)	
	19	1	1P-3704	2	SEAL-RECTANGULAR	
	20	1	1P-4577	16	FLANGE-HALF	
	21	1	1P-5767	2	FLANGE-HALF	
	22	1	2S-4078	1	SEAL-O-RING	
	23	1	3G-6342	1	BLOCK	
	24	1	3T-9486	1	GROMMET	
	25	1	4J-0520	12	SEAL-O-RING	
	26	1	4J-0522	1	SEAL-O-RING	
	27	1	4J-0524	1	SEAL-O-RING	
	28	1	5C-6565	2	BOLT (1/2-13X1.125 IN)	
	29	1	5H-4019	4	COVER	
	30	1	5P-1075	1	WASHER-HARD (10.2X22.5X3MM THK)	
	31	1	5P-7466	2	CLIP (SLOT)	
	32	1	5P-7467	2	CLIP (TAB)	
	33	1	5S-7379	1	BOLT (3/8-16X0.875 IN)	
	34	1	6Y-4585	1	MANIFOLD	
	35	1	7S-1912	3	CLIP	
	36	1	7S-3912	2	CLIP (TAB)	

HYDRAULIC SYSTEM

173-1551 LINES GP-RIPPER (contd.)

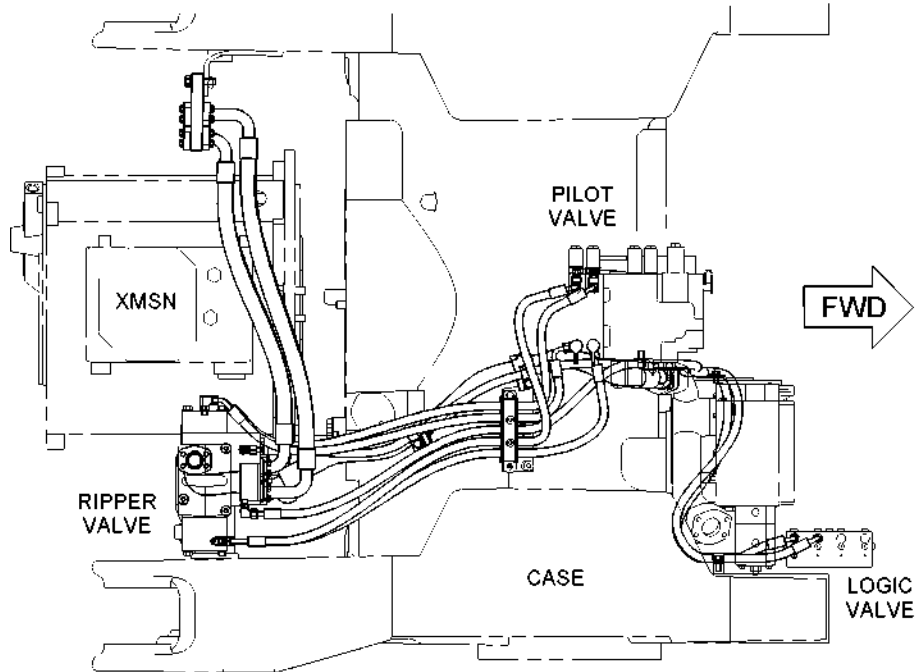
i01979903

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	37	1	7S-3913	2	CLIP (SLOT)						
	38	1	7X-0316	4	BOLT (7/16-14X3.5 IN)						
	39	1	8C-4436	1	BOLT (1/2-13X1.375 IN)						
	40	1	8T-4122	2	WASHER-HARD (17X32X3.5MM THK)						
	41	1	8T-4223	8	WASHER-HARD (13.5X25.5X3MM THK)						
	42	1	8T-4835	4	BOLT (1/2-13X2 IN)						
	43	1	8T-4896	35	WASHER-HARD (10.2X18.5X2.5MM THK)						
	44	1	8T-5360	4	WASHER (12X22.5X2.5MM THK)						
	45	1	8T-6871	2	BOLT (5/8-11X2.50 IN)						
	46	1	8T-8919	1	BOLT (1/2-13X1.75 IN)						
	47	1	8T-9377	3	BOLT (3/8-16X2.25 IN)						
	48	1	9B-7237	32	BOLT (3/8-16X1.25 IN)						
I	49	1	9U-9572	1	HOSE AS						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											

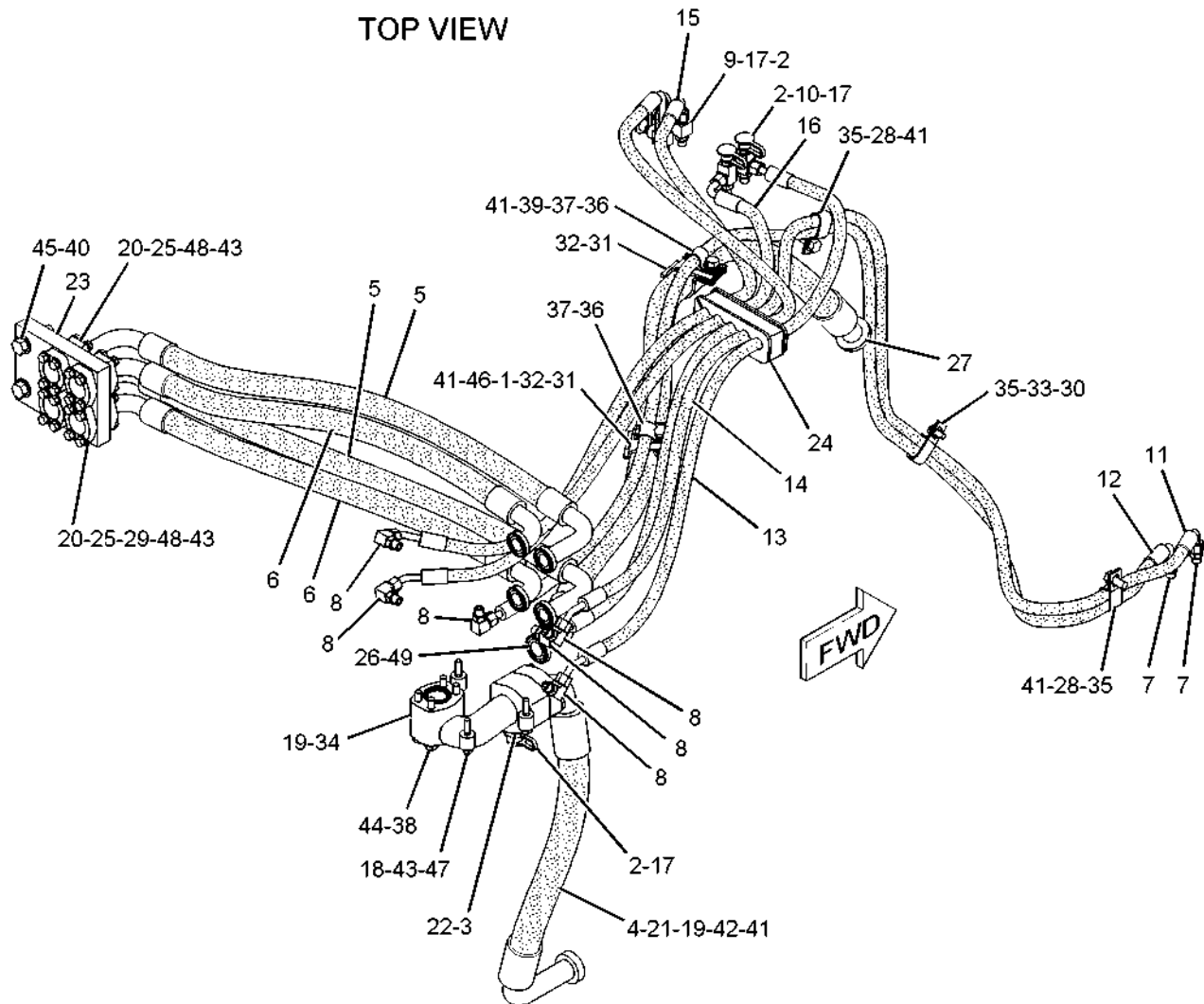
HYDRAULIC SYSTEM

173-1551 LINES GP-RIPPER (contd.)

i01979903



TOP VIEW



<END>

GRAPHIC #1

g01028644

HYDRAULIC SYSTEM

173-1551 LINES GP-RIPPER

S/N: 7PZ722-734

PART OF 173-1552 CONTROL AR-HYDRAULIC
AN ATTACHMENT

SMCS-5057, 5352, 5356

101986026

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3W-2647	1	SPACER (13.5X30X10MM THK)	
	2	1	6V-0852	4	CAP-DUST (RIPPER PILOT VALVE)	
	3	1	112-9252	3	SPACER (13X25X22.14MM THK)	
I	4	1	134-6631	2	HOSE AS	
I	5	1	134-6632	2	HOSE AS	
	6	1	148-8336	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	6V-8636	1	CONNECTOR	
		1	3J-1907	2	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
	7	1	148-8378	6	ELBOW AS	
					(EACH INCLUDES)	
		1	6V-8724	1	ELBOW	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
	8	1	150-4027	2	TEE GP	
					(EACH INCLUDES)	
		1	3E-2310	1	TEE	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
	9	1	168-1968	2	TEE AS	
					(EACH INCLUDES)	
		1	126-6872	1	TEE	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
I	10	1	173-6588	1	HOSE AS	
I	11	1	185-6379	1	HOSE AS	
I	12	1	238-9126	1	HOSE AS	
I	13	1	136-3920	1	HOSE AS	
I	14	1	136-3921	1	HOSE AS	
I	15	1	136-3923	1	HOSE AS	
I	16	1	136-3924	1	HOSE AS	
	17	1	164-5567	4	FITTING AS	
					(EACH INCLUDES)	
		1	6V-3965	1	FITTING (QUICK DISCONNECT)	
		1	3J-1907	1	SEAL-O-RING	
	18	1	1P-4577	16	FLANGE-HALF	
	19	1	3G-6342	1	BLOCK	
	20	1	3T-9486	1	GROMMET	
	21	1	4J-0520	12	SEAL-O-RING	
	22	1	4J-0522	2	SEAL-O-RING	
	23	1	4J-0524	1	SEAL-O-RING	
	24	1	5C-6565	2	BOLT (1/2-13X1.125 IN)	
	25	1	5H-4019	4	COVER	
	26	1	5P-1075	1	WASHER-HARD (10.2X22.5X3MM THK)	
	27	1	5P-7466	2	CLIP (SLOT)	
	28	1	5P-7467	2	CLIP (TAB)	
	29	1	5S-7379	1	BOLT (3/8-16X0.875 IN)	
	30	1	7S-1912	3	CLIP	
	31	1	7S-3912	2	CLIP (TAB)	
	32	1	7S-3913	2	CLIP (SLOT)	
	33	1	7X-0310	3	BOLT (7/16-14X2 IN)	
	34	1	8C-4436	1	BOLT (1/2-13X1.375 IN)	
	35	1	8T-4122	2	WASHER-HARD (17X32X3.5MM THK)	
	36	1	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)	

HYDRAULIC SYSTEM

173-1551 LINES GP-RIPPER (contd.)

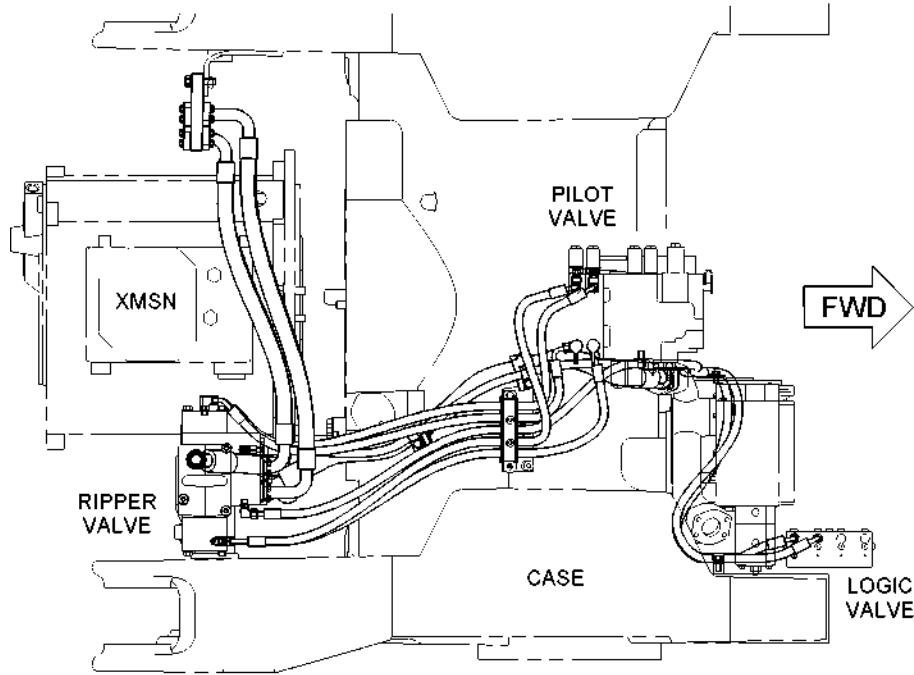
i01986026

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	37	1	8T-4896	32	WASHER-HARD (10.2X18.5X2.5MM THK)						
	38	1	8T-5360	3	WASHER (12X22.5X2.5MM THK)						
	39	1	8T-6871	2	BOLT (5/8-11X2.50 IN)						
	40	1	8T-8919	1	BOLT (1/2-13X1.75 IN)						
	41	1	9B-7237	32	BOLT (3/8-16X1.25 IN)						
I	42	1	9U-9572	1	HOSE AS						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											

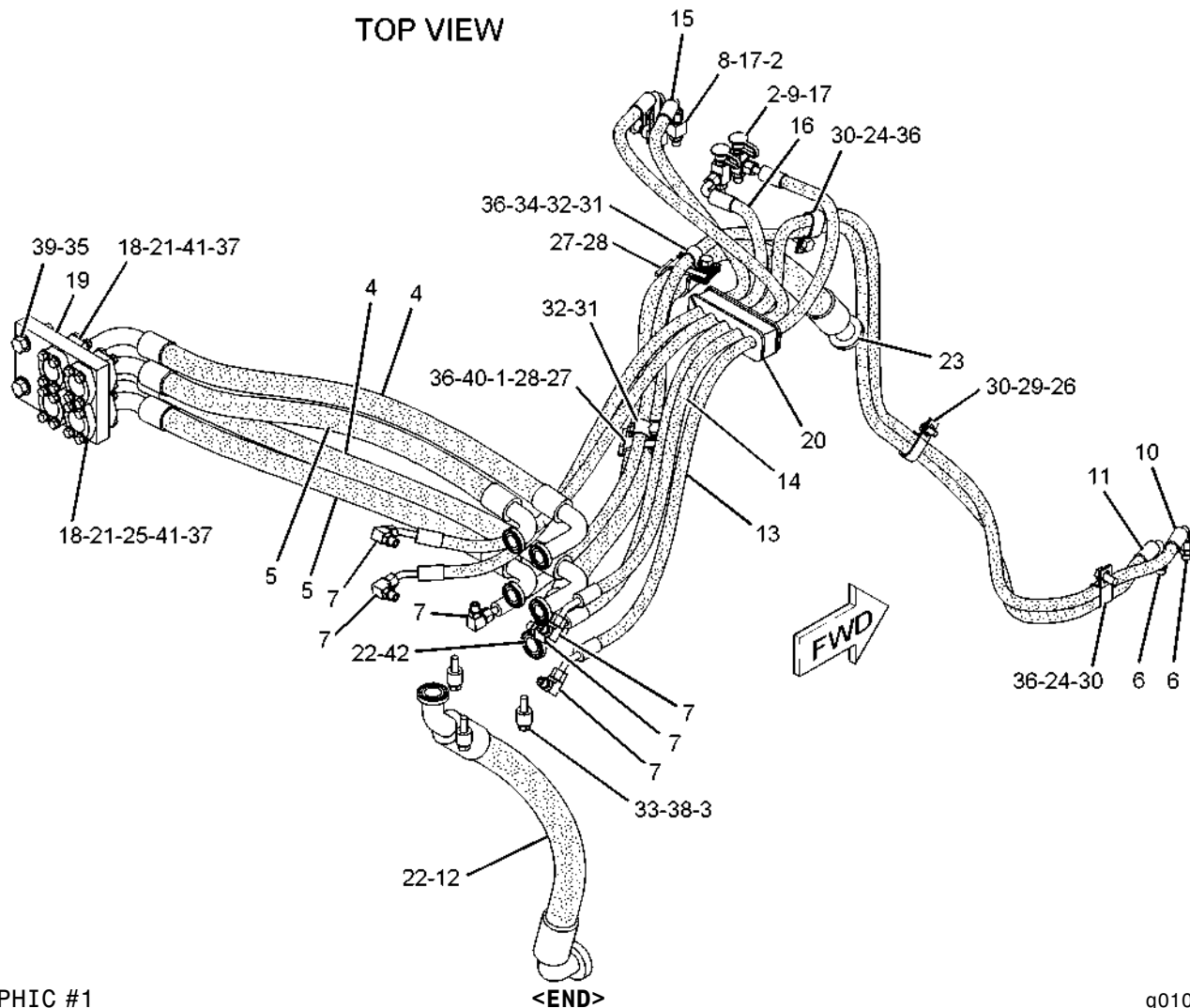
HYDRAULIC SYSTEM

173-1551 LINES GP-RIPPER (contd.)

i01986026



TOP VIEW



GRAPHIC #1

<END>

g01029581

HYDRAULIC SYSTEM

173-1551 LINES GP-RIPPER

S/N: 7PZ735-UP

PART OF 173-1552 CONTROL AR-HYDRAULIC
AN ATTACHMENT

SMCS-5057, 5352, 5356

i01986092

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3W-2647	1	SPACER (13.5X30X10MM THK)	
	2	1	6V-0852	4	CAP-DUST (RIPPER PILOT VALVE)	
	3	1	112-9252	3	SPACER (13X25X22.14MM THK)	
I	4	1	134-6631	2	HOSE AS	
I	5	1	134-6632	2	HOSE AS	
	6	1	148-8336	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	6V-8636	1	CONNECTOR	
		1	3J-1907	2	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
	7	1	148-8378	6	ELBOW AS	
					(EACH INCLUDES)	
		1	6V-8724	1	ELBOW	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
	8	1	150-4027	2	TEE GP	
					(EACH INCLUDES)	
		1	3E-2310	1	TEE	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
	9	1	168-1968	2	TEE AS	
					(EACH INCLUDES)	
		1	126-6872	1	TEE	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
I	10	1	173-6588	1	HOSE AS	
I	11	1	185-6379	1	HOSE AS	
I	12	1	238-9126	1	HOSE AS	
I	13	1	136-3920	1	HOSE AS	
I	14	1	136-3921	1	HOSE AS	
I	15	1	136-3923	1	HOSE AS	
I	16	1	136-3924	1	HOSE AS	
	17	1	164-5567	4	FITTING AS	
					(EACH INCLUDES)	
		1	6V-3965	1	FITTING (QUICK DISCONNECT)	
		1	3J-1907	1	SEAL-O-RING	
	18	1	1P-4577	16	FLANGE-HALF	
	19	1	3G-6342	1	BLOCK	
	20	1	3T-9486	1	GROMMET	
	21	1	4J-0520	12	SEAL-O-RING	
	22	1	4J-0522	2	SEAL-O-RING	
	23	1	4J-0524	1	SEAL-O-RING	
	24	1	5C-6565	2	BOLT (1/2-13X1.125 IN)	
	25	1	5H-4019	4	COVER	
	26	1	5P-1075	1	WASHER-HARD (10.2X22.5X3MM THK)	
	27	1	5P-7466	2	CLIP (SLOT)	
	28	1	5P-7467	2	CLIP (TAB)	
	29	1	5S-7379	1	BOLT (3/8-16X0.875 IN)	
	30	1	7S-1912	3	CLIP	
	31	1	7S-3912	2	CLIP (TAB)	
	32	1	7S-3913	2	CLIP (SLOT)	
	33	1	7X-0310	3	BOLT (7/16-14X2 IN)	
	34	1	8C-4436	1	BOLT (1/2-13X1.375 IN)	
	35	1	8T-4122	2	WASHER-HARD (17X32X3.5MM THK)	
	36	1	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)	

HYDRAULIC SYSTEM

173-1551 LINES GP-RIPPER (contd.)

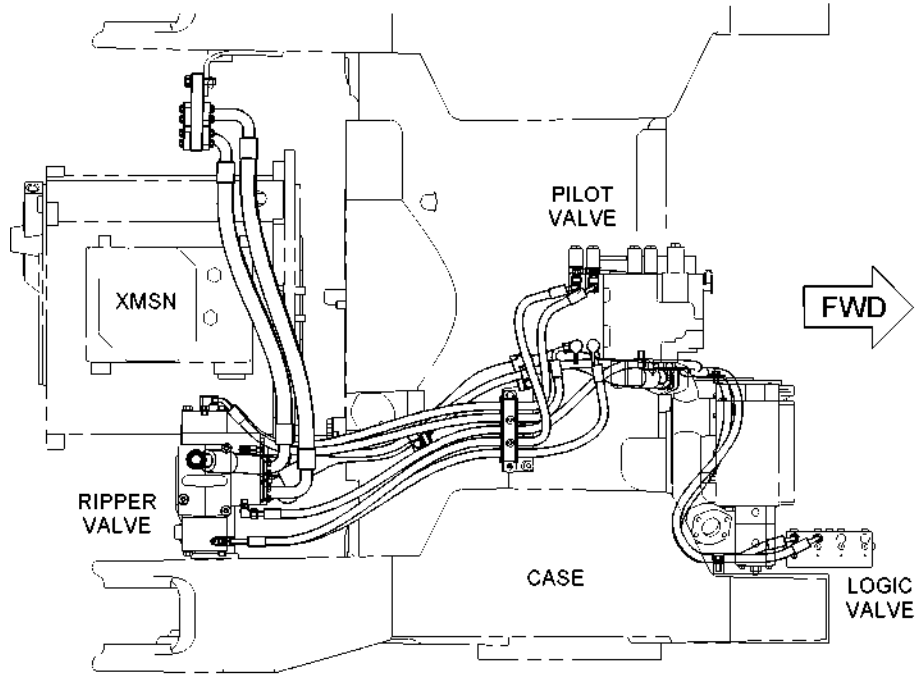
i01986092

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	37	1	8T-4896	32	WASHER-HARD (10.2X18.5X2.5MM THK)	
	38	1	8T-5360	3	WASHER (12X22.5X2.5MM THK)	
	39	1	8T-6871	2	BOLT (5/8-11X2.50 IN)	
	40	1	8T-8919	1	BOLT (1/2-13X1.75 IN)	
	41	1	9B-7237	32	BOLT (3/8-16X1.25 IN)	
I	42	1	9U-9572	1	HOSE AS	
	43	1	1P-3705	1	SEAL-RECTANGULAR	
I-REFER TO HYDRAULIC INFORMATION SYSTEM						

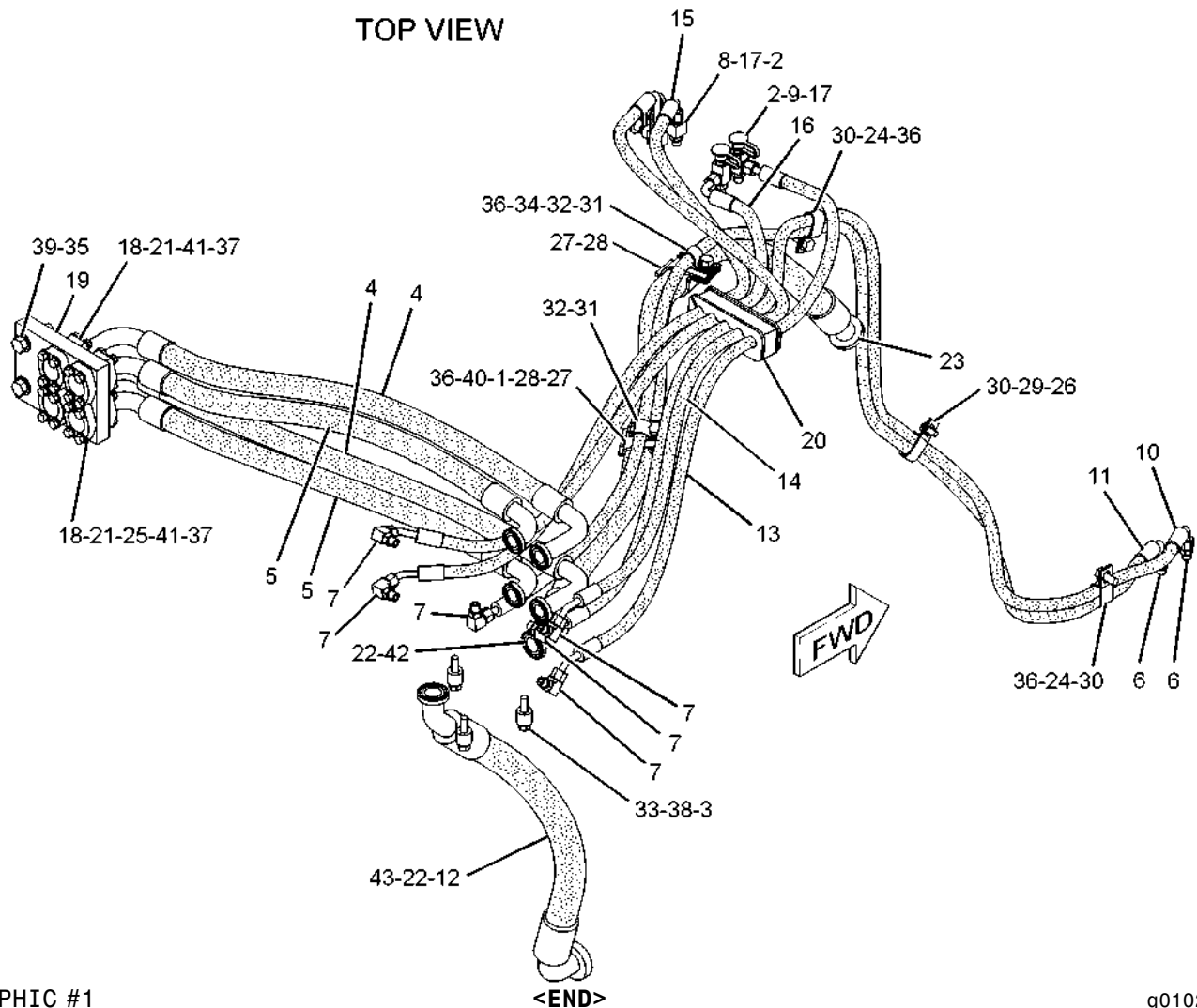
HYDRAULIC SYSTEM

173-1551 LINES GP-RIPPER (contd.)

i01986092



TOP VIEW



<END>

GRAPHIC #1

g01029602

HYDRAULIC SYSTEM

119-4277 LINES GP-TILT CYLINDER-DUAL

S/N: 8PP1-UP; 8RP1-UP

PART OF 119-4267, 119-4268, 119-4282, 199-8241, 226-5919 BULLDOZER
AR-SEMI-UNIVERSAL, 119-4281, 199-8240, 226-5918 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-5057, 5104

i01895601

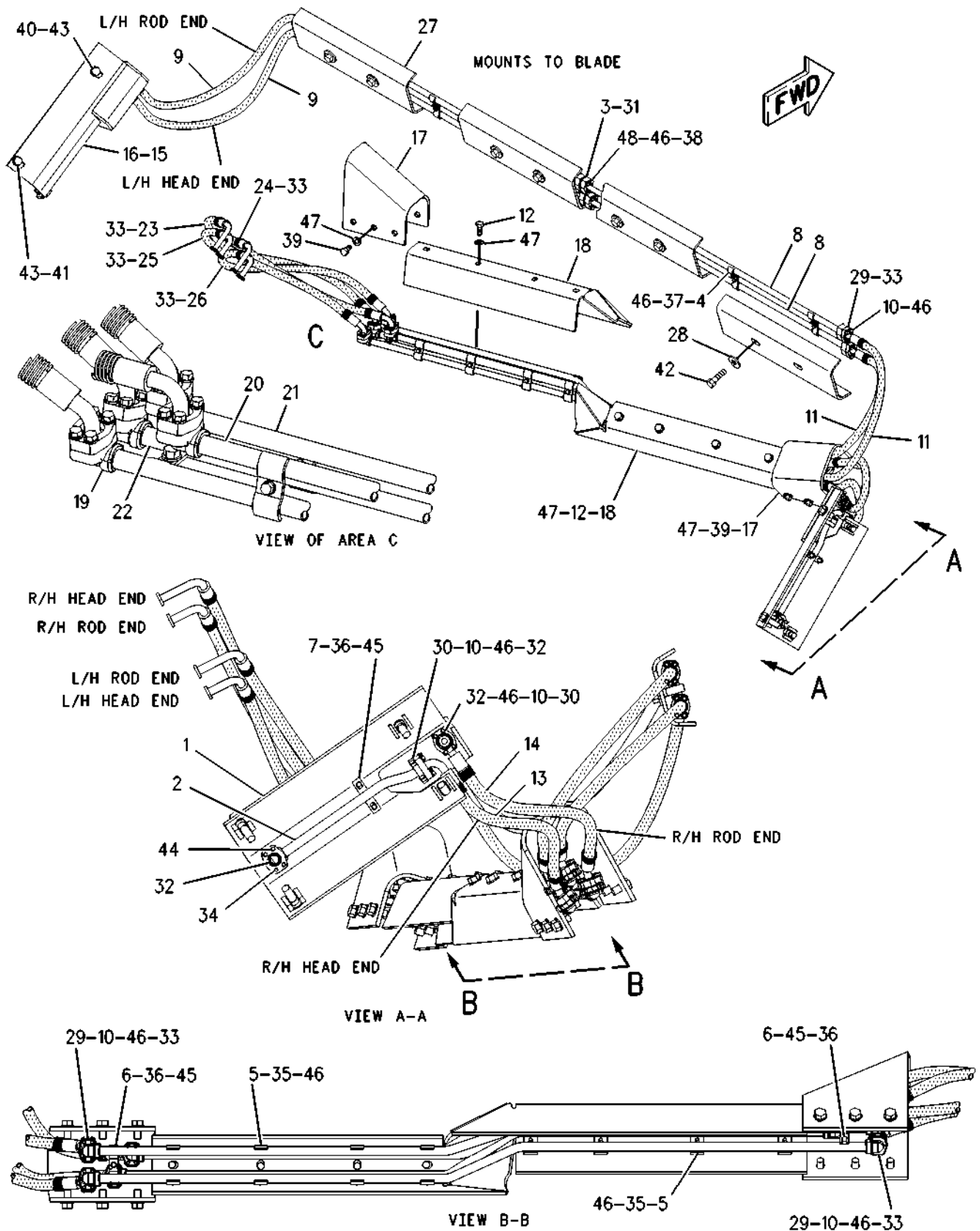
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3G-6251	1	GUARD AS (RH)	
	2	1	3G-6623	1	TUBE AS (RH)	
	3	1	4T-0301	2	PLATE-CONNECTOR	
	4	1	4T-3981	6	CLIP	
	5	1	5H-2095	16	CLAMP-TUBE	
	6	1	7D-4108	2	CLAMP	
	7	1	8J-3146	2	CLAMP	
	8	1	9W-3357	4	TUBE AS	
I	9	1	9W-4041	2	HOSE AS	
	10	1	9B-7237	64	BOLT (3/8-16X1.25 IN)	
I	11	1	9W-4042	2	HOSE AS	
	12	1	8T-9398	8	BOLT (3/4-10X1.75 IN)	
I	13	1	9W-4043	1	HOSE AS	
I	14	1	9W-4044	1	HOSE AS	
	15	1	9W-5570	1	TUBE AS-LH	
	16	1	9W-5571	1	GUARD AS	
	17	1	131-4326	2	GUARD	
	18	1	131-4328	2	GUARD AS	
	19	1	131-4329	1	TUBE AS	
	20	1	131-4330	1	TUBE AS	
	21	1	131-4331	1	TUBE AS	
	22	1	131-4332	1	TUBE AS	
I	23	1	147-9434	1	HOSE AS	
I	24	1	148-5373	1	HOSE AS	
I	25	1	148-5374	1	HOSE AS	
I	26	1	148-5375	1	HOSE AS	
	27	1	193-9159	4	GUARD	
	28	1	068-6405	8	WASHER (6.0MM THK)	
	29	1	1P-4576	24	FLANGE-HALF	
	30	1	1P-4577	8	FLANGE-HALF	
	31	1	4J-0519	4	SEAL-O-RING	
	32	1	4J-0520	6	SEAL-O-RING	
	33	1	4J-5267	16	SEAL-O-RING	
	34	1	4L-6454	4	BOLT (3/8-16X1 IN)	
	35	1	5M-3062	16	BOLT (3/8-16X0.75 IN)	
	36	1	5P-2228	6	BOLT (1/2-13X1 IN)	
	37	1	5S-7379	12	BOLT (3/8-16X0.875 IN)	
	38	1	6V-8801	8	NUT (3/8-16 THD)	
	39	1	7X-0365	12	BOLT (3/4-10X1.5 IN)	
	40	1	7X-0380	4	BOLT (7/8-9X1.75IN)	
	41	1	7X-0383	4	BOLT (7/8-9X2.75 IN)	
	42	1	7X-0384	8	BOLT (7/8-9X3IN)	
	43	1	8C-6913	8	WASHER-HARD (24X41.5X4MM THK)	
	44	1	8T-2501	4	BOLT (3/8-16X2 IN)	
	45	1	8T-4223	6	WASHER-HARD (13.5X25.5X3MM THK)	
	46	1	8T-4896	108	WASHER-HARD (10.2X18.5X2.5MM THK)	
	47	1	8T-4994	20	WASHER-HARD (20X36.5X3.5MM THK)	
	48	1	8T-7008	8	BOLT (3/8-16X3 IN)	

I-SEE HOSE FABRICATION GUIDE

HYDRAULIC SYSTEM

119-4277 LINES GP-TILT CYLINDER (contd.)

i01895601



GRAPHIC #1

<END>

g00986376

HYDRAULIC SYSTEM

152-7795 LINES GP-TILT CYLINDER-BLADE

S/N: 7PZ1-UP

PART OF 119-4283 CYLINDER AR-TILT
AN ATTACHMENT

SMCS-5057, 5104

i01563740

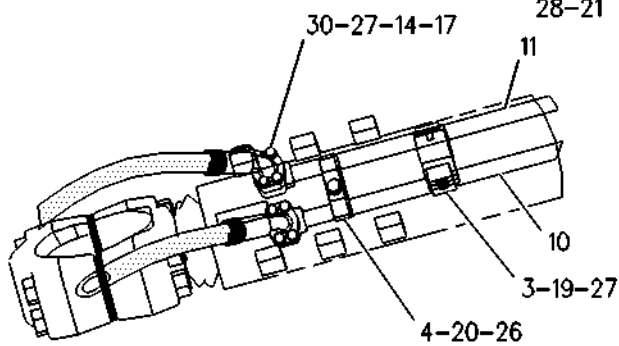
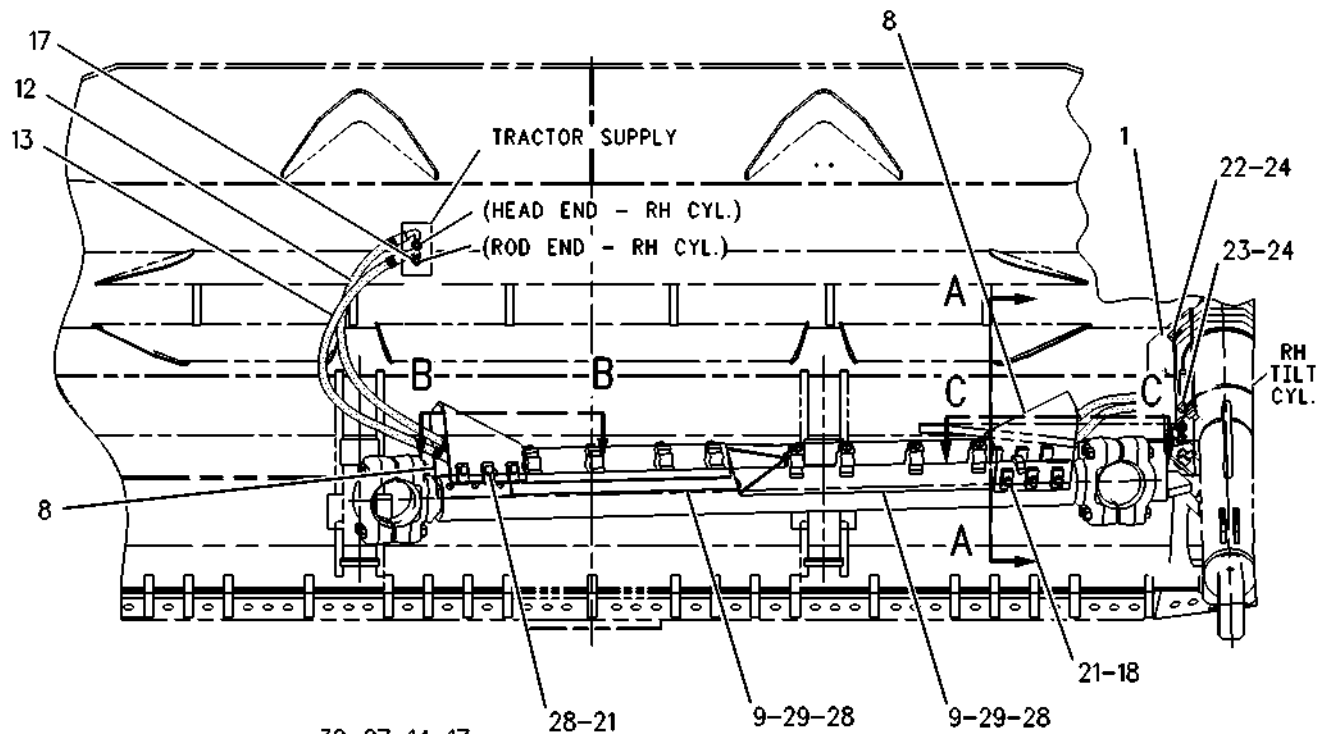
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3G-6251	1	GUARD AS						
	2	1	3G-6623	1	TUBE AS						
	3	1	5H-2095	16	CLAMP-TUBE						
	4	1	7D-4108	2	CLAMP						
	5	1	8J-3146	1	CLAMP						
I	6	1	9W-4043	1	HOSE AS						
I	7	1	9W-4044	1	HOSE AS						
	8	1	131-4326	2	GUARD						
	9	1	131-4328	2	GUARD AS						
	10	1	131-4329	1	TUBE AS						
	11	1	131-4332	1	TUBE AS						
I	12	1	147-9434	1	HOSE AS						
I	13	1	148-5374	1	HOSE AS						
	14	1	1P-4576	8	FLANGE						
	15	1	1P-4577	4	FLANGE-HALF						
	16	1	4J-0520	3	SEAL-O-RING						
	17	1	4J-5267	6	SEAL-O-RING						
	18	1	4L-6454	2	BOLT (3/8-16X1 IN)						
	19	1	5M-3062	16	BOLT (3/8-16X0.75 IN)						
	20	1	5P-2228	4	BOLT (1/2-13X1 IN)						
	21	1	7X-0365	12	BOLT (3/4-10X1.5 IN)						
	22	1	7X-0380	2	BOLT (7/8-9X1.75IN)						
	23	1	7X-0383	2	BOLT (7/8-9X2.75IN)						
	24	1	8C-6913	4	WASHER-HARD (24X41.5X4MM THK)						
	25	1	8T-2501	2	BOLT (3/8-16X2 IN)						
	26	1	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)						
	27	1	8T-4896	40	WASHER-HARD (10.2X18.5X2.5MM THK)						
	28	1	8T-4994	20	WASHER-HARD (20X36.5X3.5MM THK)						
	29	1	8T-9398	8	BOLT (3/4-10X1.75 IN)						
	30	1	9B-7237	24	BOLT (3/8-16X1.25 IN)						

I-SEE HOSE FABRICATION GUIDE

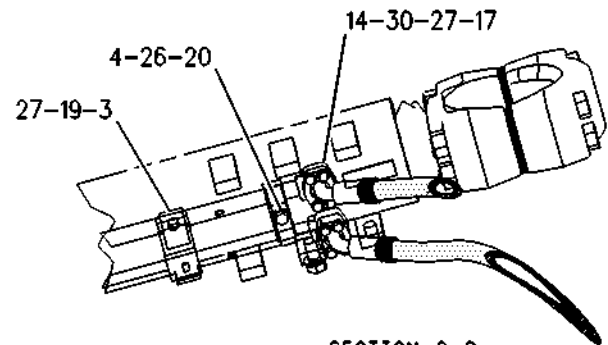
HYDRAULIC SYSTEM

152-7795 LINES GP-TILT CYLINDER (contd.)

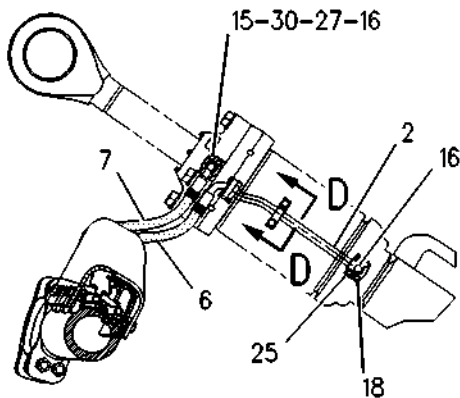
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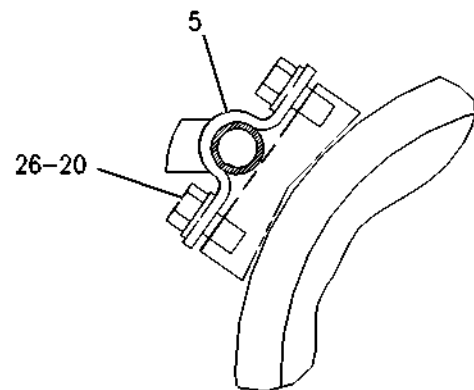
SECTION B-B



SECTION C-C



SECTION A-A



SECTION D-D

GRAPHIC #1

<END>

g00427522

HYDRAULIC SYSTEM

158-8042 LINES GP-TILT CYLINDER-CHASSIS

S/N: 7PZ1-UP

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5057, 5104

101582702

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	2	5T-9686	1	HOSE AS	
	2	1	7G-5984	1	CLIP (TAB)	
	3	1	7G-5985	1	CLIP (SLOT)	
	4	2	5S-7383	3	BOLT (3/8-16X1.75 IN)	
	5	2	8E-7112	1	ELBOW	
	6	1	8N-6867	1	BRACKET	
	7	1,2	126-0814	2	FITTING AS	
I	8	1	133-6523	1	HOSE AS	
I	9	1	133-6524	1	HOSE AS	
I	10	1	138-1424	1	HOSE AS	
I	11	1	148-7214	2	HOSE AS	
	12	1	148-8353	2	ELBOW GP	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		2	6V-9001	2	ELBOW	
	13	2	148-8378	1	ELBOW GP	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8724	1	ELBOW	
I	14	2	159-3305	1	HOSE AS	
I	15	2	171-4581	1	HOSE AS	
	16	2	148-8336	2	CONNECTOR GP	
					(EACH INCLUDES)	
		2	6V-8636	1	CONNECTOR	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
	17	1,2	148-8435	2	TEE GP	
					(EACH INCLUDES)	
		1,2	3J-1907	1	SEAL-O-RING	
		1,2	6V-8397	2	SEAL-O-RING	
		1,2	6V-8781	1	TEE-FACE SEAL	
	18	2	7C-8246	4	SPACER (10.5X20X24MM THK)	
	19	1	1P-3703	2	SEAL-RECTANGULAR	
	20	2	1P-4576	6	FLANGE	
	21	1	1P-4577	4	FLANGE-HALF	
	22	1	1P-5766	4	FLANGE-HALF	
	23	2	5P-4295	8	CLIP	
	24	1	4J-0520	3	SEAL-O-RING	
	25	2	4J-5267	4	SEAL-O-RING	
	26	2	5H-4018	2	COVER	
	27	1	5K-9090	2	SEAL-O-RING	
	28	2	5M-3062	3	BOLT (3/8-16X0.75 IN)	
	29	2	5P-1075	7	WASHER-HARD (10.2X22.5X3MM THK)	
	30	2	5P-7466	2	CLIP (SLOT)	
	31	2	5P-7467	2	CLIP (TAB)	
	32	2	5P-8112	2	GROMMET	
	33	2	7X-0308	2	BOLT (7/16-14X1.375 IN)	
	34	1	5S-7382	8	BOLT (3/8-16X1.375 IN)	
	35	1	6V-8188	1	NUT (1/2-13 THD)	
	36	1	6V-8397	1	SEAL-O-RING	
	37	2	6V-8801	1	NUT (3/8-16 THD)	
B	38	1	7G-3832	3	GROMMET	
	39	1	7G-3833	3	CLIP (TAB)	
	40	1	7G-3834	3	CLIP (SLOT)	
B	41	1	7G-5986	1	GROMMET	

HYDRAULIC SYSTEM

158-8042 LINES GP-TILT CYLINDER (contd.)

i01582702

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	42	1	8C-6877	8	BOLT (7/16-14X1.75 IN)						
	43	1,2	8T-4223	14	WASHER-HARD (13.5X25.5X3MM THK)						
	44	1,2	8T-4896	24	WASHER-HARD (10.2X18.5X2.5MM THK)						
	45	1,2	8T-5360	11	WASHER (12X22.5X2.5MM THK)						
	46	1,2	8T-8917	12	BOLT (1/2-13X1.25 IN)						
	47	2	8T-9379	4	BOLT (3/8-16X4.25 IN)						
	48	2	8T-9380	1	BOLT (7/16-14X1 IN)						
	49	2	9B-7237	12	BOLT (3/8-16X1.25 IN)						
	50	2	185-6973	1	PLATE AS						
	51	2	3M-0496	1	STUD-TAPERLOCK						
	52	1	5P-2228	1	BOLT (1/2-13X1 IN)						
	53	1	7S-3912	1	CLIP (TAB)						
	54	1	7S-3913	1	CLIP (SLOT)						
	55	2	164-6819	2	SPACER (12.5X20X7MM THK)						
	56	1	148-8367	1	ELBOW GP						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9850	1	ELBOW-SWIVEL						

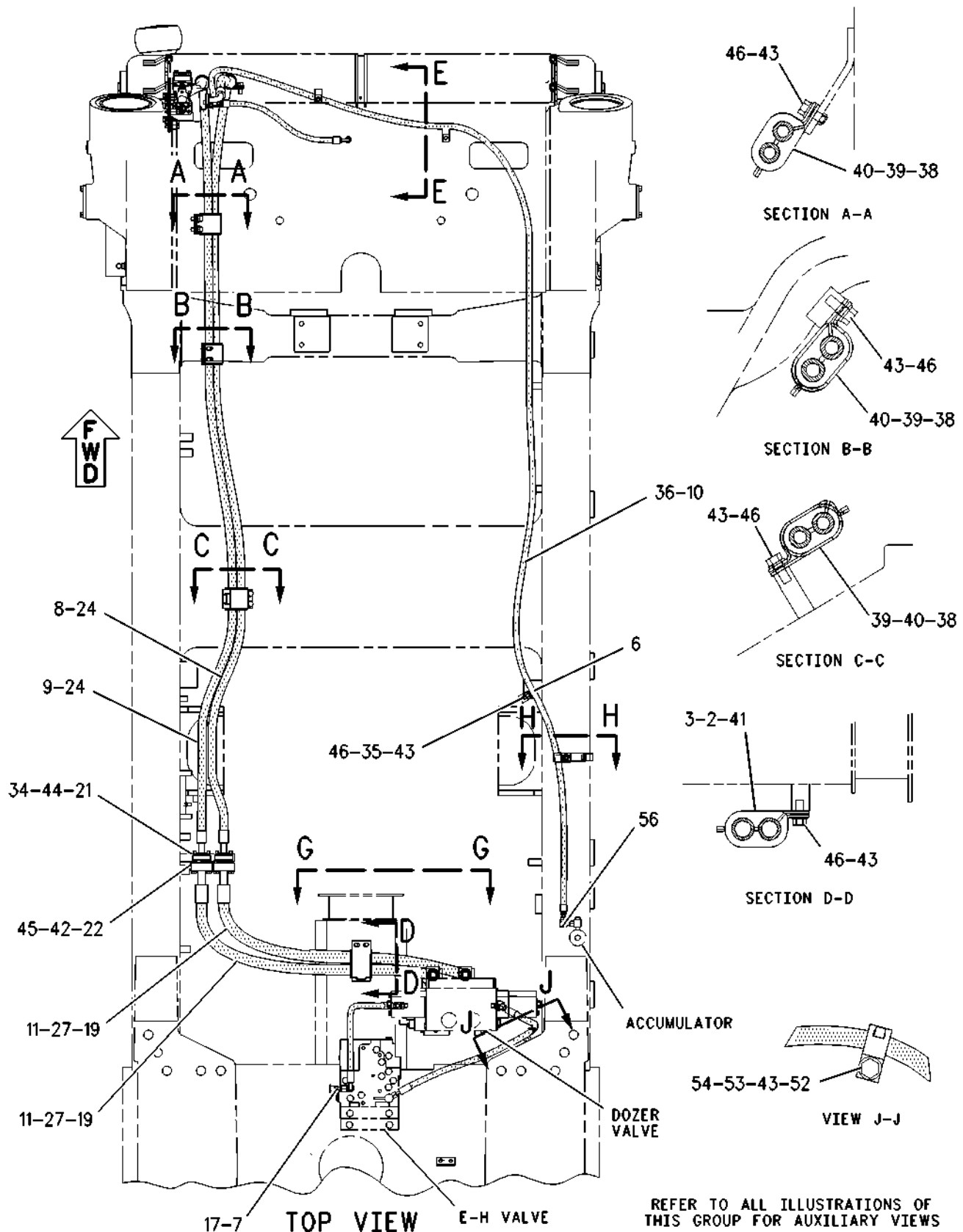
B-USE AS REQUIRED

I-SEE HOSE FABRICATION GUIDE

HYDRAULIC SYSTEM

158-8042 LINES GP-TILT CYLINDER (contd.)

101582702



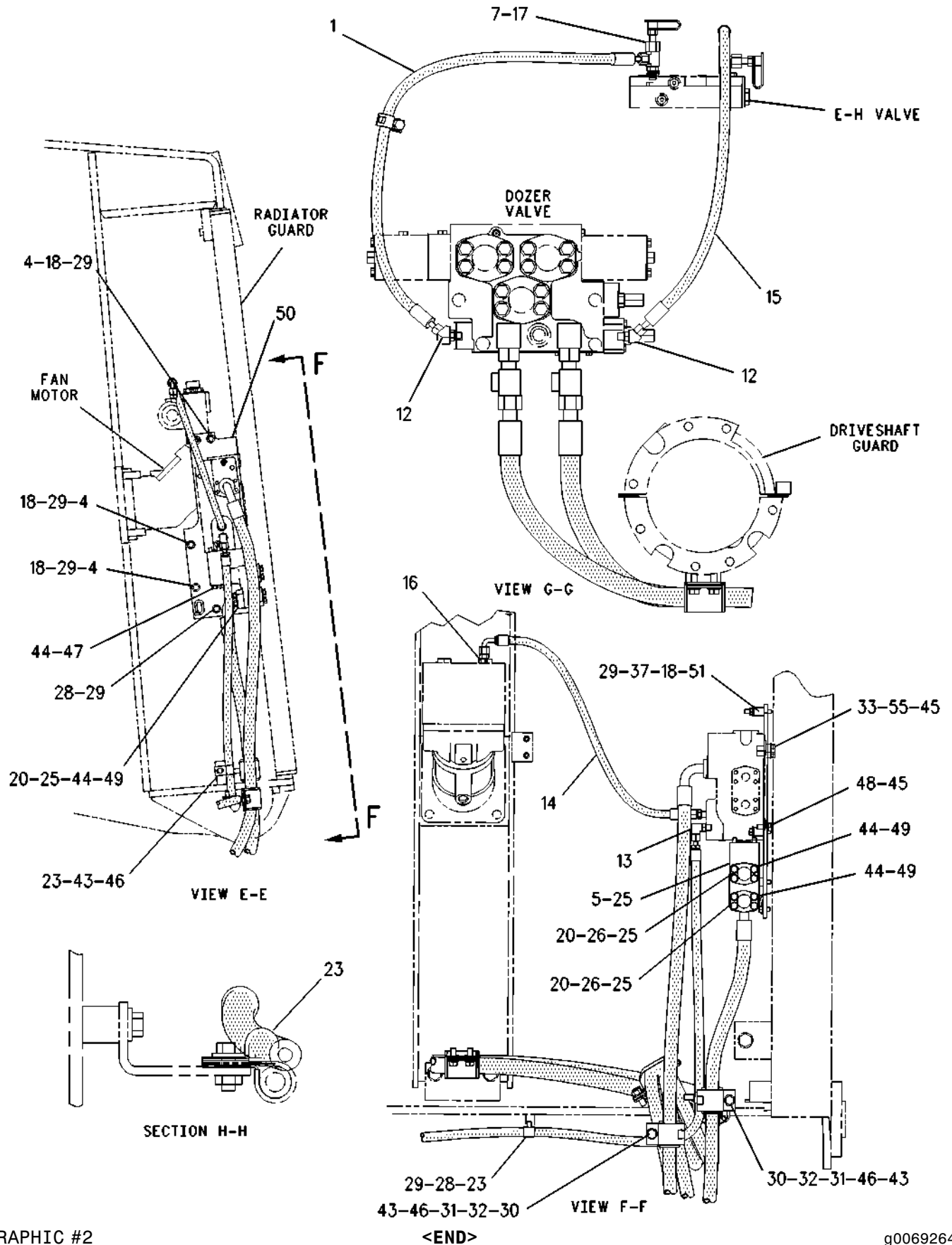
GRAPHIC #1

g00838017

HYDRAULIC SYSTEM

158-8042 LINES GP-TILT CYLINDER (contd.)

i01582702



GRAPHIC #2

<END>

g00692640

HYDRAULIC SYSTEM

158-8043 LINES GP-TILT CYLINDER-CHASSIS

S/N: 7PZ1-UP

PART OF 158-8044 CONTROL AR-HYDRAULIC
AN ATTACHMENT

SMCS-5057, 5104

i01515831

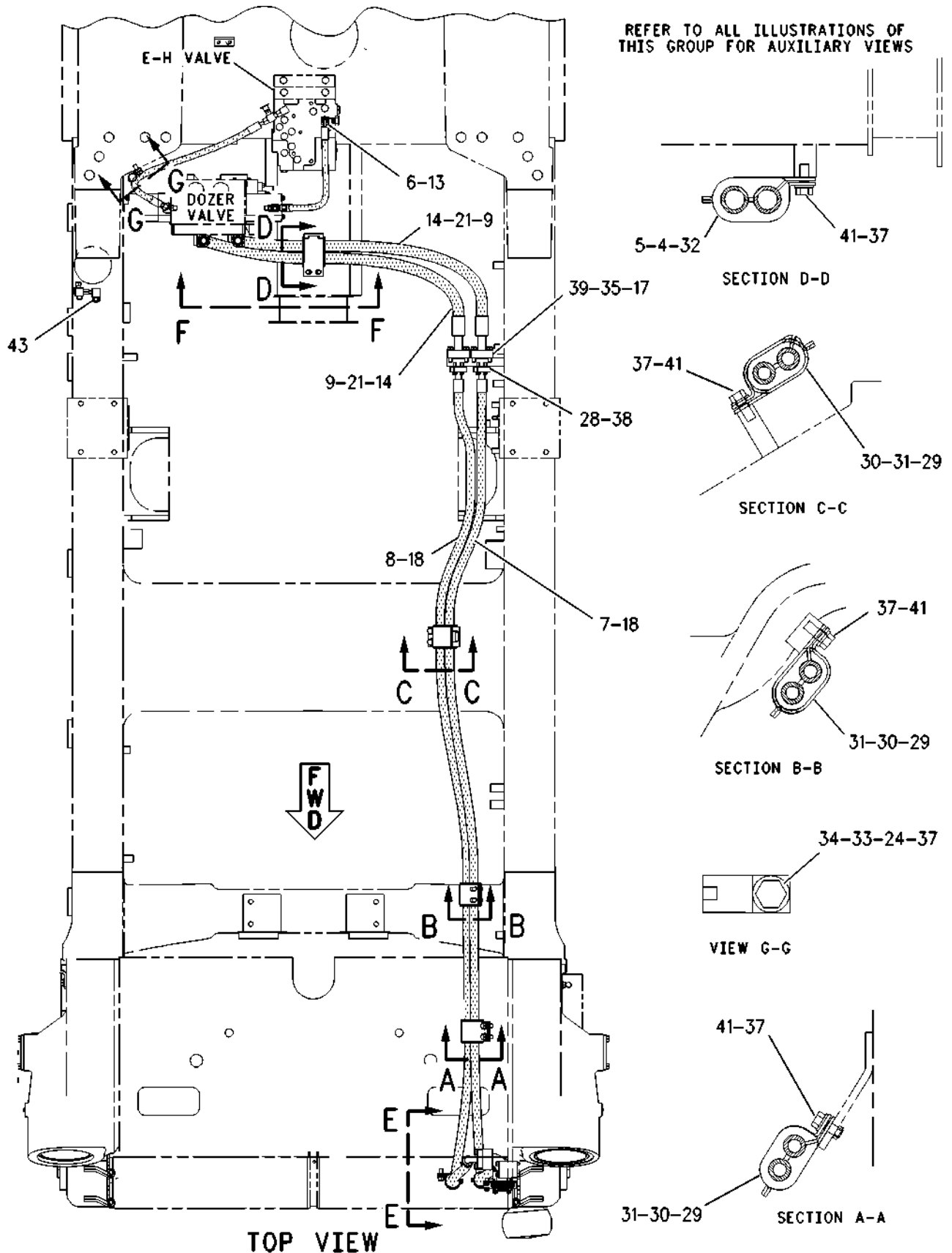
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	2	5T-9686	1	HOSE AS						
	2	2	6Y-3567	1	ELBOW						
	3	2	6Y-3568	1	COVER						
	4	1	7G-5984	1	CLIP (TAB)						
	5	1	7G-5985	1	CLIP (SLOT)						
	6	1,2	126-0814	2	FITTING AS						
I	7	1	133-6524	1	HOSE AS						
I	8	1	133-6525	1	HOSE AS						
I	9	1	148-7214	2	HOSE AS						
	10	2	148-8353	2	ELBOW GP						
					(EACH INCLUDES)						
		2	3J-1907	1	SEAL-O-RING						
		2	6V-8397	1	SEAL-O-RING						
		2	6V-9001	1	ELBOW						
I	11	2	171-4581	1	HOSE AS						
	12	2	186-2771	1	PLATE AS						
		2	1F-0750	3	NUT-WELD (3/8-16 THD)						
	13	1,2	148-8435	2	TEE GP						
					(EACH INCLUDES)						
		1,2	3J-1907	1	SEAL-O-RING						
		1,2	6V-8397	2	SEAL-O-RING						
		1,2	6V-8781	1	TEE-FACE SEAL						
	14	1	1P-3703	2	SEAL-RECTANGULAR						
	15	2	1P-4576	6	FLANGE						
	16	2	1P-4577	6	FLANGE-HALF						
	17	1	1P-5766	4	FLANGE-HALF						
	18	1	4J-0520	3	SEAL-O-RING						
	19	2	4J-5267	3	SEAL-O-RING						
	20	2	5H-4018	2	COVER						
	21	1	5K-9090	2	SEAL-O-RING						
	22	2	5M-3062	6	BOLT (3/8-16X0.75 IN)						
	23	2	5P-1075	4	WASHER-HARD (10.2X22.5X3MM THK)						
	24	1	5P-2228	1	BOLT (1/2-13X1 IN)						
	25	2	5P-7466	2	CLIP (SLOT)						
	26	2	5P-7467	2	CLIP (TAB)						
	27	2	5P-8112	2	GROMMET						
	28	1,2	5S-7382	20	BOLT (3/8-16X1.375 IN)						
	29	1	7G-3832	3	GROMMET						
	30	1	7G-3833	3	CLIP (TAB)						
	31	1	7G-3834	3	CLIP (SLOT)						
	32	1	7G-5986	1	GROMMET						
	33	1	7S-3912	1	CLIP (TAB)						
	34	1	7S-3913	1	CLIP (SLOT)						
	35	1	8C-6877	8	BOLT (7/16-14X1.75 IN)						
	36	2	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
	37	1,2	8T-4223	11	WASHER-HARD (13.5X25.5X3MM THK)						
	38	1,2	8T-4896	26	WASHER-HARD (10.2X18.5X2.5MM THK)						
	39	1	8T-5360	8	WASHER (12X22.5X2.5MM THK)						
	40	2	8T-8915	2	BOLT (3/8-16X3.25 IN)						
	41	1,2	8T-8917	10	BOLT (1/2-13X1.25 IN)						
	42	2	9B-7237	4	BOLT (3/8-16X1.25 IN)						
	43	1	6V-9829	1	CAP AS						
		1	6V-8553	1	NUT-FACE SEAL						

I-SEE HOSE FABRICATION GUIDE

HYDRAULIC SYSTEM

158-8043 LINES GP-TILT CYLINDER (contd.)

101515831



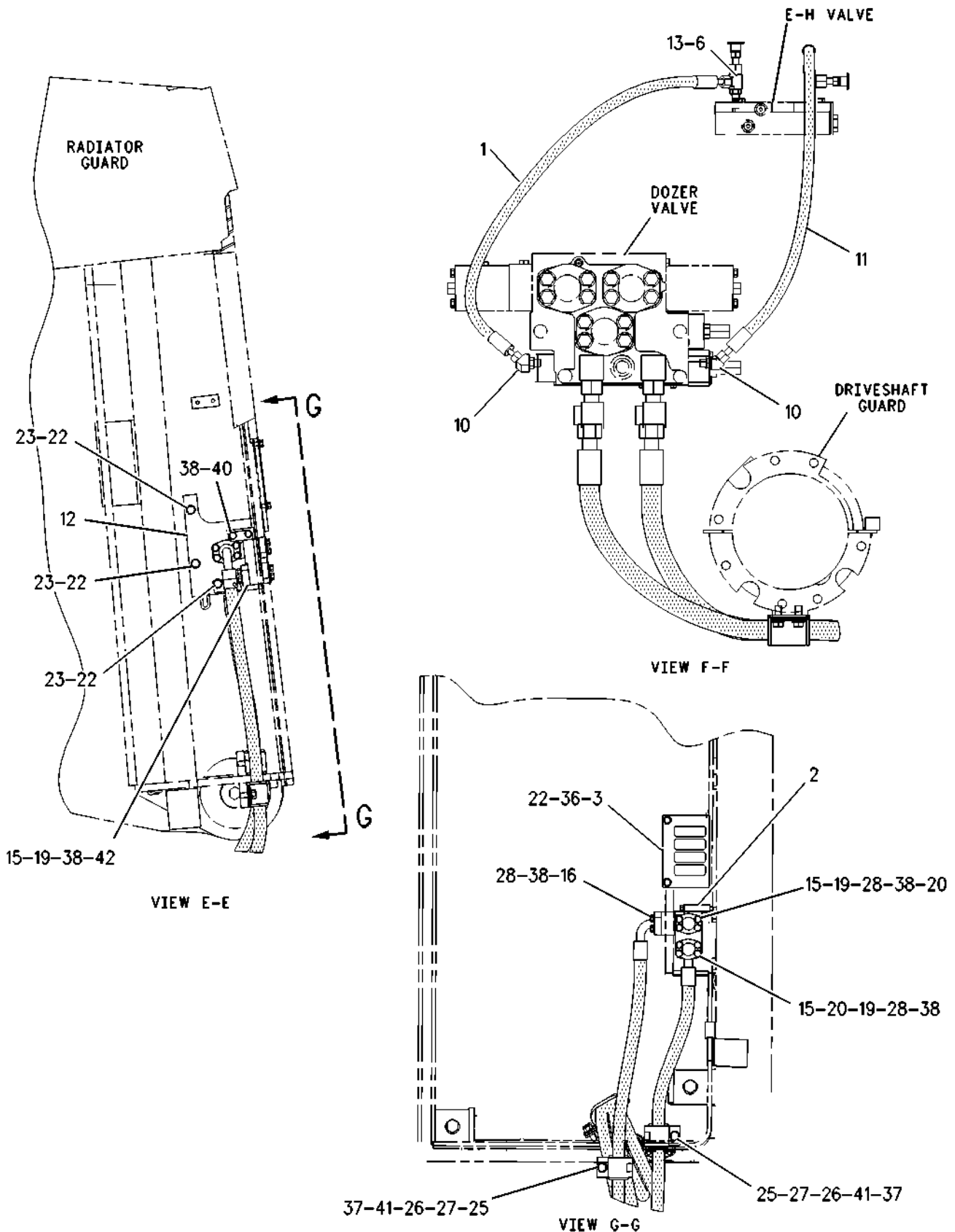
GRAPHIC #1

g00800595

HYDRAULIC SYSTEM

158-8043 LINES GP-TILT CYLINDER (contd.)

i01515831



GRAPHIC #2

<END>

g00663750

HYDRAULIC SYSTEM

226-6537 MANIFOLD GP-CONTROL-HYDRAULIC FAN

S/N: 7PZ652-UP

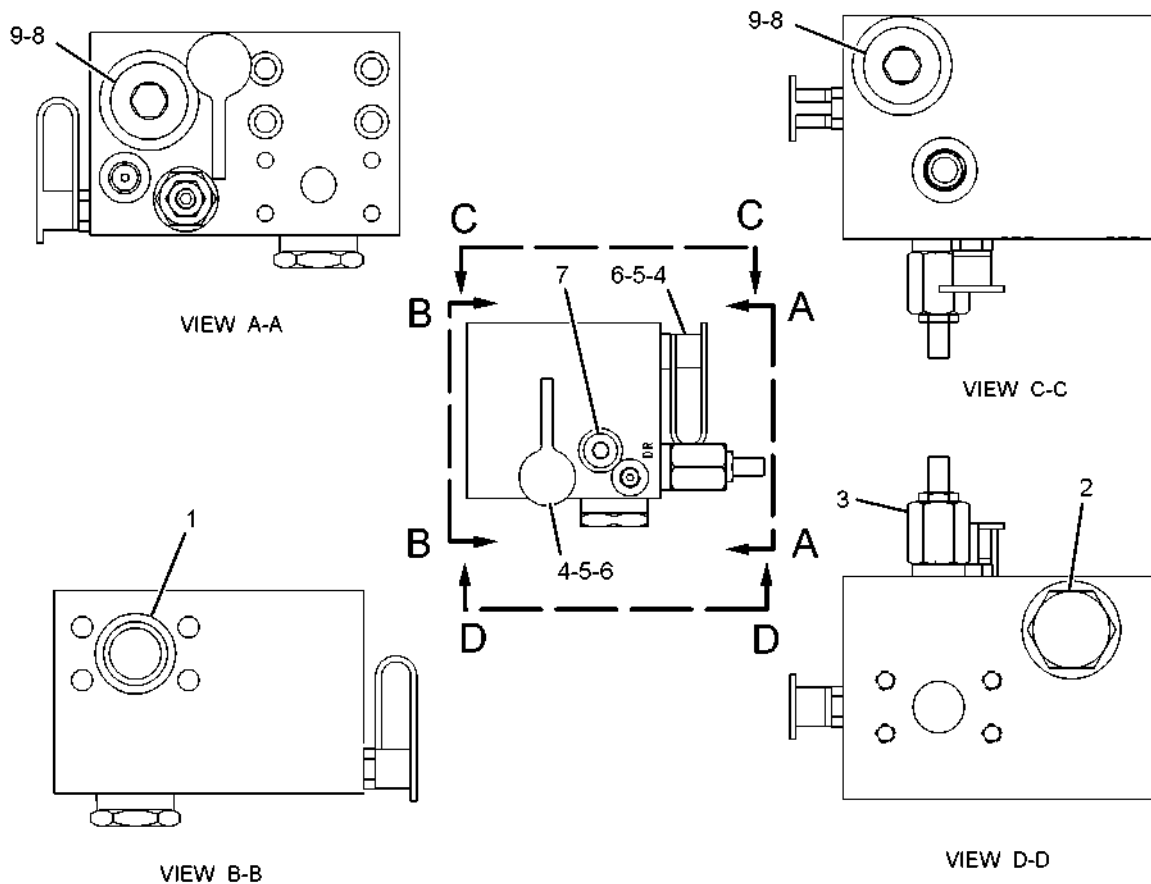
PART OF 172-5596 LINES GP-HYDRAULIC FAN

SMCS-5264

i01953091

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4J-0520	1	SEAL-O-RING						
Y	2	1	128-2780	1	VALVE GP-CHECK (HYDRAULIC FLUID)						864
Y	3	1	220-4551	1	VALVE GP-SEQUENCE (HYDRAULIC FLUID FLOW)						897
	4	1	6V-3965	2	FITTING (QUICK DISCONNECT)						
	5	1	6V-0852	2	CAP-DUST						
	6	1	3J-1907	2	SEAL-O-RING						
	7	1	9S-4191	1	PLUG						
	8	1	9S-4181	2	PLUG						
	9	1	7M-8485	2	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01026478

HYDRAULIC SYSTEM

127-4490 MOTOR GP-FAN

S/N: 7PZ1-288

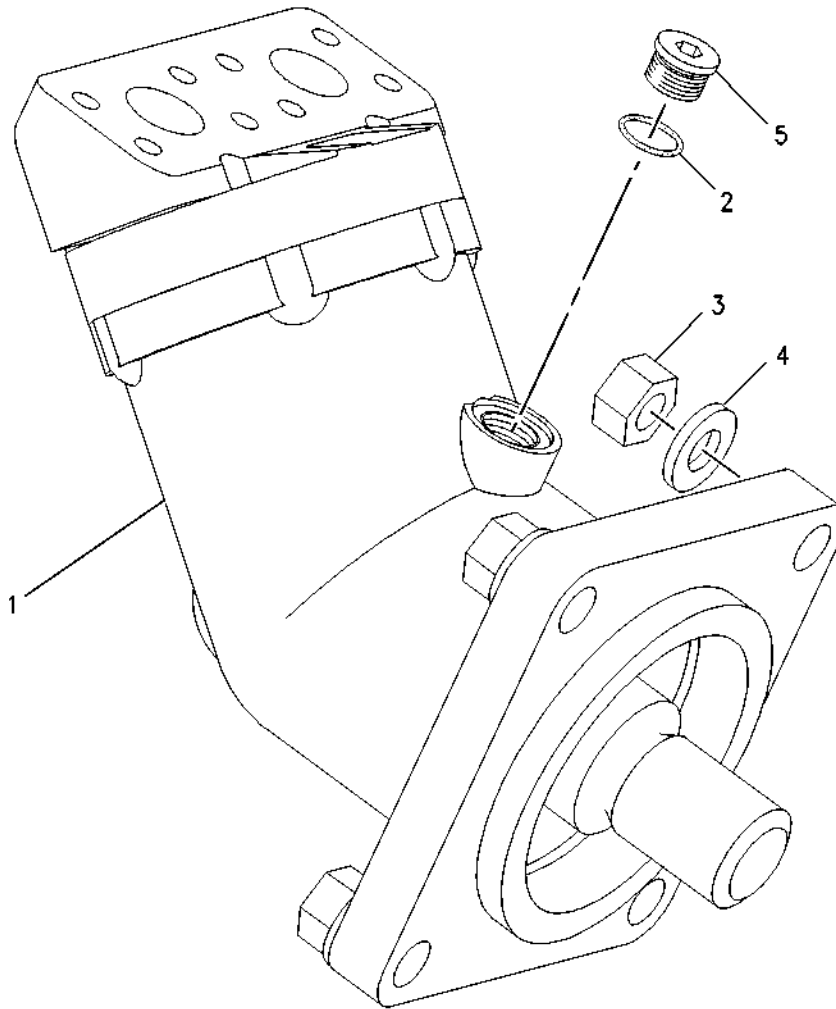
PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1386

i01988900

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CYR	1	1	159-7161	1	MOTOR GP-PISTON						824
	2	1	2M-9780	1	SEAL-O-RING						
	3	1	6V-8182	4	NUT (3/4-10 THD)						
	4	1	8T-4994	4	WASHER-HARD (20X36.5X3.5MM THK)						
	5	1	9S-8006	1	PLUG						

C-CHANGE FROM PREVIOUS TYPE
R-REMG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00747510

HYDRAULIC SYSTEM

176-7002 MOTOR GP-FAN

S/N: 7PZ289-UP

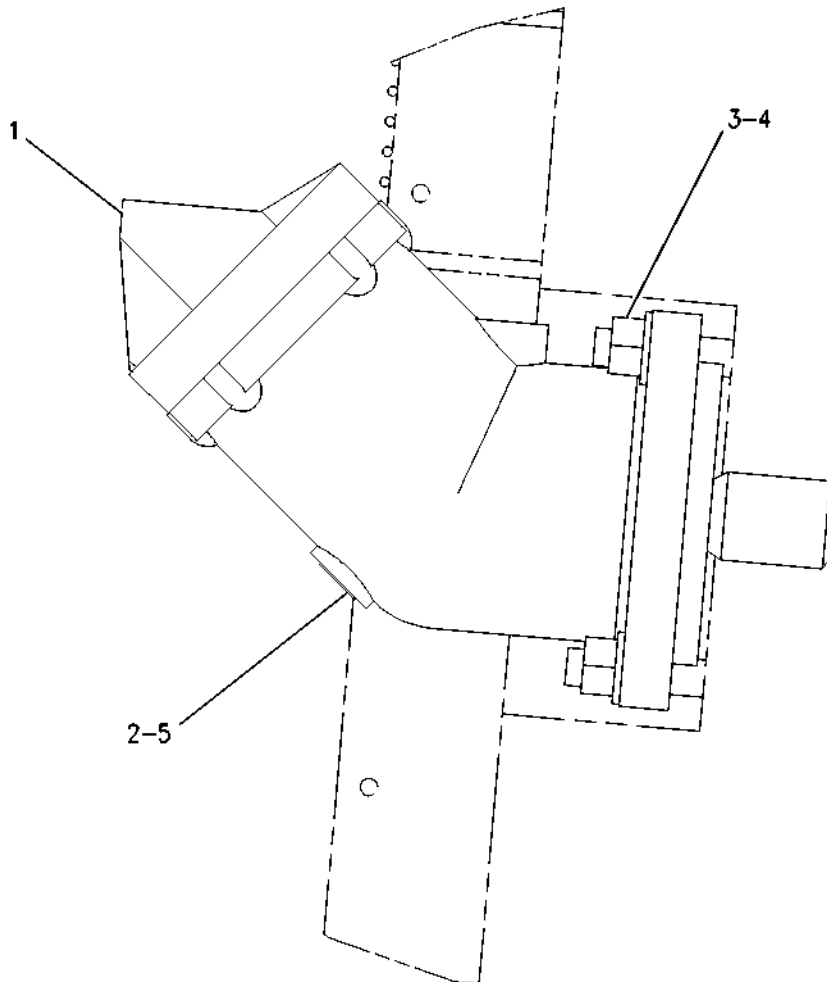
PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-1386

i01988953

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
YR	1	1	159-7161	1	MOTOR GP-PISTON						824
	2	1	2M-9780	1	SEAL-O-RING						
	3	1	6V-8182	4	NUT (3/4-10 THD)						
	4	1	8T-4994	4	WASHER-HARD (20X36.5X3.5MM THK)						
	5	1	9S-8006	1	PLUG						

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00683535

HYDRAULIC SYSTEM

159-7161 MOTOR GP-PISTON-FAN*R

S/N: 7PZ1-UP

PART OF 127-4490, 176-7002 MOTOR GP-FAN

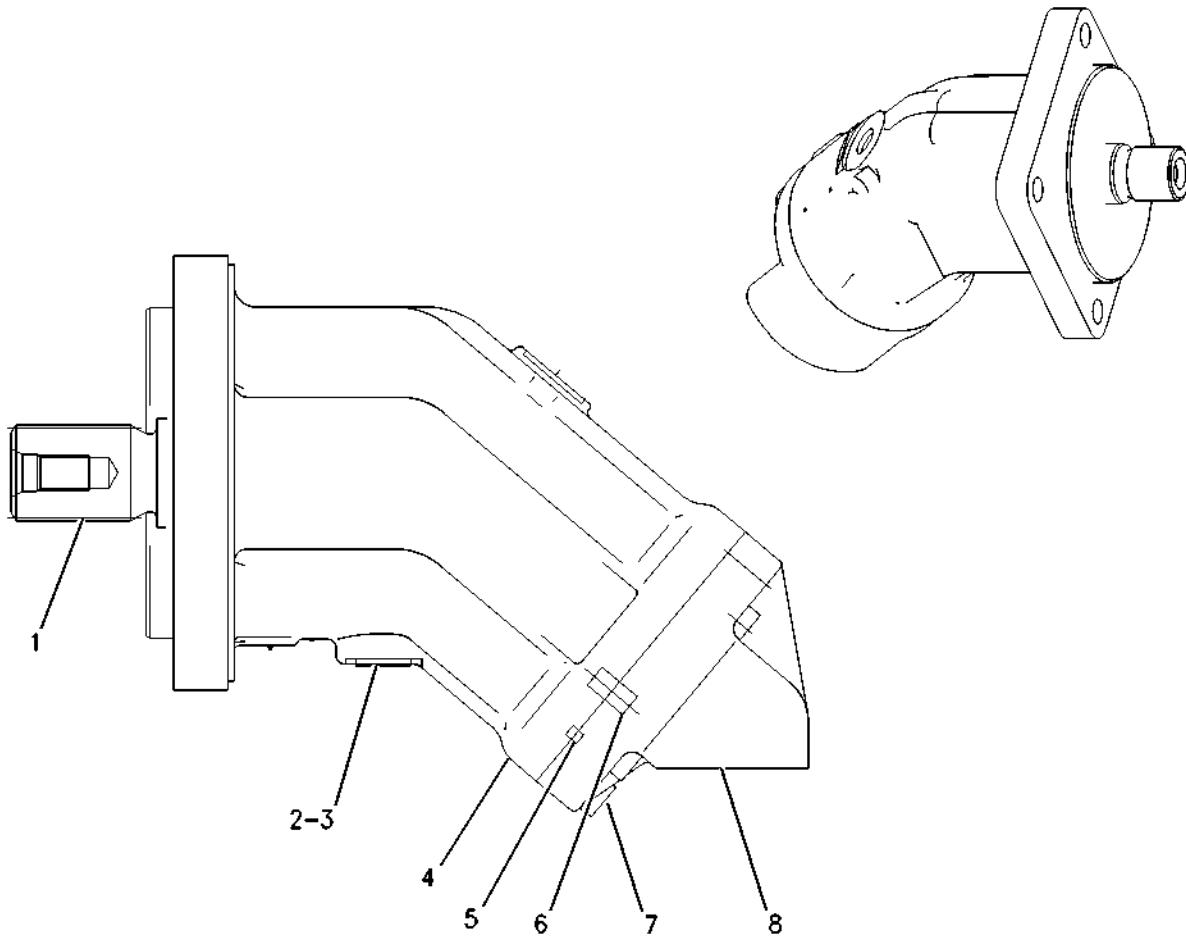
SMCS-5058

i01707402

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	171-3065	1	ROTATING GP-MOTOR						843
	2	1	9S-8006	1	PLUG						
	3	1	2M-9780	1	SEAL-O-RING						
	4	1	9T-1641	1	HOUSING						
	5	1	6V-1197	1	SEAL-O-RING						
	6	1	8T-4231	1	DOWEL						
M	7	1	8T-3957	6	BOLT-HEX SOCKET (M12X1.75X30MM)						
	8	1	119-6121	1	HEAD						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00605328

HYDRAULIC SYSTEM

7T-7575 MOUNTING GP-CYLINDER-LIFT

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

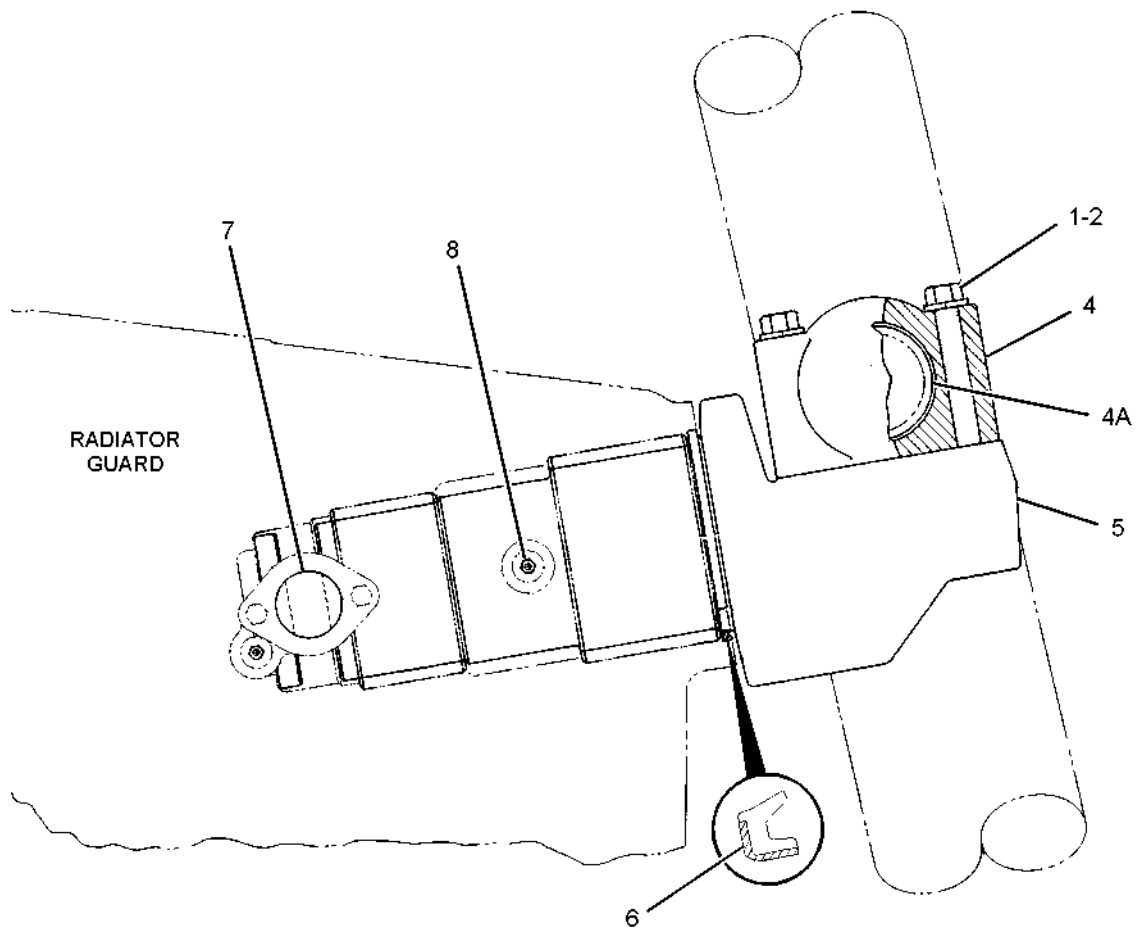
PART OF 119-4267, 119-4268 BULLDOZER AR-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-7562

i01988946

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	7X-0394	8	BOLT (7/8-9X7 IN)						
	2	1	7X-0525	8	WASHER-HARD (24X41.5X6MM THK)						
	4	1	9J-6001	4	CAP AS						
					(EACH INCLUDES)						
	4A	1	9J-5942	1	BEARING-SLEEVE						
C	5	1	231-6574	2	YOKE						
	6	1	5P-9609	2	SEAL-LIP TYPE						
	7	1	5J-5365	2	PIN						
	8	1	3B-8489	4	FITTING-GREASE						

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES
C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g01025407

HYDRAULIC SYSTEM

198-7341 MOUNTING GP-CYLINDER

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

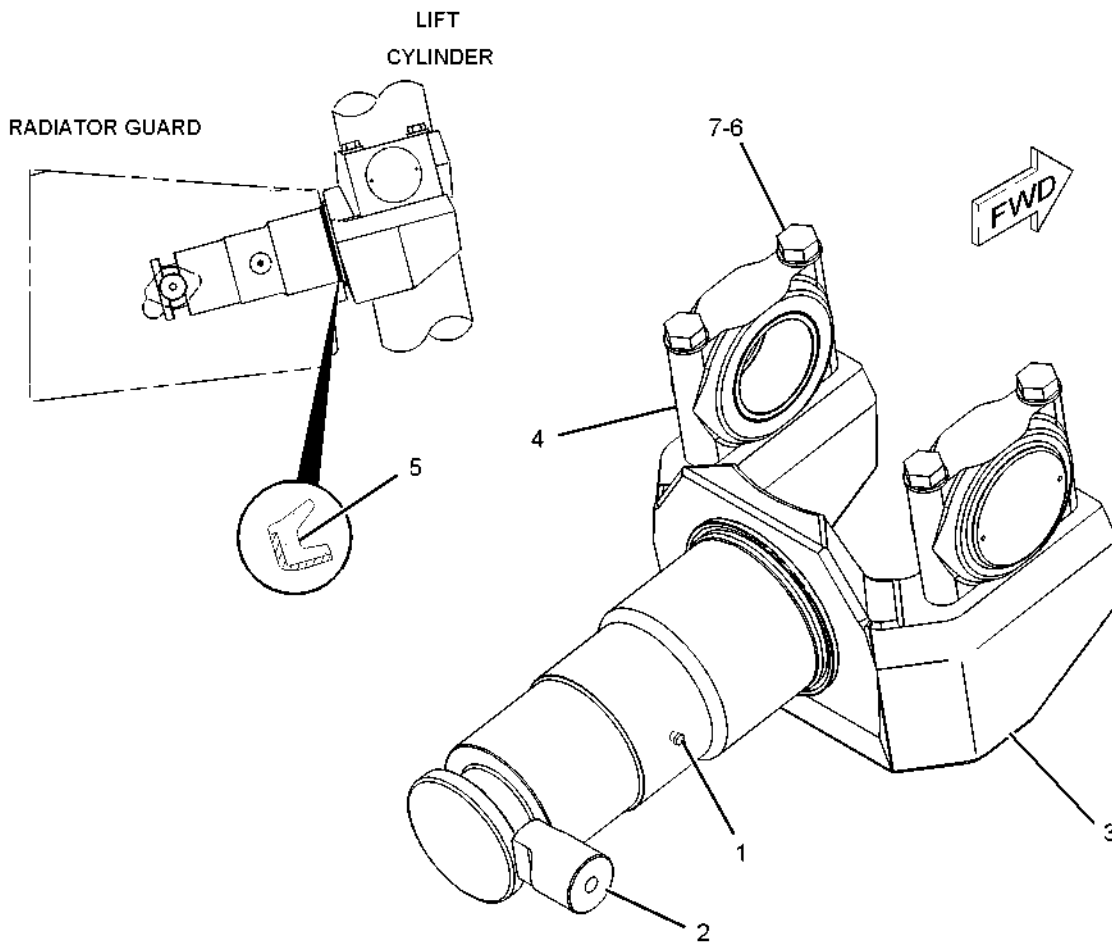
PART OF 199-8241 BULLDOZER AR-SEMI-UNIVERSAL, 199-8240 BULLDOZER AR-UNIVERSAL
FOR USE WITH 201-3218-PAGE 673, 201-3215-PAGE 671
AN ATTACHMENT

SMCS-7562

i01606431

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	2	FITTING-GREASE						
	2	1	5J-5365	2	PIN						
	3	1	197-6689	2	YOKE						
	4	1	198-7366	4	CAP AS						
					(EACH INCLUDES)						
		1	198-7343	1	BEARING-SLEEVE						
	5	1	5P-9609	2	SEAL-LIP TYPE						
M	6	1	7X-2578	8	BOLT (M24X3X200-MM)						
	7	1	8T-4167	8	WASHER-HARD (26X44X4-MM THK)						

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES
M-METRIC PART



GRAPHIC #1

<END>

g00849187

HYDRAULIC SYSTEM

226-0311 MOUNTING GP-CYLINDER-LIFT

S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

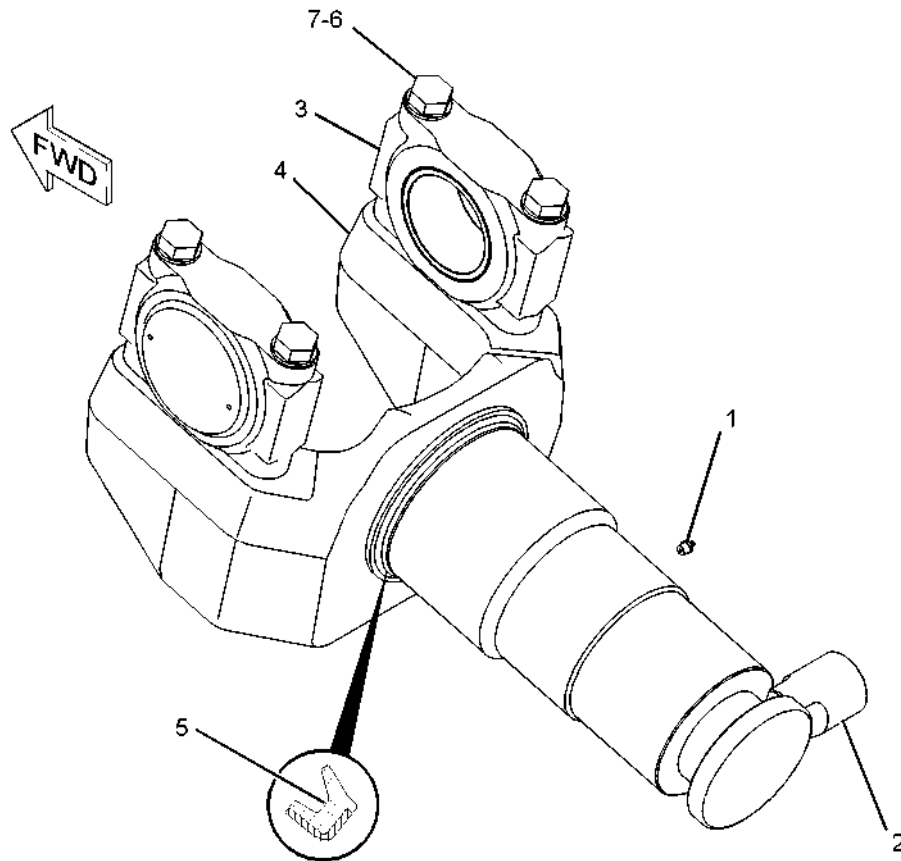
PART OF 226-5919 BULLDOZER AR-SEMI-UNIVERSAL, 226-5918 BULLDOZER AR-UNIVERSAL
FOR USE WITH 201-3218-PAGE 673, 201-3215-PAGE 671
AN ATTACHMENT

SMCS-7562

i01988959

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3B-8489	2	FITTING-GREASE	
	2	1	5J-5365	2	PIN	
	3	1	198-7366	4	CAP AS	
					(EACH INCLUDES)	
		1	198-7343	1	BEARING-SLEEVE	
	4	1	231-6573	2	YOKE	
	5	1	5P-9609	2	SEAL-LIP TYPE	
M	6	1	7X-2578	8	BOLT (M24X3X200MM)	
	7	1	8T-4167	8	WASHER-HARD (26X44X4MM THK)	

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES
M-METRIC PART



GRAPHIC #1

<END>

g01026451

HYDRAULIC SYSTEM

102-0693 PISTON & VALVE GP-RIPPER

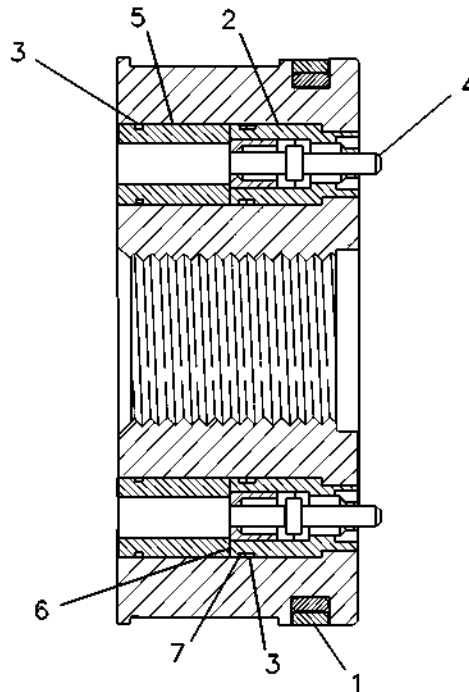
S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP; 7ZP1-UP

PART OF 101-8581, 101-8614, 161-6615, 161-6616 CYLINDER GP-RIPPER
AN ATTACHMENT

SMCS-5064

i01425676

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-1794	1	SEAL AS						
	2	1	6E-1443	2	INSERT						
	3	1	2H-3932	4	SEAL-O-RING (28.17MM ID)						
	4	1	1J-8568	2	PLUNGER						
	5	1	6E-1444	2	SPACER						
	6	1	1J-8569	2	INSERT-PISTON						
	7	1	3K-8692	4	RING-BACKUP						



GRAPHIC #1

<END>

g00231424

HYDRAULIC SYSTEM

164-6427 PISTON & VALVE GP

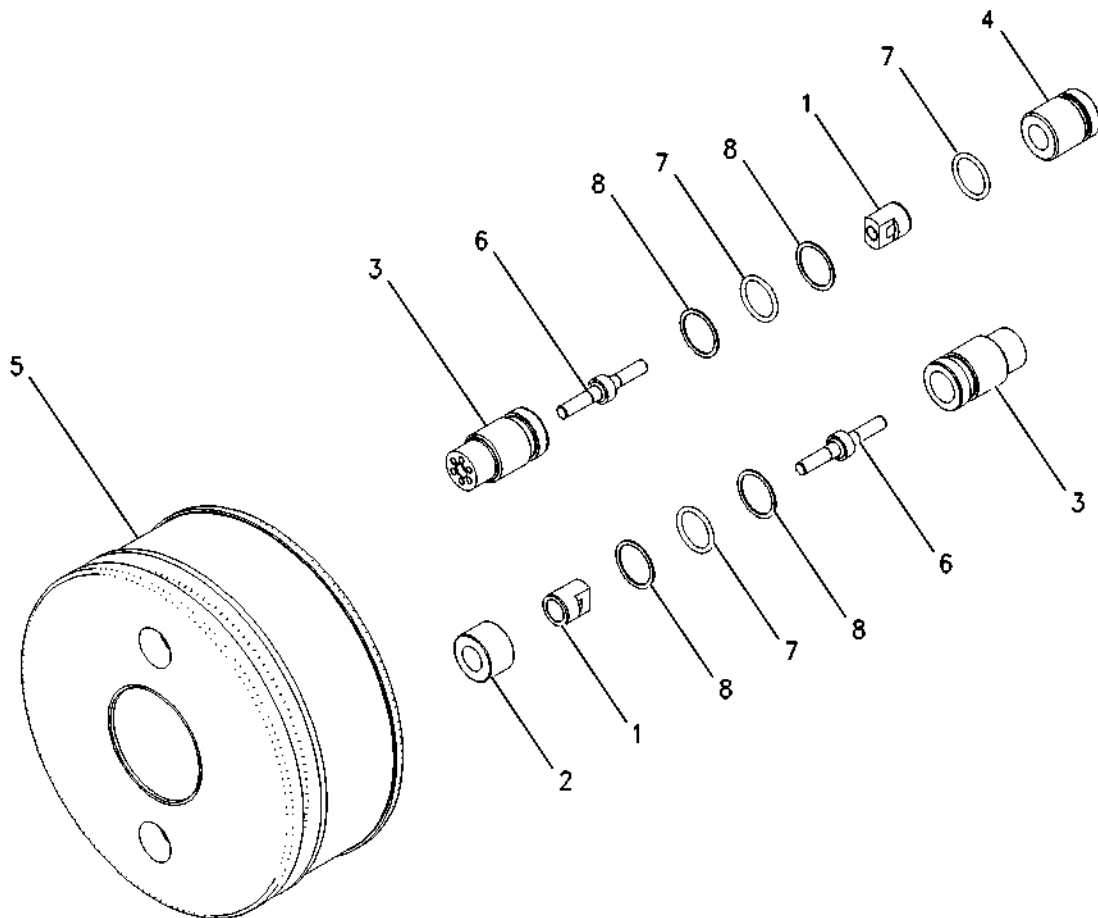
S/N: 8PP1-UP; 8RP1-UP

PART OF 9T-3715, 9T-3716 CYLINDER GP-BULLDOZER TILT
AN ATTACHMENT

SMCS-5064

i02024020

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1J-8569	2	INSERT-PISTON						
	2	1	4T-2578	1	SPACER						
	3	1	6E-1443	2	INSERT						
	4	1	6E-1444	1	SPACER						
	5	1	105-3668	1	PISTON						
	6	1	164-6426	2	PLUNGER						
	7	1	2H-3932	3	SEAL-O-RING						
	8	1	3K-8692	4	RING-BACKUP						



GRAPHIC #1

<END>

g00582901

HYDRAULIC SYSTEM

6E-5294 PUMP GP-GEAR-IMPLEMENT

S/N: 7PZ1-651

PART OF 155-5553 CONTROL AR-HYDRAULIC

FIELD REPLACEMENT ORDER 227-9383-PAGE 832, 221-0293 HOSE AS

SMCS-5073

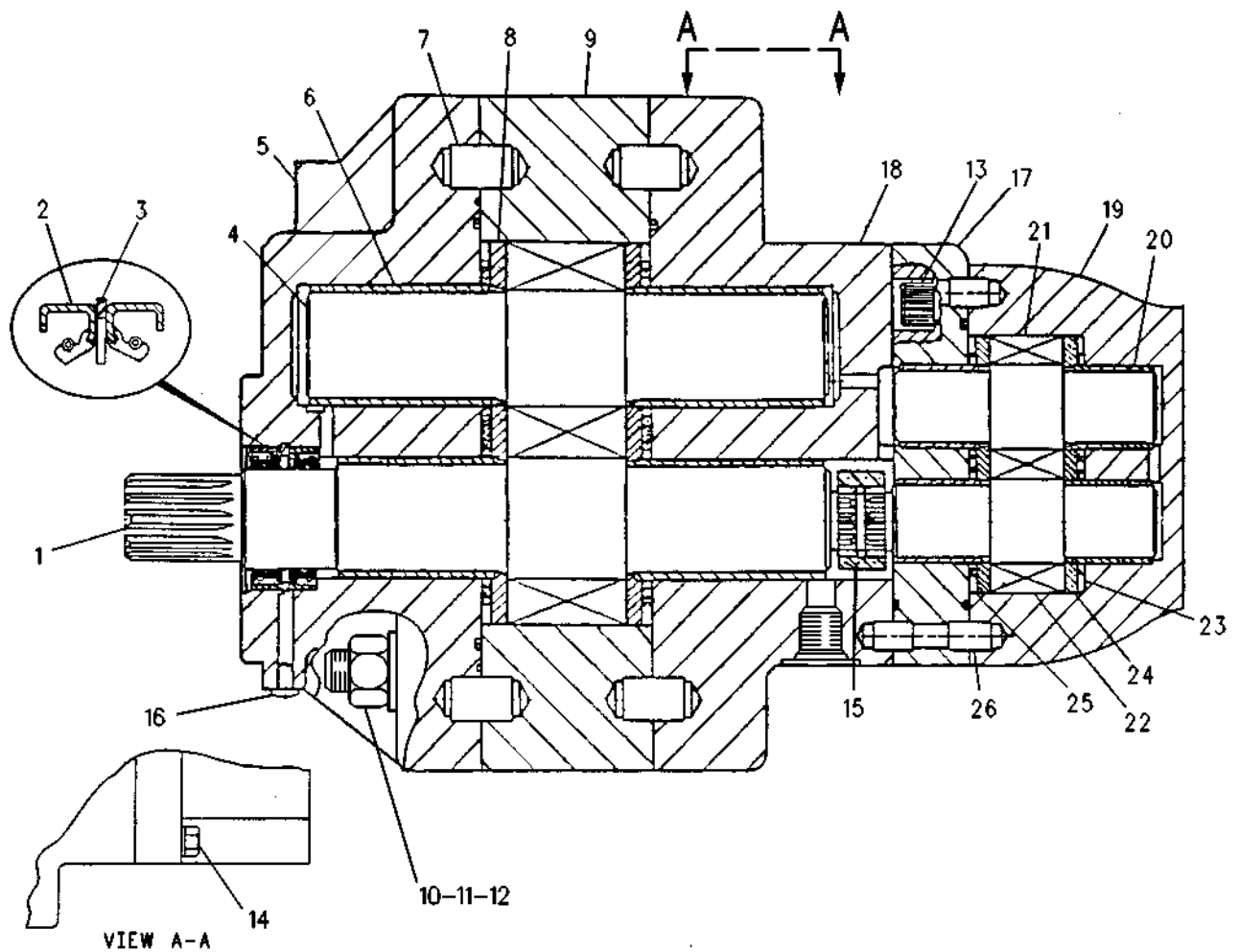
i01988945

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9T-6905	1	SHAFT						
	2	1	3G-1797	2	SEAL-LIP TYPE						
	3	1	4D-1736	1	RING-RETAINING						
	4	1	9T-6906	1	GEAR-IDLER						
	5	1	9T-6907	1	FLANGE AS-RH						
	6	1	9T-7034	4	BUSHING-TERMINAL						
	7	1	9T-2654	4	DOWEL						
	8	1	9T-6908	2	PLATE-PRESSURE						
	9	1	9T-6909	1	PLATE-GEAR						
	10	1	6B-6682	8	NUT-FULL (3/4-16 THD)						
	11	1	5H-1504	8	WASHER-HARD (20X33.5X5MM THK)						
	12	1	7M-4298	8	STUD						
	13	1	2L-0041	8	BOLT (1/2-13X2.25 IN)						
	14	1	5S-2256	4	BOLT (1/2-13X1.75 IN)						
	15	1	9J-4688	1	COUPLING						
	16	1	6E-2943	1	PLUG						
	17	1	9T-6910	1	PLATE AS-BEARING						
	18	1	6E-5536	1	PLATE AS (CONNECTOR)						
	19	1	9T-6912	1	BODY AS						
	20	1	4T-9300	4	BUSHING-TERMINAL						
	21	1	4T-9176	1	GEAR						
	22	1	9T-6913	1	SHAFT-DRIVE						
	23	1	4T-9425	1	PLATE-ISOLATION						
	24	1	4T-8729	2	PLATE-PRESSURE						
	25	1	4T-9426	1	PLATE-ISOLATION						
	26	1	6J-2386	4	DOWEL						
					AVAILABLE REPAIR KIT(S) :						
					9T-6916	1	KIT-SEAL (GEAR PUMP)				
					(INCLUDES SEALS & RINGS)						
					9T-6914	1	KIT-SECTION (FRONT) (GEAR PUMP)				
					9T-6915	1	KIT-SECTION (REAR) (GEAR PUMP)				

HYDRAULIC SYSTEM

6E-5294 PUMP GP-GEAR (contd.)

i01988945



GRAPHIC #1

<END>

g00234454

HYDRAULIC SYSTEM

227-9383 PUMP GP-GEAR-IMPLEMENT

S/N: 7PZ652-UP

PART OF 155-5553 CONTROL AR-HYDRAULIC
FIELD REPLACEMENT FOR 6E-5294-PAGE 830

SMCS-5073

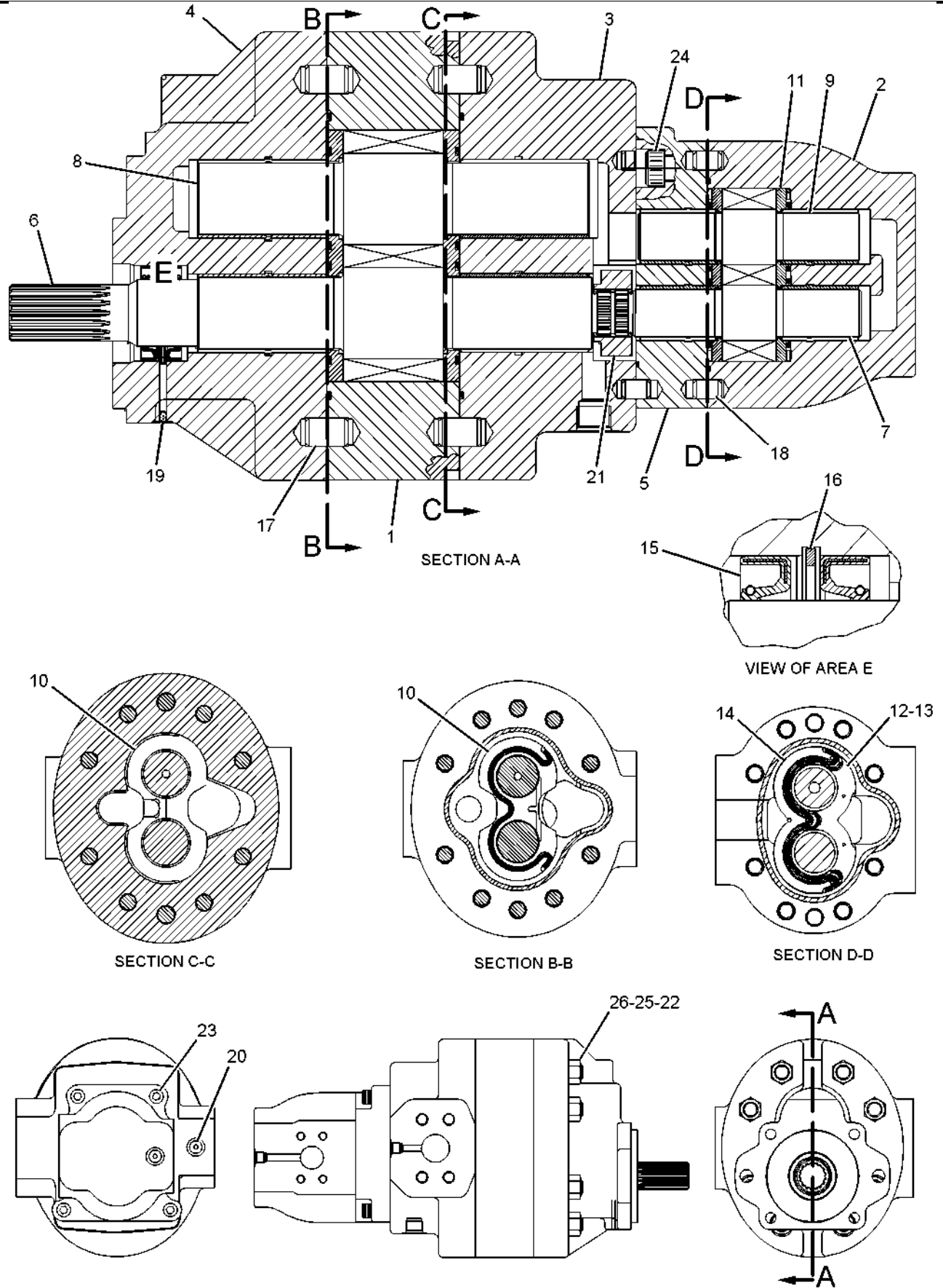
i01952690

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9T-6909	1	PLATE-GEAR	
	2	1	231-9532	1	BODY AS	
	3	1	231-9533	1	PLATE AS	
	4	1	9T-6907	1	FLANGE AS-RH	
	5	1	9T-6910	1	PLATE AS-BEARING	
	6	1	9T-6905	1	SHAFT	
	7	1	9T-6913	1	SHAFT-DRIVE	
	8	1	9T-6906	1	GEAR-IDLER	
	9	1	4T-9176	1	GEAR	
	10	1	120-0241	2	PLATE-PRESSURE	
	11	1	4T-8729	2	PLATE-PRESSURE	
	12	1	4T-9425	1	PLATE-ISOLATION	
	13	1	4T-9426	1	PLATE-ISOLATION	
	14	1	077-4652	2	RING-RETAINING	
J	15	1	215-7636	2	SEAL	
J	16	1	4D-1736	1	RING-RETAINING	
	17	1	9T-2654	4	DOWEL	
	18	1	6J-2386	4	DOWEL	
J	19	1	6E-2943	1	PLUG	
	20	1	9S-8004	2	PLUG	
	21	1	9J-4688	1	COUPLING	
	22	1	7M-4298	8	STUD	
	23	1	5S-2256	4	BOLT (1/2-13X1.75 IN)	
	24	1	2L-0041	8	BOLT (1/2-13X2.25 IN)	
	25	1	5H-1504	8	WASHER-HARD (20X33.5X5MM THK)	
	26	1	6B-6682	8	NUT-FULL (3/4-16 THD)	
AVAILABLE REPAIR KIT(S) :						
J			231-9531	1	KIT-SEAL	
J-KIT MARKED J INCLUDES PARTS MARKED J						

HYDRAULIC SYSTEM

227-9383 PUMP GP - GEAR (contd.)

i01952690



GRAPHIC #1

<END>

g01029669

HYDRAULIC SYSTEM

172-5636 PUMP GP-PISTON-REAR HYDRAULIC FAN

S/N: 7PZ1-UP

PART OF 172-5638 PUMP GP-PISTON

TYPE 1

SMCS-5070

i01988950

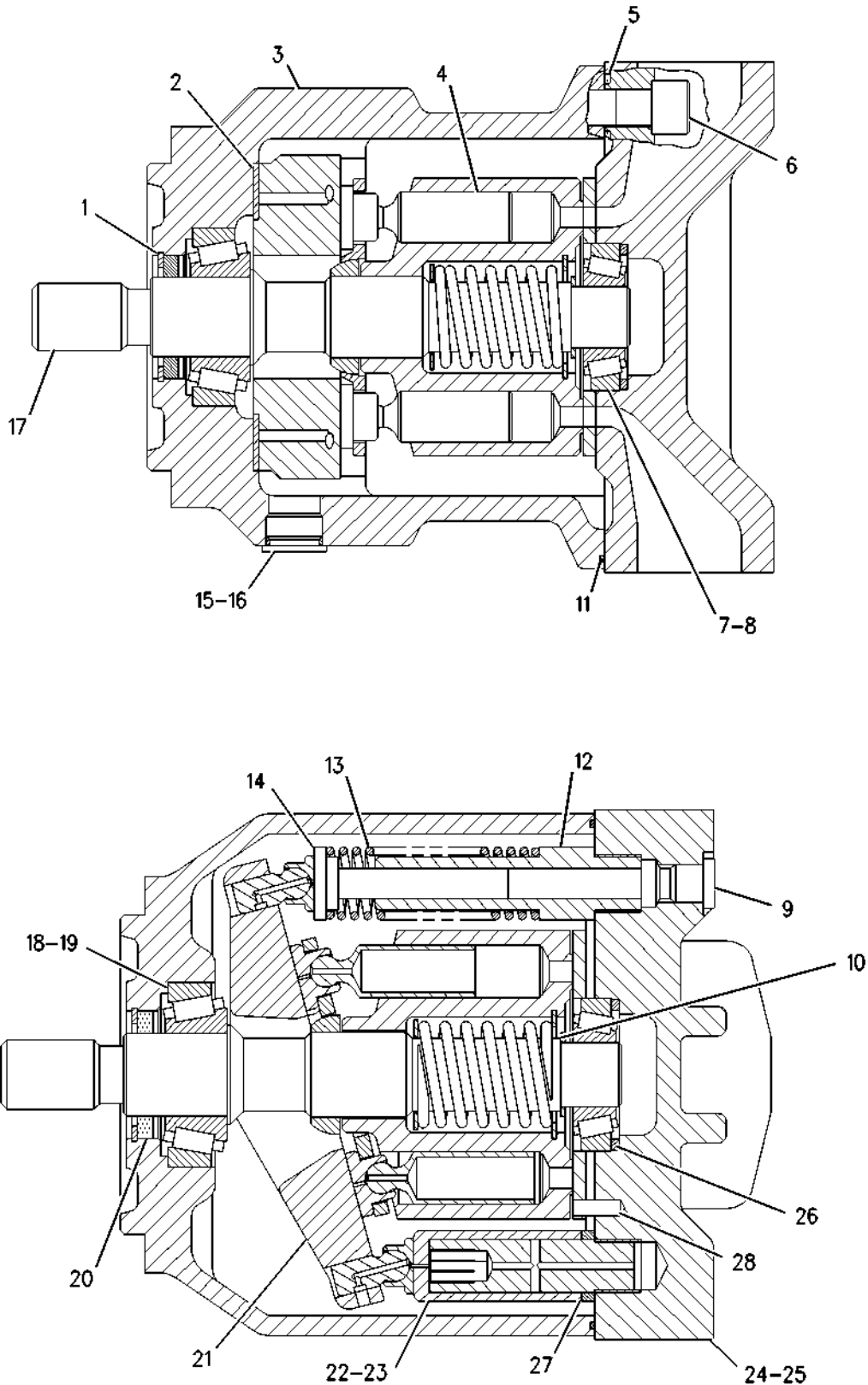
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8C-3110	1	RING-RETAINING	
	2	1	138-4691	2	BEARING-CRADLE	
	3	1	138-4692	1	HOUSING-PUMP	
Y	4	1	138-4693	1	ROTATING GP-PUMP	846
	5	1	3E-6749	4	SEAL-O-RING	
M	6	1	8T-0273	4	BOLT-SOCKET HEAD (M12X1.75X40MM)	
	7	1	6V-4636	1	CUP-BEARING (ROLLER BEARING)	
	8	1	203-9163	1	CONE-BEARING (ROLLER BEARING)	
M	9	1	135-8854	2	PLUG	
B	10	1	127-9483	1	SHIM (PRE-LOAD)	
	11	1	9X-7391	1	SEAL-O-RING	
	12	1	138-4695	1	CYLINDER-BIAS	
	13	1	138-4696	1	SPRING-BIAS	
	14	1	138-4697	1	PLUNGER-BIAS	
	15	1	9S-8006	1	PLUG	
	16	1	2M-9780	1	SEAL-O-RING	
	17	1	168-7872	1	SHAFT-PUMP	
	18	1	203-8609	1	CUP-BEARING	
	19	1	105-3035	1	CONE-BEARING	
	20	1	127-9471	1	SEAL-PUMP SHAFT	
	21	1	138-4698	1	SWASHPLATE AS	
	22	1	138-4699	1	PISTON-CONTROL	
	23	1	138-4700	1	GUIDE-PISTON	
	24	1	138-4701	1	HEAD-PUMP	
	25	1	136-8423	1	PLUG-BREAK OFF	
	26	1	138-4703	1	SPACER-BEARING (38.5X45X3MM THK)	
	27	1	145-9361	1	SPACER	
	28	1	127-9487	1	PIN-DOWEL	
FY		1	118-2874	1	VALVE GP-PUMP CONTROL (PRESSURE, FLOW COMPENSATOR)	891

B-USE AS REQUIRED
F-NOT SHOWN
M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

172-5636 PUMP GP - PISTON (contd.)

i01988950



GRAPHIC #1

<END>

g00805330

HYDRAULIC SYSTEM

172-5636 PUMP GP-PISTON-REAR HYDRAULIC FAN

S/N: 7PZ1-UP

PART OF 172-5638 PUMP GP-PISTON
TYPE 2

SMCS-5070

i02023863

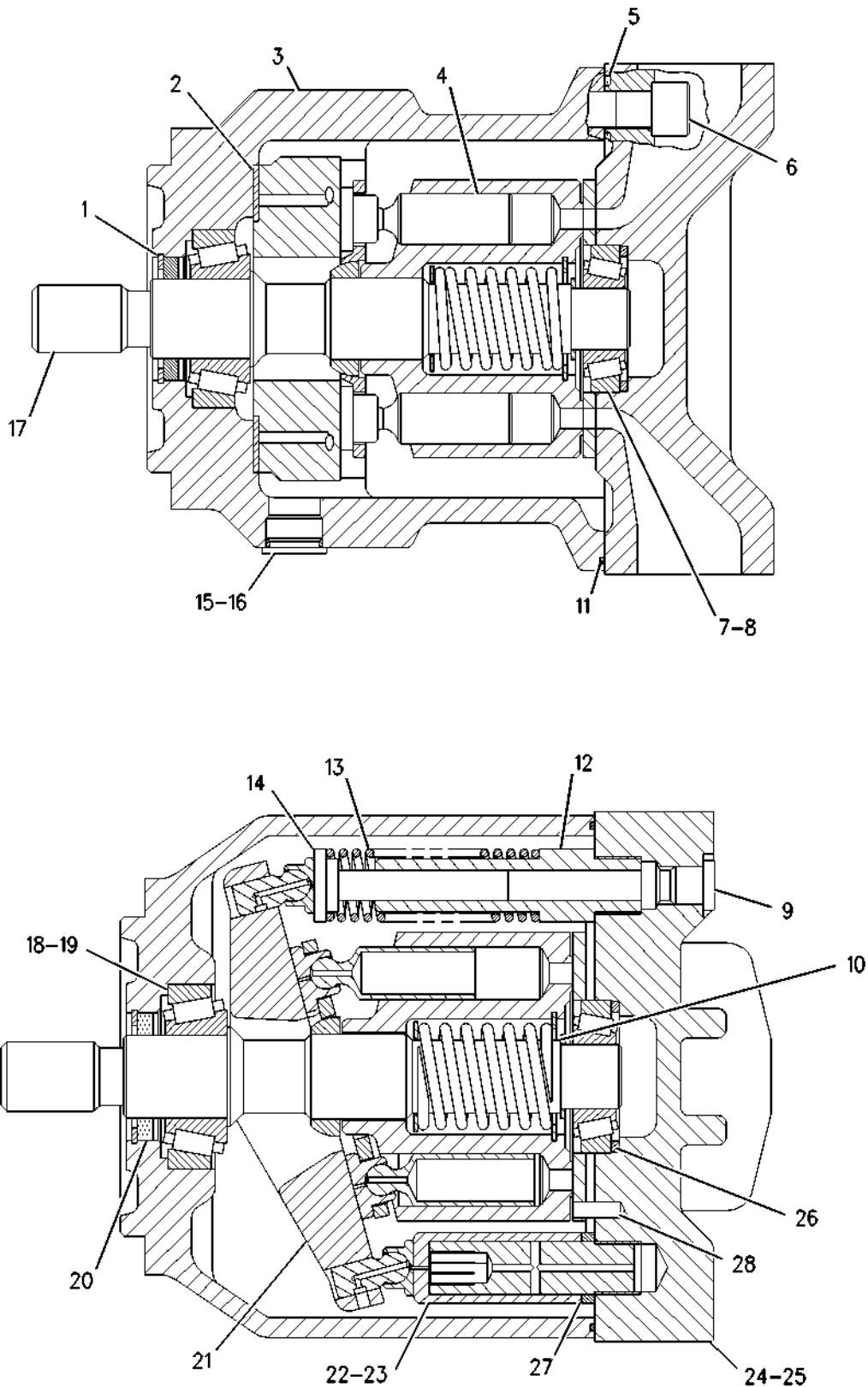
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8C-3110	1	RING-RETAINING	
	2	1	138-4691	2	BEARING-CRADLE	
	3	1	138-4692	1	HOUSING-PUMP	
Y	4	1	138-4693	1	ROTATING GP-PUMP	846
	5	1	3E-6749	4	SEAL-O-RING	
M	6	1	8T-0273	4	BOLT-SOCKET HEAD (M12X1.75X40-MM)	
	7	1	6V-4636	1	CUP-BEARING (ROLLER BEARING)	
	8	1	203-9163	1	CONE-BEARING (ROLLER BEARING)	
M	9	1	135-8854	2	PLUG	
B	10	1	127-9483	1	SHIM (PRE-LOAD)	
	11	1	9X-7391	1	SEAL-O-RING	
	12	1	138-4695	1	CYLINDER-BIAS	
	13	1	138-4696	1	SPRING-BIAS	
	14	1	138-4697	1	PLUNGER-BIAS	
	15	1	9S-8006	1	PLUG	
	16	1	2M-9780	1	SEAL-O-RING	
	17	1	168-7872	1	SHAFT-PUMP	
	18	1	203-8609	1	CUP-BEARING	
	19	1	105-3035	1	CONE-BEARING	
	20	1	127-9471	1	SEAL-PUMP SHAFT	
	21	1	138-4698	1	SWASHPLATE AS	
	22	1	138-4699	1	PISTON-CONTROL	
	23	1	138-4700	1	GUIDE-PISTON	
	24	1	138-4701	1	HEAD-PUMP	
	25	1	136-8423	1	PLUG-BREAK OFF	
	26	1	138-4703	1	SPACER-BEARING (38.5X45X3-MM THK)	
	27	1	145-9361	1	SPACER	
	28	1	127-9487	1	PIN-DOWEL	
CFY		1	193-3182	1	VALVE GP-PUMP CONTROL (PRESSURE, FLOW COMPENSATOR)	894

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
F-NOT SHOWN
M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

172-5636 PUMP GP - PISTON (contd.)

i02023863



GRAPHIC #1

<END>

g00805330

HYDRAULIC SYSTEM

172-5637 PUMP GP-PISTON-FRONT HYDRAULIC FAN

S/N: 7PZ1-UP

PART OF 172-5638 PUMP GP-PISTON

TYPE 1

SMCS-5070

i01563929

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6E-3343	1	RING	
	2	1	6E-4003	2	BEARING	
	3	1	6E-3995	1	HOUSING	
Y	4	1	6E-6160	1	ROTATING GP-PUMP	845
	5	1	3E-6769	4	SEAL-O-RING	
M	6	1	095-9805	4	BOLT-SOCKET HEAD	
	7	1	1P-6872	1	CUP-ROLLER BEARING	
	8	1	8C-7110	1	CONE-ROLLER BEARING	
	9	1	105-2146	2	PLUG	
	10	1	6E-4000	1	SPACER (25.5X35X3MM THK)	
	11	1	3E-6770	1	SEAL-O-RING	
	12	1	6E-6175	1	CYLINDER	
	13	1	6E-6176	1	SPRING	
	14	1	6E-6174	1	PLUNGER	
	15	1	9S-8006	1	PLUG	
	16	1	2M-9780	1	SEAL-O-RING	
	17	1	138-4350	1	SHAFT-PUMP	
	18	1	8J-0412	1	CUP-ROLLER BEARING	
	19	1	3P-1210	1	CONE-ROLLER BEARING	
	20	1	6E-4004	1	SEAL-SHAFT	
	21	1	136-3715	1	SWASHPLATE AS	
	22	1	6E-6172	1	PISTON	
	23	1	6E-6173	1	GUIDE	
	24	1	138-4346	1	HEAD-PUMP	
	25	1	136-8423	1	PLUG-BREAK OFF	
	26	1	083-4419	1	PIN	
	27	1	6E-3999	1	SPACER (49X57X3MM THK)	
FY		1	6E-6170	1	VALVE GP-PRESS & FLOW CMPNSTR	889

F-NOT SHOWN

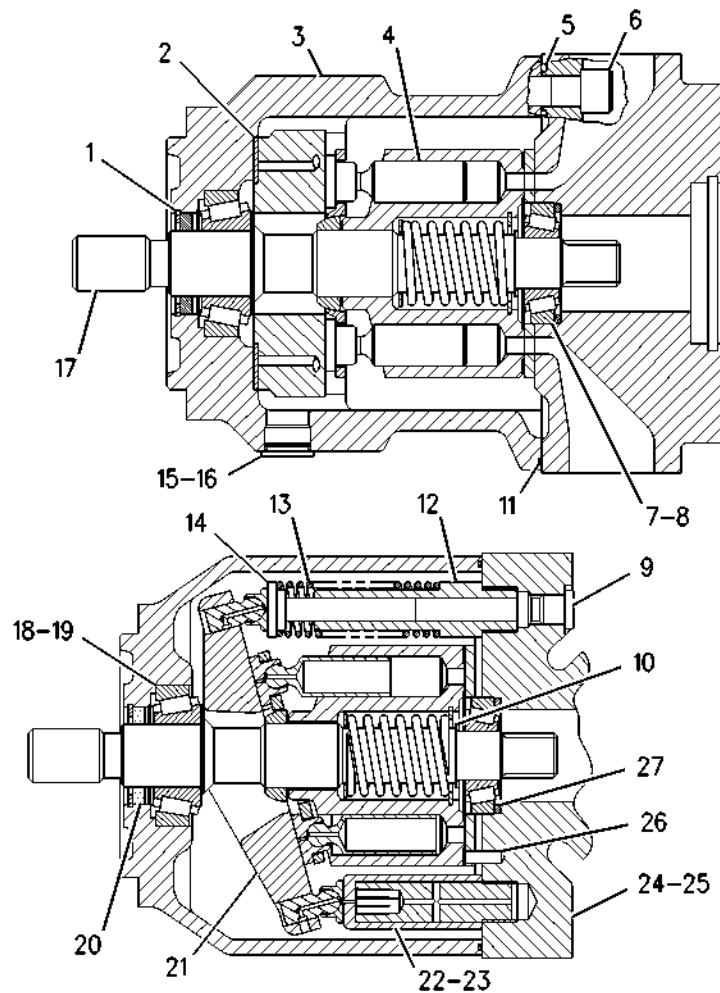
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

172-5637 PUMP GP - PISTON (contd.)

i01563929



GRAPHIC #1

<END>

g00286737

HYDRAULIC SYSTEM

172-5637 PUMP GP-PISTON-FRONT HYDRAULIC FAN*R

S/N: 7PZ1-UP

PART OF 172-5638 PUMP GP-PISTON
TYPE 2

SMCS-5070

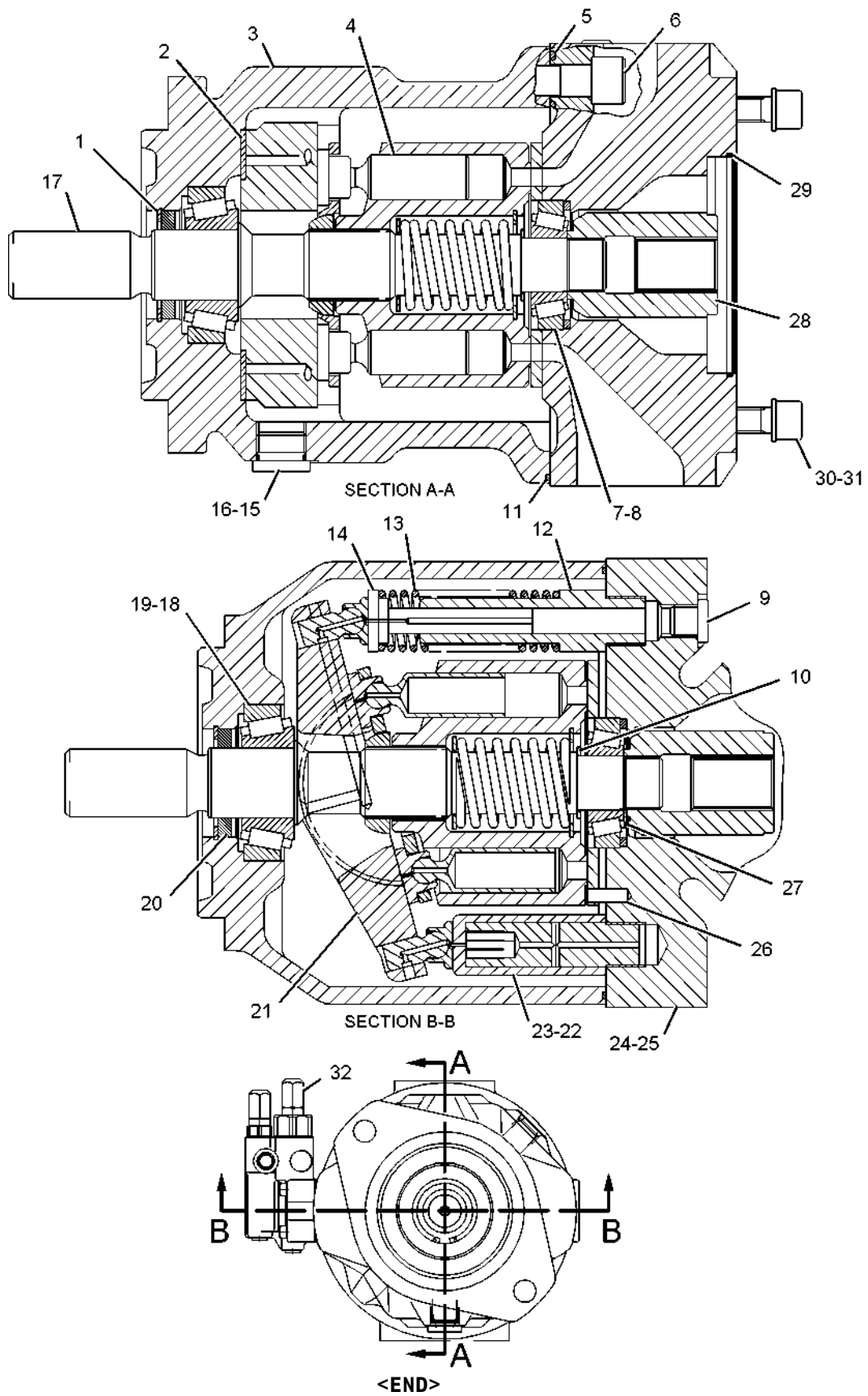
i02024186

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	180-6213	1	RING-RETAINING	
	2	1	6E-4003	2	BEARING	
	3	1	6E-3995	1	HOUSING	
Y	4	1	6E-6160	1	ROTATING GP-PUMP	845
	5	1	3E-6769	4	SEAL-O-RING	
M	6	1	095-9805	4	BOLT-SOCKET HEAD (M14X2X40-MM)	
	7	1	1P-6872	1	CUP-BEARING	
	8	1	8C-7110	1	CONE-BEARING	
	9	1	105-2146	2	PLUG	
	10	1	6E-4000	1	SPACER (25.5X35X3-MM THK)	
	11	1	3E-6770	1	SEAL-O-RING	
	12	1	6E-6175	1	CYLINDER	
	13	1	6E-6176	1	SPRING	
	14	1	6E-6174	1	PLUNGER	
	15	1	9S-8006	1	PLUG	
	16	1	2M-9780	1	SEAL-O-RING	
	17	1	138-4350	1	SHAFT-PUMP	
	18	1	8J-0412	1	CUP-BEARING	
	19	1	3P-1210	1	CONE-BEARING	
	20	1	6E-4004	1	SEAL-SHAFT	
	21	1	136-3715	1	SWASHPLATE AS	
	22	1	6E-6172	1	PISTON	
	23	1	6E-6173	1	GUIDE	
	24	1	138-4346	1	HEAD-PUMP	
	25	1	136-8423	1	PLUG-BREAK OFF	
	26	1	083-4419	1	PIN	
	27	1	6E-3999	1	SPACER (49X57X3-MM THK)	
C	28	1	138-4351	1	COUPLING-SHAFT	
C	29	1	6V-1320	1	SEAL-O-RING	
C	30	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
CM	31	1	6V-8200	2	BOLT-HEX SOCKET (M12X1.75X35-MM)	
CY	32	1	135-6616	1	VALVE GP-PUMP CONTROL (PRESSURE, FLOW COMPENSATOR)	893
C-CHANGE FROM PREVIOUS TYPE						
M-METRIC PART						
Y-SEPARATE ILLUSTRATION						

HYDRAULIC SYSTEM

172-5637 PUMP GP-PISTON (contd.)

i02024186



GRAPHIC #1

g01045319

HYDRAULIC SYSTEM

172-5638 PUMP GP-PISTON-HYDRAULIC FAN

S/N: 7PZ1-UP

PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-5070

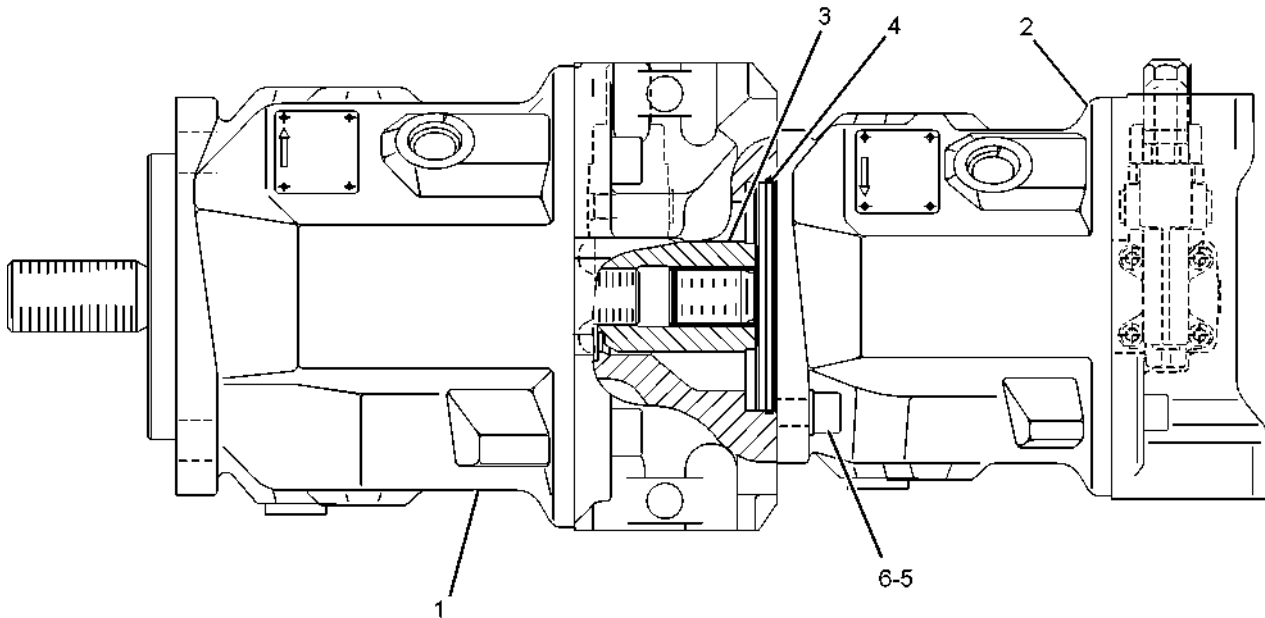
i01988951

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
YR	1	1	172-5637	1	PUMP GP-PISTON (FRONT)						838
Y	2	1	172-5636	1	PUMP GP-PISTON (REAR)						834
	3	1	138-4351	1	COUPLING-SHAFT						
	4	1	6V-1320	1	SEAL-O-RING						
	5	1	8T-4223	2	WASHER-HARD (13.5X25.5X3MM THK)						
M	6	1	6V-8200	2	BOLT-HEX SOCKET (M12X1.75X35MM)						

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01022164

HYDRAULIC SYSTEM

171-3065 ROTATING GP-MOTOR-FAN

S/N: 7PZ1-UP

PART OF 159-7161 MOTOR GP-PISTON

SMCS-5058

i01988949

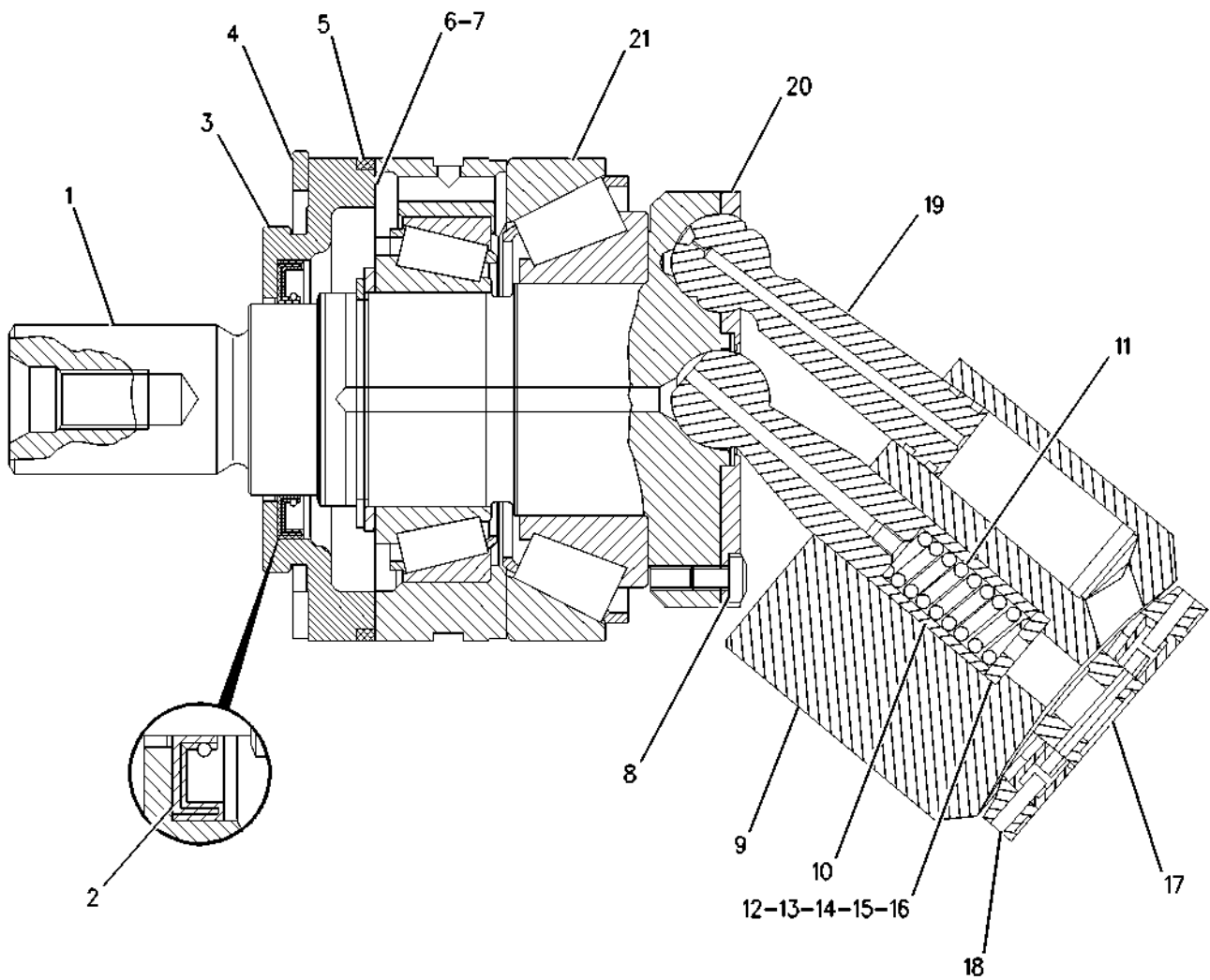
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	171-3066	1	SHAFT-MOTOR	
	2	1	123-5748	1	SEAL-SHAFT	
	3	1	9T-1637	1	COVER-FRONT	
	4	1	3E-4334	1	RING-RETAINING	
	5	1	5D-5958	1	SEAL-O-RING (117.07X124.13X3.53MM THK)	
B	6	1	9T-1579	1	SHIM (0.3MM THK)	
B	7	1	9T-1576	2	SHIM (0.1MM THK)	
M	8	1	113-4420	7	SCREW (M6X20MM)	
	9	1	6E-4096	1	BARREL	
	10	1	171-3054	1	PIN-CENTER	
	11	1	171-3061	1	SPRING	
B	12	1	171-3055	1	SHIM (4.0MM THK)	
B	13	1	171-3057	1	SHIM (3.9MM THK)	
B	14	1	171-3058	1	SHIM (3.8MM THK)	
B	15	1	171-3059	1	SHIM (3.7MM THK)	
B	16	1	171-3060	1	SHIM (3.6MM THK)	
	17	1	6E-4098	1	DISC	
Y	18	1	119-6114	1	VALVE GP-FLUSHING	477
	19	1	165-6970	7	PISTON AS	
					(EACH INCLUDES)	
		1	6E-4626	2	RING	
	20	1	9T-1642	1	PLATE-RETAINING	
	21	1	171-5989	1	KIT-BEARING (ROTATING MOTOR)	

B-USE AS REQUIRED
M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

171-3065 ROTATING GP-MOTOR (contd.)

i01988949



GRAPHIC #1

<END>

g00604987

HYDRAULIC SYSTEM

6E-6160 ROTATING GP-PUMP—FRONT HYDRAULIC FAN

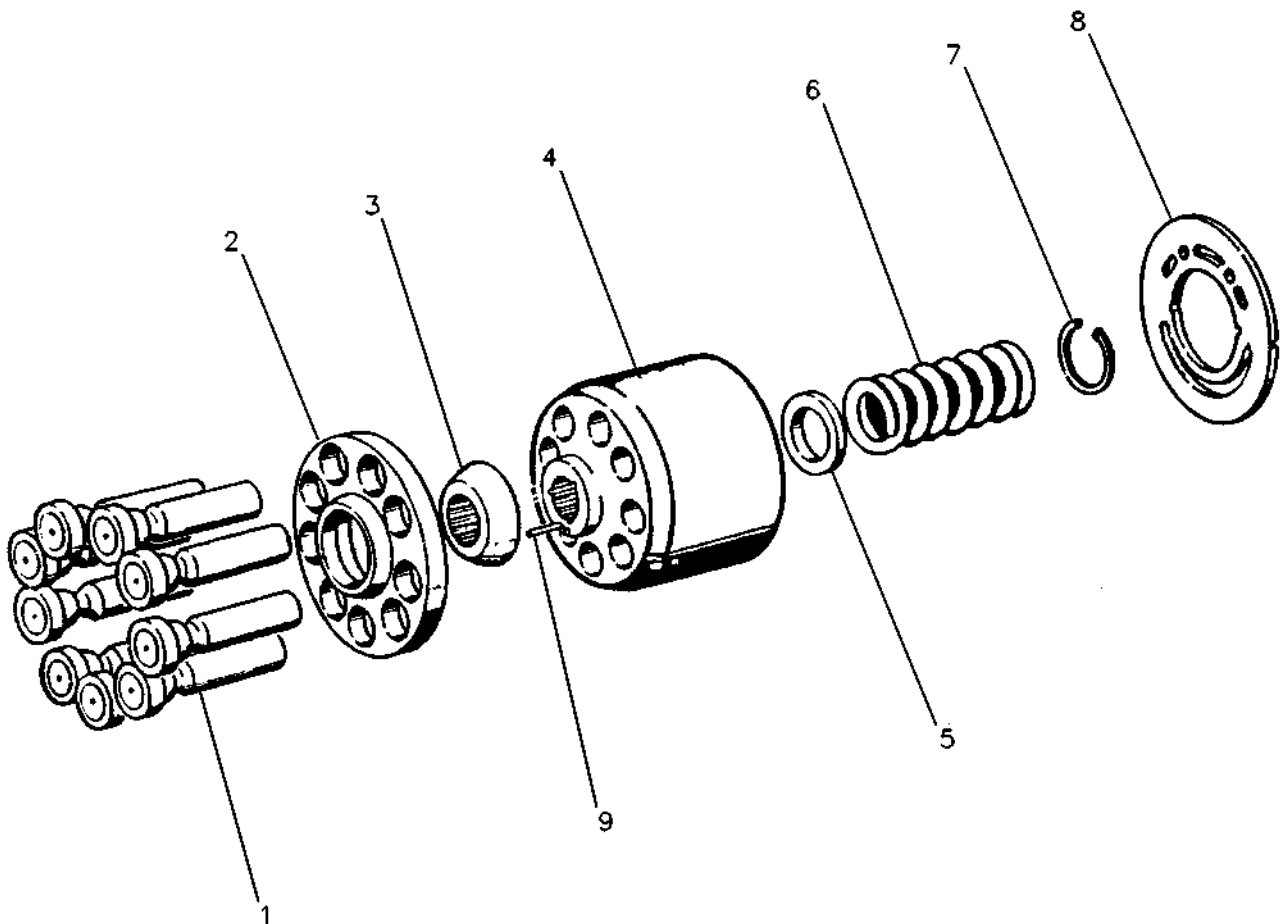
S/N: 7PZ1-UP

PART OF 172-5637 PUMP GP-PISTON

SMCS-5070

i01977868

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-6151	9	PISTON AS						
	2	1	6E-6154	1	PLATE-RETRACTION						
	3	1	6E-6155	1	BEARING						
	4	1	6E-4007	1	BARREL						
	5	1	6E-3341	1	SEAT-SPRING						
	6	1	6E-4009	1	SPRING						
	7	1	6E-6158	1	RING						
	8	1	6E-6153	1	PLATE-PORT						
	9	1	6E-6157	3	PIN						



GRAPHIC #1

<END>

g00119332

HYDRAULIC SYSTEM

138-4693 ROTATING GP - PUMP-REAR HYDRAULIC FAN

S/N: 7PZ1-UP

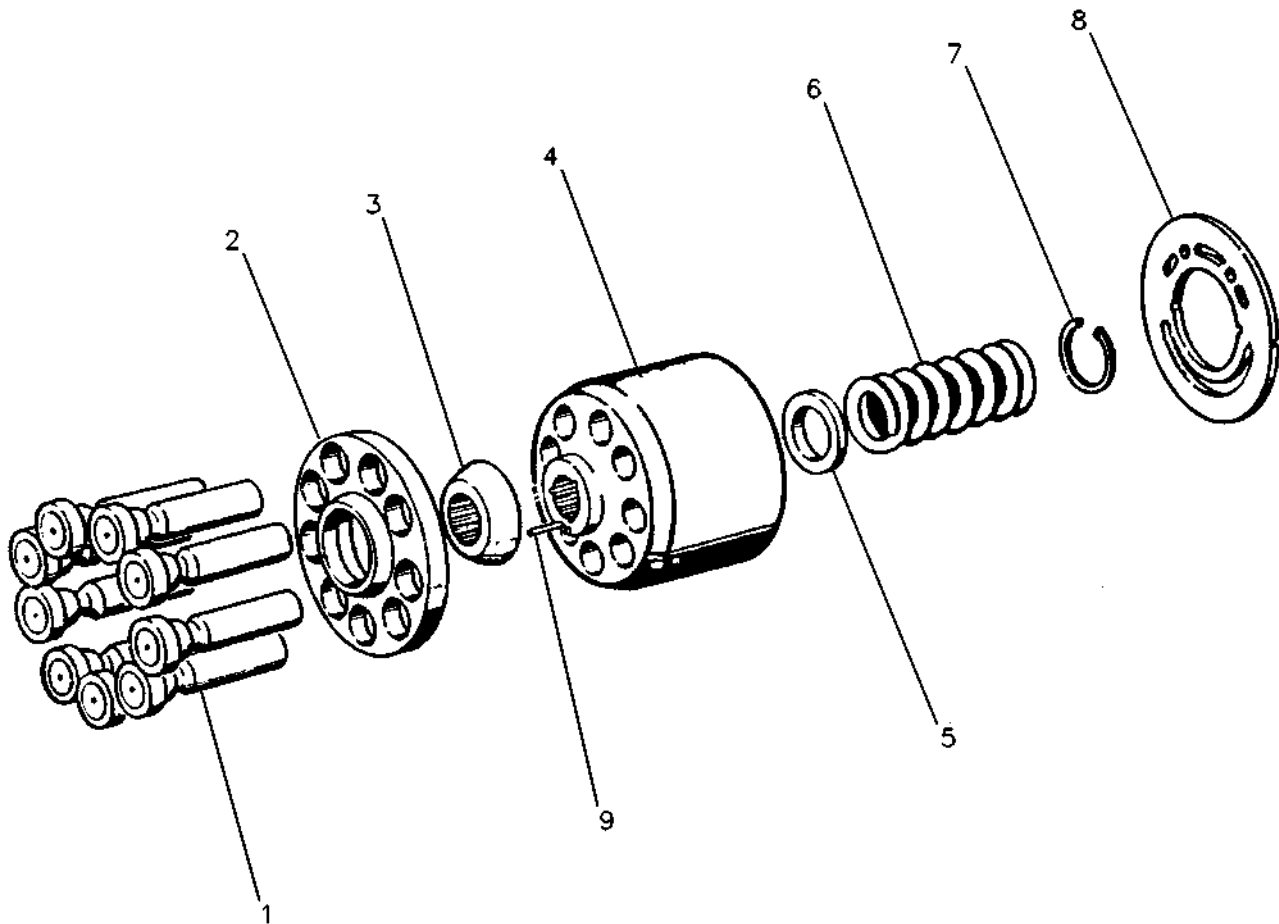
PART OF 172-5636 PUMP GP-PISTON

FIELD REPLACEMENT ORDER 168-7868-PAGE 847

SMCS-5070

i01692416

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	138-8172	9	PISTON AS						
	2	1	138-8174	1	PLATE-RETRACTION						
	3	1	138-8175	1	BEARING-SPHERICAL						
	4	1	128-7069	1	BARREL						
	5	1	138-8177	1	SPACER-SPRING						
	6	1	128-7073	1	SPRING						
	7	1	096-0015	1	RING-RETAINING						
	8	1	138-8173	1	PLATE-VALVE						
	9	1	138-8176	3	PIN-PRESSURE						



GRAPHIC #1

<END>

g00119332

HYDRAULIC SYSTEM

168-7868 ROTATING GP - PUMP

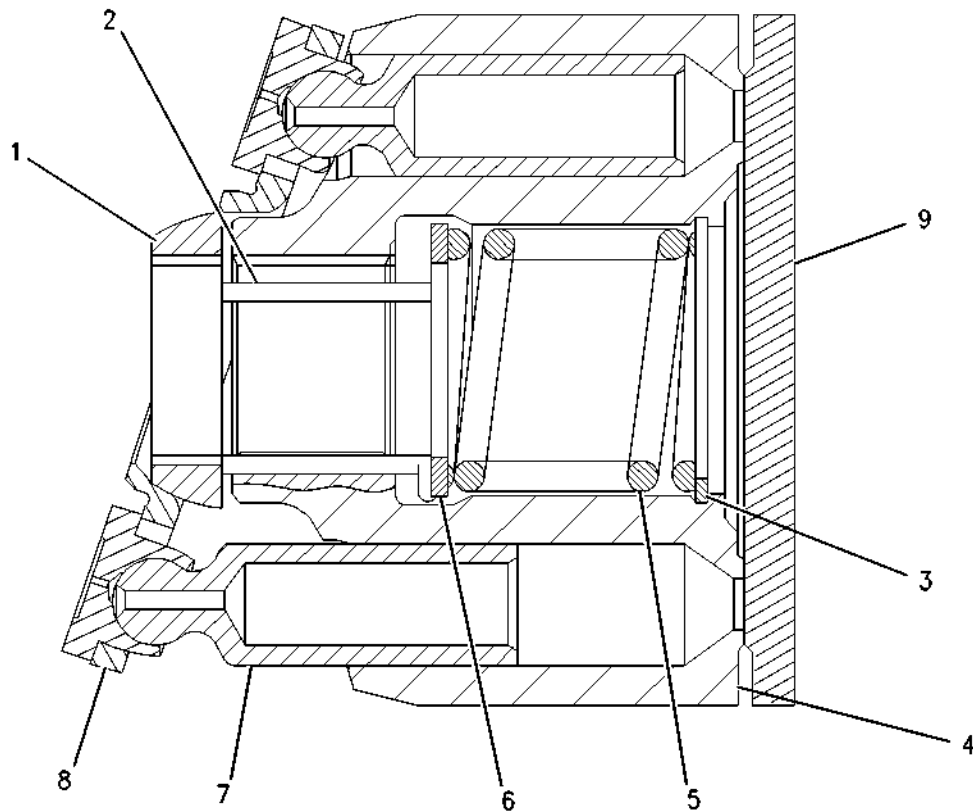
S/N: 7PZ1-UP

FIELD REPLACEMENT FOR 138-4693—PAGE 846

SMCS-5070

i01452388

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	138-8175	1	BEARING-SPHERICAL						
	2	1	168-7940	3	PIN						
	3	1	096-0015	1	RING-RETAINING						
	4	1	128-7069	1	BARREL						
	5	1	168-7941	1	SPRING						
	6	1	168-7942	1	WASHER						
	7	1	168-7943	9	PISTON AS						
	8	1	168-7944	1	PLATE-RETRACTION						
	9	1	138-8173	1	PLATE-VALVE						



GRAPHIC #1

<END>

g00760776

HYDRAULIC SYSTEM

163-0575 TANK & FILTER GP-HYDRAULIC

S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

SMCS-5056, 5068

i01989519

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3D-6678	1	STRAINER AS (HYDRAULIC TANK FILL)	
	2	1	4J-3754	1	CAP-FILLER (HYDRAULIC TANK)	
	3	1	4J-3815	1	GASKET	
	4	1	4J-3816	1	PLATE	
	5	1	5D-1901	1	WASHER (4.19X4.95X0.105 IN THK)	
	6	2	6J-1080	1	GROMMET	
	7	2	6J-1081	1	GLASS-SIGHT	
	8	1	7B-2805	1	RING-LOCK	
	9	2	9J-8243	1	RETAINER	
	10	1	9M-7394	1	LEVER	
	11	1	9M-8808	1	SPRING	
	12	1	9T-4946	1	SCREEN AS (HYDRAULIC TANK)	
	13	2	152-0930	1	BLOCK	
	14	1	163-0576	1	TANK AS-HYDRAULIC	
	15	1	167-2009	2	FILTER ELEMENT AS-OIL (HYDRAULIC)	
	16	1	214-2341	1	GASKET	
	17	1	217-7321	1	COVER AS (HYDRAULIC TANK)	
		1	8F-9836	3	BOSS-THREADED (3/8-16X.75 IN)	
	18	1	030-8535	36	BOLT-LOCKING (3/8-16X0.875 IN)	
	19	2	030-8538	4	BOLT (1/2-13X1.25 IN)	
	20	2	035-2017	4	SCREW-BUTTON HEAD (3/8-16X1 IN)	
	21	1	106-8186	1	VALVE-DRAIN (HYDRAULIC TANK)	
	22	1	106-8187	1	PLUG (DRAIN) (HYDRAULIC TANK)	
	23	2	141-2244	1	PLATE	
	24	2	1D-4703	8	BOLT (7/16-14X2.5 IN)	
	25	1	1L-5072	1	DOWEL	
	26	1	1M-8649	1	RING-RETAINING	
	27	2	1P-4582	4	FLANGE-HALF	
	28	2	1P-4585	2	FLANGE-HALF	
	29	1	1P-9005	1	SEAL-O-RING	
	30	2	1T-0720	2	BOLT-12 POINT HEAD (3/8-16X1.25 IN)	
	31	1	3J-1907	2	SEAL-O-RING	
	32	2	4M-6425	2	BOLT (5/16-18X1 IN)	
	33	1	5D-1902	1	COVER-HYDRAULIC CAP (HYDRAULIC TANK FILL)	
	34	2	5H-4081	1	SEAL-O-RING	
	35	2	5H-6005	4	SEAL-O-RING	
	36	2	5P-2566	4	BOLT (1/2-13X1.5 IN)	
	37	1	5P-3092	1	SEAL-O-RING	
	38	2	5P-8244	8	WASHER (12X22.5X2.5MM THK)	
	39	2	5P-8245	4	WASHER-HARD (13.5X25.5X3MM THK)	
	40	2	5P-8247	4	WASHER-HARD (17X32X3.5MM THK)	
	41	2	6E-2372	1	TUBE AS	
	42	2	6E-2442	1	TUBE AS	
	43	1	6F-0711	1	SEAL-O-RING	
	44	1	6F-8146	1	SEAL-O-RING	
	45	2	7X-0346	4	BOLT (5/8-11X2 IN)	
	46	2	8F-6230	1	SEAL-O-RING	
	47	2	8H-7521	2	SEAL-O-RING	
	48	1	8T-2275	1	BALL	
	49	2	8T-4224	2	WASHER-HARD (8.8X16X2MM THK)	
	50	2	8T-4835	4	BOLT (1/2-13X2 IN)	
	51	2	8T-7971	4	WASHER-HARD (13.5X25.5X5MM THK)	
	52	1	9S-4191	2	PLUG (HYDRAULIC TANK)	
	53	2	9S-8752	4	NUT-FULL (3/8-16 THD)	
Y	54	2	9T-4945	1	BYPASS GP-FILTER	649
	55	2	9T-6680	1	SCREEN (HYDRAULIC TANK)	

HYDRAULIC SYSTEM

163-0575 TANK & FILTER GP-HYDRAULIC (contd.)

i01989519

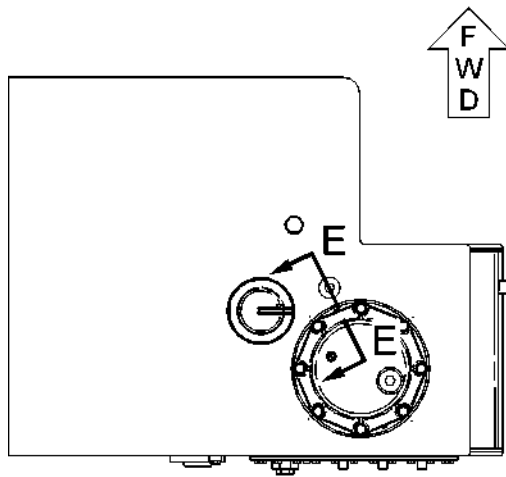
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	56	1	9T-8029	1	BASE						
Y-SEPARATE ILLUSTRATION											

HYDRAULIC SYSTEM

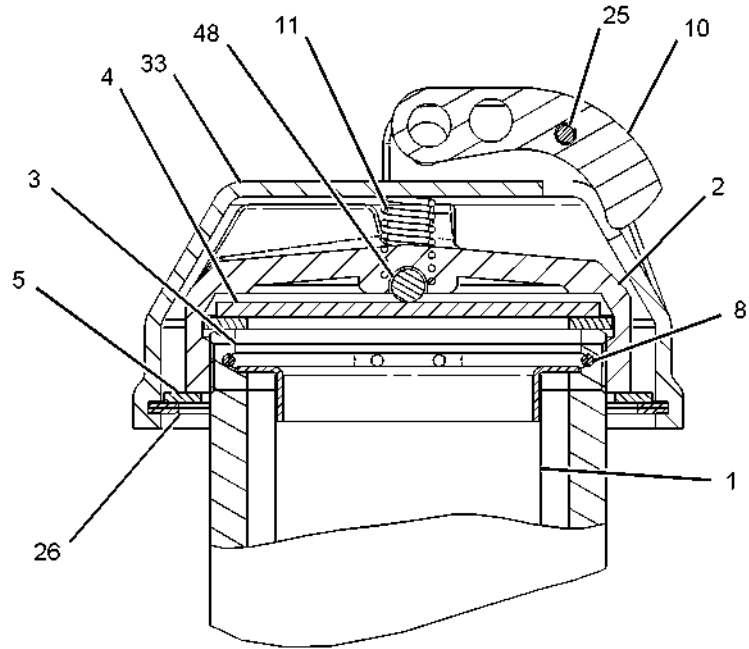
163-0575 TANK & FILTER GP -HYDRAULIC (contd.)

i01989519

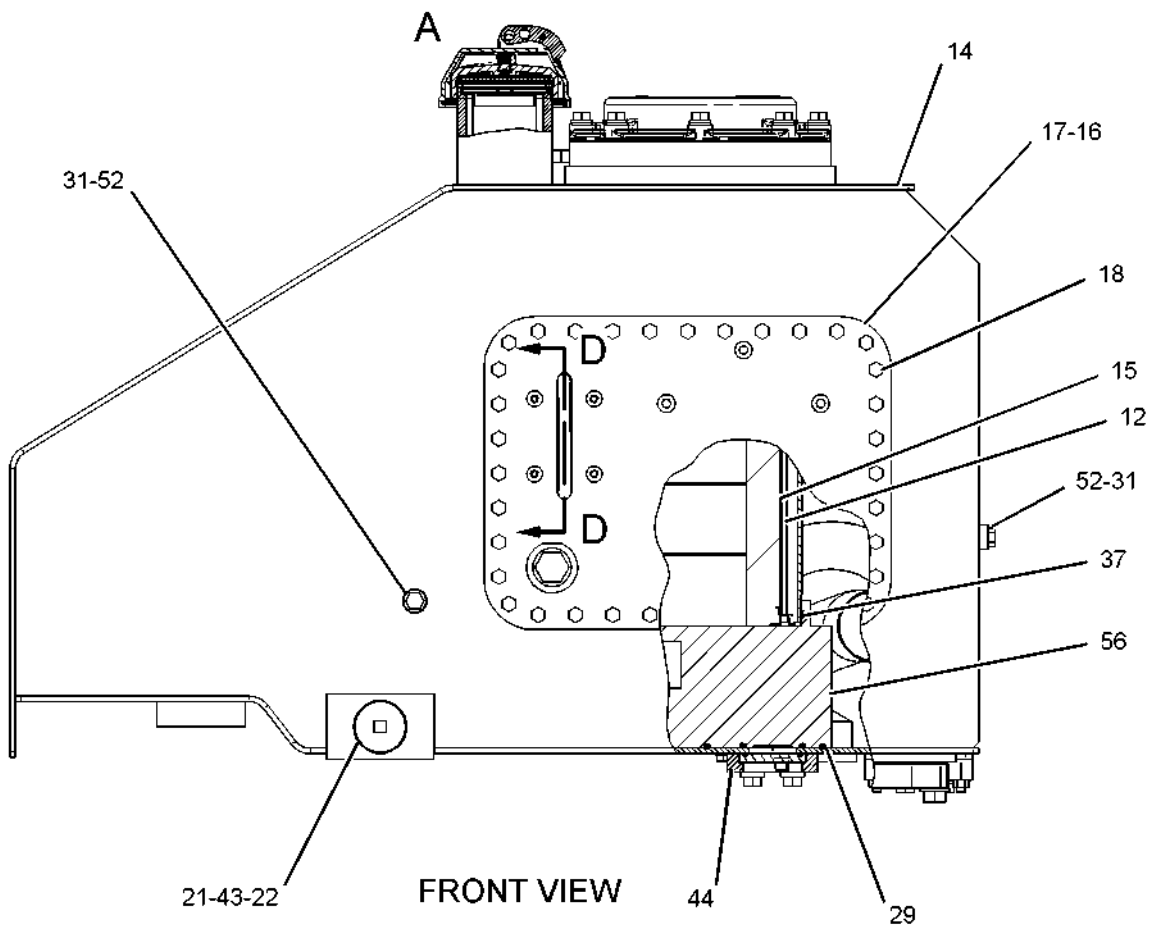
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



TOP VIEW



VIEW OF AREA A



FRONT VIEW

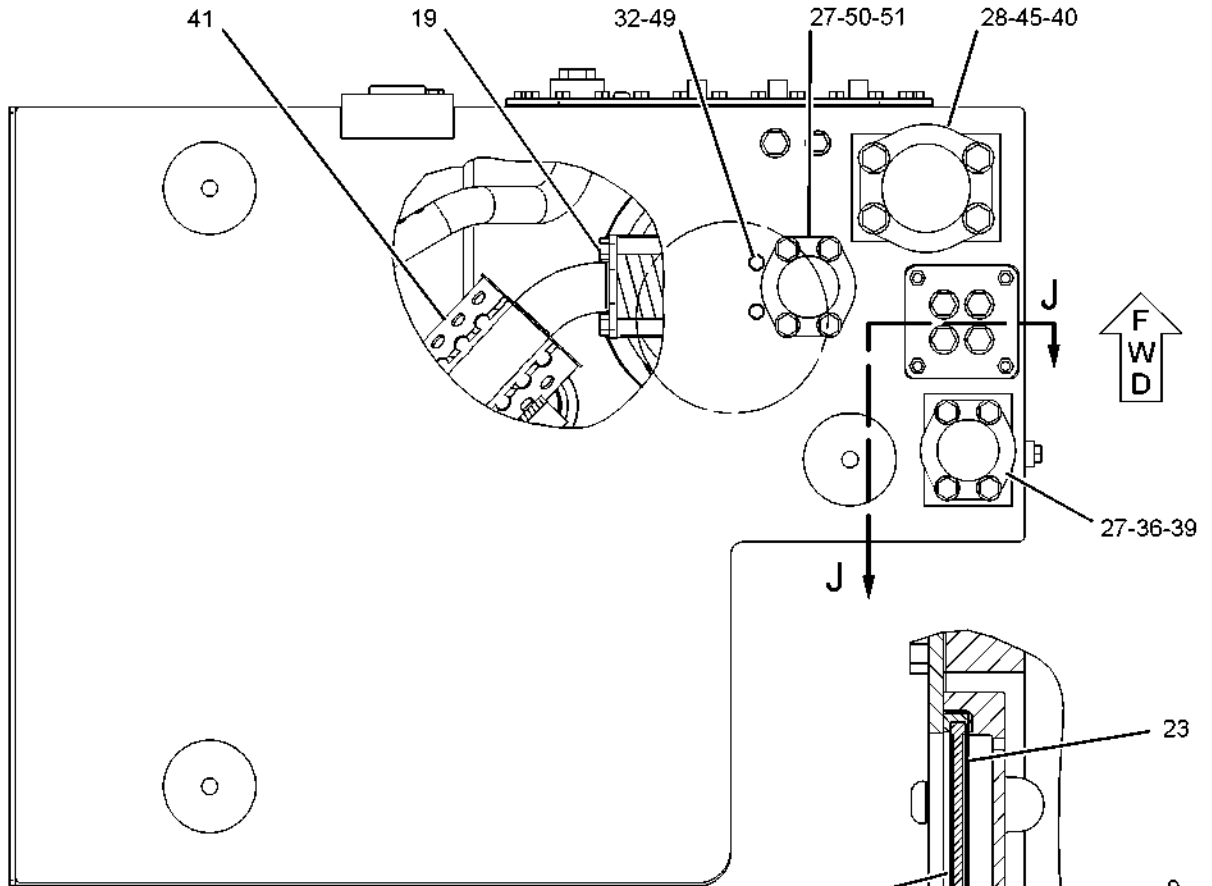
GRAPHIC #1

g01009938

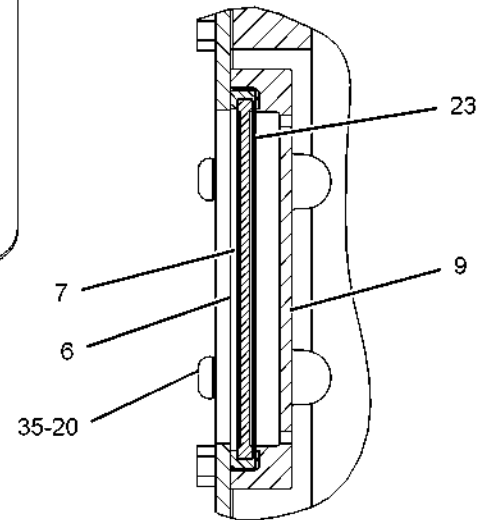
HYDRAULIC SYSTEM

163-0575 TANK & FILTER GP-HYDRAULIC (contd.)

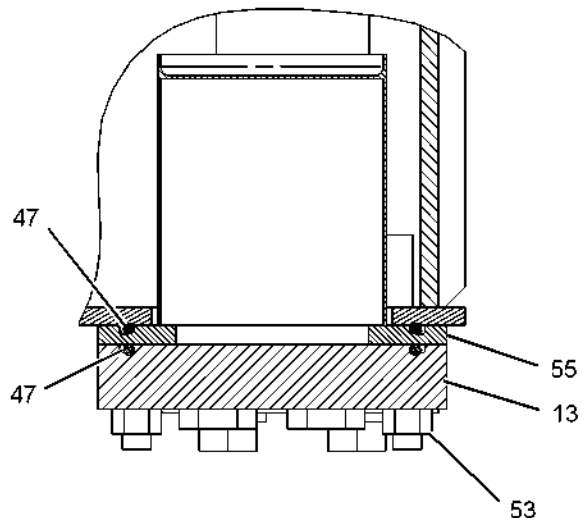
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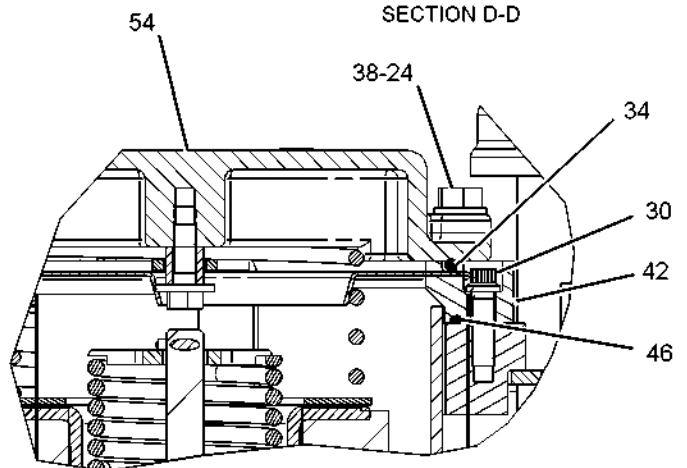
BOTTOM VIEW



SECTION D-D



SECTION J-J



SECTION E-E

GRAPHIC #2

<END>

g01010056

HYDRAULIC SYSTEM

220-0195 TANK & LINES GP-EXPANSION

S/N: 7PZ1-UP

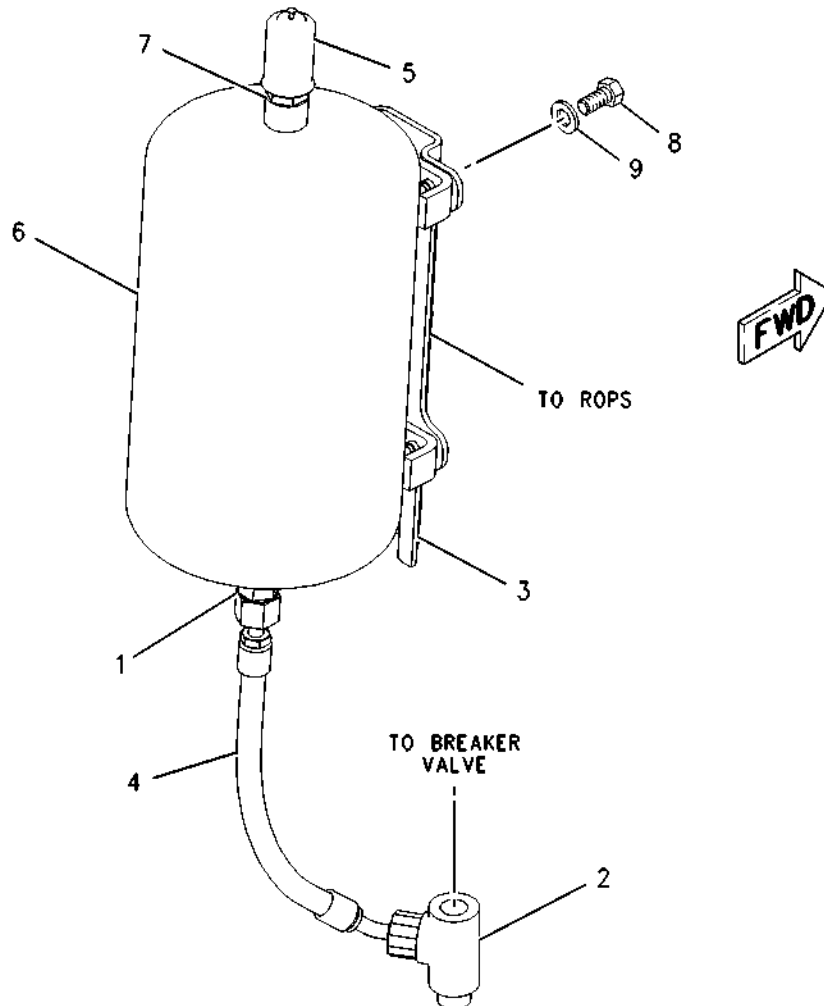
PART OF 174-7862 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-1354

i01753912

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	148-8327	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR-SEAL						
		1	6V-9746	1	SEAL-O-RING						
	2	1	172-5277	1	TEE AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
		1	8T-8901	1	TEE-O-RING PORT						
	3	1	220-0199	1	BRACKET						
I	4	1	220-0202	1	HOSE AS						
	5	1	220-0812	1	VALVE-BREAKER RELIEF						
	6	1	221-5500	1	TANK GP-EXPANSION (AIR)						
	7	1	3D-2824	1	SEAL-O-RING						
	8	1	4L-6454	8	BOLT (3/8-16X1 IN)						
	9	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)						

I-SEE HOSE FABRICATION GUIDE



GRAPHIC #1

<END>

g01001456

HYDRAULIC SYSTEM

183-3720 VALVE & LINES GP-PIN PULLER

S/N: 7PZ1-427

RIPPER PIN PULLER

FOR USE WITH MACHINE EQUIPPED WITH RIPPER
AN ATTACHMENT

SMCS-5051, 5057

i01988955

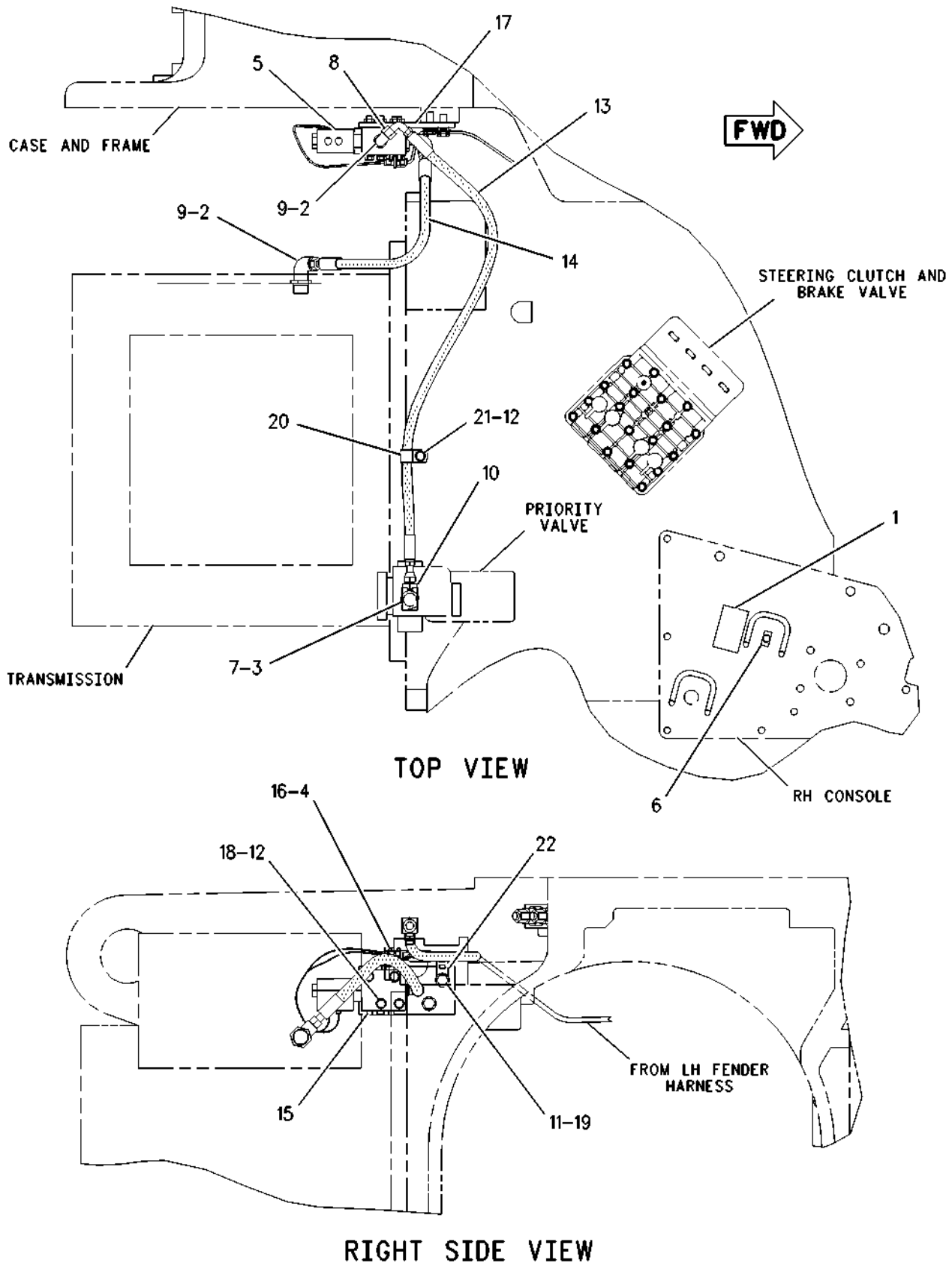
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-7428	1	CLIP						
	2	1	3J-1907	6	SEAL-O-RING						
	3	1	3K-0360	1	SEAL-O-RING						
	4	1	4P-7581	1	CLIP						
Y	5	1	106-7483	1	VALVE & MTG GP-CONTROL						857
	6	1	146-0240	1	SWITCH GP-TOGGLE (RIPPER PIN PULLER)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						
		1	6T-3631	2	NUT-HEX (15/32-32 THD)						
		1	6T-3632	1	LOCKWASHER						
		1	6T-3633	1	RING-LOCKING						
		1	8T-8729	3	PIN-CONNECTOR						
	7	1	6V-1625	1	TEE-O-RING						
	8	1	6V-8397	4	SEAL-O-RING						
	9	1	6V-8724	3	ELBOW						
	10	1	8T-0076	1	CONNECTOR						
	11	1	8T-4223	2	WASHER-HARD (13.5X25.5X3MM THK)						
	12	1	8T-4896	5	WASHER-HARD (10.2X18.5X2.5MM THK)						
I	13	1	8W-4008	1	HOSE AS						
I	14	1	6T-2421	1	HOSE AS						
	15	1	9S-4191	2	PLUG						
	16	1	9X-6772	1	STRAP-CABLE						
	17	1	116-1314	1	PLATE AS						
		1	1F-0750	4	NUT-WELD (3/8-16THD)						
	18	1	8T-7008	4	BOLT (3/8-16X3 IN)						
	19	1	8T-8917	2	BOLT (1/2-13X1.25 IN)						
	20	1	9M-8406	1	CLIP						
	21	1	5S-7379	1	BOLT (3/8-16X0.875 IN)						
	22	1	137-3936	1	FILM-INSTRUCTION (RIPPER PIN PULLER SWITCH)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

183-3720 VALVE & LINES GP-PIN PULLER (contd.)

i01988955



GRAPHIC #1

<END>

g00379633

HYDRAULIC SYSTEM

183-3720 VALVE & LINES GP-PIN PULLER

S/N: 7PZ428-UP

RIPPER PIN PULLER

FOR USE WITH MACHINE EQUIPPED WITH RIPPER
AN ATTACHMENT

SMCS-5051, 5057

i01988956

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-7428	1	CLIP						
	2	1	3J-1907	6	SEAL-O-RING						
	3	1	3K-0360	1	SEAL-O-RING						
	4	1	4P-7581	1	CLIP						
CY	5	1	188-6140	1	VALVE & MTG GP-CONTROL						858
	6	1	146-0240	1	SWITCH GP-TOGGLE (RIPPER PIN PULLER)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						
		1	6T-3631	2	NUT-HEX (15/32-32 THD)						
		1	6T-3632	1	LOCKWASHER						
		1	6T-3633	1	RING-LOCKING						
		1	8T-8729	3	PIN-CONNECTOR						
	7	1	6V-1625	1	TEE-O-RING						
	8	1	6V-8397	4	SEAL-O-RING						
	9	1	6V-8724	3	ELBOW						
	10	1	8T-0076	1	CONNECTOR						
	11	1	8T-4223	2	WASHER-HARD (13.5X25.5X3MM THK)						
	12	1	8T-4896	5	WASHER-HARD (10.2X18.5X2.5MM THK)						
I	13	1	8W-4008	1	HOSE AS						
I	14	1	6T-2421	1	HOSE AS						
	15	1	9S-4191	2	PLUG						
	16	1	9X-6772	1	STRAP-CABLE						
	17	1	116-1314	1	PLATE AS						
		1	1F-0750	4	NUT-WELD (3/8-16THD)						
C	18	1	7X-0290	4	BOLT (3/8-16X3.50 IN)						
	19	1	8T-8917	2	BOLT (1/2-13X1.25 IN)						
	20	1	9M-8406	1	CLIP						
	21	1	5S-7379	1	BOLT (3/8-16X0.875 IN)						
	22	1	137-3936	1	FILM-INSTRUCTION (RIPPER PIN PULLER SWITCH)						

C-CHANGE FROM PREVIOUS TYPE

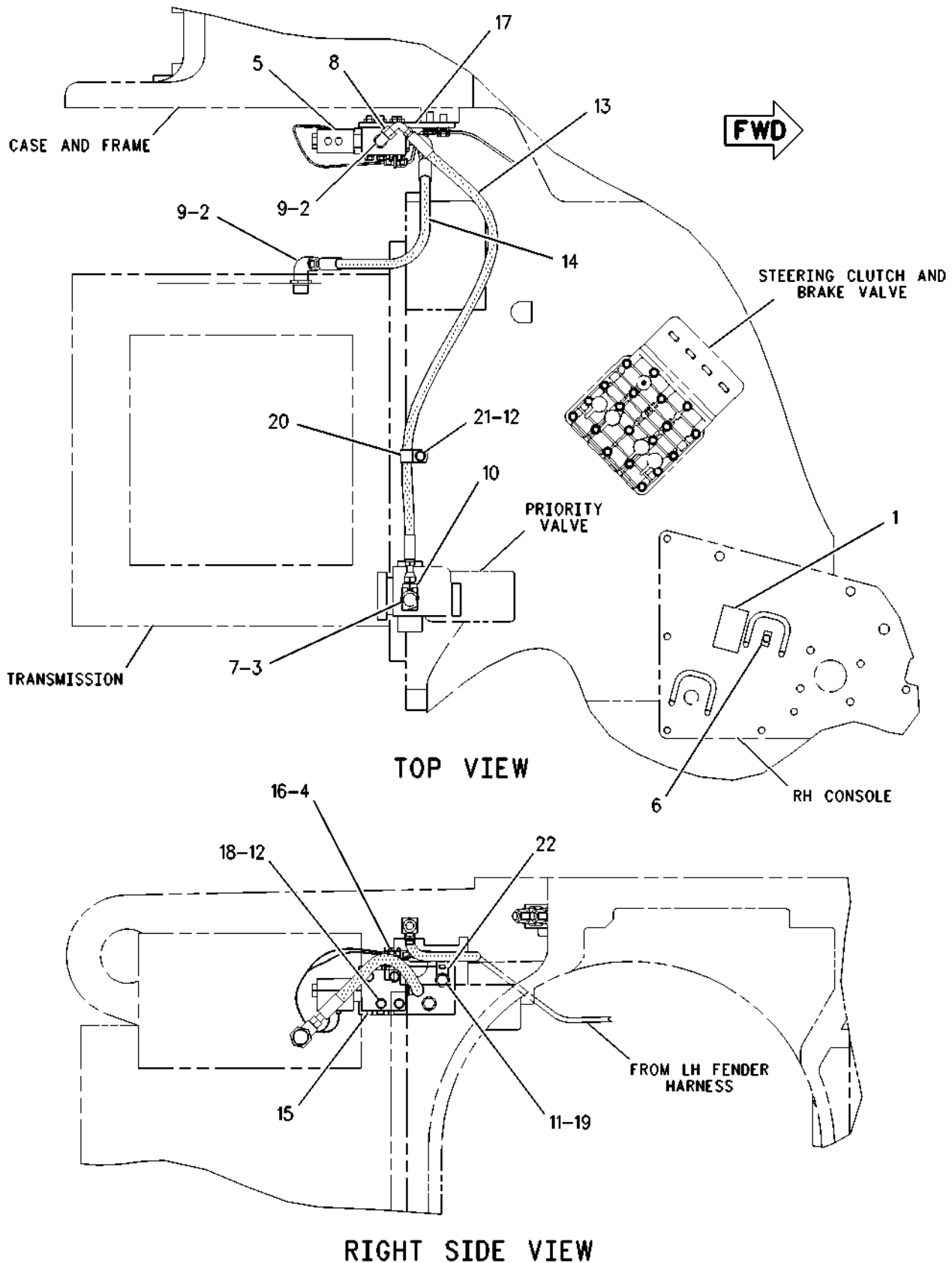
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

183-3720 VALVE & LINES GP-PIN PULLER (contd.)

i01988956



GRAPHIC #1

<END>

g00379633

HYDRAULIC SYSTEM

106 - 7483 VALVE & MTG GP - CONTROL-RIPPER PIN

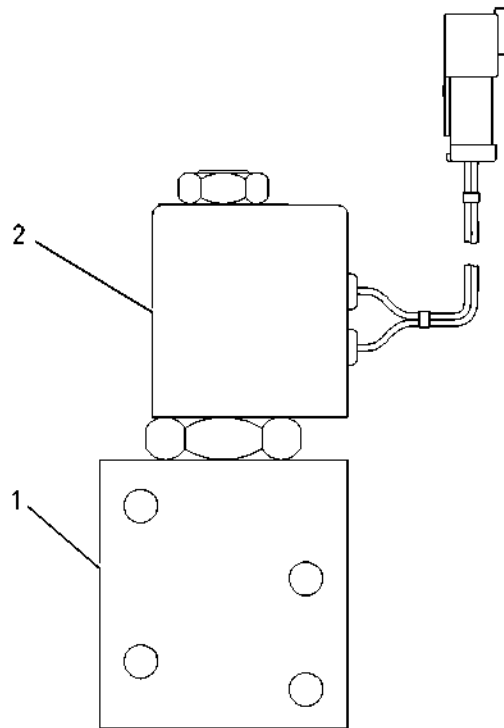
S/N: 7PZ1-427

PART OF 183-3720 VALVE & LINES GP-PIN PULLER
AN ATTACHMENT

SMCS-5051

i01168455

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6T-9559	1	MANIFOLD						
Y	2	1	3E-8575	1	VALVE GP-SOLENOID						901
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00623067

HYDRAULIC SYSTEM

188-6140 VALVE & MTG GP-CONTROL-RIPPER PIN

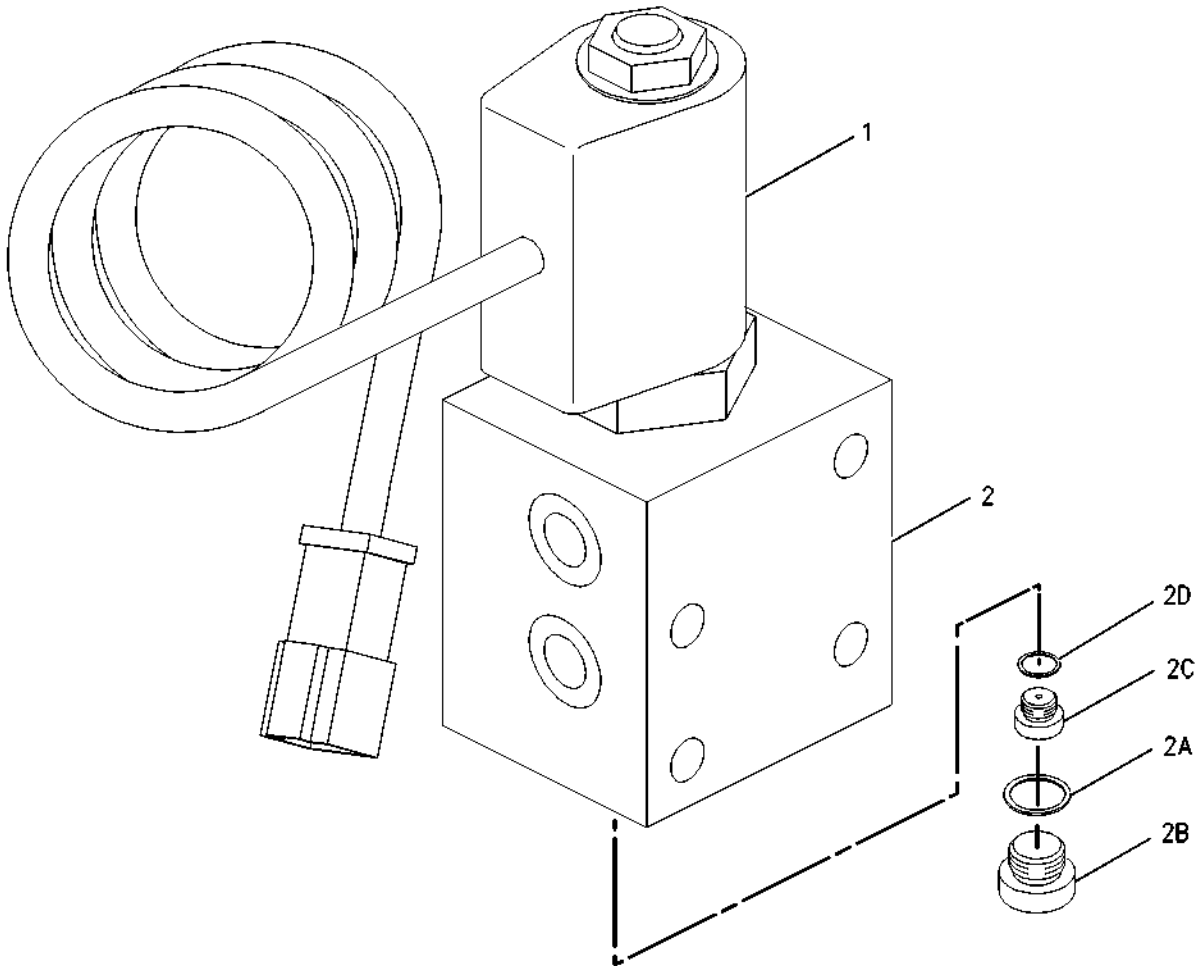
S/N: 7PZ1-UP

PART OF 183-3720 VALVE & LINES GP-PIN PULLER
AN ATTACHMENT

SMCS-5051

i01458524

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	3E-8575	1	VALVE GP-SOLENOID						901
	2	1	188-6141	1	MANIFOLD AS						
	2A	1	3J-1907	1	SEAL-O-RING						
	2B	1	9S-8004	1	PLUG						
	2C	1	200-2964	1	ORIFICE AS						
	2D	1	4J-7533	1	SEAL-O-RING						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00764266

HYDRAULIC SYSTEM

136-9411 VALVE & MTG GP-HYDRAULIC FAN

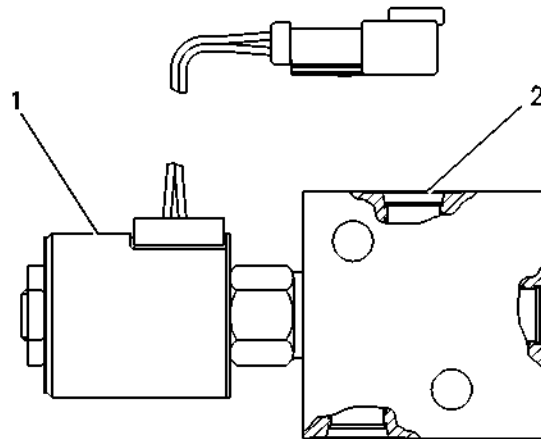
S/N: 7PZ1-499

PART OF 172-5596 LINES GP-HYDRAULIC FAN

SMCS-1387

i01988947

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	136-9412	1	VALVE GP-SOLENOID	906
	2	1	3E-3584	1	MANIFOLD	
AVAILABLE REPAIR KIT(S) :						
100-4318				1	KIT-SEAL (SOLENOID VALVE)	
(INCLUDES SEALS & RINGS)						
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g00086958

HYDRAULIC SYSTEM

189-8628 VALVE & MTG GP-HYDRAULIC FAN

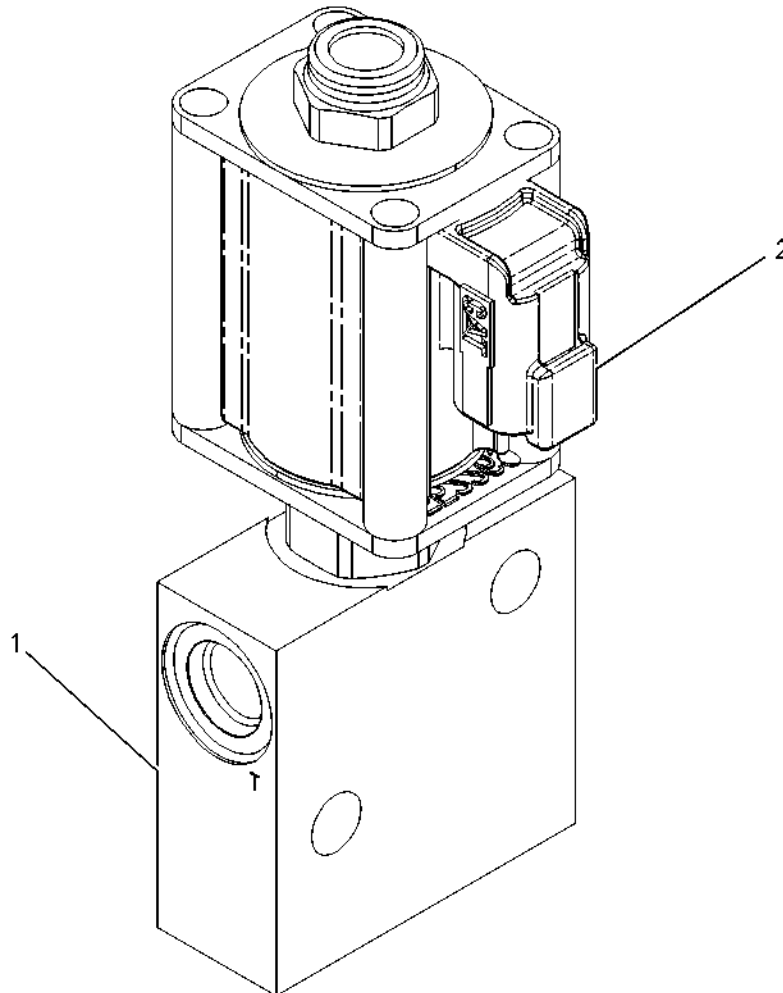
S/N: 7PZ500-UP

PART OF 172-5596 LINES GP-HYDRAULIC FAN

SMCS-1387

i01988958

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-3584	1	MANIFOLD						
Y	2	1	189-8627	1	VALVE GP-SOLENOID						911
					AVAILABLE REPAIR KIT(S) :						
			100-4318	1	KIT-SEAL (SOLENOID VALVE)						
					(INCLUDES SEALS & RINGS)						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00849755

HYDRAULIC SYSTEM

164-4810 VALVE AR-RELIEF-DUAL TILT

S/N: 7PZ1-UP

FOR USE WITH MACHINES EQUIPPED WITH DUAL TILT CYLINDER LINES
AN ATTACHMENT

SMCS-5069

i01290428

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	163-4090	1	LINES GP-RELIEF (DUAL TILT)						793
	163-4100	1	DOOR AS-LH						
Y-SEPARATE ILLUSTRATION									

<END>

HYDRAULIC SYSTEM

2G-9000 VALVE AS-TANK-FAST FILL FUEL

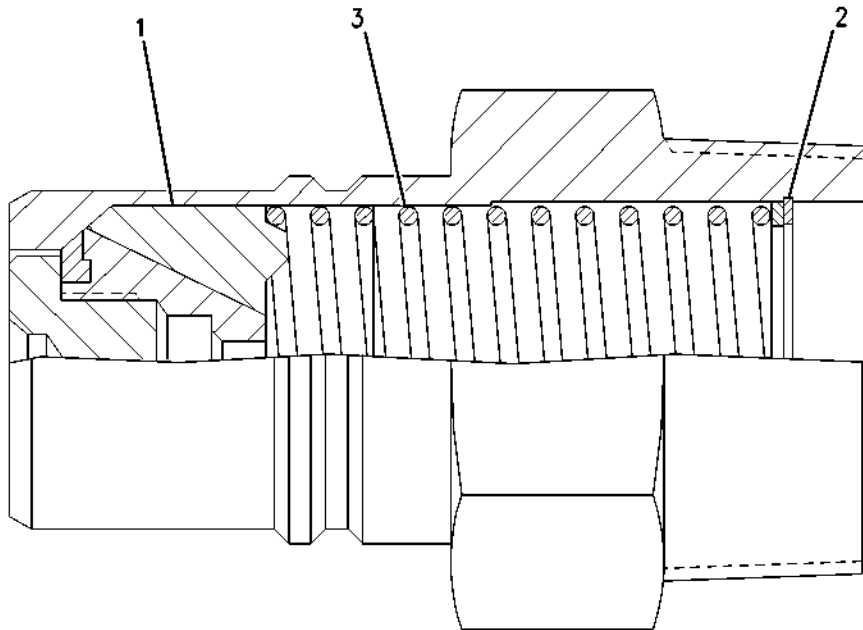
S/N: 7PZ1-UP

PART OF 102-9881 ADAPTER GP-FAST FILL FUEL
AN ATTACHMENT

SMCS-1279, 5076

i01884458

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	PLUNGER						
Z	2	1		1	RING-RETAINING						
Z	3	1		1	SPRING						
Z-NOT SERVICED SEPARATELY											



GRAPHIC #1

<END>

g00735689

HYDRAULIC SYSTEM

4T-0884 VALVE GP - BYPASS-HYDRAULIC OIL COOLER

S/N: 7PZ1-UP

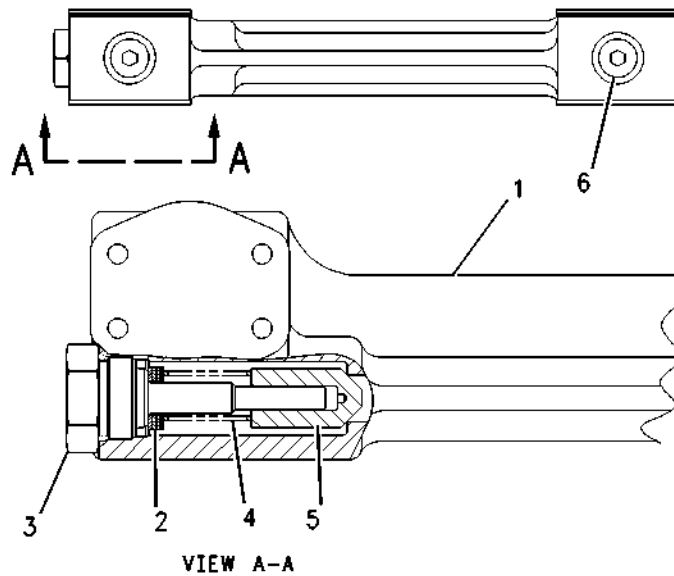
PART OF 155-5557 INSTALLATION AR-ENGINE

SMCS-5076

i01564170

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9T-2032	1	BODY						
B	2	1	2F-3012	10	SHIM (.127MM THK)						
B		1	0T-0883	3	WASHER (.5312X1X.065 IN THK)						
	3	1	3G-5649	1	PLUG						
		1	7M-8485	1	SEAL-O-RING						
	4	1	4J-4790	1	SPRING						
	5	1	3G-5650	1	VALVE						
	6	1	9S-8006	2	PLUG						
		1	2M-9780	2	SEAL-O-RING						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00683867

HYDRAULIC SYSTEM

9T-3096 VALVE GP-CHECK-HYDRAULIC OIL FILTER

S/N: 7PZ1-UP

PART OF 173-1553 LINES GP-PUMP

SMCS-5067

i01877497

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	201-3434	1	VALVE GP-CHECK (PARK BRAKE RELEASE)						
			-OR-						
	200-4002	1	VALVE GP-CHECK (PARK BRAKE RELEASE)						
	3J-1907	1	SEAL-O-RING						
<END>									

128-2780 VALVE GP-CHECK-HYDRAULIC FAN

S/N: 7PZ652-UP

PART OF 226-6537 MANIFOLD GP-CONTROL

SMCS-5067

i01909643

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	128-2779	2	KIT-SEAL						
<END>									

HYDRAULIC SYSTEM

172-6977 VALVE GP-CONTROL-BULLDOZER

S/N: 7PZ1-519

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5051

i01988952

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	9S-4191	5	PLUG	
	2	1,2	3J-1907	7	SEAL-O-RING	
	3	2	3B-4730	1	SPRING	
	4	2	9S-8004	2	PLUG	
	5	1,2	3G-8163	2	SCREW-ADJUSTMENT	
	6	1,2	3F-4479	2	PIN-SPRING	
	7	2	172-5745	1	HOUSING	
	8	1,2	6J-2561	2	VALVE-RELIEF POPPET	
B	9	1,2	152-5559	8	SHIM (.95MM THK)	
	10	1,2	4J-0523	2	SEAL-O-RING	
	11	2	008-2103	1	SEAL-O-RING	
	12	2	9J-7271	1	SEAT	
	13	2	9J-5499	1	SPRING	
	14	2	9S-4180	11	PLUG	
	15	2	4J-7533	16	SEAL-O-RING	
	16	2	9J-1709	1	PLUG	
	17	2	3D-2824	1	SEAL-O-RING	
	18	2	2N-7029	1	SPRING-CONTROL PIN	
	19	2	9T-8685	1	VALVE	
	20	2	8J-4437	1	SPRING	
	21	1	9J-1722	2	RETAINER	
	22	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	23	2	6J-3134	2	SEAL-O-RING	
	24	1,2	1U-1799	2	PLUG	
	25	1,2	2M-9780	2	SEAL-O-RING	
	26	1,2	3G-8164	2	NUT (3/8-24 THD)	
	27	1,2	3G-8165	2	NUT (5/8-18 THD)	
	28	2	9S-8001	5	PLUG	
	29	2	9B-7237	2	BOLT (3/8-16X1.25 IN)	
	30	2	4L-9337	4	BOLT (3/8-16X1.5 IN)	
	31	2	151-8098	1	HOUSING	
	32	2	8F-6711	1	SEAL-O-RING	
	33	2	8T-6871	2	BOLT (5/8-11X2.50 IN)	
	34	1	9S-8005	1	PLUG	
	35	2	8T-4122	12	WASHER-HARD (17X32X3.5MM THK)	
	36	2	7X-0347	12	BOLT (5/8-11X2.25 IN)	
	37	2	5P-8077	6	FLANGE-HALF	
	38	2	9S-4188	1	PLUG	
	39	2	4K-1388	1	SEAL-O-RING	
	40	1	9J-1716	2	COVER	
	41	1	8J-8621	2	SPRING	
	42	1	9F-2167	2	SCREW-PURGE	
	43	1	5N-9016	4	SHIM (.25 MM THK)	
	44	1	2J-6089	1	SPRING	
	45	1	4J-0522	2	SEAL-O-RING	
	46	1	155-7505	1	SEAT	
	47	1	9J-8752	1	SPRING	
	48	1	9T-5982	1	VALVE	
	49	1	8M-1679	1	SPRING	
	50	1	5P-7684	1	PLUG	
	51	1	6K-6307	1	SEAL-O-RING	
	52	1	178-2311	1	SPRING	
	53	1	178-2312	1	SPRING	
	54	1	178-2313	1	SPRING	
	55	1	178-2314	1	SPRING	
	56	1	179-7273	1	RETAINER	

HYDRAULIC SYSTEM

172-6977 VALVE GP-CONTROL (contd.)

i01988952

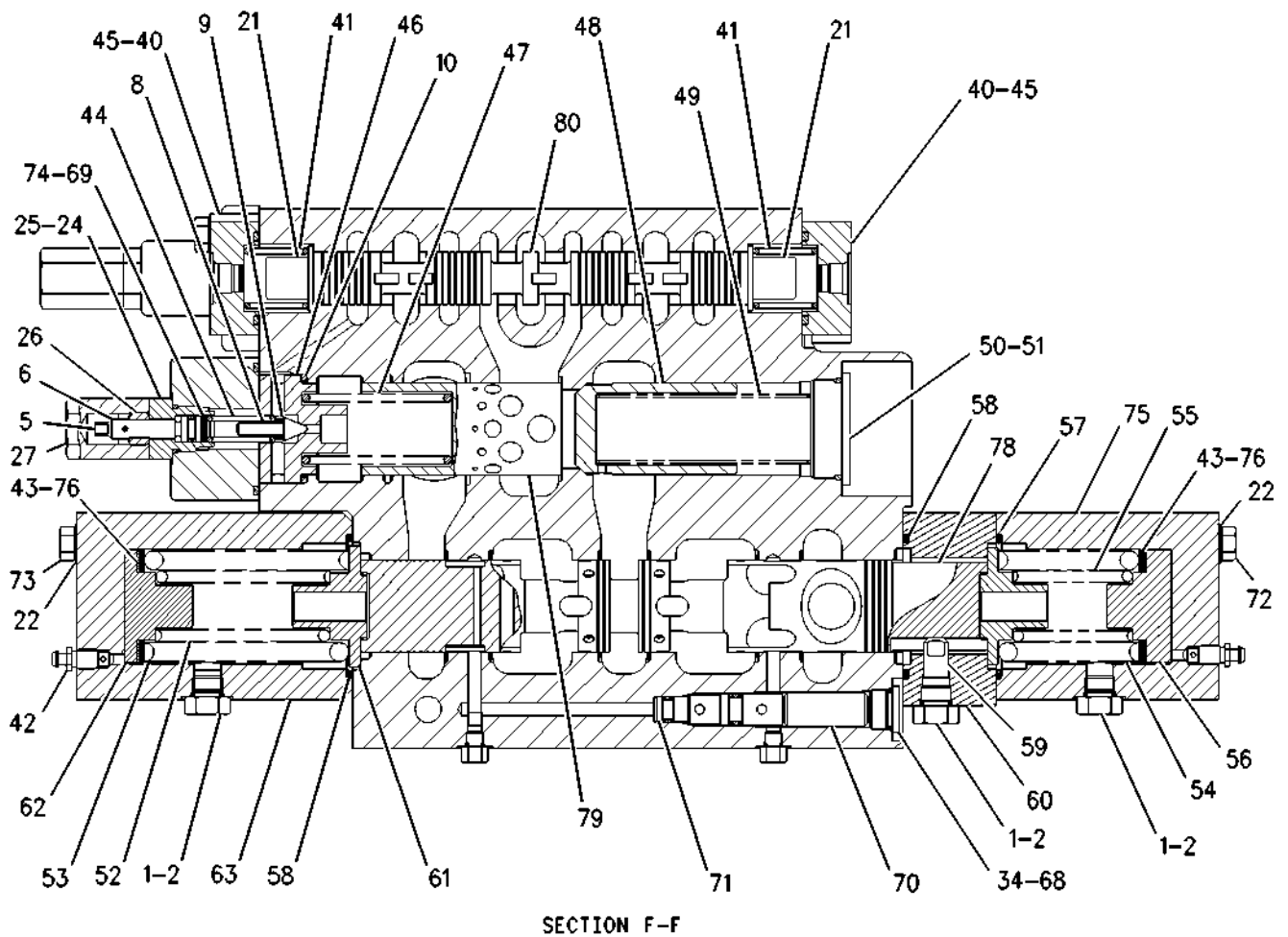
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	57	1	179-7274	1	RETAINER	
	58	1	1H-5728	3	SEAL-O-RING	
	59	1	131-0515	1	PISTON	
	60	1	126-9012	1	HOUSING	
	61	1	179-7275	1	RETAINER	
	62	1	179-7276	1	RETAINER	
	63	1	180-7145	1	HOUSING	
	64	2	9S-8010	2	PLUG	
	65	2	2S-4078	2	SEAL-O-RING	
	66	2	7F-1585	2	SPRING-SHUTOFF	
	67	2	9T-8684	2	VALVE	
	68	1	3K-0360	1	SEAL-O-RING	
	69	1, 2	9T-5734	4	SPACER (1.2MM THK)	
	70	1	1U-2164	1	SPACER (40.50MM THK)	
Y	71	1	4T-4073	1	VALVE GP-SHUTTLE	899
	72	1	7X-0300	2	BOLT (3/8-16X6.5 IN)	
	73	1	7X-0297	2	BOLT (3/8-16X5.75 IN)	
B	74	1, 2	152-7041	15	SHIM (.25MM THK)	
	75	1	180-7146	1	HOUSING	
	76	1	180-7154	6	SHIM (1.0MM THK)	
	77	2	7X-0515	2	WASHER-HARD (17X35X5MM THK)	
Z	78	1		1	STEM	
Z	79	1		1	SPOOL-DUMP	
Z	80	1		1	STEM-VALVE	
Z	81	2		1	BODY-VALVE	
Z	82	2		1	STEM	
Z	83	2		1	SPOOL-DUMP	

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION
Z-NOT SERVICED SEPARATELY

HYDRAULIC SYSTEM

172-6977 VALVE GP-CONTROL (contd.)

i01988952



GRAPHIC #1

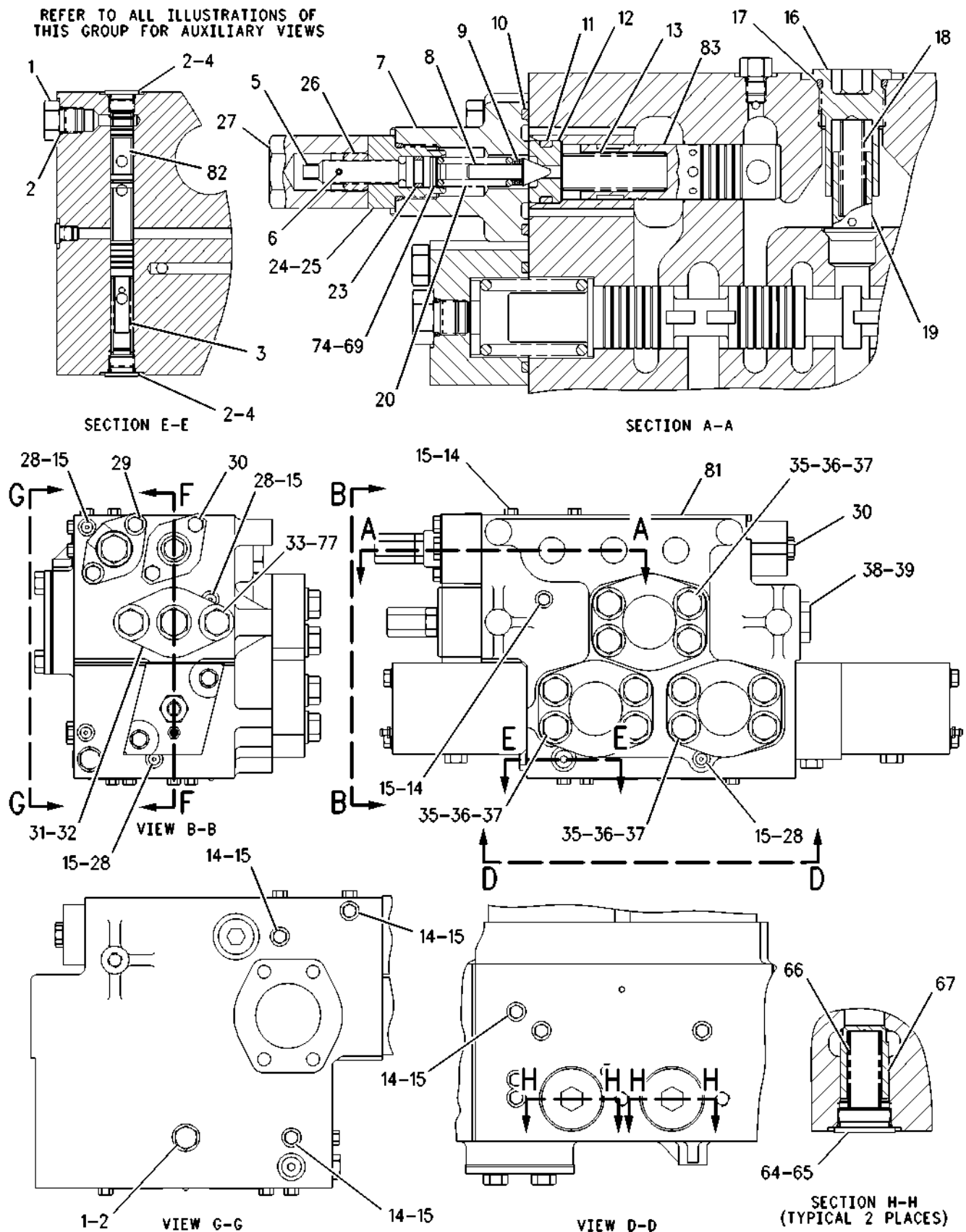
g00718839

HYDRAULIC SYSTEM

172-6977 VALVE GP-CONTROL (contd.)

i01988952

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



HYDRAULIC SYSTEM

177-1407 VALVE GP-CONTROL-RIPPER

S/N: 7PZ1-734

PART OF 173-1552 CONTROL AR-HYDRAULIC
AN ATTACHMENT

SMCS-5051

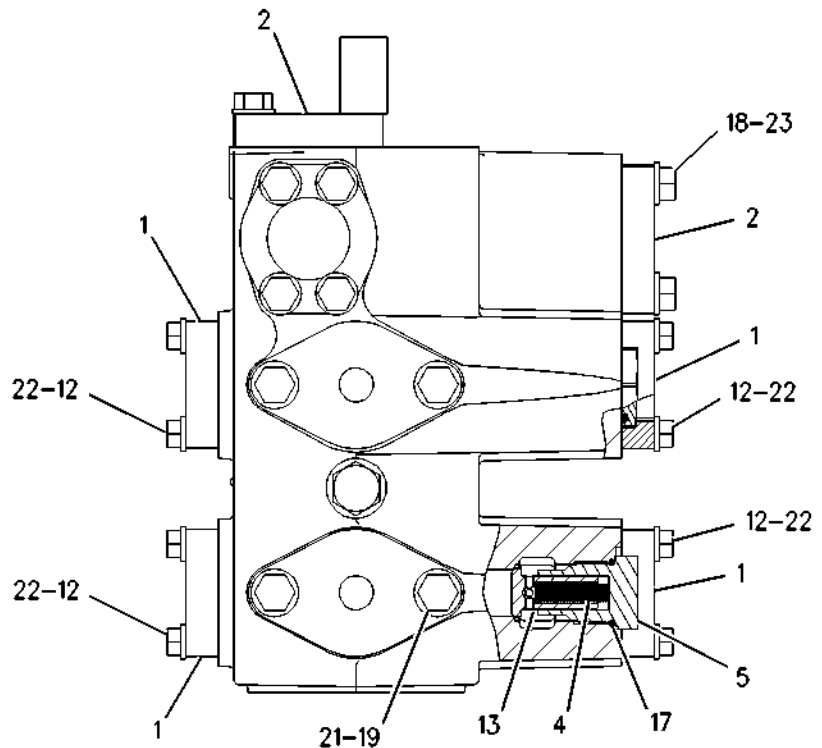
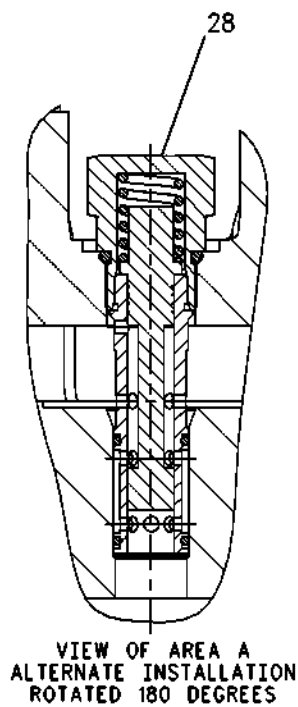
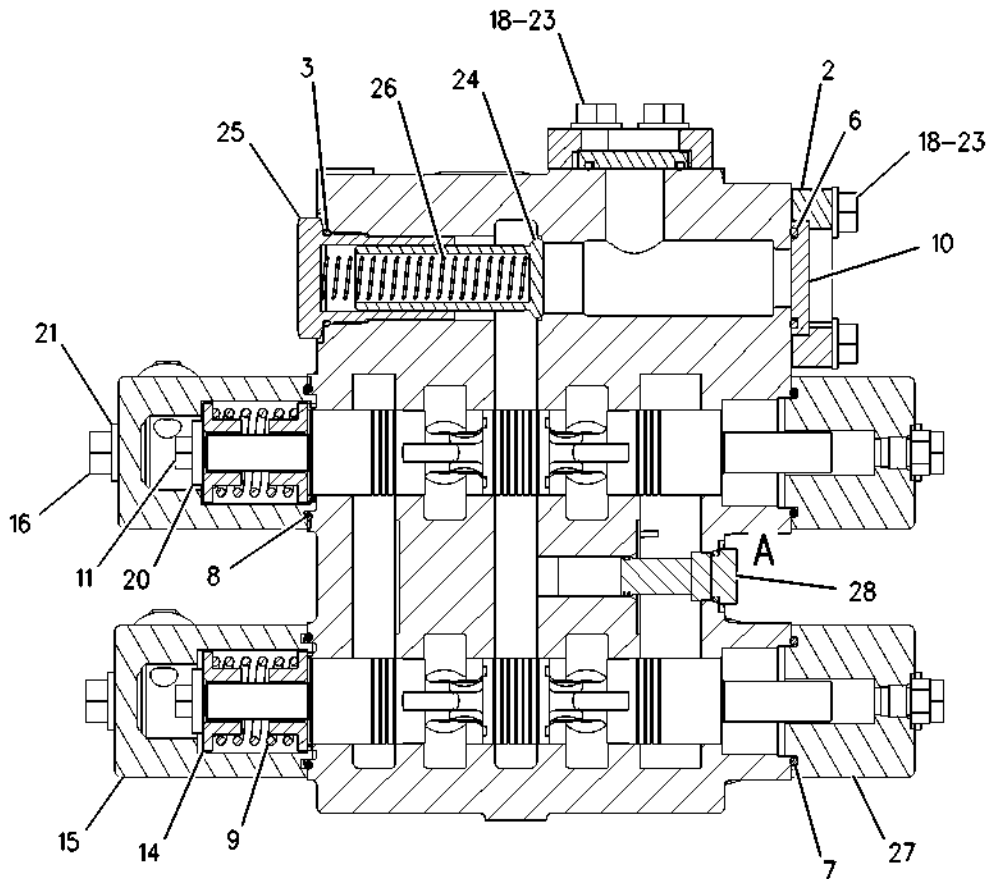
i01988954

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1P-4577	16	FLANGE - HALF	
	2	1	1P-4578	6	FLANGE - HALF	
	3	1	2S-4078	1	SEAL-O-RING	
	4	1	3G-3475	2	SPRING	
	5	1	3G-8710	2	PLUG	
	6	1	4J-0522	1	SEAL-O-RING	
	7	1	4J-0525	2	SEAL-O-RING	
	8	1	4J-0526	2	SEAL-O-RING	
	9	1	4T-2620	2	SPRING	
	10	1	5H-4020	1	COVER	
	11	1	5S-7379	2	BOLT (3/8-16X0.875 IN)	
	12	1	5S-7382	32	BOLT (3/8-16X1.375 IN)	
	13	1	6E-4343	2	VALVE	
	14	1	6E-4432	4	RETAINER	
	15	1	6E-4492	2	HOUSING	
	16	1	6V-4432	4	BOLT (1/2-13X4 IN)	
	17	1	7M-8485	2	SEAL-O-RING	
	18	1	7X-0308	12	BOLT (7/16-14X1.375 IN)	
	19	1	7X-0326	4	BOLT (1/2-13X3 IN)	
	20	1	8M-7145	2	WASHER (10.2X28.5X5MM THK)	
	21	1	8T-4223	8	WASHER-HARD (13.5X25.5X3MM THK)	
	22	1	8T-4896	32	WASHER-HARD (10.2X18.5X2.5MM THK)	
	23	1	8T-5360	12	WASHER (12X22.5X2.5MM THK)	
	24	1	9T-8206	1	VALVE	
	25	1	9T-8207	1	PLUG	
	26	1	9T-8208	1	SPRING	
	27	1	9T-8210	2	HOUSING	
	28	1	164-4540	1	VALVE GP-DIVERTER (COLD WEATHER CLIMATE ONLY)	
		1	2M-9780	1	SEAL-O-RING	
		1	095-1751	2	SEAL-O-RING	
		1	169-1216	1	TUBE AS	
					-OR-	
		1	184-1192	1	PLUG AS	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-3505	1	RING-BACKUP	
		1	095-1751	1	SEAL-O-RING	

HYDRAULIC SYSTEM

177-1407 VALVE GP-CONTROL (contd.)

i01988954



GRAPHIC #1

<END>

g00752796

HYDRAULIC SYSTEM

204-5575 VALVE GP-CONTROL-BULLDOZER

S/N: 7PZ520-UP

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5051

i01989019

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	1U-1799	2	PLUG						
	2	2	1U-2164	1	SPACER (40.50MM THK)						
	3	2	2J-6089	1	SPRING						
	4	2	2N-7029	1	SPRING-CONTROL PIN						
	5	1	3B-4730	1	SPRING						
	6	2	3G-8163	2	SCREW-ADJUSTMENT						
	7	2	3G-8164	2	NUT (3/8-24 THD)						
	8	2	3G-8165	2	NUT (5/8-18 THD)						
B	10	2	5N-9016	4	SHIM (.25 MM THK)						
	11	2	6J-2561	2	VALVE-RELIEF POPPET (LIFT)						
	12	1	7F-1585	2	SPRING-SHUTOFF						
	13	2	8J-4437	1	SPRING						
	14	2	8J-8621	2	SPRING						
	15	2	8M-1679	1	SPRING						
	16	2	9F-2167	2	SCREW-PURGE						
	17	1	9J-1709	1	PLUG						
	18	2	9J-1716	2	COVER						
	19	2	9J-1722	2	RETAINER						
	20	2	9J-5499	1	SPRING						
	24	2	9J-7271	1	SEAT						
	25	2	9J-8752	1	SPRING						
	26	2	9T-5982	1	VALVE (LIFT RELIEF)						
	27	1	9T-8684	2	VALVE (LIFT CYLINDER)						
	28	2	9T-8685	1	VALVE (TILT CYLINDER)						
	30	1	151-8098	1	HOUSING						
B	31	2	152-5559	8	SHIM (.95MM THK)						
B	32	2	152-7041	15	SHIM (.25MM THK)						
	33	2	155-7505	1	SEAT						
	35	2	172-5745	1	HOUSING						
	36	2	178-2311	1	SPRING						
	37	2	178-2312	1	SPRING						
	38	2	178-2313	1	SPRING						
	39	2	178-2314	1	SPRING						
	40	2	180-7154	6	SHIM (1.0MM THK)						
	41	2	197-5035	1	PISTON						
	42	2	204-5116	1	HOUSING						
	43	2	204-5117	1	RETAINER						
	44	2	204-5118	1	HOUSING						
	45	2	204-5119	1	RETAINER						
	46	2	204-5120	1	RETAINER						
	47	2	204-5121	1	RETAINER						
	49	1	222-4737	11	PLUG AS						
					(EACH INCLUDES)						
		1	4J-7533	1	SEAL-O-RING						
		1	9S-4180	1	PLUG						
	51	2	241-2631	1	HOUSING						
	52	2	008-2103	1	SEAL-O-RING						
	53	2	148-8395	1	PLUG AS						
		2	3K-0360	1	SEAL-O-RING						
		2	9S-8005	1	PLUG						
	54	1,2	148-8407	4	PLUG GP						
					(EACH INCLUDES)						
		1,2	9S-4191	1	PLUG						
		1,2	3J-1907	1	SEAL-O-RING						
	55	1	162-0177	2	PLUG AS						
	56	1	173-3993	5	PLUG AS						

HYDRAULIC SYSTEM

204-5575 VALVE GP-CONTROL (contd.)

i01989019

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	57	1	183-7262	2	PLUG AS	
					(EACH INCLUDES)	
		1	2S-4078	1	SEAL-O-RING	
		1	9S-8010	1	PLUG	
	58	2	1H-5728	1	SEAL-O-RING	
	59	1	207-7899	1	PLUG AS	
		1	4K-1388	1	SEAL-O-RING	
		1	9S-4188	1	PLUG	
	60	2	2M-9780	2	SEAL-O-RING	
	61	1	3D-2824	1	SEAL-O-RING	
	62	2	3F-4479	2	PIN-SPRING	
	63	2	3J-1907	1	SEAL-O-RING	
	64	2	4J-0522	2	SEAL-O-RING	
	65	2	4J-0523	2	SEAL-O-RING	
	66	1	4L-9337	4	BOLT (3/8-16X1.5 IN)	
Y	67	2	4T-4073	1	VALVE GP-SHUTTLE	899
	68	2	5H-8848	2	SEAL-O-RING	
	69	2	5P-7684	1	PLUG	
	70	1	5P-8077	6	FLANGE-HALF	
	71	2	6J-3134	2	SEAL-O-RING	
	72	2	6K-6307	1	SEAL-O-RING	
	73	2	7X-0297	2	BOLT (3/8-16X5.75 IN)	
	74	2	7X-0300	2	BOLT (3/8-16X6.5 IN)	
	75	1	7X-0347	12	BOLT (5/8-11X2.25 IN)	
	76	1	7X-0515	2	WASHER-HARD (17X35X5MM THK)	
	77	1	8F-6711	1	SEAL-O-RING	
	78	1	8T-4122	12	WASHER-HARD (17X32X3.5MM THK)	
	79	2	8T-4896	4	WASHER-HARD (10.2X18.5X2.5MM THK)	
	80	1	8T-6871	2	BOLT (5/8-11X2.50 IN)	
	81	1	9B-7237	2	BOLT (3/8-16X1.25 IN)	
	82	2	9T-5734	4	SPACER (1.2MM THK)	

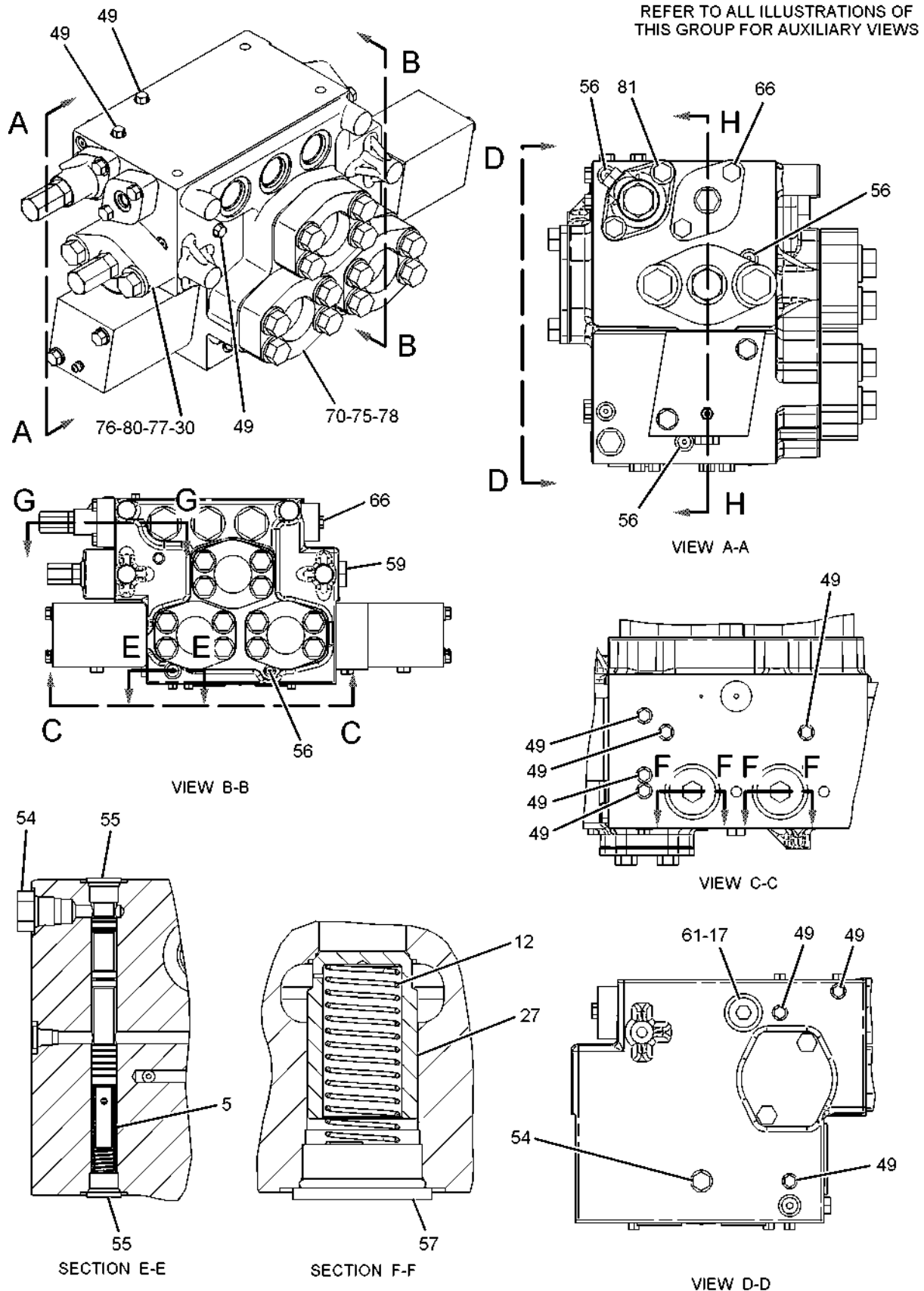
B-USE AS REQUIRED

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

204-5575 VALVE GP-CONTROL (contd.)

i01989019



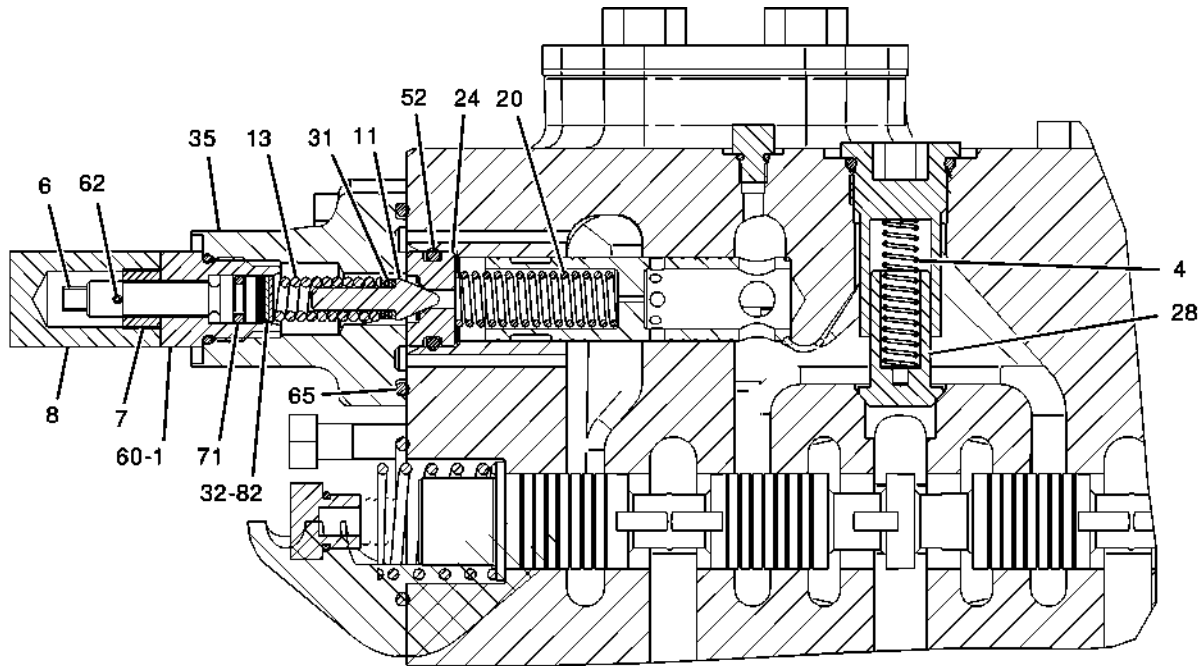
GRAPHIC #1

g01026306

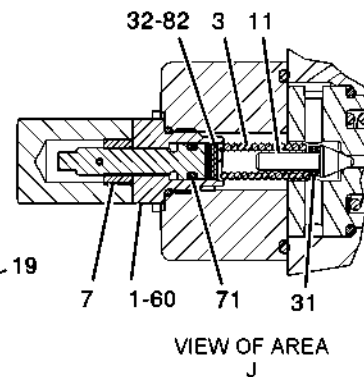
HYDRAULIC SYSTEM

204-5575 VALVE GP-CONTROL (contd.)

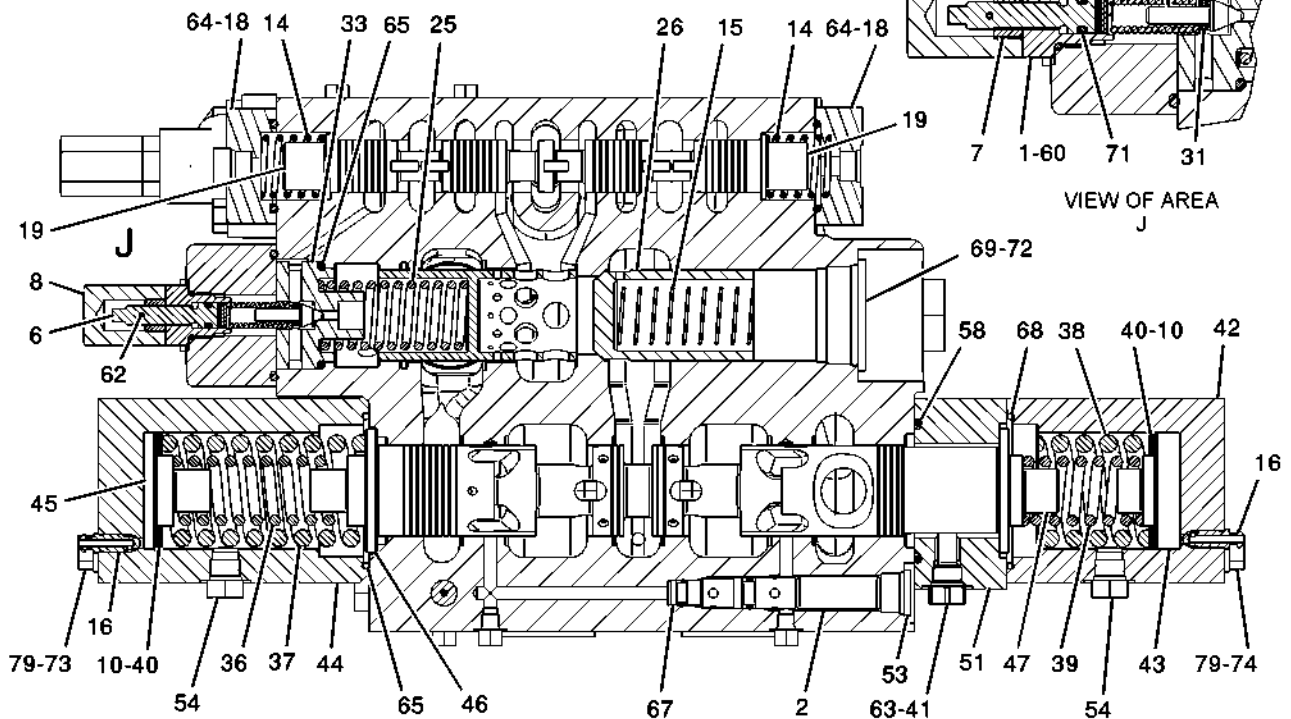
i01989019



SECTION G-G



VIEW OF AREA J



SECTION H-H
<END>

GRAPHIC #2

g01026307

HYDRAULIC SYSTEM

212-6024 VALVE GP-CONTROL-PILOT ON, OFF

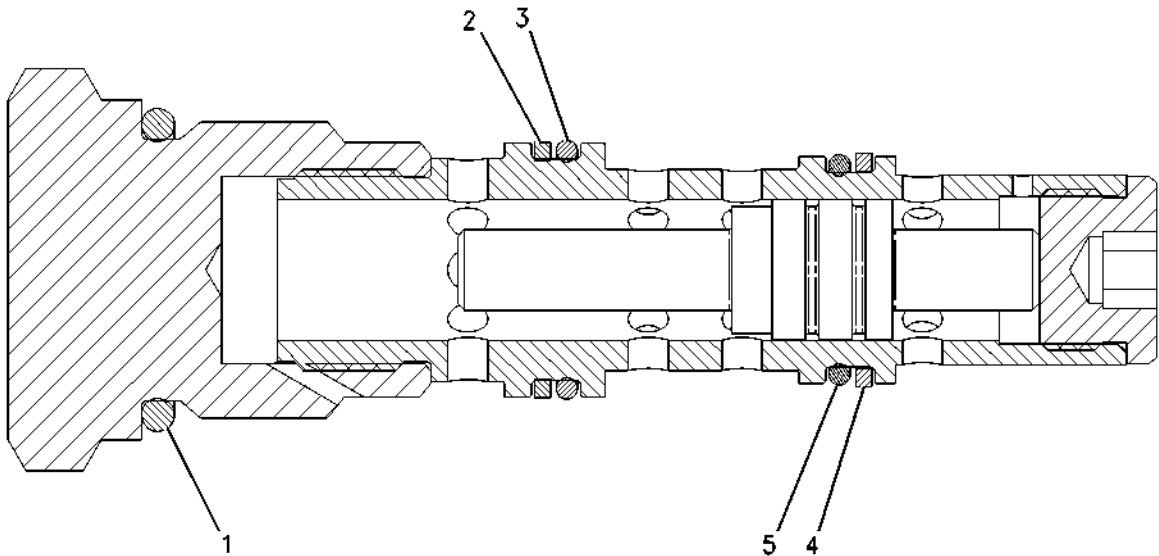
S/N: 7PZ1-UP

PART OF 135-9446, 145-6054, 173-3204 VALVE GP-PILOT
ALSO AN ATTACHMENT

SMCS-5051

i01614404

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2M-9780	1	SEAL-O-RING						
	2	1	5P-2199	1	RING-BACKUP						
	3	1	6E-0410	1	SEAL-O-RING						
	4	1	6V-3505	1	RING-BACKUP						
	5	1	8C-3132	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00843244

HYDRAULIC SYSTEM

237-7654 VALVE GP-CONTROL-IMPLEMENT

S/N: 7PZ735-UP

PART OF 173-1552 CONTROL AR-HYDRAULIC
AN ATTACHMENT

SMCS-5051

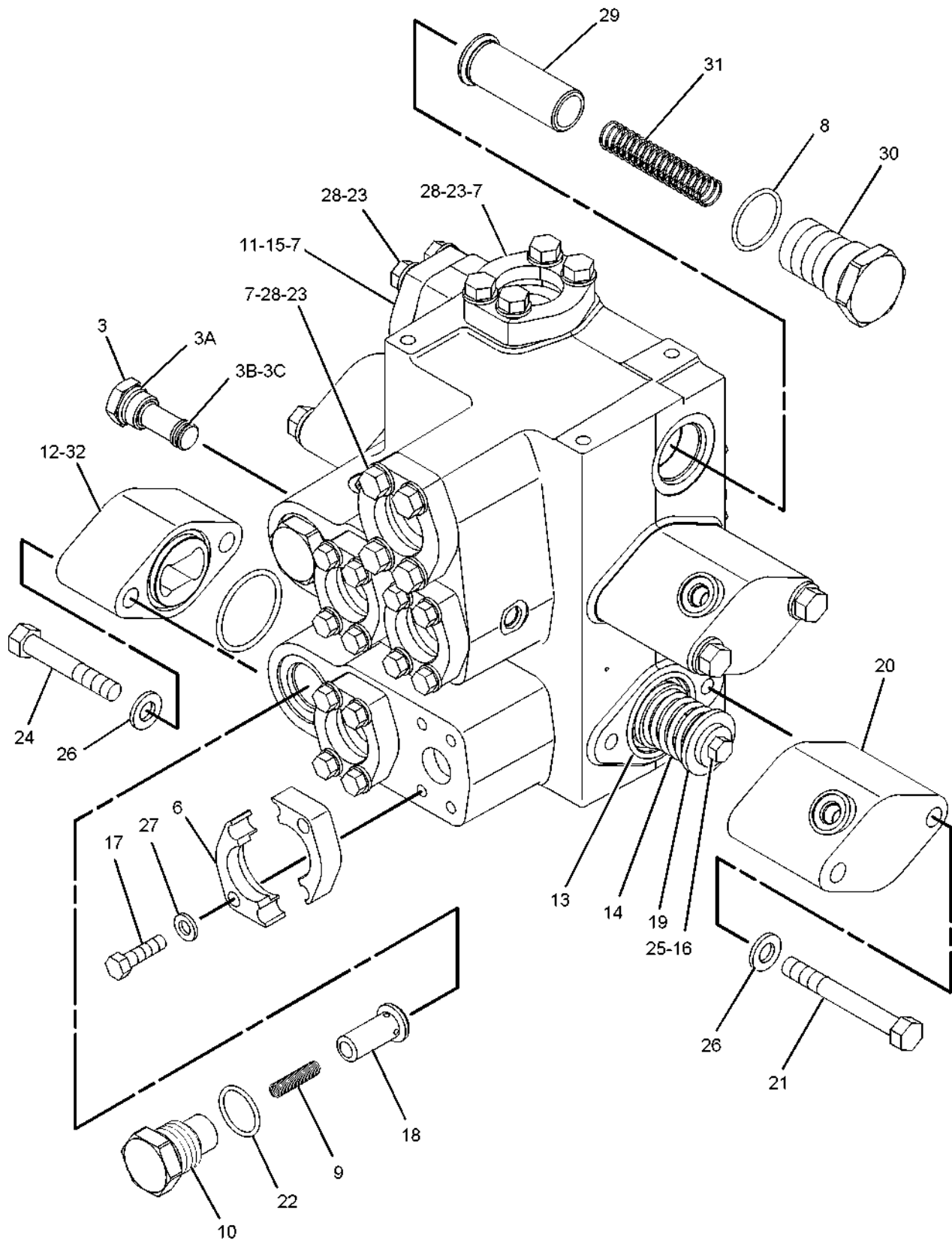
i02029220

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	3	1	184-1192	1	PLUG AS	
	3A	1	2M-9780	1	SEAL-O-RING	
	3B	1	6V-3505	1	RING-BACKUP	
	3C	1	095-1751	1	SEAL-O-RING	
	6	1	1P-4577	16	FLANGE-HALF	
	7	1	1P-4578	6	FLANGE-HALF	
	8	1	2S-4078	1	SEAL-O-RING	
	9	1	3G-3475	2	SPRING	
	10	1	3G-8710	2	PLUG	
	11	1	4J-0522	1	SEAL-O-RING	
	12	1	4J-0525	2	SEAL-O-RING	
	13	1	4J-0526	2	SEAL-O-RING	
	14	1	4T-2620	2	SPRING	
	15	1	5H-4020	1	COVER	
	16	1	5S-7379	2	BOLT (3/8-16X0.875-IN)	
	17	1	5S-7382	32	BOLT (3/8-16X1.375-IN)	
	18	1	6E-4343	2	VALVE (TIP CYLINDER)	
	19	1	6E-4432	4	RETAINER	
	20	1	6E-4492	2	HOUSING	
	21	1	6V-4432	4	BOLT (1/2-13X4-IN)	
	22	1	7M-8485	2	SEAL-O-RING	
	23	1	7X-0308	12	BOLT (7/16-14X1.375-IN)	
	24	1	7X-0326	4	BOLT (1/2-13X3-IN)	
	25	1	8M-7145	2	WASHER (10.2X28.5X5-MM THK)	
	26	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	27	1	8T-4896	32	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	28	1	8T-5360	12	WASHER (12X22.5X2.5-MM THK)	
	29	1	9T-8206	1	VALVE	
	30	1	9T-8207	1	PLUG	
	31	1	9T-8208	1	SPRING	
	32	1	9T-8210	2	HOUSING	

HYDRAULIC SYSTEM

237-7654 VALVE GP-CONTROL (contd.)

i02029220



GRAPHIC #1

<END>

g01027444

HYDRAULIC SYSTEM

105-2470 VALVE GP-MAKEUP-HYDRAULIC FAN

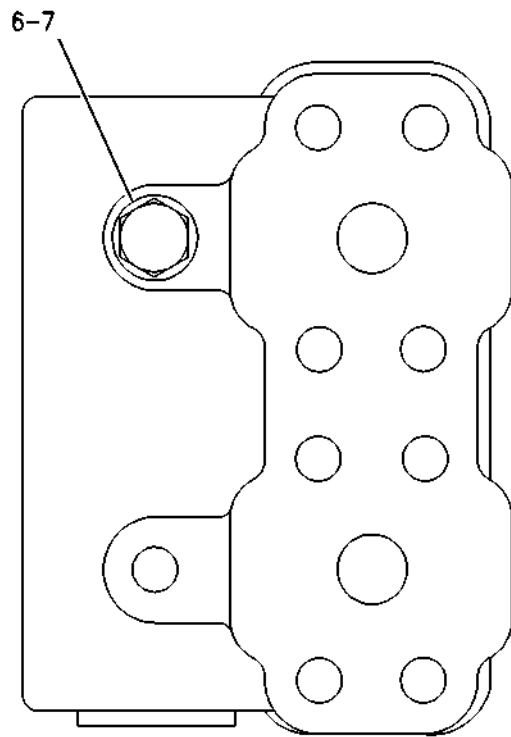
S/N: 7PZ1-UP

PART OF 172-5596 LINES GP-HYDRAULIC FAN

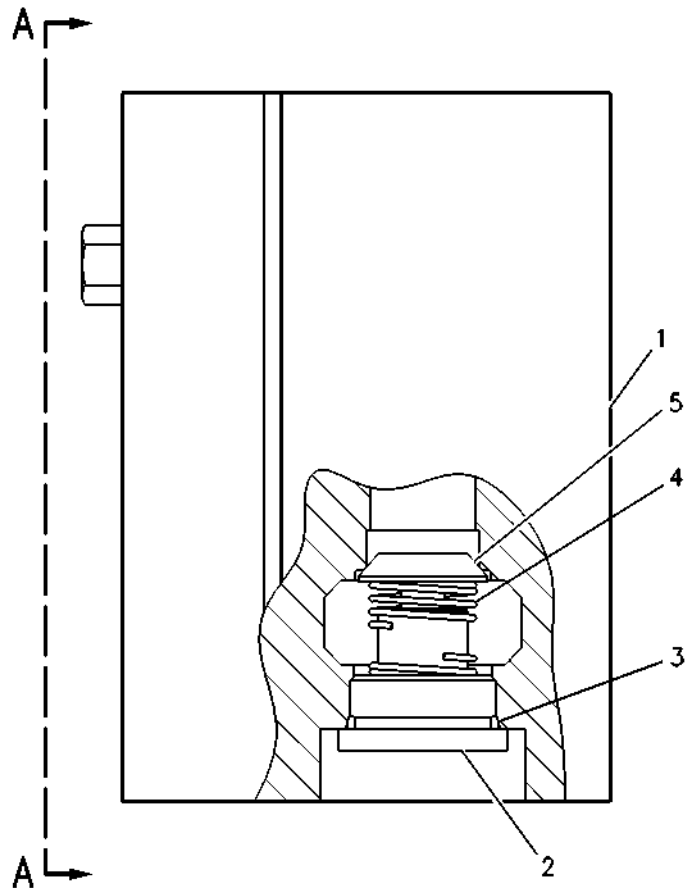
SMCS-5080

i01564398

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	101-0729	1	BODY						
	2	1	1U-0323	1	PLUG AS						
		1	1U-0322	1	BEARING-SLEEVE						
		1	3G-2683	1	PLUG						
3	1		2S-4078	1	SEAL-O-RING						
4	1		7S-8491	1	SPRING						
5	1		7J-7423	1	VALVE						
6	1		9S-4191	1	PLUG-STRAIGHT THREAD						
7	1		3J-1907	1	SEAL-O-RING						



VIEW A-A



GRAPHIC #1

<END>

g00122331

HYDRAULIC SYSTEM

135-9446 VALVE GP-PILOT-IMPLEMENT

S/N: 7PZ407-602

PART OF 155-5553, 173-1552 CONTROL AR-HYDRAULIC
ALSO AN ATTACHMENT

SMCS-5059

i01989013

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	212-6024	1	VALVE GP-CONTROL	875
Y	2	1	114-1266	1	VALVE GP-PRESSURE REDUCING	886
CY	3	1	114-1267	1	VALVE GP-PRESSURE REDUCING	887
Y	4	1	124-3052	8	VALVE GP-SOLENOID	904
	5	1	9S-4191	13	PLUG	
	6	1	3J-1907	26	SEAL-O-RING	
	7	1	9S-8004	12	PLUG	
	8	1	125-6786	1	PLUG	
CY	9	1	152-6761	1	VALVE GP-SOLENOID	908
	10	1	6V-0852	1	CAP-DUST	
	11	1	2M-9780	1	SEAL-O-RING	
	12	1	4M-8303	6	SEAL-O-RING	
M	13	1	8T-4198	3	BOLT (M10X1.5X100MM)	
	14	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)	
	15	1	6V-3965	1	FITTING (QUICK DISCONNECT)	
	16	1	033-6043	1	SEAL-O-RING	

C-CHANGE FROM PREVIOUS TYPE

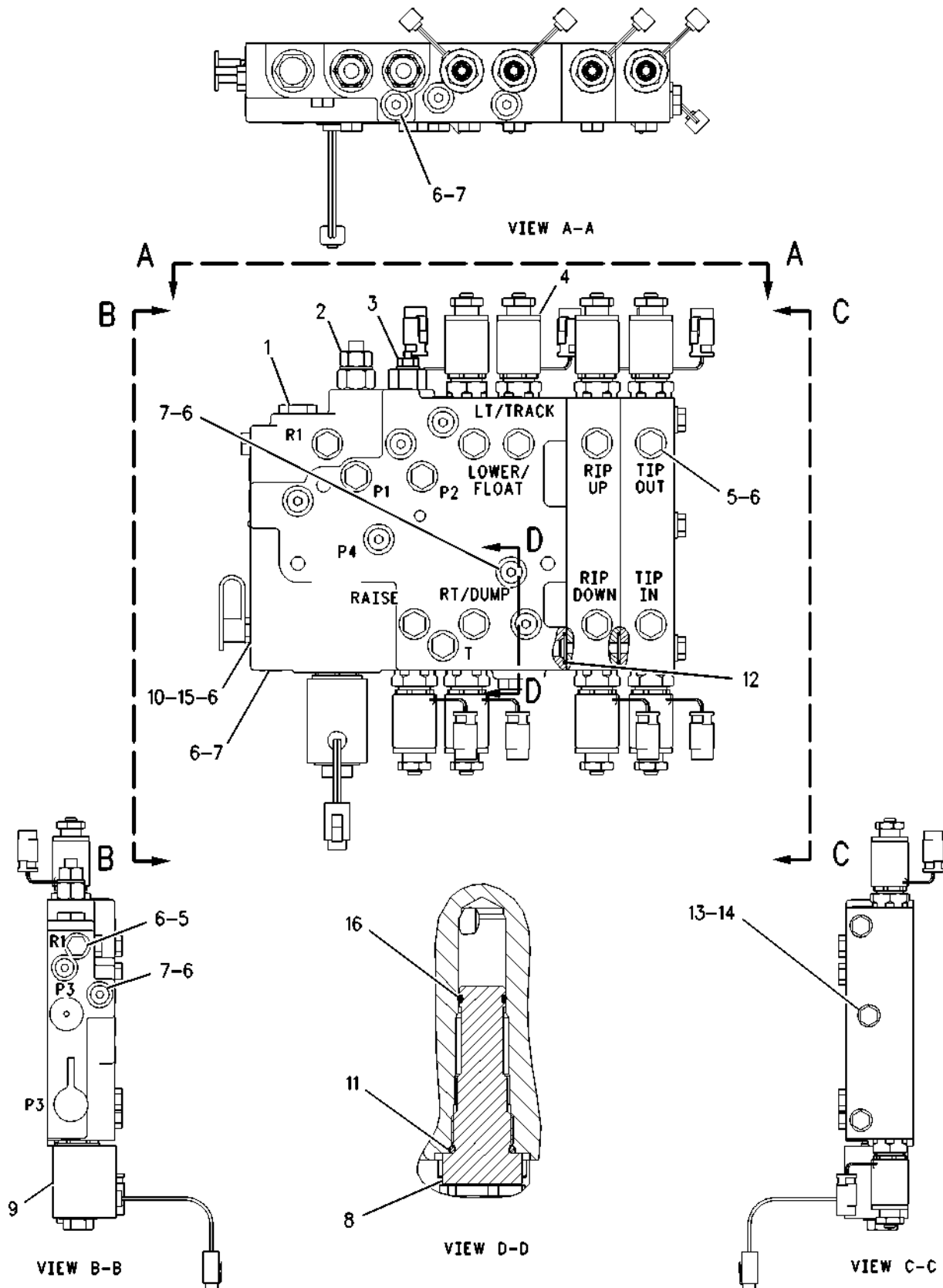
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

135-9446 VALVE GP-PILOT (contd.)

i01989013



GRAPHIC #1

<END>

g00857958

HYDRAULIC SYSTEM

135-9446 VALVE GP-PILOT-IMPLEMENT

S/N: 7PZ603-651

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5059

i01989522

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	212-6024	1	VALVE GP-CONTROL	875
Y	2	1	114-1266	1	VALVE GP-PRESSURE REDUCING	886
Y	3	1	114-1267	1	VALVE GP-PRESSURE REDUCING	887
Y	4	1	124-3052	8	VALVE GP-SOLENOID	904
	5	1	9S-4191	13	PLUG	
	6	1	3J-1907	26	SEAL-O-RING	
	7	1	9S-8004	12	PLUG	
	8	1	125-6786	1	PLUG	
CY	9	1	203-4157	1	VALVE GP-SOLENOID	912
	10	1	6V-0852	1	CAP-DUST	
	11	1	2M-9780	1	SEAL-O-RING	
	12	1	4M-8303	6	SEAL-O-RING	
M	13	1	8T-4198	3	BOLT (M10X1.5X100MM)	
	14	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)	
	15	1	6V-3965	1	FITTING (QUICK DISCONNECT)	
	16	1	033-6043	1	SEAL-O-RING	

C-CHANGE FROM PREVIOUS TYPE

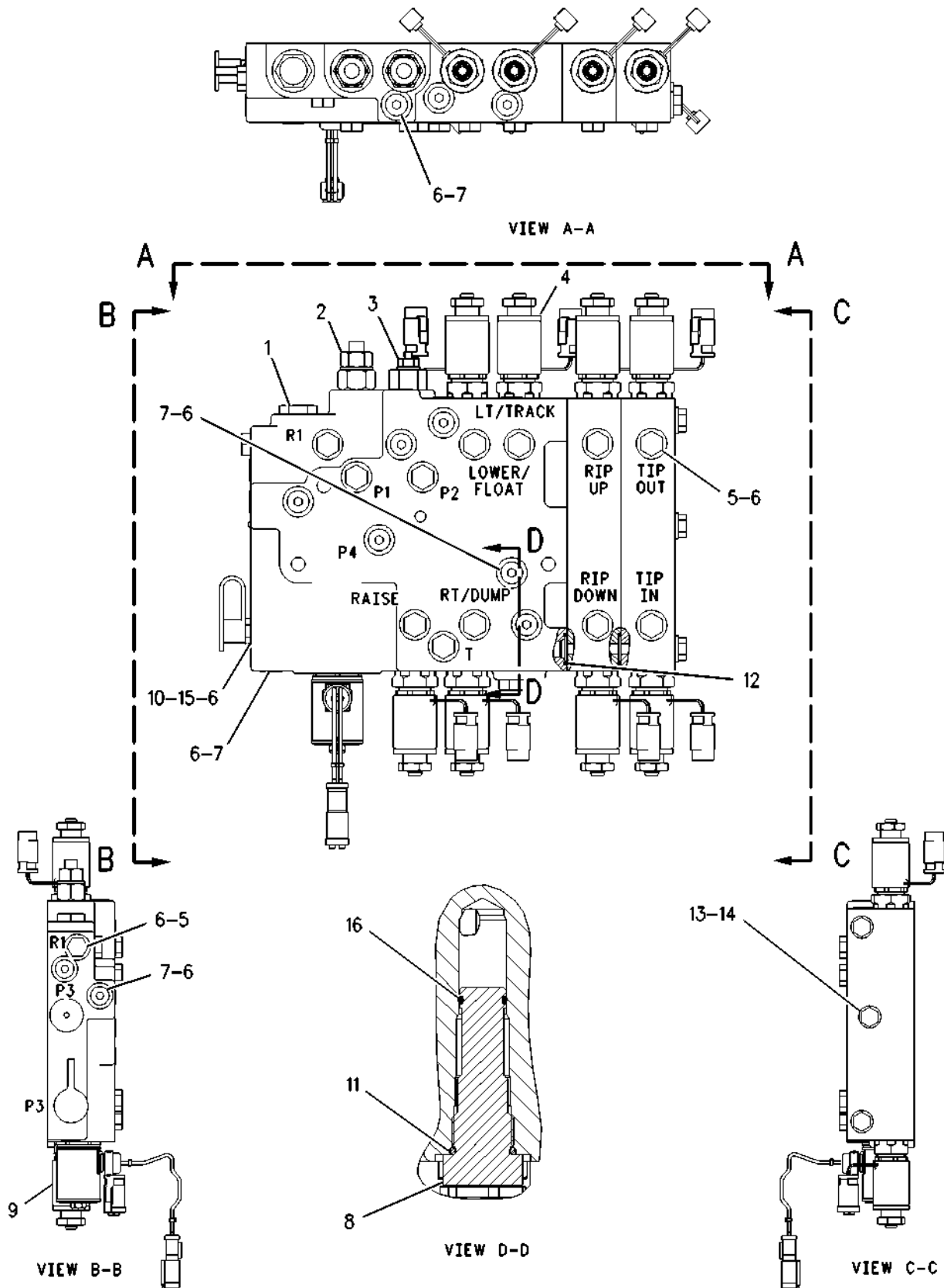
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

135-9446 VALVE GP-PILOT (contd.)

i01989522



GRAPHIC #1

<END>

g01007785

HYDRAULIC SYSTEM

145-6054 VALVE GP-PILOT-IMPLEMENT

S/N: 7PZ1-406

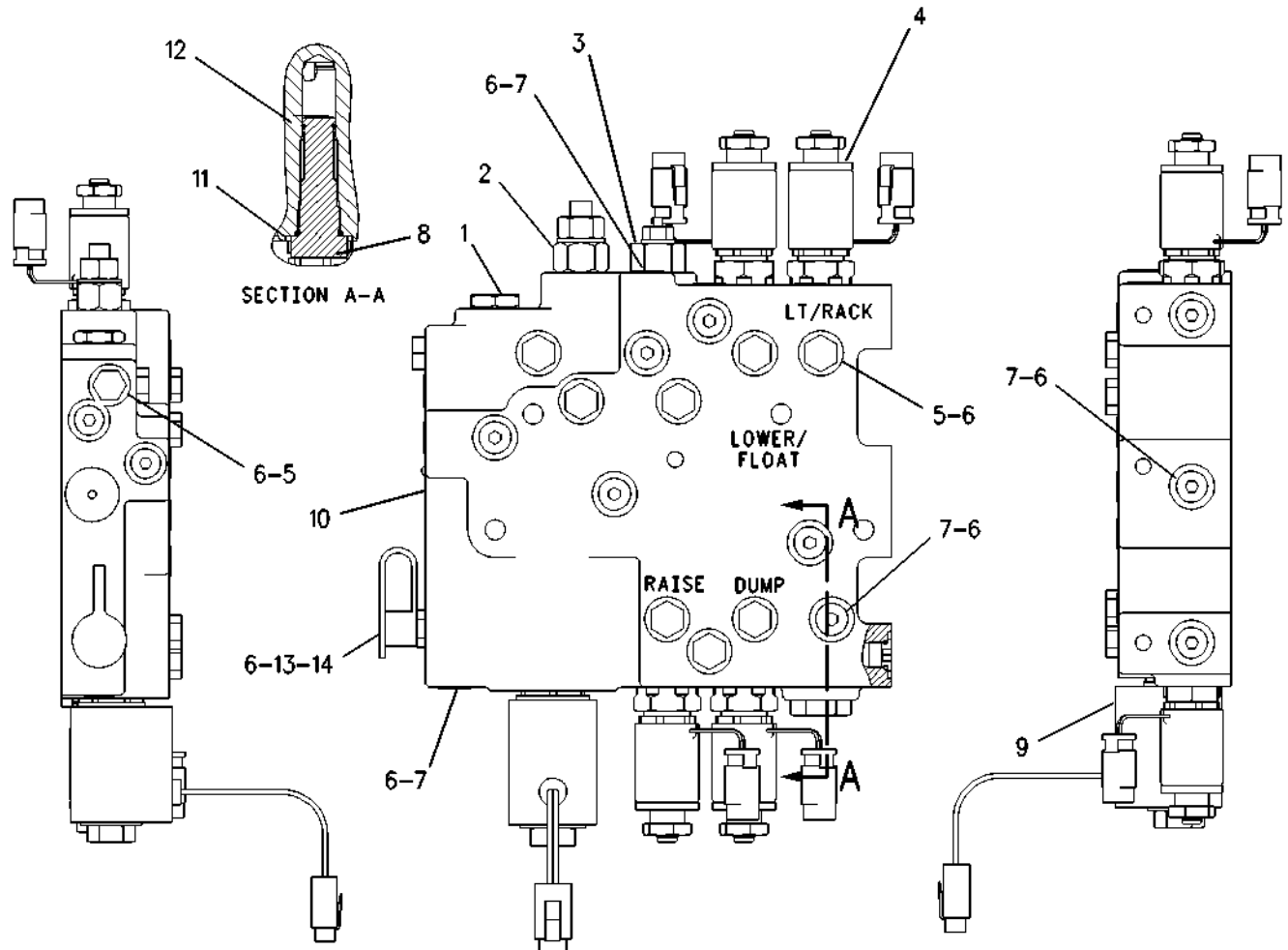
PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5059

i01989014

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	212-6024	1	VALVE GP-CONTROL						875
Y	2	1	114-1266	1	VALVE GP-PRESSURE REDUCING						886
Y	3	1	114-1267	1	VALVE GP-PRESSURE REDUCING						887
Y	4	1	124-3052	4	VALVE GP-SOLENOID						904
	5	1	9S-4191	9	PLUG						
	6	1	3J-1907	25	SEAL-O-RING						
	7	1	9S-8004	15	PLUG						
	8	1	125-6786	1	PLUG						
Y	9	1	152-6761	1	VALVE GP-SOLENOID						908
	10	1	113-0283	1	BODY						
	11	1	2M-9780	1	SEAL-O-RING						
	12	1	033-6043	1	SEAL-O-RING						
	13	1	6V-3965	1	FITTING (QUICK DISCONNECT)						
	14	1	6V-0852	1	CAP-DUST						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00843331

HYDRAULIC SYSTEM

173-3204 VALVE GP-PILOT-IMPLEMENT

S/N: 7PZ652-UP

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5059

i01989024

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3J-1907	26	SEAL-O-RING	
	2	1	2M-9780	1	SEAL-O-RING	
Y	3	1	174-4916	8	VALVE GP-SOLENOID	910
	4	1	4M-8303	6	SEAL-O-RING	
Y	5	1	212-6024	1	VALVE GP-CONTROL	875
	6	1	6V-0852	1	CAP-DUST	
	7	1	6V-3965	1	FITTING (QUICK DISCONNECT)	
	8	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)	
M	9	1	8T-4198	3	BOLT (M10X1.5X100MM)	
	10	1	9S-4191	13	PLUG	
	11	1	9S-8004	12	PLUG	
	12	1	033-6043	1	SEAL-O-RING	
Y	13	1	114-1267	1	VALVE GP-PRESSURE REDUCING	887
Y	14	1	217-2713	1	VALVE GP-PRESSURE REDUCING	888
Y	15	1	203-4157	1	VALVE GP-SOLENOID	912
	16	1	125-6786	1	PLUG	

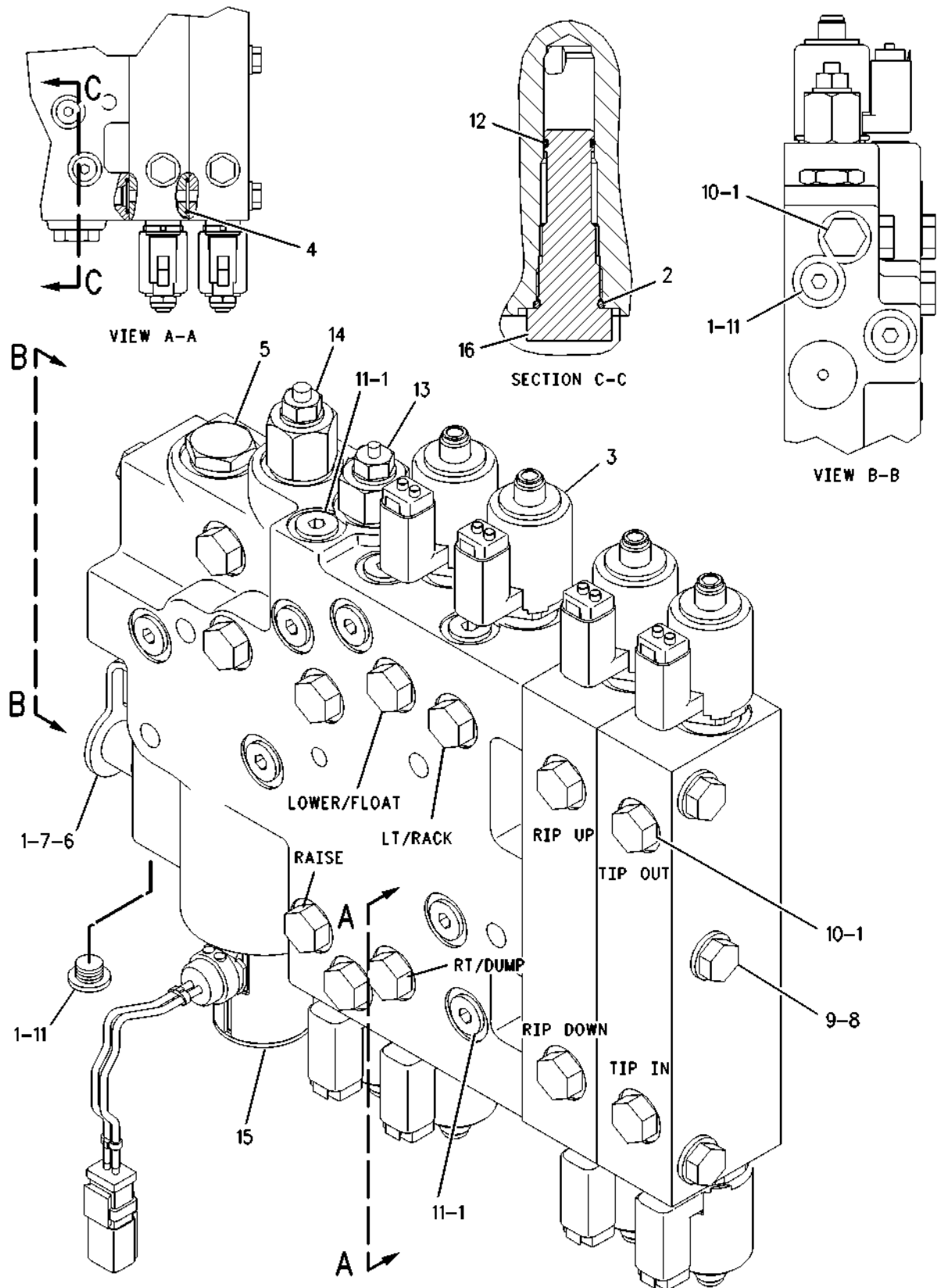
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

173-3204 VALVE GP-PILOT (contd.)

i01989024



GRAPHIC #1

<END>

g00926111

HYDRAULIC SYSTEM

114-1266 VALVE GP-PRESSURE REDUCING-IMPLEMENT

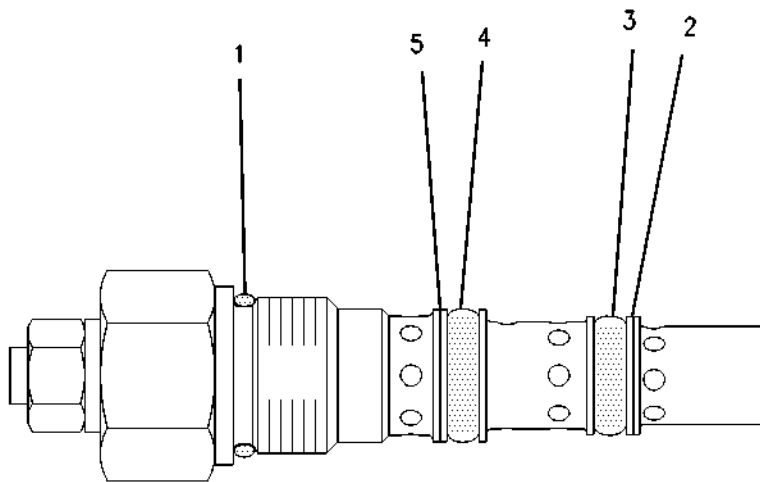
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PART OF 135-9446, 145-6054 VALVE GP-PILOT
ALSO AN ATTACHMENT

SMCS-5117

i01464052

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2M-9780	1	SEAL-O-RING						
	2	1	6V-3505	1	RING-BACKUP						
	3	1	8C-3132	1	SEAL-O-RING						
	4	1	6E-0410	1	SEAL-O-RING						
	5	1	5P-2199	1	RING-BACKUP						



GRAPHIC #1

<END>

g00765123

HYDRAULIC SYSTEM

114-1267 VALVE GP-PRESSURE REDUCING-IMPLEMENT

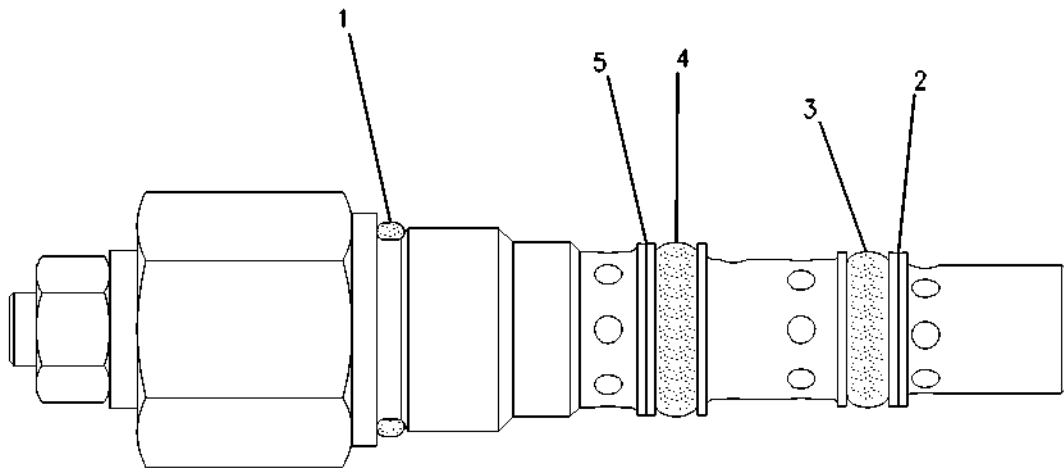
S/N: 7PZ1-UP

PART OF 135-9446, 145-6054, 173-3204 VALVE GP-PILOT
ALSO AN ATTACHMENT

SMCS-5117

i01464060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2M-9780	1	SEAL-O-RING						
	2	1	6V-3505	1	RING-BACKUP						
	3	1	8C-3132	1	SEAL-O-RING						
	4	1	6E-0410	1	SEAL-O-RING						
	5	1	5P-2199	1	RING-BACKUP						



GRAPHIC #1

<END>

g00765132

HYDRAULIC SYSTEM

217-2713 VALVE GP-PRESSURE REDUCING-DOZER LIFT

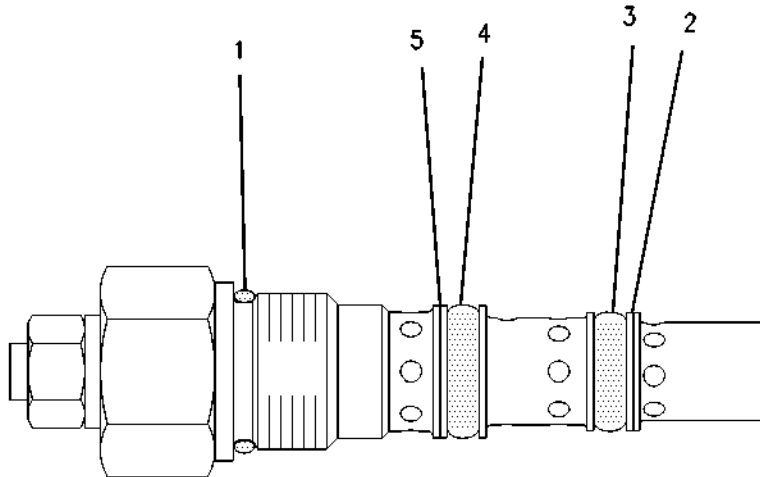
S/N: 7PZ652-UP

PART OF 173-3204 VALVE GP-PILOT

SMCS-5117

i01691080

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2M-9780	1	SEAL-O-RING						
	2	1	6V-3505	1	RING-BACKUP						
	3	1	8C-3132	1	SEAL-O-RING						
	4	1	6E-0410	1	SEAL-O-RING						
	5	1	5P-2199	1	RING-BACKUP						



GRAPHIC #1

<END>

g00765123

HYDRAULIC SYSTEM

6E-6170 VALVE GP-PRESS & FLOW CMPNSTR- FRONT HYDRAULIC FAN

S/N: 7PZ1-UP

PART OF 172-5637 PUMP GP-PISTON

SMCS-5455

i01659770

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-6527	2	PLUG						
	2	1	6E-6528	6	SEAL						
Z	3	1		1	BODY						
	4	1	9X-7680	3	SEAL-O-RING						
C	5	1	5P-9262	1	SEAL-O-RING						
C	6	1	105-2145	1	VALVE-ORIFICE						
Z	7	1		2	STEM-VALVE						
	8	1	6E-3269	1	RETAINER-SPRING						
	9	1	6E-3276	1	SPRING (OUTER)						
	10	1	6E-3273	1	SEAT						
	11	1	6V-8352	1	SEAL-O-RING						
	12	1	6E-6536	1	PLUG						
M	13	1	6E-6537	2	SCREW-ADJUSTMENT (M8X1X28MM)						
M	14	1	6E-6538	2	NUT-ADJUSTMENT (M8X1 THD)						
M	15	1	6E-6539	2	NUT-CAP (M8X1 THD)						
	16	1	6E-6540	1	PLUG						
	17	1	033-6043	1	SEAL-O-RING						
	18	1	6E-3272	1	SEAT						
	19	1	6E-3274	1	SPRING						
	20	1	6E-3275	1	SPRING						
	21	1	6E-3268	1	RETAINER-SPRING						
	22	1	9S-8002	1	PLUG						
	23	1	3J-7354	1	SEAL-O-RING						
M	24	1	096-3218	1	SETSCREW-SOCKET (M4X0.4X6MM)						
M	25	1	8T-8442	4	BOLT-SOCKET HEAD (M6X1X30MM)						
	26	1	193-1036	1	SPRING (INNER)						

C-CHANGE FROM PREVIOUS TYPE

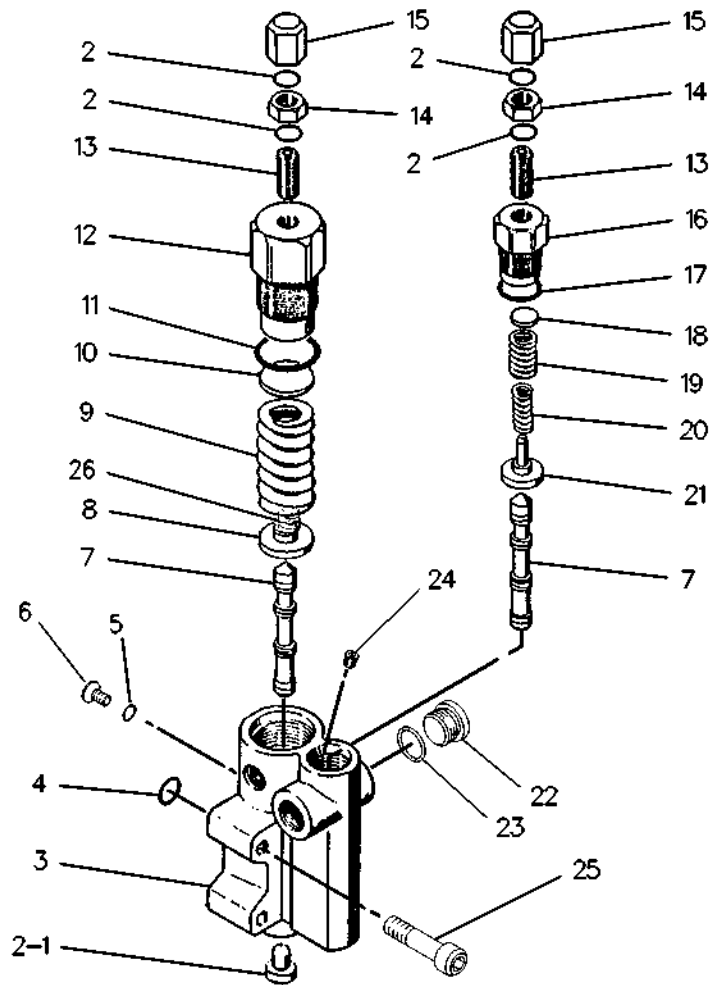
M-METRIC PART

Z-NOT SERVICED SEPARATELY

HYDRAULIC SYSTEM

6E-6170 VALVE GP - PRESS & FLOW CMPNSTR (contd.)

i01659770



GRAPHIC #1

<END>

g00873490

HYDRAULIC SYSTEM

118-2874 VALVE GP-PUMP CONTROL-REAR HYDRAULIC FAN

S/N: 7PZ1-UP

PART OF 172-5636 PUMP GP-PISTON

SMCS-5455

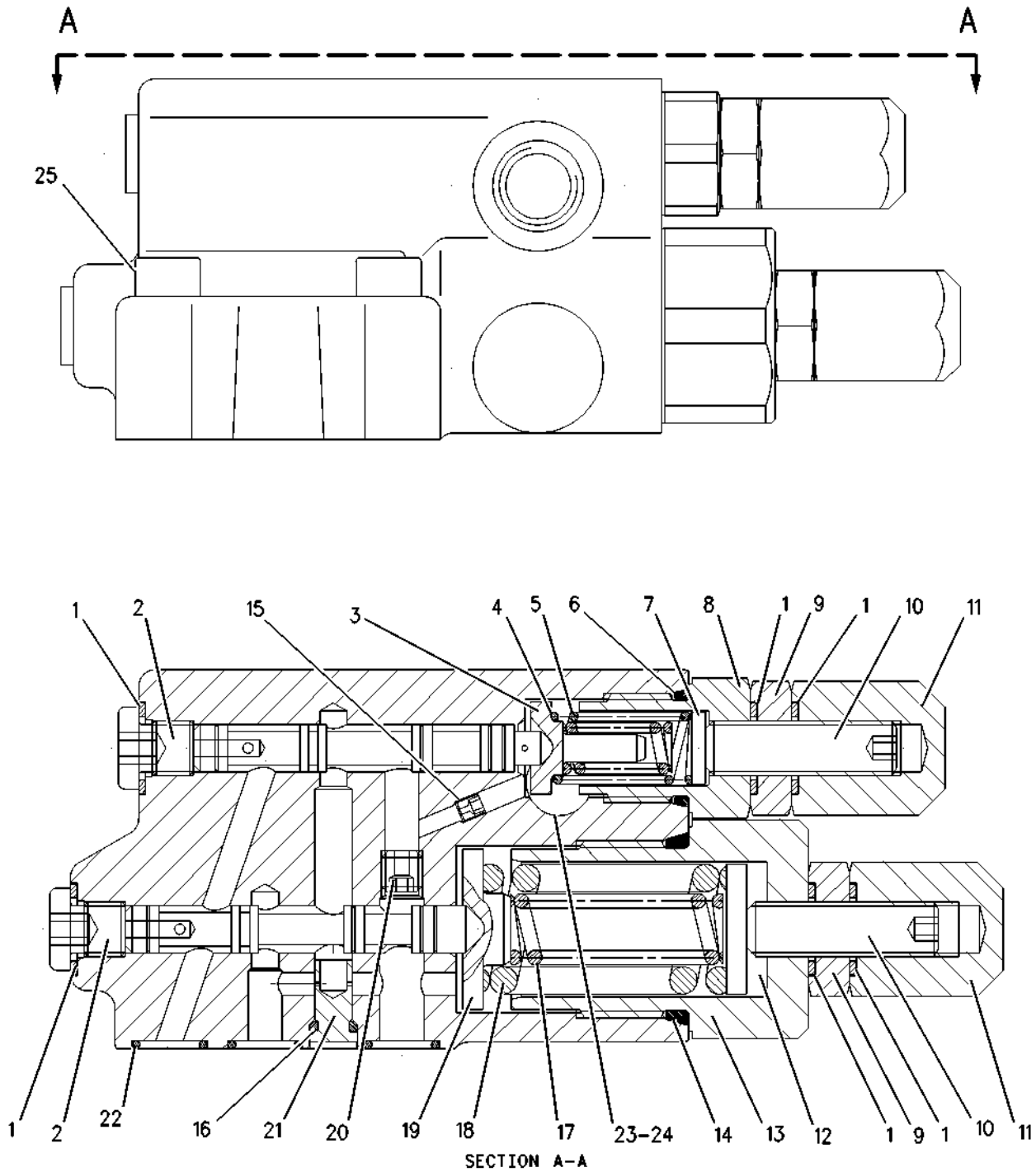
i02024022

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-6528	6	SEAL						
	2	1	6E-6527	2	PLUG						
	3	1	6E-3268	1	RETAINER-SPRING						
	4	1	6E-3275	1	SPRING						
	5	1	6E-3274	1	SPRING						
	6	1	033-6043	1	SEAL-O-RING						
	7	1	6E-3272	1	SEAT						
	8	1	6E-6540	1	PLUG						
M	9	1	6E-6538	2	NUT-ADJUSTMENT (M8X1-THD)						
M	10	1	6E-6537	2	SCREW-ADJUSTMENT (M8X1X28-MM)						
M	11	1	6E-6539	2	NUT-CAP (M8X1-THD)						
	12	1	6E-3273	1	SEAT						
	13	1	6E-6536	1	PLUG						
	14	1	6V-8352	1	SEAL-O-RING						
	15	1	6E-6545	1	PLUG						
	16	1	5P-9262	1	SEAL-O-RING						
	17	1	193-1036	1	SPRING						
	18	1	6E-3276	1	SPRING						
	19	1	6E-3269	1	RETAINER-SPRING						
	20	1	201-0780	1	ORIFICE						
	21	1	105-2145	1	VALVE-ORIFICE						
	22	1	9X-7680	3	SEAL-O-RING						
	23	1	9S-8002	1	PLUG						
	24	1	3J-7354	1	SEAL-O-RING						
M	25	1	8T-8442	4	BOLT-SOCKET HEAD (M6X1X30-MM)						
M-METRIC PART											

HYDRAULIC SYSTEM

118-2874 VALVE GP - PUMP CONTROL (contd.)

i02024022



GRAPHIC #1

<END>

g00784373

HYDRAULIC SYSTEM

135-6616 VALVE GP - PUMP CONTROL-FRONT HYDRAULIC FAN

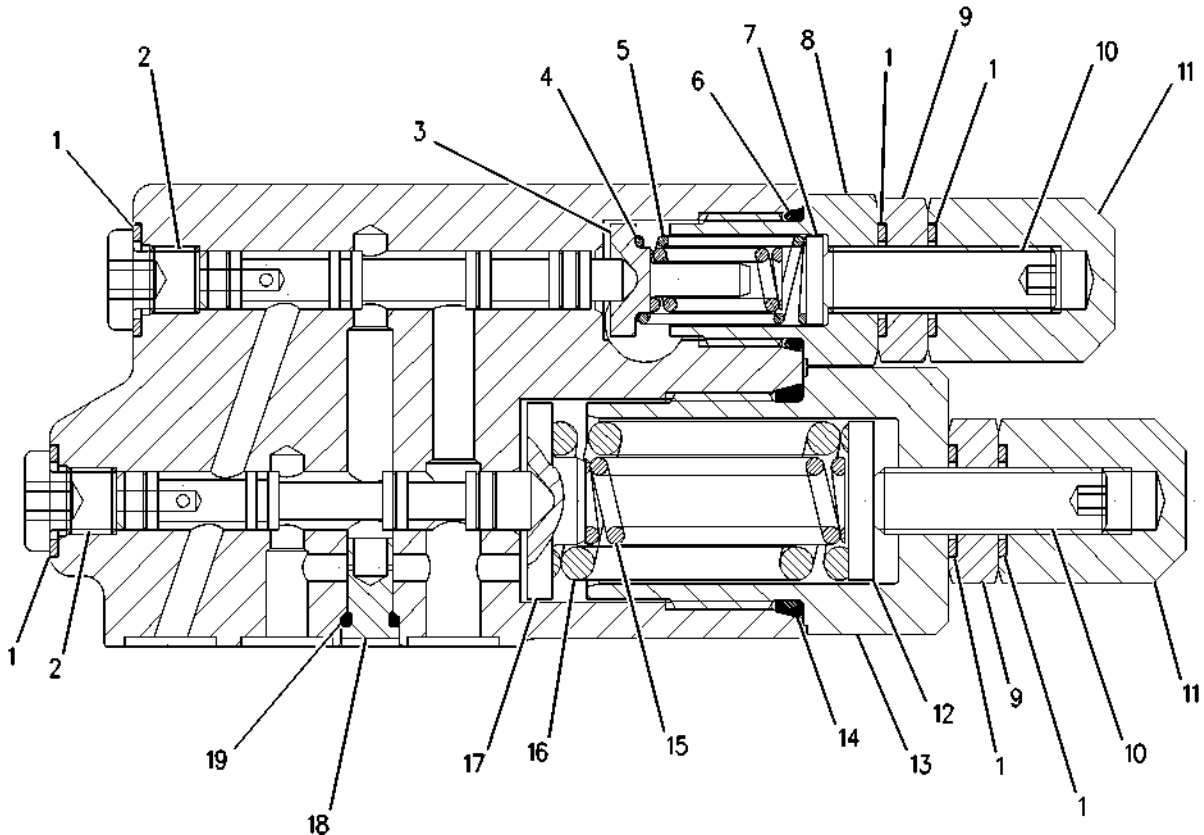
S/N: 7PZ1-UP

PART OF 172-5637 PUMP GP-PISTON

SMCS-5455

i01536108

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-6528	6	SEAL (9.3MM ID)						
	2	1	6E-6527	2	PLUG						
	3	1	6E-3268	1	RETAINER-SPRING						
	4	1	6E-3275	1	SPRING						
	5	1	6E-3274	1	SPRING						
	6	1	033-6043	1	SEAL-O-RING						
	7	1	6E-3272	1	SEAT						
	8	1	6E-6540	1	PLUG						
	9	1	6E-6538	2	NUT-ADJUSTMENT (M8X1 THD)						
	10	1	6E-6537	2	SCREW-ADJUSTMENT (M8X1X28MM)						
	11	1	6E-6539	2	NUT-CAP (M8X1 THD)						
	12	1	6E-3273	1	SEAT						
	13	1	6E-6536	1	PLUG						
	14	1	6V-8352	1	SEAL-O-RING						
	15	1	193-1036	1	SPRING						
	16	1	6E-3276	1	SPRING						
	17	1	6E-3269	1	RETAINER-SPRING						
	18	1	105-2145	1	VALVE-ORIFICE						
	19	1	5P-9262	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00798223

HYDRAULIC SYSTEM

193-3182 VALVE GP-PUMP CONTROL-REAR HYDRAULIC FAN

S/N: 7PZ1-UP

PART OF 172-5636 PUMP GP-PISTON

SMCS-5455

i01877537

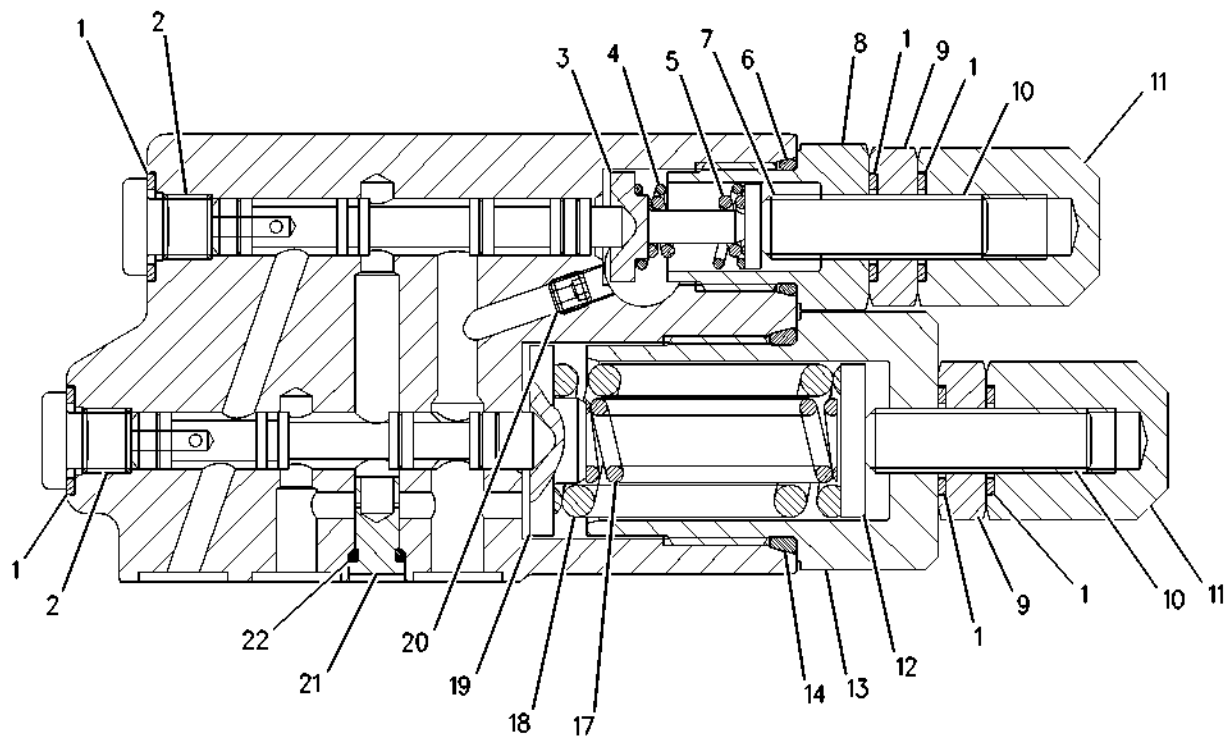
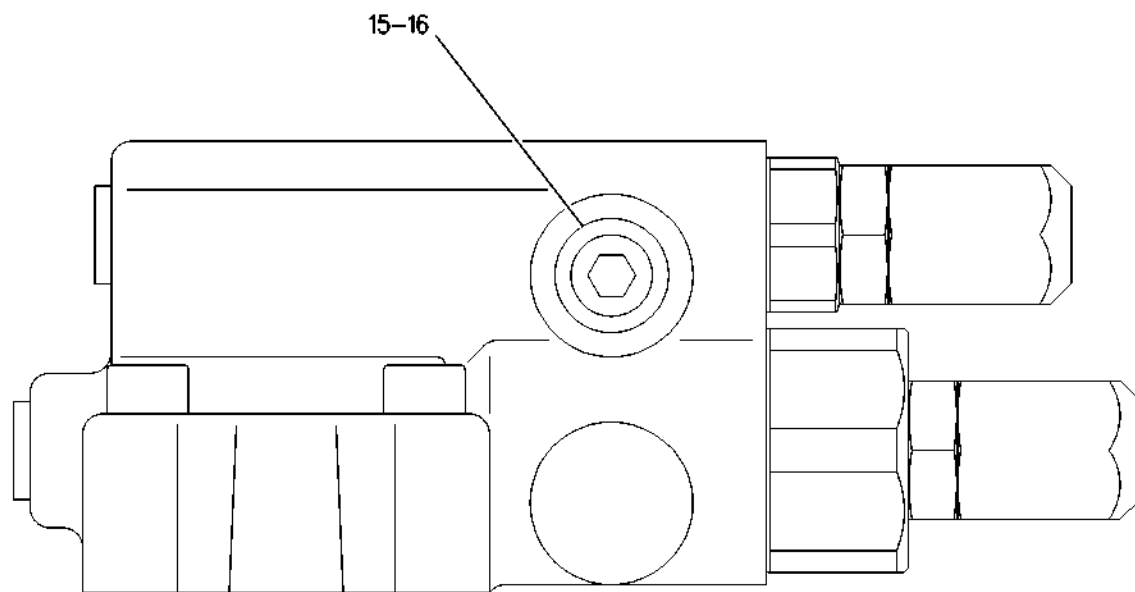
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-6528	6	SEAL						
	2	1	6E-6527	2	PLUG						
	3	1	6E-3268	1	RETAINER-SPRING						
	4	1	6E-3275	1	SPRING						
	5	1	6E-3274	1	SPRING						
	6	1	033-6043	1	SEAL-O-RING						
	7	1	6E-3272	1	SEAT						
	8	1	6E-6540	1	PLUG						
M	9	1	6E-6538	2	NUT-ADJUSTMENT (M8X1 THD)						
M	10	1	6E-6537	2	SCREW-ADJUSTMENT (M8X1X28MM)						
M	11	1	6E-6539	2	NUT-CAP (M8X1 THD)						
	12	1	6E-3273	1	SEAT						
	13	1	6E-6536	1	PLUG						
	14	1	6V-8352	1	SEAL-O-RING						
	15	1	9S-8002	2	PLUG						
	16	1	3J-7354	2	SEAL-O-RING						
	17	1	193-1036	1	SPRING						
	18	1	6E-3276	1	SPRING						
	19	1	6E-3269	1	RETAINER-SPRING						
	20	1	6E-6545	1	PLUG						
	21	1	105-2145	1	VALVE-ORIFICE						
	22	1	5P-9262	1	SEAL-O-RING						

M-METRIC PART

HYDRAULIC SYSTEM

193-3182 VALVE GP - PUMP CONTROL (contd.)

i01877537



GRAPHIC #1

<END>

g00804113

HYDRAULIC SYSTEM

9T-5653 VALVE GP-QUICK-DROP-BULLDOZER

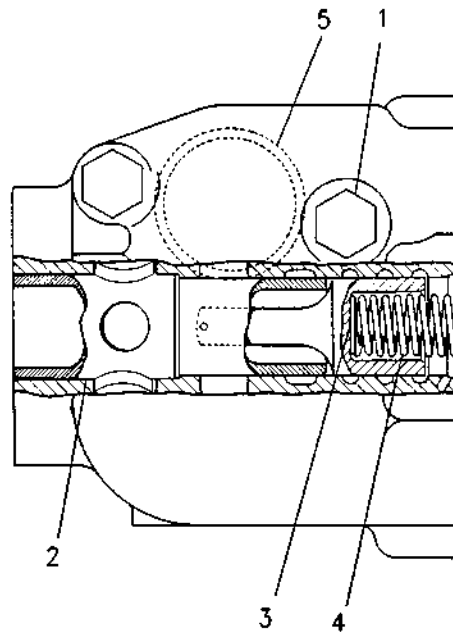
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PART OF 9W-8579, 9W-8580 CYLINDER & VALVE GP-BULLDOZER, 201-3215, 201-3218
CYLINDER & VALVE GP-LIFT
AN ATTACHMENT

SMCS-5110

i01574795

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-0352	2	BOLT (5/8-11X4 IN)						
		1	8T-4122	2	WASHER-HARD (17X32X3.5MM THK)						
	2	1	4J-7101	1	SLEEVE						
	3	1	6B-0863	1	WASHER (16.7X25.4X1.6MM THK)						
	4	1	7M-1297	1	SPRING						
	5	1	7F-8268	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00818392

HYDRAULIC SYSTEM

220-4551 VALVE GP-SEQUENCE-HYDRAULIC FAN FLUID FLOW

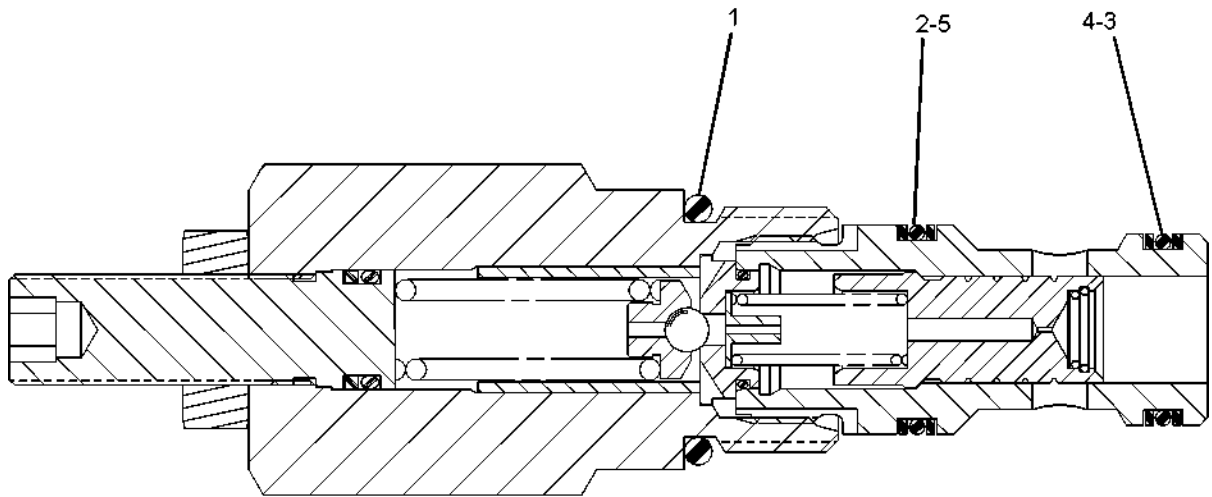
S/N: 7PZ652-UP

PART OF 226-6537 MANIFOLD GP-CONTROL

SMCS-5051

i01928074

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2M-9780	1	SEAL-O-RING						
	2	1	6V-5142	1	SEAL-O-RING						
	3	1	095-1751	1	SEAL-O-RING						
	4	1	169-1616	2	RING-BACKUP						
	5	1	169-1617	2	RING-BACKUP						
					AVAILABLE REPAIR KIT(S) :						
					200-6283	1	KIT-SEAL (SEQUENCE VALVE)				
					(INCLUDES SEAL -O-RINGS & BACKUP RINGS)						



GRAPHIC #1

<END>

g01044456

HYDRAULIC SYSTEM

4T-1860 VALVE GP-SHUTTLE-BALL RESOLVER

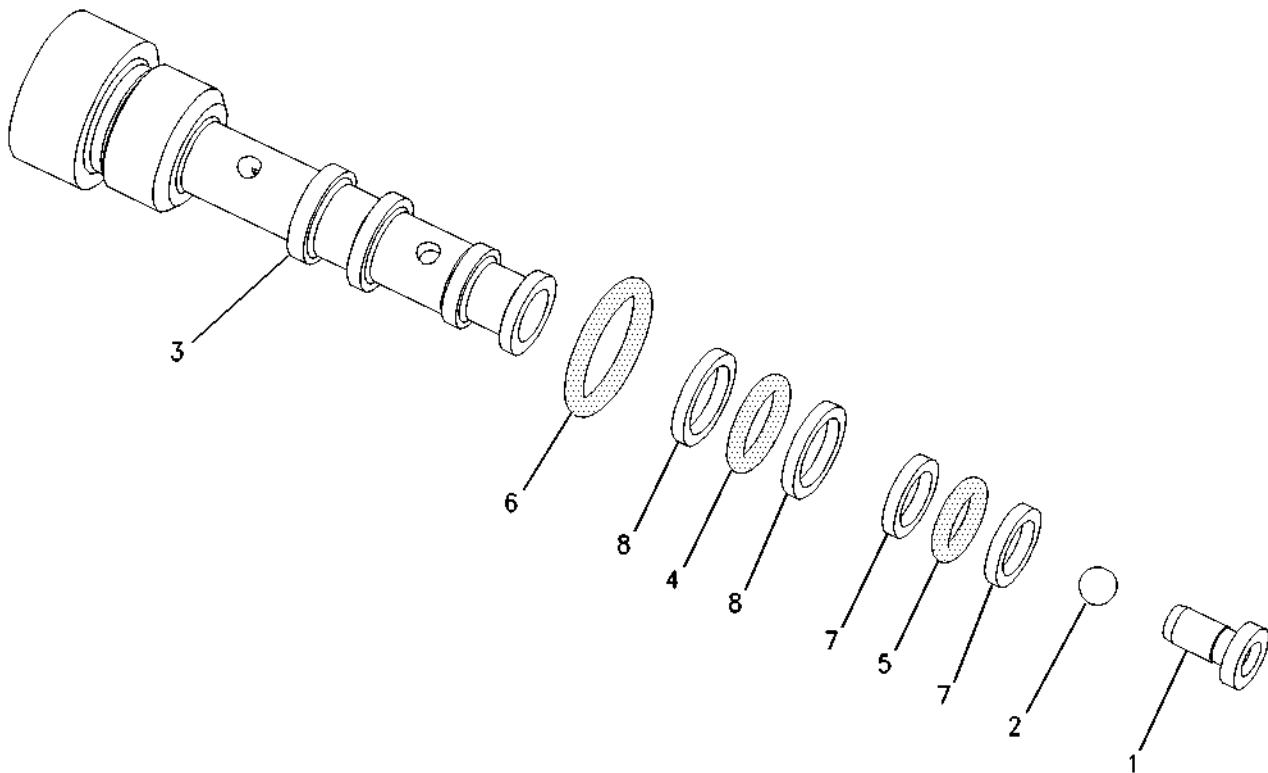
S/N: 7PZ1-UP

PART OF 132-5077 VALVE GP-SHUTTLE

SMCS-5079

i01624620

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	SEAT						
	2	1	1M-6718	1	BALL						
Z	3	1		1	VALVE						
	4	1	8C-3085	1	SEAL-O-RING						
	5	1	6V-5586	1	SEAL-O-RING						
	6	1	3J-1907	1	SEAL-O-RING						
	7	1	4T-5070	2	RING-BACKUP						
	8	1	4T-5071	2	RING-BACKUP						
Z-NOT SERVICED SEPARATELY											



GRAPHIC #1

<END>

g00775006

HYDRAULIC SYSTEM

4T-4073 VALVE GP-SHUTTLE-BALL RESOLVER

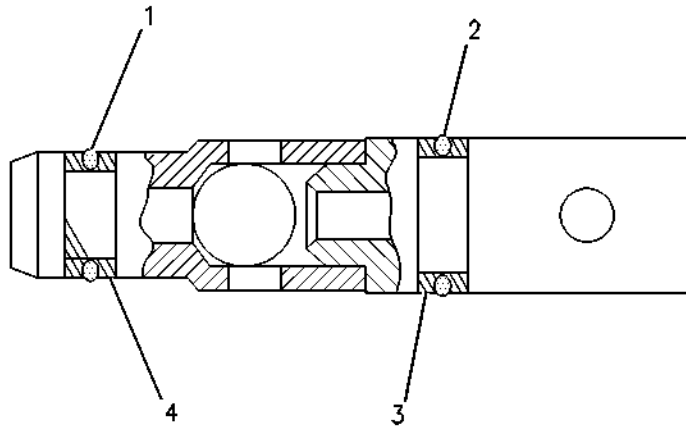
S/N: 7PZ1-UP

PART OF 172-6977, 204-5575 VALVE GP-CONTROL

SMCS-5079

i01564592

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	033-6039	1	SEAL-O-RING						
	2	1	8L-2777	1	SEAL-O-RING						
	3	1	6E-0382	2	RING-BACKUP						
	4	1	6E-0381	2	RING-BACKUP						



GRAPHIC #1

<END>

g00279740

HYDRAULIC SYSTEM

132-5077 VALVE GP-SHUTTLE-DOZER LIFT

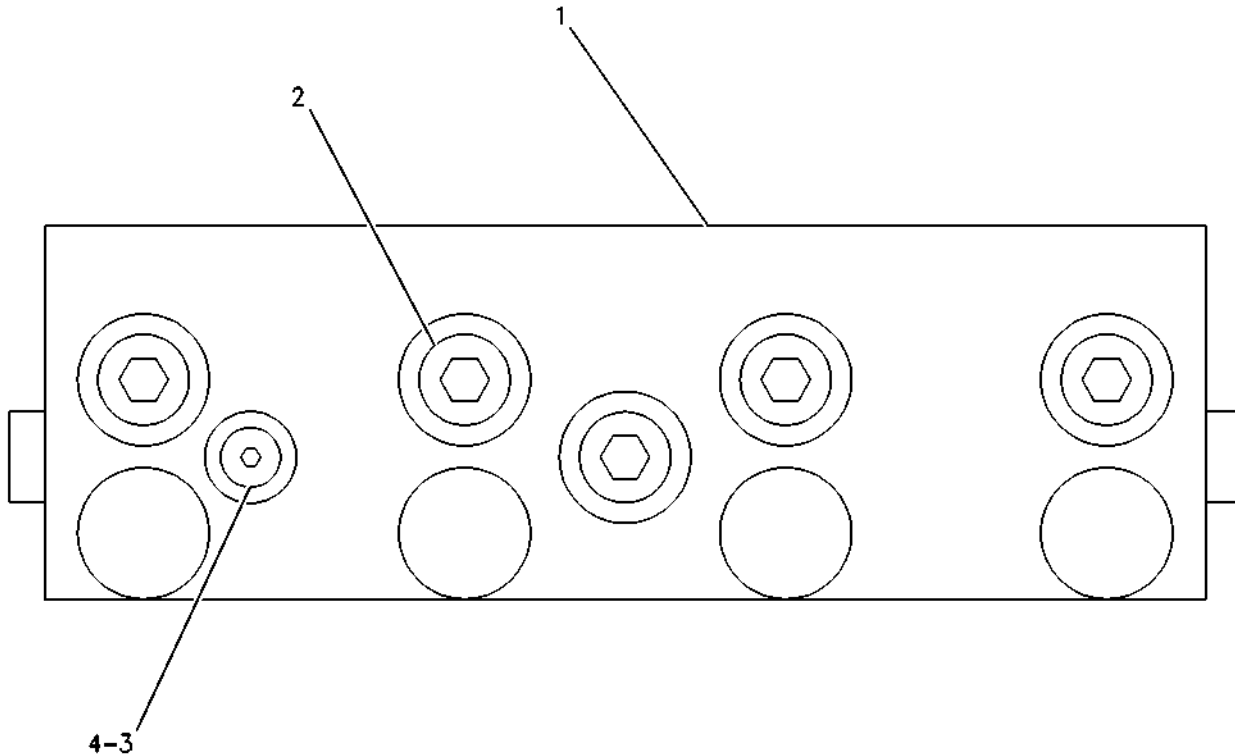
S/N: 7PZ1-UP

PART OF 131-2101 LINES GP-LIFT CYLINDER

SMCS-5079

i01564833

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	132-5076	1	MANIFOLD	
Y	2	1	4T-1860	7	VALVE GP-SHUTTLE (BALL RESOLVER)	898
	3	1	9S-8001	12	PLUG	
	4	1	4J-7533	12	SEAL-O-RING	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g00259250

HYDRAULIC SYSTEM

3E-8575 VALVE GP-SOLENOID-RIPPER PIN

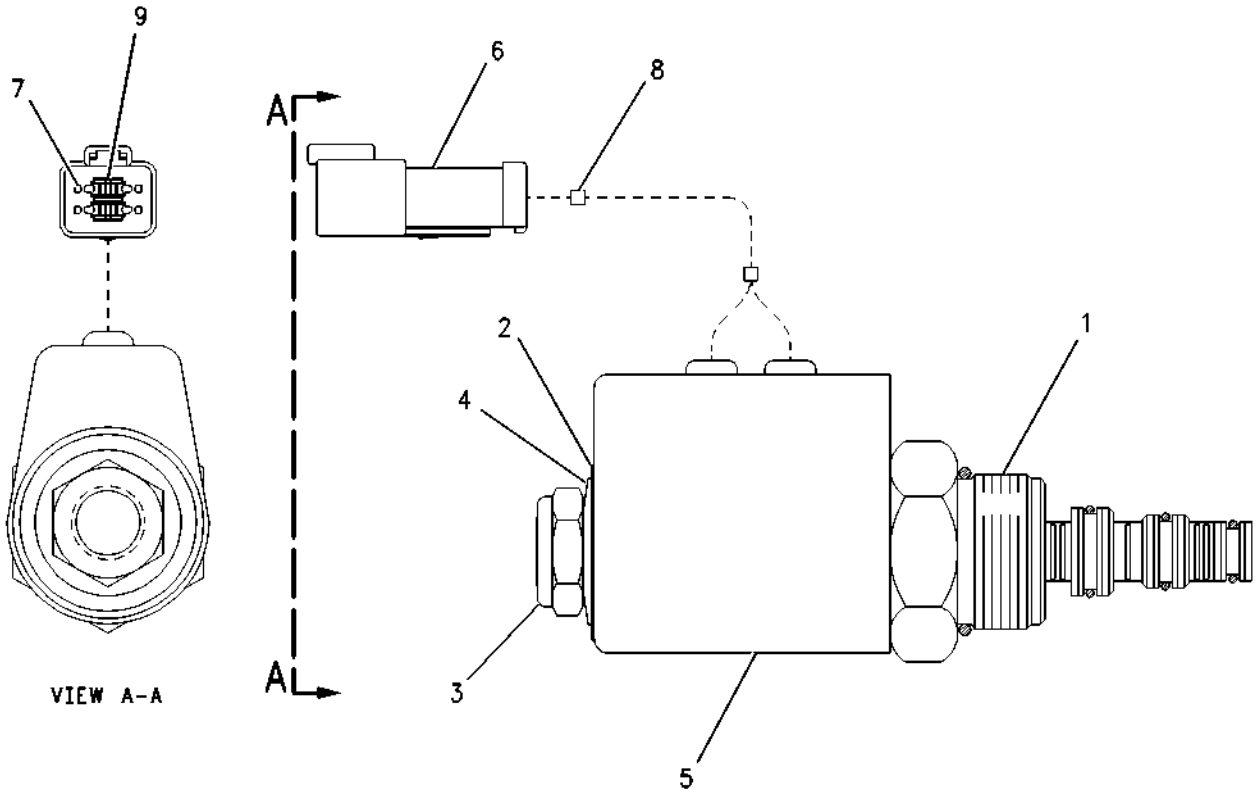
S/N: 7PZ1-UP

PART OF 106-7483, 188-6140 VALVE & MTG GP-CONTROL
AN ATTACHMENT

SMCS-5479

i01896778

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6T-3382	1	CARTRIDGE AS						
	2	1	160-5843	1	WASHER-IDENTIFICATION (16.8X38.1X.5MM THK)						
	3	1	157-2284	1	LOCKNUT-SPECIAL (5/8-18 THD)						
	4	1	160-5844	1	WASHER-SPRING (16.3X31.5X1.85MM THK)						
	5	1	3E-8581	1	COIL AS						
	6	1	102-8804	1	KIT-RECEPTACLE (4 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	7	1	8T-8729	4	PIN-CONNECTOR						
	8	1	1S-9593	2	STRAP-CABLE						
	9	1	3E-3377	1	WEDGE-RECEPTACLE LOCK						
					AVAILABLE REPAIR KIT(S) :						
					126-5948	1	KIT-SEAL (SOLENOID VALVE) (INCLUDES SEAL-O-RINGS & RING-BACKUPS)				



GRAPHIC #1

<END>

g00623320

HYDRAULIC SYSTEM

3E-9205 VALVE GP-SOLENOID-BULLDOZER TILT

S/N: 7PZ1-UP

24 VOLT

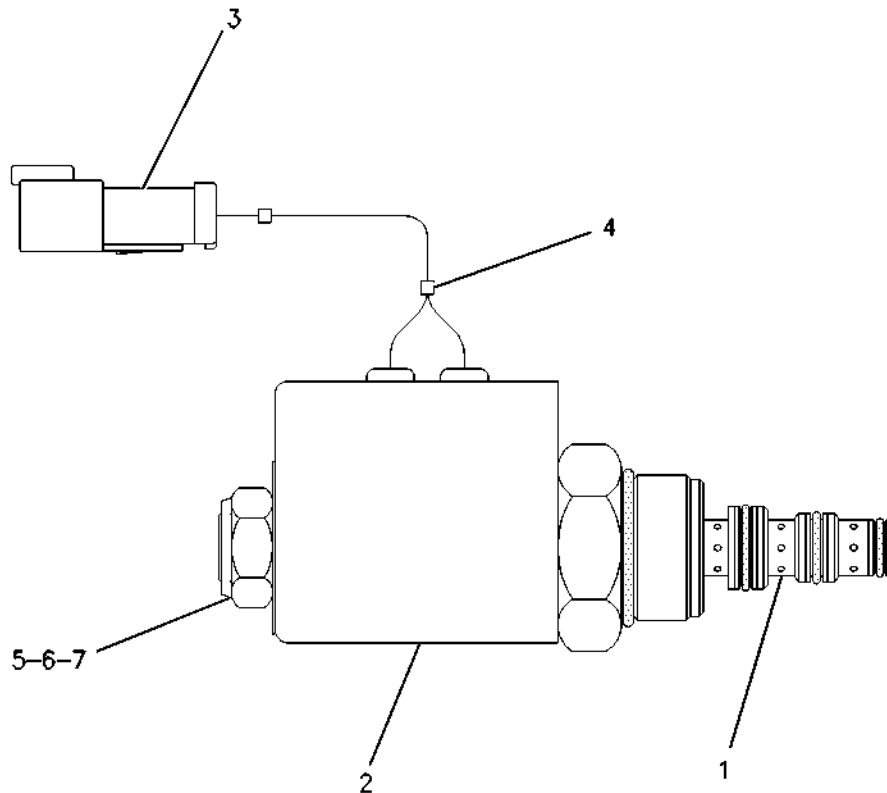
PART OF 151-0241 VALVE GP-TILT CONTROL

TYPE 1

SMCS-5479

i01989009

NOTE	REF	GRAPHIC			PART NAME	SEE
	NO	REF	PART NUMBER	QTY	1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6T-9244	1	CARTRIDGE AS	
	2	1	3E-8581	1	COIL AS	
	3	1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)	
		1	8T-8729	4	PIN-CONNECTOR	
4	1	1S-9593	2		STRAP-CABLE	
5	1	157-2284	1		LOCKNUT-SPECIAL (5/8-18 THD)	
6	1	160-5843	1		WASHER-IDENTIFICATION (16.8X38.1X.5MM THK)	
7	1	160-5844	1		WASHER-SPRING (16.3X31.5X1.85MM THK)	
					AVAILABLE REPAIR KIT(S) :	
			6T-3381	1	KIT-SEAL (SOLENOID VALVE)	
					(INCLUDES SEAL-O-RINGS & RING-BACKUPS)	



GRAPHIC #1

<END>

g00657410

HYDRAULIC SYSTEM

3E-9205 VALVE GP-SOLENOID-BULLDOZER TILT

S/N: 7PZ1-UP

24 VOLT

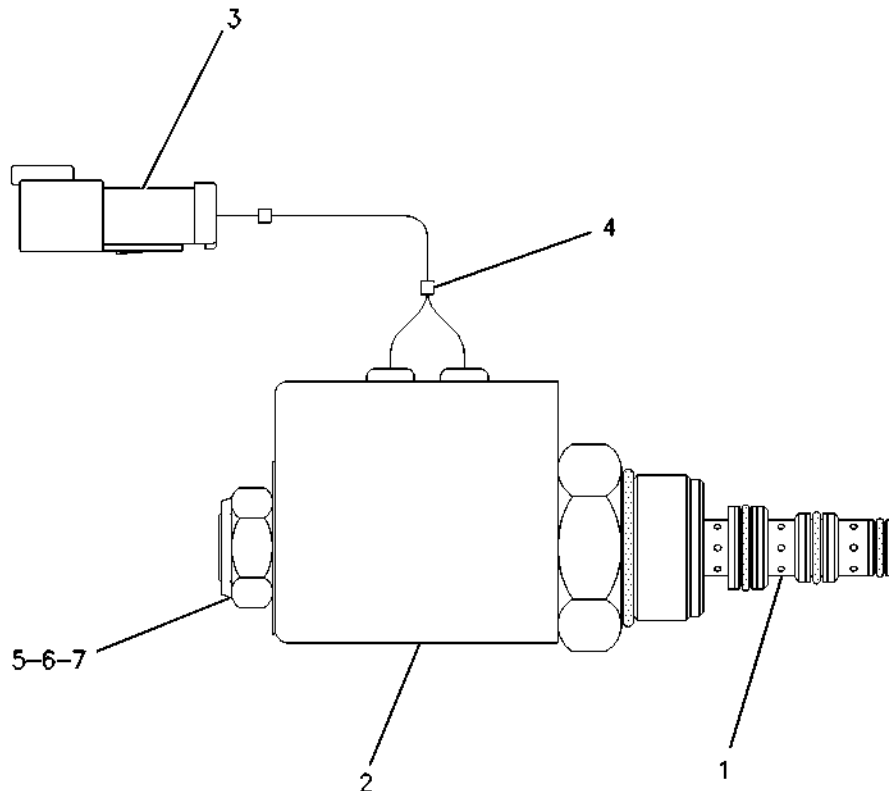
PART OF 151-0241, 225-2321 VALVE GP-TILT CONTROL

TYPE 2

SMCS-5479

i01862138

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6T-9244	1	CARTRIDGE AS						
	2	1	3E-8581	1	COIL AS						
	3	1	102-8804	1	KIT-RECEPTACLE (4 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3377	1	WEDGE-RECEPTACLE LOCK						
		1	186-3735	4	PIN-CONNECTOR						
	4	1	1S-9593	2	STRAP-CABLE						
	5	1	157-2284	1	LOCKNUT-SPECIAL (5/8-18 THD)						
	6	1	160-5843	1	WASHER-IDENTIFICATION (16.8X38.1X.5MM THK)						
	7	1	160-5844	1	WASHER-SPRING (16.3X31.5X1.85MM THK)						
					AVAILABLE REPAIR KIT(S) :						
			126-5948	1	KIT-SEAL (SOLENOID VALVE)						
					(INCLUDES SEAL-O-RINGS & RING-BACKUPS)						



GRAPHIC #1

<END>

g00657410

HYDRAULIC SYSTEM

124-3052 VALVE GP-SOLENOID-IMPLEMENT

S/N: 7PZ1-651

24 VOLTS DC

PART OF 135-9446, 145-6054 VALVE GP-PILOT

FIELD REPLACEMENT ORDER 1-179-4964 WIRE AS, 207-6809-PAGE 913, 174-4916-PAGE 910

ALSO AN ATTACHMENT

SMCS-5479

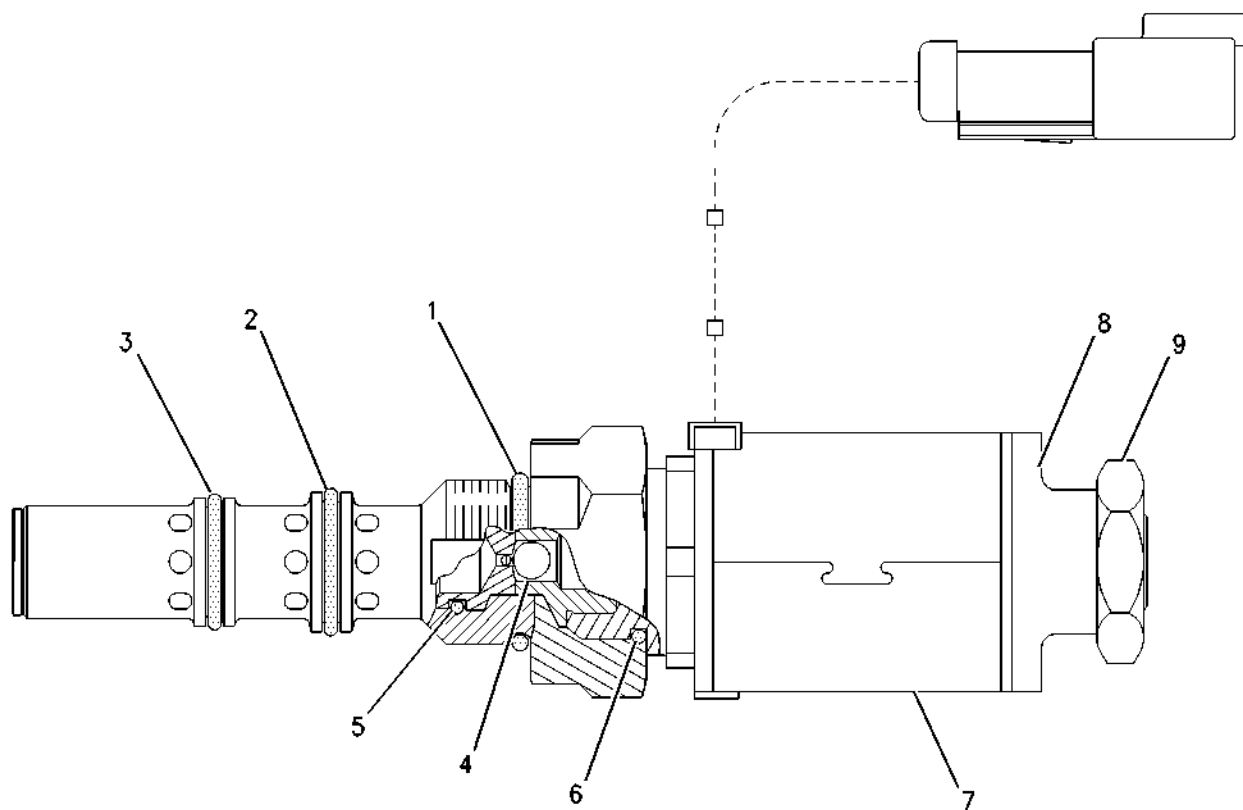
i01989011

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	6V-4589	1	SEAL-O-RING						
J	2	1	8L-2746	1	SEAL-O-RING						
J	3	1	033-6043	1	SEAL-O-RING						
	4	1	5P-7538	1	BALL						
	5	1	8L-2779	1	SEAL-O-RING						
	6	1	8L-2786	1	SEAL-O-RING						
	7	1	156-6173	1	COIL AS						
		1	1S-9593	2	STRAP-CABLE						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	8T-8729	2	PIN-CONNECTOR						
	8	1	122-4974	1	SPACER						
	9	1	176-0394	1	NUT-LOCKING (5/8-11 THD)						
					AVAILABLE REPAIR KIT(S) :						
J			108-2148	1	KIT-SEAL (SOLENOID VALVE)						
					(INCLUDES SEALS)						
J-KIT MARKED J INCLUDES PART(S) MARKED J											

HYDRAULIC SYSTEM

124-3052 VALVE GP-SOLEN0ID (contd.)

i01989011



GRAPHIC #1

<END>

g00735217

HYDRAULIC SYSTEM

136-9412 VALVE GP-SOLENOID-HYDRAULIC FAN

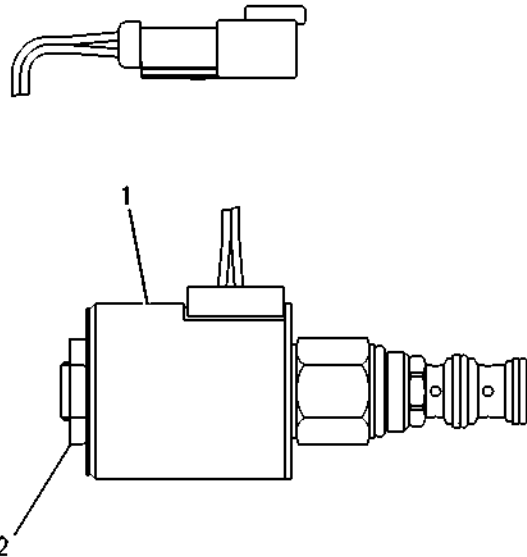
S/N: 7PZ1-499

PART OF 136-9411 VALVE & MTG GP-HYDRAULIC FAN

SMCS-5479

i01989036

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	127-0271	1	COIL AS	
		1	1S-9593	2	STRAP-CABLE	
J		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)	
		1	8T-8729	2	PIN-CONNECTOR	
J		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	8C-6711	1	NUT-RETAINER (1/2-20 THD)	
J-KIT MARKED J INCLUDES PART MARKED J						



GRAPHIC #1

<END>

g00464625

HYDRAULIC SYSTEM

149-2610 VALVE GP-SOLENOID-HYDRAULIC FAN BYPASS ON, OFF

S/N: 7PZ652-UP

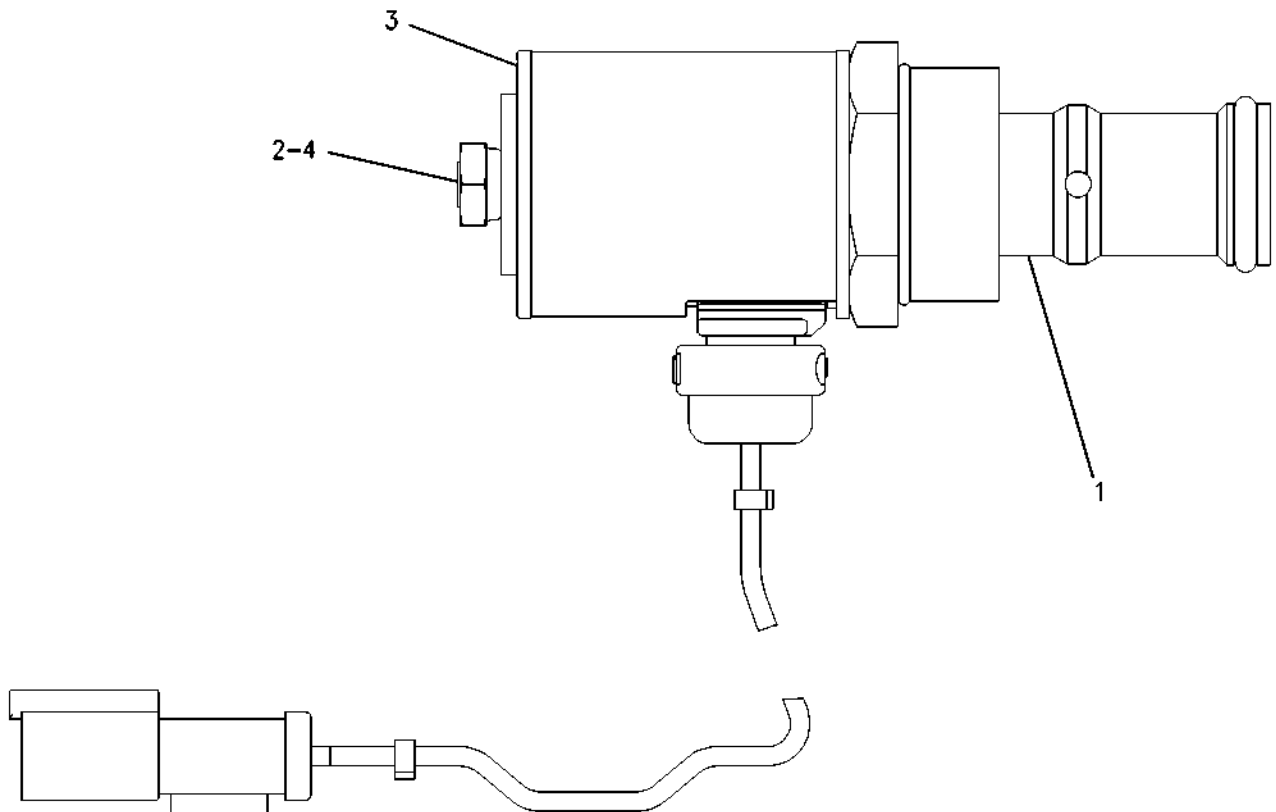
24 VOLT

PART OF 227-3002 LINES GP-HYDRAULIC FAN
AN ATTACHMENT

SMCS-5479

i01989037

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	149-2611	1	CARTRIDGE AS						
		1	8C-9987	1	WASHER (8.3X28X2.5MM THK)						
	2	1	111-0343	1	LOCKNUT (5/16-18 THD)						
	3	1	189-0189	1	COIL AS						
		1	1S-9593	2	STRAP-CABLE						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
		1	8T-8729	2	PIN-CONNECTOR						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
	4	1	8C-9987	1	WASHER (8.3X28X2.5MM THK)						
		1	111-0343	1	LOCKNUT (5/16-18 THD)						
					AVAILABLE REPAIR KIT(S) :						
			3G-8175	1	KIT-SEAL (SOLENOID VALVE)						
					(INCLUDES O-RINGS & BACK-UP RINGS)						



GRAPHIC #1

<END>

g00835681

HYDRAULIC SYSTEM

152-6761 VALVE GP-SOLENOID-IMPLEMENT LOCKOUT

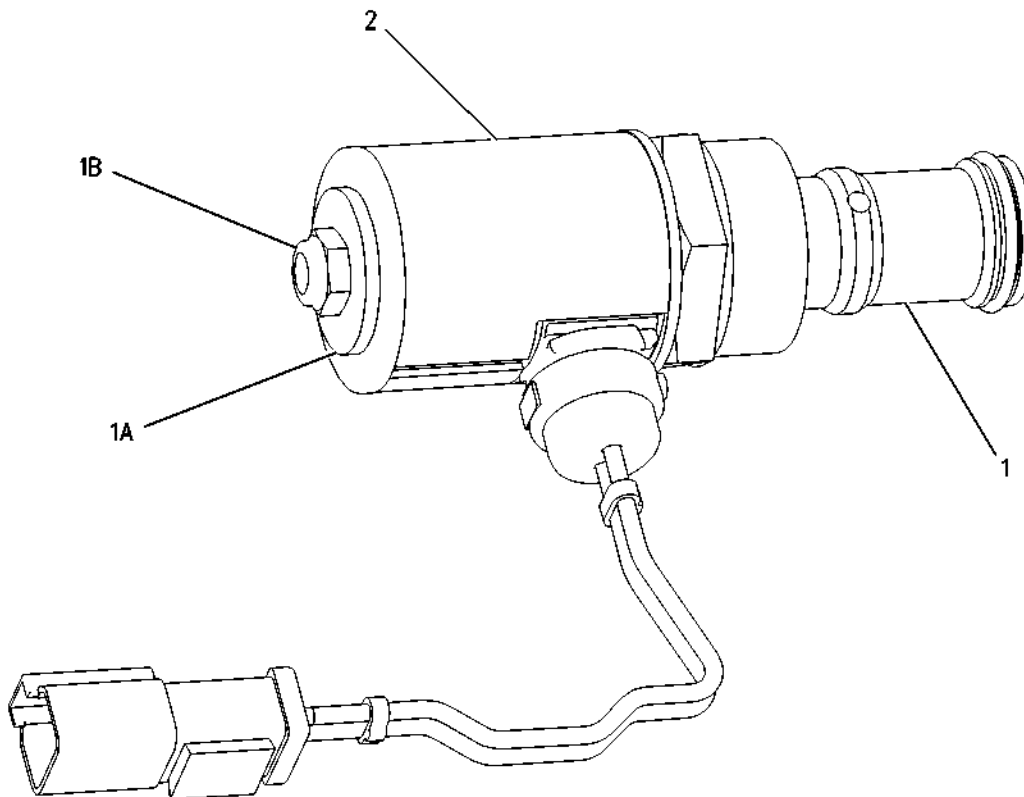
S/N: 7PZ1-UP

PART OF 135-9446, 145-6054 VALVE GP-PILOT
FIELD REPLACEMENT ORDER 203-4157-PAGE 912
ALSO AN ATTACHMENT AND FIELD INSTALLATION

SMCS-5479

i01989015

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	152-6760	1	CARTRIDGE AS						
	1A	1	8C-9987	1	WASHER (8.3X28X2.5MM THK)						
	1B	1	111-0343	1	LOCKNUT (5/16-18 THD)						
	2	1	189-0189	1	COIL AS						
		1	1S-9593	2	STRAP-CABLE						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (COIL AS)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	2	PIN-CONNECTOR						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
					AVAILABLE REPAIR KIT(S) :						
			3G-8175	1	KIT-SEAL (SOLENOID VALVE)						
					(INCLUDES O-RINGS & BACK-UP RING)						



GRAPHIC #1

<END>

g00832156

HYDRAULIC SYSTEM

152-8340 VALVE GP-SOLENOID-PRESSURE COMPENSATION OVERRIDE

S/N: 7PZ1-UP

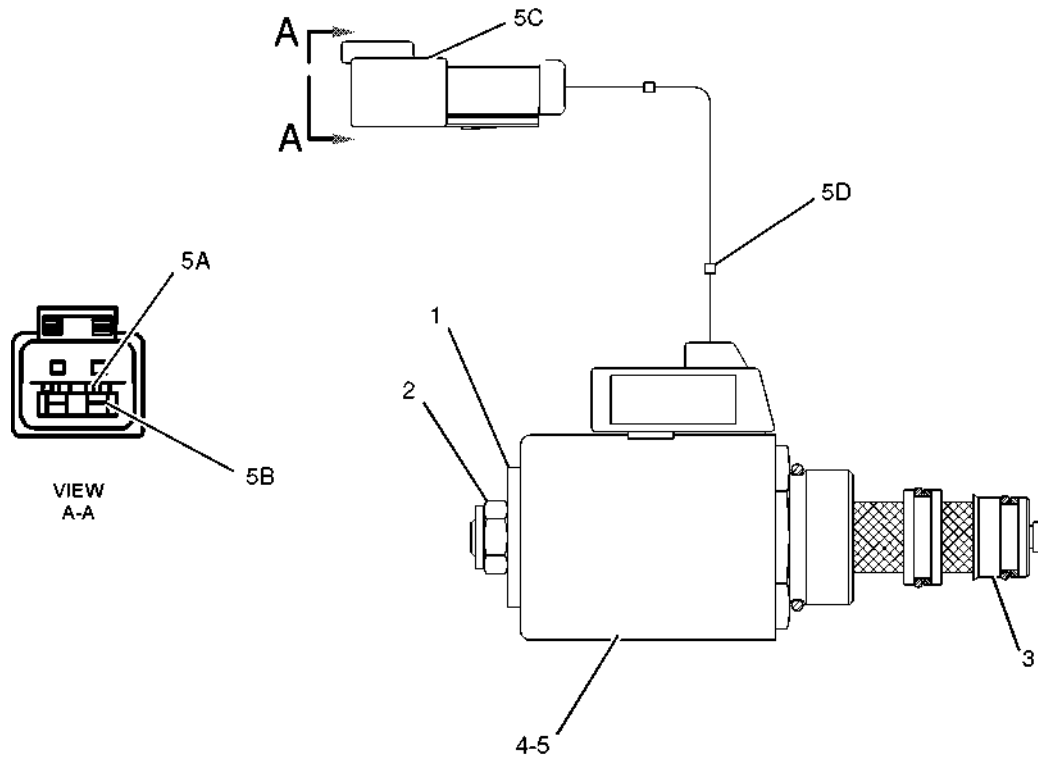
24 VOLT

PART OF 173-1553 LINES GP-PUMP

SMCS-5479

i01995401

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	8C-9987	1	WASHER (8.3X28X2.5MM THK)						
	2	1	111-0343	1	LOCKNUT (5/16-18 THD)						
	3	1	152-8338	1	CARTRIDGE AS						
					(INCLUDES WASHER, LOCKNUT, SEAL KIT)						
	4	1	189-0189	1	COIL AS						
					-OR-						
	5	1	227-4398	1	COIL AS						
					(EACH COIL ASSEMBLY INCLUDES)						
	5A	1	186-3735	2	PIN-CONNECTOR						
	5B	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
	5C	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
				(INCLUDES RECEPTACLE AS & WEDGE)							
	5D	1	1S-9593	2	STRAP-CABLE						
					AVAILABLE REPAIR KIT(S):						
J			197-7701	1	KIT-SEAL (CARTRIDGE ASSEMBLY)						
					(INCLUDES SEALS AND RINGS)						
J-KIT MARKED J SERVICES PART MARKED J											



g01033167

HYDRAULIC SYSTEM

174-4916 VALVE GP-SOLEN0ID-IMPLEMENT

S/N: 7PZ652-UP

PART OF 173-3204 VALVE GP-PILOT

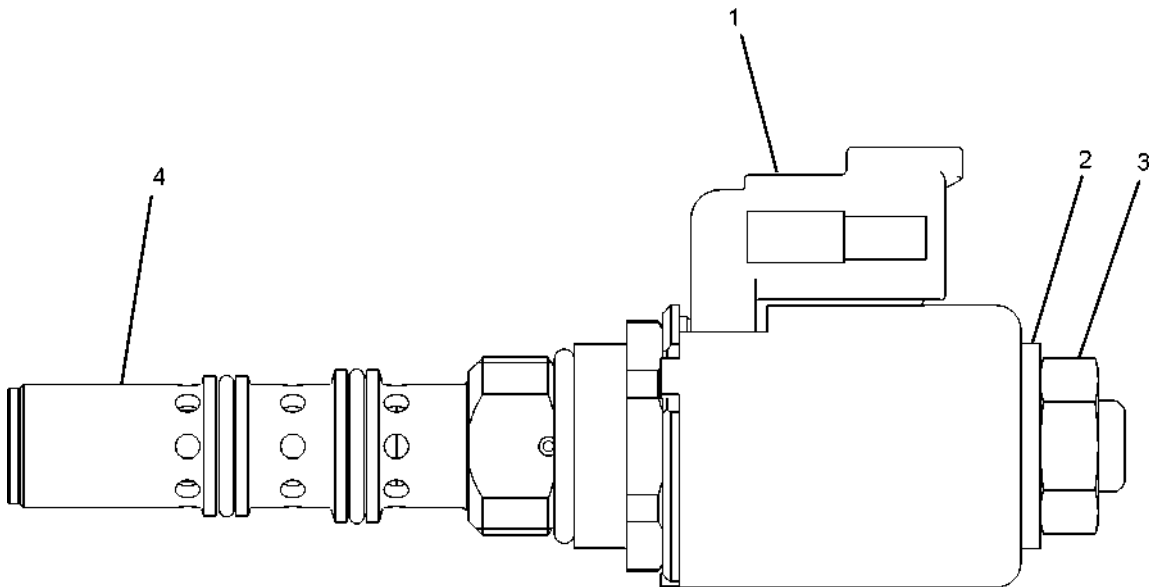
FIELD REPLACEMENT FOR 124-3052-PAGE 904

ALSO FIELD INSTALLATION

SMCS-5479

i01989023

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	145-1144	1	COIL AS						
	2	1	164-2108	1	WASHER (13.03X25.4X2.38MM THK)						
	3	1	218-2373	1	NUT (1/2-28)						
	4	1	174-4917	1	SPOOL AS-VALVE						
					AVAILABLE REPAIR KIT(S) :						
					108-2148	1	KIT-SEAL (SOLENOID VALVE)				
					(INCLUDES SEAL - O-RINGS)						



GRAPHIC #1

<END>

g01026141

HYDRAULIC SYSTEM

189-8627 VALVE GP-SOLENOID-FAN DEMAND VALVE

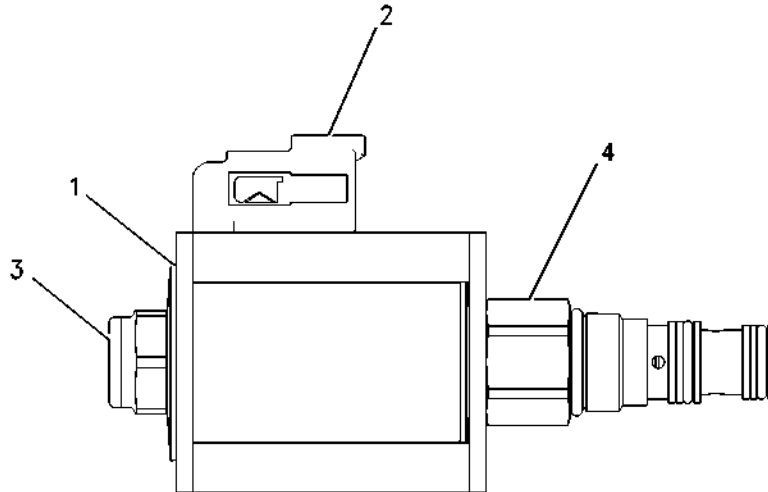
S/N: 7PZ500-UP

PART OF 189-8628 VALVE & MTG GP-HYDRAULIC FAN

SMCS-5479

i01614982

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	146-3728	1	WASHER-SPRING						
	2	1	148-2350	1	COIL AS						
	3	1	154-4133	1	CARTRIDGE AS						
	4	1	189-8624	1	ADAPTER AS						



GRAPHIC #1

<END>

g00849217

HYDRAULIC SYSTEM

203-4157 VALVE GP-SOLENOID-HYDRAULIC LOCKOUT

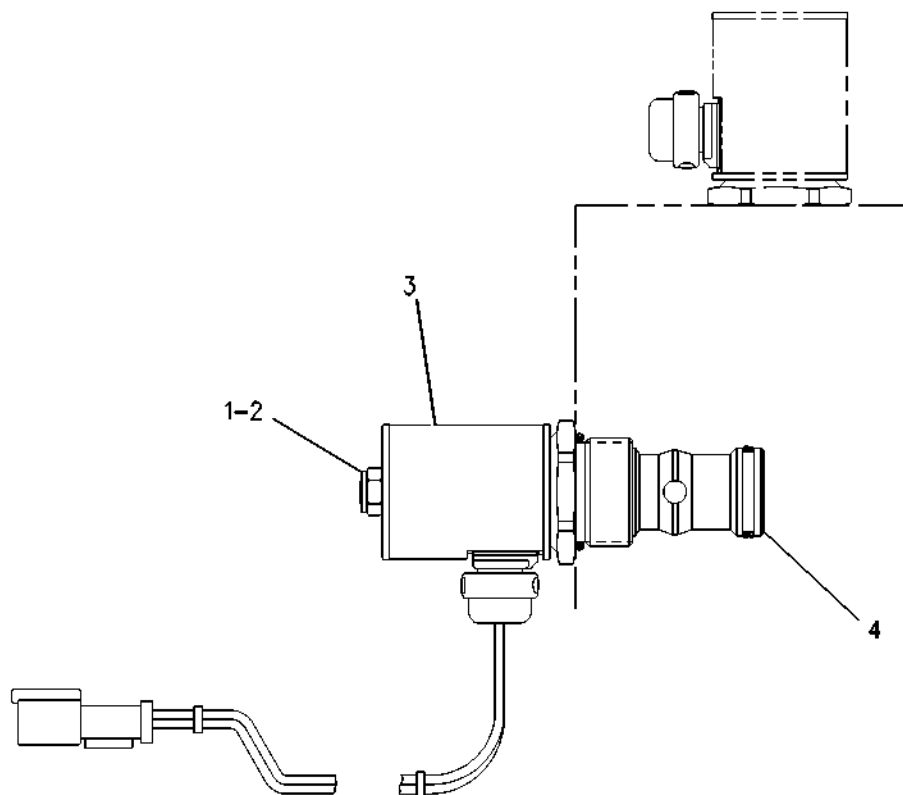
S/N: 7PZ603-UP

PART OF 135-9446, 173-3204 VALVE GP-PILOT
FIELD REPLACEMENT FOR 152-6761-PAGE 908

SMCS-5479

i01989020

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	111-0343	1	LOCKNUT (5/16-18 THD)						
	2	1	8C-9987	1	WASHER (8.3X28X2.5MM THK)						
	3	1	189-0189	1	COIL AS						
		1	1S-9593	2	STRAP-CABLE						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
		1	186-3735	2	PIN-CONNECTOR						
4		1	152-6760	1	CARTRIDGE AS						
		1	8C-9987	1	WASHER (8.3X28X2.5MM THK)						
		1	111-0343	1	LOCKNUT (5/16-18 THD)						
					AVAILABLE REPAIR KIT(S) :						
			3G-8175	1	KIT-SEAL (SOLENOID VALVE)						
					(INCLUDES SEAL-O-RINGS AND RING-BACKUP)						



GRAPHIC #1

<END>

g00805789

HYDRAULIC SYSTEM

207-6809 VALVE GP-SOLEN0ID-IMPLEMENT

S/N: 7PZ1-UP

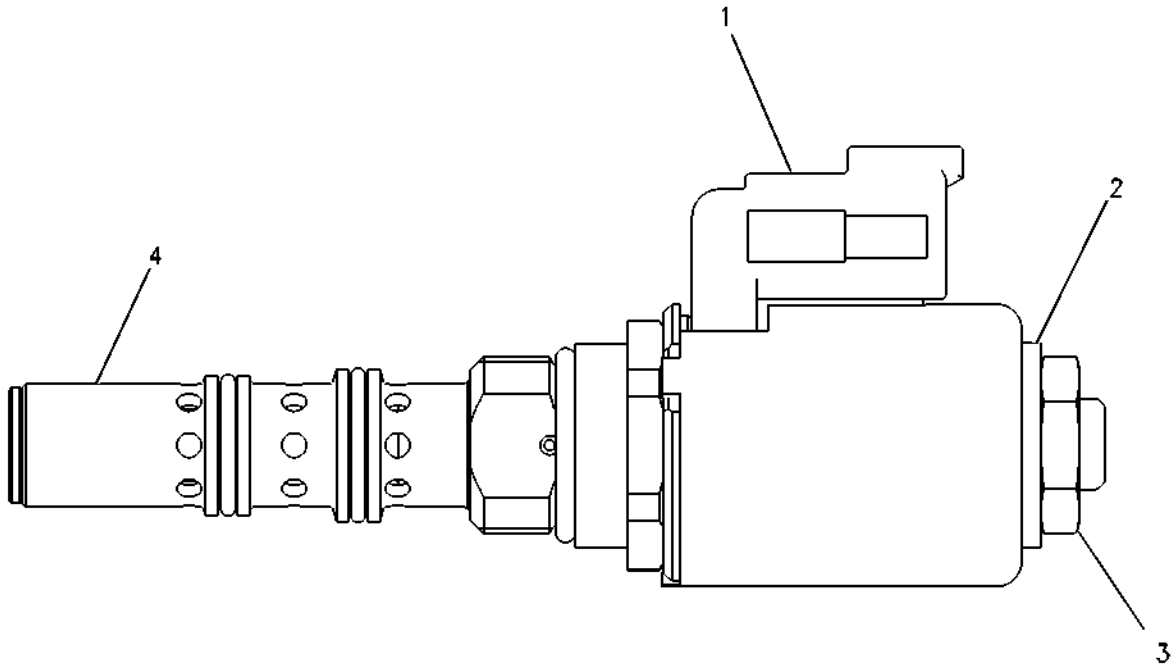
FIELD REPLACEMENT FOR 124-3052-PAGE 904

FIELD INSTALLATION

SMCS-5479

i01829003

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	145-1144	1	COIL AS						
	2	1	164-2108	1	WASHER (13.03X25.4X2.38MM THK)						
	3	1	218-2373	1	NUT (1/2-28)						
	4	1	207-6810	1	SPOOL AS-VALVE						
					AVAILABLE REPAIR KIT(S):						
			108-2148	1	KIT-SEAL						
					(INCLUDES SEAL-O-RINGS)						



GRAPHIC #1

<END>

g00931330

HYDRAULIC SYSTEM

151-0241 VALVE GP-TILT CONTROL

S/N: 7PZ1-675

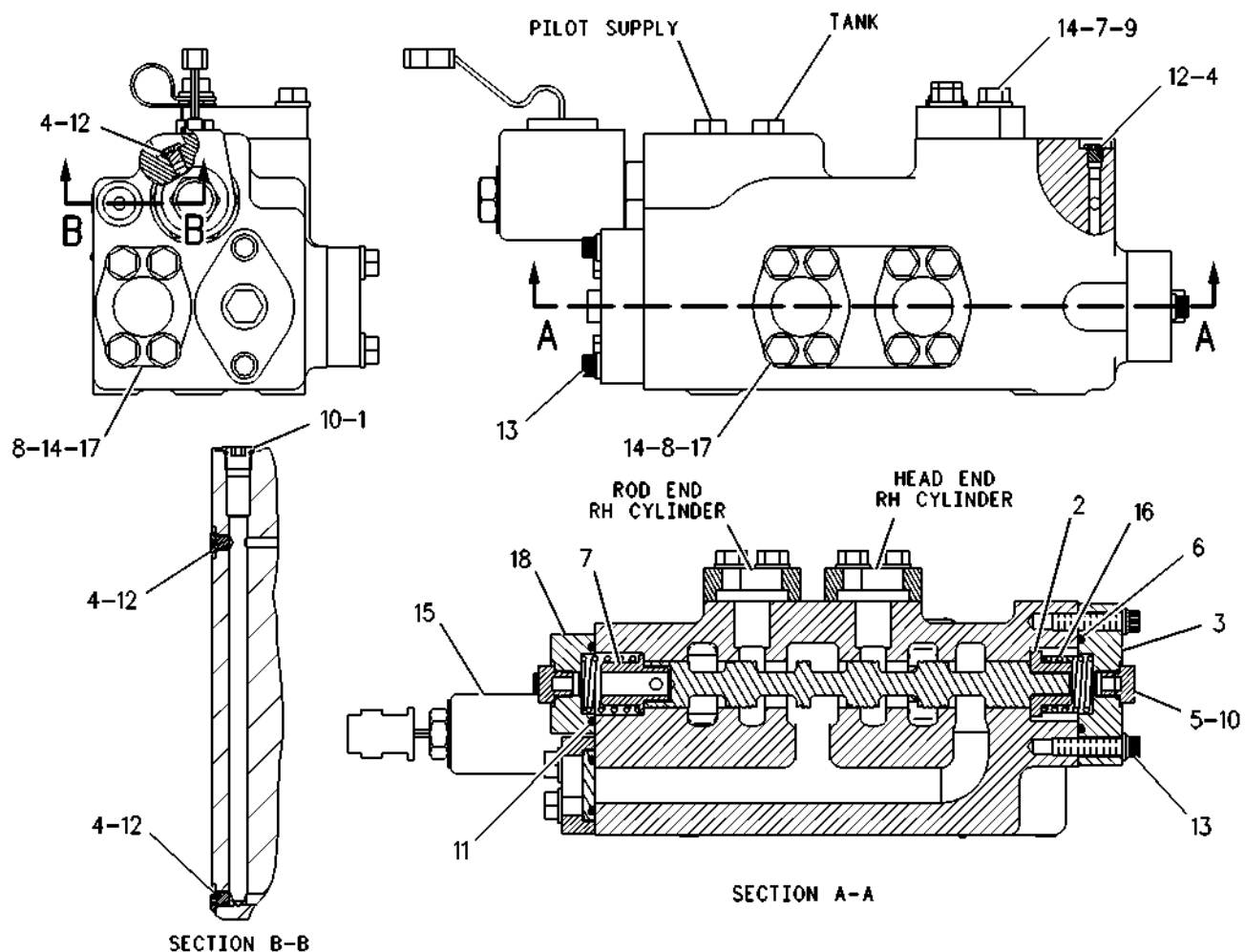
PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5051

i01988948

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9S-8004	1	PLUG						
	2	1	150-7683	1	RETAINER						
	3	1	150-7684	1	COVER						
	4	1	9S-8001	4	PLUG						
	5	1	9S-4191	2	PLUG						
	6	1	095-1609	1	SEAL-O-RING						
	7	1	9J-1722	1	RETAINER						
	8	1	1P-4576	6	FLANGE-HALF						
	9	1	1P-4577	2	FLANGE-HALF						
	10	1	3J-1907	3	SEAL-O-RING						
	11	1	4J-0522	1	SEAL-O-RING						
	12	1	4J-7533	4	SEAL-O-RING						
	13	1	5P-0076	4	BOLT-12 POINT HEAD (3/8-16X1.50 IN)						
	14	1	5S-7382	16	BOLT (3/8-16X1.375 IN)						
Y	15	1	3E-9205	1	VALVE GP-SOLENOID						902
	16	1	8J-8621	2	SPRING						
	17	1	8T-4896	16	WASHER-HARD (10.2X18.5X2.5MM THK)						
	18	1	9J-1716	1	COVER						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00445968

HYDRAULIC SYSTEM

225-2321 VALVE GP-TILT CONTROL

S/N: 7PZ676-UP

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5051

i01953074

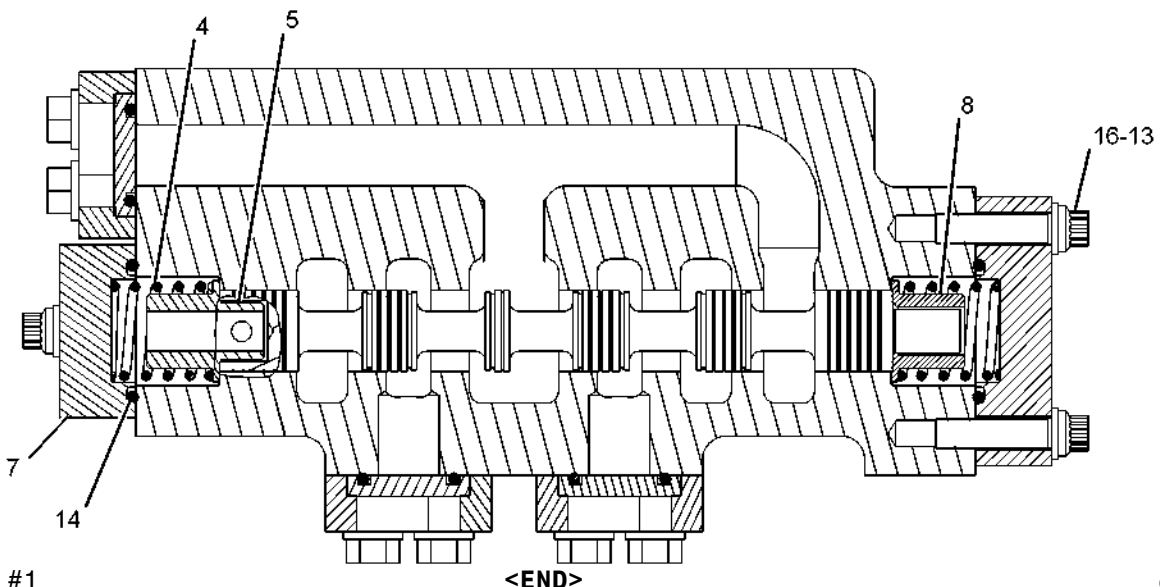
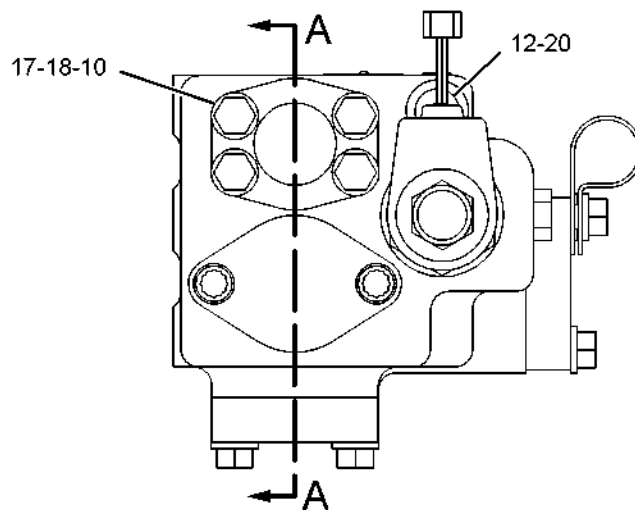
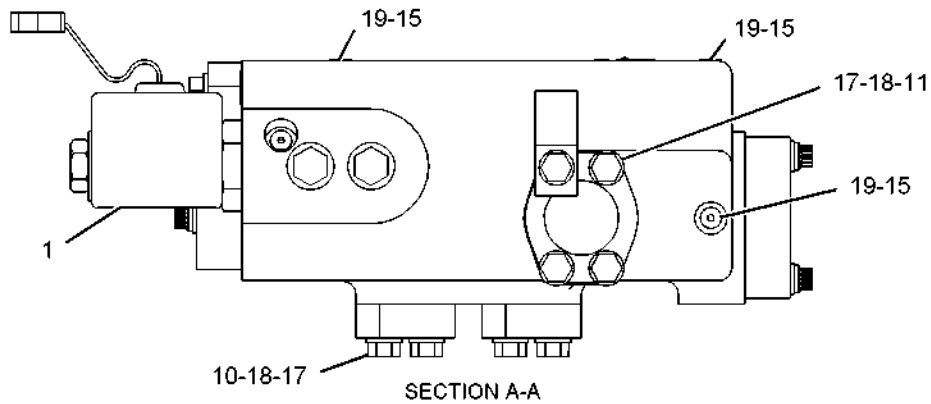
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	3E-9205	1	VALVE GP-SOLENOID	902
	4	1	8J-8621	2	SPRING	
	5	1	9J-1722	1	RETAINER	
	7	1	223-4443	2	COVER	
	8	1	223-4445	1	RETAINER	
	10	1	1P-4576	6	FLANGE-HALF	
	11	1	1P-4577	2	FLANGE-HALF	
	12	1	3J-1907	1	SEAL-O-RING	
	13	1	3V-2431	4	WASHER (10.2X16.0X2.0MM THK)	
	14	1	4J-0522	2	SEAL-O-RING	
	15	1	4J-7533	4	SEAL-O-RING	
	16	1	5P-0076	4	BOLT-12 POINT HEAD (3/8-16X1.50 IN)	
	17	1	5S-7382	16	BOLT (3/8-16X1.375 IN)	
	18	1	8T-4896	16	WASHER-HARD (10.2X18.5X2.5MM THK)	
	19	1	9S-8001	4	PLUG	
	20	1	9S-8004	1	PLUG	

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

225 - 2321 VALVE GP - TILT CONTROL (contd.)

i01953074



GRAPHIC #1

g01026217

IMPLEMENTS

149-4921 BEAM AS-RIPPER

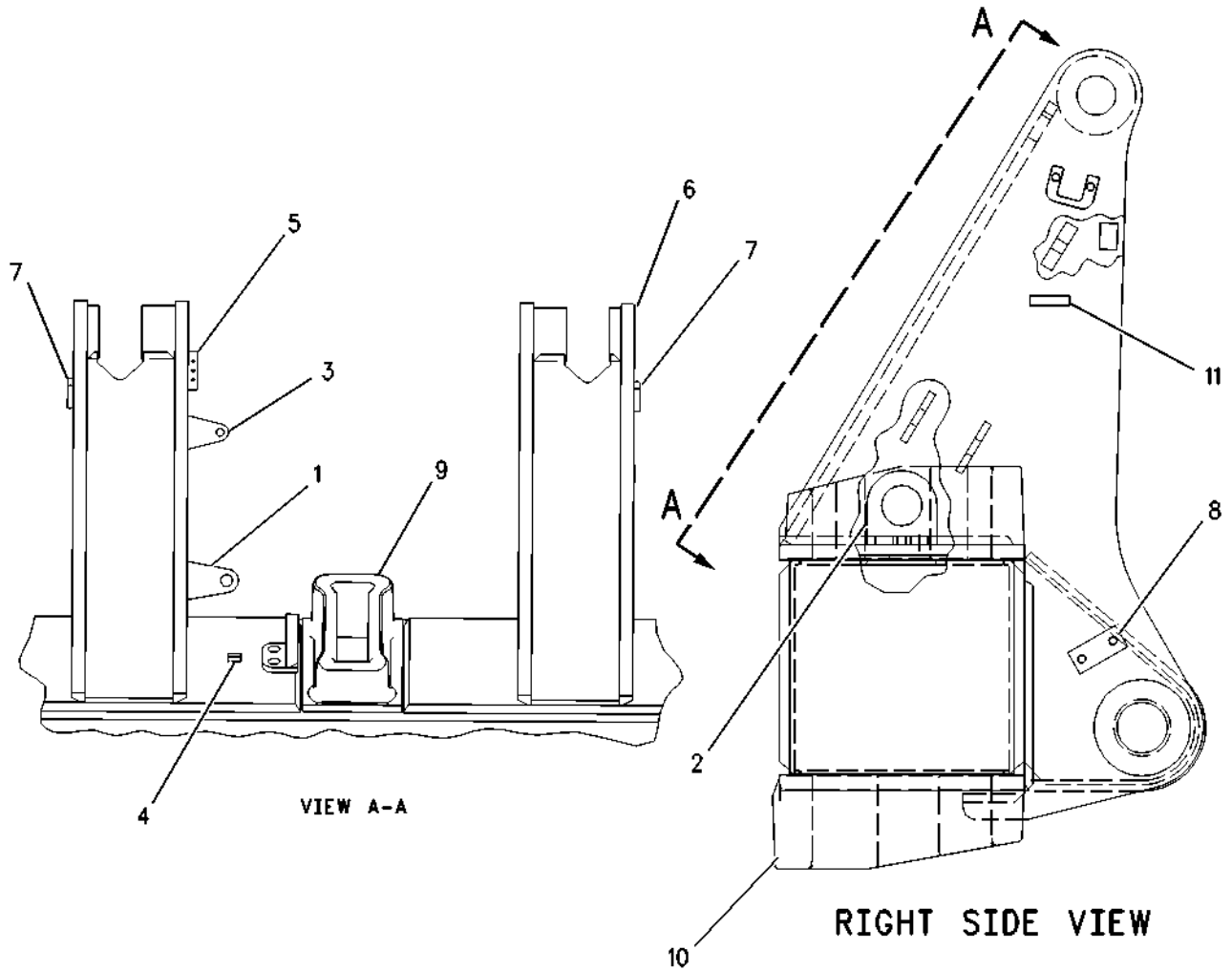
S/N: 7YP1-UP

PART OF 149-4920 RIPPER GP
AN ATTACHMENT

SMCS-5350

i01095576

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4Z-8840	2	BRACKET						
	2	1	4Z-8846	1	GUIDE AS						
	3	1	4Z-9220	1	BRACKET						
	4	1	5M-8627	1	BLOCK						
	5	1	9V-8427	1	BAR						
	6	1	130-6461	1	BEAM AS						
	7	1	2J-1227	2	RETAINER						
	8	1	3G-1877	2	RETAINER						
	9	1	3G-5340	3	BLOCK						
	10	1	3G-5341	3	BLOCK						
	11	1	8P-9770	1	PLATE						



GRAPHIC #1

<END>

g00575150

IMPLEMENTS

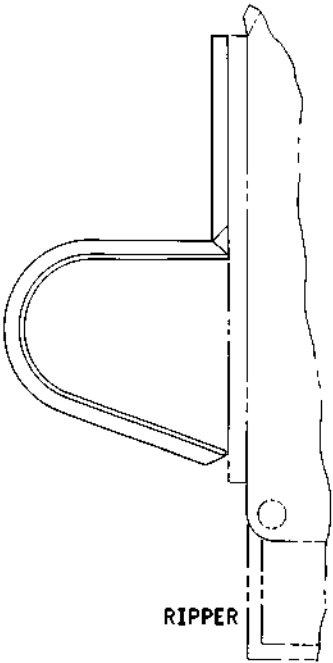
7T-9328 BLOCK GP-PUSH

S/N: 7PZ1-UP
 PART OF 130-5361 BLOCK GP-PUSH
 AN ATTACHMENT

SMCS-6062

i00587035

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
					(INDIVIDUAL PARTS ARE NOT SERVICED SEPARATELY)						



GRAPHIC #1

<END>

g00234472

IMPLEMENTS

130-5361 BLOCK GP - PUSH

S/N: 7PZ1-UP

AN ATTACHMENT

SMCS-6062

i01024782

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	7T-9328	1	BLOCK GP - PUSH						918
	130-5351	1	CARRIAGE AS						
	2J-1227	2	RETAINER						
	3J-6035	2	RETAINER						
	8P-9770	1	PLATE						
	9V-8427	2	BAR						

Y-SEPARATE ILLUSTRATION

<END>

IMPLEMENTS

4T-9716 BRACE GP-BULLDOZER

S/N: 7PZ1-UP

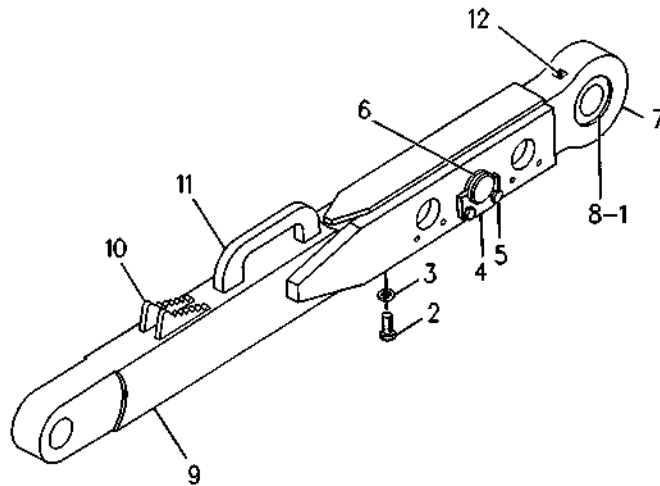
PART OF 119-4283 CYLINDER AR-TILT
AN ATTACHMENT

SMCS-6074

i01989010

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8J-8905	1	RING-LOCK						
	2	1	7X-0403	1	BOLT (1-8X2.25 IN)						
	3	1	9K-7340	1	SPACER						
	4	1	9J-2365	1	RETAINER						
	5	1	7X-0380	2	BOLT (7/8-9X1.75IN)						
	6	1	9J-2366	1	PIN						
	7	1	4T-9708	1	LINK						
C	8	1	6V-3249	1	BEARING						
	9	1	4T-9715	1	BRACE AS						
	10	1	1U-2532	2	BAR						
	11	1	1U-3658	1	HANDLE						
C	12	1	3B-8489	1	FITTING-GREASE						

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00258047

IMPLEMENTS

119-4267 BULLDOZER AR-SEMI-UNIVERSAL

S/N: 8RP1-UP
ABRASION APPLICATION
AN ATTACHMENT

SMCS-6050, 6078

i01290556

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	119-4275	1	BLADE GP-UNIVERSAL						959
Y	120-9016	1	LINES GP-LIFT CYLINDER						749
Y	119-4277	1	LINES GP-TILT CYLINDER						810
Y	7T-7575	1	MOUNTING GP-CYLINDER						825
Y	5P-4017	1	PLATE & FILM GP						1172
Y	119-4269	1	PUSH ARM GP-STABILIZER						942
Y	119-4297	1	TRUNNION GP-BULLDOZER						945
Y	9W-8580	1	CYLINDER & VALVE GP-BULLDOZER (LH)						669
Y	9W-8579	1	CYLINDER & VALVE GP-BULLDOZER (RH)						667

Y-SEPARATE ILLUSTRATION

<END>

119-4268 BULLDOZER AR-SEMI-UNIVERSAL

S/N: 8PP1-UP
ABRASION APPLICATION
AN ATTACHMENT

SMCS-6050, 6078

i01290559

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	119-4276	1	BLADE GP-SEMI-UNIVERSAL						957
Y	120-9016	1	LINES GP-LIFT CYLINDER						749
Y	119-4277	1	LINES GP-TILT CYLINDER						810
Y	7T-7575	1	MOUNTING GP-CYLINDER						825
Y	5P-4017	1	PLATE & FILM GP						1172
Y	119-4269	1	PUSH ARM GP-STABILIZER						942
Y	119-4297	1	TRUNNION GP-BULLDOZER						945
Y	9W-8580	1	CYLINDER & VALVE GP-BULLDOZER (LH)						669
Y	9W-8579	1	CYLINDER & VALVE GP-BULLDOZER (RH)						667

Y-SEPARATE ILLUSTRATION

<END>

IMPLEMENTS

119-4282 BULLDOZER AR-SEMI-UNIVERSAL

S/N: 8PP1-UP
ABRASION APPLICATION
AN ATTACHMENT

SMCS-6050, 6078

i01290774

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	119-4276	1	BLADE GP-SEMI-UNIVERSAL						957
Y	119-4277	1	LINES GP-TILT CYLINDER (DUAL)						810
Y	5P-4017	1	PLATE & FILM GP						1172
Y	119-4269	1	PUSH ARM GP-STABILIZER						942
Y	119-4297	1	TRUNNION GP-BULLDOZER						945
Y-SEPARATE ILLUSTRATION									

<END>

IMPLEMENTS

199-8241 BULLDOZER AR-SEMI-UNIVERSAL

S/N: 8PP1-UP
ABRASION APPLICATION
AN ATTACHMENT

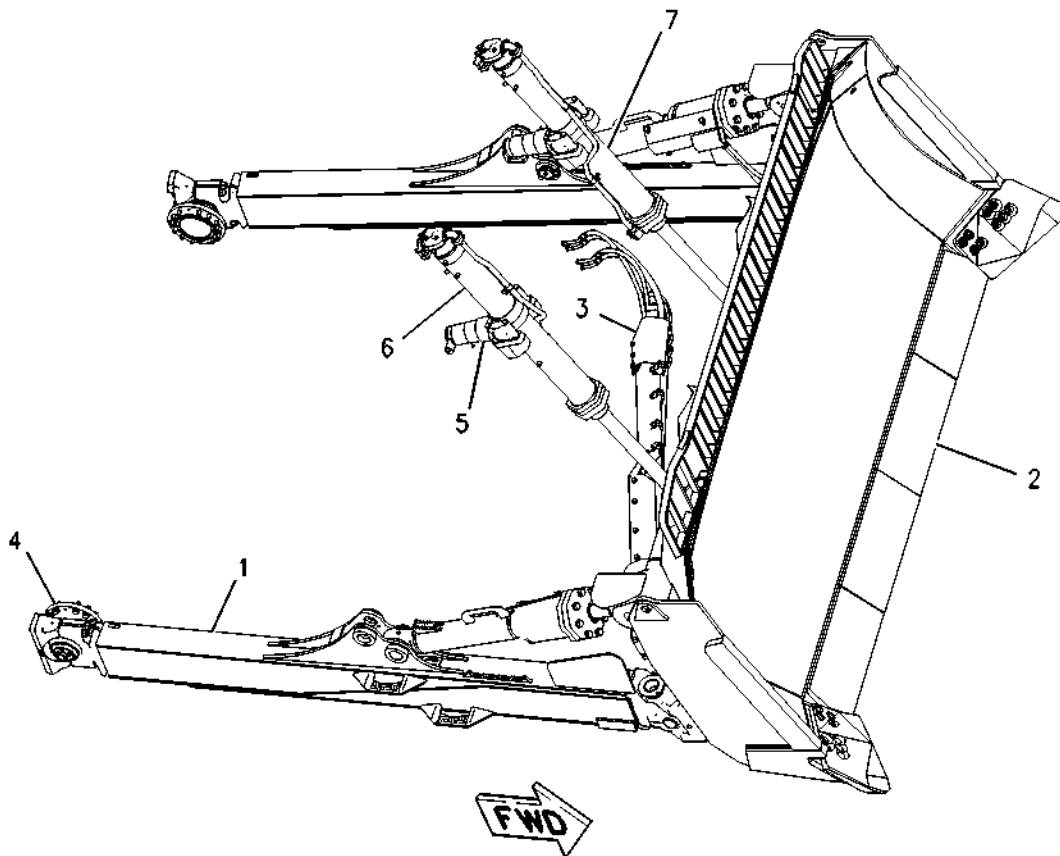
SMCS-6050, 6078

i01989021

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	119-4269	1	PUSH ARM GP-STABILIZER	942
Y	2	1	119-4276	1	BLADE GP-SEMI-UNIVERSAL	957
Y	3	1	119-4277	1	LINES GP-TILT CYLINDER	810
Y	4	1	119-4297	1	TRUNNION GP-BULLDOZER	945
Y	5	1	198-7341	1	MOUNTING GP-CYLINDER	826
Y	6	1	201-3215	1	CYLINDER & VALVE GP-LIFT (RH)	671
Y	7	1	201-3218	1	CYLINDER & VALVE GP-LIFT (LH)	673
FY		1	120-9016	1	LINES GP-LIFT CYLINDER	749
FY		1	5P-4017	1	PLATE & FILM GP	1172

F-NOT SHOWN

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00836915

IMPLEMENTS

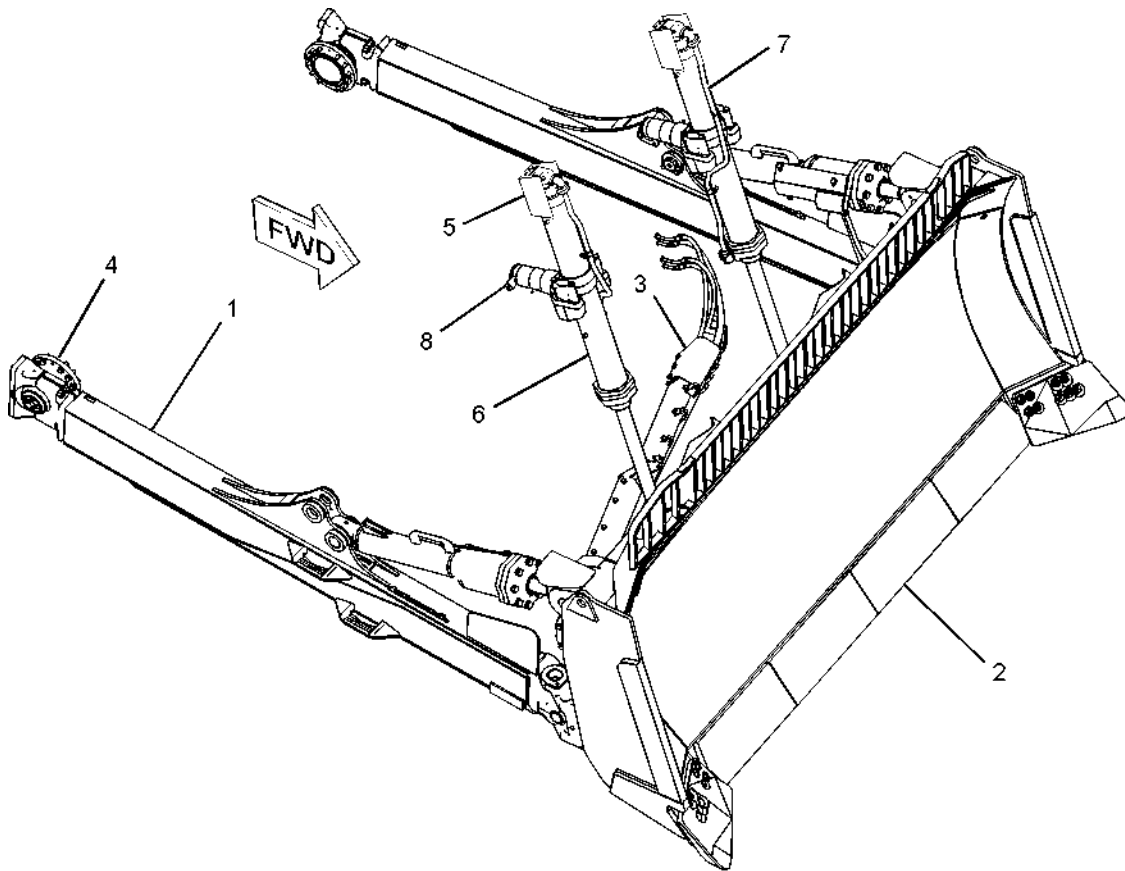
226-5919 BULLDOZER AR-SEMI-UNIVERSAL

S/N: 8PP1-UP
ABRASION APPLICATION
AN ATTACHMENT

SMCS-6050, 6078

i01967537

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	119-4269	1	PUSH ARM GP-STABILIZER						942
Y	2	1	119-4276	1	BLADE GP-SEMI-UNIVERSAL						957
Y	3	1	119-4277	1	LINES GP-TILT CYLINDER						810
Y	4	1	119-4297	1	TRUNNION GP-BULLDOZER						945
Y	5	1	120-9016	1	LINES GP-LIFT CYLINDER						749
Y	6	1	201-3215	1	CYLINDER & VALVE GP-LIFT (RH)						671
Y	7	1	201-3218	1	CYLINDER & VALVE GP-LIFT (LH)						673
Y	8	1	226-0311	1	MOUNTING GP-CYLINDER						827
FY		1	5P-4017	1	PLATE & FILM GP						1172
F-NOT SHOWN											
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01029941

IMPLEMENTS

119-4281 BULLDOZER AR-UNIVERSAL

S/N: 8RP1-UP
ABRASION APPLICATION
AN ATTACHMENT

SMCS-6050, 6053

i01290773

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	119-4275	1	BLADE GP-UNIVERSAL						959
Y	119-4277	1	LINES GP-TILT CYLINDER (DUAL)						810
Y	5P-4017	1	PLATE & FILM GP						1172
Y	119-4269	1	PUSH ARM GP-STABILIZER						942
Y	119-4297	1	TRUNNION GP-BULLDOZER						945
Y-SEPARATE ILLUSTRATION									

<END>

IMPLEMENTS

199-8240 BULLDOZER AR-UNIVERSAL

S/N: 8RP1-UP
ABRASION APPLICATION
AN ATTACHMENT

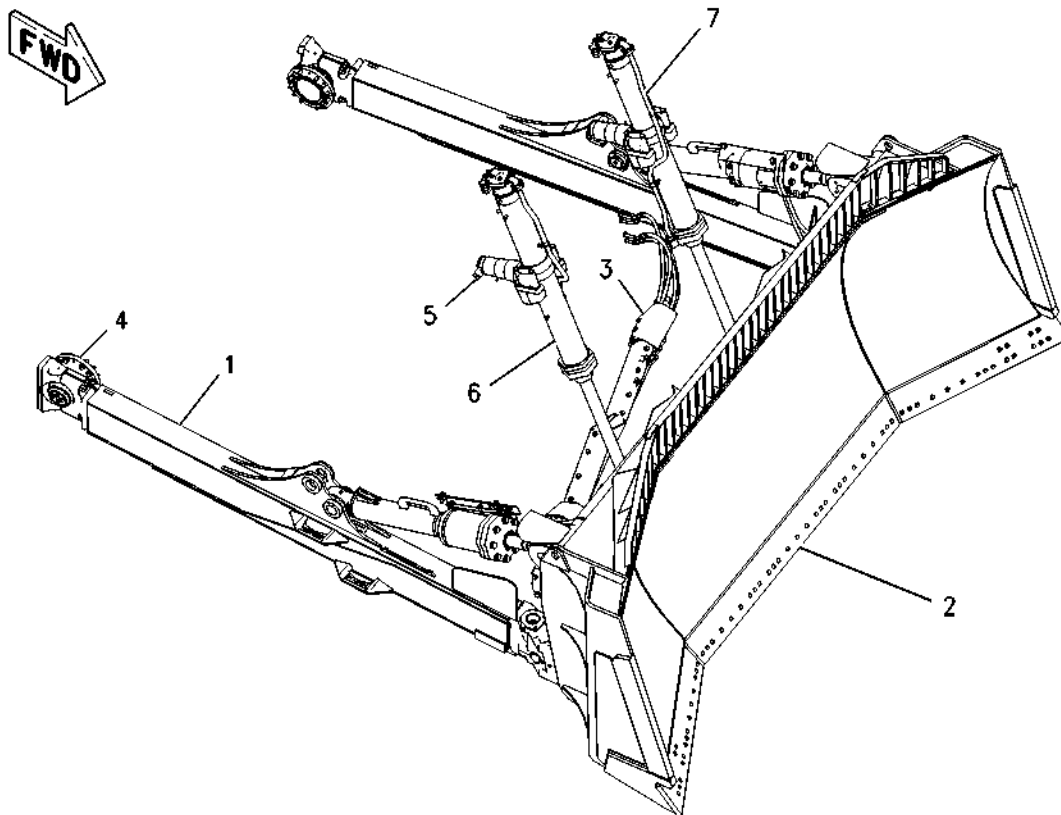
SMCS-6050, 6053

i01989022

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	119-4269	1	PUSH ARM GP-STABILIZER						942
Y	2	1	119-4275	1	BLADE GP-UNIVERSAL						959
Y	3	1	119-4277	1	LINES GP-TILT CYLINDER						810
Y	4	1	119-4297	1	TRUNNION GP-BULLDOZER						945
Y	5	1	198-7341	1	MOUNTING GP-CYLINDER						826
Y	6	1	201-3215	1	CYLINDER & VALVE GP-LIFT (RH)						671
Y	7	1	201-3218	1	CYLINDER & VALVE GP-LIFT (LH)						673
FY		1	120-9016	1	LINES GP-LIFT CYLINDER						749
FY		1	5P-4017	1	PLATE & FILM GP						1172

F-NOT SHOWN

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00808534

IMPLEMENTS

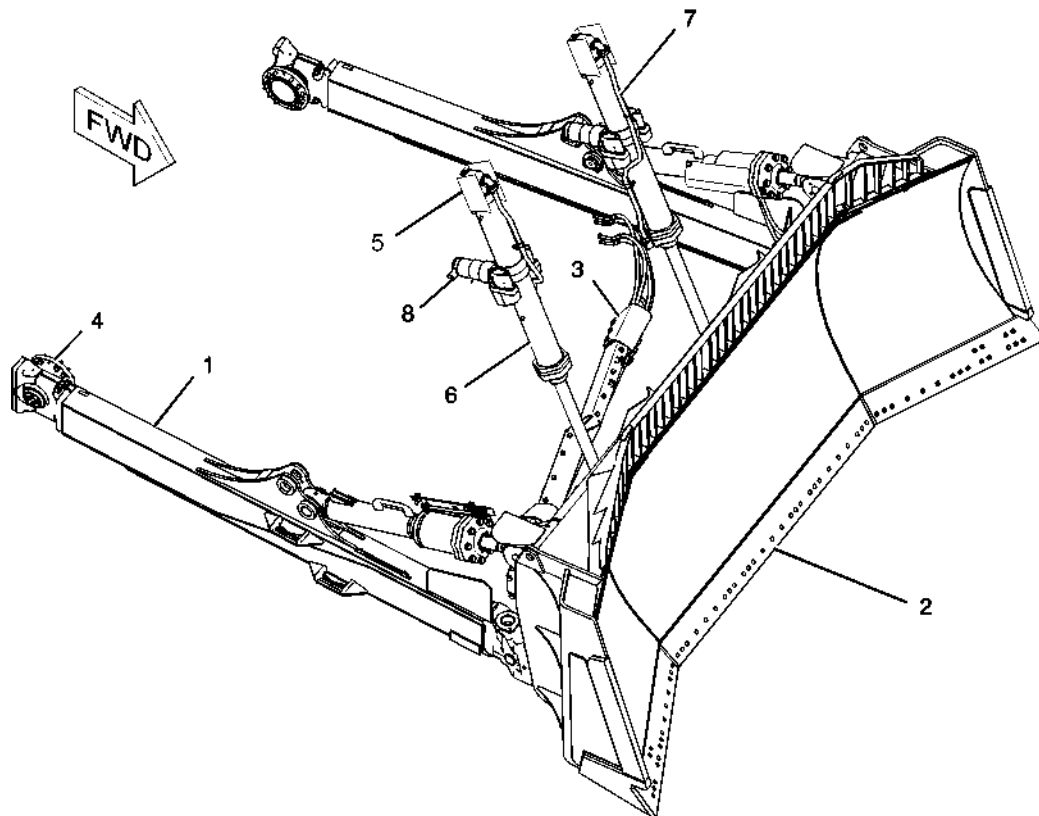
226-5918 BULLDOZER AR-UNIVERSAL

S/N: 8RP1-UP
ABRASION APPLICATION
AN ATTACHMENT

SMCS-6050, 6053

i01967528

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	119-4269	1	PUSH ARM GP-STABILIZER						942
Y	2	1	119-4275	1	BLADE GP-UNIVERSAL						959
Y	3	1	119-4277	1	LINES GP-TILT CYLINDER						810
Y	4	1	119-4297	1	TRUNNION GP-BULLDOZER						945
Y	5	1	120-9016	1	LINES GP-LIFT CYLINDER						749
Y	6	1	201-3215	1	CYLINDER & VALVE GP-LIFT (RH)						671
Y	7	1	201-3218	1	CYLINDER & VALVE GP-LIFT (LH)						673
Y	8	1	226-0311	1	MOUNTING GP-CYLINDER						827
FY		1	5P-4017	1	PLATE & FILM GP						1172
F-NOT SHOWN											
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01021980

IMPLEMENTS

154-1709 KIT-OVERPACK-BULLDOZER

S/N: 7PZ1-UP

PROVIDES ADDITIONAL ASSEMBLY PARTS FOR ANY D11 BULLDOZER
AN ATTACHMENT

SMCS-6050

i01989017

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	0L-1329	6	BOLT (1/2-13X3 IN)						
	0S-1585	6	BOLT (1/2-13X1.50 IN)						
	1A-1460	12	BOLT (1/2-13X2 IN)						
	1B-2886	6	BOLT (1/2-13X3.75 IN)						
	4L-6454	4	BOLT (3/8-16X1 IN)						
	5C-6565	6	BOLT (1/2-13X1.125 IN)						
	5M-3062	12	BOLT (3/8-16X0.75 IN)						
	5P-2228	12	BOLT (1/2-13X1 IN)						
	5P-8335	4	BOLT (1-1/4-12X15 IN)						
	5S-7379	9	BOLT (3/8-16X0.875 IN)						
	7X-0272	6	BOLT (7/16-14X.875 IN)						
	7X-0365	12	BOLT (3/4-10X1.5 IN)						
	7X-0380	6	BOLT (7/8-9X1.75IN)						
	7X-0381	12	BOLT (7/8-9X2 IN)						
	7X-0383	4	BOLT (7/8-9X2.75 IN)						
	7X-0394	6	BOLT (7/8-9X7 IN)						
	7X-0406	12	BOLT (1-8X3 IN)						
	7X-0418	6	BOLT (1-8X9.5 IN)						
	8T-2501	4	BOLT (3/8-16X2 IN)						
	8T-7008	6	BOLT (3/8-16X3 IN)						
	8T-8917	6	BOLT (1/2-13X1.25 IN)						
	8T-9398	6	BOLT (3/4-10X1.75 IN)						
	9B-7237	24	BOLT (3/8-16X1.25 IN)						
	9S-1366	4	BOLT (1/2-13X2.5 IN)						
	7X-0384	4	BOLT (7/8-9X3IN)						
	7D-4108	2	CLAMP						
	8J-3146	2	CLAMP						
	5H-2095	12	CLAMP-TUBE						
	4P-7428	10	CLIP						
	4T-3981	6	CLIP						
	7S-8920	4	CLIP (SLOT)						
	7S-8921	4	CLIP (TAB)						
	3B-8489	4	FITTING-GREASE						
	1P-4576	12	FLANGE-HALF						
	1P-4577	6	FLANGE-HALF						
	1P-5762	4	FLANGE-HALF						
	1P-5767	6	FLANGE-HALF						
	5P-8522	2	GROMMET						
	9W-4361	6	MOUNT						
	6V-8190	6	NUT (1-8 THD)						
	6V-8801	12	NUT (3/8-16 THD)						
	7H-7539	6	NUT-FULL (1-1/4-12 THD)						
	5J-5365	2	PIN						
	4T-0301	2	PLATE-CONNECTOR						
	6J-5986	4	RETAINER						
	9J-2365	6	RETAINER						
	130-3435	2	RETAINER						
	147-5968	2	RETAINER						
	4J-0519	4	SEAL-O-RING						
	4J-0520	6	SEAL-O-RING						
	4J-5267	12	SEAL-O-RING						
	1P-3704	9	SEAL-RECTANGULAR						
	1P-3705	4	SEAL-RECTANGULAR						
	1P-3707	2	SEAL-RECTANGULAR						
	3G-0053	15	SHIM (0.8MM THK)						

IMPLEMENTS

154-1709 KIT-OVERPACK (contd.)

i01989017

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	3G-9401	15	SHIM (0.8MM THK)						
	3G-5336	4	SPACER						
	9X-6772	9	STRAP-CABLE						
	068-6405	4	WASHER (26X63.5X6MM THK)						
	8T-5360	6	WASHER (12X22.5X2.5MM THK)						
	5P-8245	15	WASHER-HARD (13.5X25.5X3MM THK)						
	8T-4994	16	WASHER-HARD (20X36.5X3.5MM THK)						
	5P-1075	12	WASHER-HARD (10.2X22.5X3MM THK)						
	7X-0525	6	WASHER-HARD (24X41.5X6MM THK)						
	8C-6913	6	WASHER-HARD (24X41.5X4MM THK)						
	8T-4223	12	WASHER-HARD (13.5X25.5X3MM THK)						
	8T-4896	31	WASHER-HARD (10.2X18.5X2.5MM THK)						
<END>									

IMPLEMENTS

154-1710 KIT-OVERPACK-RIPPER

S/N: 7PZ1-UP

PROVIDES ADDITIONAL ASSEMBLY PARTS FOR ANY D11 RIPPER
AN ATTACHMENT

SMCS-6050

i01499266

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	4L-9337	6	BOLT (3/8-16X1.5 IN)						
	7X-0293	3	BOLT (3/8-16X4.75 IN)						
	7X-0345	6	BOLT (5/8-11X1.75 IN)						
	7X-0365	12	BOLT (3/4-10X1.5 IN)						
	7X-0388	2	BOLT (7/8-9X4.50IN)						
	7X-0406	9	BOLT (1-8X3 IN)						
	8T-8917	2	BOLT (1/2-13X1.25 IN)						
	8T-8919	6	BOLT (1/2-13X1.75 IN)						
	9B-7237	6	BOLT (3/8-16X1.25 IN)						
	6K-0138	4	BOLT-LOCKING (5/8-11X1.25 IN)						
	9M-0164	6	CLAMP-HOSE						
	3G-8054	3	CLIP (TAB)						
	3G-8057	3	CLIP (SLOT)						
	4P-7581	1	CLIP						
	5P-7468	2	CLIP (SLOT)						
	5P-7469	2	CLIP (TAB)						
	8T-5050	1	CONNECTOR						
	6V-8639	2	CONNECTOR						
	6V-9873	1	CONNECTOR-SEAL						
	3G-8047	3	GROMMET						
	5P-8444	2	GROMMET (37X56X62MM THK)						
	151-5203	4	GROMMET (38.1X51.5X25MM THK)						
	130-6366	2	LINK						
	6K-0545	2	LOCKNUT						
	9W-4361	4	MOUNT						
	6V-8801	6	NUT (3/8-16 THD)						
	7T-4501	1	PIN						
	7T-4502	1	PIN						
	8E-8914	2	PIN						
	125-9215	1	PIN						
	7T-7305	8	PLATE						
	6K-3630	1	RING						
	7J-4169	2	RING-SNAP						
	5P-2672	6	SEAL-LIP						
	7K-9211	12	SEAL-LIP						
	3J-1907	2	SEAL-O-RING						
	3K-0360	2	SEAL-O-RING						
	4J-0520	12	SEAL-O-RING						
	6V-8398	4	SEAL-O-RING						
	147-6626	6	SHIELD						
	139-2456	2	SHIELD-LH						
	139-2455	2	SHIELD-RH						
	8W-9506	2	SPACER (90.5X140X3MM THK)						
	9U-8404	6	SPACER (89.4X180X35MM THK)						
	9W-5556	12	SPACER (120X250X3MM THK)						
	9X-6772	2	STRAP-CABLE						
	7X-0515	8	WASHER-HARD (17X35X5MM THK)						
	8T-4167	2	WASHER-HARD (26X44X4MM THK)						
	8T-5361	9	WASHER-HARD (28X49X5MM THK)						
	5P-1075	12	WASHER-HARD (10.2X22.5X3MM THK)						
	7X-0537	1	WASHER-HARD (40.5X67X6MM THK)						
	8T-4223	6	WASHER-HARD (13.5X25.5X3MM THK)						
			<END>						

IMPLEMENTS

160-0982 LINES GP-GREASE-RIPPER

S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP; 7ZP1-UP

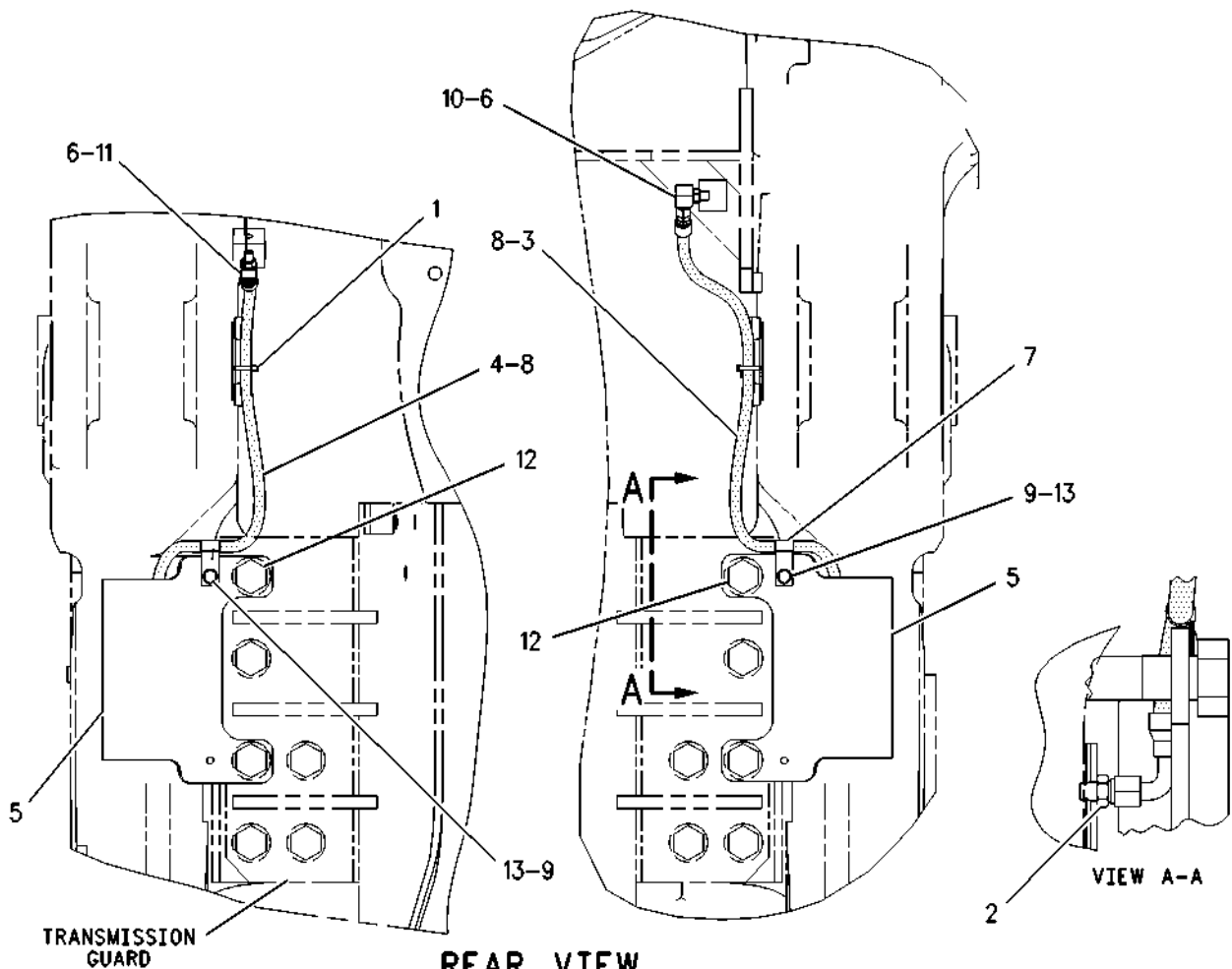
PART OF 127-1031, 130-6458, 130-6462, 161-2420 RIPPER AR
AN ATTACHMENT

SMCS-7510

i01989018

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	2	STRAP-CABLE						
	2	1	8C-6865	2	CONNECTOR						
I	3	1	160-4188	1	HOSE AS						
I	4	1	160-4189	1	HOSE AS						
	5	1	170-4760	2	PLATE						
	6	1	3J-7354	2	SEAL-O-RING						
	7	1	4D-9517	2	CLIP						
	8	1	4J-5477	4	SEAL-O-RING						
	9	1	5M-3062	2	BOLT (3/8-16X0.75 IN)						
	10	1	6V-8628	1	ELBOW						
	11	1	6V-9000	2	ELBOW						
	12	1	7X-0408	4	BOLT (1-8X3.5 IN)						
	13	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM



GRAPHIC #1

<END>

g00575428

IMPLEMENTS

119-4272 LINK GP-STABILIZER

S/N: 8PP1-UP; 8RP1-UP

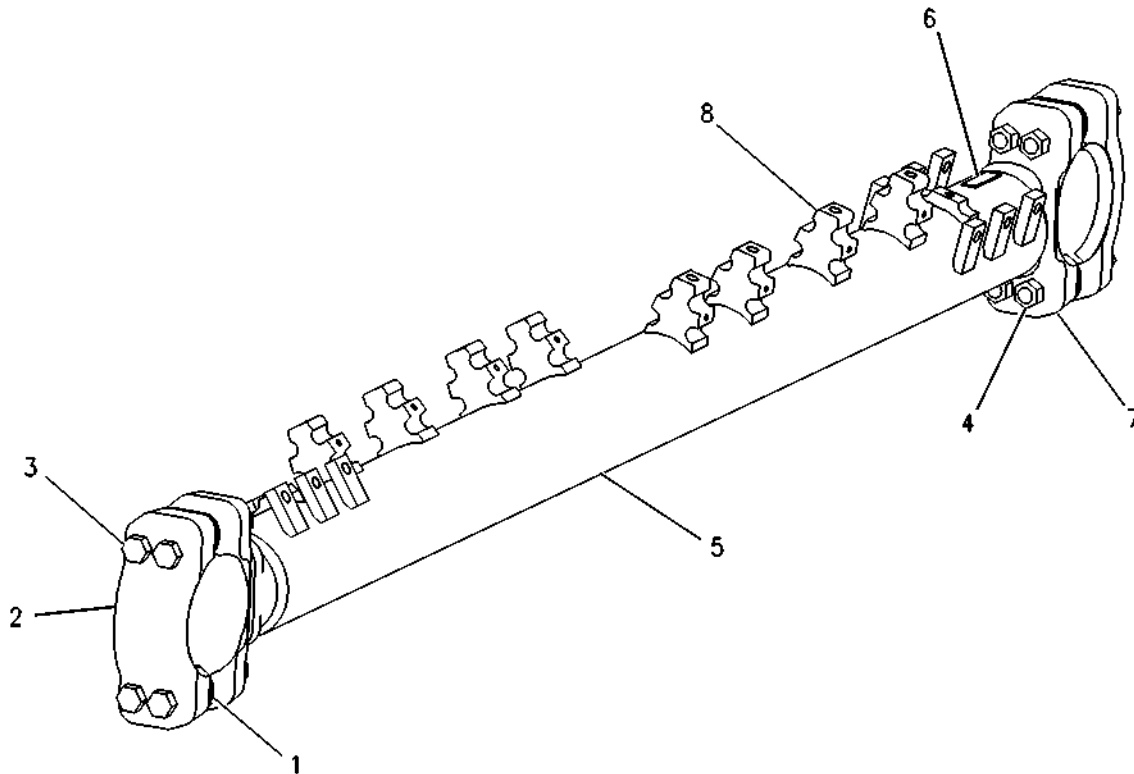
PART OF 119-4269 PUSH ARM GP-STABILIZER
AN ATTACHMENT

SMCS-6071, 7203

i01024714

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	3G-9401	52	SHIM (.8MM THK)						
	2	1	7T-4971	2	CAP-BEARING						
	3	1	7X-0418	8	BOLT (1-8X9.5IN)						
	4	1	6V-8190	1	NUT (1-8 THD)						
	5	1	8E-9679	1	LINK AS						
	6	1	8P-9770	2	PLATE						
	7	1	9J-2587	2	BEARING AS						
					(EACH INCLUDES)						
		1	4T-5255	1	CAP-BEARING						
8	1	113-7433	8	PLATE							

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00272441

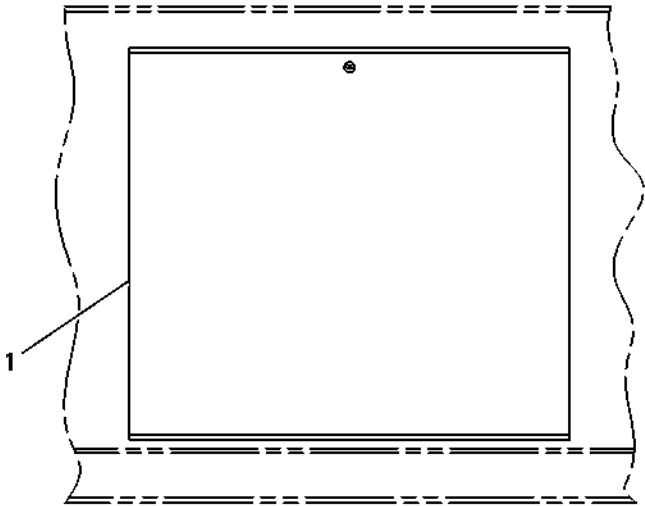
IMPLEMENTS

136-3980 PLATE GP - PUSH-BLADE
S/N: 7PZ1-UP
PART OF 136-2756 BLADE AS-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-6077

i00755144

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4T-5308	1	PLATE - PUSH						



FRONT VIEW

GRAPHIC #1

<END>

g00272550

IMPLEMENTS

130-5356 PULLER AR-PIN-RIPPER

S/N: 7PZ1-UP
AN ATTACHMENT

SMCS-5353, 5354

i00947043

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	6E-3113	1	CYLINDER GP-RIPPER PIN PULLER						710
Y	141-8657	1	LINES GP-PIN PULLER CYLINDER						760
Y	130-5357	1	PULLER GP-PIN						936
Y-SEPARATE ILLUSTRATION									

<END>

163-0813 PULLER AR-PIN-RIPPER

S/N: 7ZP1-UP
MULTI-SHANK LEACH PAD RIPPER
PART OF 161-2420 RIPPER AR
AN ATTACHMENT

SMCS-5353, 5354

i01000649

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	163-0814	1	LINES GP - PIN PULLER CYLINDER						762
Y	150-5414	1	PULLER GP - PIN						937
Y-SEPARATE ILLUSTRATION									

<END>

IMPLEMENTS

4Z-8842 PULLER GP-PIN-RIPPER

S/N: 7YP1-UP

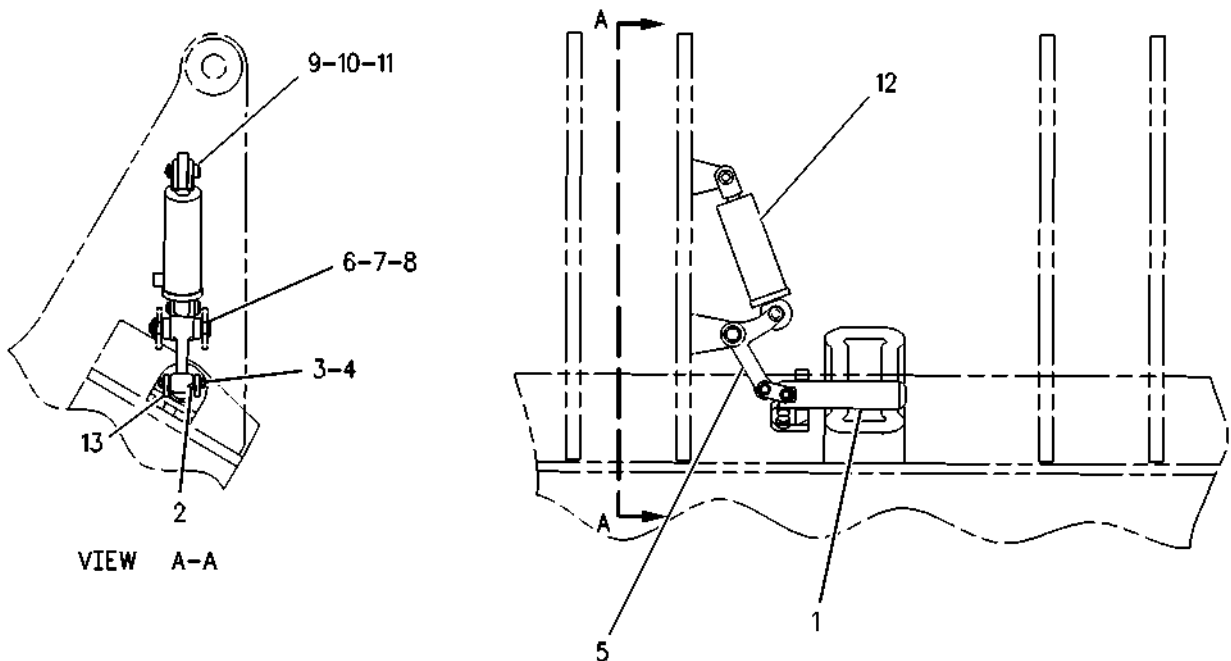
PART OF 149-4919 RIPPER AR
AN ATTACHMENT

SMCS-5353, 5354

i01564852

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4Z-8843	1	PIN						
	2	1	8E-8914	2	PIN						
	3	1	6K-0138	4	BOLT-LOCKING (5/8-11X1.25 IN)						
	4	1	7X-0515	4	WASHER-HARD (17X35X5MM THK)						
	5	1	4Z-9219	1	LEVER						
	6	1	7T-4502	1	PIN						
	7	1	7X-0537	1	WASHER-HARD (40.5X67X6MM THK)						
	8	1	6K-3630	1	RING						
	9	1	7T-4501	2	PIN						
	10	1	8T-4167	2	WASHER-HARD (26X44X4MM THK)						
	11	1	7J-4169	2	RING-SNAP						
Y	12	1	6E-3113	1	CYLINDER GP-RIPPER PIN PULLER						710
	13	1	9J-4523	2	LINK						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00284114

IMPLEMENTS

130-5357 PULLER GP-PIN-RIPPER

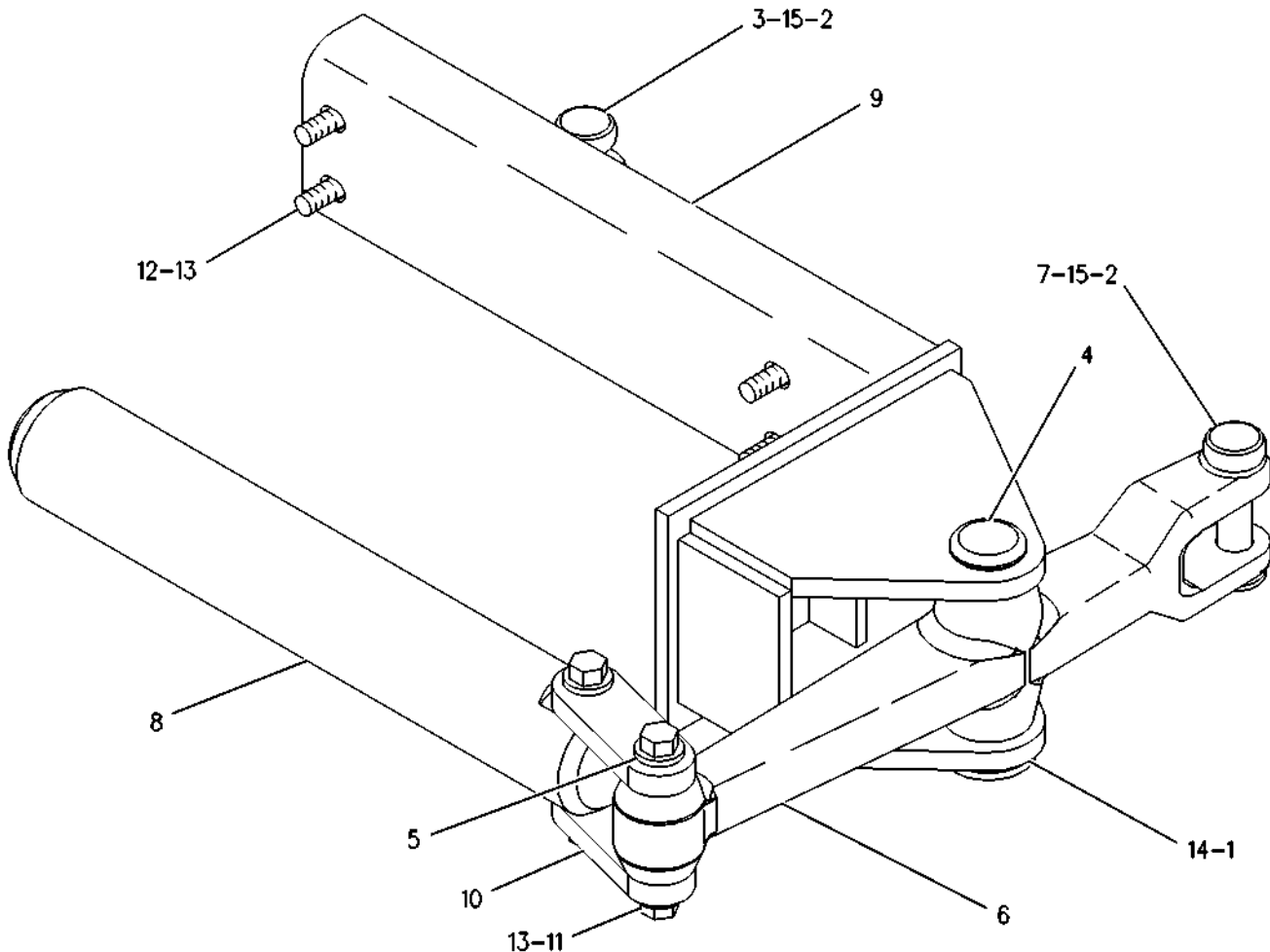
S/N: 7PZ1-UP

PART OF 130-5356 PULLER AR-PIN
AN ATTACHMENT

SMCS-5353, 5354

i01426481

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6K-3630	1	RING						
	2	1	7J-4169	2	RING-SNAP						
	3	1	7T-4501	1	PIN						
	4	1	7T-4502	1	PIN						
	5	1	8E-8914	2	PIN						
	6	1	9U-8405	1	LEVER						
	7	1	125-9215	1	PIN						
	8	1	130-5348	1	PIN						
	9	1	130-5358	1	BRACKET AS						
	10	1	130-6366	2	LINK						
	11	1	6K-0138	4	BOLT-LOCKING (5/8-11X1.25 IN)						
	12	1	7X-0345	6	BOLT (5/8-11X1.75 IN)						
	13	1	7X-0515	10	WASHER-HARD (17X35X5MM THK)						
	14	1	7X-0537	1	WASHER-HARD (40.5X67X6MM THK)						
	15	1	8T-4167	2	WASHER-HARD (26X44X4MM THK)						



GRAPHIC #1

<END>

g00272446

IMPLEMENTS

150-5414 PULLER GP-PIN-RIPPER

S/N: 7ZP1-UP

REQUIRES PIN PULLER HYDRAULIC CONTROLS

PART OF 163-0813 PULLER AR-PIN

AN ATTACHMENT

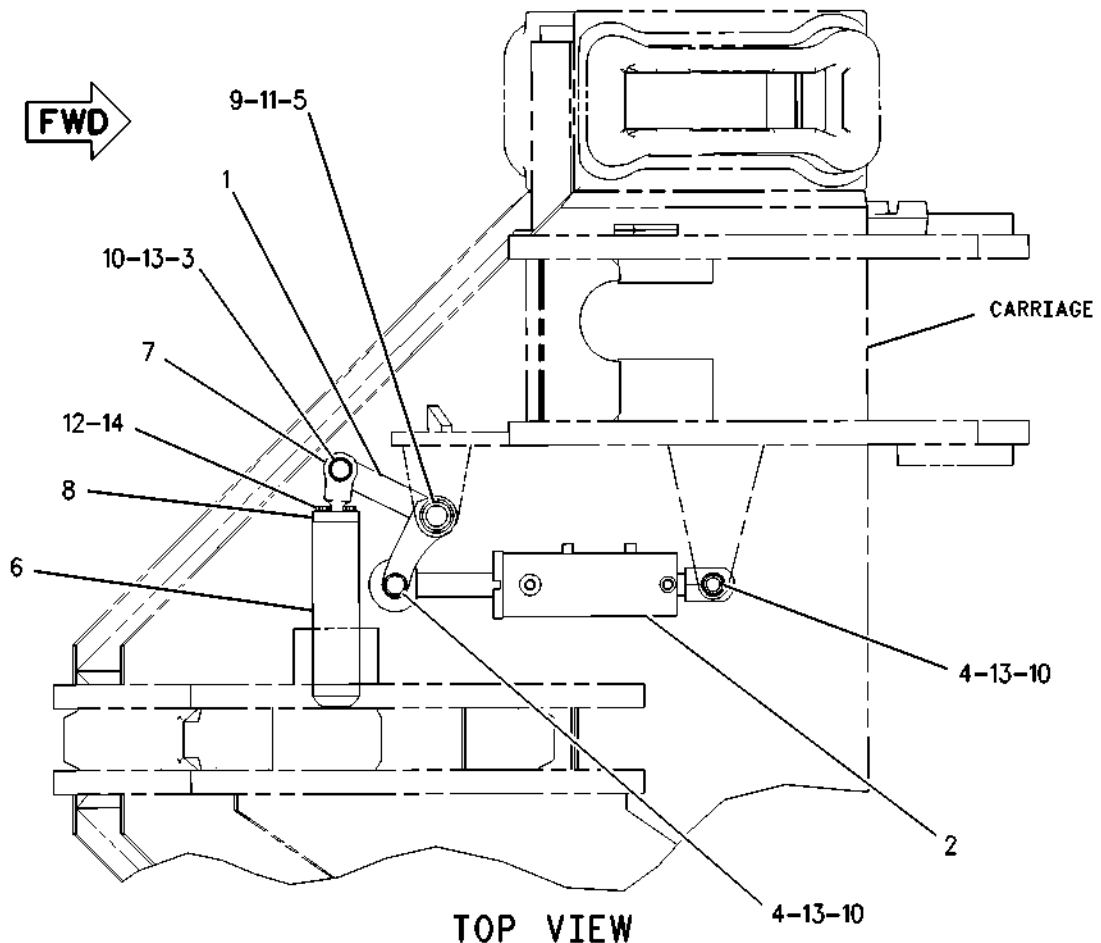
SMCS-5353, 5354

i01564857

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4Z-9219	1	LEVER						
Y	2	1	6E-3113	1	CYLINDER GP-RIPPER PIN PULLER						710
	3	1	7T-4500	1	PIN						
	4	1	7T-4501	2	PIN						
	5	1	7T-4502	1	PIN						
	6	1	150-5415	1	PIN						
	7	1	150-5416	1	LINK						
	8	1	150-5417	2	PLATE-RETAINER						
	9	1	6K-3630	1	RING						
	10	1	7J-4169	3	RING-SNAP						
	11	1	7X-0537	1	WASHER-HARD (40.5X67X6MM THK)						
	12	1	8T-4121	4	WASHER-HARD (11X21X2.5MM THK)						
	13	1	8T-4167	3	WASHER-HARD (26X44X4MM THK)						
M	14	1	8T-4196	4	BOLT (M10X1.5X35MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00437963

IMPLEMENTS

119-4270 PUSH ARM GP-RH

S/N: 8PP1-UP; 8RP1-UP

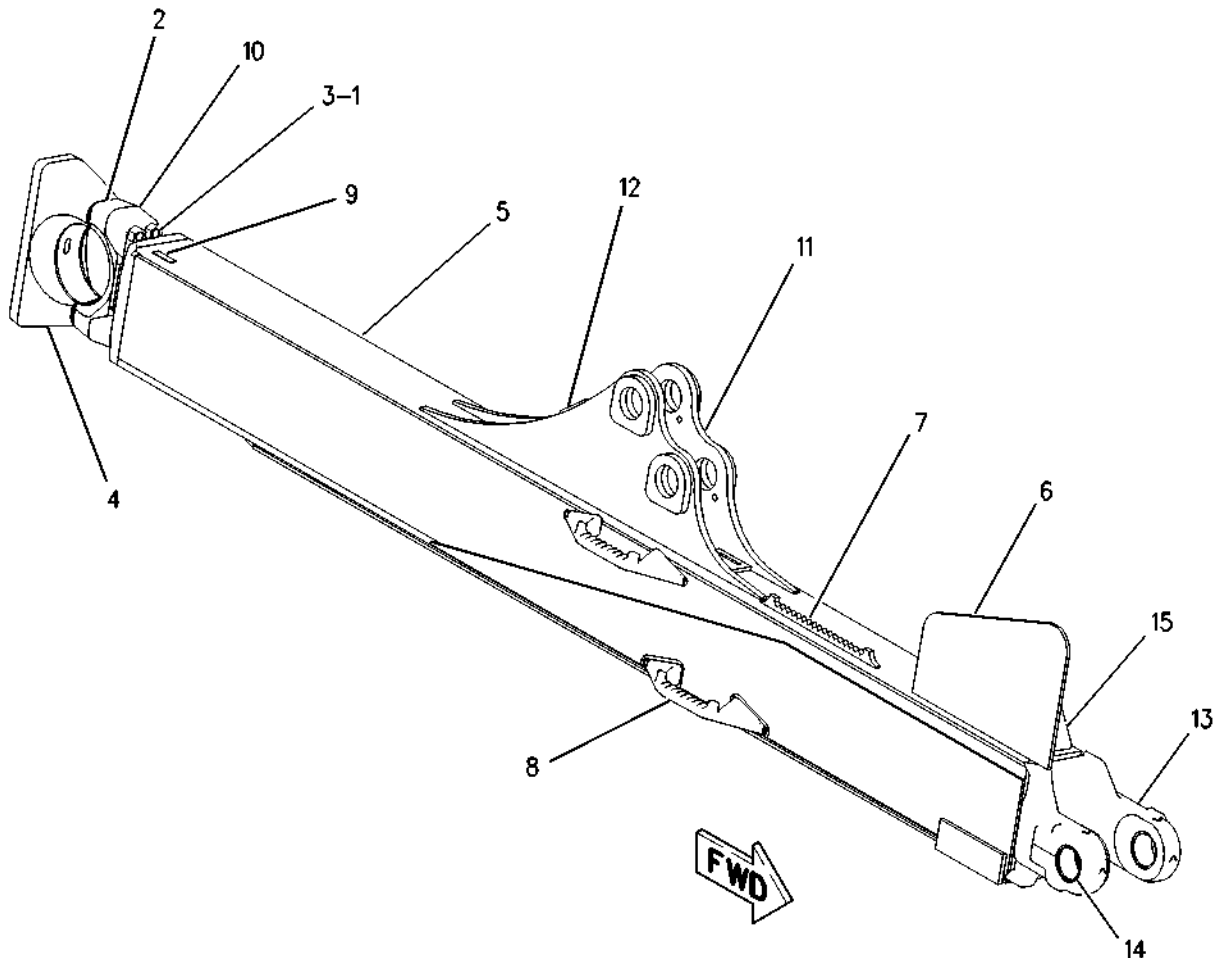
PART OF 119-4269 PUSH ARM GP-STABILIZER
AN ATTACHMENT

SMCS-6061

i01989057

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	5P-8335	4	BOLT (1-1/4-12X15 IN)						
	2	1	3G-0053	26	SHIM (0.8MM THK)						
	3	1	7H-7539	4	NUT-FULL (1-1/4-12 THD)						
	4	1	123-4011	1	CAP-BEARING						
	5	1	126-4200	1	ARM AS						
	6	1	1U-1513	1	PLATE						
	7	1	1U-2533	1	BAR						
	8	1	7T-5140	2	STEP						
	9	1	8P-9770	1	PLATE						
	10	1	126-4199	1	BEARING AS						
		1	104-4741	1	BEARING						
	11	1	128-2718	1	BRACKET AS-RH						
	12	1	9D-1024	1	PLATE						
	13	1	148-6786	1	BRACKET AS						
	14	1	145-8737	2	BEARING-SLEEVE						
	15	1	1U-3611	1	GUSSET						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00745397

IMPLEMENTS

119-4271 PUSH ARM GP-LH

S/N: 8PP1-UP; 8RP1-UP

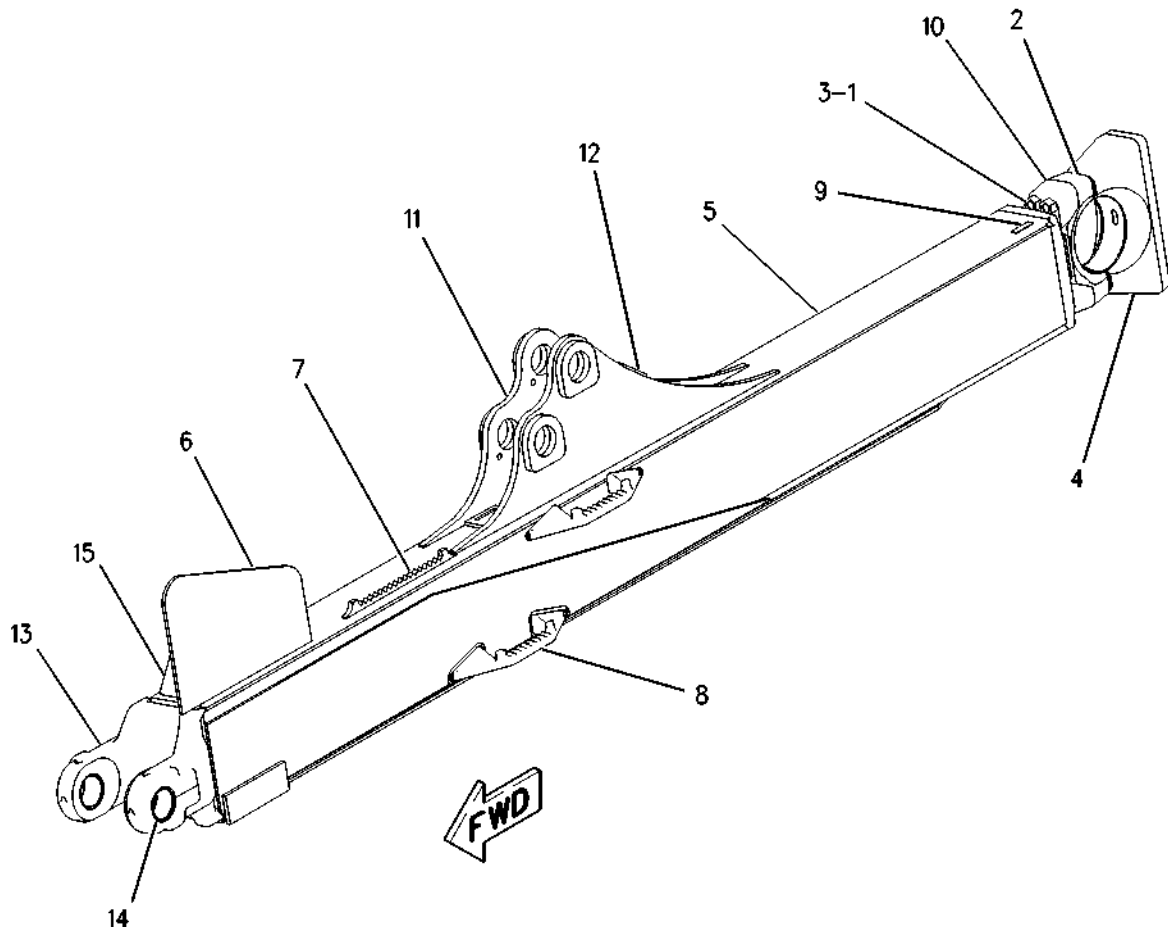
PART OF 119-4269 PUSH ARM GP-STABILIZER
AN ATTACHMENT

SMCS-6061

i01989058

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-8335	4	BOLT (1-1/4-12X15 IN)						
B	2	1	3G-0053	26	SHIM (0.8MM THK)						
	3	1	7H-7539	4	NUT-FULL (1-1/4-12 THD)						
	4	1	123-4011	1	CAP-BEARING						
	5	1	126-4201	1	ARM AS						
	6	1	1U-1513	1	PLATE						
	7	1	1U-2533	1	BAR						
	8	1	7T-5140	2	STEP						
	9	1	8P-9770	1	PLATE						
	10	1	126-4199	1	BEARING AS						
		1	104-4741	1	BEARING						
	11	1	128-2719	1	BRACKET AS-LH						
	12	1	9D-1024	1	PLATE						
	13	1	148-6786	1	BRACKET AS						
	14	1	145-8737	2	BEARING-SLEEVE						
	15	1	1U-3611	1	GUSSET						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00745422

IMPLEMENTS

178-7277 PUSH ARM GP-RH

S/N: 8PP1-UP; 8RP1-UP

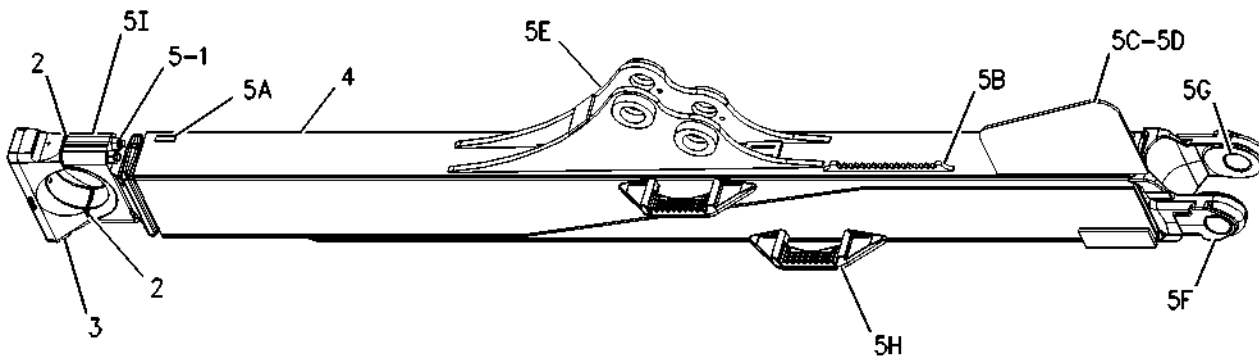
PART OF 119-4269 PUSH ARM GP-STABILIZER
AN ATTACHMENT

SMCS-6061

i01989066

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-8335	4	BOLT (1-1/4-12X15 IN)						
B	2	1	3G-0053	26	SHIM (0.8MM THK)						
	3	1	123-4011	1	CAP-BEARING						
	4	1	7H-7539	4	NUT-FULL (1-1/4-12 THD)						
	5	1	178-7276	1	ARM AS						
	5A	1	8P-9770	1	PLATE						
	5B	1	1U-2533	1	BAR						
	5C	1	1U-1513	1	PLATE						
	5D	1	1U-3611	2	GUSSET						
	5E	1	128-2718	1	BRACKET AS-RH						
	5F	1	148-6786	1	BRACKET AS						
	5G	1	145-8737	2	BEARING-SLEEVE						
	5H	1	166-4113	2	STEP						
	5I	1	175-0035	1	BEARING						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00802676

IMPLEMENTS

178-7279 PUSH ARM GP-LH

S/N: 8PP1-UP; 8RP1-UP

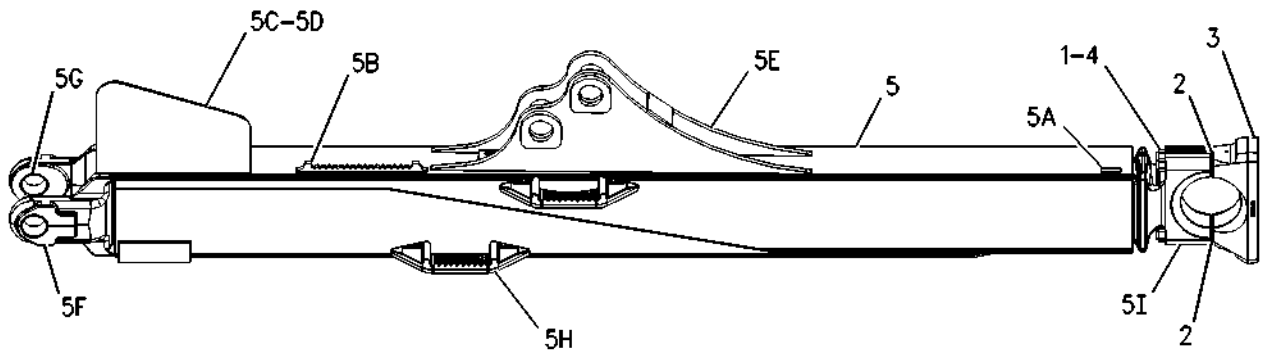
PART OF 119-4269 PUSH ARM GP-STABILIZER
AN ATTACHMENT

SMCS-6061

i01989064

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-8335	4	BOLT (1-1/4-12X15 IN)						
B	2	1	3G-0053	26	SHIM (0.8MM THK)						
	3	1	123-4011	1	CAP-BEARING						
	4	1	7H-7539	4	NUT-FULL (1-1/4-12 THD)						
	5	1	178-7278	1	ARM AS						
	5A	1	8P-9770	1	PLATE						
	5B	1	1U-2533	1	BAR						
	5C	1	1U-1513	1	PLATE						
	5D	1	1U-3611	2	GUSSET						
	5E	1	128-2719	1	BRACKET AS-LH						
	5F	1	148-6786	1	BRACKET AS						
	5G	1	145-8737	2	BEARING-SLEEVE						
	5H	1	166-4113	2	STEP						
	5I	1	175-0035	1	BEARING						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00802685

IMPLEMENTS

119-4269 PUSH ARM GP-STABILIZER

S/N: 8PP1-UP; 8RP1-UP

PART OF 119-4267, 119-4268, 119-4282, 199-8241, 226-5919 BULLDOZER
AR-SEMI-UNIVERSAL, 119-4281, 199-8240, 226-5918 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT
TYPE 1

SMCS-6061

i01989056

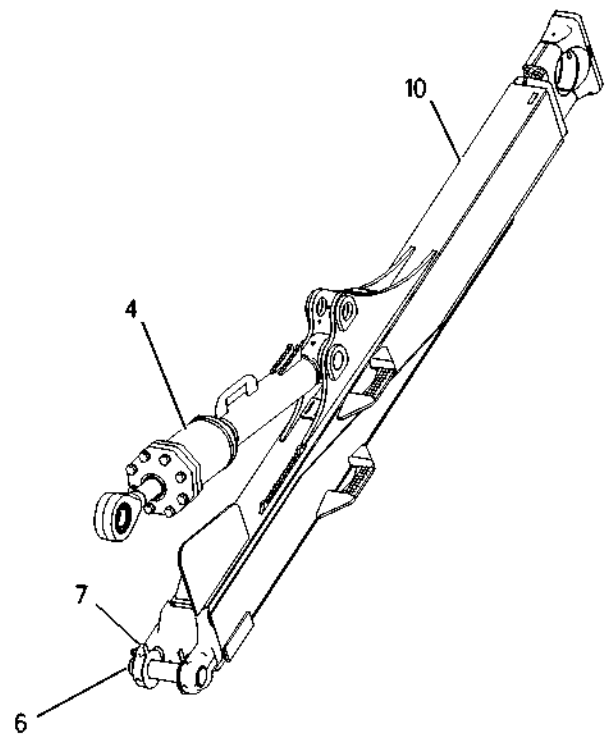
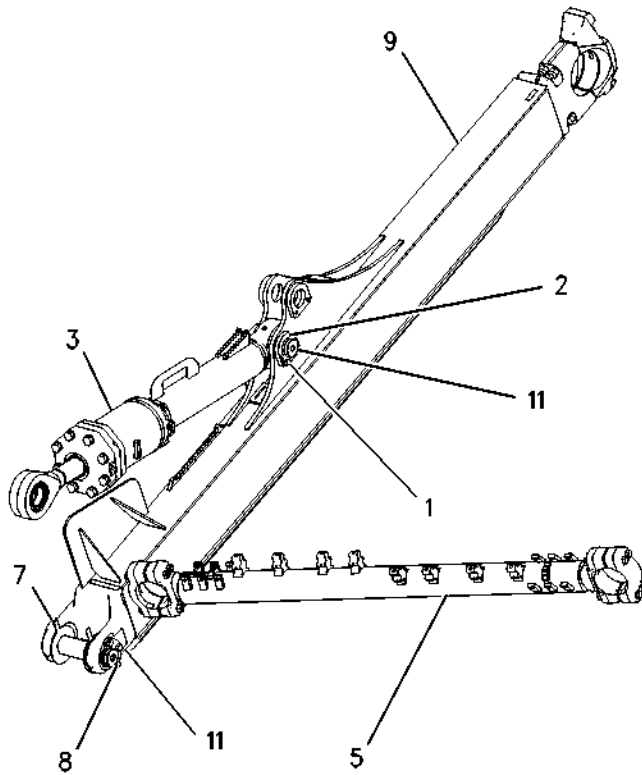
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9J-2365	2	RETAINER	
	2	1	9J-2366	2	PIN	
Y	3	1	9T-3715	1	CYLINDER GP-TILT (RH)	690
Y	4	1	9T-3716	1	CYLINDER GP-TILT (LH)	692
Y	5	1	119-4272	1	LINK GP-STABILIZER	932
	6	1	130-3434	2	PIN	
	7	1	142-2075	6	SPACER (105.1X215.9X3MM THK)	
	8	1	147-5968	2	RETAINER	
CY	9	1	178-7277	1	PUSH ARM GP (RH)	940
CY	10	1	178-7279	1	PUSH ARM GP (LH)	941
	11	1	7X-0381	10	BOLT (7/8-9X2 IN)	

C- CHANGE FROM PREVIOUS TYPE
Y- SEPARATE ILLUSTRATION

IMPLEMENTS

119-4269 PUSH ARM GP - STABILIZER (contd.)

i01989056



GRAPHIC #1

<END>

g00796348

IMPLEMENTS

119-4269 PUSH ARM GP-STABILIZER

S/N: 8PP1-UP; 8RP1-UP

PART OF 119-4267, 119-4268, 119-4282 BULLDOZER AR-SEMI-UNIVERSAL, 119-4281

BULLDOZER AR-UNIVERSAL

AN ATTACHMENT

TYPE 2

SMCS-6061

i01989055

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	9T-3715	1	CYLINDER GP-TILT (RH)						690
Y	9T-3716	1	CYLINDER GP-TILT (LH)						692
Y	119-4272	1	LINK GP-STABILIZER						932
Y	119-4271	1	PUSH ARM GP (LH)						939
Y	119-4270	1	PUSH ARM GP (RH)						938
	7X-0381	10	BOLT (7/8-9X2 IN)						
	9J-2366	2	PIN						
	130-3434	2	PIN						
	9J-2365	2	RETAINER						
	147-5968	2	RETAINER						
	142-2075	6	SPACER (105.1X215.9X3MM THK)						
Y-SEPARATE ILLUSTRATION									
<END>									

IMPLEMENTS

119-4297 TRUNNION GP-BULLDOZER

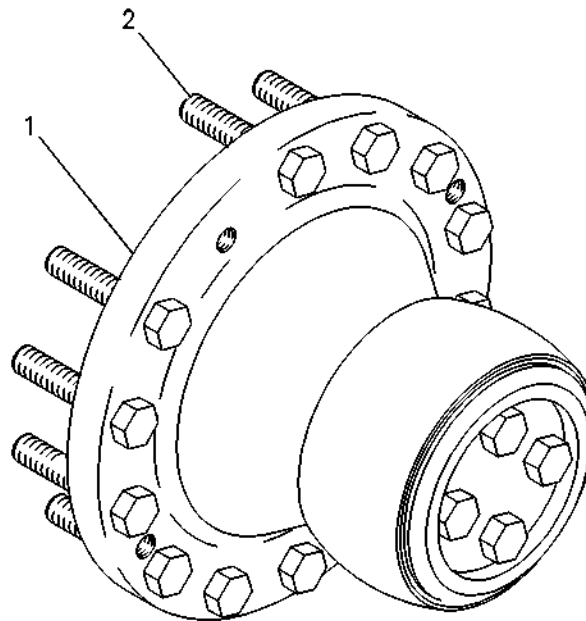
S/N: 8PP1-UP; 8RP1-UP; 7PZ1-UP

PART OF 119-4267, 119-4268, 119-4282, 199-8241, 226-5919 BULLDOZER
AR-SEMI-UNIVERSAL, 119-4281, 199-8240, 226-5918 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-6069

i01661692

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	209-7714	2	TRUNNION AS						
					(EACH INCLUDES)						
		1	7X-0368	4	BOLT (3/4-10X3 IN)						
		1	106-9037	1	RETAINER						
		1	197-5943	1	BEARING-SPHERICAL SLEEVE						
	2	1	7X-0406	24	BOLT (1-8X3 IN)						



GRAPHIC #1

<END>

g00272480

WORK TOOLS

109-9040 BIT GP-END

S/N: 7PZ1-UP

GENERAL DUTY-UTILITY

FOR USE WITH 119-4268-PAGE 921, 119-4282-PAGE 922, 119-4267-PAGE 921,
119-4281-PAGE 925
AN ATTACHMENT

SMCS-6804

i00594867

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	8E-9786	1	BIT-END-LH						
	8E-9785	1	BIT-END-RH						
<END>									

109-9041 BIT GP-END

S/N: 7PZ1-UP

EXTENDED WEAR LIFE-UTILITY

FOR USE WITH 119-4268-PAGE 921, 119-4282-PAGE 922, 119-4267-PAGE 921,
119-4281-PAGE 925
AN ATTACHMENT

SMCS-6804

i00594871

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	8E-9748	1	BIT-END-LH						
	8E-9749	1	BIT-END-RH						
<END>									

WORK TOOLS

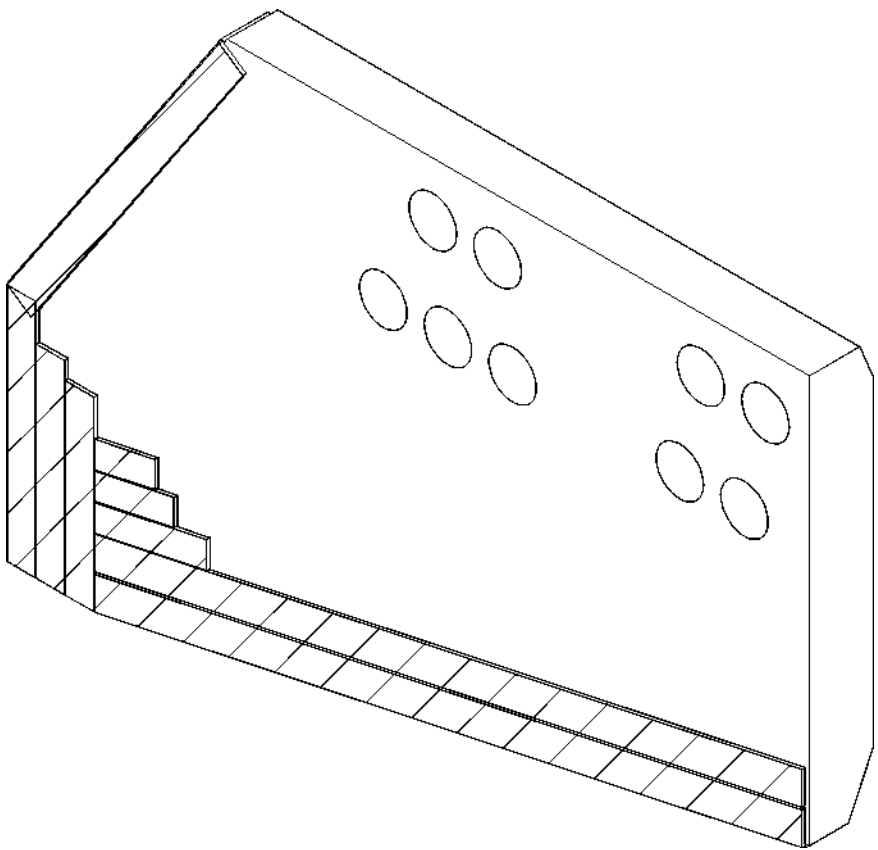
223-8127 BIT-END-RH

S/N: 7PZ1-UP
FIELD INSTALLATION

SMCS-6804

i02025466

NOTE	REF	GRAPHIC	PART NUMBER	QTY	PART NAME							SEE	
	NO	REF			1	2	3	4	5	6	(PRODUCT LEVEL)		PAGE
	(NO SERVICED PARTS)												



GRAPHIC #1

<END>

g01045826

WORK TOOLS

223-8128 BIT-END-LH

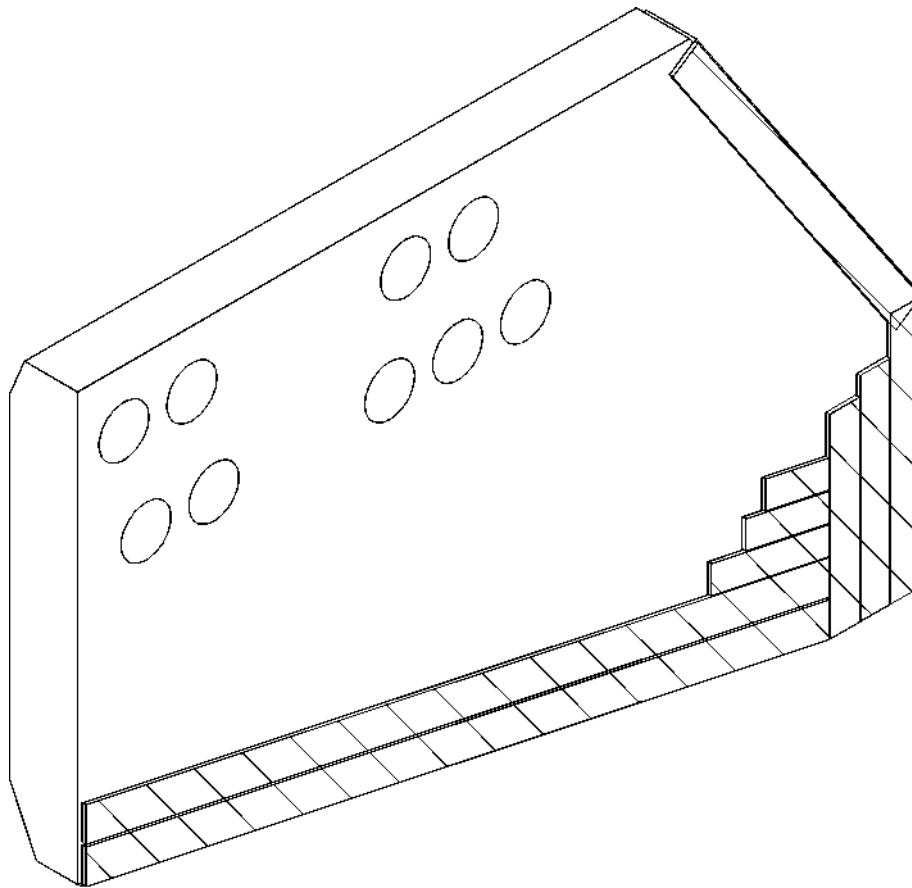
S/N: 7PZ1-UP

FIELD INSTALLATION

SMCS-6804

i02025472

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
(NO SERVICED PARTS)											



GRAPHIC #1

<END>

g01045828

WORK TOOLS

130-3431 BLADE & EDGE GP

S/N: 8RP1-UP

ABRASION APPLICATION

PART OF 119-4275 BLADE GP-UNIVERSAL
AN ATTACHMENT

SMCS-6060

i00756243

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	9W-7605	1	EDGE GP-BIT & CUTTING						964
Y	130-3432	1	BLADE AS-UNIVERSAL						953
Y-SEPARATE ILLUSTRATION									
<END>									

136-2749 BLADE & EDGE GP

S/N: 8PP1-UP

ABRASION APPLICATION

PART OF 119-4276 BLADE GP-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-6060

i00756387

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	9W-7604	1	EDGE GP-BIT & CUTTING						963
Y	136-2750	1	BLADE AS-SEMI-UNIVERSAL						950
Y-SEPARATE ILLUSTRATION									
<END>									

136-2755 BLADE & EDGE GP

S/N: 7PZ1-UP

SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-6060

i00755069

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	4T-3670	1	EDGE GP-BIT & CUTTING						961
Y	136-2756	1	BLADE AS-SEMI-UNIVERSAL						953
Y-SEPARATE ILLUSTRATION									
<END>									

136-3028 BLADE & EDGE GP

S/N: 7PZ1-UP

AN ATTACHMENT

SMCS-6060

i00808605

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	4T-3703	1	EDGE GP-BIT & CUTTING						962
Y	136-3029	1	BLADE AS-UNIVERSAL						956
Y-SEPARATE ILLUSTRATION									
<END>									

WORK TOOLS

136-2750 BLADE AS-SEMI-UNIVERSAL

S/N: 8PP1-UP

PART OF 136-2749 BLADE & EDGE GP
AN ATTACHMENT

SMCS-6060

i00756390

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	136-2751	1	BLADE AS-SEMI-UNIVERSAL						951
Y	6I-8062	1	GUARD GP-ROCK						529
Y	136-3983	1	PLATE GP-WEAR						976
Y-SEPARATE ILLUSTRATION									

<END>

WORK TOOLS

136-2751 BLADE AS-SEMI-UNIVERSAL

S/N: 8PP1-UP; 7PZ1-UP

PART OF 136-2750, 136-2756 BLADE AS-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-6060

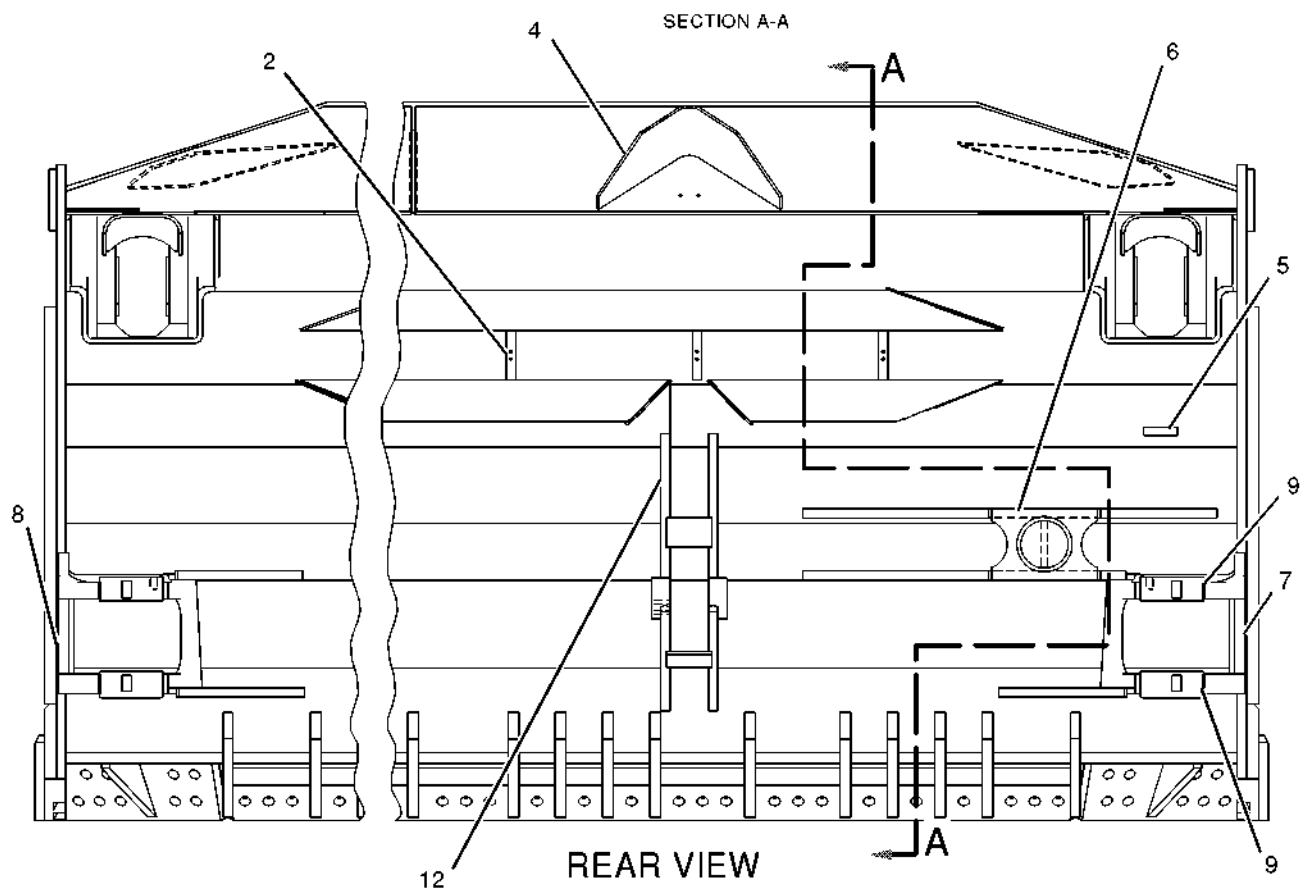
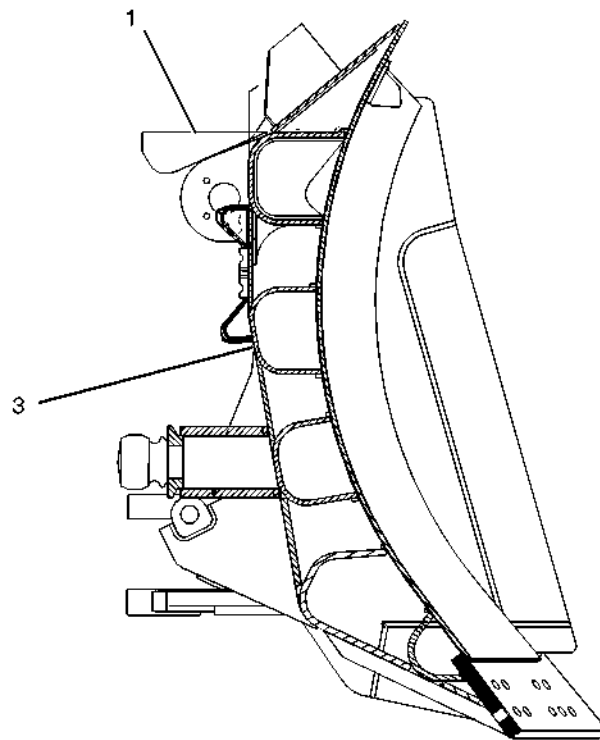
i01969419

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	107-8533	2	GUARD AS						
	2	1	129-5081	6	BLOCK						
	3	1	4T-3643	1	CHANNEL						
	4	1	6Y-3233	2	DEFLECTOR						
	5	1	8P-9770	1	PLATE						
	6	1	128-5142	1	TRUNNION AS						
	7	1	130-3437	1	BRACKET AS-RH						
	8	1	130-3438	1	BRACKET AS-LH						
					(EACH BRACKET AS INCLUDES)						
	9	1	145-8737	2	BEARING-SLEEVE						
	12	1	128-5140	2	BRACKET AS						

WORK TOOLS

136-2751 BLADE AS-SEMI-UNIVERSAL (contd.)

i01969419



GRAPHIC #1

<END>

g01022487

WORK TOOLS

136-2756 BLADE AS-SEMI-UNIVERSAL

S/N: 7PZ1-UP

SEMI-UNIVERSAL

PART OF 136-2755 BLADE & EDGE GP
AN ATTACHMENT

SMCS-6060

i00755115

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	136-2751	1	BLADE AS-SEMI-UNIVERSAL						951
Y	136-3980	1	PLATE GP-PUSH						933
Y-SEPARATE ILLUSTRATION									

<END>

130-3432 BLADE AS-UNIVERSAL

S/N: 8RP1-UP

PART OF 130-3431 BLADE & EDGE GP
AN ATTACHMENT

SMCS-6053, 6060

i00756245

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	130-3433	1	BLADE AS-UNIVERSAL						954
Y	8E-9670	1	GUARD GP-ROCK						530
Y	126-8340	1	PLATE GP-WEAR						975

<END>

WORK TOOLS

130-3433 BLADE AS-UNIVERSAL

S/N: 8RP1-UP; 7PZ1-UP

PART OF 130-3432, 136-3029 BLADE AS-UNIVERSAL
AN ATTACHMENT

SMCS-6053, 6060

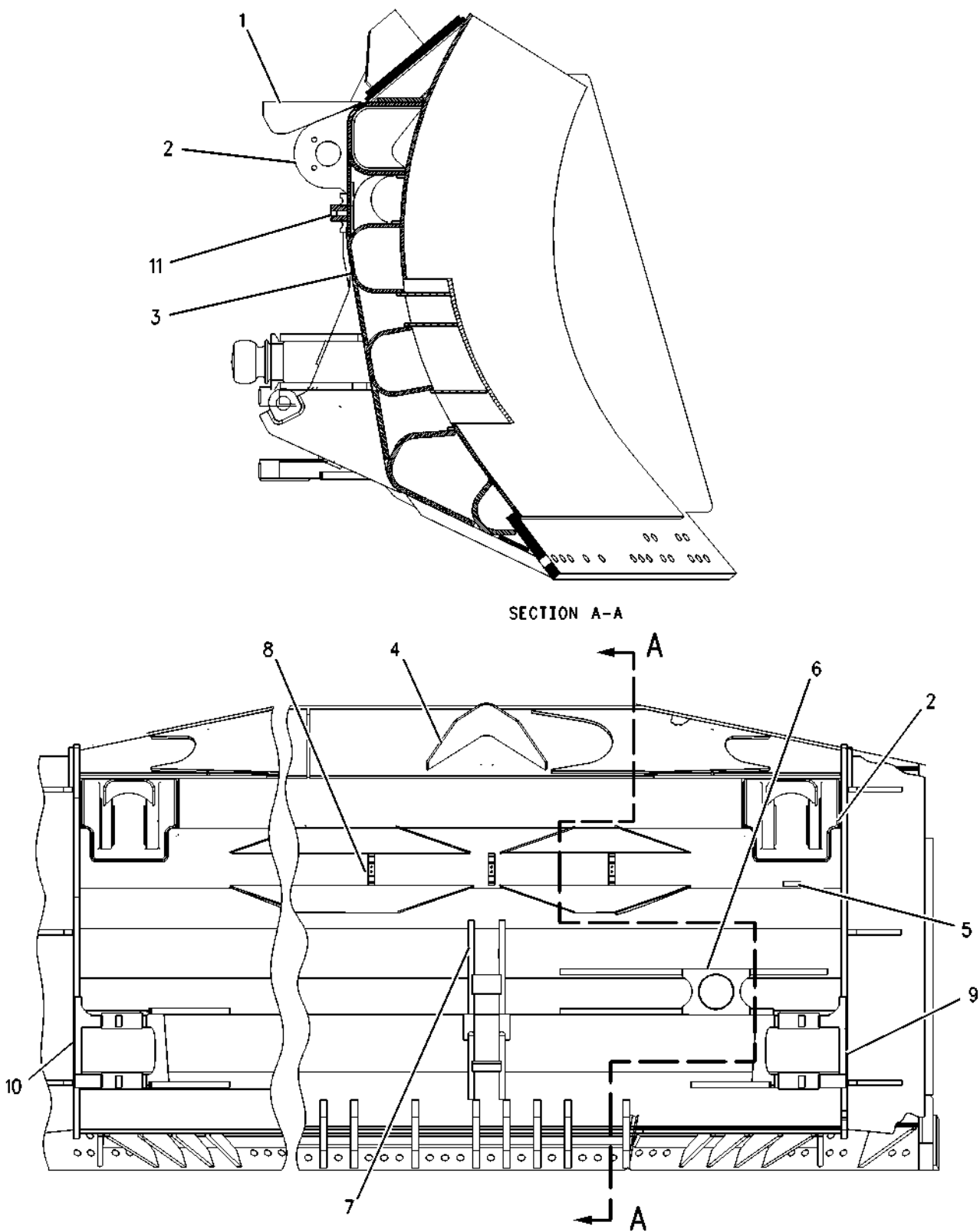
i01582504

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	107-8533	2	GUARD AS						
	2	1	1U-3619	1	BRACKET - RH						
		1	1U-3620	1	BRACKET - LH						
	3	1	4T-3643	1	CHANNEL						
	4	1	6Y-3233	2	DEFLECTOR						
	5	1	8P-9770	1	PLATE						
	6	1	128-5142	1	TRUNNION AS						
	7	1	128-5140	2	BRACKET AS						
	8	1	129-5081	6	BLOCK						
	9	1	130-3437	1	BRACKET AS - RH						
	10	1	130-3438	1	BRACKET AS - LH						
					(EACH BRACKET AS INCLUDES)						
		1	145-8737	2	BEARING-SLEEVE						
	11	1	193-9158	8	BOSS						

WORK TOOLS

130-3433 BLADE AS-UNIVERSAL (contd.)

i01582504



GRAPHIC #1

<END>

g00835205

WORK TOOLS

136-3029 BLADE AS-UNIVERSAL

S/N: 7PZ1-UP

UNIVERSAL

PART OF 136-3028 BLADE & EDGE GP
AN ATTACHMENT

SMCS-6053, 6060

i01989067

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	130-3433	1	BLADE AS-UNIVERSAL						954
	122-3316	1	PLATE AS						
Y-SEPARATE ILLUSTRATION									

<END>

WORK TOOLS

119-4276 BLADE GP-SEMI-UNIVERSAL

S/N: 8PP1-UP

PART OF 119-4268, 119-4282, 199-8241, 226-5919 BULLDOZER AR-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-6060, 6078

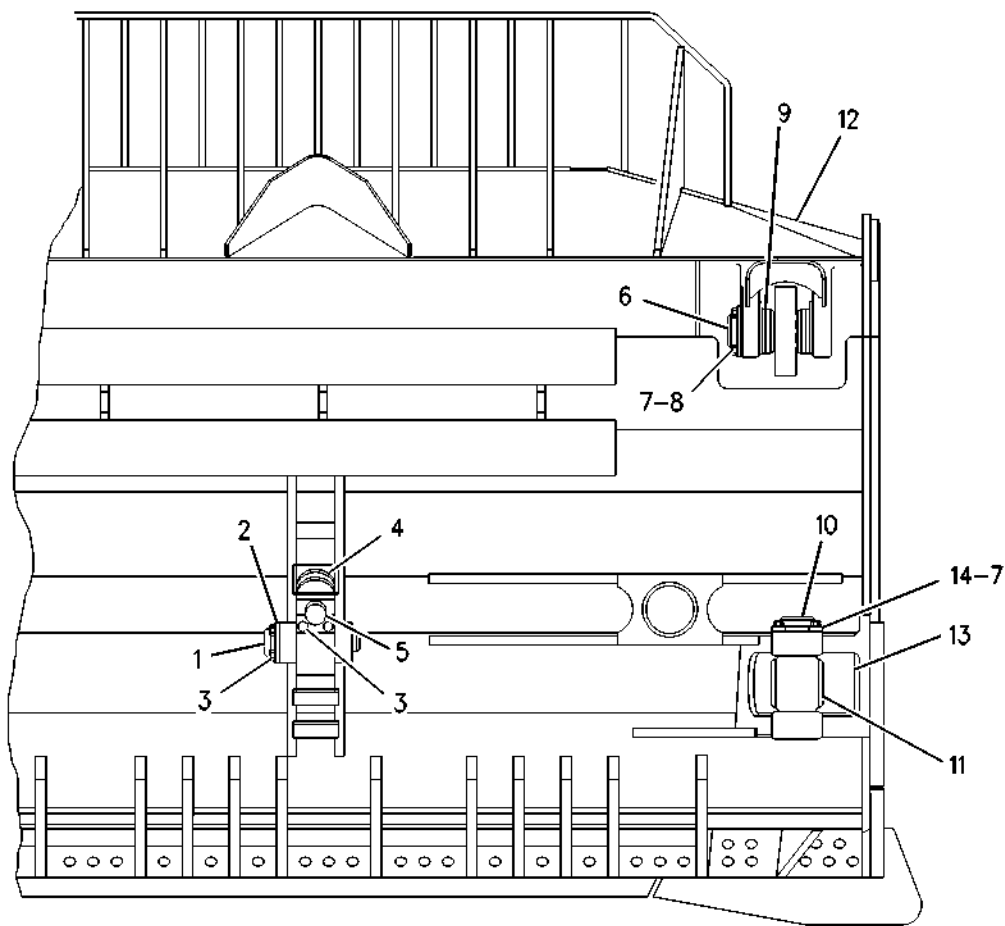
i01989059

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9W-2939	2	PIN						
	2	1	6J-5986	4	RETAINER						
	3	1	8T-8917	8	BOLT (1/2-13X1.25 IN)						
	4	1	4T-3797	2	CONNECTOR						
	5	1	6J-5985	2	PIN						
	6	1	9J-2593	2	PIN						
	7	1	7X-0381	8	BOLT (7/8-9X2 IN)						
	8	1	9J-2365	2	RETAINER						
	9	1	3G-5336	4	SPACER						
	10	1	130-3434	2	PIN						
	11	1	130-3436	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	145-8737	4	BEARING-SLEEVE						
Y	12	1	136-2749	1	BLADE & EDGE GP						949
B	13	1	142-2075	6	SPACER (105.1X215.9X3MM THK)						
					USE ONLY ONE SPACER PER SIDE OF EACH CONNECTOR AS MINIMUM AND THREE SPACERS PER PIN JOINT MAXIMUM						
	14	1	130-3435	2	RETAINER						
B-USE AS REQUIRED											
Y-SEPARATE ILLUSTRATION											

WORK TOOLS

119-4276 BLADE GP - SEMI - UNIVERSAL (contd.)

i01989059



REAR VIEW

GRAPHIC #1

<END>

g00924546

WORK TOOLS

119-4275 BLADE GP-UNIVERSAL

S/N: 8RP1-UP

PART OF 119-4267 BULLDOZER AR-SEMI-UNIVERSAL, 119-4281, 199-8240, 226-5918

BULLDOZER AR-UNIVERSAL

AN ATTACHMENT

SMCS-6053, 6060

i02024025

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	130-3431	1	BLADE & EDGE GP						949
	7X-0381	8	BOLT (7/8-9X2-IN)						
	8T-8917	8	BOLT (1/2-13X1.25-IN)						
	4T-3797	2	CONNECTOR						
	130-3436	2	CONNECTOR AS						
			(EACH INCLUDES)						
	145-8737	4	BEARING-SLEEVE						
	6J-5985	2	PIN						
	9J-2593	2	PIN						
	9W-2939	2	PIN						
	130-3434	2	PIN						
	130-3435	2	RETAINER						
	6J-5986	4	RETAINER						
	9J-2365	2	RETAINER						
	3G-5336	4	SPACER						
	142-2075	6	SPACER (105.1X215.9X3-MM THK)						
			(USE ONLY ONE SPACER PER SIDE OF EACH CONNECTOR AS MINIMUM AND THREE SPACERS PER PIN JOINT MAXIMUM)						
Y-SEPARATE ILLUSTRATION									
<END>									

WORK TOOLS

117-1258 COVER GP-SHIPPING-TRANSMISSION

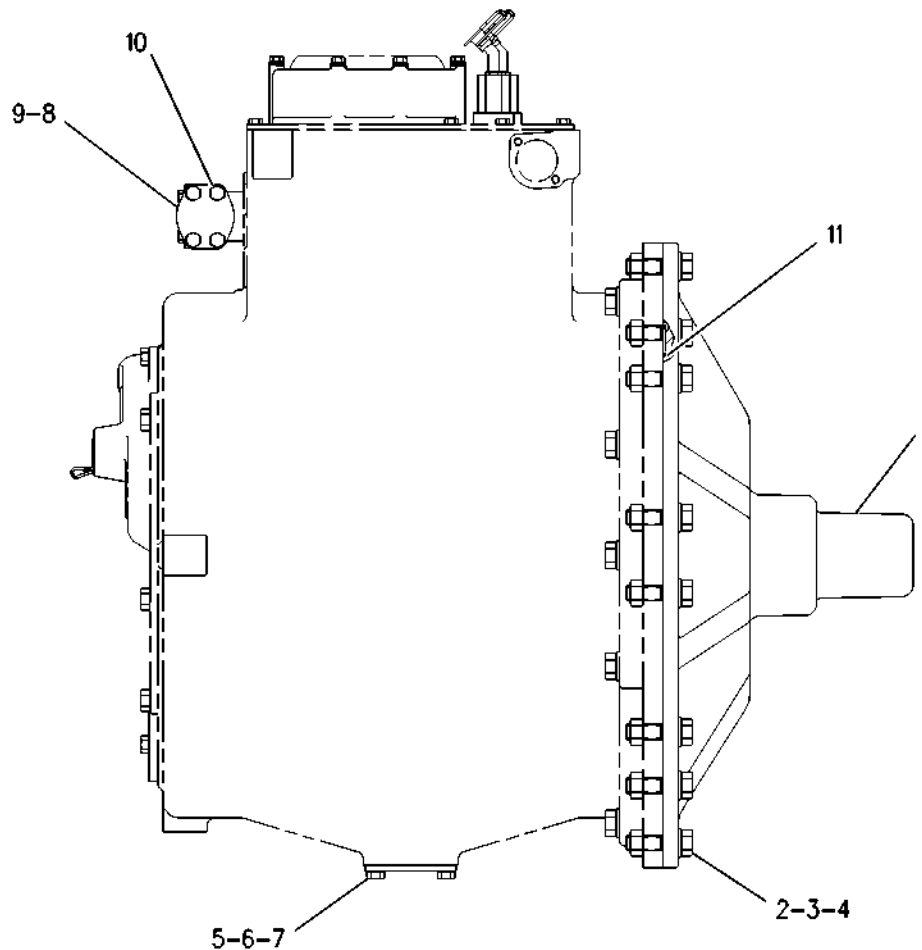
S/N: 1SY1-UP

PART OF 116-9505, 194-3805 TRANSMISSION AR

SMCS-5163

i01421262

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	183-2296	1	COVER-SHIPPING						
	2	1	9X-8886	15	BOLT (3/4-10X2.75 IN)						
	3	1	5P-8248	15	WASHER-HARD (20X36.5X3.5MM THK)						
	4	1	2J-3506	15	NUT-FULL (3/4-10 THD)						
	5	1	7J-0401	1	COVER						
	6	1	7H-1495	1	GASKET						
	7	1	0S-1621	4	BOLT (1/2-13X1 IN)						
	8	1	1S-3725	2	COVER						
	9	1	8E-7366	2	GASKET						
	10	1	0T-0318	8	BOLT (7/16-14X1 IN)						
	11	1	4F-7391	1	SEAL-O-RING (32.92MM ID)						



GRAPHIC #1

<END>

g00655469

WORK TOOLS

4T-3670 EDGE GP-BIT & CUTTING

S/N: 7PZ1-UP

PART OF 136-2755 BLADE & EDGE GP

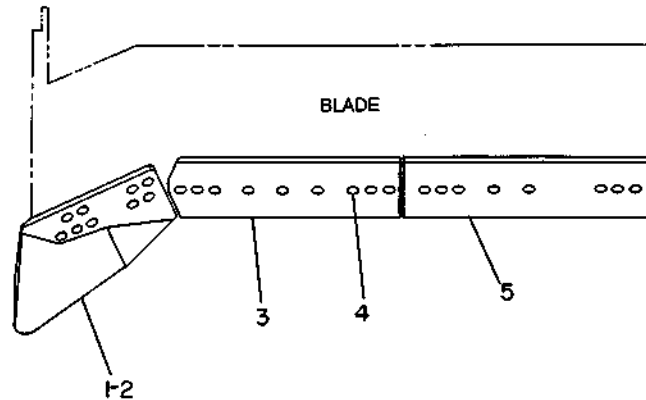
FOR USE WITH 119-4268-PAGE 921, 119-4282-PAGE 922

AN ATTACHMENT

SMCS-6801, 6804

i00587393

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-4543	1	BIT-END-RH						
	2	1	8E-4544	1	BIT-END-LH						
	3	1	9W-2425	2	EDGE-CUTTING						
	4	1	5P-8823	54	BOLT-PLOW (1-1/4-7X105MM)						
		1	4K-0684	54	WASHER-HARD (6MM THK)						
		1	3K-9770	54	NUT-FULL (1-1/4-7 THD)						
	5	1	9W-2426	2	EDGE-CUTTING						



GRAPHIC #1

<END>

g00176032

WORK TOOLS

4T-3703 EDGE GP-BIT & CUTTING

S/N: 7PZ1-UP

PART OF 136-3028 BLADE & EDGE GP

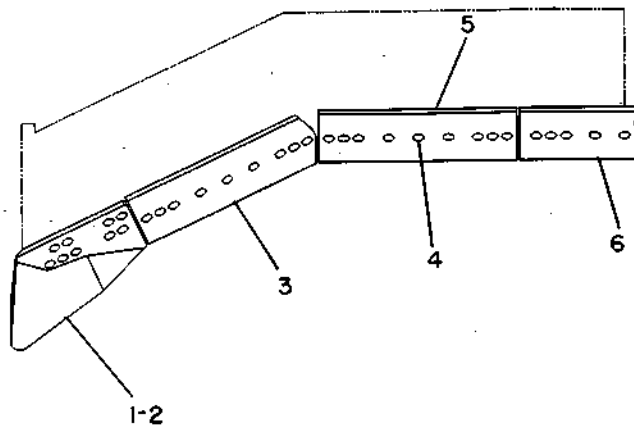
FOR USE WITH 119-4267-PAGE 921, 119-4281-PAGE 925

AN ATTACHMENT

SMCS-6801, 6804

i00587254

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-4543	1	BIT-END-RH						
	2	1	8E-4544	1	BIT-END-LH						
	3	1	9W-2425	2	EDGE-CUTTING						
	4	1	5P-8823	63	BOLT-PLOW (1-1/4-7X105MM)						
		1	4K-0684	63	WASHER-HARD (6MM THK)						
		1	3K-9770	63	NUT-FULL (1-1/4-7 THD)						
	5	1	9W-2424	2	EDGE-CUTTING						
	6	1	9W-2426	1	EDGE-CUTTING						



GRAPHIC #1

<END>

g00175635

WORK TOOLS

9W-7604 EDGE GP-BIT & CUTTING

S/N: 8PP1-UP; 7PZ1-UP

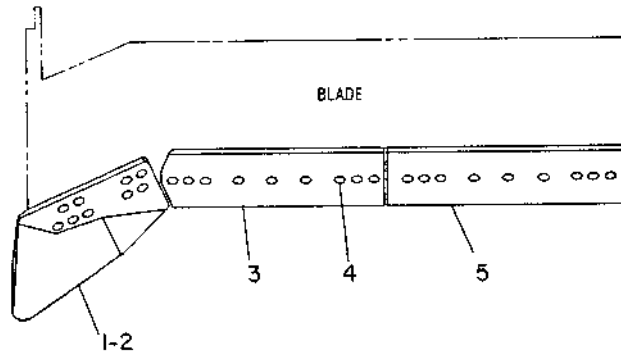
S BLADE

PART OF 136-2749 BLADE & EDGE GP
AN ATTACHMENT

SMCS-6801, 6804

i00596439

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-4545	1	BIT-END-RH						
	2	1	8E-4546	1	BIT-END-LH						
	3	1	9W-4494	2	EDGE-CUTTING						
	4	1	5P-8823	54	BOLT-PLOW (1-1/4-7X105MM)						
		1	4K-0684	54	WASHER-HARD (6MM THK)						
		1	3K-9770	54	NUT-FULL (1-1/4-7 THD)						
	5	1	9W-4495	2	EDGE-CUTTING						



FRONT VIEW

GRAPHIC #1

<END>

g00192140

WORK TOOLS

9W-7605 EDGE GP-BIT & CUTTING

S/N: 8RP1-UP; 7PZ1-UP

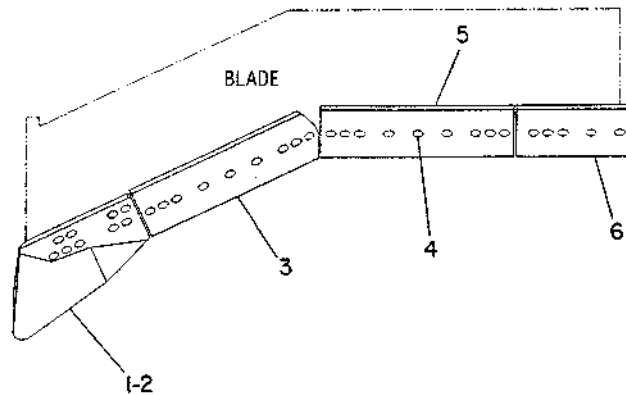
U BLADE

PART OF 130-3431 BLADE & EDGE GP
AN ATTACHMENT

SMCS-6801, 6804

i00596490

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-4545	1	BIT-END-RH						
	2	1	8E-4546	1	BIT-END-LH						
	3	1	9W-4494	2	EDGE-CUTTING						
	4	1	5P-8823	63	BOLT-PLOW (1-1/4-7X105MM)						
		1	4K-0684	63	WASHER-HARD (6MM THK)						
		1	3K-9770	63	NUT-FULL (1-1/4-7 THD)						
	5	1	9W-4493	2	EDGE-CUTTING						
	6	1	9W-4495	1	EDGE-CUTTING						



FRONT VIEW

<END>

GRAPHIC #1

g00192141

WORK TOOLS

107-3501 EDGE GP-BIT & CUTTING

S/N: 7PZ1-UP

HEAVY DUTY-MINING

FOR USE WITH 119-4268-PAGE 921, 119-4282-PAGE 922
AN ATTACHMENT

SMCS-6801, 6804

i00892116

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	107-3522	1	BIT AS-END-LH						
	107-3521	1	BIT AS-END-RH						
	5P-8823	44	BOLT-PLOW (1 1/4-7X105MM)						
	107-3523	1	EDGE-CUTTING						
	3K-9770	44	NUT-FULL (1-1/4-7 THD)						
<END>									

135-9599 EDGE GP-BIT & CUTTING

S/N: 7PZ1-UP

EXTENDED WEAR LIFE

FOR USE WITH 119-4268-PAGE 921, 119-4282-PAGE 922
AN ATTACHMENT

SMCS-6801, 6804

i01290553

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	8E-4546	1	BIT-END						
	8E-4545	1	BIT-END						
	5P-8823	54	BOLT-PLOW (1 1/4-7X4.13IN)						
	135-9578	2	EDGE-CUTTING						
	135-9577	2	EDGE-CUTTING						
	3K-9770	54	NUT-FULL (1-1/4-7 THD)						
	4K-0684	54	WASHER-HARD (6MM THK)						
<END>									

208-5182 EDGE GP-BIT & CUTTING

S/N: 7PZ1-UP

FIELD INSTALLATION

SMCS-6801, 6804

i01797778

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	195-7171	1	BIT-END (RH)						
	195-7172	1	BIT-END (LH)						
	5P-8823	63	BOLT-PLOW (1 1/4-7X4.13-IN)						
	195-9173	2	EDGE-CUTTING						
	195-9174	1	EDGE-CUTTING (RH)						
	195-9175	1	EDGE-CUTTING						
	201-1231	1	EDGE-CUTTING (LH)						
	3K-9770	63	NUT-FULL (1 1/4X7-THD)						
	4K-0684	63	WASHER-HARD (34X55X6-MM THK)						
<END>									

WORK TOOLS

109-9046 EDGE GP-CUTTING

S/N: 7PZ1-UP

HEAVY DUTY-MINING

FOR USE WITH 119-4267-PAGE 921, 119-4281-PAGE 925
AN ATTACHMENT

SMCS-6801

i01023480

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	5P-8823	45	BOLT-PLOW (1 1/4-7X4.13IN)						
	109-9047	2	EDGE AS						
	109-9050	1	EDGE-CUTTING						
	3K-9770	45	NUT-FULL (1-1/4-7 THD)						

<END>

WORK TOOLS

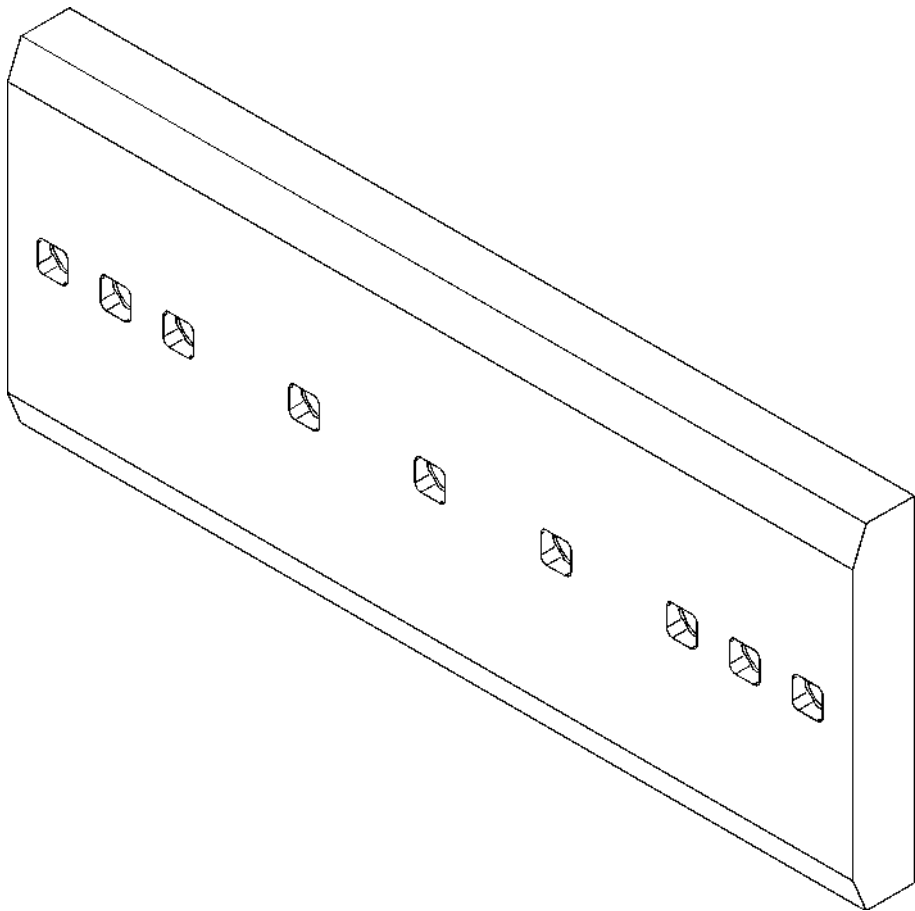
195-7187 EDGE-CUTTING

S/N: 7PZ1-UP
FIELD INSTALLATION

SMCS-6801

i02025822

NOTE	REF	GRAPHIC	PART NUMBER	QTY	PART NAME							SEE	
	NO	REF			1	2	3	4	5	6	(PRODUCT LEVEL)		PAGE
	(NO SERVICED PARTS)												



GRAPHIC #1

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g01045835

WORK TOOLS

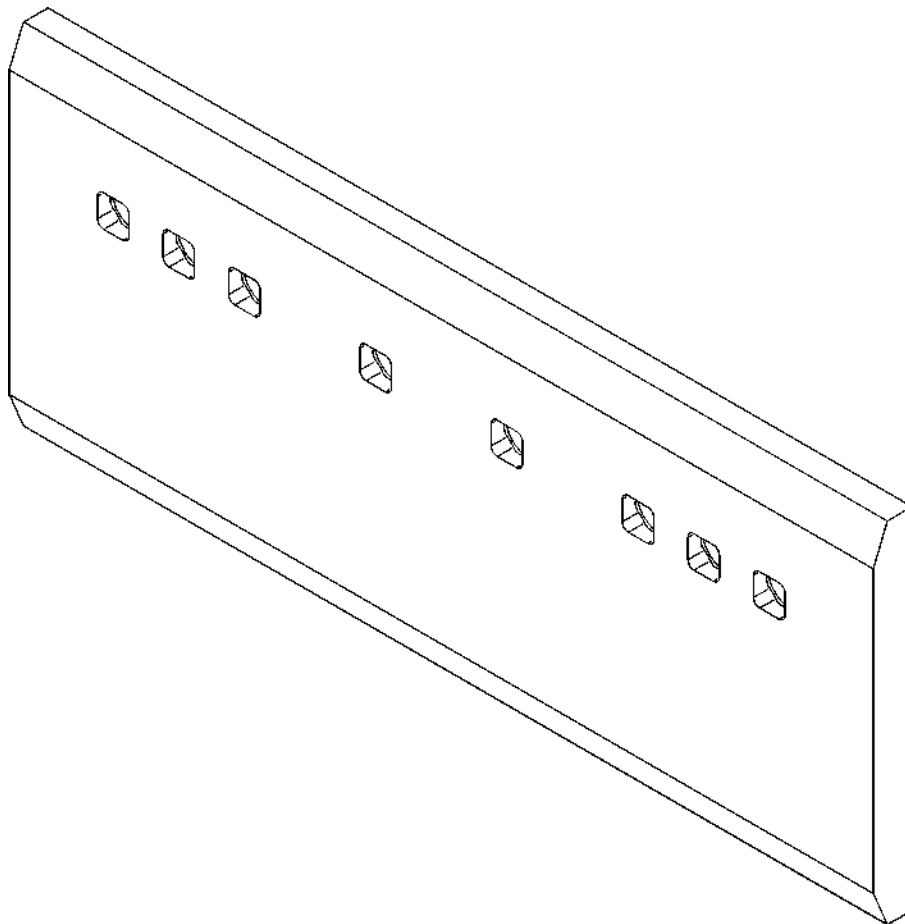
229-7052 EDGE-CUTTING

S/N: 7PZ1-UP
FIELD INSTALLATION

SMCS-6801

i02025796

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
(NO SERVICED PARTS)											



GRAPHIC #1

<END>

g01045837

WORK TOOLS

127-1032 FRAME GP-RIPPER—SINGLE SHANK

S/N: 5MP1-UP; 7CP1-UP

PART OF 127-1031, 130-6462 RIPPER AR
AN ATTACHMENT

SMCS-6314, 7067

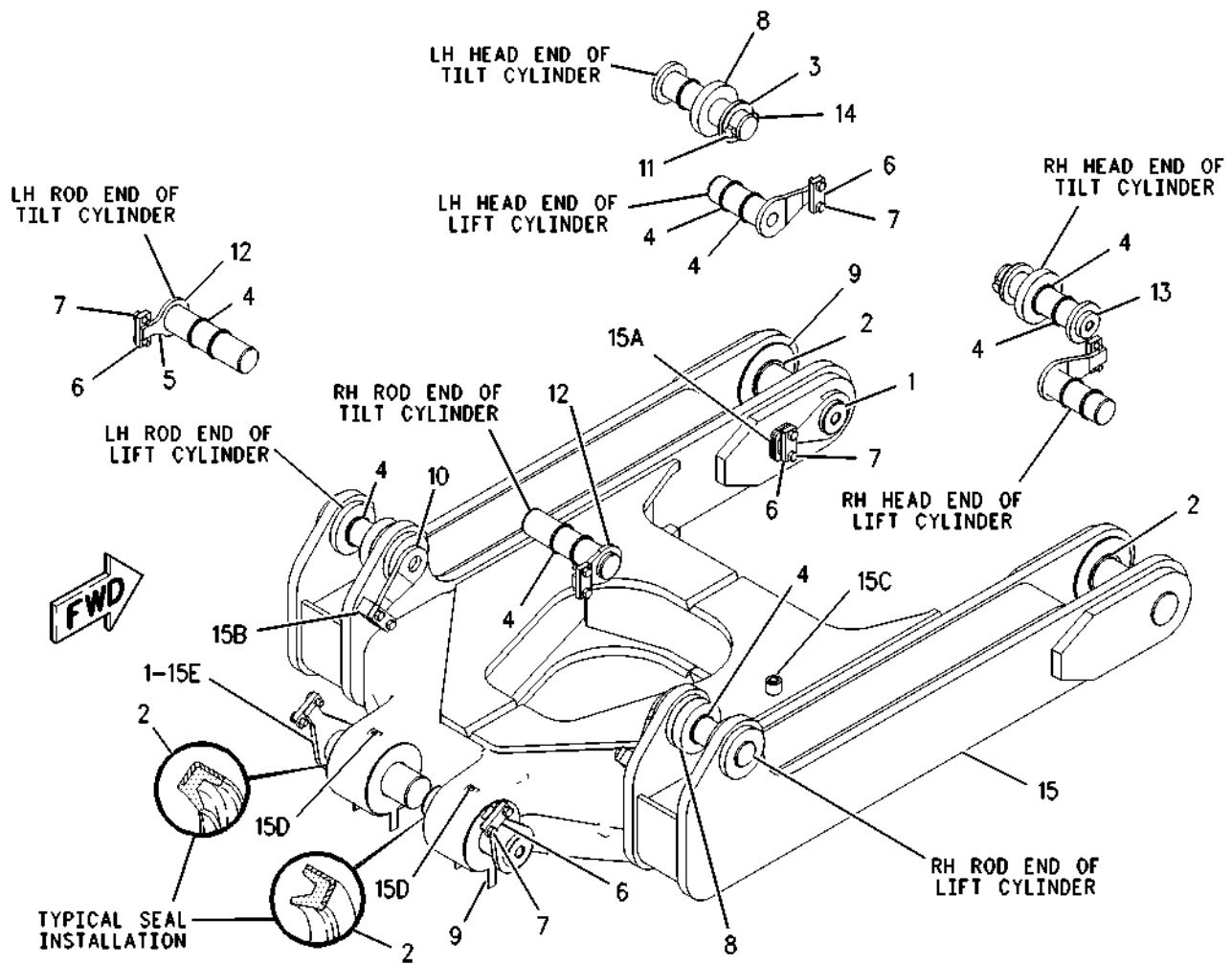
i01989061

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	4T-2805	4	PIN AS						
	2	1	5P-2672	8	SEAL-LIP TYPE						
	3	1	8W-9506	10	SPACER (90.5X140X3MM THK)						
	4	1	7K-9211	16	SEAL-LIP TYPE						
	5	1	9J-2290	2	PIN AS						
	6	1	7T-7305	10	PLATE						
	7	1	7X-0365	20	BOLT (3/4-10X1.5 IN)						
B	8	1	9U-8404	4	SPACER (89.4X180X35MM THK)						
	9	1	9W-5556	24	SPACER (120X250X3MM THK)						
	10	1	105-5448	2	PIN AS						
	11	1	7X-0388	2	BOLT (7/8-9X4.5 IN)						
	12	1	130-5355	2	PIN AS						
	13	1	132-0055	2	PIN AS						
	14	1	6K-0545	2	LOCKNUT (7/8X19 THD)						
	15	1	145-2875	1	FRAME & BEARING AS						
	15A	1	2J-1227	2	RETAINER						
	15B	1	3J-6035	2	RETAINER						
	15C	1	4S-1722	2	BOSS						
	15D	1	3B-8489	2	FITTING-GREASE						
	15E	1	9J-1914	4	BEARING-SLEEVE						
B-USE AS REQUIRED											

WORK TOOLS

127-1032 FRAME GP-RIPPER (contd.)

i01989061



GRAPHIC #1

<END>

g00879009

WORK TOOLS

130-6459 FRAME GP-RIPPER—MULTI-SHANK

S/N: 7DP1-UP

PART OF 130-6458 RIPPER AR
AN ATTACHMENT

SMCS-6314, 7067

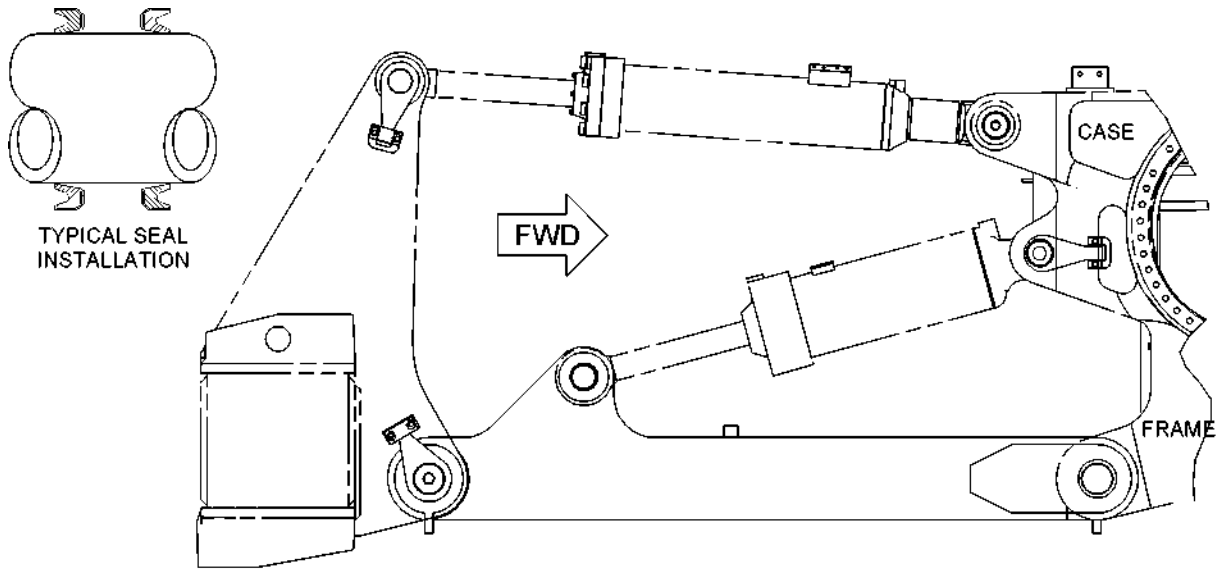
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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4T-2805	2	PIN AS						
	2	1	4T-8901	2	PIN AS						
	3	1	5P-2672	8	SEAL-LIP TYPE						
	4	1	5P-9899	2	PLUG-PROTECTION						
	5	1	6J-8422	2	PIN AS						
	6	1	7K-9211	16	SEAL-LIP TYPE						
	7	1	7T-7222	2	PIN AS						
	8	1	7T-7305	10	PLATE						
	9	1	9U-8404	6	SPACER (89.4X180X35MM THK)						
B	10	1	9W-5556	18	SPACER (120X250X3MM THK)						
	11	1	105-5448	2	PIN AS						
	12	1	128-6816	1	FRAME AS						
		1	3B-8489	2	FITTING-GREASE (RIPPER FRAME)						
		1	128-6121	4	BEARING-SLEEVE						
		1	2J-1227	2	RETAINER						
		1	3J-6035	2	RETAINER						
		1	4S-1722	2	BOSS						
		1	8P-9770	1	PLATE						
	13	1	132-0055	2	PIN AS						
	14	1	6K-0545	2	LOCKNUT (7/8X19 THD)						
	15	1	7X-0365	20	BOLT (3/4-10X1.5 IN)						
	16	1	7X-0388	2	BOLT (7/8-9X4.5 IN)						
B	17	1	8W-9506	10	SPACER (90.5X140X3MM THK)						
B-USE AS REQUIRED											

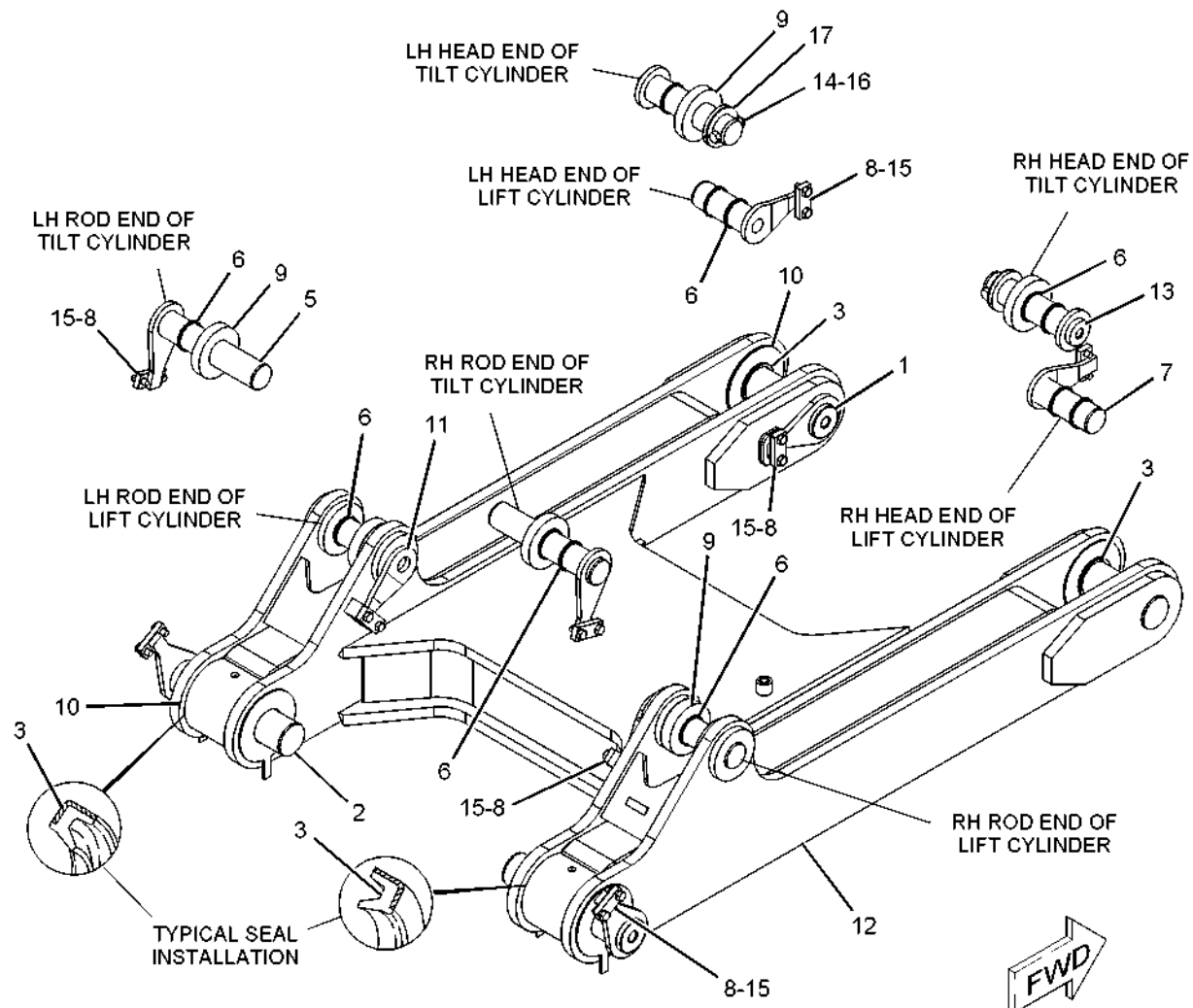
WORK TOOLS

130-6459 FRAME GP-RIPPER (contd.)

101989063



RIGHT SIDE VIEW



GRAPHIC #1

<END>

g01025153

WORK TOOLS

161-2419 FRAME GP-RIPPER—MULTI-SHANK

S/N: 7ZP1-UP

PART OF 161-2420 RIPPER AR
AN ATTACHMENT

SMCS-6314, 7067

i01989528

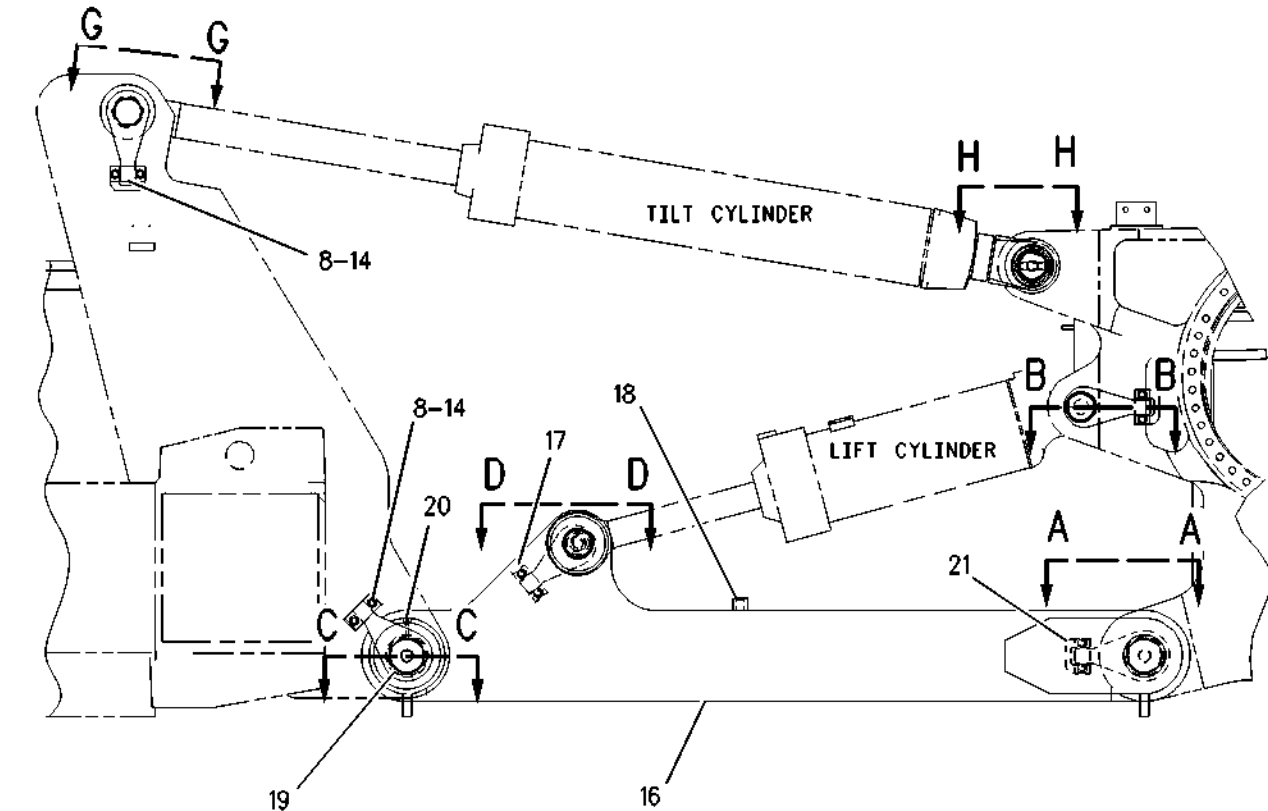
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4T-2805	2	PIN AS						
	2	1	4T-8901	2	PIN AS						
	3	1	5P-2672	8	SEAL-LIP TYPE						
	4	1	7X-0388	2	BOLT (7/8-9X4.5 IN)						
	5	1	6J-8422	2	PIN AS						
	6	1	7K-9211	16	SEAL-LIP TYPE						
	7	1	9J-2290	2	PIN AS						
	8	1	7T-7305	10	PLATE						
	9	1	9U-8404	6	SPACER (89.4X180X35MM THK)						
B	10	1	9W-5556	18	SPACER (120X250X3MM THK)						
	11	1	105-5448	2	PIN AS						
	12	1	132-0055	2	PIN AS						
	13	1	6K-0545	2	LOCKNUT (7/8X19 THD)						
	14	1	7X-0365	20	BOLT (3/4-10X1.5 IN)						
	15	1	8W-9506	2	SPACER (90.5X140X3MM THK)						
	16	1	161-4495	1	FRAME AS						
	17	1	3J-6035	2	RETAINER						
	18	1	4S-1722	2	BOSS						
	19	1	128-6121	4	BEARING-SLEEVE						
	20	1	3B-8489	2	FITTING-GREASE						
	21	1	2J-1227	2	RETAINER						

B-USE AS REQUIRED

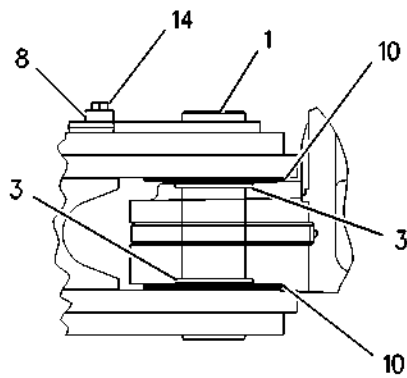
WORK TOOLS

161-2419 FRAME GP-RIPPER (contd.)

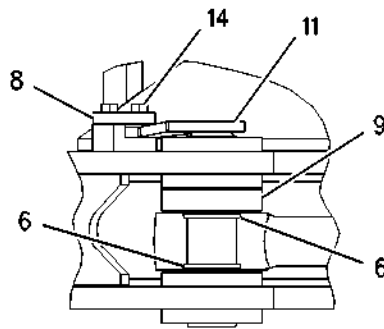
i01989528



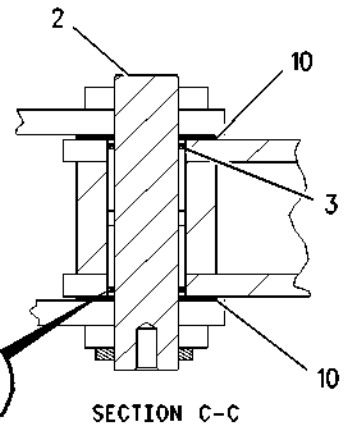
RIGHT SIDE VIEW



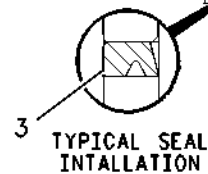
VIEW A-A



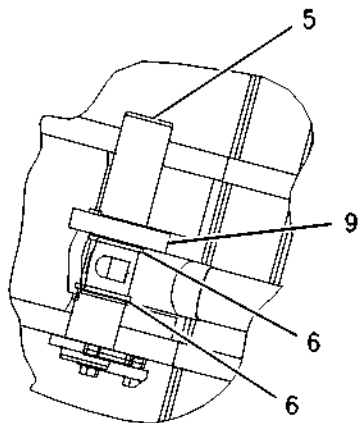
VIEW D-D



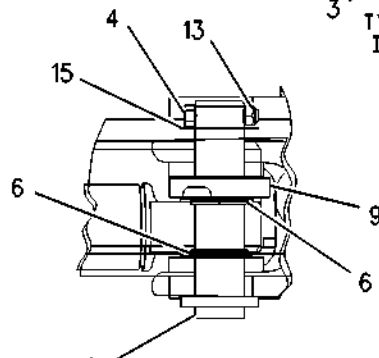
SECTION C-C



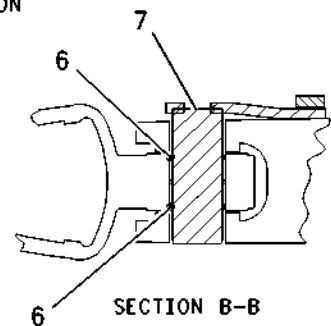
TYPICAL SEAL
INSTALLATION



VIEW G-G



VIEW H-H



SECTION B-B

GRAPHIC #1

<END>

g00778267

WORK TOOLS

126-8340 PLATE GP-WEAR-BLADE

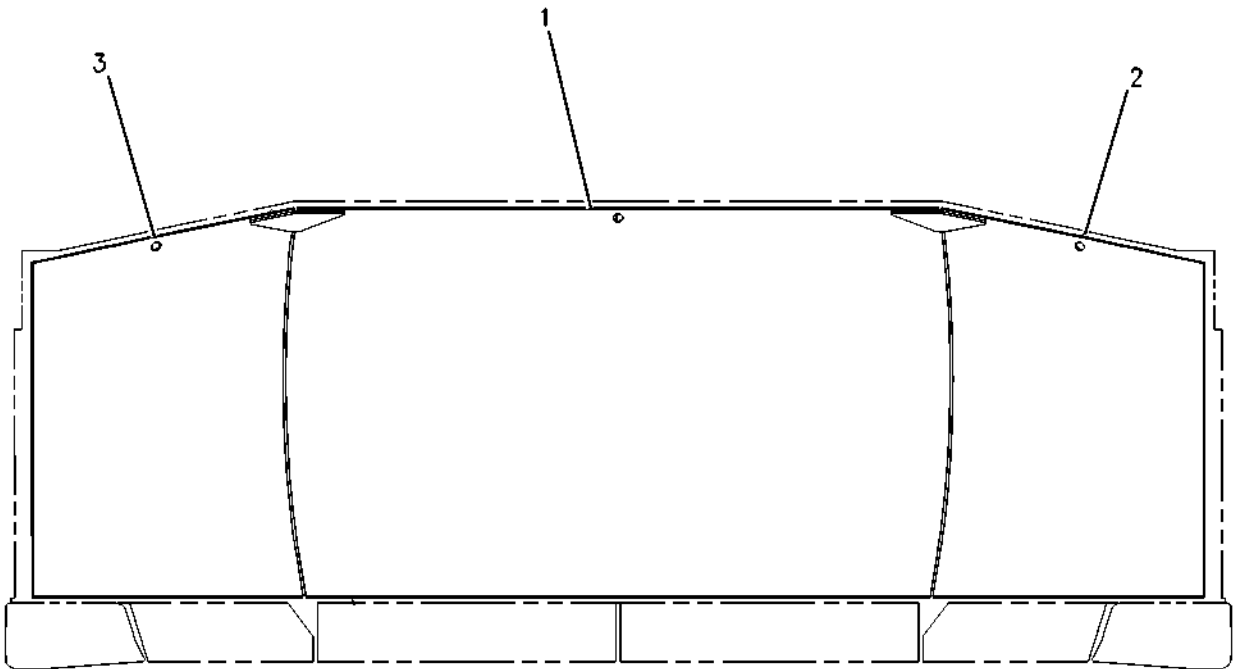
S/N: 8RP1-UP

PART OF 130-3432 BLADE AS-UNIVERSAL
AN ATTACHMENT

SMCS-6820

i01024737

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	126-8343	1	PLATE-WEAR						
	2	1	126-8342	1	PLATE-WEAR-LH						
	3	1	126-8341	1	PLATE-WEAR-RH						



FRONT VIEW

GRAPHIC #1

<END>

g00526751

WORK TOOLS

136-3983 PLATE GP-WEAR-BLADE

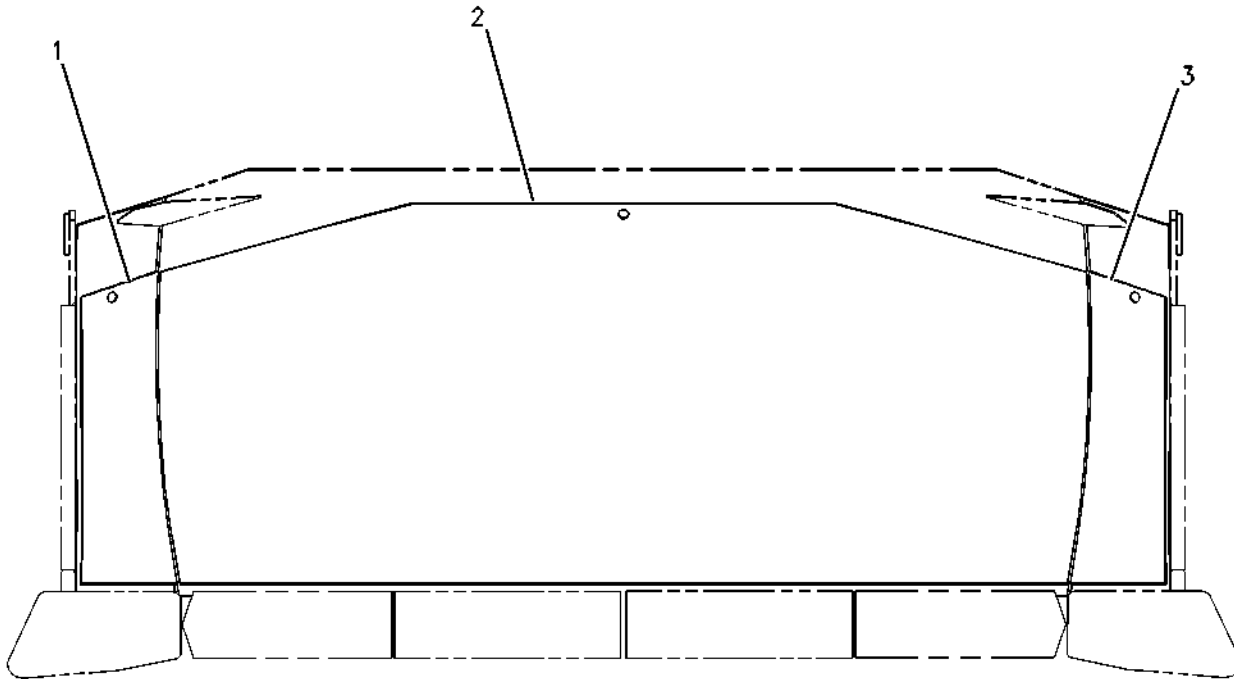
S/N: 8PP1-UP

PART OF 136-2750 BLADE AS-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-6820

i00997518

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	136-3984	1	PLATE-WEAR (RH)						
	2	1	136-3986	1	PLATE-WEAR						
	3	1	136-3985	1	PLATE-WEAR (LH)						



FRONT VIEW

GRAPHIC #1

<END>

g00510522

WORK TOOLS

127-1031 RIPPER AR-SINGLE SHANK

S/N: 7CP1-UP

AN ATTACHMENT

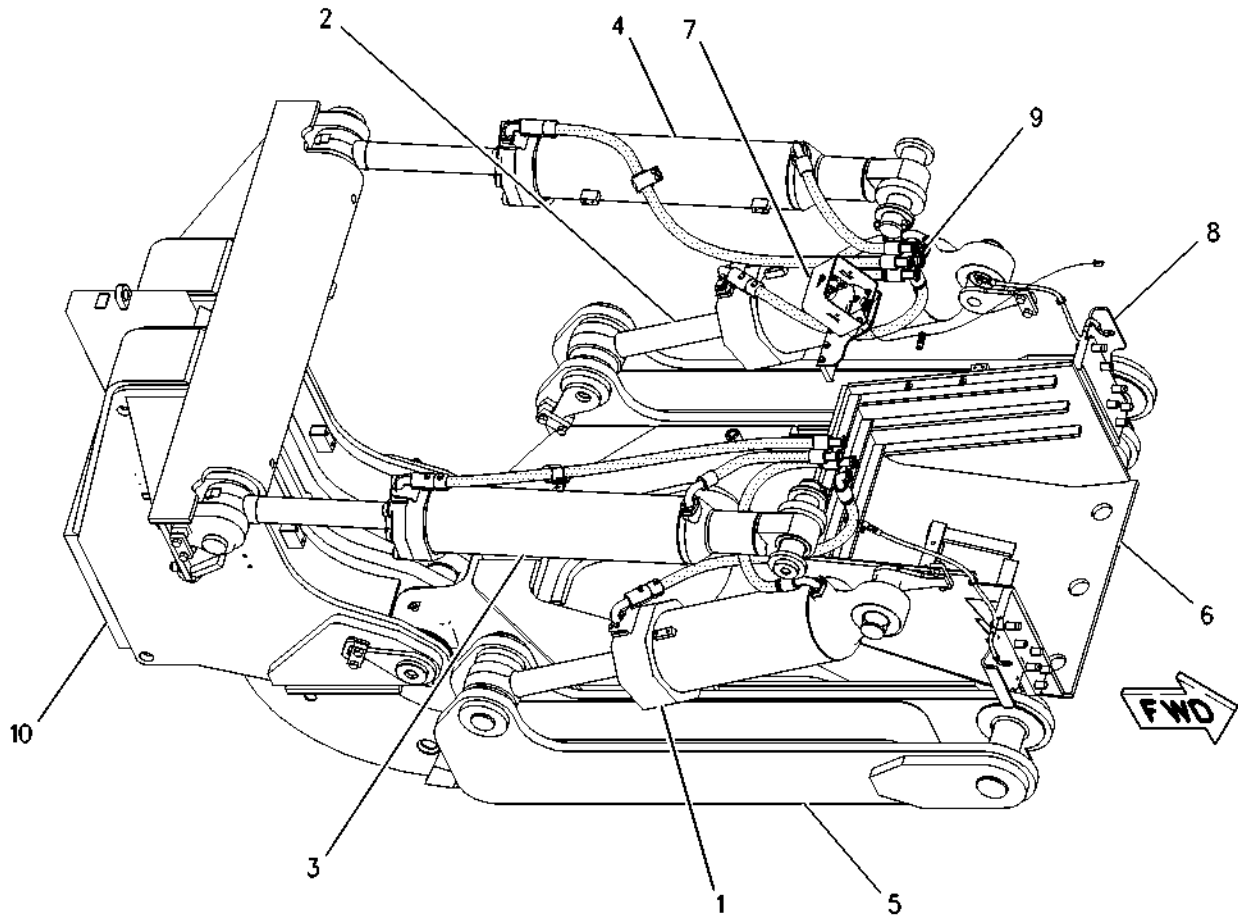
SMCS-6310

i01989060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	101-8581	1	CYLINDER GP-RIPPER (RH)						694
Y	2	1	101-8614	1	CYLINDER GP-RIPPER (LH)						698
Y	3	1	130-3263	1	CYLINDER GP-RIPPER TILT (RH)						713
Y	4	1	130-6381	1	CYLINDER GP-RIPPER TILT (LH)						717
Y	5	1	127-1032	1	FRAME GP-RIPPER						969
Y	6	1	145-0900	1	GUARD GP-TRANSMISSION						533
Y	7	1	131-2141	1	LIGHTING GP-RIPPER						325
Y	8	1	160-0982	1	LINES GP-GREASE						931
Y	9	1	141-8376	1	LINES GP-RIPPER						795
Y	10	1	130-5349	1	RIPPER GP						982
FY		1	5P-1807	1	PLATE & FILM GP						1172

F-NOT SHOWN

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00658778

WORK TOOLS

130-6458 RIPPER AR-MULTI-SHANK

S/N: 7DP1-UP
AN ATTACHMENT

SMCS-6310

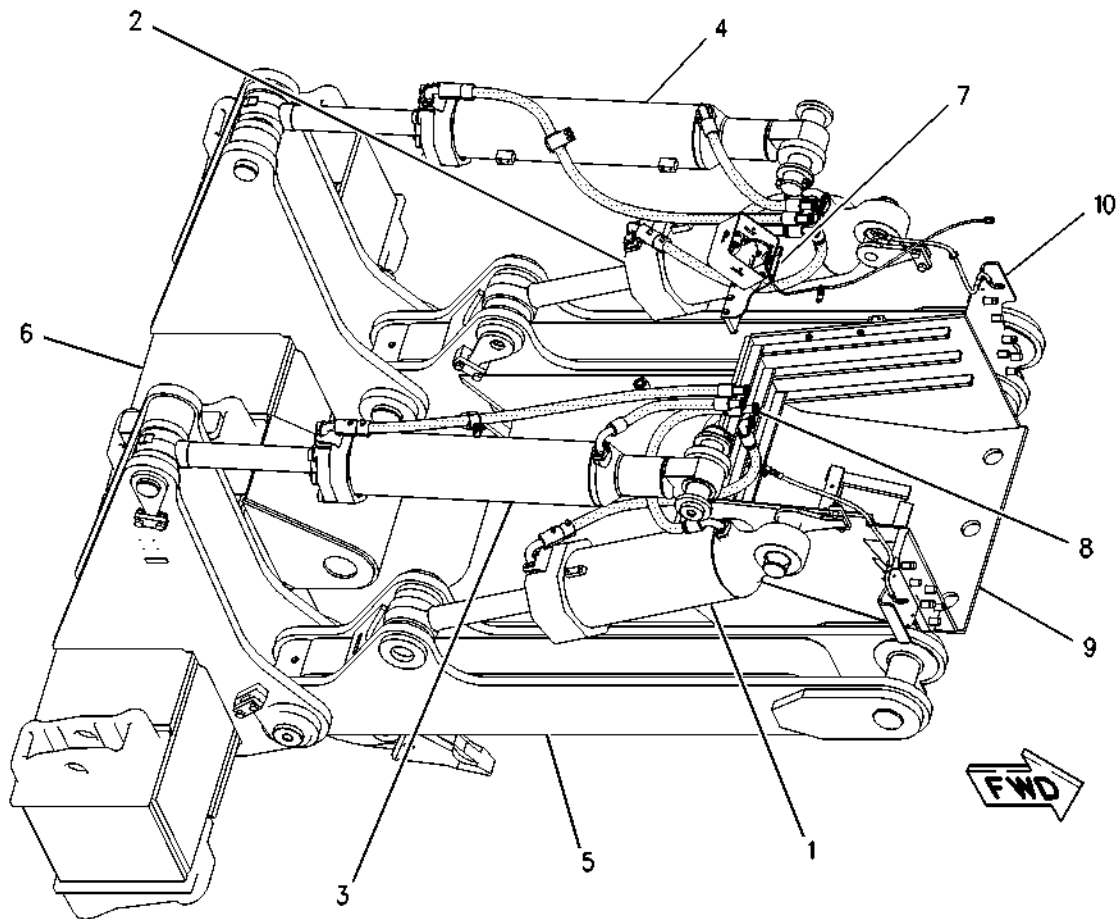
i01989062

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	101-8581	1	CYLINDER GP-RIPPER (RH)						694
Y	2	1	101-8614	1	CYLINDER GP-RIPPER (LH)						698
Y	3	1	130-3263	1	CYLINDER GP-RIPPER TILT (RH)						713
Y	4	1	130-6381	1	CYLINDER GP-RIPPER TILT (LH)						717
Y	5	1	130-6459	1	FRAME GP-RIPPER (MULTI-SHANK)						971
Y	6	1	130-6460	1	RIPPER GP						983
Y	7	1	131-2141	1	LIGHTING GP-RIPPER						325
Y	8	1	141-8376	1	LINES GP-RIPPER						795
Y	9	1	145-0900	1	GUARD GP-TRANSMISSION						533
CY	10	1	160-0982	1	LINES GP-GREASE						931
FY			5P-1807	1	PLATE & FILM GP						1172

C-CHANGE FROM PREVIOUS TYPE

F-NOT SHOWN

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00663710

WORK TOOLS

130-6462 RIPPER AR-SINGLE SHANK

S/N: 5MP1-UP

AN ATTACHMENT

SMCS-6310

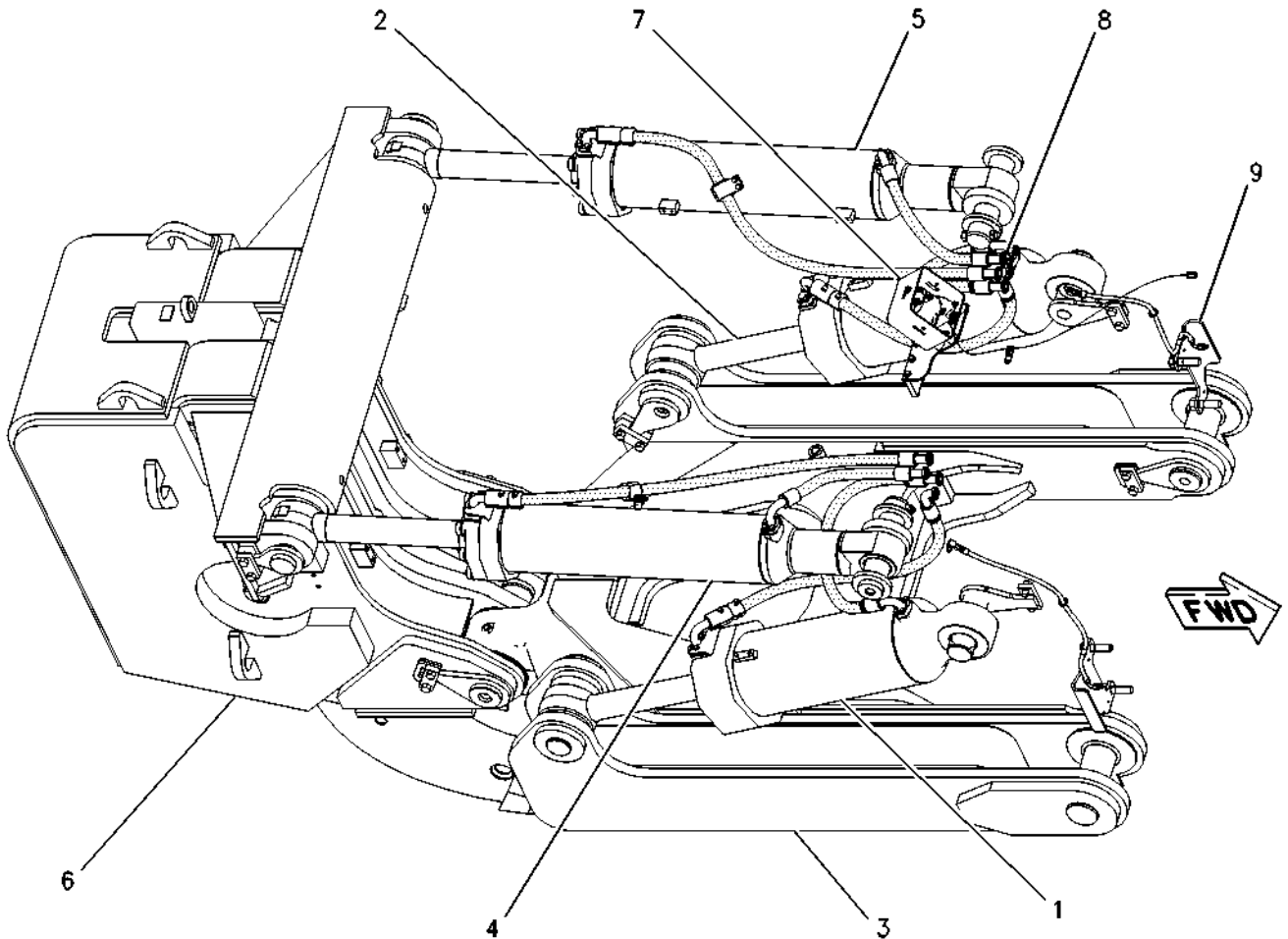
i02029224

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	101-8581	1	CYLINDER GP-RIPPER (RH)	694
Y	2	1	101-8614	1	CYLINDER GP-RIPPER (LH)	698
Y	3	1	127-1032	1	FRAME GP-RIPPER	969
Y	4	1	130-3263	1	CYLINDER GP-RIPPER TILT (RH)	713
Y	5	1	130-6381	1	CYLINDER GP-RIPPER TILT (LH)	717
Y	6	1	130-6463	1	RIPPER GP	984
Y	7	1	131-2141	1	LIGHTING GP-RIPPER	325
Y	8	1	141-8376	1	LINES GP-RIPPER	795
CY	9	1	160-0982	1	LINES GP-GREASE	931
FY	1		5P-1807	1	PLATE & FILM GP	1172

C-CHANGE FROM PREVIOUS TYPE

F-NOT SHOWN

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00662652

WORK TOOLS

149-4919 RIPPER AR-MULTI-SHANK

S/N: 7YP1-UP

MULTI-SHANK WITH DEEP SHANK & PIN PULLER

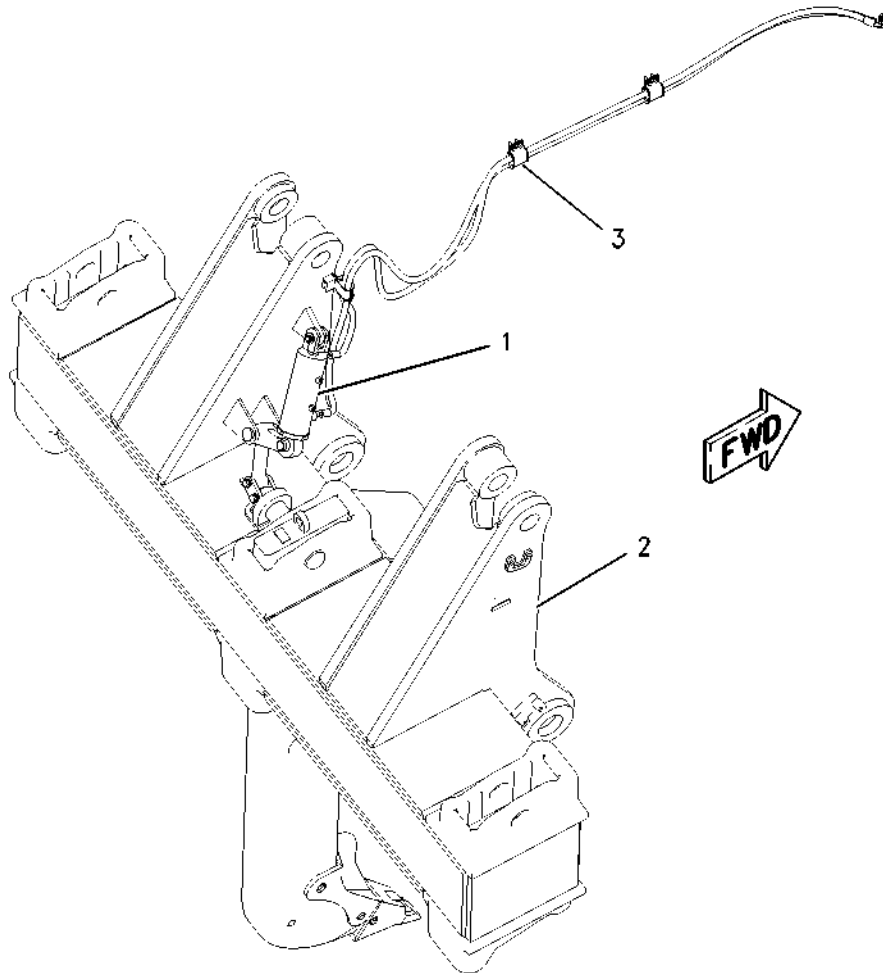
FOR USE WITH 130-6458-PAGE 978

AN ATTACHMENT

SMCS-6310

i01232372

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	4Z-8842	1	PULLER GP-PIN						935
Y	2	1	149-4920	1	RIPPER GP						985
Y	3	1	149-4922	1	LINES GP-PIN PULLER CYLINDER						761
F		1	122-8611	1	FILM-INSTRUCTION						
F-NOT SHOWN											
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00659538

WORK TOOLS

161-2420 RIPPER AR—MULTI-SHANK

S/N: 7ZP1-UP

DEEP RIP MULTI-SHANK WITH LEACH PAD RIPPER & PIN PILLER
AN ATTACHMENT

SMCS-6310

i01092199

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	161-6615	1	CYLINDER GP-RIPPER (RH)						702
Y	161-6616	1	CYLINDER GP-RIPPER (LH)						706
Y	161-7562	1	CYLINDER GP-RIPPER TILT (RH)						721
Y	161-7563	1	CYLINDER GP-RIPPER TILT (LH)						723
Y	161-2419	1	FRAME GP-RIPPER						973
Y	145-0900	1	GUARD GP-TRANSMISSION						533
Y	131-2141	1	LIGHTING GP-RIPPER						325
Y	160-0982	1	LINES GP-GREASE						931
Y	161-2411	1	LINES GP-RIPPER						796
Y	5P-1807	1	PLATE & FILM GP						1172
Y	163-0813	1	PULLER AR-PIN						934
Y	161-2418	1	RIPPER GP						986
Y-SEPARATE ILLUSTRATION									

<END>

WORK TOOLS

130-5349 RIPPER GP-SINGLE SHANK

S/N: 7CP1-UP

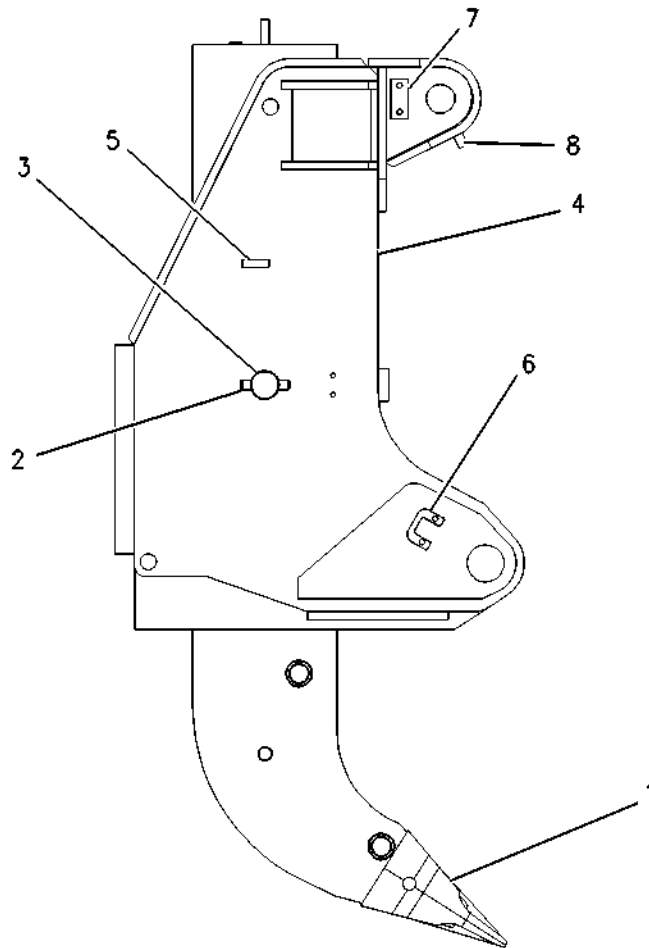
PART OF 127-1031 RIPPER AR
AN ATTACHMENT

SMCS-6310, 6325

i01239779

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	8E-1467	1	TOOTH GP-RIPPER						989
	2	1	102-9062	2	PIN AS-G.E.T.						
					(EACH INCLUDES)						
		1	102-9073	1	SPRING						
	3	1	109-2690	1	PIN-G.E.T.						
	4	1	130-5351	1	CARRIAGE AS						
	5	1	8P-9770	1	PLATE						
	6	1	2J-1227	2	RETAINER						
	7	1	3J-6035	2	RETAINER						
	8	1	9V-8427	1	BAR						

Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g00664958

WORK TOOLS

130-6460 RIPPER GP—MULTI-SHANK

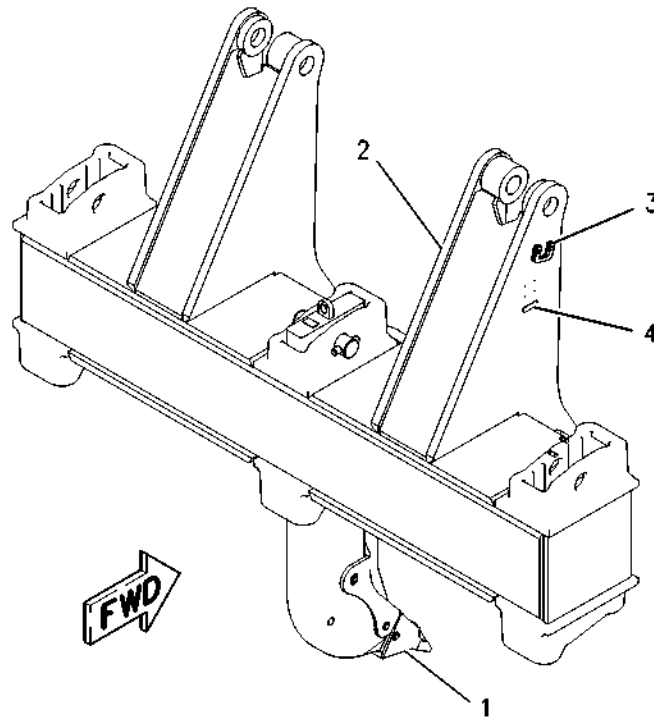
S/N: 7DP1-UP

PART OF 130-6458 RIPPER AR
AN ATTACHMENT

SMCS-6310, 6325

i01024748

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	6Y-5615	1	TOOTH GP-RIPPER						988
	2	1	130-6461	1	BEAM AS						
		1	3G-1877	2	RETAINER						
		1	3G-5340	3	BLOCK						
		1	3G-5341	3	BLOCK						
	3	1	2J-1227	2	RETAINER						
	4	1	8P-9770	1	PLATE						
	Y-SEPARATE ILLUSTRATION										



GRAPHIC #1

<END>

g00526757

WORK TOOLS

130-6463 RIPPER GP-SINGLE SHANK

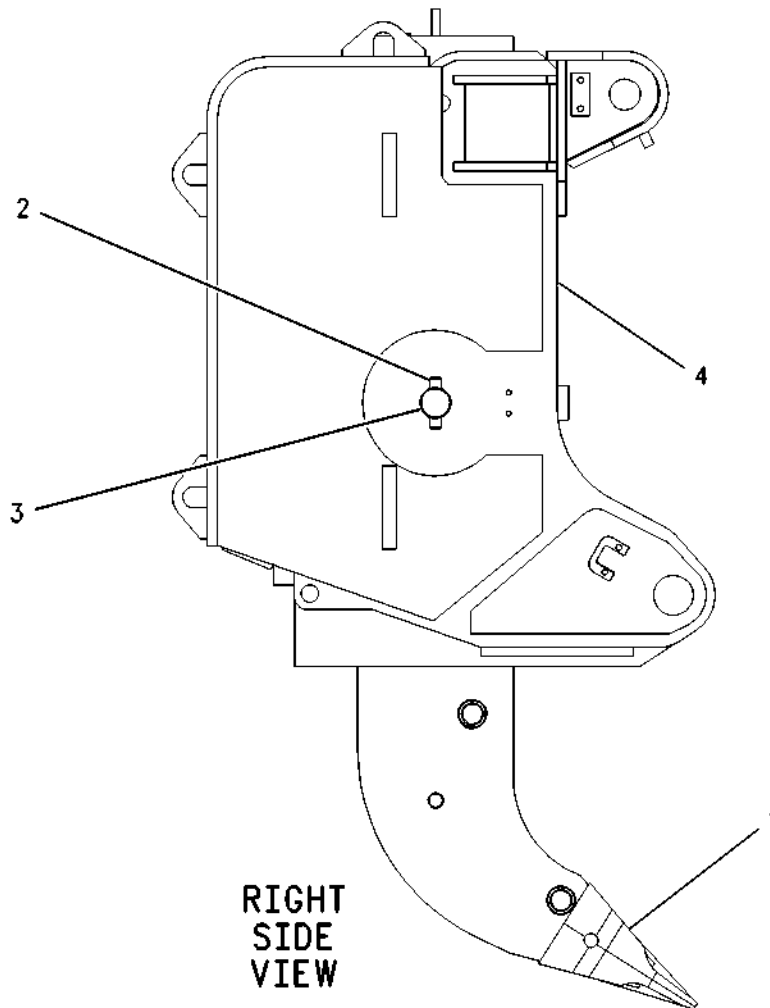
S/N: 5MP1-UP

PART OF 130-6462 RIPPER AR
AN ATTACHMENT

SMCS-6310, 6325

i01238499

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	8E-1467	1	TOOTH GP-RIPPER						989
	2	1	102-9062	2	PIN AS-G.E.T.						
					(EACH INCLUDES)						
		1	102-9073	1	SPRING						
	3	1	109-2690	1	PIN-G.E.T.						
	4	1	130-6464	1	CARRIAGE AS						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00662657

WORK TOOLS

149-4920 RIPPER GP—MULTI-SHANK

S/N: 7YP1-UP

DEEP RIP MULTISHANK WITH PIN PULLER

PART OF 149-4919 RIPPER AR

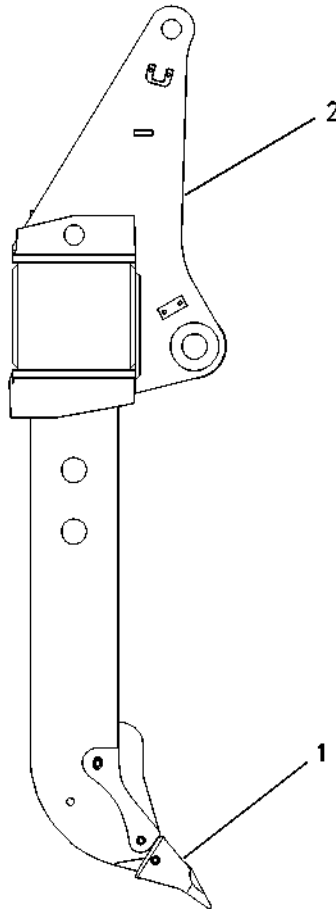
AN ATTACHMENT

SMCS-6310, 6325

i01232408

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	4Z-8848	1	TOOTH GP-RIPPER	987
Y	2	1	149-4921	1	BEAM AS	917

Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00659534

WORK TOOLS

161-2418 RIPPER GP—MULTI-SHANK

S/N: 7ZP1-UP

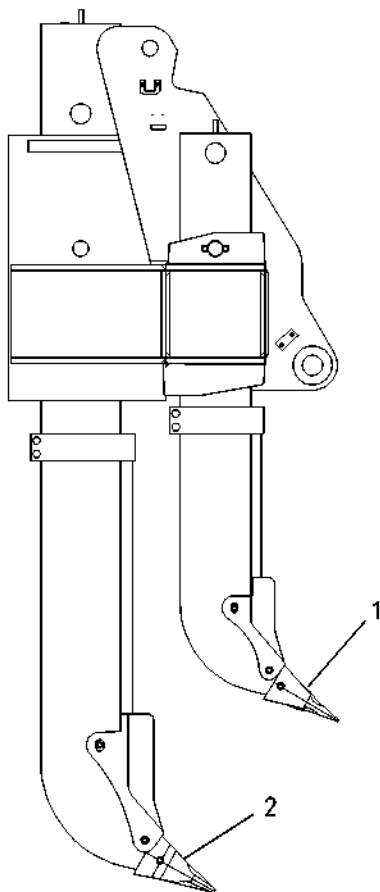
PART OF 161-2420 RIPPER AR
AN ATTACHMENT

SMCS-6310, 6325

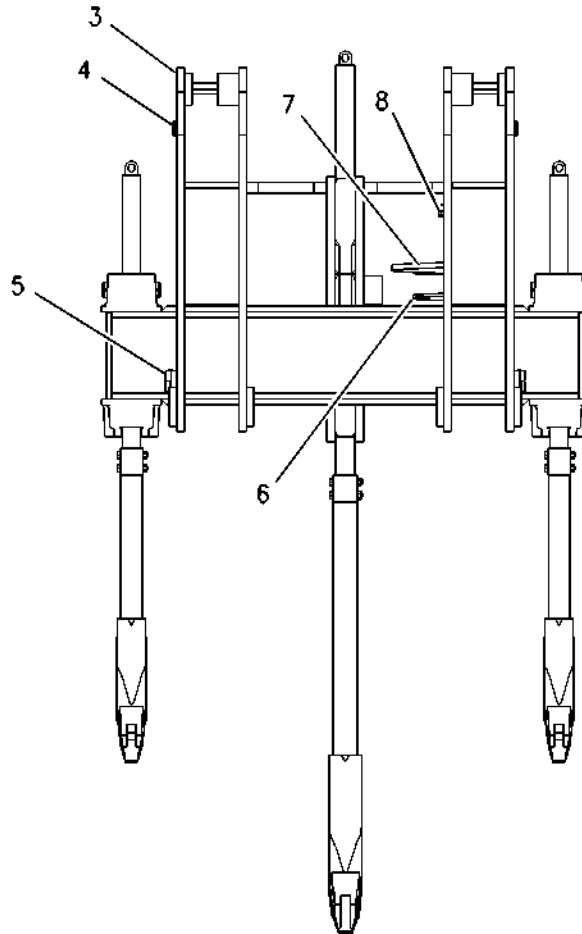
i01000607

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	150-8988	2	TOOTH GP-RIPPER	991
Y	2	1	150-8989	1	TOOTH GP-RIPPER	991
	3	1	161-2415	1	CARRIAGE AS	
	4	1	2J-1227	2	RETAINER	
	5	1	3G-1877	2	RETAINER	
	6	1	4Z-8840	2	BRACKET	
	7	1	4Z-9339	1	PLATE	
	8	1	9V-8427	1	BAR	

Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW



FRONT VIEW

GRAPHIC #1

<END>

g00519555

WORK TOOLS

4Z-8848 TOOTH GP-RIPPER—MULTI-SHANK

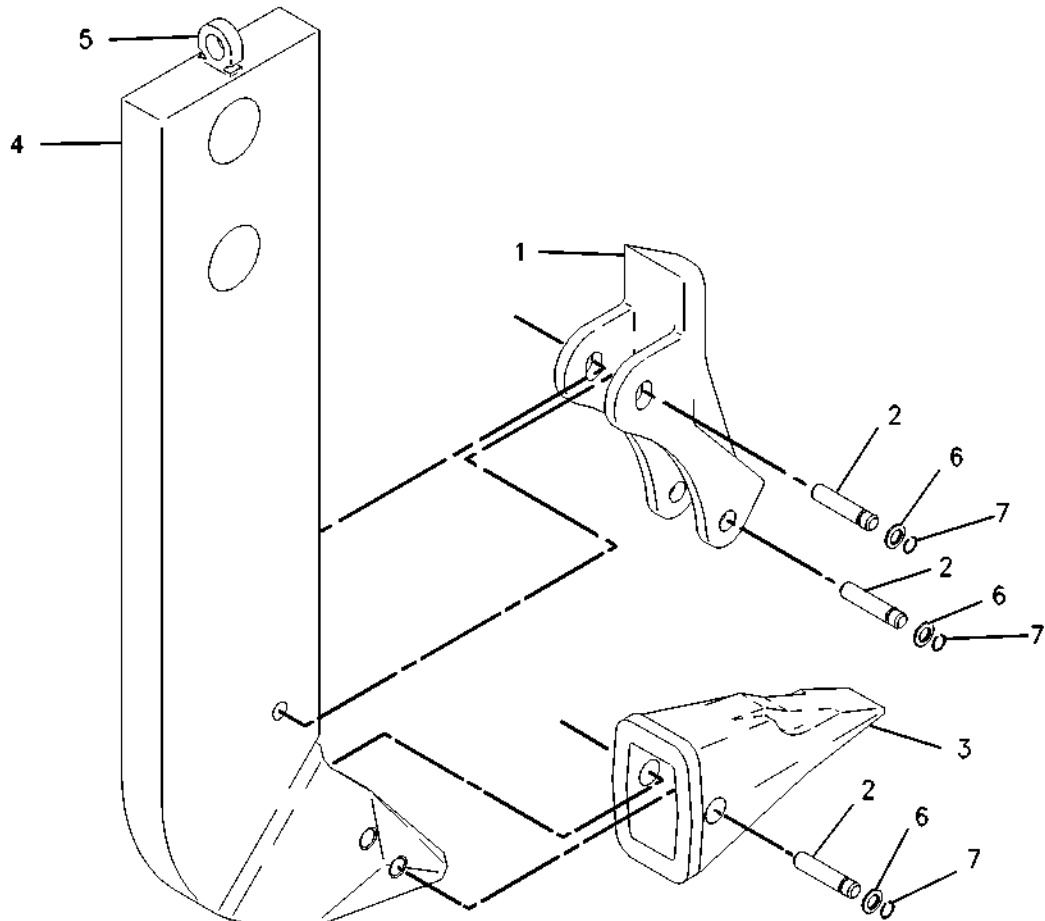
S/N: 7YP1-UP

PART OF 149-4920 RIPPER GP
AN ATTACHMENT

SMCS-6808, 6810

i01095406

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6Y-8960	1	PROTECTOR						
	2	1	6Y-1204	3	PIN-G.E.T.						
	3	1	4T-5501	1	TIP-RIPPER						
	4	1	4Z-8849	1	SHANK AS						
	5	1	3G-5596	1	LUG						
	6	1	6Y-1202	3	RETAINER AS						
					(EACH INCLUDES)						
	7	1	7M-9107	1	LOCKRING						



GRAPHIC #1

<END>

g00575056

WORK TOOLS

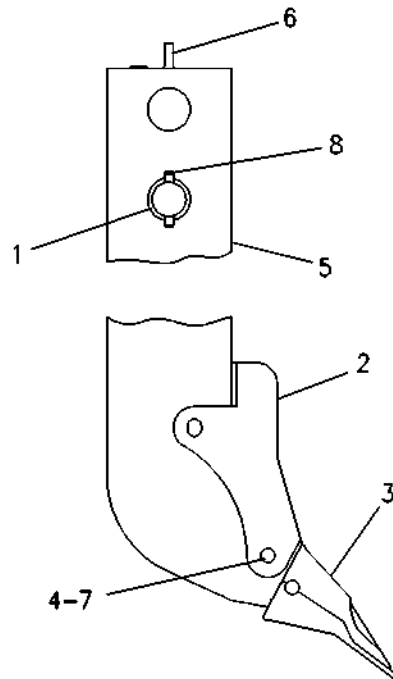
6Y-5615 TOOTH GP-RIPPER—MULTI-SHANK

S/N: 7DP1-UP; 7PZ1-UP
 PART OF 130-6460 RIPPER GP
 FOR USE WITH 130-6458—PAGE 978
 AN ATTACHMENT

SMCS-6808, 6810

i01707693

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3G-6509	1	PIN						
	2	1	6Y-8960	1	PROTECTOR						
	3	1	4T-5501	1	TIP-RIPPER						
C	4	1	6Y-1204	3	PIN-G.E.T.						
C	5	1	8E-8413	1	SHANK AS-RIPPER						
	6	1	3G-5596	1	LUG						
C	7	1	6Y-1202	3	RETAINER AS						
					(EACH INCLUDES)						
		1	7M-9107	1	RING-LOCK						
C	8	1	102-9062	2	PIN AS-G.E.T.						
					(EACH INCLUDES)						
		1	102-9073	1	SPRING						
C-CHANGE FROM PREVIOUS TYPE											



GRAPHIC #1

<END>

g00258144

WORK TOOLS

8E - 1467 TOOTH GP-RIPPER-SINGLE SHANK

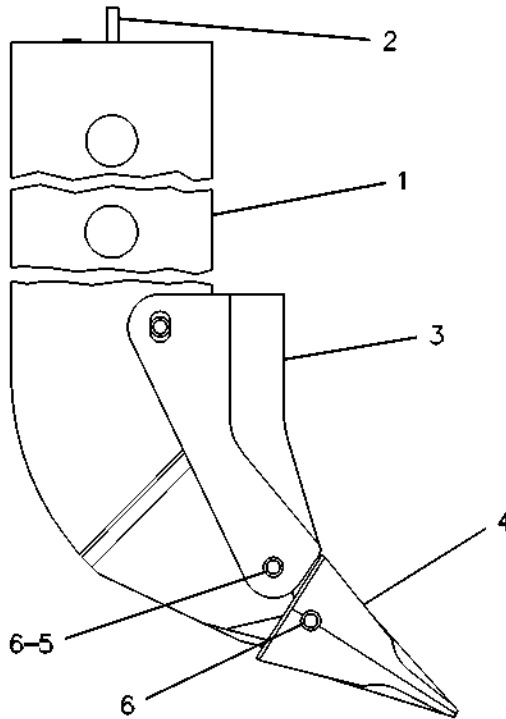
S/N: 5MP1-UP; 7CP1-UP

PART OF 130-5349, 130-6463 RIPPER GP
AN ATTACHMENT

SMCS-6808, 6810

i01707694

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	104-9277	1	SHANK AS-RIPPER						
	2	1	3G-5596	1	LUG						
	3	1	9N-4621	1	PROTECTOR						
	4	1	9W-4551	1	TIP-RIPPER						
	5	1	6Y-1205	3	RETAINER AS						
					(EACH INCLUDES)						
		1	5H-4907	1	RING-RETAINING						
	6	1	9N-4245	3	PIN-G.E.T.						



GRAPHIC #1

<END>

g00214896

WORK TOOLS

8E-7464 TOOTH GP-RIPPER-SINGLE SHANK

S/N: 7PZ1-UP

DEEP RIP

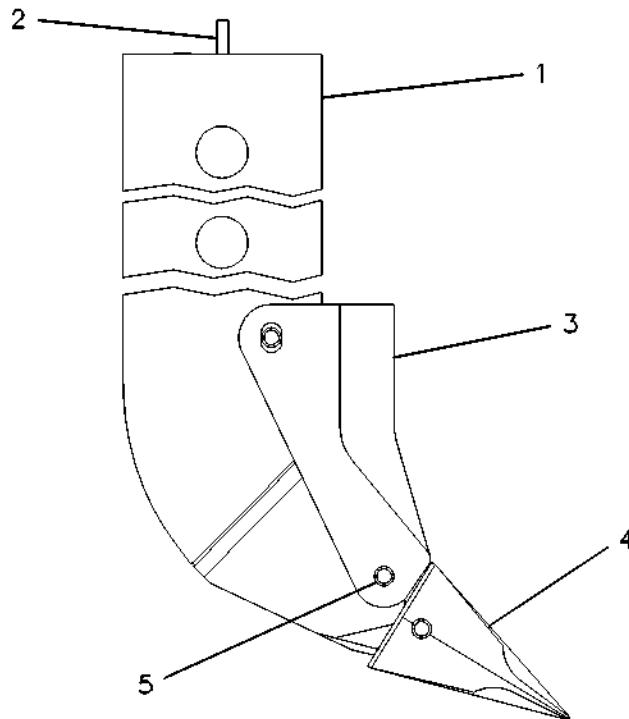
FOR USE WITH 127-1031-PAGE 977

AN ATTACHMENT

SMCS-6808, 6810

i01707722

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	104-9275	1	SHANK AS-RIPPER						
	2	1	3G-5596	1	LUG						
	3	1	9N-4621	1	PROTECTOR						
	4	1	9W-4551	1	TIP-RIPPER						
	5	1	6Y-1205	3	RETAINER AS						
					(EACH INCLUDES)						
		1	5H-4907	1	RING-RETAINING						
		1	9N-4245	3	PIN-G.E.T.						



GRAPHIC #1

<END>

g00218936

WORK TOOLS

150-8988 TOOTH GP-RIPPER—MULTI-SHANK

S/N: 7ZP1-UP

WITH EXTENDED RIPPER PROTECTOR

PART OF 161-2418 RIPPER GP

AN ATTACHMENT

SMCS-6808, 6810

i00876230

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	109-9071	1	BAR-PROTECTOR						
	9F-6936	2	BOLT (1-8X6IN)						
	109-9067	1	CLAMP-PROTECTOR						
	2J-3507	2	NUT-FULL (1-8 THD)						
	3G-6509	1	PIN						
	102-9062	2	PIN AS-G.E.T. (EACH INCLUDES)						
	102-9073	1	SPRING						
	6Y-1204	3	PIN-G.E.T.						
	109-9062	1	PROTECTOR						
	6Y-1202	3	RETAINER AS (EACH INCLUDES)						
	7M-9107	1	LOCKRING						
	4Z-9314	1	SHANK AS-RIPPER						
	3G-5596	1	LUG						
	132-1003	2	SPACER (95MM WIDE)						
	4T-4502	1	TIP-RIPPER						
<END>									

150-8989 TOOTH GP-RIPPER—MULTI-SHANK

S/N: 7ZP1-UP

WITH EXTENDED RIPPER PROTECTOR

PART OF 161-2418 RIPPER GP

AN ATTACHMENT

SMCS-6808, 6810

i00856252

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	109-9076	1	BAR-PROTECTOR						
	5B-5473	2	BOLT (1-8X6.5IN)						
	109-9072	1	CLAMP-PROTECTOR						
	2J-3507	2	NUT-FULL (1-8 THD)						
	9N-4245	3	PIN-G.E.T.						
	109-9063	1	PROTECTOR						
	6Y-1205	3	RETAINER AS						
			(EACH INCLUDES)						
	5H-4907	1	RING-RETAINING						
	4Z-9312	1	SHANK AS-RIPPER						
	3G-5596	1	LUG						
	132-1004	2	SPACER (105MM WIDE)						
	9W-4551	1	TIP-RIPPER						
<END>									

OPERATOR STATION

173-1028 ADJUSTER GP-SEAT

S/N: 7PZ392-UP

PART OF 180-7304, 180-7306 SEAT GP

ALSO AN ATTACHMENT

TYPE 1

SMCS-7321

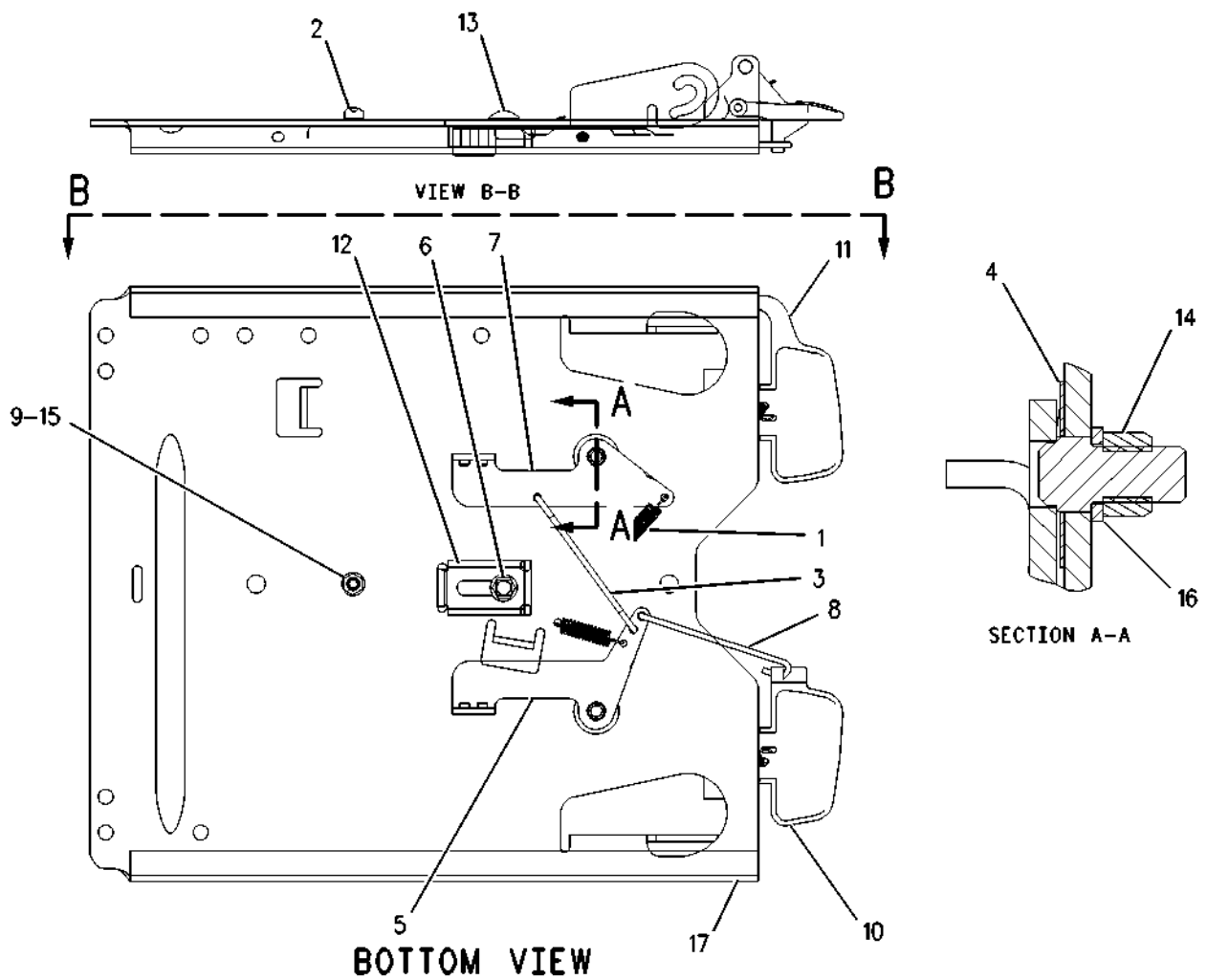
i01635944

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4V-8256	4	SPRING						
	2	1	117-4486	1	ANCHOR						
	3	1	117-4492	1	ROD						
	4	1	132-0338	2	WASHER-PLASTIC (13X31.7X.8MM THK)						
	5	1	136-1544	1	LATCH AS-LH						
	6	1	143-1288	1	LOCKNUT-FLANGE (3/8-16 THD)						
	7	1	156-5545	1	LATCH AS-RH						
	8	1	164-4531	1	ROD						
	9	1	9M-1974	1	WASHER-HARD (8.8X16X2MM THK)						
	10	1	170-1114	1	HANDLE (SLIDE ADJUSTMENT)						
	11	1	170-1115	1	HANDLE (TILT ADJUSTMENT)						
	12	1	172-4001	1	BRACKET						
	13	1	1D-4675	1	BOLT-CARRIAGE (3/8-16X0.75 IN)						
	14	1	2K-4973	2	LOCKNUT (3/8-16 THD)						
	15	1	7L-8170	1	NUT-FULL (5/16-18 THD)						
	16	1	7X-0608	2	WASHER-HARD (10.2X16X2.0MM THK)						
	17	1	170-1112	1	PLATE AS						

OPERATOR STATION

173-1028 ADJUSTER GP-SEAT (contd.)

i01635944



GRAPHIC #1

<END>

g00686297

OPERATOR STATION

173-1028 ADJUSTER GP-SEAT

S/N: 7PZ392-UP

PART OF 180-7304, 180-7306 SEAT GP

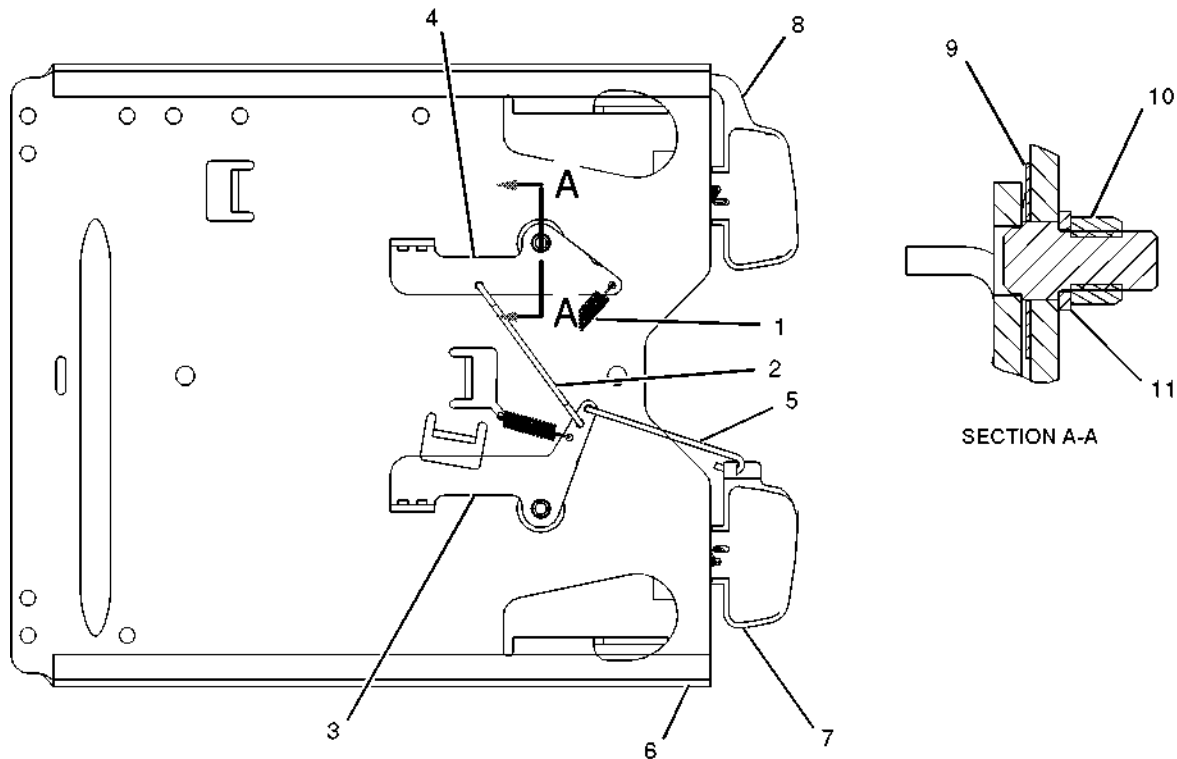
ALSO AN ATTACHMENT

TYPE 2

SMCS-7321

i02011756

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4V-8256	4	SPRING						
	2	1	117-4492	1	ROD						
	3	1	136-1544	1	LATCH AS-LH						
	4	1	156-5545	1	LATCH AS-RH						
	5	1	164-4531	1	ROD						
	6	1	170-1112	1	PLATE AS						
	7	1	170-1114	1	HANDLE (SLIDE ADJUSTMENT)						
	8	1	170-1115	1	HANDLE (TILT ADJUSTMENT)						
	9	1	132-0338	2	WASHER-PLASTIC (13X31.7X.8MM THK)						
	10	1	2K-4973	2	LOCKNUT (3/8-16 THD)						
	11	1	7X-0608	2	WASHER-HARD (10.2X16X2.0MM THK)						



BOTTOM VIEW

<END>

GRAPHIC #1

g01040300

OPERATOR STATION

237-3970 AIR COMPRESSOR GP-SEAT

S/N: 7PZ615-UP

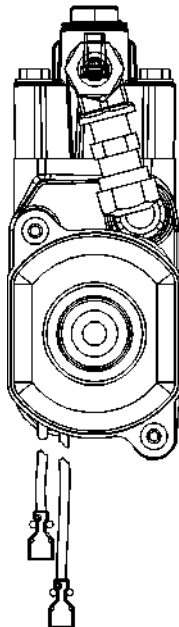
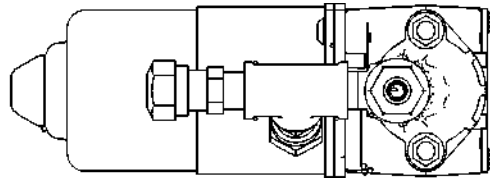
PART OF 191-2933 SUSPENSION GP-SEAT
FIELD REPLACEMENT ORDER 214-0783—PAGE 1054
AN ATTACHMENT

SMCS-731S, 7324

i02012095

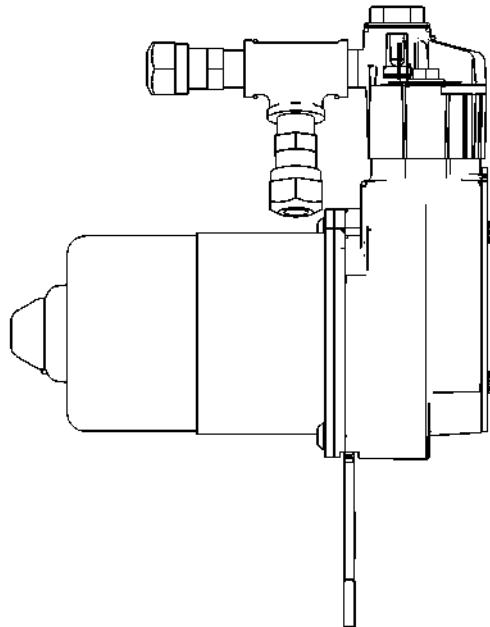
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	

(NO SERVICED PARTS)



GRAPHIC #1

<END>



g01040576

OPERATOR STATION

145-8006 AIR CONDITIONER AR

S/N: 7PZ1-UP

R134A REFRIGERANT

REPLACED BY 208-9099-PAGE 996

AN ATTACHMENT

SMCS-7320

i01989068

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	127-9138	1	AIR CONDITIONER GP						997
Y	141-7105	1	COMPRESSOR GP-REFRIGERANT						1016
Y	4W-1319	1	CONDENSER GP-REFRIGERANT						1018
Y	145-8734	1	LINES GP-AIR CONDITIONER						1057
			110-6393						1
			PLATE-INSTRUCTION (AIR CONDITIONER)						
			(ON LH SIDE OF DASH WHERE IT CAN BE SEEN THROUGH CAB DOOR)						
Y-SEPARATE ILLUSTRATION									
			<END>						

208-9099 AIR CONDITIONER AR

S/N: 7PZ1-UP

R134A REFRIGERANT

AN ATTACHMENT

SMCS-7320

i01615017

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	127-9138	1	AIR CONDITIONER GP						997
Y	141-7105	1	COMPRESSOR GP-REFRIGERANT						1016
Y	4W-1319	1	CONDENSER GP-REFRIGERANT						1018
Y	145-8734	1	LINES GP-AIR CONDITIONER						1057
	110-6393	1	PLATE-INSTRUCTION (AIR CONDITIONER)						
			INSTALL ON LH SIDE OF DASH SO IT CAN BE SEEN THROUGH CAB DOOR						
Y-SEPARATE ILLUSTRATION									
<END>									

OPERATOR STATION

127-9138 AIR CONDITIONER GP

S/N: 7PZ1-UP

ELECTRONIC WATER VALVE

PART OF 145-8006, 208-9099 AIR CONDITIONER AR
AN ATTACHMENT

SMCS-7320

i01989512

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	1	1	136-1953		HOSE (47.5CM)	
E	2	1	136-1953		HOSE (30.5CM)	
	3	1	3B-4501	2	LOCKWASHER	
	4	1	3E-0400	2	BLOWER AS	
	5	1	3E-5464	1	SWITCH AS-TEMPERATURE (A/C)	
	6	1	3E-6392	1	MOTOR AS-FAN (A/C)	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)	
		1	8T-8729	2	PIN-CONNECTOR	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	9X-9013	1	KIT-BRUSH (A/C FAN MOTOR)	
					(INCLUDES BRUSH AS & PLUG)	
C	7	1	3S-2093	4	STRAP-CABLE	
M	8	1	5C-9553	31	BOLT (M6X1X16MM)	
	9	1	5P-4115	14	WASHER-HARD (7.2X19X2MM THK)	
	10	1	5P-6670	1	FILM-INSTRUCTION (WATER IN/WATER OUT) (A/C)	
	11	1	6V-1668	2	WASHER (6.5X29.1X3MM THK)	
E	12	1	136-1953		HOSE (8CM)	
	13	1	6T-6708	2	WASHER (7X28.6X4.1MM THK)	
	14	1	4P-7581	1	CLIP	
	15	1	8C-3756	1	FILM-IDENTIFICATION (GROUP & SEQUENCE NO.) (A/C)	
	16	1	8C-4586	2	CLAMP	
M	17	1	8C-8451	1	BOLT (M6X1X40MM)	
	18	1	8P-5141	2	PLATE-ORIFICE	
	19	1	9X-2488	6	CLAMP-HOSE	
	20	1	8T-4205	32	WASHER-HARD (7.2X14.5X2MM THK)	
	21	1	8T-6631	2	SCREW-MACHINE (8-32X0.5 IN)	
C	22	1	125-9740	1	RESISTOR	
	23	1	5V-1474	4	SCREW-FORMING (10-16X0.625 IN)	
M	24	1	9X-8498	1	BOLT (M6X1.0X180MM)	
	25	1	091-8792	2	CLIP	
	26	1	149-8218	1	CONTROL AS-BOARD	
		1	8T-8737	2	PLUG-SEAL	
		1	9W-0844	5	SOCKET-CONNECTION	
		1	9W-0852	5	PIN-CONNECTOR	
		1	102-8810	1	KIT-CONNECTING PLUG (6-PIN)	
					(INCLUDES PLUG AS, WEDGE & SEAL-INTERFACE)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
M	27	1	129-3178	16	LOCKNUT (M6X1 THD)	
	28	1	149-8199	1	VALVE AS-WATER	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	29	1	130-9214	1	GASKET	
	30	1	130-9215	1	GASKET	
	31	1	130-9216	1	GASKET	
	32	1	130-9218	1	GASKET	
	33	1	130-9219	1	GASKET	
	34	1	130-9220	1	GASKET	
	35	1	130-9221	1	GASKET	
C	36	1	172-9291	1	HARNESS AS (A/C BLOWER MOTOR)	
C	37	1	172-9292	1	HARNESS AS (A/C WATER VALVE CONTROL)	
	38	1	130-9224	1	COIL AS-HEATER	
	39	1	130-9225	1	COIL AS-EVAPORATOR	

OPERATOR STATION

127-9138 AIR CONDITIONER GP (contd.)

i01989512

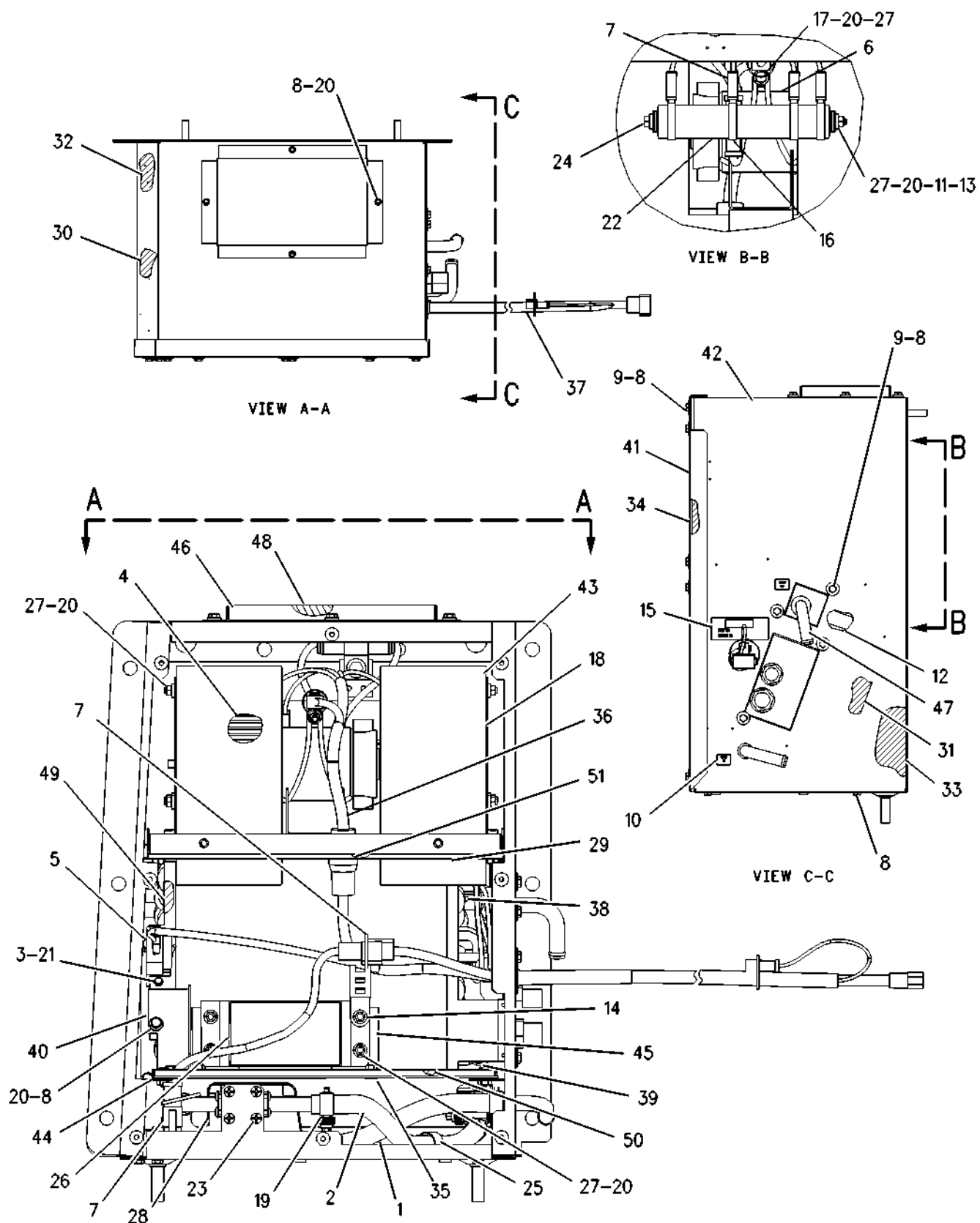
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	40	1	130-9226	1	BRACKET	
	41	1	130-9227	1	COVER	
	42	1	130-9228	1	CASE AS	
		1	6T-6686	2	PIN	
M		1	6V-9632	15	NUT-WELD (M6X1 THD)	
		1	7T-1099	1	LINK	
	43	1	130-9233	1	HOUSING AS	
M		1	6V-9632	2	NUT-WELD (M6X1 THD)	
	44	1	130-9234	1	PAN AS-HEATER	
	45	1	131-0545	1	PLATE AS	
	46	1	131-2441	1	COVER	
	47	1	131-5354	1	TUBE AS	
	48	1	132-3871	1	GASKET	
BD	49	1	5P-5673		SEAL	
BD	50	1	5P-5969		SEAL	
	51	1	132-5793	4	SCREW-WASHER HD (4-40X0.25 IN)	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
M-METRIC PART

OPERATOR STATION

127-9138 AIR CONDITIONER GP (contd.)

i01989512



GRAPHIC #1

<END>

g00653685

OPERATOR STATION

127-9138 AIR CONDITIONER GP

S/N: 7PZ718-UP

ELECTRONIC WATER VALVE

PART OF 145-8006, 208-9099 AIR CONDITIONER AR, 237-9334 AIR CONDITIONER GP

ALSO AN ATTACHMENT

SMCS-7320

i01834430

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
BD	1	1	5P-5908		SEAL	
	2	1	3B-4501	2	LOCKWASHER	
	3	1	3E-0400	2	WHEEL-BLOWER	
	4	1	3E-5464	1	SWITCH AS-THERMOSTAT (A/C)	
	5	1	3S-2093	5	STRAP-CABLE	
M	6	1	5C-9553	31	BOLT (M6X1X16MM)	
	7	1	5P-4115	14	WASHER-HARD (7.2X19X2MM THK)	
	8	1	5P-6670	1	FILM-INSTRUCTION (WATER IN/WATER OUT) (A/C)	
	9	1	5V-1474	4	SCREW-FORMING (10-16X0.625 IN)	
	10	1	6T-6708	2	WASHER (7X28.6X4.1MM THK)	
	11	1	6V-1668	2	WASHER (6.5X29.1X3MM THK)	
	12	1	8C-3756	1	FILM-IDENTIFICATION (GROUP & SEQUENCE NO.) (A/C)	
	13	1	8C-4586	2	CLAMP	
	14	1	8P-5141	2	PLATE-ORIFICE	
	15	1	8T-4205	32	WASHER-HARD (7.2X14.5X2MM THK)	
C	16	1	8T-6631	2	SCREW-MACHINE (8-32X0.5 IN)	
	17	1	9X-2488	6	CLAMP-HOSE	
	18	1	9X-8498	1	BOLT (M6X1.0X180MM)	
M	19	1	091-8792	2	CLIP	
	20	1	125-9740	1	RESISTOR	
	21	1	129-3178	16	LOCKNUT (M6X1 THD)	
M	22	1	130-9214	1	GASKET	
	23	1	130-9215	1	GASKET	
	24	1	130-9216	1	GASKET	
	25	1	130-9218	1	GASKET	
	26	1	130-9219	1	GASKET	
	27	1	130-9220	1	GASKET	
	28	1	130-9221	1	GASKET	
	29	1	130-9224	1	COIL AS-HEATER	
	30	1	130-9225	1	COIL AS-EVAPORATOR	
		1	2H-3922	1	LOCKWASHER	
		1	2H-3923	1	LOCKWASHER	
		1	7F-2050	1	LOCKNUT (3/4-16 THD)	
		1	7F-2060	1	LOCKNUT (7/8-14 THD)	
	31	1	130-9226	1	BRACKET	
	32	1	130-9227	1	COVER	
	33	1	130-9228	1	CASE AS	
		1	6T-6686	2	PIN	
		1	6V-9632	15	NUT-WELD (M6X1 THD)	
		1	7T-1099	1	LINK	
	34	1	130-9233	1	HOUSING AS	
M		1	6V-9632	2	NUT-WELD (M6X1 THD)	
	35	1	130-9234	1	PAN AS-HEATER	
M		1	6V-9632	1	NUT-WELD (M6X1 THD)	
	36	1	131-0545	1	PLATE AS	
M		1	6V-9632	1	NUT-WELD (M6X1 THD)	
	37	1	131-2441	1	COVER	
	38	1	131-5354	1	TUBE AS	
	39	1	132-3871	1	GASKET	
	40	1	132-5793	4	SCREW-WASHER HD (4-40X0.25 IN)	
	41	1	149-8218	1	CONTROL AS-BOARD	
	42	1	172-9291	1	HARNESS AS (A/C BLOWER MOTOR)	
	43	1	172-9292	1	HARNESS AS (A/C WATER VALVE CONTROL)	
	44	1	174-1494	1	MOTOR GP-ELECTRIC (27 VOLT) (A/C)	

OPERATOR STATION

127-9138 AIR CONDITIONER GP (contd.)

i01834430

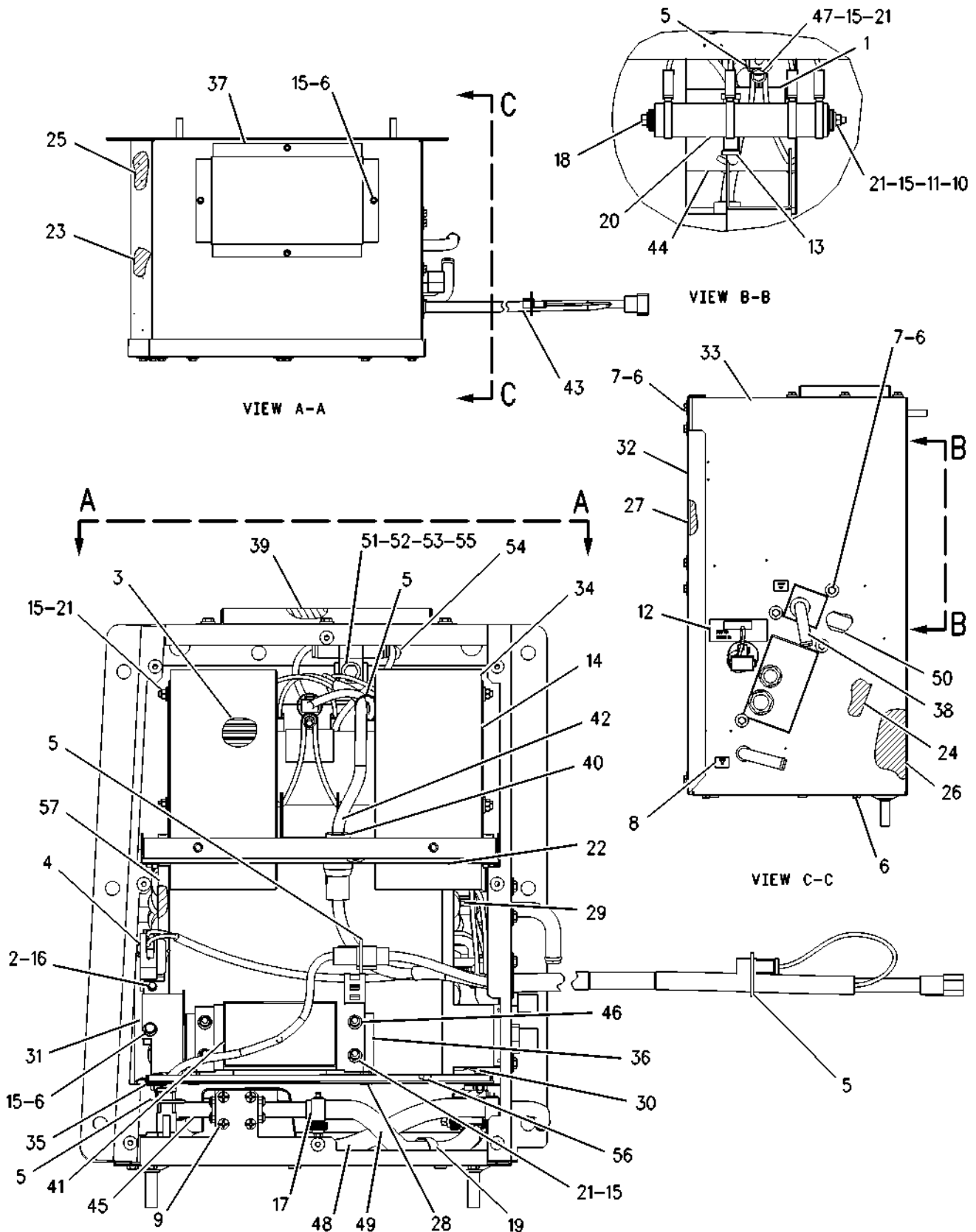
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
		1	9W-0852	2	PIN-CONNECTOR						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
45		1	210-7291	1	VALVE AS (WATER)						
		1	8T-8737	1	PLUG-SEAL						
		1	9W-0852	5	PIN-CONNECTOR						
		1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	46	1	4P-7581	1	CLIP						
M	47	1	6V-7728	1	BOLT (M6X1.0X45MM)						
E	48	1	136-1953		HOSE (30CM)						
E	49	1	136-1953		HOSE (47CM)						
E	50	1	136-1953		HOSE (8CM)						
M	51	1	8T-4189	1	BOLT (M8X1.25X20MM)						
	52	1	4S-1962	1	CLIP						
M	53	1	3T-0852	1	LOCKNUT (M8)						
	54	1	133-6036	1	RECTIFIER AS						
	55	1	5P-4116	2	WASHER-HARD (8.8X20.5X2MM THK)						
BD	56	1	5P-5673		SEAL						
BD	57	1	5P-5939		SEAL						

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
M-METRIC PART

OPERATOR STATION

127-9138 AIR CONDITIONER GP (contd.)

i01834430



GRAPHIC #1

<END>

g00862509

OPERATOR STATION

237-9334 AIR CONDITIONER GP

S/N: 7PZ718-UP

PART OF 157-3738 CAB AR

SMCS-7320

i01989513

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2P-4339	1	NUT-JAM (7/16-20 THD)	
	2	1	5P-5454	1	ASHTRAY	
	3	1	5P-5824	1	HOLDER-ASH TRAY	
	4	1	6T-6329	1	BEZEL-ROCKER SWITCH	
	5	1	6V-8927	2	BOLT-SOCKET HEAD (6-32X0.5 IN)	
	6	1	7T-1890	1	FILTER-AIR (CAB) (STANDARD)	
	7	1	8E-1356	2	KNOB AS (DOOR) (EACH INCLUDES)	
		1	8T-7566	1	PIN-SPRING	
	8	1	8E-3250	1	GASKET	
	9	1	8E-5959	1	SEAL	
	10	1	8E-5975	1	GASKET	
	11	1	8E-9253	1	GASKET	
	12	1	8T-7566	2	PIN-SPRING	
	13	1	8Y-6388	8	LOUVER AS	
	14	1	107-0266	1	FILTER-CAB AIR (STANDARD)	
	15	1	110-6109	2	KNOB-CONTROL (FAN SPEED & TEMP CONTROL)	
	16	1	114-5985	1	PLATE AS	
		1	2R-2376	2	WASHER (7X16X.8MM THK)	
		1	6P-6926	2	SCREW-KNURLED	
	17	1	116-2589	1	PLATE	
	18	1	116-2590	1	SEAL	
	19	1	116-3119	1	PLATE	
	20	1	127-4540	1	POTENTIOMETER AS	
		1	3S-2093	1	STRAP-CABLE	
		1	9W-0852	3	PIN-CONNECTOR	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
Y	21	1	127-9138	1	AIR CONDITIONER GP	997
	22	1	130-4846	1	WIRE AS	
	23	1	133-5082	1	DUCT-AIR	
	24	1	134-3992	1	DOOR AS	
	25	1	134-3993	2	PLATE AS	
	26	1	144-3579	1	DUCT-AIR	
	27	1	156-8180	1	FILM-PANEL (TEMPERATURE CONTROL)	
	28	1	157-1361	1	SWITCH AS (ROTARY) (FAN SPEED CONTROL)	
		1	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)	
		1	9W-0852	6	PIN-CONNECTOR	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	29	1	030-8535	3	BOLT-LOCKING (3/8-16X0.875 IN)	
	30	1	104-2091	16	SCREW-FLAT HEAD (6-20X0.5 IN)	
	31	1	1M-4543	1	GROMMET	
	32	1	2H-3920	1	LOCKWASHER	
	33	1	4L-6454	8	BOLT (3/8-16X1 IN)	
	34	1	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)	
	35	1	6B-2882	5	SPACER (.406X.75X.312 IN THK)	
	36	1	6J-0488	3	SCREW-BUTTON HEAD (3/8-16X0.875 IN)	
	37	1	6K-4936	5	BOLT-LOCKING (3/8-16X0.625 IN)	
	38	1	6T-3990	1	SWITCH AS-ROCKER (AIR CONDITIONER ON/OFF)	
	39	1	6V-3884	2	SCREW-HEX SOCKET (1/4-20X0.5 IN)	
	40	1	7X-0575	2	WASHER-HARD (10.2X22.5X5MM THK)	
	41	1	7X-0772	8	WASHER-HARD (10.2X25.5X2.5MM THK)	
M	42	1	8T-4171	3	BOLT (M6X1X12MM)	
	43	1	9X-8256	3	WASHER (6.6X12X2MM THK)	
D	44	1	5P-5643		SEAL	

OPERATOR STATION

237-9334 AIR CONDITIONER GP (contd.)

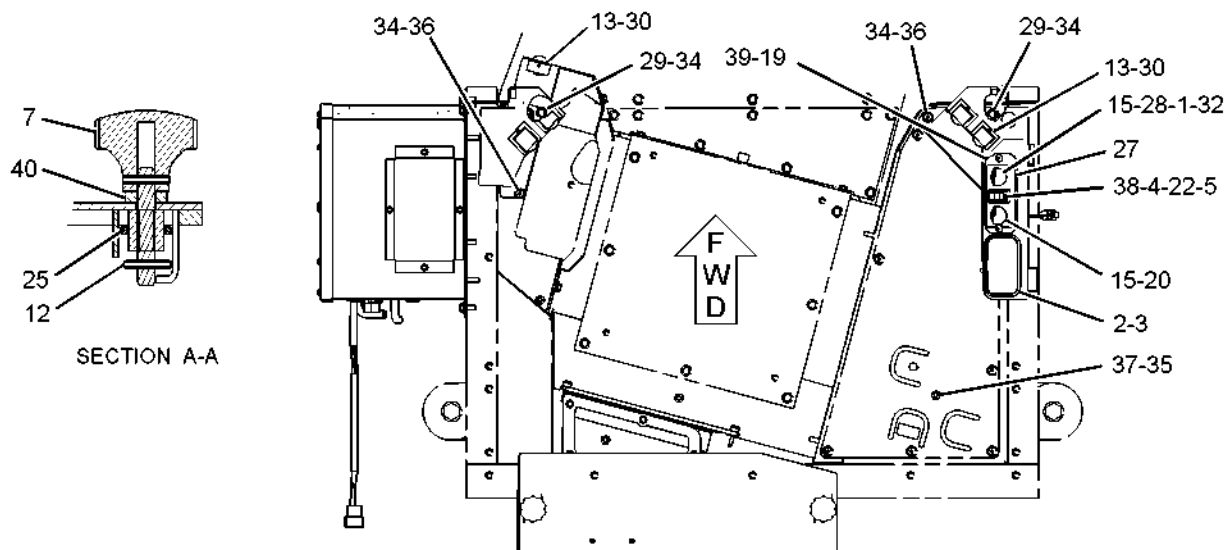
i01989513

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
D	45		5P-5755		SEAL						
D-ORDER BY THE METER											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

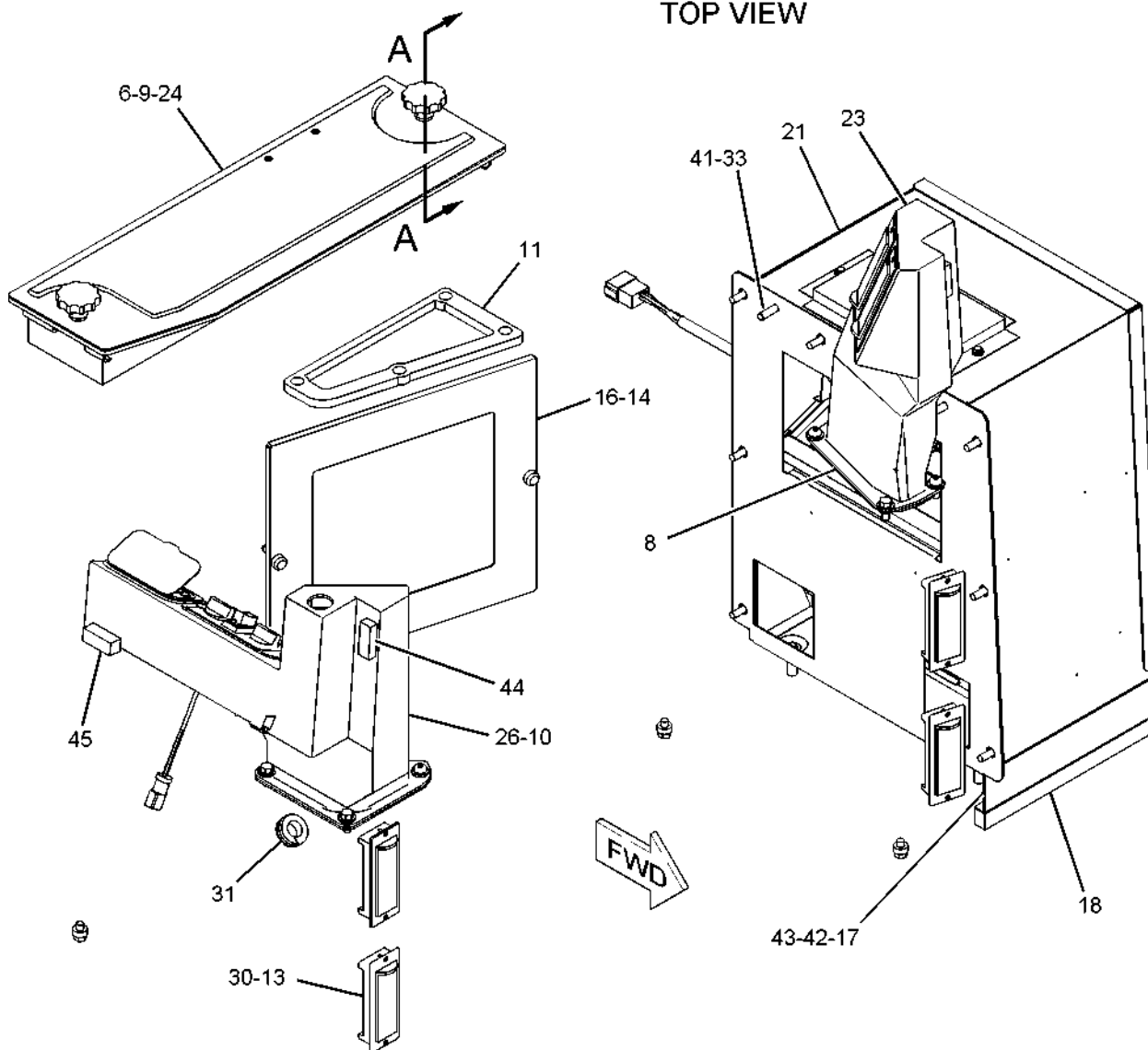
OPERATOR STATION

237-9334 AIR CONDITIONER GP (contd.)

i01989513



TOP VIEW



GRAPHIC #1

<END>

g01026683

OPERATOR STATION

157-3738 CAB AR

S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

SMCS-7301

i01963653

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	102-3456	1	TANK GP-WINDOW WASHER						1137
			S/N: 7PZ1-357						
Y	186-5899	1	TANK GP-WINDOW WASHER						1140
			S/N: 7PZ358-UP						
Y	157-4817	1	CAB AR						1006
Y	157-2151	1	HEATER GP-CAB						1039
			S/N: 7PZ1-717						
Y	237-9334	1	AIR CONDITIONER GP						1003
			S/N: 7PZ718-UP						
Y	130-6177	1	LINES GP-HEATER						1064
Y	117-1852	1	MOUNTING GP-CAB						1075
Y	4W-1319	1	CONDENSER GP-REFRIGERANT						1018
			S/N: 7PZ718-UP						
Y	145-8734	1	LINES GP-AIR CONDITIONER						1057
			S/N: 7PZ718-UP						

Y-SEPARATE ILLUSTRATION

<END>

157-4817 CAB AR

S/N: 7PZ1-UP

PART OF 157-3738, 201-0704 CAB AR

ALSO AN ATTACHMENT

SMCS-7301

i01083926

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	157-3737	1	CAB GP						1011
Y	8E-3284	1	INSTALLATION GP-RADIO						1048
Y	8E-3270	1	LINER GP-CAB						1056
Y	6Y-3712	1	MIRROR GP-REAR VIEW						1067
Y	157-3736	1	WASHER GP-WINDOW						1141
Y	157-3735	1	WIPER GP-WINDOW						1162

Y-SEPARATE ILLUSTRATION

<END>

OPERATOR STATION

197-7504 CAB AR

S/N: 7PZ1-UP

AN ATTACHMENT

SMCS-7301

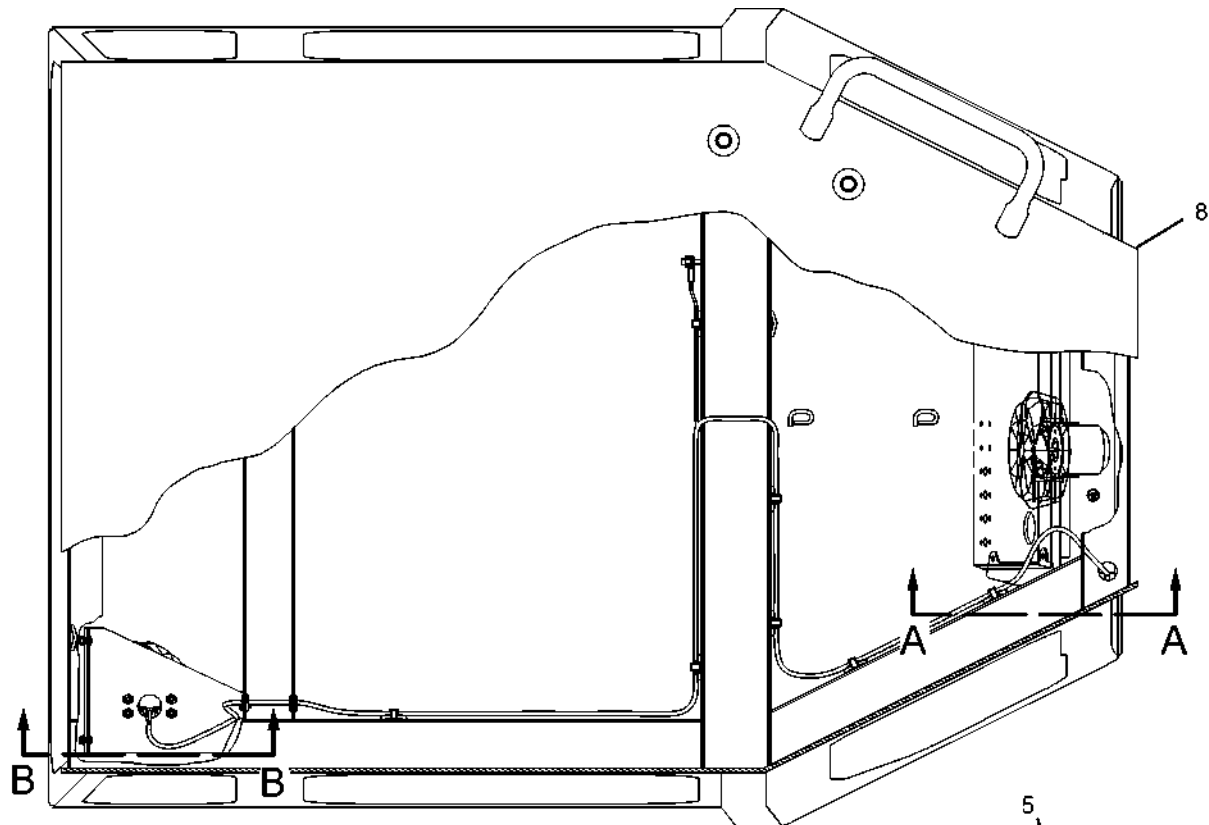
i01967625

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	232-1307	1	COVER	
	2	1	232-1306	1	PLATE AS	
		1	9F-6445	2	NUT-WELD (1/4-24 THD)	
	3	1	8T-4224	8	WASHER-HARD (8.8X16X2MM THK)	
	4	1	5K-0906	8	BOLT (5/16-18X0.63 IN)	
Y	5	1	3E-7835	2	FAN GP-DEFROSTER	1031
	6	1	7K-1181	1	STRAP-CABLE	
	7	1	1Q-3800	1	WIRE AS	
Y	8	1	<i>201-0704</i>	1	CAB AR	1009
	9	1	9D-3768	1	GROMMET	
Y-SEPARATE ILLUSTRATION						

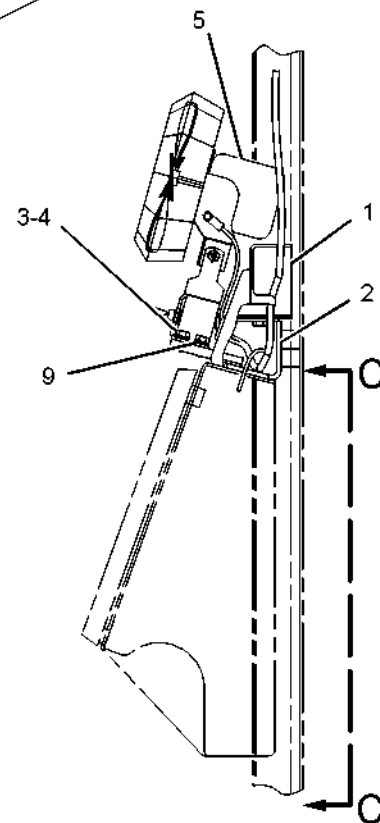
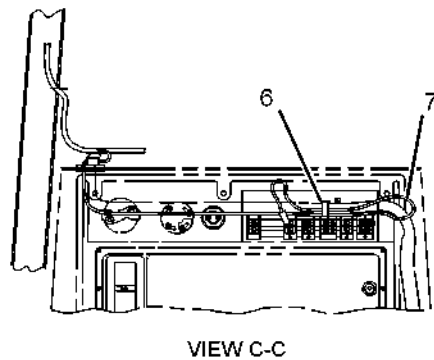
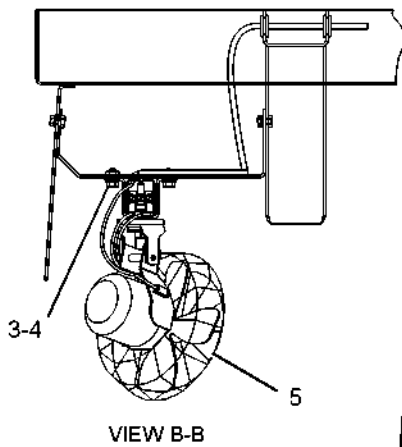
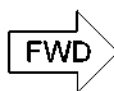
OPERATOR STATION

197-7504 CAB AR (contd.)

i01967625



TOP VIEW



SECTION A-A

GRAPHIC #1

<END>

g01021796

OPERATOR STATION

201-0704 CAB AR

S/N: 7PZ1-UP

PART OF 197-7504 CAB AR
AN ATTACHMENT

SMCS-7301

i01606647

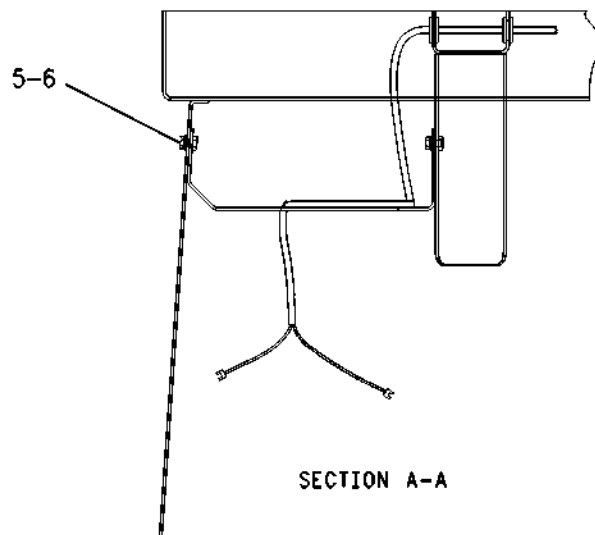
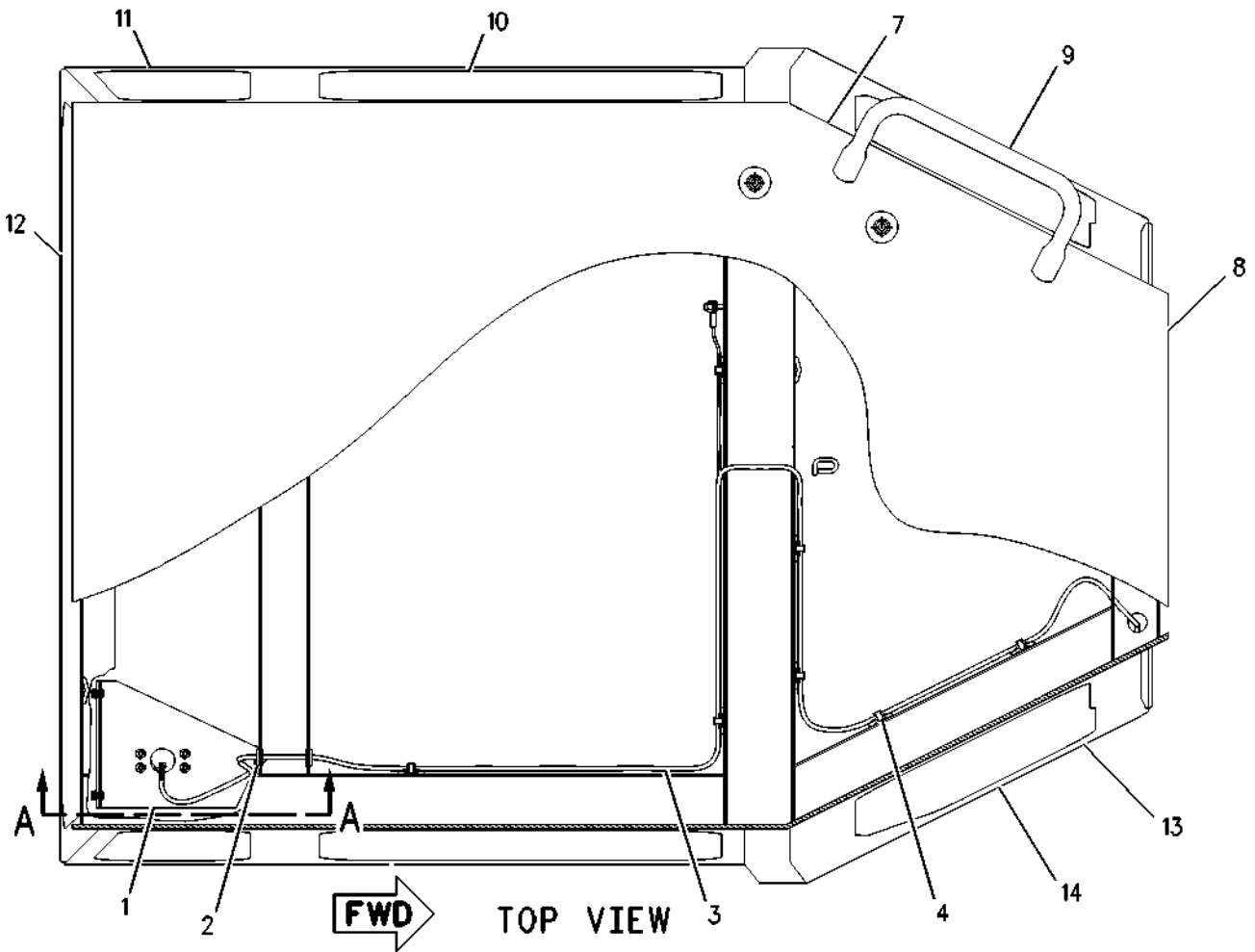
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1Q-3760	1	BRACKET AS						
		1	4K-9097	4	NUT-WELD (5/16-18 THD)						
		1	9F-6445	2	NUT-WELD (1/4-20 THD)						
	2	1	9D-3768	2	GROMMET						
	3	1	1Q-3765	1	HARNESS AS						
	4	1	7K-1181	7	STRAP-CABLE						
	5	1	8T-4205	3	WASHER-HARD (7.2X14.5X2MM THK)						
	6	1	5S-7349	3	BOLT (1/4-20X0.5 IN)						
Y	7	1	157-4817	1	CAB AR						1006
	8	1	188-2901	1	GLASS (FRONT)						
	9	1	208-1686	1	GLASS (DOOR LH)						
	10	1	188-2903	2	GLASS (SIDE)						
	11	1	188-2904	2	GLASS (SIDE)						
	12	1	208-1691	1	GLASS (REAR LG)						
	13	1	191-9292	2	SHIM (22.2X56.7X0.05MM THK)						
	14	1	208-1687	1	GLASS (DOOR RH)						

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

201-0704 CAB AR (contd.)

i01606647



GRAPHIC #1

<END>

g00838849

OPERATOR STATION

157-3737 CAB GP

S/N: 7PZ1-UP

PART OF 157-4817 CAB AR

ALSO AN ATTACHMENT

SMCS-7301

i02024029

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	2	3E-6389	1	LAMP GP-DOME (24-VOLT, WITH SWITCH)	306
	2	1	3H-6660	4	PIN-SPRING	
	3	1	5P-7803	2	PLUG-BUTTON	
	4	2	6V-2331	2	HANDLE AS	
	5	2	6V-2375	2	HANDLE AS-INSIDE	
	6	2	6V-3260	8	BOLT-SOCKET HEAD (1/4-20X0.75-IN)	
	7	2	6V-7190	2	LEVER AS	
					(EACH INCLUDES)	
		2	6V-8129	2	SETSCREW-SOCKET	
	8	2	6V-7636	4	PIN AS-SPRING	
	9	2	6V-8073	2	LINK-CONNECTING	
	10	2	6V-8928	1	HOOK-COAT	
	11	1	6Y-3682	2	HANDHOLD	
	12	1	6Y-3732	1	BRACKET (RH)	
	13	1	7G-2454	1	GLASS (TINTED) (CAB-FRONT-FIXED)	
	14	1	7T-0601	2	GLASS (TINTED) (CAB DOORS-FIXED)	
	15	1	8C-3442	2	SPRING-COIL	
	16	1	8E-2685	1	BRACKET (LH)	
Y	17	1	8E-5113	1	WINDOW AS-SLIDING (RH)	1144
Y	18	1	8E-5114	1	WINDOW AS-SLIDING (LH)	1144
	19	1	8E-5922	2	LATCH	
	20	2	8E-5926	1	BRACKET AS (LH)	
	21	1	8E-5931	2	ROD	
	22	2	8E-5932	1	DOOR AS (RH)	
	23	2	8E-5933	1	DOOR AS (LH)	
					(EACH DOOR AS INCLUDES)	
		2	7B-2564	2	LUG	
		2	7G-7630	1	PLATE	
		2	7T-0597	1	HINGE	
		2	9F-6445	2	NUT-WELD (1/4-24-THD)	
		2	9G-5742	2	BOSS (3/8-16-THD)	
B	24	2	8T-0318	10	SHIM (0.8-MM THK)	
	25	2	8T-1979	1	LINKAGE AS (LH)	
	26	2	8T-1980	1	LINKAGE AS (RH)	
					(EACH LINKAGE AS INCLUDES)	
J		2	5P-8503	1	LOCK AS-CYLINDER	
		2	8T-8914	1	SEAL-LINKAGE	
	28	2	8T-3848	2	STRIKER AS-LATCH	
					(EACH INCLUDES)	
		2	6V-4270	1	LOCKWASHER	
	29	2	8T-9048	1	LATCH AS-DOOR (LH)	
	30	2	8T-9049	1	LATCH AS-DOOR (RH)	
Y	31	1	8Y-6456	1	WINDOW GP-CAB (REAR-SLIDING)	1156
	32	1	9M-5884	2	BUMPER	
	33	1	9P-0575	2	GLASS (TINTED) (CAB-SIDE-FIXED)	
	34	1	9X-3994	2	PLUG	
	35	2	101-9397	1	COVER (LH)	
	36	2	101-9398	1	COVER (RH)	
	37	2	157-3739	1	CAB AS	
		2	1F-0748	6	NUT-WELD (1/2-13-THD)	
		2	9F-6445	28	NUT-WELD (1/4-24-THD)	
	39	2	214-4100	1	BRACKET AS	
	40	2	2D-6235	8	LOCKNUT (1/4-20-THD)	
	41	1	3K-6235	2	SEAL-LIP TYPE	
	42	2	4L-6454	22	BOLT (3/8-16X1-IN)	

OPERATOR STATION

157-3737 CAB GP (contd.)

i02024029

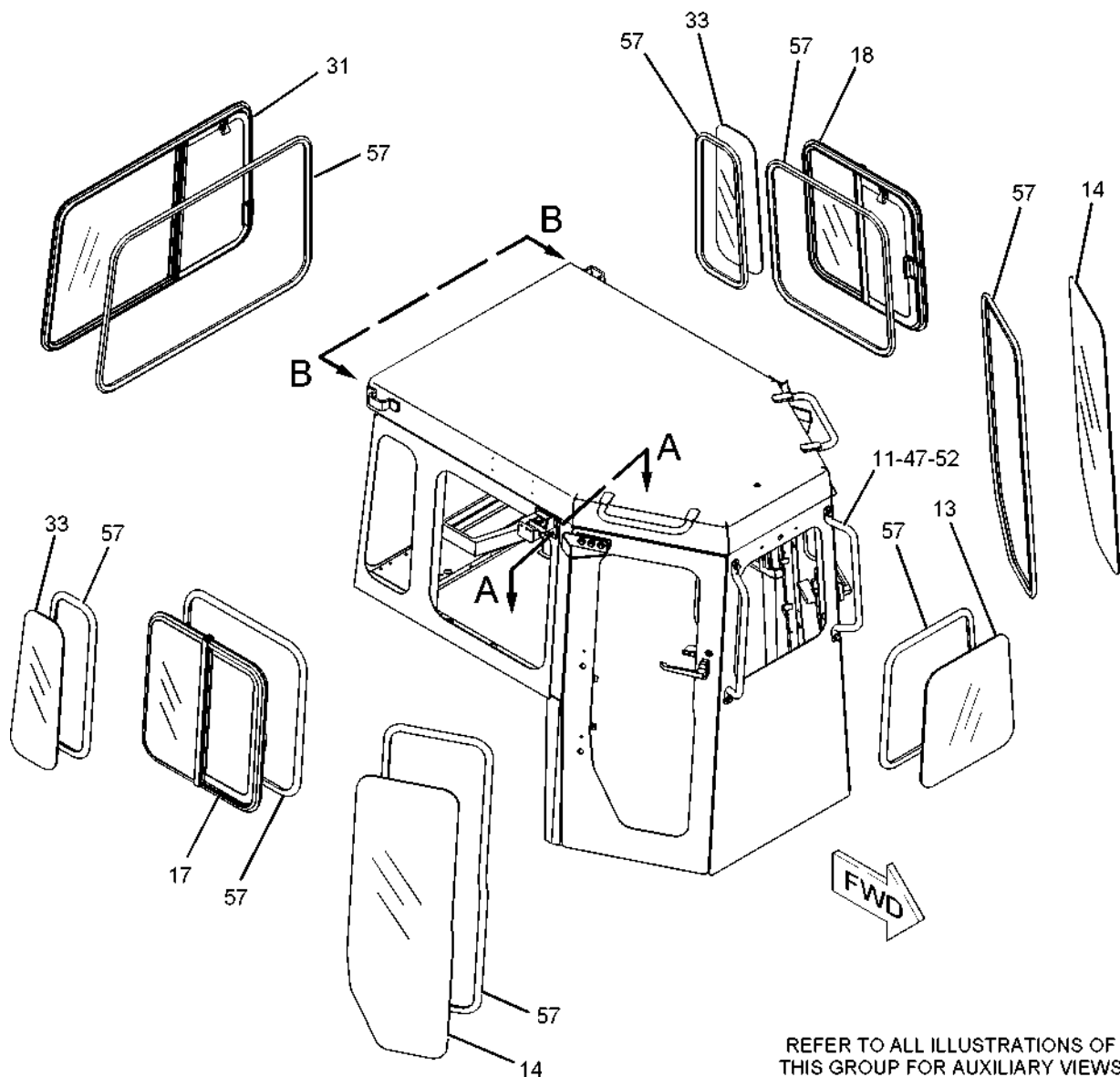
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	43	2	4M-5282	8	BOLT (1/4-20X1.50-IN)	
	44	2	4V-6981	1	SCREW-BUTTON HEAD (1/4-20X0.75-IN)	
	45	1	5M-8500	2	KNOB (DOOR OPEN RELEASE)	
	46	2	5P-1075	16	WASHER-HARD (10.2X22.5X3-MM THK)	
	47	1	5P-2228	4	BOLT (1/2-13X1-IN)	
	48	2	6V-3884	4	SCREW-HEX SOCKET (1/4-20X0.5-IN)	
	49	1	7X-7729	4	WASHER (11X25X3-MM THK)	
	50	1	8T-2501	4	BOLT (3/8-16X2-IN)	
	51	2	8T-2561	6	WASHER-HARD (10.5X28.5X5-MM THK)	
	52	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	53	2	9D-3767	2	PLUG-BUTTON	
	55	2	9S-2437	3	SCREW-TAPPING (10-24X19.05-MM)	
BD	56	2	5P-7211		SEAL	
BD	57	1	5P-6605		SEAL	
BD	58	2	153-2681		SEAL	

B-USE AS REQUIRED
D-ORDER BY THE METER
J-LOCK AS INCLUDES 5P-8500 KEY
Y-SEPARATE ILLUSTRATION

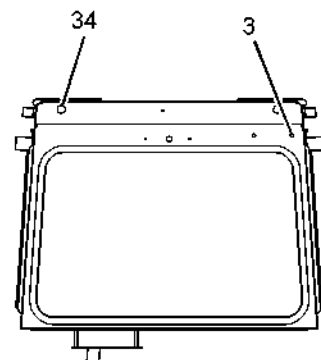
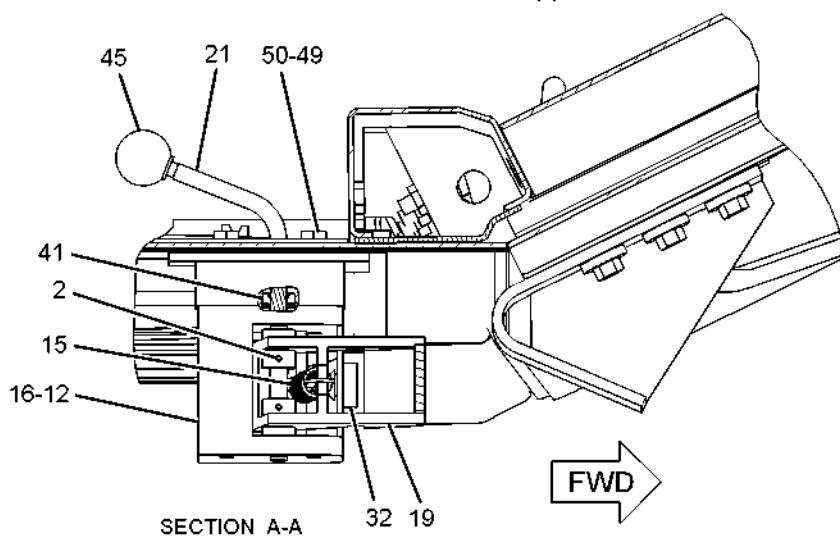
OPERATOR STATION

157-3737 CAB GP (contd.)

i02024029



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #1

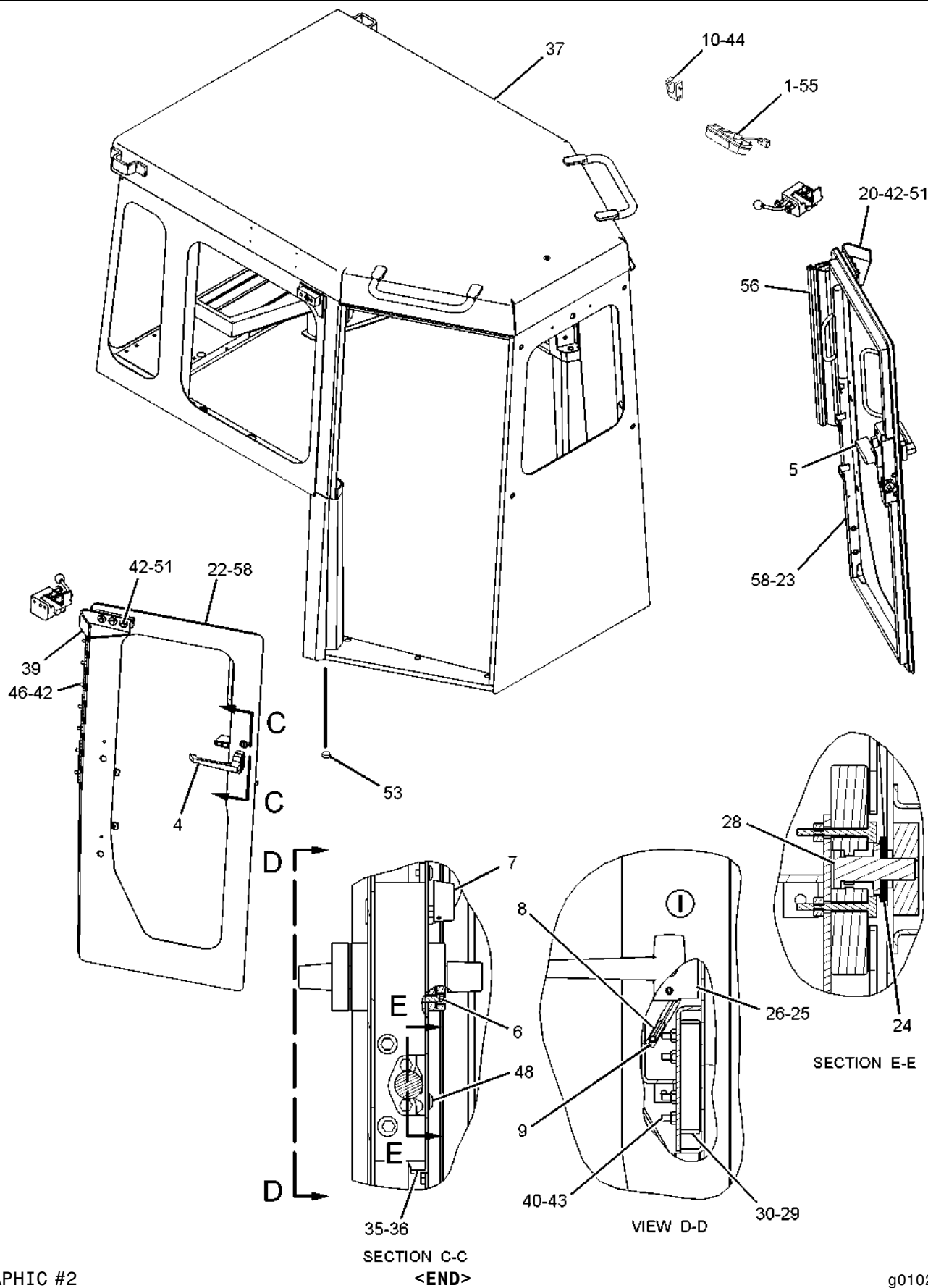
VIEW B-B

g01025848

OPERATOR STATION

157-3737 CAB GP (contd.)

i02024029



GRAPHIC #2

g01025849

OPERATOR STATION

3E-1906 COMPRESSOR GP-REFRIGERANT

S/N: 2GR4544-UP; 7PZ1-UP

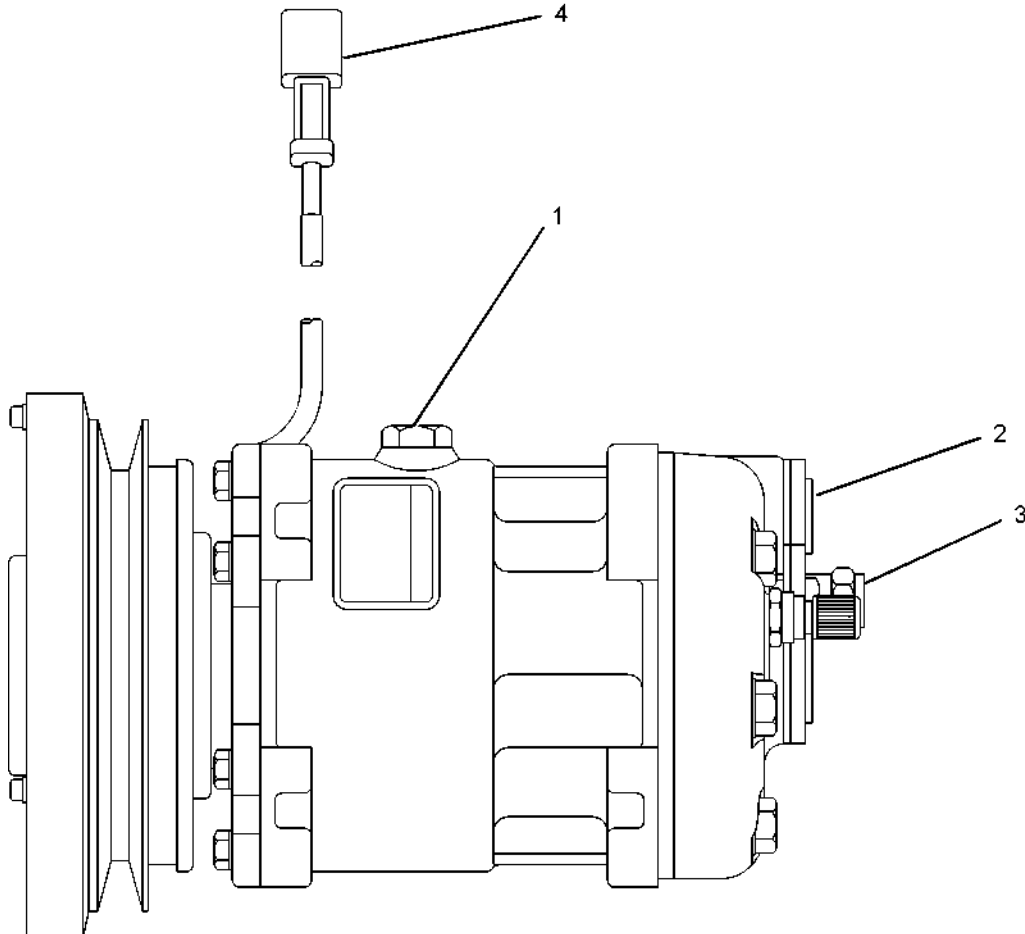
PART OF 141-7105 COMPRESSOR GP-REFRIGERANT
ALSO AN ATTACHMENT

SMCS-1802

i01989081

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	7T-4532	1	PLUG AS						
C	2	1	9X-7385	2	SEAL-O-RING						
	3	1	114-3469	1	VALVE GP-RELIEF (REFRIGERANT COMPRESSOR)						
		1	9X-7378	1	SEAL-O-RING						
	4	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
(INCLUDES RECEPTACLE AS & WEDGE)											

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g01008728

OPERATOR STATION

141-7105 COMPRESSOR GP-REFRIGERANT

S/N: 2GR4544-UP; 7PZ1-UP

PART OF 145-8006, 208-9099 AIR CONDITIONER AR, 155-5556 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1802

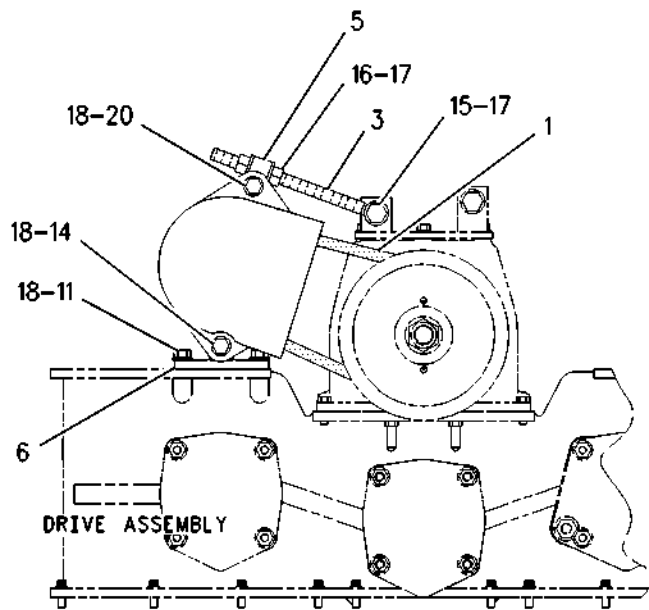
i01834528

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	1P-9744	1	V-BELT (REFRIGERANT COMPRESSOR)						1015
	2	1	3E-1906	1	COMPRESSOR GP-REFRIGERANT						
	3	1	4S-5780	1	ROD						
	4	1	5G-6504	2	LUG						
	5	1	8S-5383	1	BLOCK						
	6	1	105-4283	1	SUPPORT						
	7	1	105-4284	1	PLATE						
	8	1	105-4285	1	PLATE						
	9	1	184-3240	1	GUARD AS						
	10	1	4L-9337	5	BOLT (3/8-16X1.5 IN)						
	11	1	5P-2566	4	BOLT (1/2-13X1.5 IN)						
	12	1	6V-8188	2	NUT (1/2-13 THD)						
	13	1	6V-8801	5	NUT (3/8-16 THD)						
	14	1	7X-0338	1	BOLT (1/2-13X6 IN)						
	15	1	7X-0345	1	BOLT (5/8-11X1.75 IN)						
	16	1	7X-0448	2	NUT (5/8-11 THD)						
	17	1	8T-4122	3	WASHER-HARD (17X32X3.5MM THK)						
	18	1	8T-4223	8	WASHER-HARD (13.5X25.5X3MM THK)						
	19	1	8T-4896	10	WASHER-HARD (10.2X18.5X2.5MM THK)						
	20	1	8T-8920	1	BOLT (1/2-13X3.25 IN)						
Y-SEPARATE ILLUSTRATION											

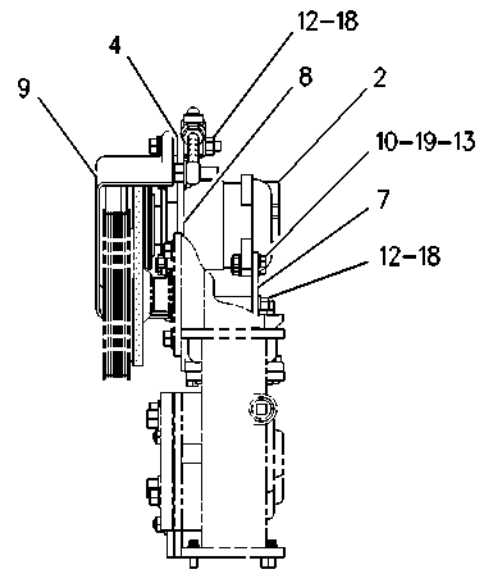
OPERATOR STATION

141-7105 COMPRESSOR GP - REFRIGERANT (contd.)

i01834528



REAR VIEW



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00799276

OPERATOR STATION

4W-1319 CONDENSER GP-REFRIGERANT

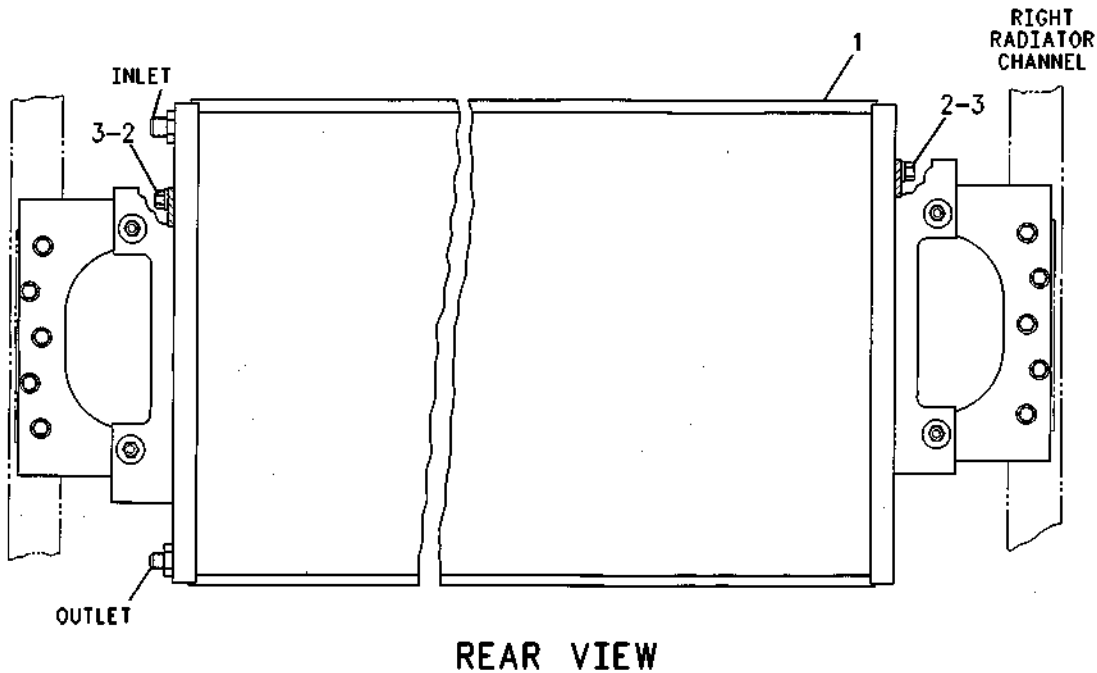
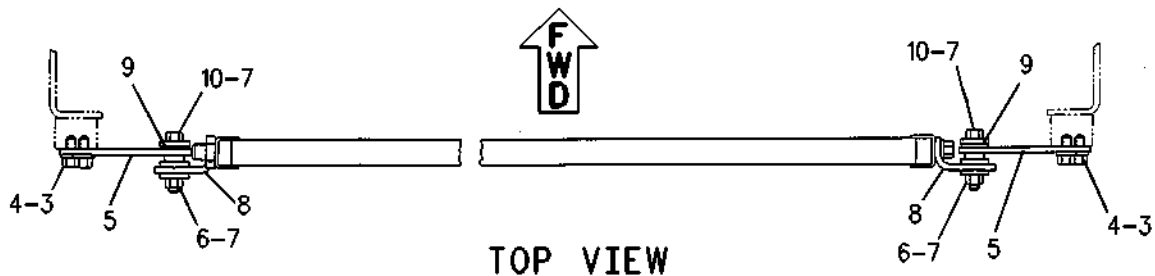
S/N: 7PZ718-UP

PART OF 145-8006, 208-9099 AIR CONDITIONER AR, 157-3738 CAB AR
ALSO AN ATTACHMENT

SMCS-1805

i01426655

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-5112	1	CONDENSER						
	2	1	5M-3062	8	BOLT (3/8-16X.75 IN)						
	3	1	8T-4896	18	WASHER-HARD (10.2X18.5X2.5MM THK)						
	4	1	5S-7379	10	BOLT (3/8-16X0.875 IN)						
	5	1	7W-5371	2	PLATE						
	6	1	6V-8801	4	NUT (3/8-16 THD)						
	7	1	8T-2561	12	WASHER-HARD (10.5X28.5X5MM THK)						
	8	1	7W-6597	2	BRACKET						
	9	1	6N-8744	4	MOUNT						
	10	1	5S-7383	4	BOLT (3/8-16X1.75 IN)						



GRAPHIC #1

<END>

g00527026

OPERATOR STATION

135-0356 CONTROL & MTG GP-IMPLEMENT-RIPPER

S/N: 7PZ1-UP

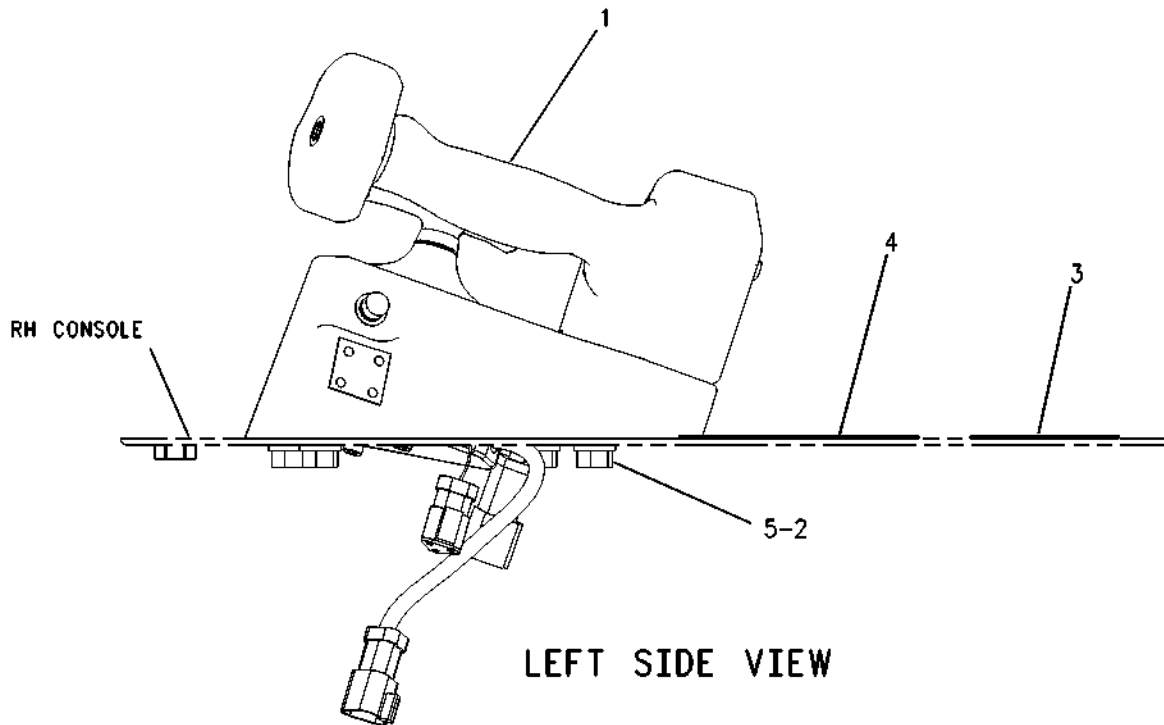
PART OF 173-1552 CONTROL AR-HYDRAULIC
AN ATTACHMENT

SMCS-5100

i01989084

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	183-3208	1	CONTROL GP-HYDRAULIC (RIPPER)						655
	2	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5MM THK)						
	3	1	137-3927	1	FILM-INSTRUCTION (RIPPER CONTROLS)						
	4	1	137-3928	1	FILM-INSTRUCTION (RIPPER CONTROLS)						
	5	1	8T-2502	4	BOLT (3/8-16X1.125 IN)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00662835

OPERATOR STATION

174-3119 CONTROL & MTG GP-IMPLEMENT-BLADE

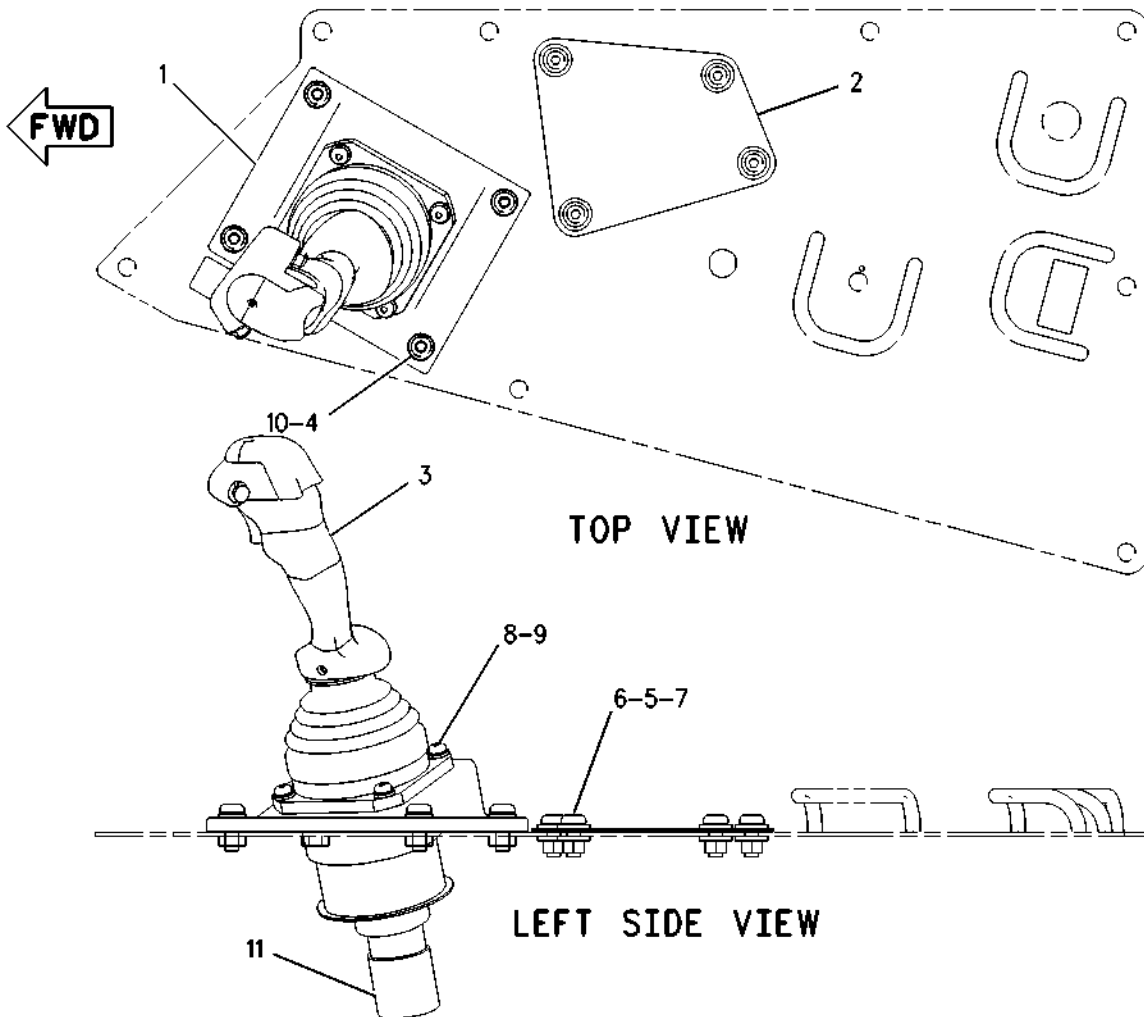
S/N: 7PZ1-563

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5100

i01515988

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	137-5640	1	BASE-MOUNTING						
	2	1	158-2286	1	COVER						
	3	1	167-3848	1	CONTROL & MTG GP-JOYSTICK						
	4	1	035-2017	4	SCREW-BUTTON HEAD (3/8-16X1 IN)						
	5	1	5P-1075	8	WASHER-HARD (10.2X22.5X3MM THK)						
	6	1	6J-0488	4	SCREW-BUTTON HEAD (3/8-16X0.875 IN)						
	7	1	6V-8801	4	NUT (3/8-16 THD)						
	8	1	7U-4890	4	SCREW						
	9	1	8T-4205	4	WASHER-HARD (7.2X14.5X2MM THK)						
	10	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5MM THK)						
	11	1	199-6766	1	CONNECTOR AS						



GRAPHIC #1

<END>

g00799290

OPERATOR STATION

180-2867 CONTROL & MTG GP-IMPLEMENT-BLADE

S/N: 7PZ1-563

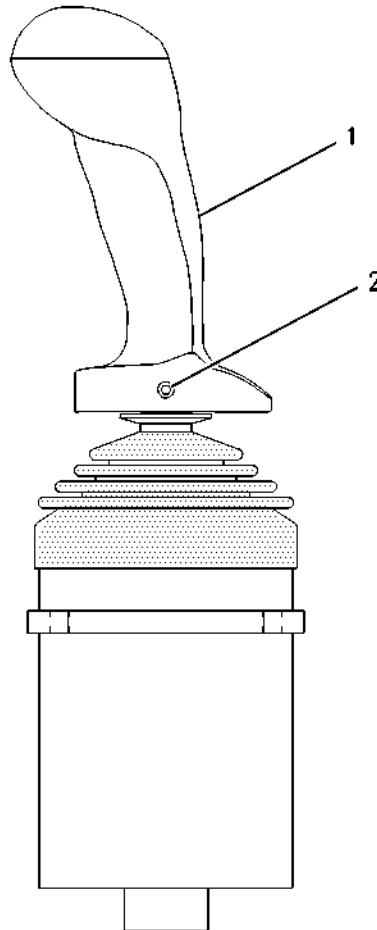
12/24 VOLTS. ELECTRONIC

PART OF 158-8044 CONTROL AR-HYDRAULIC
AN ATTACHMENT

SMCS-5100

i01232668

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	180-4236	1	HANDHOLD AS						
	2	1	4B-9808	2	SETSCREW						



GRAPHIC #1

<END>

g00663737

OPERATOR STATION

194-3684 CONTROL & MTG GP-IMPLEMENT-BLADE

S/N: 7PZ564-685

PART OF 155-5553 CONTROL AR-HYDRAULIC

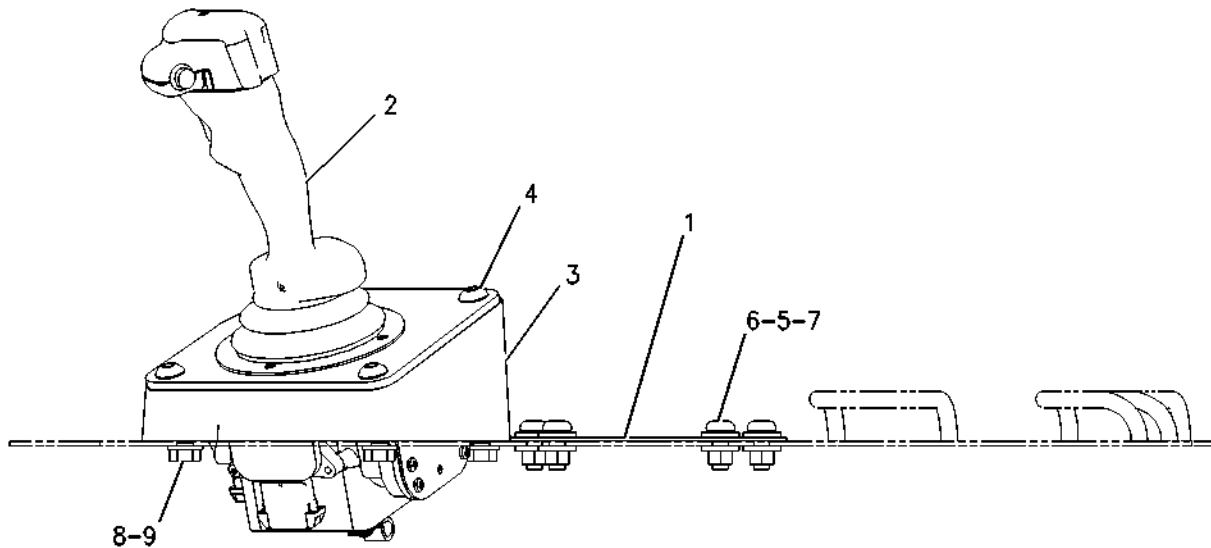
SMCS-5100

i01437324

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	158-2286	1	COVER						
Y	2	1	177-4980	1	CONTROL GP-JOYSTICK						657
	3	1	188-7095	1	BASE-MOUNTING						
M	4	1	127-2170	4	SCREW-TRUSS HEAD (M8X1.25X20MM)						
	5	1	5P-1075	8	WASHER-HARD (10.2X22.5X3MM THK)						
	6	1	6J-0488	4	SCREW-BUTTON HEAD (3/8-16X0.875 IN)						
	7	1	6V-8801	4	NUT (3/8-16 THD)						
	8	1	8T-4121	4	WASHER-HARD (11X21X2.5MM THK)						
M	9	1	8T-4136	4	BOLT (M10X1.5X25MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00812757

OPERATOR STATION

194-3684 CONTROL & MTG GP-IMPLEMENT-BLADE

S/N: 7PZ686-UP

PART OF 155-5553 CONTROL AR-HYDRAULIC

SMCS-5100

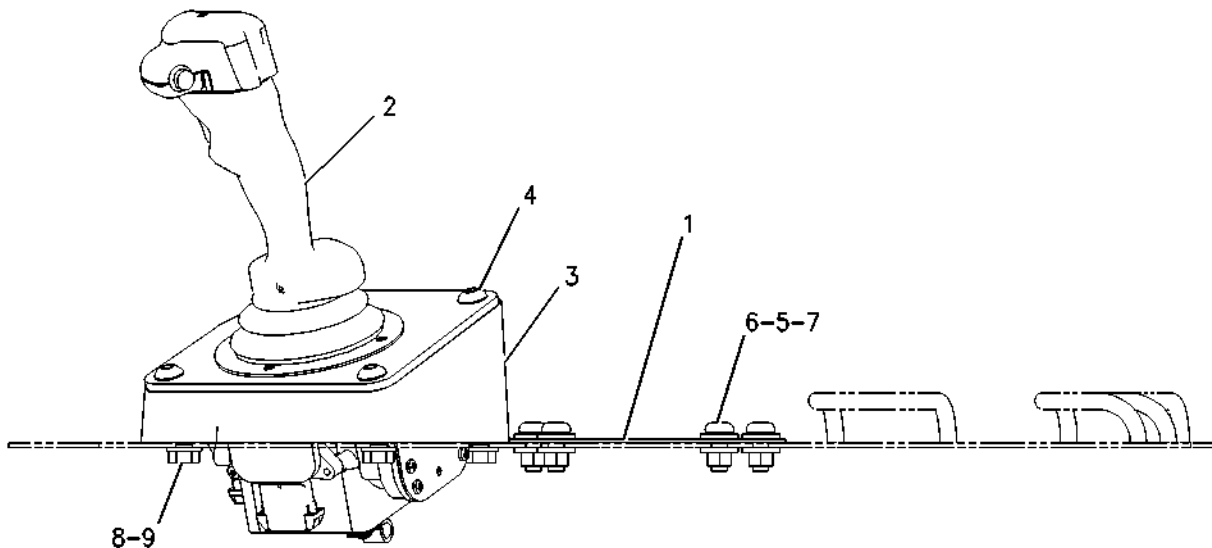
i01964538

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	158-2286	1	COVER						
CY	2	1	232-3780	1	CONTROL & MOUNTING GP (IMPLEMENT)						650
	3	1	188-7095	1	BASE-MOUNTING						
M	4	1	127-2170	4	SCREW-TRUSS HEAD (M8X1.25X20MM)						
	5	1	5P-1075	8	WASHER-HARD (10.2X22.5X3MM THK)						
	6	1	6J-0488	4	SCREW-BUTTON HEAD (3/8-16X0.875 IN)						
	7	1	6V-8801	4	NUT (3/8-16 THD)						
	8	1	8T-4121	4	WASHER-HARD (11X21X2.5MM THK)						
M	9	1	8T-4136	4	BOLT (M10X1.5X25MM)						

C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00812757

OPERATOR STATION

199-4194 CONTROL & MTG GP-IMPLEMENT-BLADE

S/N: 7PZ564-685

SINGLE TILT DOZER CONTROL

PART OF 158-8044 CONTROL AR-HYDRAULIC
AN ATTACHMENT

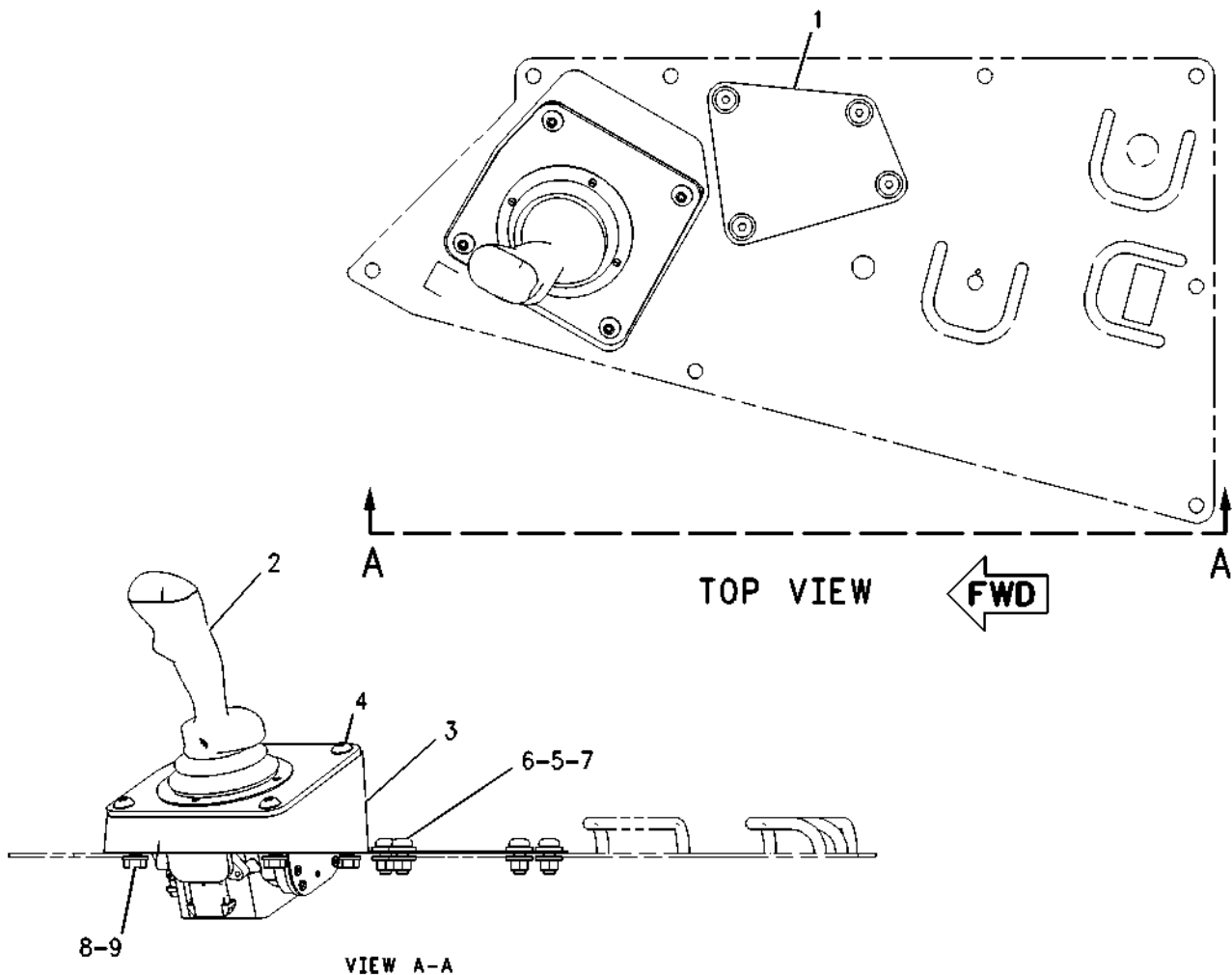
SMCS-5100

i01446931

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	158-2286	1	COVER						662
Y	2	1	185-8734	1	CONTROL GP-JOYSTICK						
	3	1	188-7095	1	BASE-MOUNTING						
M	4	1	127-2170	4	SCREW-TRUSS HEAD (M8X1.25X20MM)						
	5	1	5P-1075	8	WASHER-HARD (10.2X22.5X3MM THK)						
	6	1	6J-0488	4	SCREW-BUTTON HEAD (3/8-16X0.875 IN)						
	7	1	6V-8801	4	NUT (3/8-16 THD)						
	8	1	8T-4121	4	WASHER-HARD (11X21X2.5MM THK)						
M	9	1	8T-4136	4	BOLT (M10X1.5X25MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00757607

OPERATOR STATION

199-4194 CONTROL & MTG GP-IMPLEMENT-BLADE

S/N: 7PZ686-UP

SINGLE TILT DOZER CONTROL

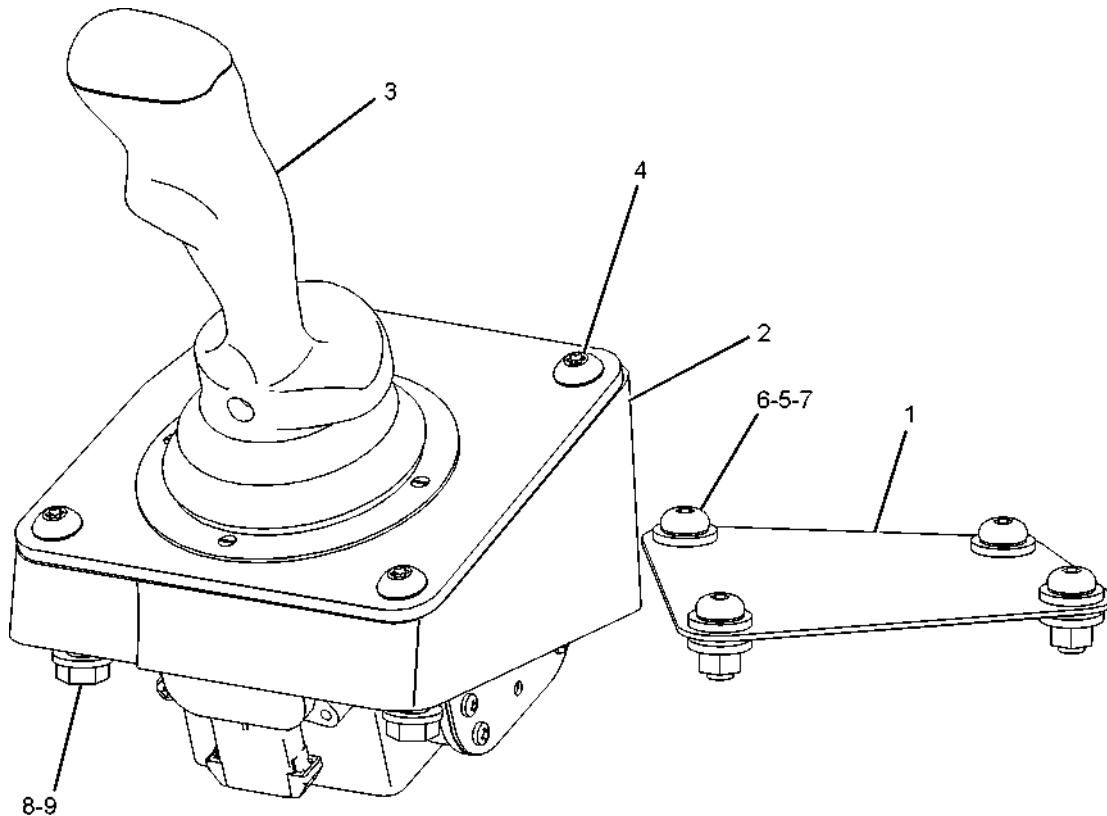
PART OF 158-8044 CONTROL AR-HYDRAULIC
AN ATTACHMENT

SMCS-5100

i01972904

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	158-2286	1	COVER						
	2	1	188-7095	1	BASE-MOUNTING						
Y	3	1	232-3779	1	CONTROL GP-JOYSTICK (IMPLEMENT)						664
M	4	1	127-2170	4	SCREW-TRUSS HEAD (M8X1.25X20MM)						
	5	1	5P-1075	8	WASHER-HARD (10.2X22.5X3MM THK)						
	6	1	6J-0488	4	SCREW-BUTTON HEAD (3/8-16X0.875 IN)						
	7	1	6V-8801	4	NUT (3/8-16 THD)						
	8	1	8T-4121	4	WASHER-HARD (11X21X2.5MM THK)						
M	9	1	8T-4136	4	BOLT (M10X1.5X25MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01026284

OPERATOR STATION

125-3401 CONTROL GP-DISPLAY ELECTRONIC- INDICATOR STRIP

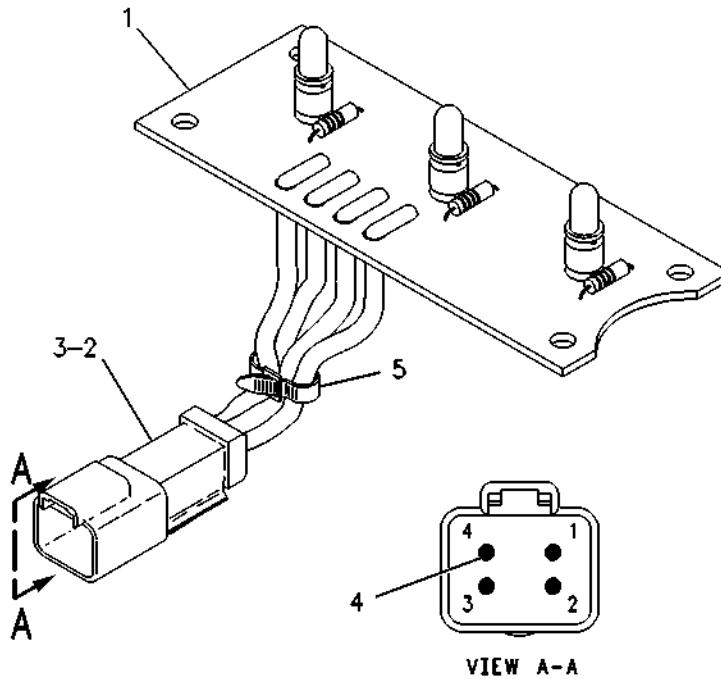
S/N: 7PZ1-UP

LIGHT EMITTING DIODE DISPLAY
PART OF 157-5913 INSTRUMENT GP

SMCS-7603

i01673928

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	BOARD AS						
	2	1	102-8804	1	KIT-RECEPTACLE (4 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	3E-3377	1	WEDGE-RECEPTACLE LOCK						
	4	1	8T-8729	4	PIN-CONNECTOR						
	5	1	8L-8413	1	STRAP- CABLE						
	Z- NOT SERVICED SEPARATELY										



GRAPHIC #1

<END>

g00252614

OPERATOR STATION

149-6470 CONTROL GP-DISPLAY ELECTRONIC- OPERATOR FUNCTION STATUS IND

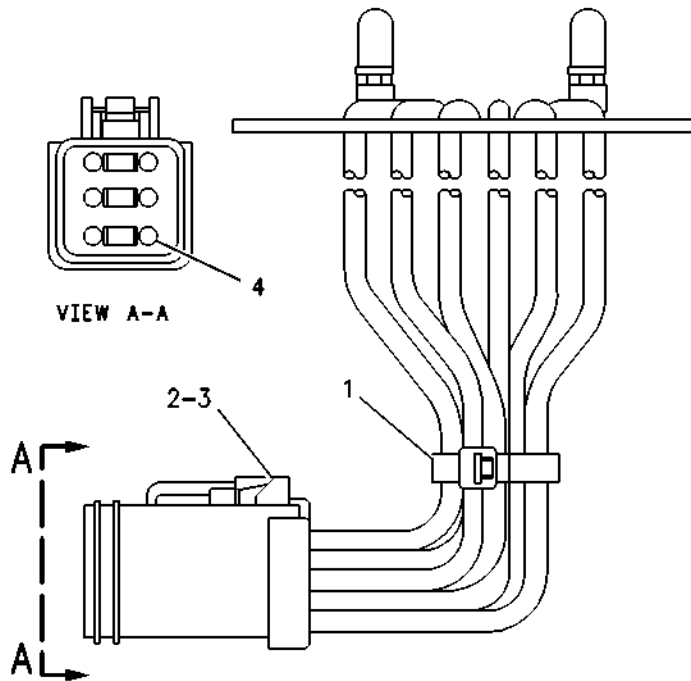
S/N: 7PZ1-UP

PART OF 165-5018, 183-2076 CONTROL GP-ELECTRONIC

SMCS-7603

i01836426

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8L-8413	1	STRAP-CABLE						
	2	1	102-8810	1	KIT-CONNECTING PLUG (6 PINS)						
					(INCLUDES PLUG AS, WEDGE & SEAL INTERFACE)						
	3	1	3E-3380	1	WEDGE-PLUG LOCK						
		1	102-8815	1	SEAL						
	4	1	8T-8730	6	SOCKET-CONNECTOR						



GRAPHIC #1

<END>

g00329749

OPERATOR STATION

103-5526 CONTROL GP-MONITOR SYS DIMMER

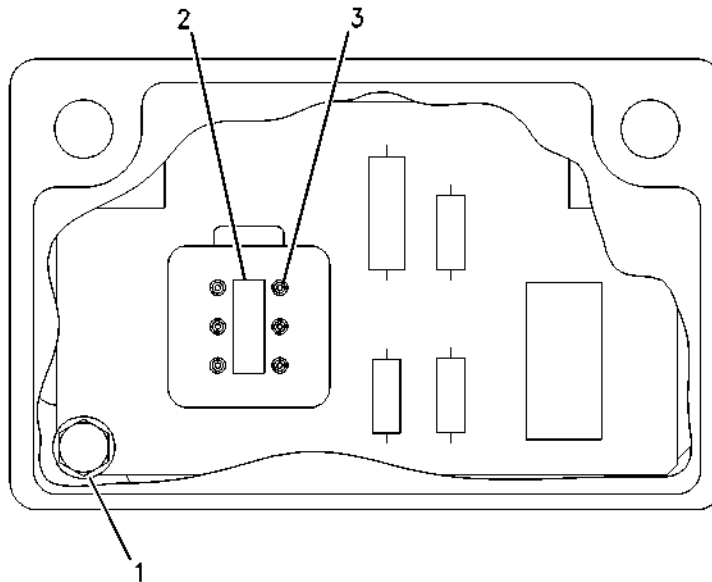
S/N: 7PZ1-UP

PART OF 156-9937 WIRING GP-PLATFORM

SMCS-7490

i01707696

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-9132	2	SCREW-WASHER HEAD (HEX) (6-32X.19 IN)						
J	2	1	3E-3383	1	WEDGE-RECEPTACLE LOCK						
	3	1	186-3735	6	PIN-CONNECTOR						
AVAILABLE REPAIR KIT(S) :											
J			102-8805	1	KIT-RECEPTACLE (6 PIN)						
(INCLUDES RECEPTACLE AS & PART MARKED J)											
J-KIT MARKED J INCLUDES PART MARKED J											



GRAPHIC #1

<END>

g00316579

OPERATOR STATION

8Y-5874 EXTENSION GP-BACKREST-CLOTH

S/N: 7PZ1-391

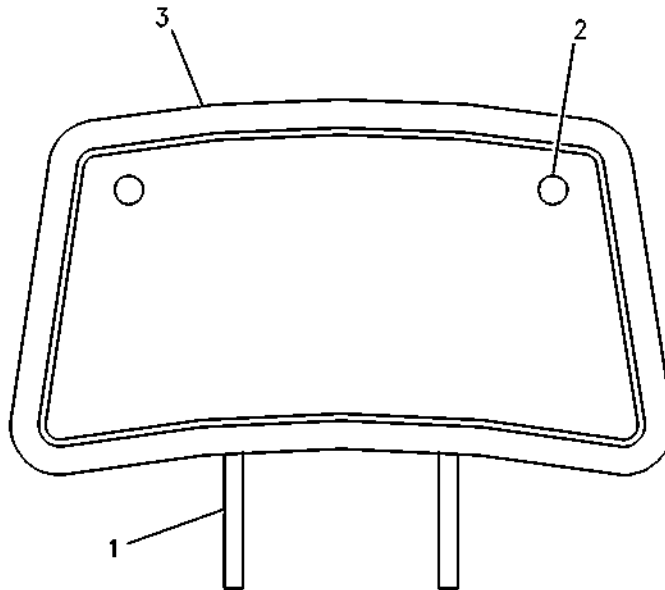
PART OF 125-6224 SEAT GP, 8Y-6138 SEAT GP-SUSPENSION
ALSO AN ATTACHMENT

SMCS-7312

i01696160

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8Y-5877	1	PAN AS-EXTENSION						
J	2	1	8Y-5947	2	FASTENER						
JZ	3	1		1	CUSHION AS						
AVAILABLE REPAIR KIT(S):											
J			8Y-5943	1	KIT-CUSHION (BACKREST EXTENSION)						
(INCLUDES CUSHION AS & FASTENER)											

J-KIT MARKED J SERVICES PART(S) MARKED J
Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00524121

OPERATOR STATION

8Y-5959 EXTENSION GP-BACKREST-VINYL

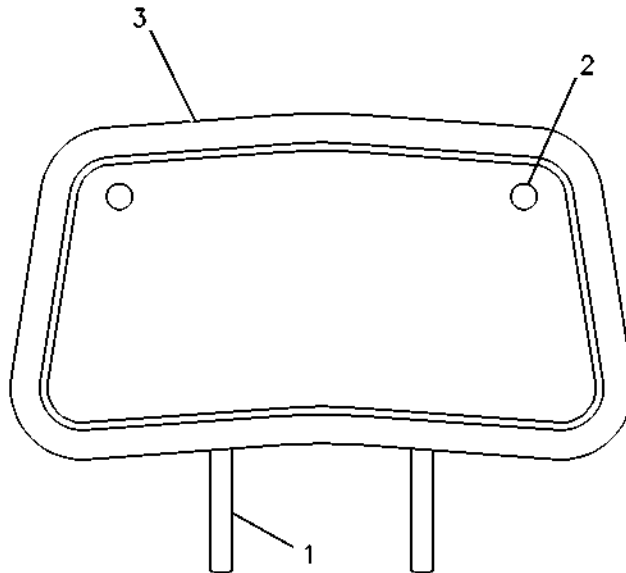
S/N: 7PZ1-UP

PART OF 8Y-6179 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7312

i01395711

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8Y-5877	1	PAN AS-EXTENSION						
J	2	1	8Y-5947	2	FASTENER						
JZ	3	1		1	CUSHION AS						
AVAILABLE REPAIR KIT(S):											
J			8Y-5960	1	KIT-CUSHION (VINYL BACK REST)						
J-KIT MARKED J INCLUDES PARTS MARKED J											
Z-NOT SERVICED SEPARATELY											



GRAPHIC #1

<END>

g00326278

OPERATOR STATION

3E-7835 FAN GP-DEFROSTER

S/N: 7PZ1-UP

PART OF 197-7504 CAB AR
AN ATTACHMENT

SMCS-7316

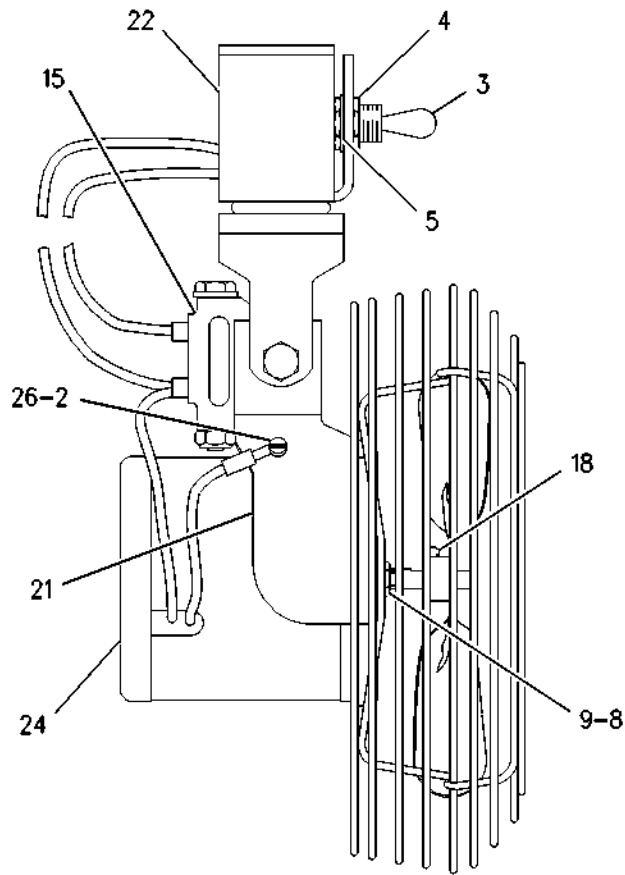
i01989505

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2L-8075	2	TERMINAL	
	2	1	7H-4543	1	SCREW-TAPPING (N010X.375 IN)	
	3	1	1V-6652	1	SWITCH GP-TOGGLE (DEFROSTER FAN CONTROL)	
	4	1	6T-3631	2	NUT-HEX (15/32-32 THD)	
	5	1	6T-3632	1	LOCKWASHER	
		1	6T-3633	1	RING-LOCKING	
	6	1	6V-8374	3	SCREW-MACHINE (6-32X0.25 IN)	
		1	3L-8187	3	LOCKWASHER	
	7	1	6N-6984	1	MOUNT	
	8	1	1M-1230	2	NUT & LOCK AS	
	9	1	4B-4274	2	WASHER (5.5X13X1.2MM THK)	
	10	1	9B-7237	1	BOLT (3/8-16X1.25 IN)	
	11	1	3E-7838	1	BRACKET AS	
	12	1	4B-4276	1	WASHER (7X16X1.6MM THK)	
	13	1	6T-9255	1	PLATE	
	14	1	6T-9256	2	WASHER (7.14X12.7X1.6MM THK)	
	15	1	6T-8943	1	PLATE	
	16	1	8T-4222	1	WASHER-PLATED (11X32X2.5MM THK)	
	17	1	2D-6235	3	LOCKNUT (1/4-20 THD)	
	18	1	7L-8316	1	SETSCREW-SOCKET (10-32X.25IN)	
	19	1	8T-9368	1	BOLT (1/4-20X2.25 IN)	
	20	1	3D-8748	1	FAN AS	
	21	1	3E-7839	1	BRACKET AS	
	22	1	3E-7837	1	BASE AS	
		1	9F-2978	1	NUT-WELD (3/8-16 THD)	
	23	1	3D-8749	1	GUARD	
	24	1	174-1503	1	MOTOR AS-ELECTRIC (DEFROSTER FAN)	
	25	1	2L-8075	2	TERMINAL (FOR NO. 8 SCREW)	
	26	1	2L-8076	1	TERMINAL-RING (FOR NO. 10 SCREW)	
	27	1	7X-0264	1	BOLT (1/4-20X2.50 IN)	

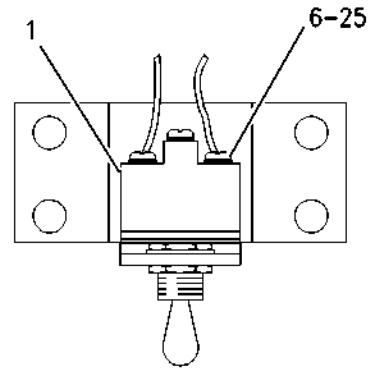
OPERATOR STATION

3E-7835 FAN GP-DEFROSTER (contd.)

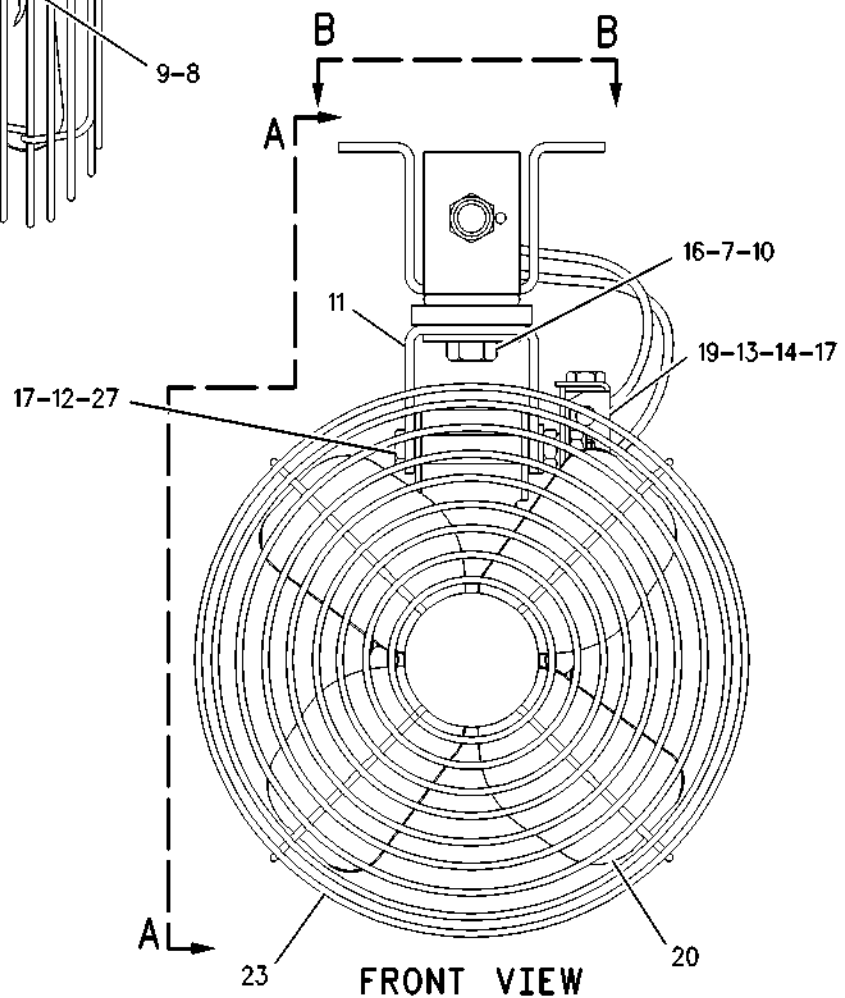
101989505



VIEW A-A



VIEW B-B



FRONT VIEW

GRAPHIC #1

<END>

g00537615

OPERATOR STATION

127-9136 HEATER GP-CAB

S/N: 7PZ1-476

ELECTRONIC WATER VALVE

PART OF 157-2151 HEATER GP-CAB

SMCS-7304

i02029833

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-0400	2	BLOWER AS	
J	2	1	3E-6392	1	MOTOR AS-FAN	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		1	8T-8729	2	PIN-CONNECTOR	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	3	1	3S-2093	4	STRAP-CABLE	
M	4	1	5C-9553	29	BOLT (M6X1X16-MM)	
	5	1	5P-4115	14	WASHER-HARD (7.2X19X2-MM THK)	
	6	1	5P-6670	1	FILM-INSTRUCTION (WATER IN, WATER OUT) (HEATER)	
	7	1	6V-1668	2	WASHER (6.5X29.1X3-MM THK)	
E	8	1	136-1953		HOSE (8CM)	
	9	1	8C-3756	1	FILM-IDENTIFICATION (GROUP, SEQUENCE NO.) (HEATER)	
	10	1	8C-4586	2	CLAMP	
M	11	1	8C-8451	1	BOLT (M6X1X40-MM)	
	12	1	8P-5141	2	PLATE-ORIFICE	
	13	1	9X-2488	6	CLAMP-HOSE	
	14	1	8T-4205	30	WASHER-HARD (7.2X14.5X2-MM THK)	
C	15	1	125-9740	1	RESISTOR	
	16	1	5V-1474	4	SCREW-FORMING (10-16X0.625-IN)	
M	17	1	9X-8498	1	BOLT (M6X1.0X180-MM)	
	18	1	091-8792	2	CLIP	
	19	1	149-8218	1	CONTROL AS-BOARD	
		1	8T-8737	2	PLUG-SEAL	
		1	9W-0844	5	SOCKET-CONNECTION	
		1	9W-0852	5	PIN-CONNECTOR	
		1	102-8810	1	KIT-CONNECTING PLUG (6-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
M	20	1	129-3178	16	LOCKNUT (M6X1-THD)	
	21	1	149-8199	1	VALVE AS-WATER	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	22	1	130-9214	1	GASKET	
	23	1	130-9215	1	GASKET	
	24	1	130-9216	1	GASKET	
	25	1	130-9218	1	GASKET	
	26	1	130-9219	1	GASKET	
	27	1	130-9220	1	GASKET	
	28	1	130-9221	1	GASKET	
C	29	1	172-9291	1	HARNESS AS (BLOWER MOTOR)	
C	30	1	172-9292	1	HARNESS AS (FAN SPEED SWITCH)	
	31	1	130-9224	1	COIL AS-HEATER	
	32	1	130-9227	1	COVER	
	33	1	130-9228	1	CASE AS	
		1	6T-6686	2	PIN	
M		1	6V-9632	15	NUT-WELD (M6X1-THD)	
		1	7T-1099	1	LINK	
	34	1	130-9233	1	HOUSING AS	
M		1	6V-9632	2	NUT-WELD (M6X1-THD)	
	35	1	130-9234	1	PAN AS-HEATER	
	36	1	130-9235	1	DOOR AS	
	37	1	131-0545	1	PLATE AS	

OPERATOR STATION

127-9136 HEATER GP-CAB (contd.)

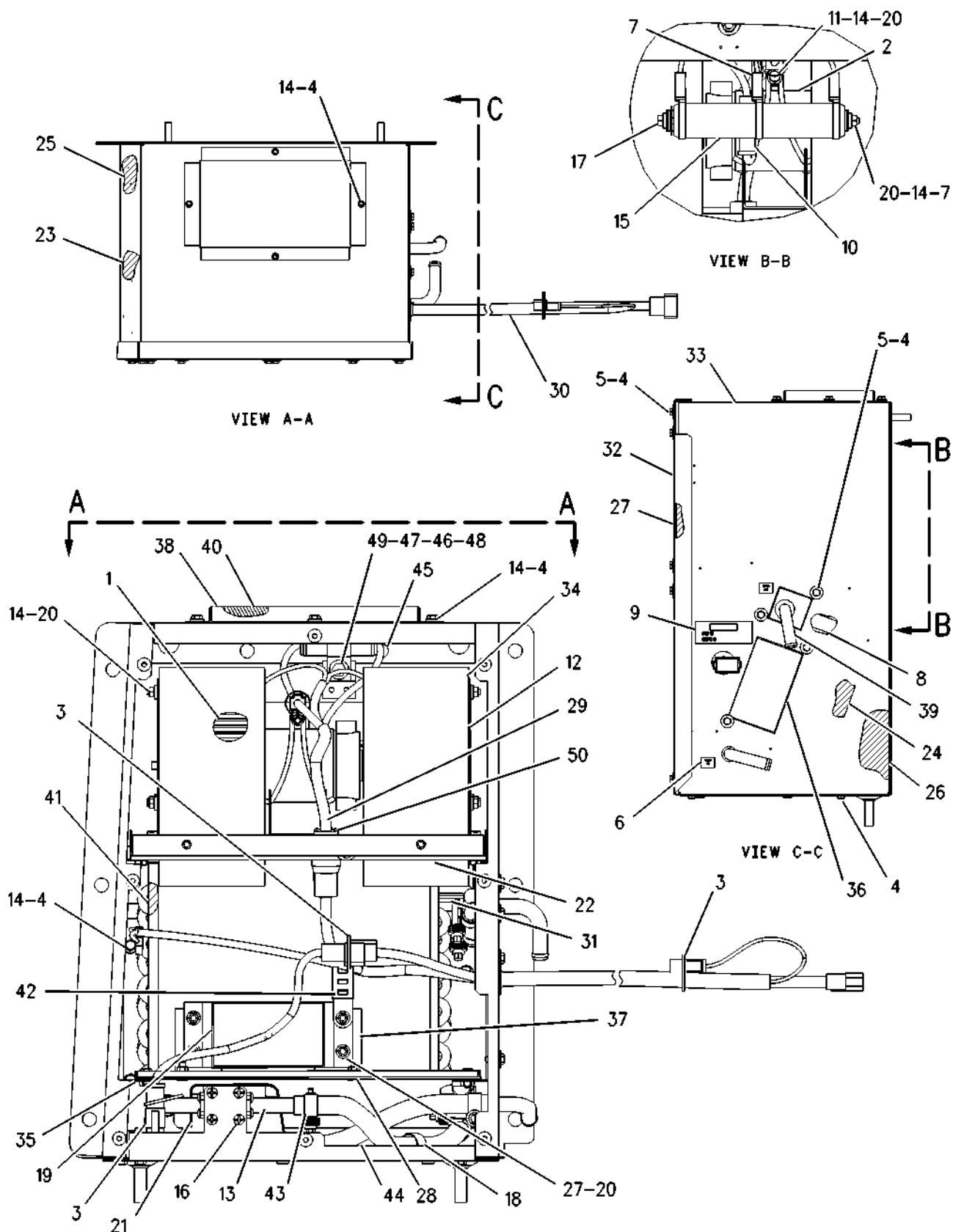
i02029833

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	38	1	131-2441	1	COVER						
	39	1	131-5354	1	TUBE AS						
	40	1	132-3871	1	GASKET						
BD	41	1	5P-5969		SEAL						
	42	1	4P-7581	1	CLIP						
E	43	1	136-1953		HOSE (30.5CM)						
E	44	1	136-1953		HOSE (47.5CM)						
L	45	1	133-6036	1	RECTIFIER AS						
		1	1S-9593	4	STRAP-CABLE						
		1	3E-3362	1	WEDGE-PLUG LOCK (2-PIN)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
		1	8T-8729	2	PIN-CONNECTOR						
		1	8T-8730	2	SOCKET-CONNECTOR						
		1	102-8807	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
M	46	1	3T-0852	1	LOCKNUT (M8X1.25-THD)						
	47	1	4S-1962	1	CLIP						
	48	1	5P-4116	2	WASHER-HARD (8.8X20.5X2-MM THK)						
M	49	1	8T-4189	1	BOLT (M8X1.25X20-MM)						
	50	1	132-5793	4	SCREW-WASHER HD (4-40X0.25-IN)						
					AVAILABLE REPAIR KIT(S) :						
J			9X-9013	1	KIT-BRUSH (HEATER FAN MOTOR)						
					(INCLUDES BRUSH AS & PLUG)						
L			133-6107	1	KIT-HARDWARE (RECTIFIER)						
					(INCLUDES INSULATOR, LOCKWASHER, NUT, WASHER, & SOLDERLUG)						
B-USE AS REQUIRED C-CHANGE FROM PREVIOUS TYPE D-ORDER BY THE METER E-ORDER BY THE CENTIMETER J-KIT MARKED J AVAILABLE FOR PART MARKED J L-KIT MARKED L AVAILABLE FOR PART MARKED L M-METRIC PART											

OPERATOR STATION

127-9136 HEATER GP-CAB (contd.)

i02029833



GRAPHIC #1

<END>

g00643298

OPERATOR STATION

127-9136 HEATER GP-CAB

S/N: 7PZ477-UP

ELECTRONIC WATER VALVE

PART OF 157-2151 HEATER GP-CAB

SMCS-7304

101989083

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-0400	2	BLOWER AS						
C	2	1	3S-2093	5	STRAP-CABLE						
M	3	1	5C-9553	29	BOLT (M6X1X16MM)						
	4	1	5P-4115	14	WASHER-HARD (7.2X19X2MM THK)						
	5	1	5P-6670	1	FILM-INSTRUCTION (WATER IN/WATER OUT) (HEATER)						
	6	1	6T-6708	2	WASHER (7X28.6X4.1MM THK)						
	7	1	6V-1668	2	WASHER (6.5X29.1X3MM THK)						
	8	1	8C-3756	1	FILM-IDENTIFICATION (GROUP & SEQUENCE NO.) (HEATER)						
	9	1	8C-4586	2	CLAMP						
	10	1	8P-5141	2	PLATE-ORIFICE						
	11	1	8T-4205	30	WASHER-HARD (7.2X14.5X2MM THK)						
	12	1	9X-2488	6	CLAMP-HOSE						
M	13	1	9X-8498	1	BOLT (M6X1.0X180MM)						
	14	1	091-8792	2	CLIP						
	15	1	125-9740	1	RESISTOR						
M	16	1	129-3178	16	LOCKNUT (M6X1 THD)						
	17	1	130-9214	1	GASKET						
	18	1	130-9215	1	GASKET						
	19	1	130-9216	1	GASKET						
	20	1	130-9218	1	GASKET						
	21	1	130-9219	1	GASKET						
	22	1	130-9220	1	GASKET						
	23	1	130-9221	1	GASKET						
	24	1	130-9224	1	COIL AS-HEATER						
	25	1	130-9227	1	COVER						
	26	1	130-9228	1	CASE AS						
		1	6T-6686	2	PIN						
M		1	6V-9632	15	NUT-WELD (M6X1 THD)						
		1	7T-1099	1	LINK						
	27	1	130-9233	1	HOUSING AS						
M		1	6V-9632	2	NUT-WELD (M6X1 THD)						
	28	1	130-9234	1	PAN AS-HEATER						
	29	1	130-9235	1	DOOR AS						
	30	1	131-0545	1	PLATE AS						
	31	1	131-2441	1	COVER						
	32	1	131-5354	1	TUBE AS						
	33	1	132-3871	1	GASKET						
	34	1	132-5793	4	SCREW-WASHER HD (4-40X0.25 IN)						
C	35	1	210-7291	1	VALVE AS (WATER)						
		1	8T-8737	1	PLUG-SEAL						
		1	9W-0852	5	PIN-CONNECTOR						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	36	1	172-9291	1	HARNESS AS (BLOWER MOTOR)						
	37	1	172-9292	1	HARNESS AS (FAN SPEED SWITCH)						
C	38	1	174-1494	1	MOTOR GP-ELECTRIC (27 VOLT) (HEATER)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
		1	9W-0852	2	PIN-CONNECTOR						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
BD	39	1	5P-5908		SEAL						
	40	1	149-8218	1	CONTROL AS-BOARD						
C	41	1	5V-1474	4	SCREW-FORMING (10-16X0.625 IN)						
	42	1	4P-7581	1	CLIP						

OPERATOR STATION

127-9136 HEATER GP - CAB (contd.)

i01989083

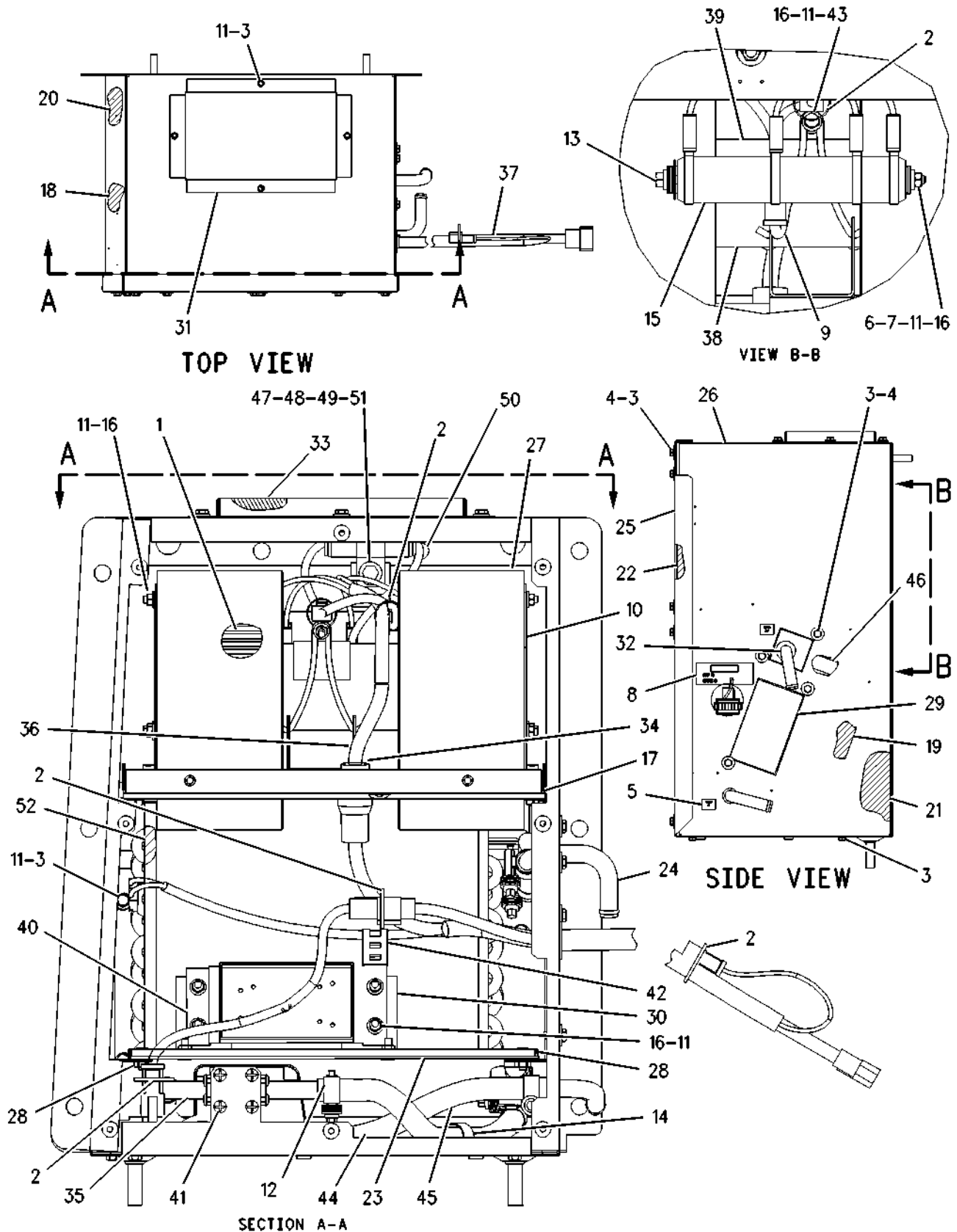
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CM	43	1	6V-7728	1	BOLT (M6X1.0X45MM)	
E	44	1	136-1953		HOSE (30CM)	
E	45	1	136-1953		HOSE (47CM)	
E	46	1	136-1953		HOSE (8CM)	
M	47	1	8T-4189	1	BOLT (M8X1.25X20MM)	
	48	1	4S-1962	1	CLIP	
M	49	1	3T-0852	1	LOCKNUT (M8X1.25 THD)	
	50	1	133-6036	1	RECTIFIER AS	
	51	1	5P-4116	2	WASHER-HARD (8.8X20.5X2MM THK)	
	52	1	5P-5969	1	SEAL	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
M-METRIC PART

OPERATOR STATION

127-9136 HEATER GP-CAB (contd.)

i01989083



GRAPHIC #1

<END>

g00876183

OPERATOR STATION

157-2151 HEATER GP-CAB

S/N: 7PZ1-717

PART OF 157-3738 CAB AR

SMCS-7304

i01665081

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6J-0488	3	SCREW-BUTTON HEAD (3/8-16X0.875 IN)						
	2	1	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)						
	3	1	144-3579	1	DUCT-AIR						
	4	1	8E-5975	1	GASKET						
	5	1	5P-5824	1	HOLDER-ASH TRAY						
	6	1	5P-5454	1	ASHTRAY						
	7	1	6K-4936	5	BOLT-LOCKING (3/8-16X0.625 IN)						
	8	1	6B-2882	5	SPACER (.406X.75X.312 IN THK)						
	9	1	7T-1890	1	FILTER-AIR (CAB) (STANDARD)						
					-OR-						
A		1	175-2832	1	FILTER-AIR (CAB) (ODOR REDUCTION)						
					-OR-						
A		1	175-2839	1	FILTER-AIR (CAB) (HIGH EFFICIENCY)						
	10	1	134-3992	1	DOOR AS						
		1	9F-6445	2	NUT-WELD (1/4-20 THD)						
	11	1	8E-1356	2	KNOB AS						
					(EACH INCLUDES)						
		1	8T-7566	1	PIN-SPRING						
	12	1	8E-5959	1	SEAL						
	13	1	8E-9253	1	GASKET						
	14	1	156-8180	1	FILM-PANEL (AIR CONDITIONER & BLOWER)						
	15	1	4L-6454	8	BOLT (3/8-16X1 IN)						
	16	1	7X-0772	8	WASHER-HARD (10.2X25.5X2.5MM THK)						
	17	1	133-5082	1	DUCT-AIR						
	18	1	8E-3250	1	GASKET						
	19	1	114-5985	1	PLATE AS						
		1	2R-2376	2	WASHER (7X16X.8MM THK)						
		1	6P-6926	2	SCREW-KNURLED						
	20	1	107-0266	1	FILTER-CAB AIR (STANDARD)						
					-OR-						
A		1	175-2841	1	FILTER-AIR (CAB) (HIGH EFFICIENCY)						
	21	1	6V-3884	2	SCREW-HEX SOCKET (1/4-20X0.5 IN)						
	22	1	116-3119	1	PLATE						
	23	1	2P-4339	1	NUT-JAM (7/16-20 THD)						
	24	1	157-1361	1	SWITCH AS (BLOWER SPEED)						
		1	9W-0852	6	PIN-CONNECTOR						
		1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	25	1	110-6109	1	KNOB-CONTROL (BLOWER SPEED)						
	26	1	6T-3990	1	SWITCH AS-ROCKER (AIR CONDITIONER ON/OFF)						
		1	3L-8187	2	LOCKWASHER						
		1	6V-8374	2	SCREW-MACHINE (6-32X0.25 IN)						
	27	1	6V-8927	2	BOLT-SOCKET HEAD (6-32X0.5 IN)						
	28	1	6T-6329	1	BEZEL-ROCKER SWITCH						
	29	1	127-4540	1	POTENTIOMETER AS (CAB TEMPERATURE CONTROL)						
		1	102-8803	1	KIT-RECEPTACLE (3 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3S-2093	1	STRAP-CABLE						
		1	9W-0852	3	PIN-CONNECTOR						
	30	1	030-8535	3	BOLT-LOCKING (3/8-16X0.875 IN)						
	31	1	130-4846	1	WIRE AS						
Y	32	1	127-9136	1	HEATER GP-CAB						1033
M	33	1	8T-4171	3	BOLT (M6X1X12MM)						
	34	1	9X-8256	3	WASHER (6.6X12X2MM THK)						
	35	1	2H-3920	1	LOCKWASHER						
	36	1	8T-7566	2	PIN-SPRING						

OPERATOR STATION

157-2151 HEATER GP-CAB (contd.)

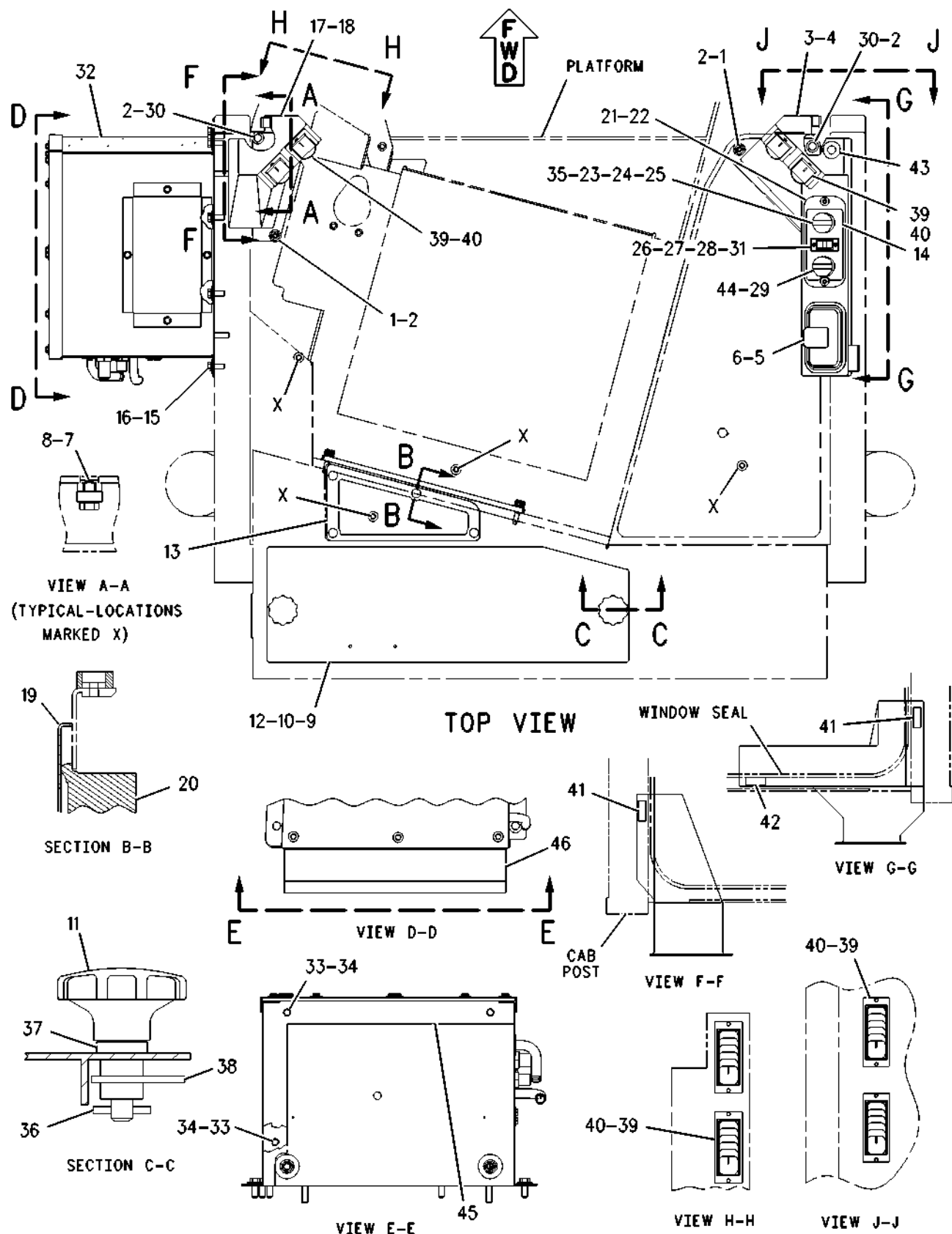
i01665081

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	37	1	7X-0575	2	WASHER-HARD (10.2X22.5X5MM THK)	
	38	1	134-3993	2	PLATE AS	
	39	1	8Y-6388	8	LOUVER AS	
	40	1	104-2091	16	SCREW-FLAT HEAD (6-20X0.5 IN)	
BD	41	1	5P-5643		SEAL	
BD	42	1	5P-5755		SEAL	
	43	1	1M-4543	1	GROMMET	
	44	1	110-6109	1	KNOB-CONTROL (CAB TEMPERATURE)	
	45	1	116-2590	1	SEAL	
	46	1	116-2589	1	PLATE	
A-NOT PART OF THIS GROUP B-USE AS REQUIRED D-ORDER BY THE METER M-METRIC PART Y-SEPARATE ILLUSTRATION						

OPERATOR STATION

157-2151 HEATER GP-CAB (contd.)

i01665081



GRAPHIC #1

<END>

g00861610

OPERATOR STATION

108-4582 HOUSING GP-SEAT SUSPENSION

S/N: 7PZ1-391

PART OF 108-4082 SUSPENSION GP-SEAT
ALSO AN ATTACHMENT

SMCS-7321

i01989141

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	161-5967	1	SHAFT	
	2	1	8Y-6066	1	SPRING	
	3	1	8Y-6069	1	ADJUSTER AS	
	4	1	8Y-6068	1	NUT (3/8 X 16 THD)	
	5	1	8Y-6029	1	HOUSING AS-UPPER	
	6	1	8Y-6047	2	PIN	
	7	1	2M-7819	4	RING-RETAINING	
	8	1	8Y-6041	1	ARM AS	
	9	1	8Y-6045	1	CAM	
	10	1	8Y-6046	1	PIN	
	11	1	8S-7803	4	RING-RETAINING	
	12	1	131-4242	1	BOLT (3/8-16X5.18 IN)	
	13	1	7M-7219	1	BEARING-THRUST	
		1	4N-2927	2	RACE-THRUST BEARING	
	14	1	3D-2975	2	RING-RETAINING	
	15	1	095-0878	1	PIN-SPRING	
	16	1	9X-8918	3	SCREW-FLAT HEAD (8-32X0.50 IN)	
	17	1	5P-8445	4	RING-RETAINING	
	18	1	4B-5059	6	WASHER (29.5X15X2.5MM THK)	
	19	1	8Y-6060	2	ROLLER	
	20	1	1Y-7927	1	PIN	
	21	1	7V-5191	2	SPACER (28X10X7.1MM THK)	
	22	1	5D-4822	2	RING-RETAINING	
	23	1	8Y-6062	1	LINK-ACTUATOR	
	24	1	8Y-6063	1	LINK-ACTUATOR	
	25	1	5V-0770	2	BOLT-CARRIAGE	
		1	2D-6235	2	LOCKNUT (1/4-20 THD)	
	26	1	8Y-6064	2	ROLLER-SLIDER	
	27	1	131-5167	1	KNOB AS-ADJUSTMENT	
	28	1	8Y-6067	1	SPACER (10.54MM THK)	
	29	1	8L-8413	2	STRAP-CABLE	
LZ	30	1		1	KNOB-HEIGHT	
LZ	31	1		1	KNOB-HEIGHT	
JZ	32	1		3	BUMPER	
PZ	33	1		2	BUSHING-GUIDE	
PZ	34	1		2	SPRING	
PZ	35	1		2	ROD	
PZ	36	1		2	SPACER	
QZ	37	1		2	SPRING	
QZ	38	1		2	BUSHING	
SZ	39	1		1	PIN	
SZ	40	1		1	FOLLOWER-CAM	
TZ	41	1		1	GUIDE	
TZ	42	1		1	TAPE-INDICATOR	
UZ	43	1		1	FOLLOWER-CAM	
UZ	44	1		1	PIN	
VZ	45	1		1	ROLLER AS	
VZ	46	1		2	ROLLER AS	
AVAILABLE REPAIR KIT(S) :						
J			100-5179	1	KIT-BUMPER (WEIGHT ADJUSTMENT) (SUSPENSION SEAT)	
L			8Y-5945	1	KIT-SUSPENSION KNOB (HEIGHT ADJUSTMENT) (SUSPENSION SEAT)	
P			8Y-6860	1	KIT-SPRING (HEIGHT ADJUSTMENT) (SUSPENSION SEAT)	

OPERATOR STATION

108-4582 HOUSING GP-SEAT SUSPENSION (contd.)

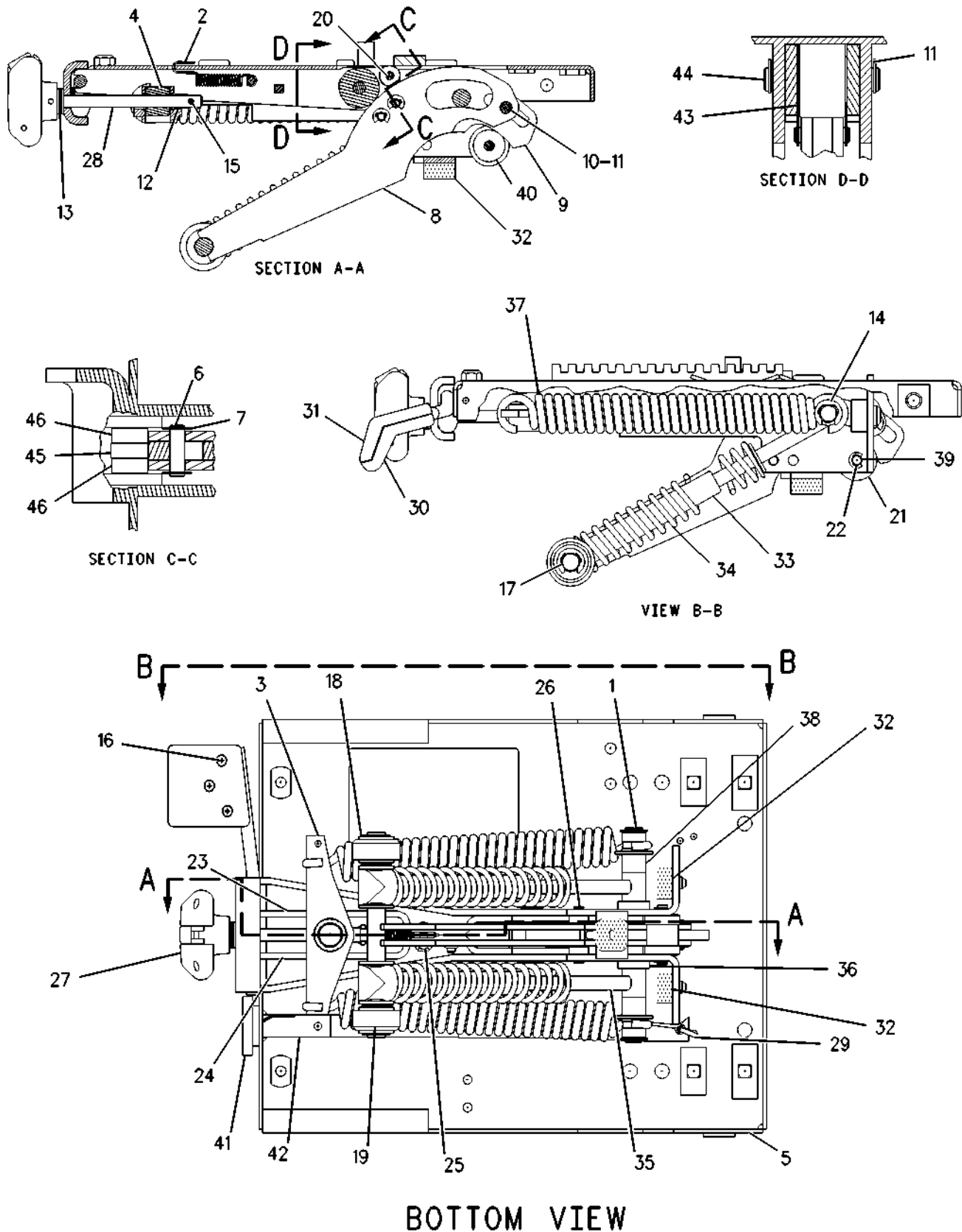
i01989141

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Q			8Y-6859	1	KIT-SPRING (SUSPENSION SEAT)						
S			108-4086	1	KIT-FOLLOWER (SUSPENSION SEAT)						
T			100-3224	1	KIT-INDICATOR (WEIGHT ADJUSTMENT) (SUSPENSION SEAT)						
U			108-4087	1	KIT-FOLLOWER (SUSPENSION SEAT)						
V			108-4103	1	KIT-BEARING (SUSPENSION SEAT)						
J-KIT MARKED J INCLUDES PART MARKED J											
L-KIT MARKED L INCLUDES PARTS MARKED L											
P-KIT MARKED P INCLUDES PARTS MARKED P											
Q-KIT MARKED Q INCLUDES PARTS MARKED Q											
S-KIT MARKED S INCLUDES PARTS MARKED S											
T-KIT MARKED T INCLUDES PARTS MARKED T											
U-KIT MARKED U INCLUDES PARTS MARKED U											
V-KIT MARKED V INCLUDES PARTS MARKED V											
Z-NOT SERVICED SEPARATELY											

OPERATOR STATION

108-4582 HOUSING GP-SEAT SUSPENSION (contd.)

i01989141



GRAPHIC #1

<END>

g00692106

OPERATOR STATION

174-2231 HOUSING GP-SEAT SUSPENSION

S/N: 7PZ392-UP

PART OF 160-7165 SUSPENSION GP-SEAT
ALSO AN ATTACHMENT

SMCS-7321

i01903068

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1Y-7927	1	PIN						
	2	1	2D-6235	2	LOCKNUT (1/4-20 THD)						
	3	1	2M-7819	4	RING-RETAINING						
	4	1	3D-2975	2	RING-RETAINING						
	5	1	4B-5059	6	WASHER (29.5X15X2.5MM THK)						
	6	1	4N-2927	2	RACE-THRUST BEARING						
	7	1	5D-4822	2	RING-RETAINING						
	8	1	5P-8445	4	RING-RETAINING						
	9	1	5V-0770	2	BOLT-CARRIAGE						
	10	1	7M-7219	1	BEARING-THRUST						
	11	1	7V-5191	2	SPACER (28X10X7.1MM THK)						
	12	1	8L-8413	2	STRAP-CABLE						
	13	1	8S-7803	4	RING-RETAINING						
	14	1	8Y-6041	1	ARM AS						
	15	1	8Y-6045	1	CAM						
	16	1	8Y-6046	1	PIN						
	17	1	8Y-6047	2	PIN						
	18	1	8Y-6060	2	ROLLER						
	19	1	8Y-6062	1	LINK-ACTUATOR-RH						
	20	1	8Y-6063	1	LINK-ACTUATOR-LH						
	21	1	8Y-6064	2	ROLLER-SLIDER						
	22	1	8Y-6066	1	SPRING						
	23	1	8Y-6067	1	SPACER (10.54MM THK)						
	24	1	8Y-6068	1	NUT (3/8 X 16 THD)						
	25	1	8Y-6069	1	ADJUSTER AS						
	26	1	9X-8918	3	SCREW-FLAT HEAD (8-32X0.50 IN)						
	27	1	095-0878	1	PIN-SPRING						
	28	1	131-4242	1	BOLT (3/8-16X5.18 IN)						
	29	1	131-5167	1	KNOB AS-WEIGHT						
	30	1	161-5967	1	SHAFT						
	31	1	174-2237	1	HOUSING AS-UPPER						
JZ	32	1		1	KNOB-HEIGHT (SUSPENSION SEAT)						
JZ	33	1		1	KNOB-HEIGHT (SUSPENSION SEAT)						
LZ	34	1		2	SPRING						
LZ	35	1		2	BUSHING						
VZ	36	1		2	SPRING						
VZ	37	1		2	SPACER						
VZ	38	1		2	BUSHING-GUIDE						
VZ	39	1		2	ROD						
PZ	40	1		1	TAPE-INDICATOR						
PZ	41	1		1	GUIDE						
SZ	42	1		1	PIN						
SZ	43	1		1	FOLLOWER-CAM						
TZ	44	1		1	PIN						
TZ	45	1		1	FOLLOWER-CAM						
UZ	46	1		2	ROLLER AS						
UZ	47	1		1	ROLLER AS						
QZ	48	1		3	BUMPER						
AVAILABLE REPAIR KIT(S) :											
J			8Y-5945	1	KIT-SUSPENSION KNOB (HEIGHT ADJUSTMENT) (SUSPENSION SEAT)						
L			8Y-6859	1	KIT-SPRING (SUSPENSION SEAT)						
V			8Y-6860	1	KIT-SPRING (HEIGHT ADJUSTMENT) (SUSPENSION SEAT)						

OPERATOR STATION

174-2231 HOUSING GP-SEAT SUSPENSION (contd.)

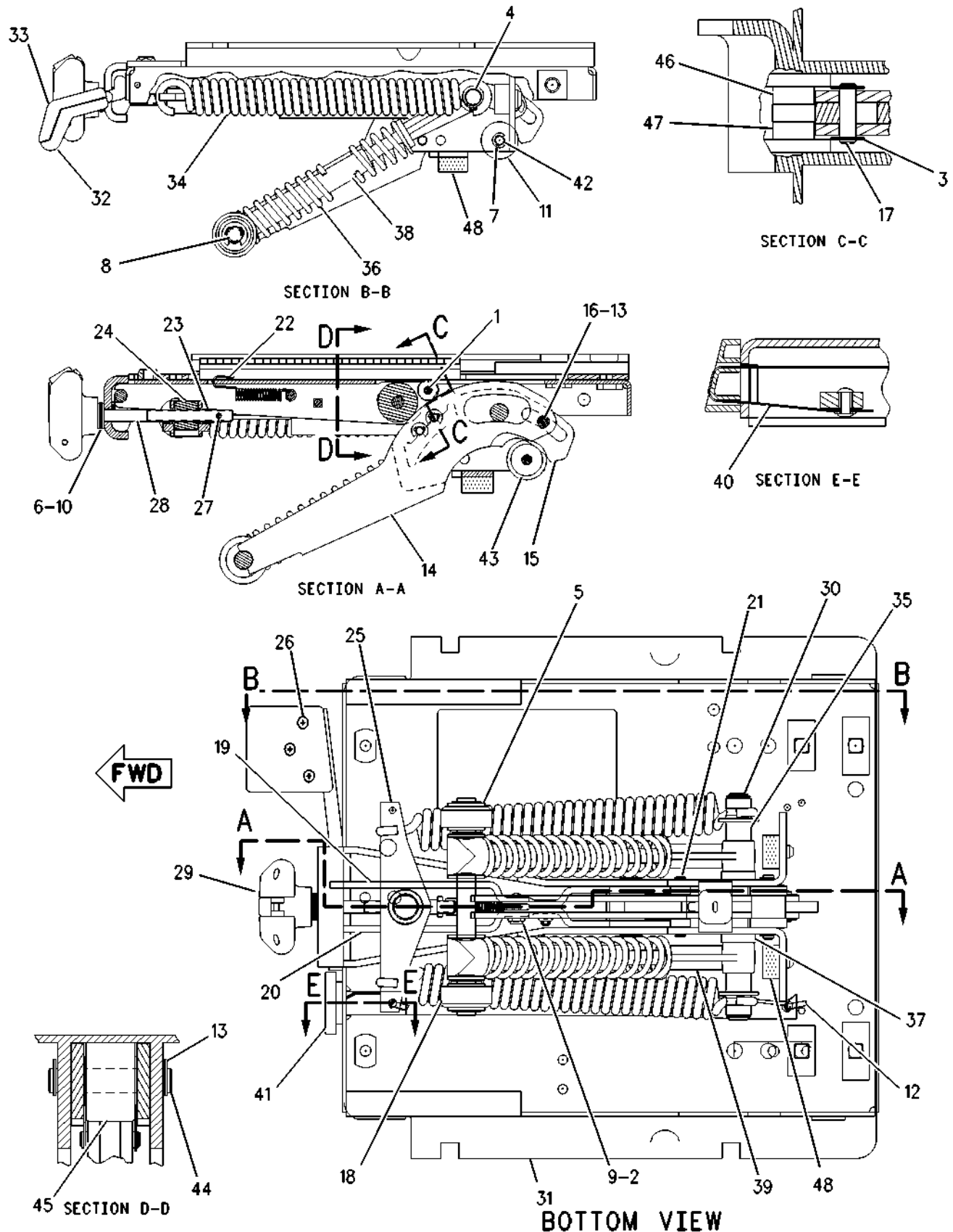
i01903068

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
P			100-3224	1	KIT-INDICATOR (WEIGHT ADJUSTMENT) (SUSPENSION SEAT)						
Q			100-5179	1	KIT-BUMPER (WEIGHT ADJUSTMENT) (SUSPENSION SEAT)						
S			108-4086	1	KIT-FOLLOWER (SUSPENSION SEAT)						
T			108-4087	1	KIT-FOLLOWER (SUSPENSION SEAT)						
U			108-4103	1	KIT-BEARING (SUSPENSION SEAT)						
J-KIT MARKED J INCLUDES PARTS MARKED J											
L-KIT MARKED L INCLUDES PARTS MARKED L AND RETAINING RING											
P-KIT MARKED P INCLUDES PARTS MARKED P AND CABLE STRAP											
Q-KIT MARKED Q INCLUDES PARTS MARKED Q											
S-KIT MARKED S INCLUDES PARTS MARKED S											
T-KIT MARKED T INCLUDES PARTS MARKED T											
U-KIT MARKED U INCLUDES PARTS MARKED U											
V-KIT MARKED V INCLUDES PARTS MARKED V											
Z-NOT SERVICED SEPARATELY											

OPERATOR STATION

174-2231 HOUSING GP-SEAT SUSPENSION (contd.)

i01903068



GRAPHIC #1

<END>

g00608620

OPERATOR STATION

8E-3284 INSTALLATION GP-RADIO

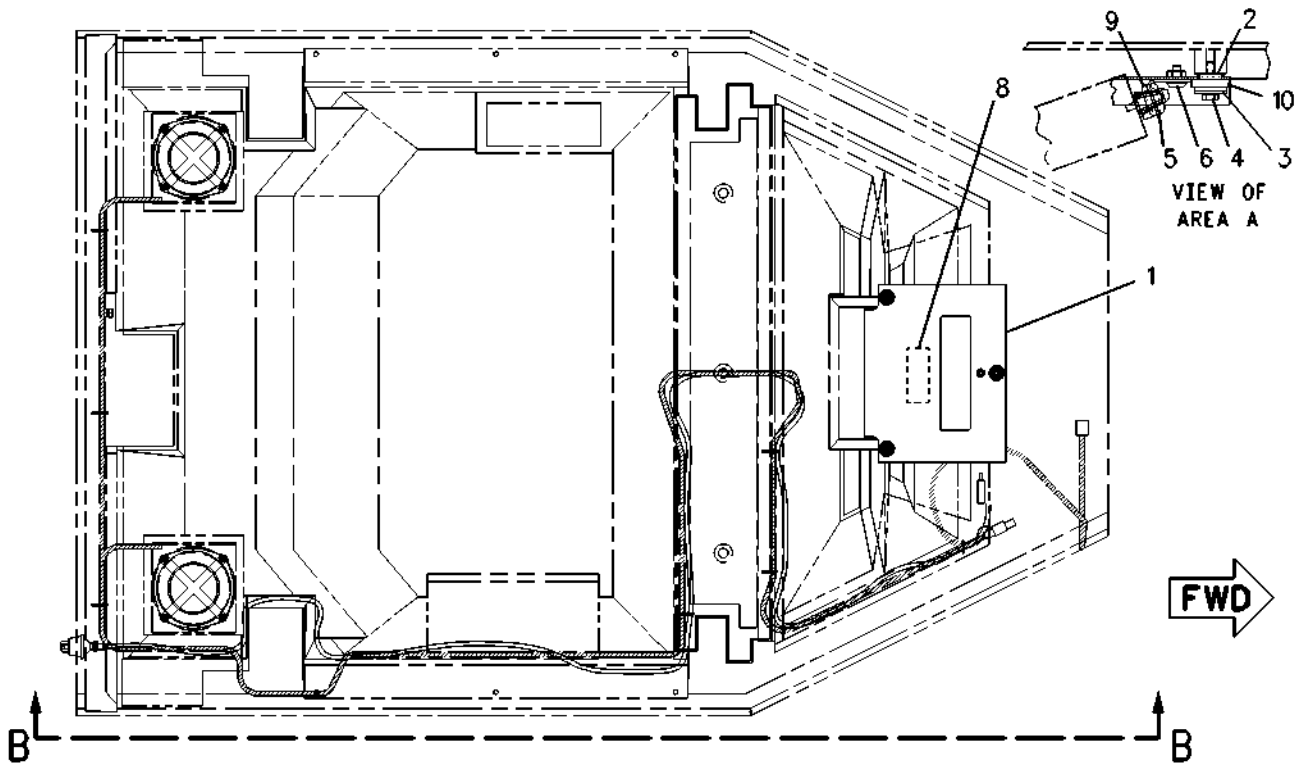
S/N: 7PZ1-UP

PART OF 157-4817 CAB AR
ALSO AN ATTACHMENT

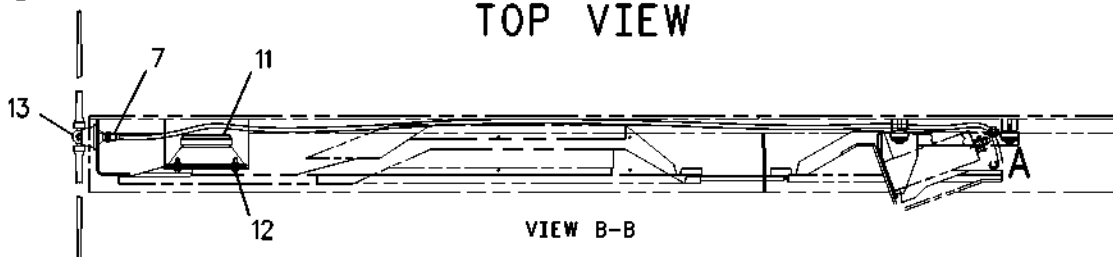
SMCS-7338

i01665087

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-9654	1	PLATE AS						
		1	9V-7451	1	NUT-WELD (1/4-20 THD)						
	2	1	4N-9915	3	GROMMET AS						
	3	1	6V-7646	3	WASHER-HARD (7.2X25X2MM THK)						
	4	1	0S-1616	3	BOLT (1/4-20X1 IN)						
	5	1	8E-9656	1	BRACKET						
	6	1	6V-8969	1	SCREW-BUTTON HEAD						
	7	1	9W-3073	1	CABLE AS-COAXIAL						
	8	1	217-8433	1	FILM-NOTICE (RADIO)						
	9	1	8K-1433	1	GROMMET						
	10	1	3E-4356	3	WASHER-HARD (30X17.5X6MM THK)						
	11	1	168-8772	2	SPEAKER AS						
	12	1	4B-2047	8	NUT (10-24 THD)						
		1	2N-3480	8	SCREW-MACHINE (10-24X0.75 IN)						
	13	1	8E-1118	1	ANTENNA AS						



TOP VIEW



VIEW B-B

GRAPHIC #1

<END>

g00328993

OPERATOR STATION

157-5913 INSTRUMENT GP

S/N: 7PZ1-602

PART OF 155-5552 CHASSIS AR

SMCS-7450, 7451

i02029222

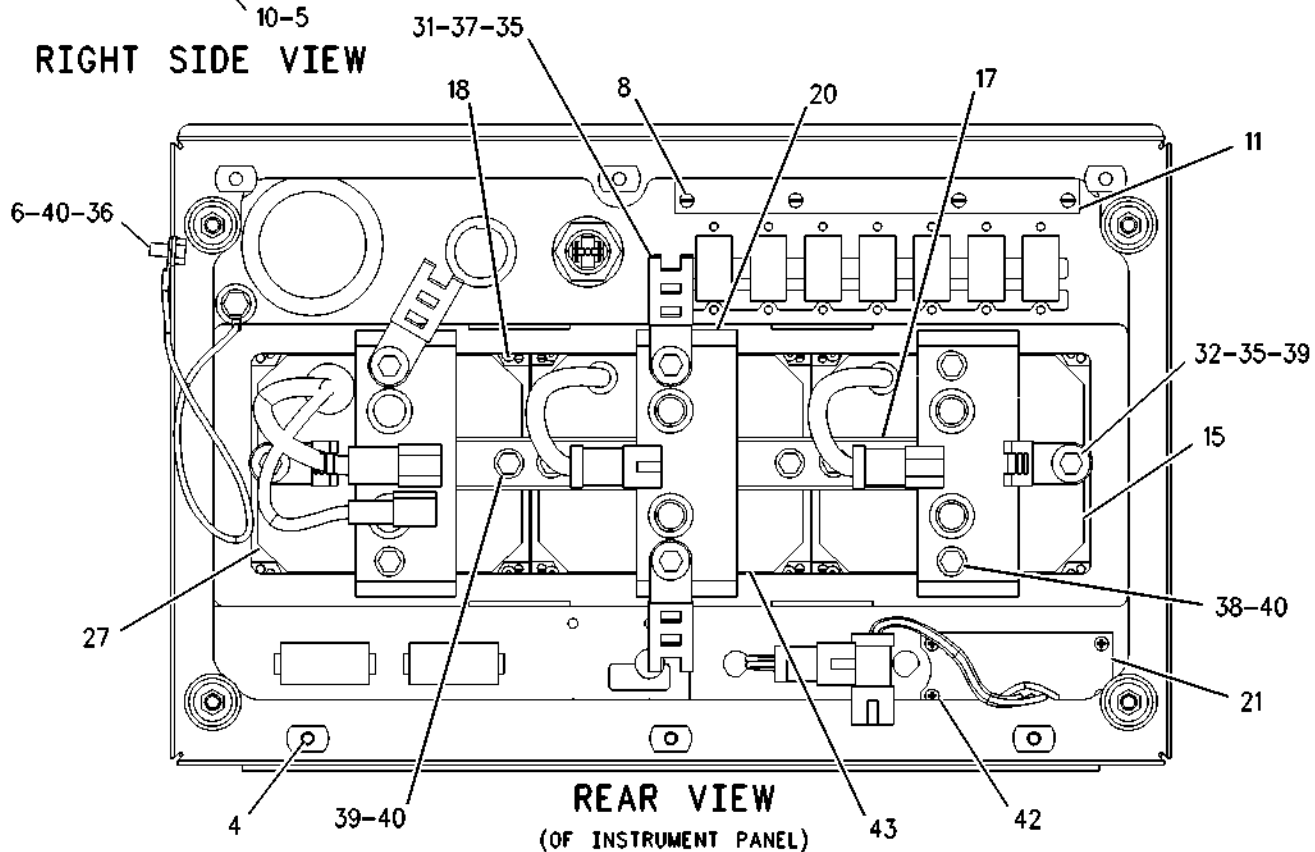
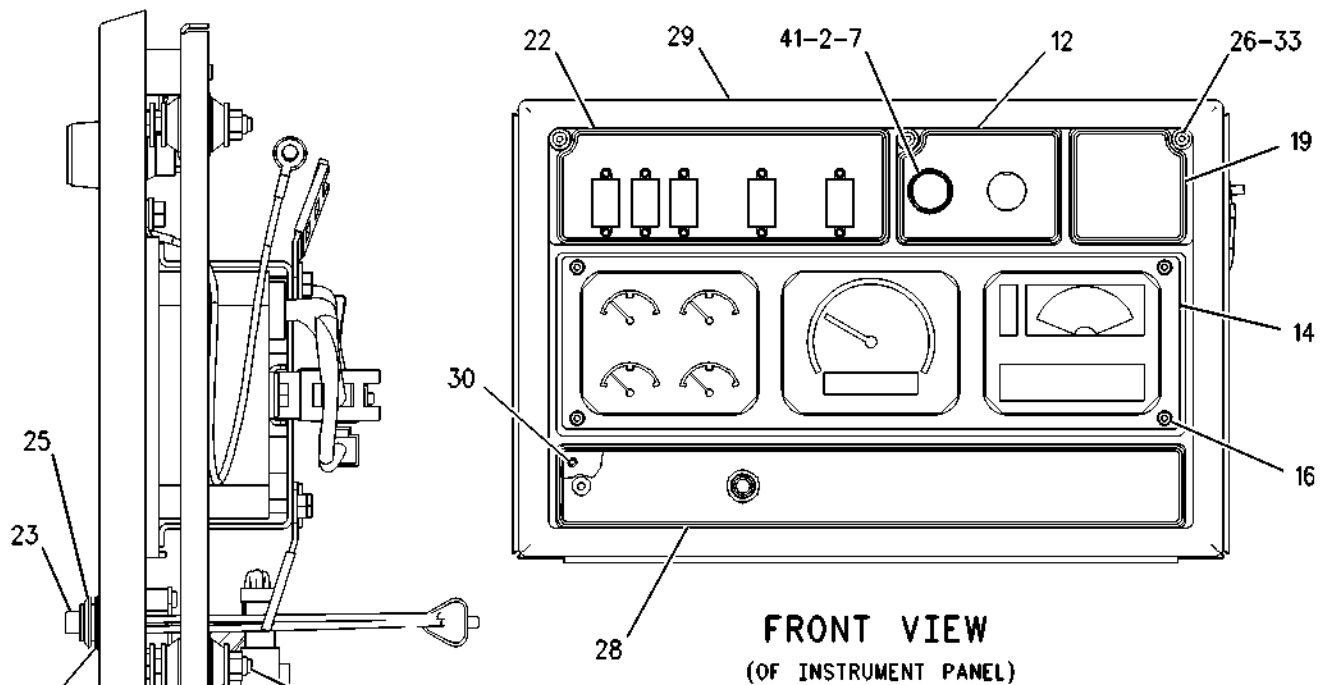
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-9865	4	LOCKNUT (1/4-20-THD)	
	2	1	3T-0304	1	BASE-INDICATOR LIGHT	
	3	1	6I-8921	1	FRAME AS	
	4	1	1V-8442	6	NUT (1/4-20-THD)	
	5	1	6V-3884	7	SCREW-HEX SOCKET (1/4-20X0.5-IN)	
	6	1	6Y-5094	1	CABLE	
	7	1	7N-1996	1	LAMP (24-VOLT) (ACTION INDICATOR)	
	8	1	8B-4338	4	SCREW-TAPPING (6-20X.375-IN)	
	9	1	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)	
	10	1	8E-2514	1	HINGE	
	11	1	9X-0438	1	CONTROL AS-ELECTRONIC (DASH LIGHT)	
	12	1	197-5110	1	FILM-PANEL (ACTION INDICATOR)	
	13	1	9X-9896	8	MOUNT (ISOLATION)	
	14	1	100-5568	1	BEZEL	
Y	15	1	166-6928	1	MODULE GP-QUAD GAUGE	1072
M	16	1	105-3480	4	BOLT-HEX SOCKET (M5X0.8X16-MM)	
	17	1	106-4454	1	PLATE	
	18	1	107-1964	8	SCREW-PAN HEAD (6-19X0.5-IN)	
	19	1	197-5111	1	FILM-PANEL (INSTRUMENT)	
	20	1	116-7880	3	BRACKET	
Y	21	1	125-3401	1	CONTROL GP-DISPLAY ELECTRONIC	1026
	22	1	164-9933	1	FILM-PANEL (INSTRUMENT)	
	23	1	133-9405	1	SWITCH AS-PUSH BUTTON (AUTO DOWNSHIFT)	
		1	8T-8729	3	PIN-CONNECTOR	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
	24	1	6F-0253	1	LOCKWASHER (16.6X26.9X1.2-MM THK)	
	25	1	3K-0835	1	NUT (5/8-24-THD)	
	26	1	138-8886	3	BOLT-SOCKET HEAD	
Y	27	1	149-2357	1	MODULE GP-MESSAGE CENTER (VIDS)	1068
	28	1	156-8192	1	FILM-PANEL (INSTRUMENT)	
	29	1	156-9421	1	DASH AS	
	30	1	2D-6327	4	SCREW-MACHINE	
	31	1	4P-7581	3	CLIP	
	32	1	4P-8134	2	CLIP	
	33	1	5P-0537	3	WASHER-HARD (7.2X14.5X2-MM THK)	
	34	1	5P-2675	4	BOLT (1/4-20X1.75-IN)	
	35	1	5P-4115	17	WASHER-HARD (7.2X19X2-MM THK)	
	36	1	5S-7349	2	BOLT (1/4-20X0.5-IN)	
M	37	1	6V-7357	3	BOLT (M6X1.0X25-MM)	
M	38	1	8T-4138	3	BOLT (M6X1X20-MM)	
M	39	1	8T-4171	6	BOLT (M6X1X12-MM)	
	40	1	8T-4205	9	WASHER-HARD (7.2X14.5X2-MM THK)	
	41	1	6T-7058	1	LENS-RED (ACTION INDICATOR)	
	42	1	2F-7306	4	SCREW-MACHINE (6-32X.25-IN)	
Y	43	1	137-7616	1	MODULE GP-SPEEDOMETER & TACH	1073

M-METRIC PART
Y-SEPARATE ILLUSTRATION

OPERATOR STATION

157-5913 INSTRUMENT GP (contd.)

i02029222



GRAPHIC #1

<END>

g00800601

OPERATOR STATION

157-5913 INSTRUMENT GP

S/N: 7PZ603-UP

PART OF 155-5552 CHASSIS AR

SMCS-7450, 7451

i02029221

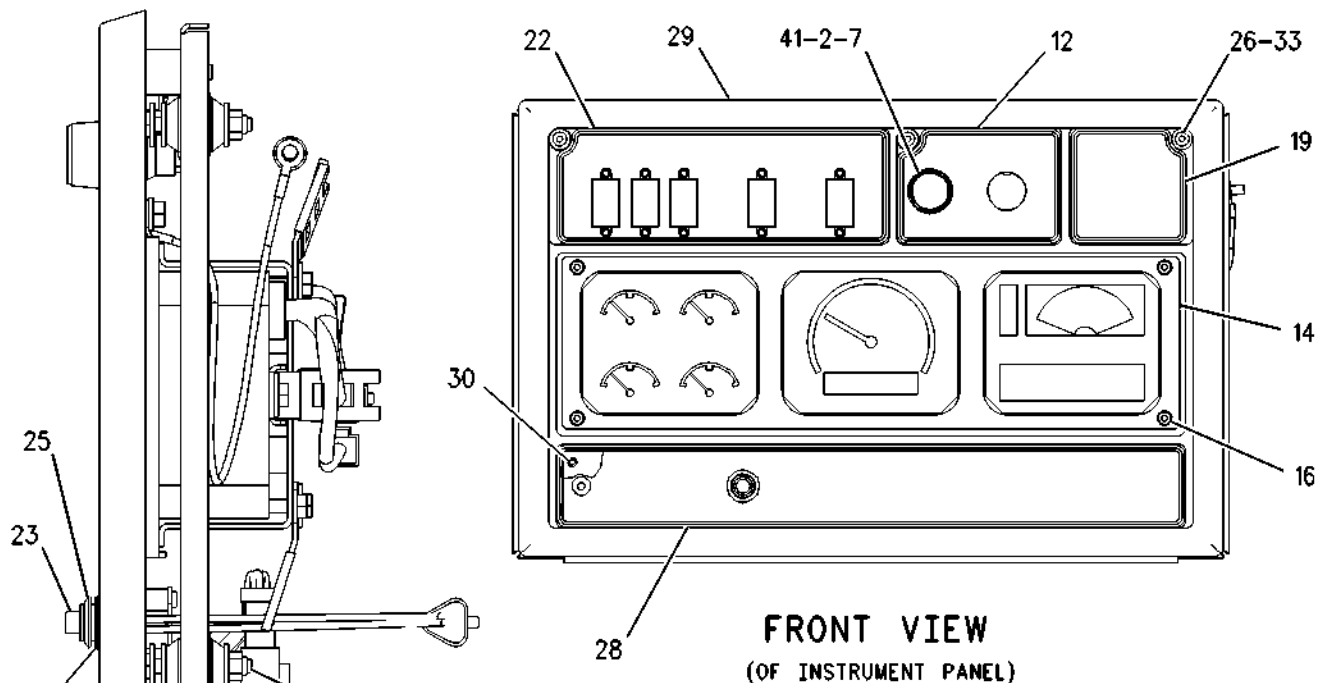
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-9865	4	LOCKNUT (1/4-20-THD)	
	2	1	3T-0304	1	BASE-INDICATOR LIGHT	
	3	1	6I-8921	1	FRAME AS	
	4	1	1V-8442	6	NUT (1/4-20-THD)	
	5	1	6V-3884	7	SCREW-HEX SOCKET (1/4-20X0.5-IN)	
	6	1	6Y-5094	1	CABLE	
	7	1	7N-1996	1	LAMP (24-VOLT) (ACTION INDICATOR)	
	8	1	8B-4338	4	SCREW-TAPPING (6-20X.375-IN)	
	9	1	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)	
	10	1	8E-2514	1	HINGE	
	11	1	9X-0438	1	CONTROL AS-ELECTRONIC (DASH LIGHT)	
	12	1	197-5110	1	FILM-PANEL (ACTION INDICATOR)	
	13	1	9X-9896	8	MOUNT (ISOLATION)	
	14	1	100-5568	1	BEZEL	
Y	15	1	166-6928	1	MODULE GP-QUAD GAUGE	1072
M	16	1	105-3480	4	BOLT-HEX SOCKET (M5X0.8X16-MM)	
	17	1	106-4454	1	PLATE	
	18	1	107-1964	8	SCREW-PAN HEAD (6-19X0.5-IN)	
	19	1	197-5111	1	FILM-PANEL (INSTRUMENT)	
	20	1	116-7880	3	BRACKET	
Y	21	1	125-3401	1	CONTROL GP-DISPLAY ELECTRONIC	1026
	22	1	164-9933	1	FILM-PANEL (INSTRUMENT)	
	23	1	133-9405	1	SWITCH AS-PUSH BUTTON (AUTO DOWNSHIFT)	
			8T-8729	3	PIN-CONNECTOR	
			102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
	24	1	6F-0253	1	LOCKWASHER (16.6X26.9X1.2-MM THK)	
	25	1	3K-0835	1	NUT (5/8-24-THD)	
	26	1	138-8886	3	BOLT-SOCKET HEAD	
CY	27	1	179-1730	1	MODULE GP-MESSAGE CENTER (VIDS)	1069
	28	1	156-8192	1	FILM-PANEL (INSTRUMENT)	
	29	1	156-9421	1	DASH AS	
	30	1	2D-6327	4	SCREW-MACHINE	
	31	1	4P-7581	3	CLIP	
	32	1	4P-8134	2	CLIP	
	33	1	5P-0537	3	WASHER-HARD (7.2X14.5X2-MM THK)	
	34	1	5P-2675	4	BOLT (1/4-20X1.75-IN)	
	35	1	5P-4115	17	WASHER-HARD (7.2X19X2-MM THK)	
	36	1	5S-7349	2	BOLT (1/4-20X0.5-IN)	
M	37	1	6V-7357	3	BOLT (M6X1.0X25-MM)	
M	38	1	8T-4138	3	BOLT (M6X1X20-MM)	
M	39	1	8T-4171	6	BOLT (M6X1X12-MM)	
	40	1	8T-4205	9	WASHER-HARD (7.2X14.5X2-MM THK)	
	41	1	6T-7058	1	LENS-RED (ACTION INDICATOR)	
	42	1	2F-7306	4	SCREW-MACHINE (6-32X.25-IN)	
Y	43	1	137-7616	1	MODULE GP-SPEEDOMETER & TACH	1073

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART
Y-SEPARATE ILLUSTRATION

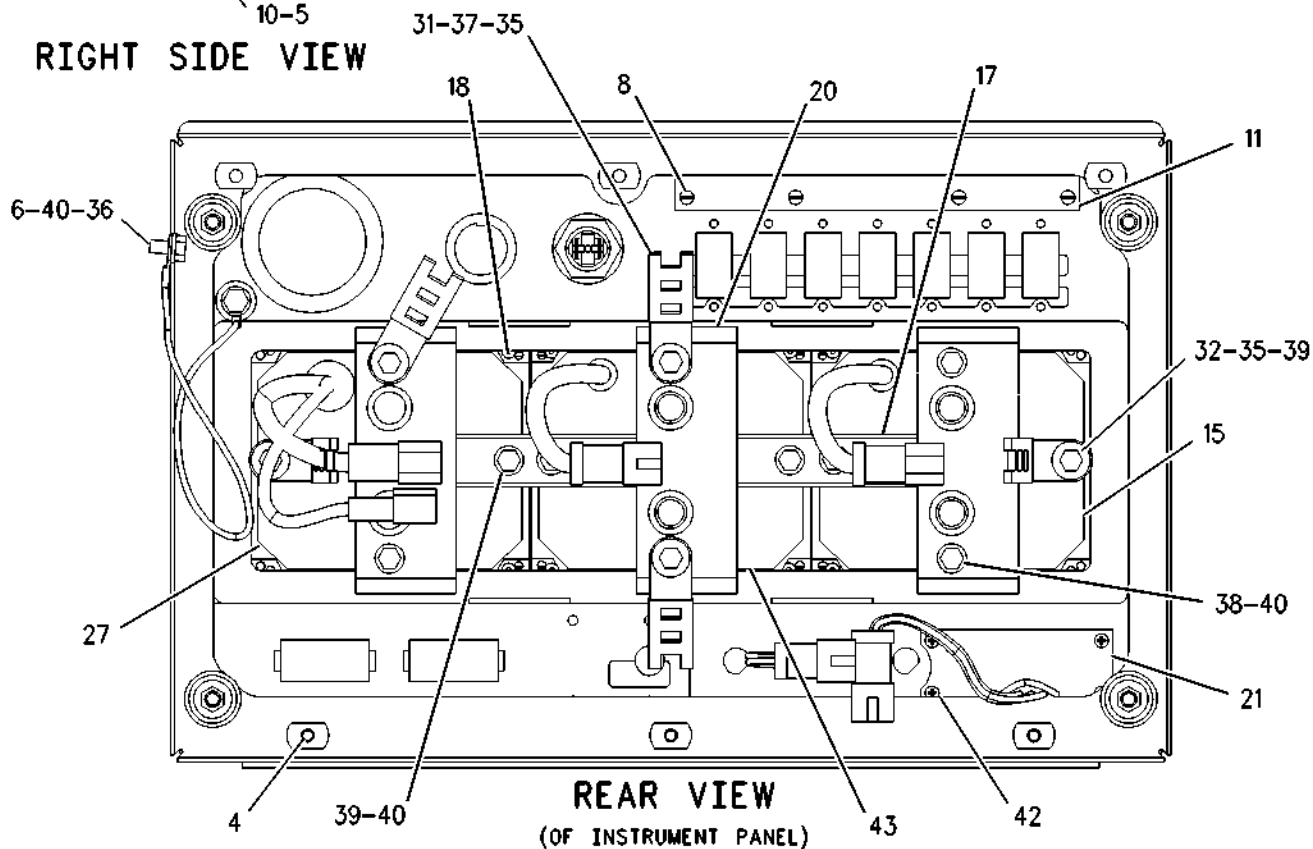
OPERATOR STATION

157-5913 INSTRUMENT GP (contd.)

i02029221



RIGHT SIDE VIEW



GRAPHIC #1

<END>

g00800601

OPERATOR STATION

178-7070 KIT-REBUILD-FINGER TIP CONTROL GEARBOX

S/N: 7PZ1-UP
FIELD INSTALLATION

SMCS-4343

i01218680

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
			(INCLUDES 1 O-RING SEAL, 2 LIP-TYPE SEALS, 1 WASHER, 4 BEARINGS, 2 GEAR ASSEMBLIES, 2 TORSION SPRINGS, 1 GASKET AND 1 LOCKNUT)						
			<END>						

OPERATOR STATION

214-0783 KIT-SEAT AIR COMPRESSOR

S/N: 7PZ615-UP

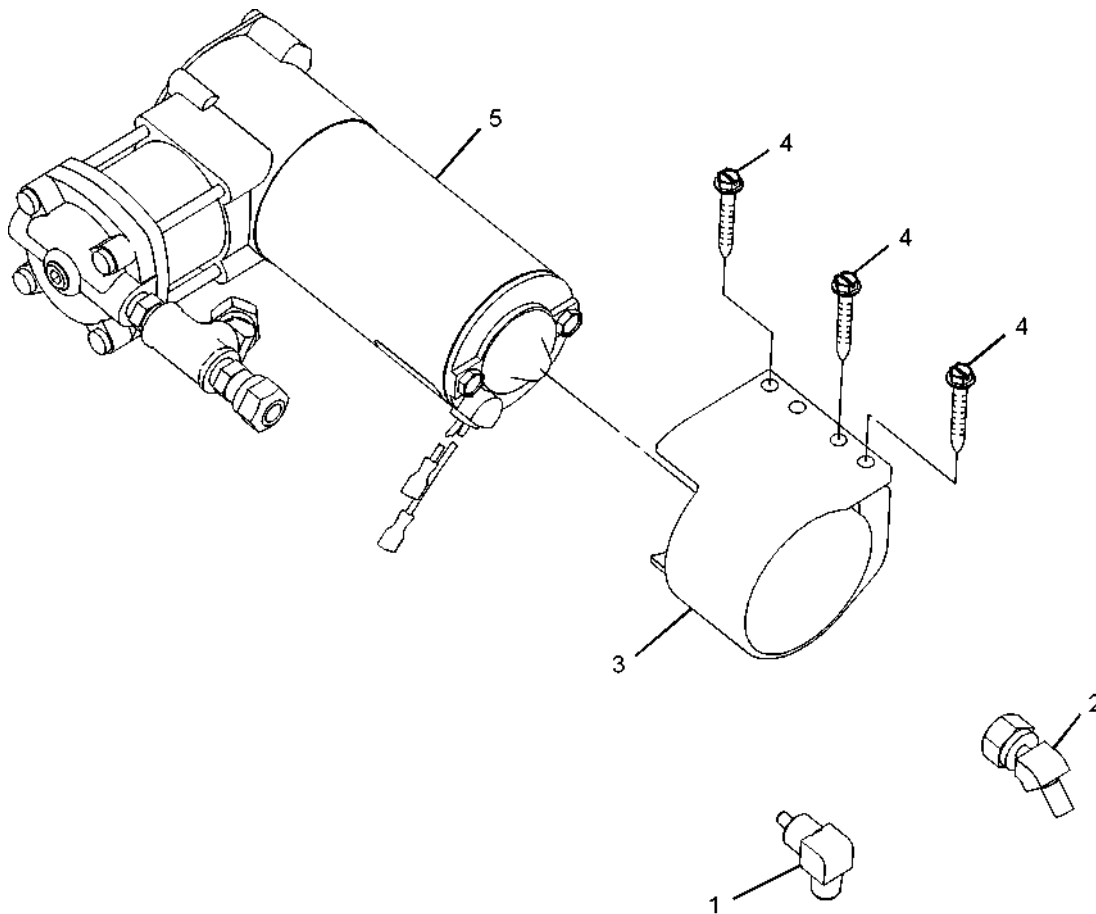
PROVIDES OPTIONAL FIELD REPLACEMENT AIR COMPRESSOR
FIELD REPLACEMENT FOR 237-3970—PAGE 995

SMCS-731K, 7324

i02012101

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-4423	1	ELBOW						
	2	1	5P-4432	1	ELBOW-AIR BRAKE						
	3	1	175-5058	1	MOUNT						
	4	1	186-5107	3	SCREW (NO 8 X 1.25 IN)						
	5	1	214-0784	1	COMPRESSOR AS						
AEF			211-5358		CONDUIT (100CM)						
ADF			5P-6010		TUBE (1M)						

A - NOT PART OF THIS GROUP
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
F - NOT SHOWN



GRAPHIC #1

<END>

g01040572

OPERATOR STATION

197-2715 KIT-WINDOW-GLASS

S/N: 7PZ1-UP

40 PSI ULTRA STRENGTH GLASS. LARGE REAR WINDOW
FIELD INSTALLATION

SMCS-7310

i01667043

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	GLASS (FRONT)						
		2	GLASS (SIDE)						
		2	GLASS (SIDE) (LH)						
		1	GLASS (DOOR) (LH)						
		1	GLASS (DOOR) (RH)						
		1	GLASS (REAR) (LG)						
		2	SHIM (22.2X56.7X0.05MM THK)						
			(INDIVIDUAL PARTS ARE NOT SERVICED SEPARATELY)						
			(SEE FORM SEHS9824-04)						
			<END>						

OPERATOR STATION

8E-3270 LINER GP-CAB

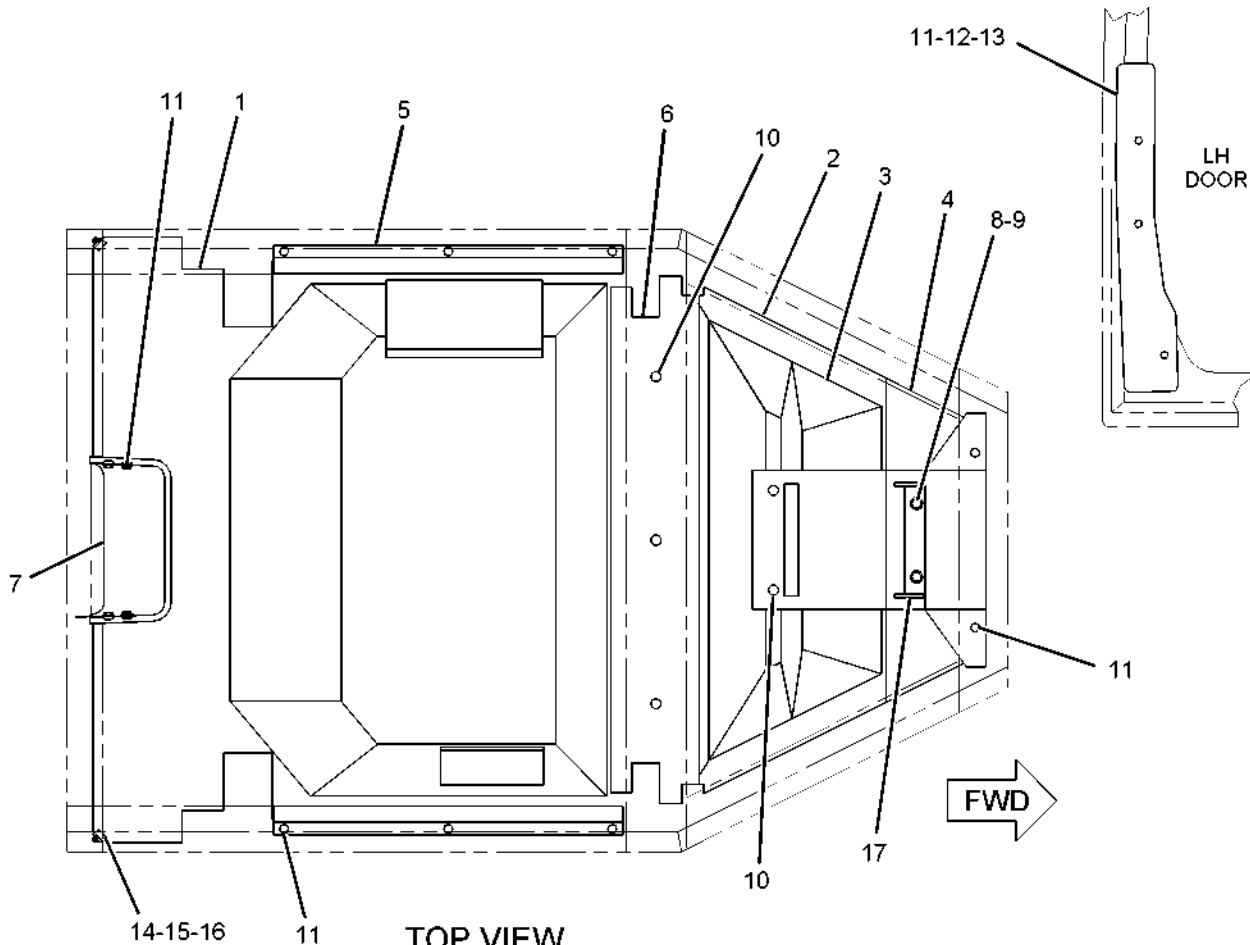
S/N: 7PZ1-UP

PART OF 157-4817 CAB AR
ALSO AN ATTACHMENT

SMCS-7329

i01963899

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-3271	1	LINER-REAR						
	2	1	8E-3272	1	LINER-FRONT						
	3	1	8E-3278	1	COVER AS						
	4	1	228-7563	1	COVER						
	5	1	8E-3273	2	PLATE						
	6	1	8E-3274	1	PLATE AS						
		1	8E-3276	3	SPACER (7.5X15X5MM THK)						
	7	1	8E-3277	1	COVER						
	8	1	5S-7379	2	BOLT (3/8-16X0.875 IN)						
	9	1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)						
	10	1	4V-6981	5	SCREW-BUTTON HEAD (1/4-20X0.75 IN)						
	11	1	6V-3884	18	SCREW-HEX SOCKET (1/4-20X0.5 IN)						
	12	1	6I-9534	1	COVER (RH DOOR)						
	13	1	6I-9535	1	COVER (LH DOOR)						
	14	1	102-0288	2	PLATE						
	15	1	008-9792	2	SCREW-WASHER HEAD (1/4-20X.5 IN)						
	16	1	8T-4205	2	WASHER-HARD (7.2X14.5X2MM THK)						
	17	1	6Y-5113	1	BRACKET						



GRAPHIC #1

TOP VIEW

<END>

g01025409

OPERATOR STATION

145-8734 LINES GP-AIR CONDITIONER

S/N: 7PZ718-753

PART OF 145-8006, 208-9099 AIR CONDITIONER AR, 157-3738 CAB AR
ALSO AN ATTACHMENT

SMCS-1808

i02029223

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	1P-6356	1	PLATE	
	2	2	175-7162	1	RECEIVER-DRYER GP (AIR CONDITIONER)	
	3	1	5D-1026	2	CLAMP-HOSE	
	4	2	7K-1181	8	STRAP-CABLE	
	5	1	9L-6331	1	BRACKET	
I	6	1	102-9948	1	HOSE AS	
I	7	1	102-9949	1	HOSE AS	
	8	2	103-6100	2	COUPLER AS-QUICK	
	9	2	114-5333	1	SWITCH AS-PRESSURE (A/C HIGH)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		2	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		2	8T-8729	2	PIN-CONNECTOR	
	10	2	116-6202	2	BOOT	
I	11	1	130-6182	1	HOSE AS	
	12	2	149-6371	1	SWITCH AS-PRESSURE (A/C LOW)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		2	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		2	8T-8729	2	PIN-CONNECTOR	
	13	2	169-7443	1	TIMER AS-ON DELAY (24-VOLT) (A/C)	
		2	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		2	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)	
		2	8T-8729	4	PIN-CONNECTOR	
	14	1	170-0235	1	ACCUMULATOR-REFRIGERANT	
	15	2	170-5293	1	HARNESS AS-HEATER & AIR COND	
I	16	2	205-1985	1	HOSE AS	
I	17	1	205-1986	1	HOSE AS	
	18	1	206-7110	1	BRACKET AS	
		1	1F-5339	1	LUG (3/8-16-THD)	
	19	1	207-4253	1	PLATE	
	20	1	207-4285	2	U-BOLT	
	21	1	109-1633	1	CLIP (SLOT)	
	22	1	109-1634	1	CLIP (TAB)	
	23	2	172-0986	1	FITTING AS-AIR CONDITIONER	
		2	3E-4051	1	CAP AS (AIR CONDITIONER) (LOW SIDE)	
		2	3E-4057	1	VALVE AS (AIR CONDITIONER)	
		2	172-4880	1	CAP-SEAL (AIR CONDITIONER)	
		2	180-7180	1	CORE-VALVE	
		2	180-7181	1	BODY-VALVE	
	24	1	1S-1015	1	CLIP	
	25	1	2K-4973	4	LOCKNUT (3/8-16-THD)	
	26	1	2Y-1834	1	CLIP	
	27	2	3E-4053	1	FITTING AS-AIR CONDITIONER	
		2	3E-4052	1	CAP AS (AIR CONDITIONER) (HIGH SIDE)	
		2	3E-4058	1	VALVE AS (AIR CONDITIONER)	
C	28	1	4D-7733	5	CLIP	
	29	1	4D-7735	1	CLIP	
	30	1,2	4L-6454	13	BOLT (3/8-16X1-IN)	
	31	2	4L-9337	2	BOLT (3/8-16X1.5-IN)	
	32	2	4P-7581	4	CLIP	
	33	2	4P-8134	3	CLIP	
	34	1,2	5P-1075	7	WASHER-HARD (10.2X22.5X3-MM THK)	
	35	1	5S-7383	1	BOLT (3/8-16X1.75-IN)	

OPERATOR STATION

145-8734 LINES GP-AIR CONDITIONER (contd.)

i02029223

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	36	1	6D-4247	3	CLIP	
	37	1,2	6V-8801	4	NUT (3/8-16-THD)	
	38	2	7S-1912	1	CLIP	
	39	1	8M-2773	1	CLIP	
	40	1,2	8T-4896	19	WASHER-HARD (10.2X18.5X2.5-MM THK)	
M	41	2	8T-6466	1	BOLT (M10X1.50X60-MM)	
	42	1	9B-7237	1	BOLT (3/8-16X1.25-IN)	
	43	2	9X-7378	1	SEAL-O-RING	
	44	1	9X-7380	3	SEAL-O-RING	
	45	1	9X-7381	3	SEAL-O-RING	
	46	1,2	9X-7382	2	SEAL-O-RING	
	47	1	9X-7383	2	SEAL-O-RING	
	48	2	9X-7385	2	SEAL-O-RING	
	49	1	5S-7379	1	BOLT (3/8-16X0.875-IN)	
D	50	1	5P-6129		TUBE (2M)	

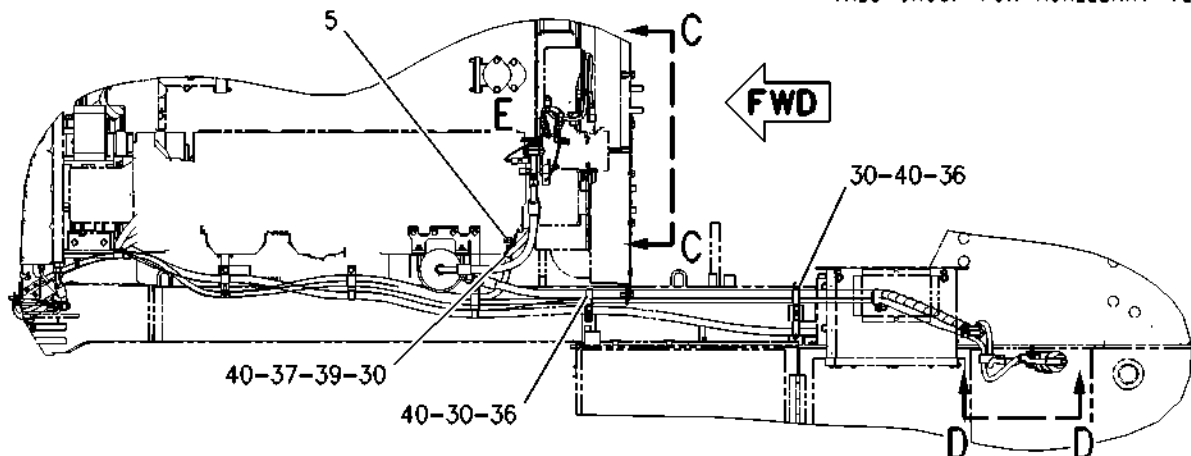
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER
I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

OPERATOR STATION

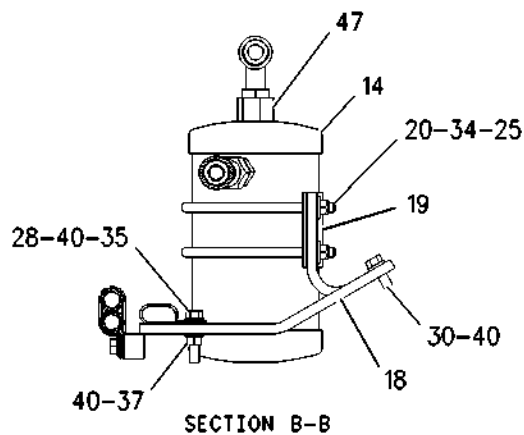
145-8734 LINES GP-AIR CONDITIONER (contd.)

i02029223

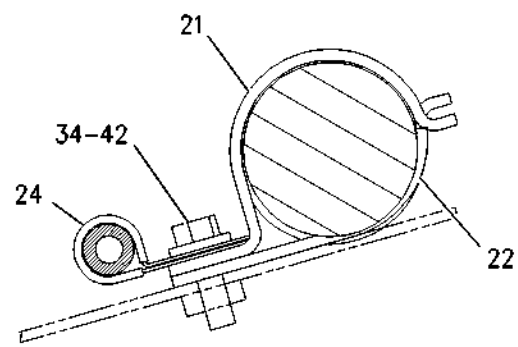
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



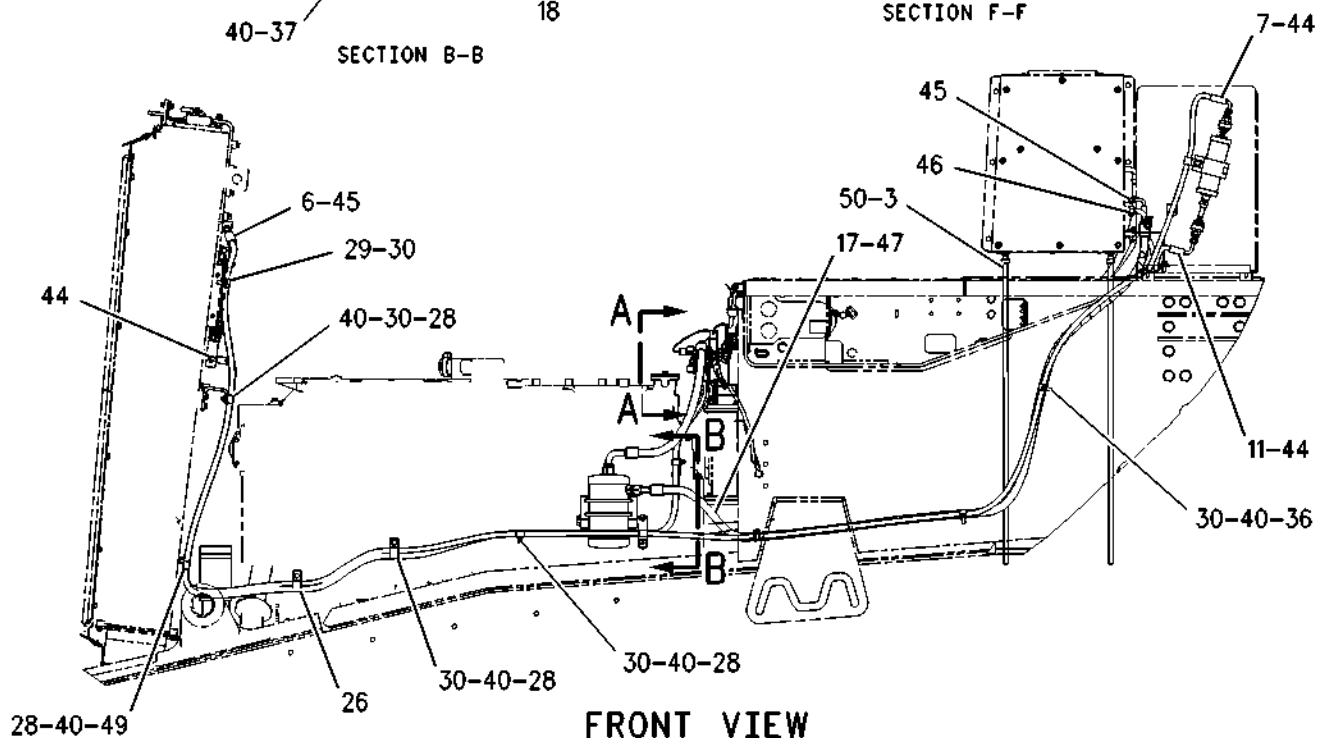
TOP VIEW



SECTION B-B



SECTION F-F



FRONT VIEW

GRAPHIC #1

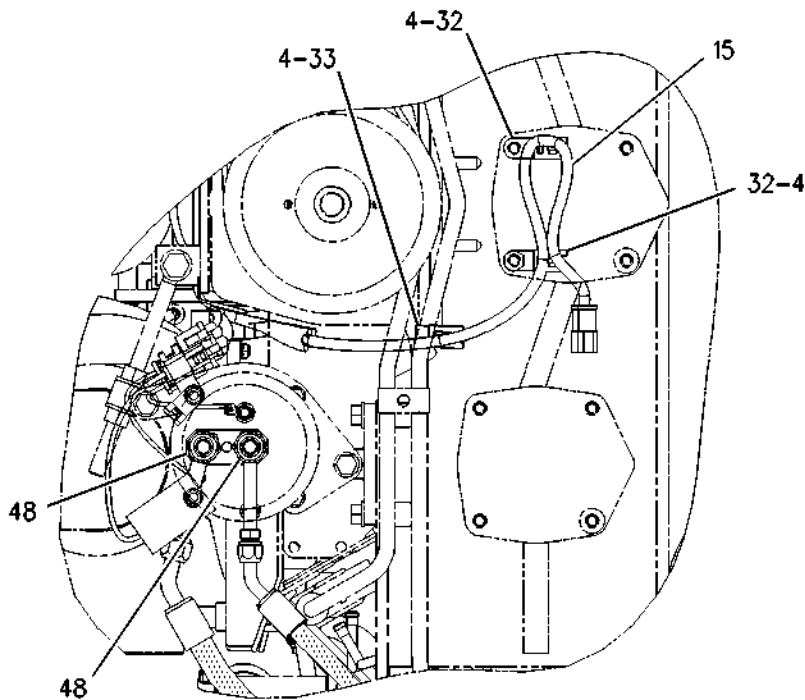
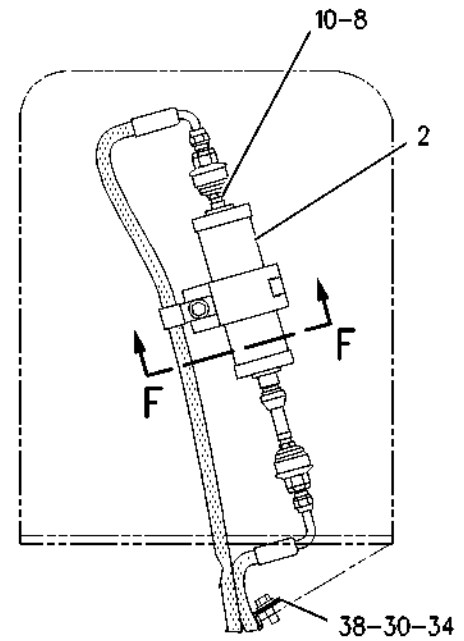
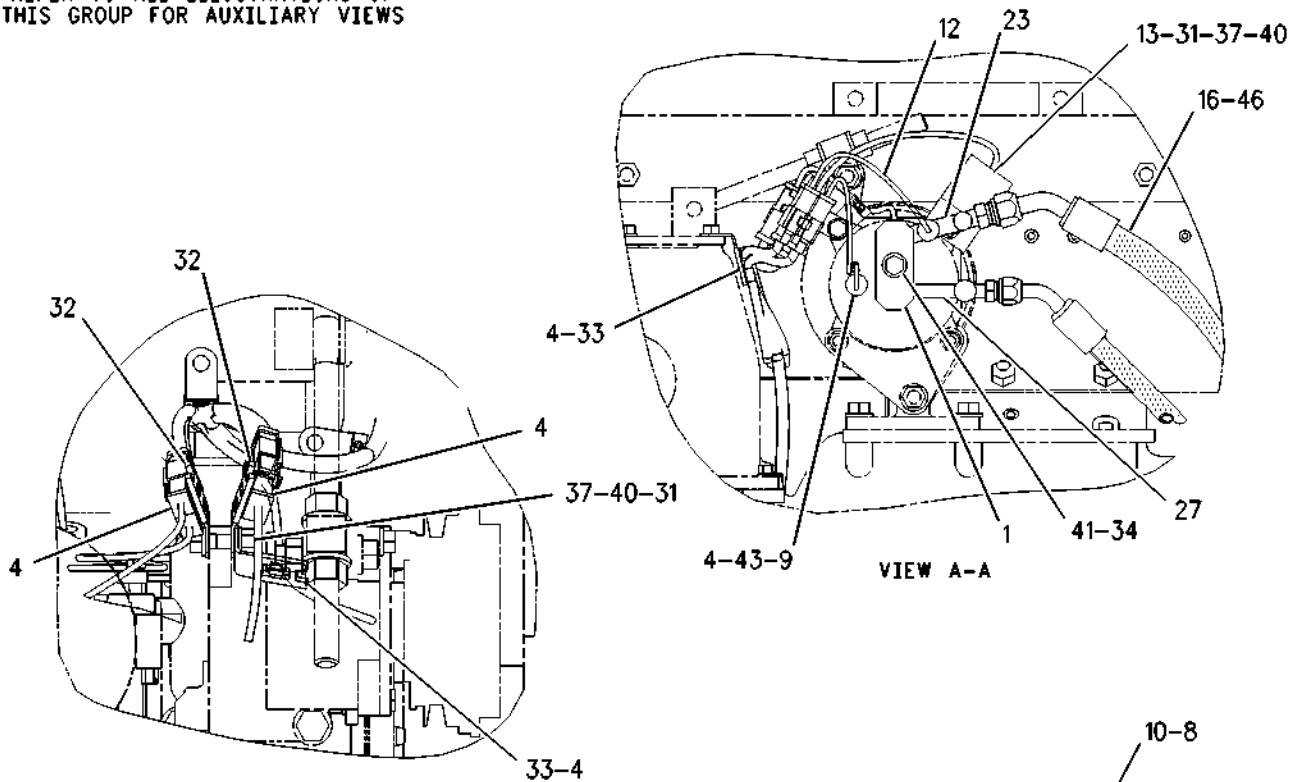
g00879027

OPERATOR STATION

145-8734 LINES GP-AIR CONDITIONER (contd.)

102029223

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #2

<END>

g00863085

OPERATOR STATION

145-8734 LINES GP-AIR CONDITIONER

S/N: 7PZ754-UP

PART OF 157-3738 CAB AR

SMCS-1808

i01989153

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-6356	1	PLATE						
	2	1	175-7162	1	RECEIVER-DRYER GP (AIR CONDITIONER)						
	3	1	5D-1026	2	CLAMP-HOSE						
	4	1	7K-1181	8	STRAP-CABLE						
	5	1	9L-6331	1	BRACKET						
I	6	1	102-9948	1	HOSE AS						
I	7	1	102-9949	1	HOSE AS						
	8	1	103-6100	2	COUPLER AS-QUICK (REFRIGERANT)						
	9	1	114-5333	1	SWITCH AS-PRESSURE (A/C HIGH)						
BE		1	9X-1386		SLEEVE						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	10	1	116-6202	2	BOOT						
I	11	1	130-6182	1	HOSE AS						
	12	1	149-6371	1	SWITCH AS-PRESSURE (A/C LOW)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	13	1	169-7443	1	TIMER AS-ON DELAY (24 VOLT) (A/C)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	14	1	170-0235	1	ACCUMULATOR-REFRIGERANT						
	15	1	170-5293	1	HARNESS AS-HEATER & AIR COND						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	8T-8737	2	PLUG-SEAL						
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
					(EACH INCLUDES PLUG AS & WEDGE)						
	16	1	207-4253	1	PLATE						
	17	1	207-4285	2	U-BOLT						
	18	1	241-1735	1	HOSE AS						
I	19	1	241-1736	1	HOSE AS						
	20	1	241-1742	1	BRACKET AS						
		1	1F-5339	1	LUG (3/8-16 THD)						
	21	1	109-1633	1	CLIP (SLOT)						
	22	1	109-1634	1	CLIP (TAB)						
	23	1	172-0986	1	FITTING AS-AIR CONDITIONER						
		1	3E-4051	1	CAP AS (AIR CONDITIONER) (LOW SIDE)						
		1	3E-4057	1	VALVE AS (AIR CONDITIONER) (LOW SIDE)						
		1	172-4880	1	CAP-SEAL (AIR CONDITIONER)						
		1	180-7180	1	CORE-VALVE						
		1	180-7181	1	BODY-VALVE (LOW SIDE SWITCH PORT)						
	24	1	1S-1015	1	CLIP						
	25	1	2K-4973	4	LOCKNUT (3/8-16 THD)						
	26	1	2Y-1834	1	CLIP						
	27	1	3E-4053	1	FITTING AS-AIR CONDITIONER						
		1	3E-4052	1	CAP AS (AIR CONDITIONER) (HIGH SIDE)						
		1	3E-4058	1	VALVE AS (AIR CONDITIONER) (HIGH SIDE)						
	28	1	4D-7733	5	CLIP						
	29	1	4D-7735	1	CLIP						
	30	1	4K-8302	1	CLIP						
	31	1	4L-6454	13	BOLT (3/8-16X1 IN)						
	32	1	4L-9337	2	BOLT (3/8-16X1.5 IN)						
	33	1	4P-7581	4	CLIP						
	34	1	4P-8134	3	CLIP						
	35	1	5P-1075	7	WASHER-HARD (10.2X22.5X3MM THK)						

OPERATOR STATION

145-8734 LINES GP-AIR CONDITIONER (contd.)

i01989153

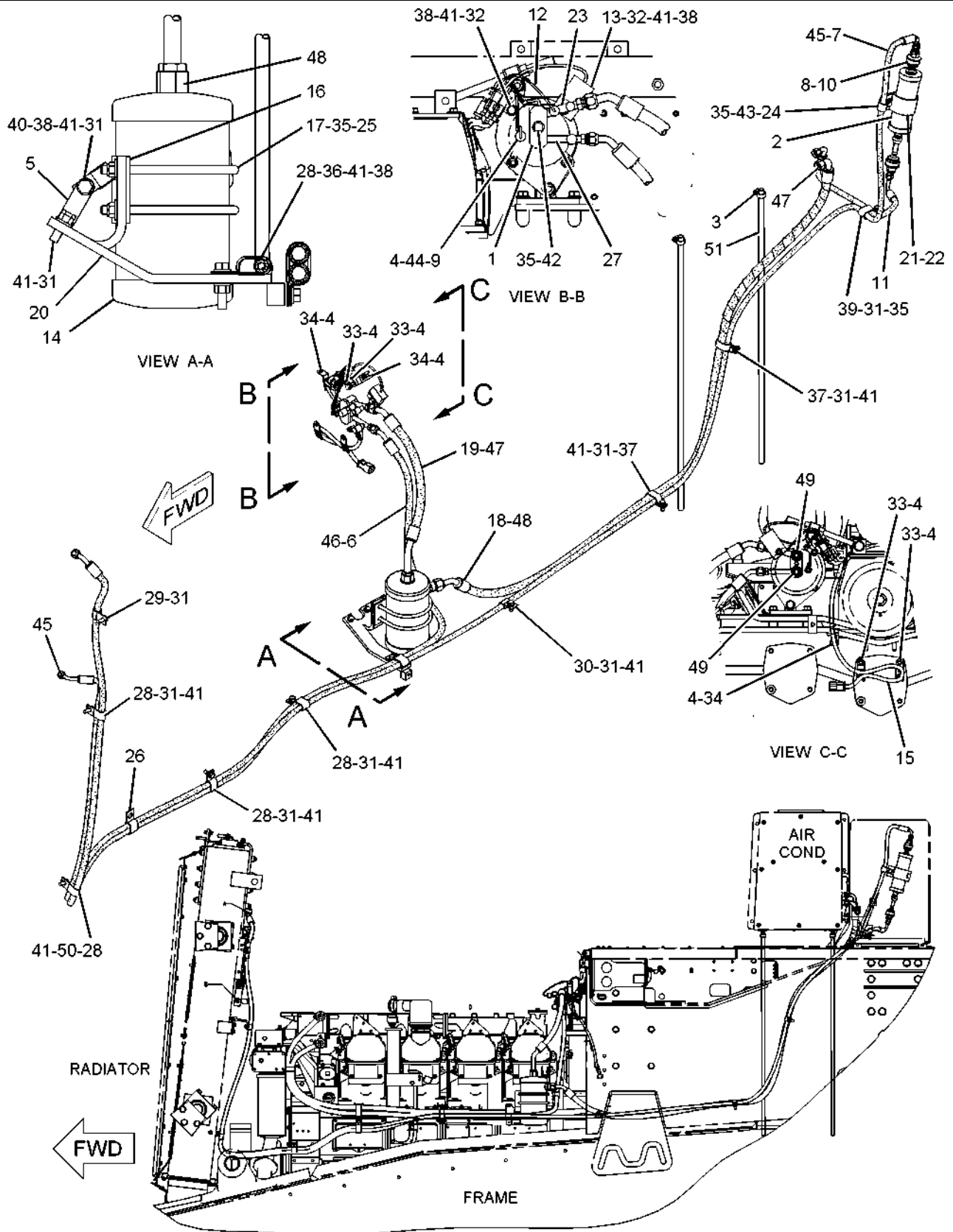
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	36	1	5S-7383	1	BOLT (3/8-16X1.75 IN)						
	37	1	6D-4247	2	CLIP						
	38	1	6V-8801	4	NUT (3/8-16 THD)						
	39	1	7S-1912	1	CLIP						
	40	1	8M-2773	1	CLIP						
	41	1	8T-4896	19	WASHER-HARD (10.2X18.5X2.5MM THK)						
M	42	1	8T-6466	1	BOLT (M10X1.50X60MM)						
	43	1	9B-7237	1	BOLT (3/8-16X1.25 IN)						
	44	1	9X-7378	1	SEAL-O-RING						
	45	1	9X-7380	2	SEAL-O-RING						
	46	1	9X-7381	2	SEAL-O-RING						
	47	1	9X-7382	2	SEAL-O-RING						
	48	1	9X-7383	2	SEAL-O-RING						
	49	1	9X-7385	2	SEAL-O-RING						
	50	1	5S-7379	1	BOLT (3/8-16X0.875 IN)						
BD	51	1	5P-6129		TUBE						

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

OPERATOR STATION

145-8734 LINES GP-AIR CONDITIONER (contd.)

i01989153



LEFT SIDE VIEW
<END>

GRAPHIC #1

g01026789

OPERATOR STATION

130-6177 LINES GP-HEATER

S/N: 7PZ1-640

PART OF 157-3738 CAB AR

SMCS-7304

i01989157

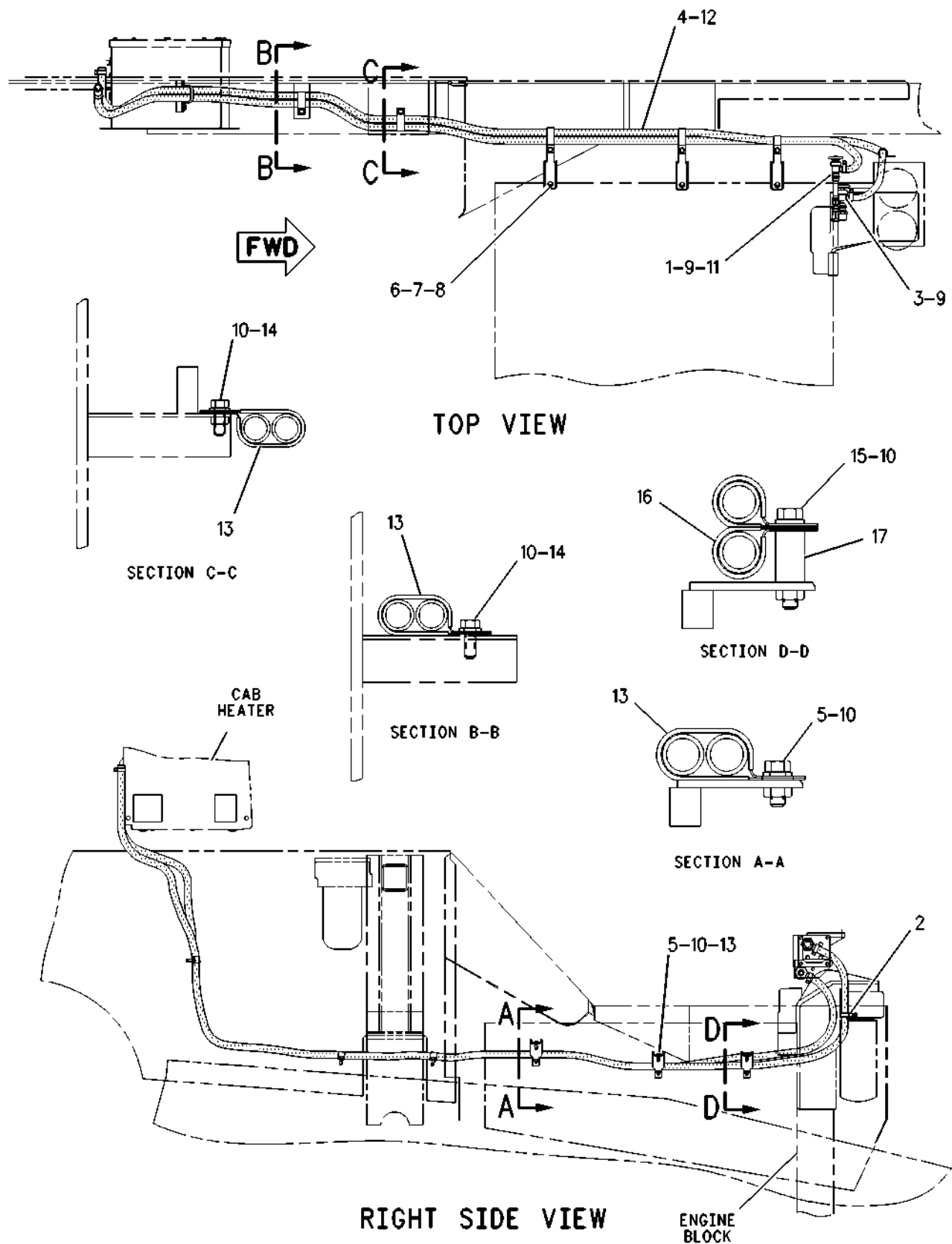
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	4F-0186	1	NIPPLE-PIPE						
C	2	1	9X-8250	1	CLIP						
C	3	1	7X-0495	1	ADAPTER						
	4	1	130-6187	2	HOSE						
C	5	1	5S-7379	2	BOLT (3/8-16X0.875 IN)						
	6	1	9W-2636	3	BRACKET AS						
					(EACH INCLUDES)						
		1	1F-0750	1	NUT-WELD (3/8-16THD)						
		1	1F-5339	1	LUG (3/8-16 THD)						
	7	1	4L-6454	3	BOLT (3/8-16X1 IN)						
	8	1	5P-1075	3	WASHER-HARD (10.2X22.5X3MM THK)						
C	9	1	003-9514	2	COUPLING-PIPE						
C	10	1	8T-4896	6	WASHER-HARD (10.2X18.5X2.5MM THK)						
	11	1	005-7889	2	VALVE AS						
	12	1	5D-1026	4	CLAMP-HOSE						
C	13	1	6D-4247	5	CLIP						
	14	1	9B-7237	3	BOLT (3/8-16X1.25 IN)						
C	15	1	8T-9377	1	BOLT (3/8-16X2.25 IN)						
C	16	1	4S-1962	2	CLIP						
C	17	1	2S-3770	1	SPACER (11X19X33.5MM THK)						

C- CHANGE FROM PREVIOUS TYPE

OPERATOR STATION

130-6177 LINES GP-HEATER (contd.)

i01989157



GRAPHIC #1

<END>

g00659601

OPERATOR STATION

130-6177 LINES GP-HEATER

S/N: 7PZ641-UP

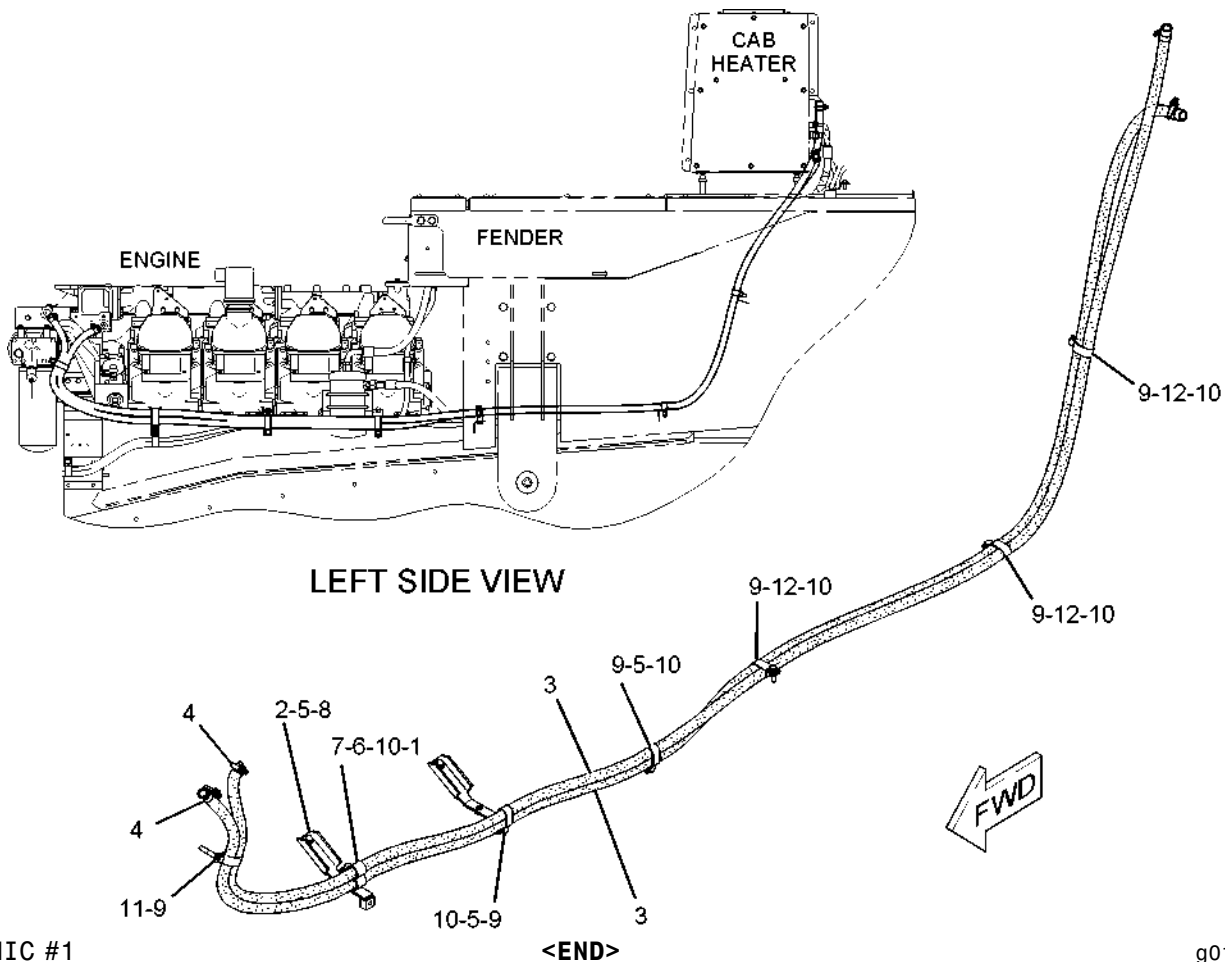
PART OF 157-3738 CAB AR

SMCS-7304

i01989156

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2S-3770	1	SPACER (11X19X33.5MM THK)						
C	2	1	9W-2636	2	BRACKET AS						
					(EACH INCLUDES)						
		1	1F-0750	1	NUT-WELD (3/8-16THD)						
		1	1F-5339	1	LUG (3/8-16 THD)						
	3	1	130-6187	2	HOSE						
C	4	1	159-1503	4	CLAMP-HOSE						
C	5	1	4L-6454	4	BOLT (3/8-16X1 IN)						
C	6	1	4L-6459	1	BOLT (3/8-16X2.5 IN)						
	7	1	4S-1962	2	CLIP						
C	8	1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)						
C	9	1	6D-4247	6	CLIP						
	10	1	8T-4896	6	WASHER-HARD (10.2X18.5X2.5MM THK)						
	11	1	8T-9377	1	BOLT (3/8-16X2.25 IN)						
	12	1	9B-7237	3	BOLT (3/8-16X1.25 IN)						

C- CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g01025117

OPERATOR STATION

6Y-3712 MIRROR GP-REAR VIEW

S/N: 7PZ1-UP

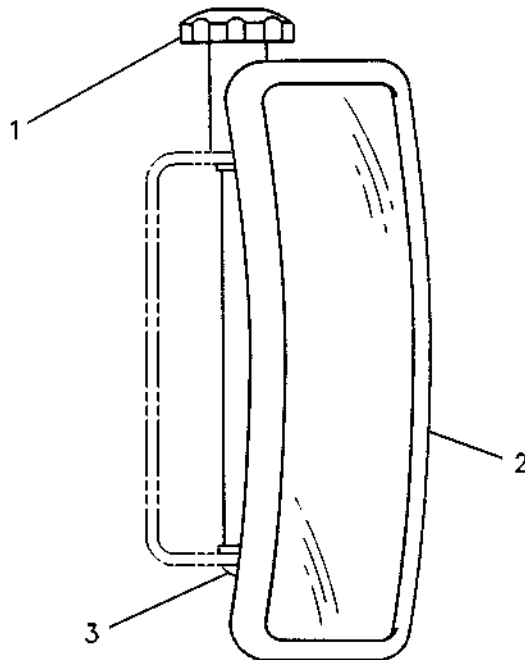
PART OF 157-4817 CAB AR

ALSO AN ATTACHMENT

SMCS-7319

i01989126

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9P-9388	1	KNOB (MIRROR ADJUSTMENT)						
	2	1	5P-6874	1	MIRROR (REAR VIEW)						
	3	1	5K-9179	1	BOLT-ROUND HEAD (3/8-16X11 IN)						



GRAPHIC #1

<END>

g00230747

OPERATOR STATION

149-2357 MODULE GP-MESSAGE CENTER

S/N: 7PZ1-602

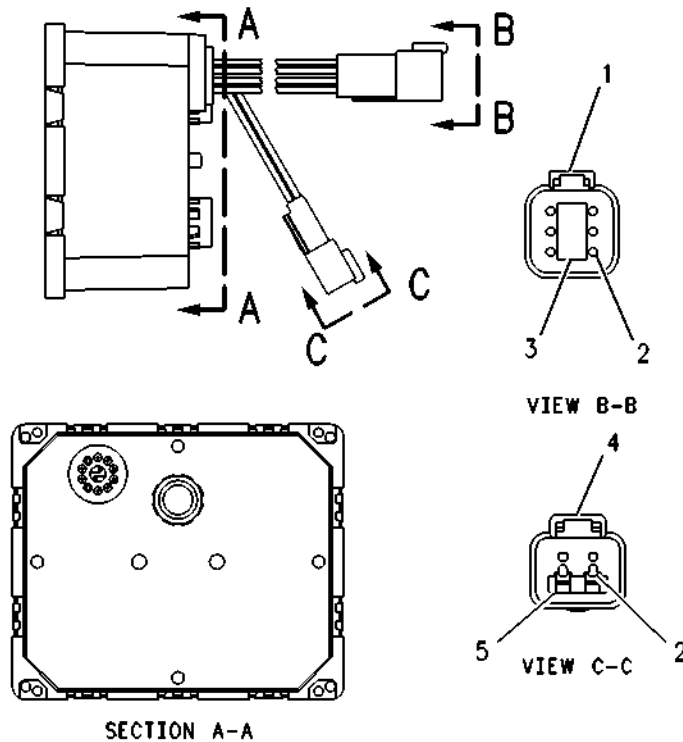
PART OF 157-5913 INSTRUMENT GP

SMCS-7601

i01660359

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	8T-8729	8	PIN-CONNECTOR						
J	3	1	3E-3383	1	WEDGE-RECEPTACLE LOCK						
L	4	1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
L	5	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						

J-KIT MARKED J INCLUDES PART MARKED J
L-KIT MARKED L INCLUDES PART MARKED L



GRAPHIC #1

<END>

g00330556

OPERATOR STATION

179-1730 MODULE GP-MESSAGE CENTER

S/N: 7PZ603-UP

PART OF 157-5913 INSTRUMENT GP

SMCS-7601

i01700597

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	186-1681	1	CONTROL AS-ELECTRONIC						
	102-8802	1	KIT-RECEPTACLE (2 PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	102-8805	1	KIT-RECEPTACLE (6 PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
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OPERATOR STATION

183-2009 MODULE GP-MONITOR KEYPAD

S/N: 7PZ1-UP

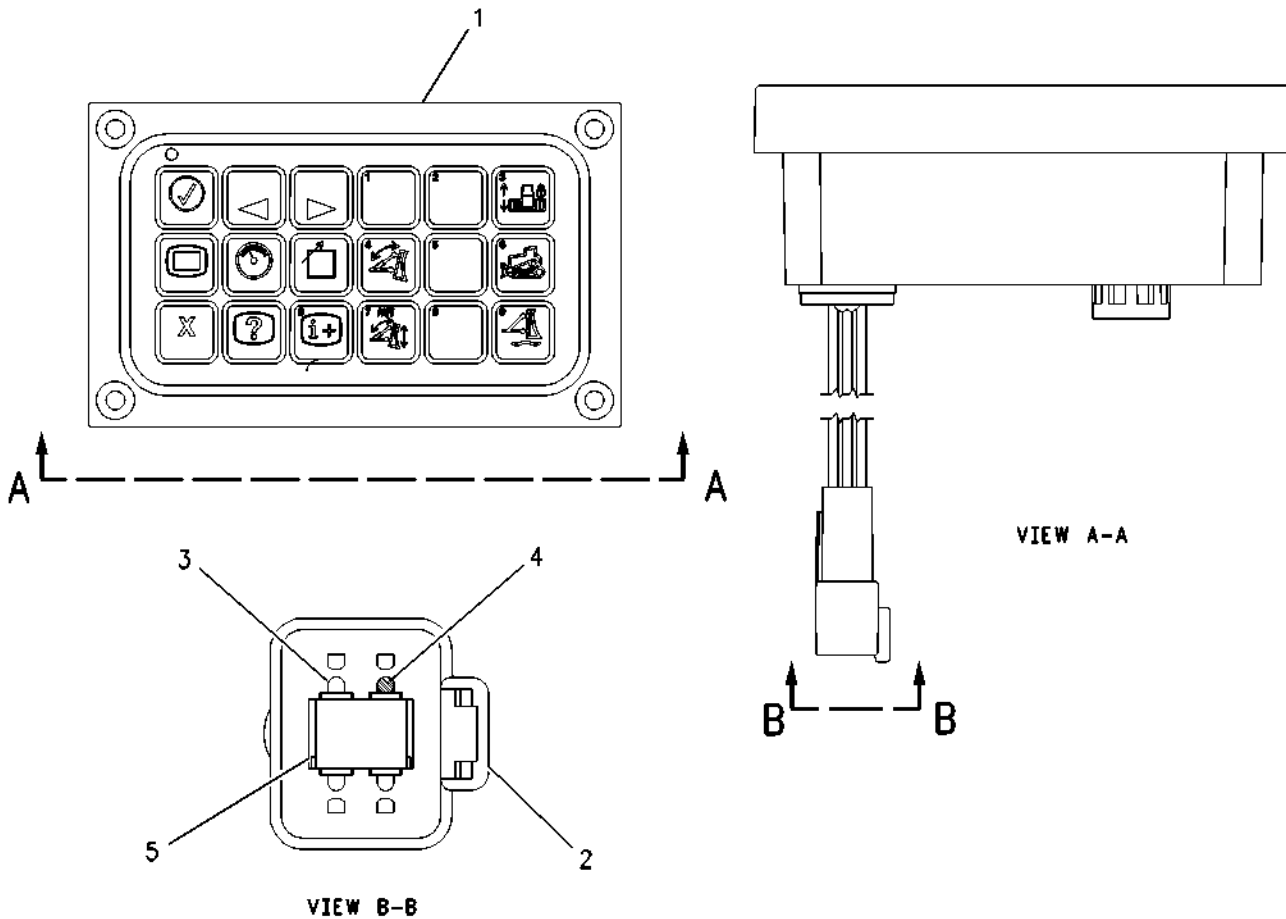
(INTERNATIONAL VERSION)

PART OF 183-2076 CONTROL GP-ELECTRONIC

SMCS-7490

i01290941

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	178-3951	1	FILM-KEYPAD						
	2	1	102-8804	1	KIT-RECEPTACLE (4 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	8T-8729	3	PIN-CONNECTOR						
	4	1	8T-8737	1	PLUG-SEAL						
	5	1	3E-3377	1	WEDGE-RECEPTACLE LOCK						



GRAPHIC #1

<END>

g00664936

OPERATOR STATION

225-9217 MODULE GP-MONITOR KEYPAD

S/N: 7PZ1-UP

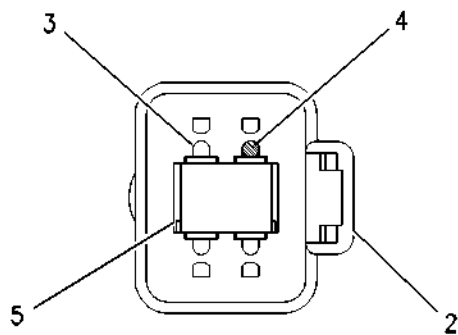
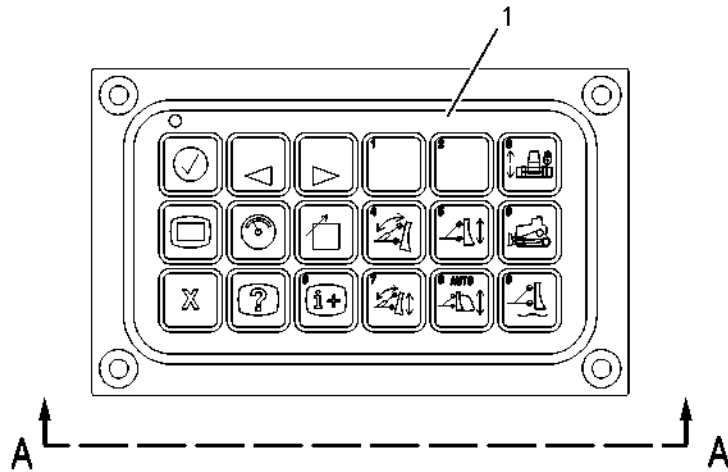
AUTOCARRY

PART OF 165-5018, 183-2076 CONTROL GP-ELECTRONIC

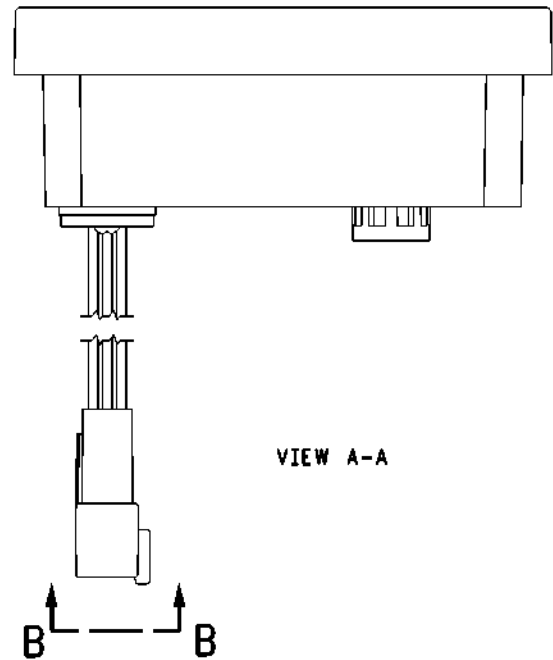
SMCS-7490

i01831055

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	225-6343	1	FILM (AUTOCARRY KEYPAD)						
	2	1	102-8804	1	KIT-RECEPTACLE (4 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	186-3735	3	PIN-CONNECTOR						
	4	1	8T-8737	1	PLUG-SEAL						
	5	1	3E-3377	1	WEDGE-RECEPTACLE LOCK						



VIEW B-B



VIEW A-A

GRAPHIC #1

<END>

g00934704

OPERATOR STATION

166-6928 MODULE GP-QUAD GAUGE

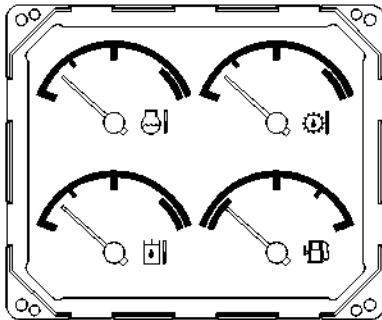
S/N: 7PZ1-UP

PART OF 157-5913 INSTRUMENT GP

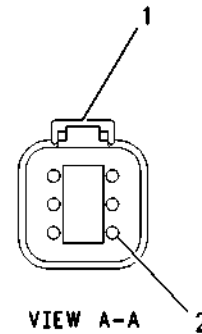
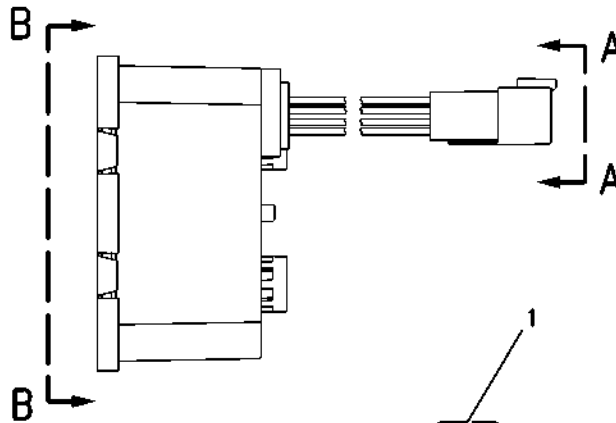
SMCS-7450, 7451, 7490

i02023668

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	8T-8729	6	PIN-CONNECTOR						



VIEW B-B



VIEW A-A

GRAPHIC #1

<END>

g00587276

OPERATOR STATION

137-7616 MODULE GP-SPEEDOMETER & TACH

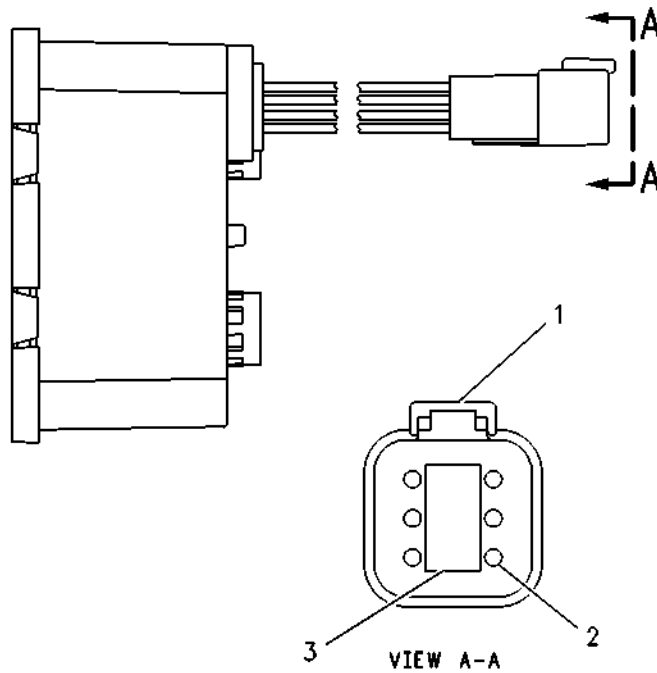
S/N: 7PZ1-UP

PART OF 157-5913 INSTRUMENT GP

SMCS-7462, 7463

i01290943

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	8T-8729	6	PIN-CONNECTOR						
	3	1	3E-3383	1	WEDGE-RECEPTACLE LOCK						



GRAPHIC #1

<END>

g00257820

OPERATOR STATION

147-7976 MOTOR GP-WINDOW WIPER-FRONT

S/N: 7PZ1-UP

24 VOLT

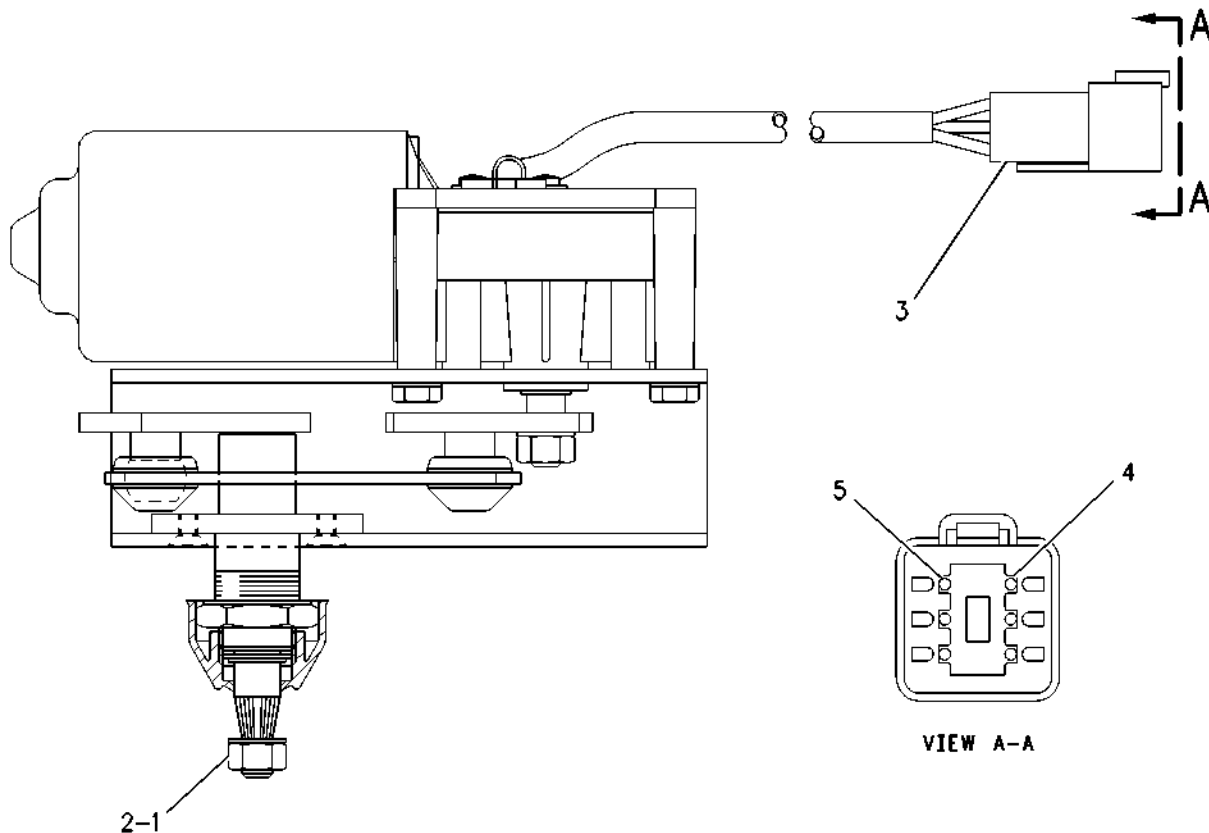
PART OF 157-3735 WIPER GP-WINDOW

ALSO AN ATTACHMENT

SMCS-7305

i01173629

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	5C-7261	1	NUT (M8X1.25 THD)						
	2	1	3F-9556	1	LOCKWASHER (8.4MM ID)						
	3	1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	4	1	9G-3695	1	PLUG-SEAL						
	5	1	8T-8729	5	PIN-CONNECTOR						
M-METRIC PART											



GRAPHIC #1

<END>

g00462703

OPERATOR STATION

117-1852 MOUNTING GP-CAB

S/N: 7PZ1-UP

PART OF 157-3738 CAB AR

SMCS-7266, 7301

i01692468

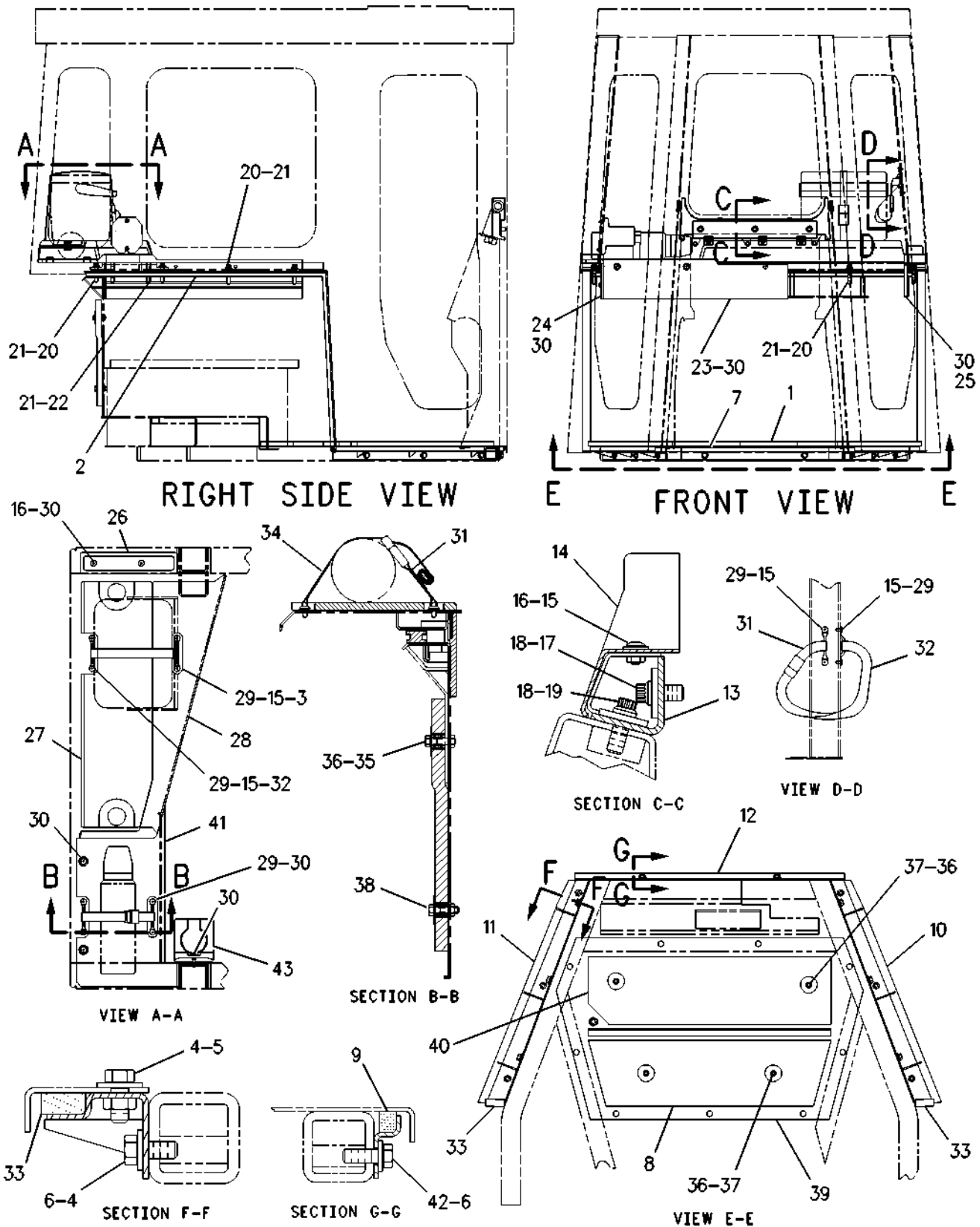
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	121-9258	1	FLOOR MAT-UPPER						
BD	2	1	5P-7513		SEAL						
	3	1	154-3079	1	STRAP						
	4	1	5S-7379	12	BOLT (3/8-16X0.875 IN)						
	5	1	7X-0772	6	WASHER-HARD (10.2X25.5X2.5MM THK)						
	6	1	5P-1075	8	WASHER-HARD (10.2X22.5X3MM THK)						
	7	1	121-9259	1	FLOOR MAT-LOWER						
	8	1	111-7090	1	LINER						
	9	1	9P-2262	1	SEAL						
	10	1	7G-1785	1	PLATE AS						
		1	1F-0750	3	NUT-WELD (3/8-16 THD)						
	11	1	7G-1786	1	PLATE AS						
		1	1F-0750	3	NUT-WELD (3/8-16 THD)						
	12	1	7G-1744	1	PLATE						
	13	1	8E-6834	1	PLATE AS						
		1	9F-6445	2	NUT-WELD (1/4-20 THD)						
	14	1	8E-6877	1	COVER						
	15	1	6V-3884	10	SCREW-HEX SOCKET (1/4-20X0.5 IN)						
	16	1	9X-2038	4	WASHER (7X19X2MM THK)						
	17	1	3E-6918	3	BOLT (1/2-13X1 IN)						
	18	1	7X-0618	6	WASHER-HARD (13.5X40X5MM THK)						
	19	1	9X-2508	3	BOLT-12 POINT HEAD (1/2-13X1.25 IN)						
	20	1	3E-6919	11	BOLT (1/2-13X2.25 IN)						
	21	1	7X-3392	22	WASHER-HARD (13.5X22.5X3MM THK)						
	22	1	3E-6920	4	BOLT (1/2-13X3 IN)						
	23	1	105-3380	1	COVER						
	24	1	8E-7238	1	COVER						
	25	1	124-6838	1	COVER						
	26	1	8E-7235	1	TRAY						
	27	1	8E-7236	1	COVER						
	28	1	8E-7237	1	COVER						
	29	1	6Y-0206	6	RETAINER						
	30	1	8T-1572	17	SCREW-HEX SOCKET (1/4-20X1 IN)						
	31	1	7G-4824	2	STRAP						
	32	1	8E-7791	2	STRAP						
BD	33	1	5P-5755		SEAL						
	34	1	7G-4823	1	STRAP						
	35	1	9B-7237	5	BOLT (3/8-16X1.25 IN)						
		1	9P-4898	5	SPACER (12.7X19.05X19MM THK)						
	36	1	7K-3222	9	WASHER (10.3X44.4X2MM THK)						
	37	1	3K-6060	4	LOCKNUT (3/8-16 THD)						
	38	1	8E-9595	1	LINER						
	39	1	8E-9592	1	PLATE AS						
		1	1F-0748	4	NUT-WELD (1/2-13 THD)						
		1	8J-9383	4	STUD-WELD (3/8-16X1.75 IN OAL)						
	40	1	111-7091	1	LINER						
	41	1	8E-7239	1	COVER						
	42	1	8T-2502	2	BOLT (3/8-16X1.125 IN)						
	43	1	135-1823	1	HOLDER						

B-USE AS REQUIRED
D-ORDER BY THE METER

OPERATOR STATION

117-1852 MOUNTING GP-CAB (contd.)

i01692468



GRAPHIC #1

<END>

g00748985

OPERATOR STATION

9U-9552 MOUNTING GP-RADIO

S/N: 7PZ1-UP
FIELD INSTALLATION

SMCS-7338

i01989138

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	3E-6601	1	FILM-NOTICE (RADIO)						
	3E-8362	1	FILM-NOTICE (RADIO)						
	6V-8185	2	NUT (1/4-20 THD)						
	8E-4836	1	PLATE						
	6V-8969	3	SCREW-BUTTON HEAD						
<END>									

OPERATOR STATION

173-9170 MOUNTING GP - ROPS

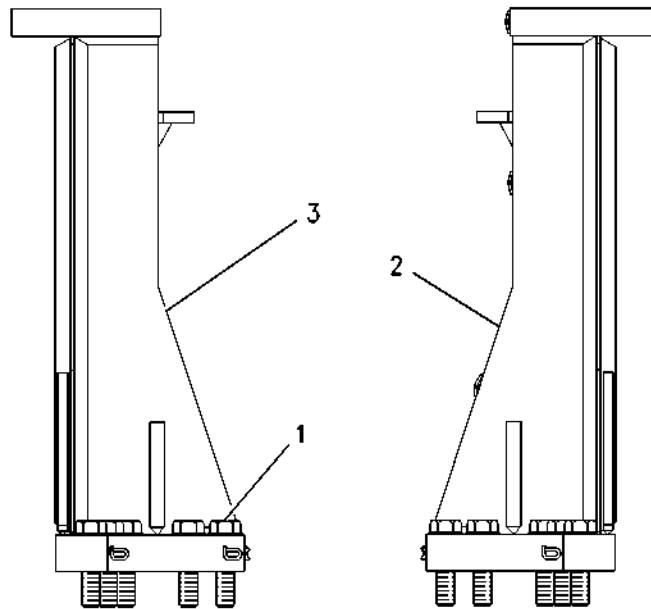
S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

SMCS-7266

i01981275

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-8953	20	BOLT (1-1/2-6 THD)						
		1	3S-6162	20	WASHER-HARD (40.5X67X6MM THK)						
	2	1	173-9169	1	SUPPORT AS (RH)						
	3	1	173-9168	1	SUPPORT AS (LH)						



FRONT VIEW

GRAPHIC #1

<END>

g00581238

OPERATOR STATION

108-8421 PAN GP-BACKREST-CONTOUR SEAT

S/N: 7PZ1-391

LUMBAR

PART OF 8Y-5976, 8Y-5986 SEAT GP

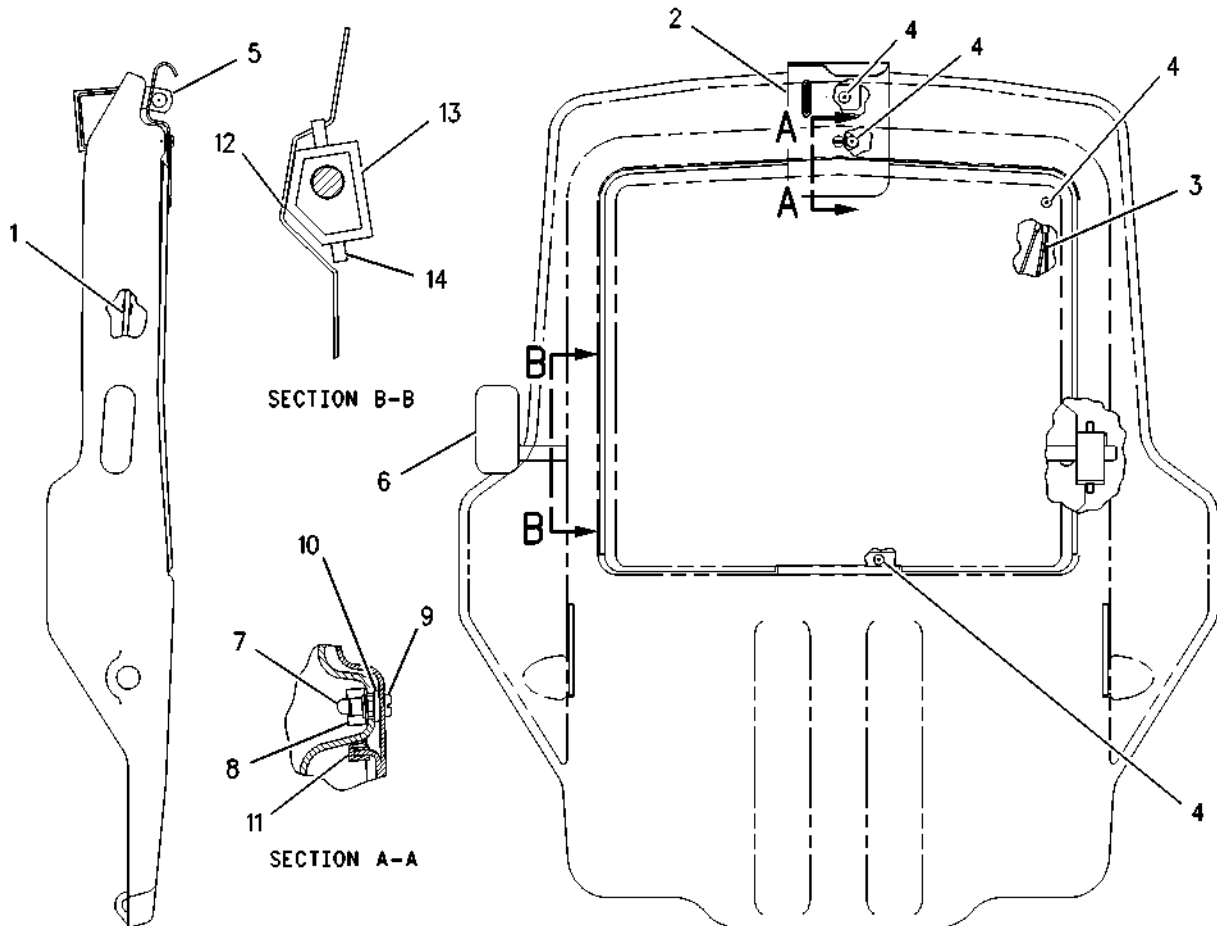
ALSO AN ATTACHMENT

SMCS-7312

i01818937

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9M-5733	2	RIVET-POP (4.78MM DIA)						
	2	1	8Y-6006	1	LID AS						
	3	1	8Y-6010	1	LANYARD						
	4	1	4S-8287	8	RIVET-POP (6MM DIA)						
	5	1	8Y-5972	1	LATCH						
	6	1	108-8423	1	SHAFT AS-LUMBAR						
	7	1	3E-4336	1	STUD-BALL						
	8	1	3E-4335	1	CLIP						
	9	1	2F-7306	1	SCREW-MACHINE (6-32X.25 IN)						
	10	1	8F-1462	1	WASHER-PLATED						
E	11	1	3E-6575		SEAL (76CM)						
	12	1	108-8424	1	PAN-LUMBAR						
	13	1	8Y-5903	2	CAM						
	14	1	3E-4362	2	PIN-SPRING						

E-ORDER BY THE CENTIMETER



LEFT SIDE VIEW

REAR VIEW

GRAPHIC #1

<END>

g00383446

OPERATOR STATION

178-0605 PAN GP-BACKREST-VINYL

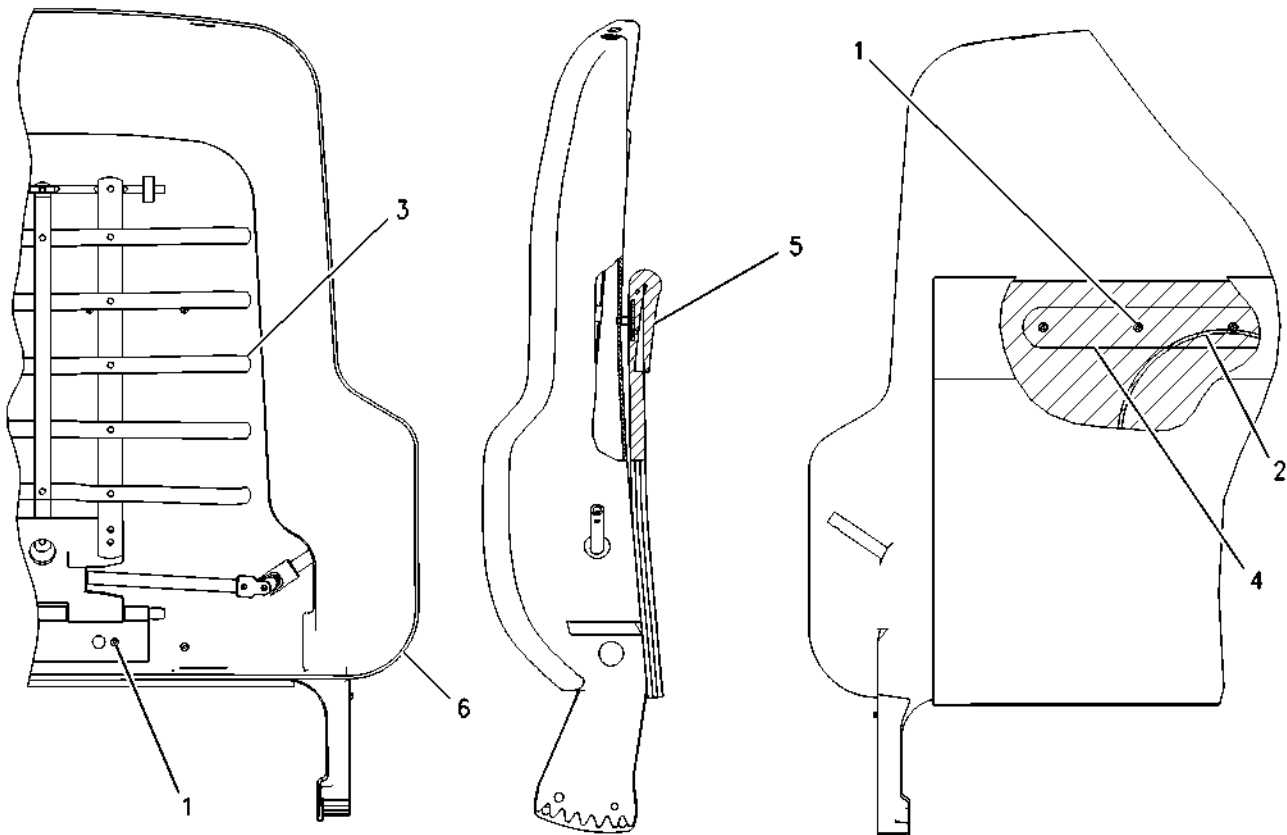
S/N: 7PZ392-UP

PART OF 180-7305, 180-7307 PAN GP-BACKREST
ALSO AN ATTACHMENT

SMCS-7312

i01508995

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4K-9429	8	RIVET-POP						
	2	1	5P-7957	1	LANYARD						
	3	1	136-1543	1	PLATE AS-LUMBAR						
	4	1	173-2052	1	RETAINER						
	5	1	178-7907	1	HOLDER						
	6	1	177-4930	1	PAN AS-BACK						



GRAPHIC #1

<END>

g00716497

OPERATOR STATION

180-7305 PAN GP-BACKREST-VINYL

S/N: 7PZ1-UP

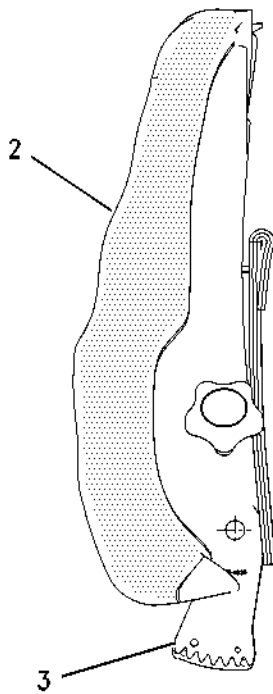
PART OF 180-7304 SEAT GP
AN ATTACHMENT

SMCS-7312

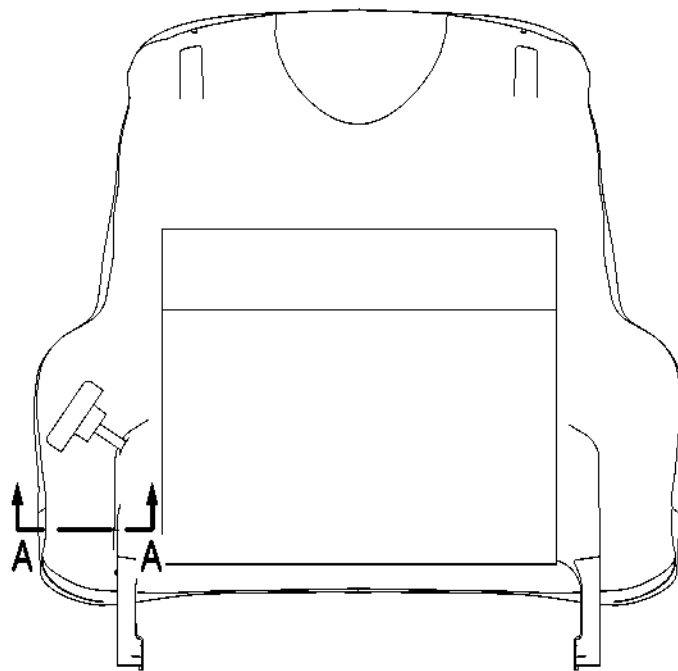
i01653940

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	164-4883	1	1 2 3 4 5 6 (PRODUCT LEVEL) KNOB-LUMBAR	
	2	1	169-0697	1	CUSHION AS	
		1	184-2300	1	FILM (SEAT CUSHION IDENTIFICATION)	
Y	3	1	178-0605	1	PAN GP-BACKREST	1080
	4	1	8T-7566	1	PIN-SPRING	

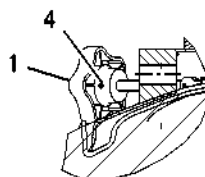
Y-SEPARATE ILLUSTRATION



LEFT SIDE VIEW



REAR VIEW



SECTION A-A

GRAPHIC #1

<END>

g00678939

OPERATOR STATION

180-7307 PAN GP-BACKREST-VINYL

S/N: 7PZ392-UP

BROWN

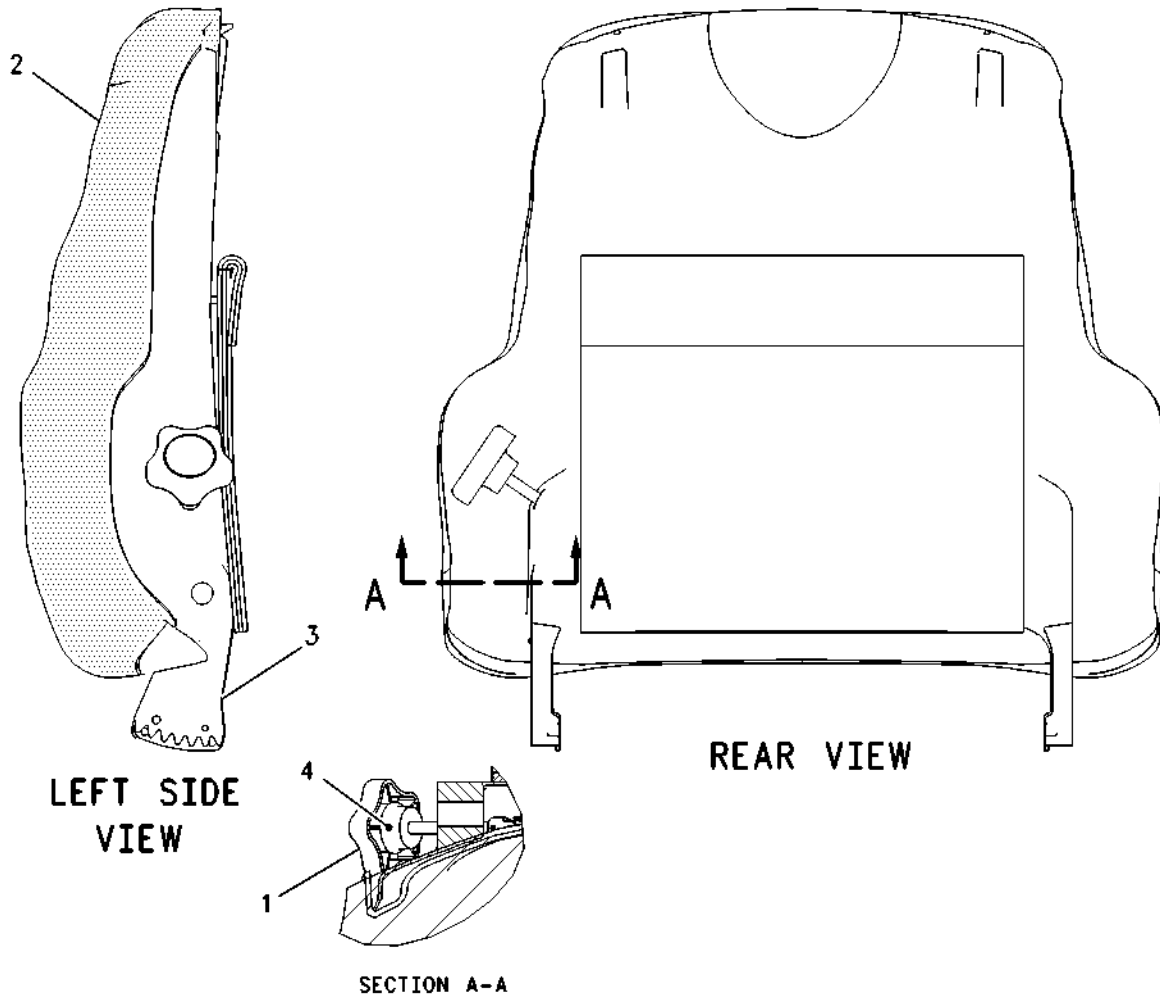
PART OF 180-7306 SEAT GP

ALSO AN ATTACHMENT

SMCS-7312

i01989514

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	164-4883	1	KNOB-LUMBAR						
	2	1	169-1024	1	CUSHION AS-BACK						
		1	184-2300	1	FILM (SEAT CUSHION IDENTIFICATION)						
Y	3	1	178-0605	1	PAN GP-BACKREST						1080
	4	1	8T-7566	1	PIN-SPRING						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00687153

OPERATOR STATION

8Y-5992 PAN GP-SEAT

S/N: 7PZ1-391

PART OF 8Y-5976, 8Y-5986 SEAT GP
ALSO AN ATTACHMENT

SMCS-7312

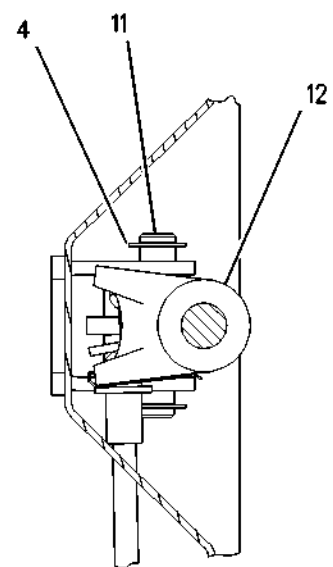
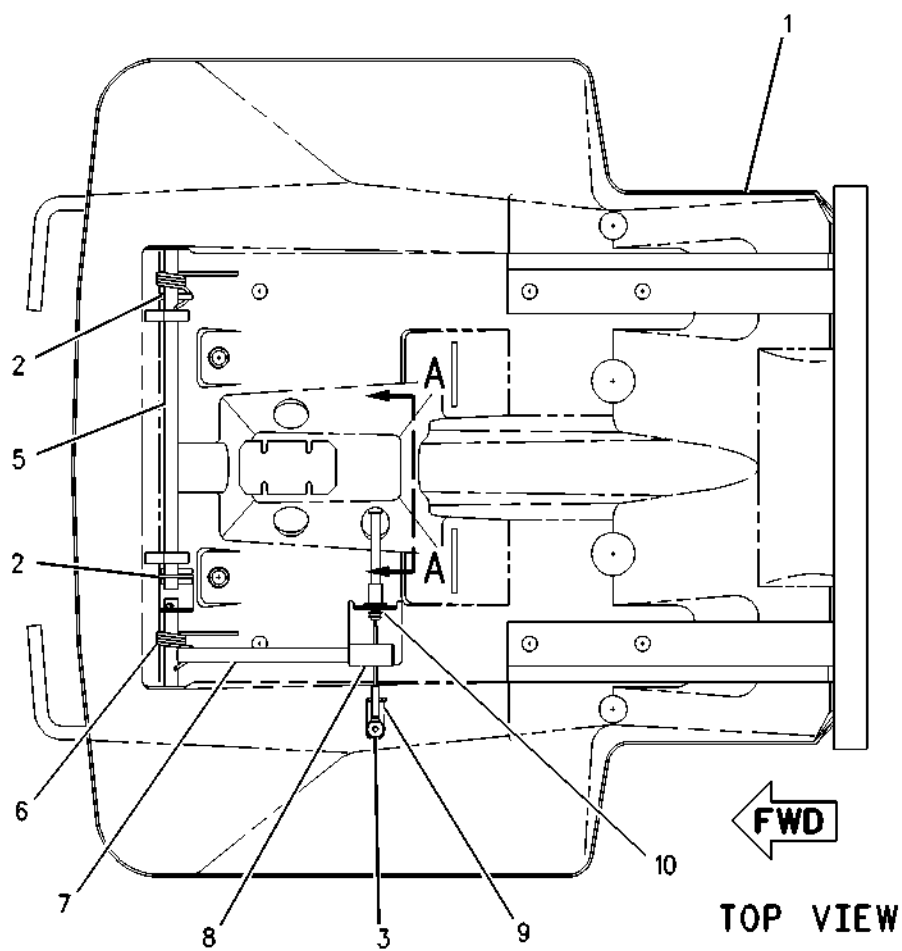
i01696104

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8Y-5892	1	PAN AS-SEAT (BOTTOM)						
JL	2	1	3K-4897	4	PIN-SPRING						
N	3	1	9M-5733	1	RIVET-POP (4.78MM DIA)						
N	4	1	6V-2456	2	RING-RETAINING						
JZ	5	1		1	ROD AS (SEAT)						
JLZ	6	1		2	SPRING						
LZ	7	1		1	ROD AS (BACK)						
LZ	8	1		1	BUSHING-TERMINAL						
NZ	9	1		1	BRACKET						
NZ	10	1		1	CABLE AS						
NZ	11	1		1	PIN						
NZ	12	1		1	ADJUSTER AS						
AVAILABLE REPAIR KIT(S) :											
J			8Y-5995	1	KIT-SEAT TILT (SEAT PAN)						
(INCLUDES ADDITIONAL PARTS)											
L			8Y-5998	1	KIT-BACK TILT (SEAT PAN)						
(INCLUDES ADDITIONAL PARTS)											
N			8Y-5999	1	KIT-ADJUSTER (SEAT PAN)						
J-KIT MARKED J INCLUDES PART(S) MARKED J											
L-KIT MARKED L INCLUDES PART(S) MARKED L											
N-KIT MARKED N INCLUDES PART(S) MARKED N											
Z-NOT SERVICED SEPARATELY											

OPERATOR STATION

8Y-5992 PAN GP - SEAT (contd.)

i01696104



GRAPHIC #1

<END>

g00527029

OPERATOR STATION

237-0138 PLATFORM AR

S/N: 7PZ754-UP

AN ATTACHMENT

SMCS-7253

i01980350

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	237-0140	1	ENCLOSURE GP - FENDER						510
Y	237-0139	1	PLATFORM GP						1086
Y	239-2146	1	STEP GP						1122
Y	202-0503	1	TANK GP - FUEL						238

Y-SEPARATE ILLUSTRATION

<END>

OPERATOR STATION

237-0139 PLATFORM GP

S/N: 7PZ754-UP

PART OF 237-0138 PLATFORM AR
AN ATTACHMENT

SMCS-7253, 7254

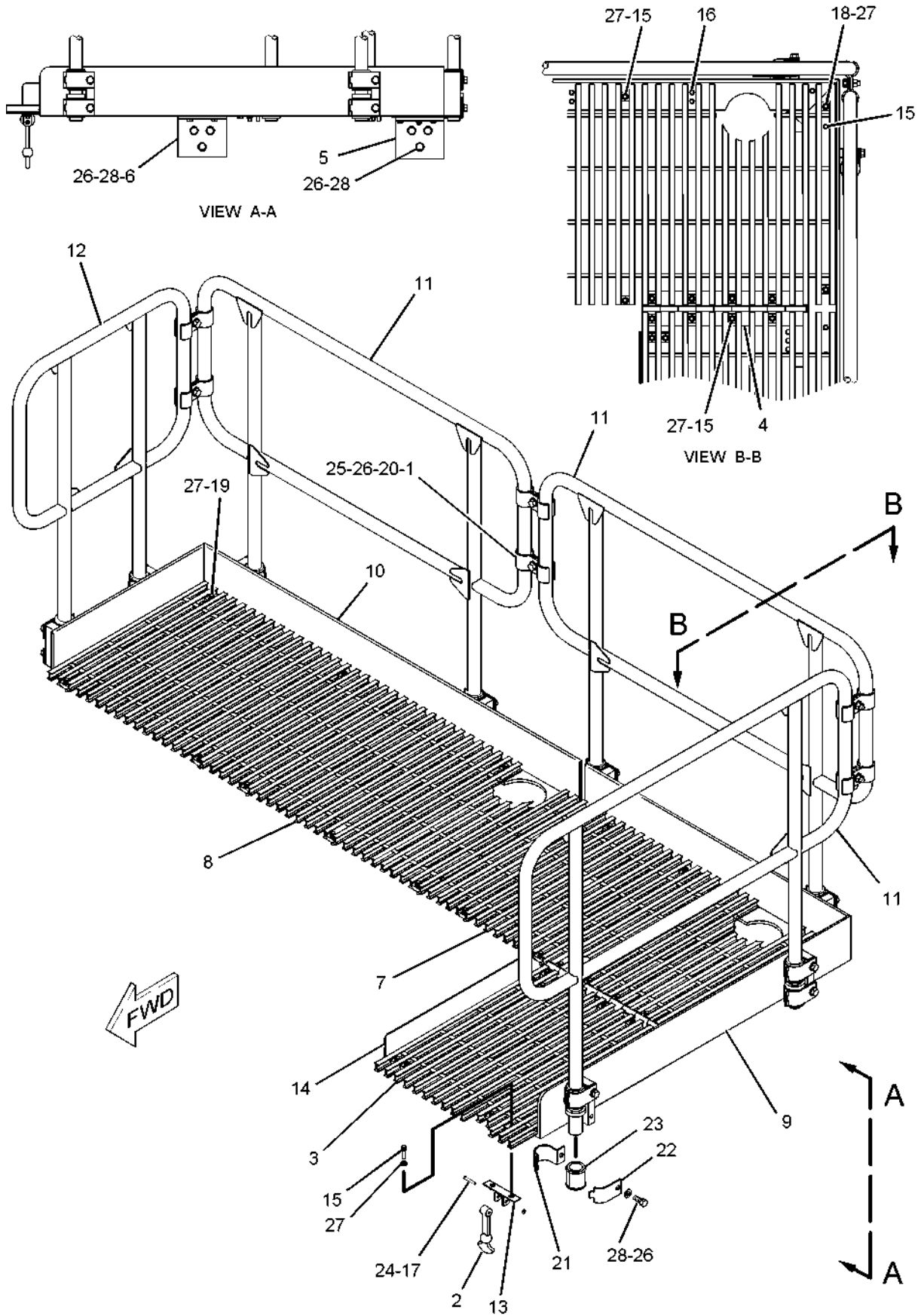
i01980423

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5R-1238	12	CLAMP						
	2	1	9M-3835	1	LATCH-RUBBER						
	3	1	239-2118	1	GRATE AS						
	4	1	239-2119	1	HINGE						
	5	1	239-2120	1	BRACKET AS						
	6	1	239-2122	1	BRACKET AS						
	7	1	239-2124	1	GRATE AS						
	8	1	239-2125	1	GRATE AS						
	9	1	239-2126	1	FRAME AS (PLATFORM)						
	10	1	239-2132	1	FRAME AS (PLATFORM)						
	11	1	239-2135	3	HANDHOLD AS						
	12	1	239-2139	1	HANDHOLD AS						
	13	1	239-2142	1	BRACKET AS						
	14	1	240-8201	1	GUARD AS (STEP)						
	15	1	1T-0720	28	BOLT-12 POINT HEAD (3/8-16X1.25 IN)						
	16	1	1T-0765	18	BOLT (3/8-16X1 IN)						
	17	1	2M-5795	1	PIN-CLEVIS						
	18	1	3S-1307	1	BOLT-12 POINT HEAD (3/8-16X2 IN)						
	19	1	5P-0076	1	BOLT-12 POINT HEAD (3/8-16X1.50 IN)						
	20	1	5P-2566	6	BOLT (1/2-13X1.5 IN)						
	21	1	5P-7468	16	CLIP (SLOT)						
	22	1	5P-7469	16	CLIP (TAB)						
	23	1	5P-8444	16	GROMMET						
	24	1	5V-1496	1	RETAINER						
	25	1	6V-8188	6	NUT (1/2-13 THD)						
	26	1	8T-4223	34	WASHER-HARD (13.5X25.5X3MM THK)						
	27	1	8T-4896	28	WASHER-HARD (10.2X18.5X2.5MM THK)						
	28	1	8T-8917	22	BOLT (1/2-13X1.25 IN)						

OPERATOR STATION

237-0139 PLATFORM GP (contd.)

i01980423



GRAPHIC #1

<END>

g01027628

OPERATOR STATION

136-9138 PLATFORM GP-CAB

S/N: 7PZ1-563

PART OF 155-5552 CHASSIS AR

SMCS-7253

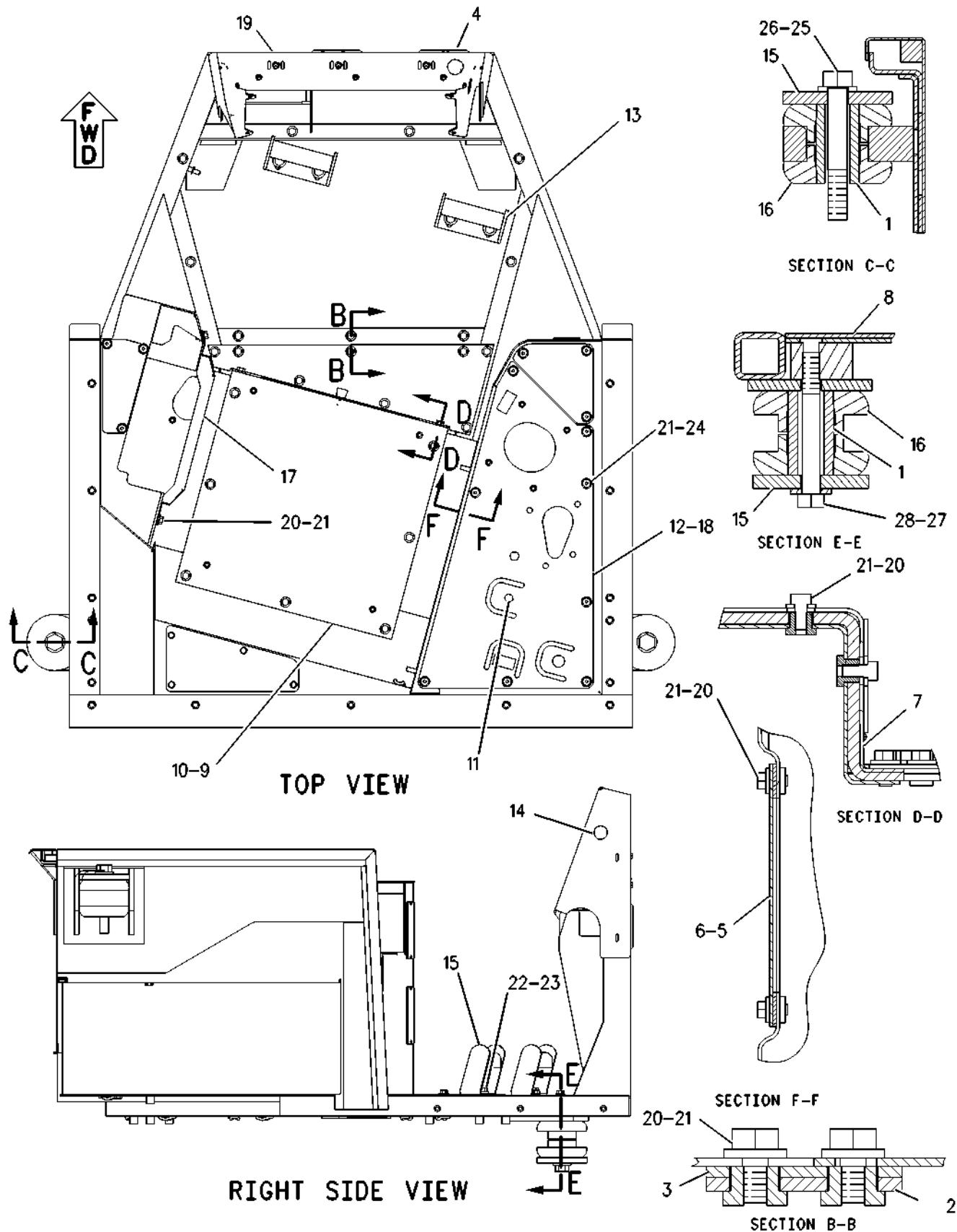
i01440905

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-4898	4	SLEEVE						
	2	1	3T-6280	1	PLATE AS						
	3	1	3T-6281	1	SEAL						
	4	1	6V-1950	2	PLUG-BUTTON						
	5	1	7G-6723	1	COVER						
	6	1	7G-6724	1	GASKET						
	7	1	189-9809	1	PLATE						
	8	1	7T-0135	1	SEAL						
	9	1	189-9810	1	PLATE AS						
		1	6G-2914	1	LATCH						
		1	9N-1995	2	RIVET-POP						
		1	189-9816	1	HINGE						
		1	1F-0750	6	NUT-WELD (3/8-16 THD)						
	10	1	7T-0138	1	GASKET						
	11	1	7V-8087	1	PLUG-BUTTON						
	12	1	8E-5978	1	GASKET						
	13	1	9P-1444	2	SUPPORT AS-FOOT						
	14	1	9P-6571	1	PLUG						
	15	1	9W-9027	4	PLATE						
	16	1	117-8131	8	MOUNT						
	17	1	125-4992	1	COVER						
	18	1	136-9137	1	COVER AS						
		1	7T-1099	5	LINK						
		1	1F-0750	4	NUT-WELD (3/8-16 THD)						
	19	1	136-9595	1	MODULE AS-OPERATOR						
	20	1	5M-3062	38	BOLT (3/8-16X0.75 IN)						
	21	1	5P-1075	46	WASHER-HARD (10.2X22.5X3MM THK)						
	22	1	5P-1076	4	WASHER-HARD (13.5X30X4MM THK)						
	23	1	5P-2228	4	BOLT (1/2-13X1 IN)						
	24	1	6J-0488	8	SCREW-BUTTON HEAD (3/8-16X0.875 IN)						
	25	1	7X-0392	2	BOLT (7/8-9X6 IN)						
	26	1	7X-0572	2	WASHER-HARD (24X44.5X6MM THK)						
	27	1	7X-0582	2	WASHER-HARD (20X44.5X6MM THK)						
	28	1	8T-9312	2	BOLT (3/4-10X6 IN)						

OPERATOR STATION

136-9138 PLATFORM GP-CAB (contd.)

i01440905



GRAPHIC #1

<END>

g00798301

OPERATOR STATION

204-2643 PLATFORM GP-CAB

S/N: 7PZ564-UP

PART OF 155-5552 CHASSIS AR

SMCS-7253

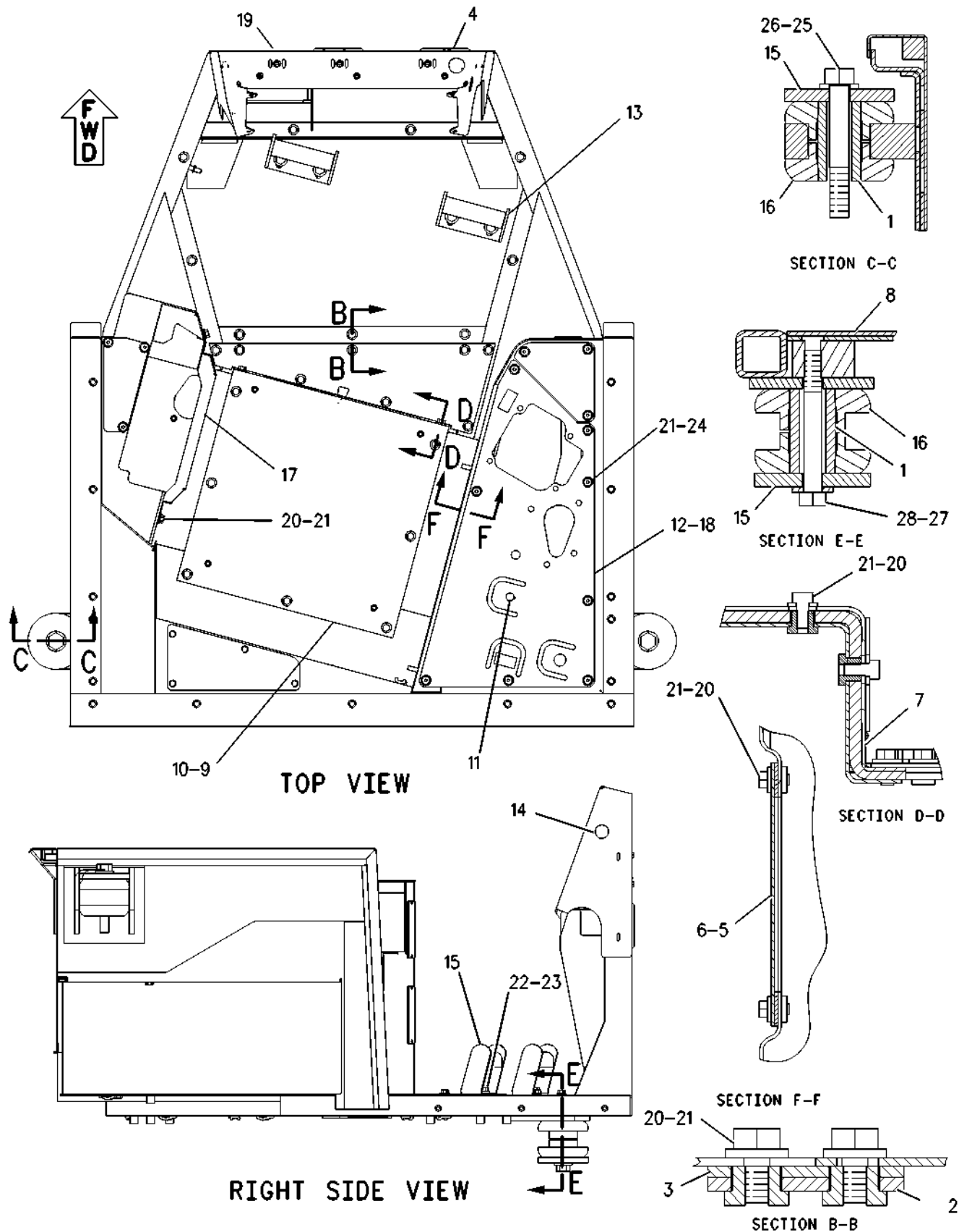
i01502414

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-4898	4	SLEEVE						
	2	1	3T-6280	1	PLATE AS						
	3	1	3T-6281	1	SEAL						
	4	1	6V-1950	2	PLUG-BUTTON						
	5	1	7G-6723	1	COVER						
	6	1	7G-6724	1	GASKET						
	7	1	189-9809	1	PLATE						
	8	1	7T-0135	1	SEAL						
	9	1	189-9810	1	PLATE AS						
		1	6G-2914	1	LATCH						
		1	9N-1995	2	RIVET-POP						
		1	189-9816	1	HINGE						
		1	1F-0750	6	NUT-WELD (3/8-16 THD)						
	10	1	7T-0138	1	GASKET						
	11	1	7V-8087	1	PLUG-BUTTON						
	12	1	8E-5978	1	GASKET						
	13	1	9P-1444	2	SUPPORT AS-FOOT						
	14	1	9P-6571	1	PLUG						
	15	1	9W-9027	4	PLATE						
	16	1	117-8131	8	MOUNT						
	17	1	125-4992	1	COVER						
	18	1	188-7097	1	COVER AS						
	19	1	136-9595	1	MODULE AS-OPERATOR						
	20	1	5M-3062	38	BOLT (3/8-16X0.75 IN)						
	21	1	5P-1075	46	WASHER-HARD (10.2X22.5X3MM THK)						
	22	1	5P-1076	4	WASHER-HARD (13.5X30X4MM THK)						
	23	1	5P-2228	4	BOLT (1/2-13X1 IN)						
	24	1	6J-0488	8	SCREW-BUTTON HEAD (3/8-16X0.875 IN)						
	25	1	7X-0392	2	BOLT (7/8-9X6 IN)						
	26	1	7X-0572	2	WASHER-HARD (24X44.5X6MM THK)						
	27	1	7X-0582	2	WASHER-HARD (20X44.5X6MM THK)						
	28	1	8T-9312	2	BOLT (3/4-10X6 IN)						

OPERATOR STATION

204 - 2643 PLATFORM GP - CAB (contd.)

i01502414



GRAPHIC #1

<END>

g00817082

OPERATOR STATION

177-4935 RECLINER GP-SEAT

S/N: 7PZ392-UP

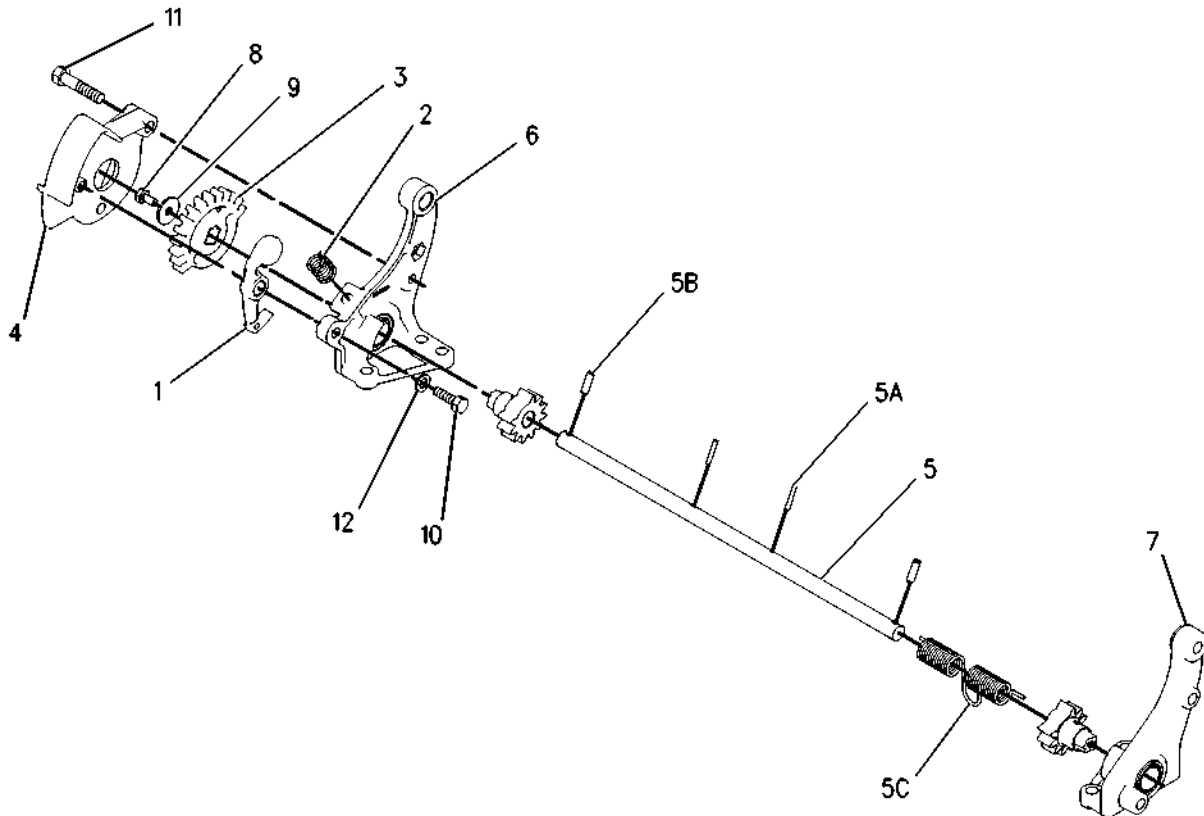
PART OF 180-7306 SEAT GP

ALSO AN ATTACHMENT

SMCS-7312

i01682915

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	217-7933	1	LATCH						
	2	1	164-4146	1	SPRING						
	3	1	177-1860	1	GEAR (14 TEETH) (LOCK)						
	4	1	177-1862	1	BRACKET						
	5	1	178-0607	1	SHAFT AS						
	5A	1	2K-9111	2	PIN-SPRING						
	5B	1	9M-6803	2	DOWEL						
	5C	1	170-8590	1	SPRING						
	6	1	178-0608	1	BRACKET AS						
	7	1	178-0609	1	BRACKET AS						
	8	1	031-0214	1	BOLT-LOCKING (1/4-20X0.5 IN)						
	9	1	101-2867	1	WASHER-HARD (7.2X25X2MM THK)						
	10	1	4M-6425	1	BOLT (5/16-18X1 IN)						
	11	1	5S-7383	1	BOLT (3/8-16X1.75 IN)						
	12	1	8T-4224	1	WASHER-HARD (8.8X16X2MM THK)						



GRAPHIC #1

<END>

g00673022

OPERATOR STATION

210-2270 RECLINER GP-SEAT

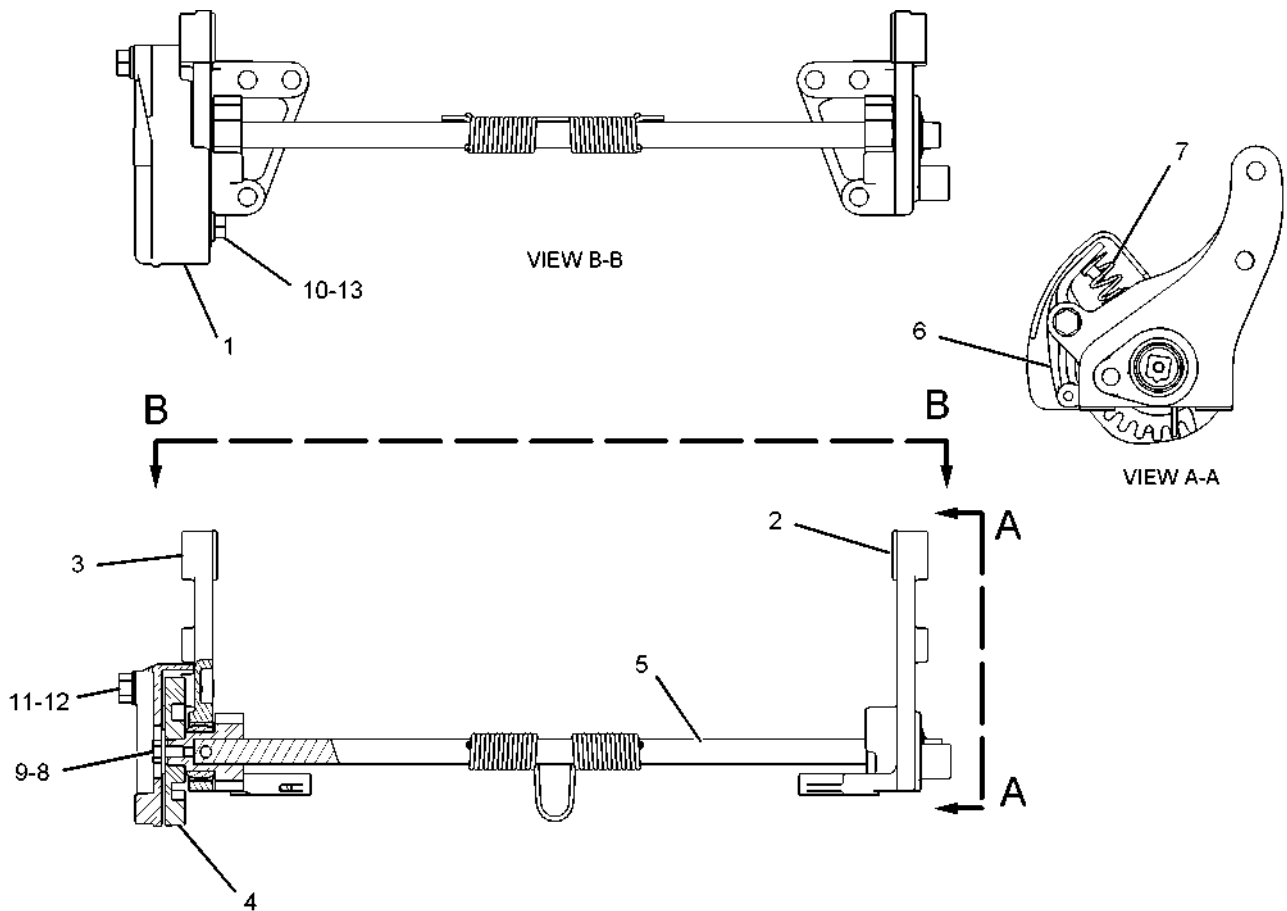
S/N: 7PZ1-UP

PART OF 180-7304 SEAT GP
AN ATTACHMENT

SMCS-7312

i02011757

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-1862	1	BRACKET						
	2	1	210-2262	1	BRACKET AS						
	3	1	210-2263	1	BRACKET AS						
	4	1	210-2266	1	GEAR (14 TEETH)						
	5	1	210-2268	1	SHAFT AS						
	6	1	217-7933	1	LATCH						
	7	1	236-5197	1	SPRING						
	8	1	031-0214	1	BOLT-LOCKING (1/4-20X0.5 IN)						
	9	1	101-2867	1	WASHER-HARD (7.2X25X2MM THK)						
	10	1	4M-6425	1	BOLT (5/16-18X1 IN)						
	11	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5MM THK)						
	12	1	5S-7383	1	BOLT (3/8-16X1.75 IN)						
	13	1	8T-4224	1	WASHER-HARD (8.8X16X2MM THK)						



<END>

g01040293

OPERATOR STATION

167-7953 ROPS GP

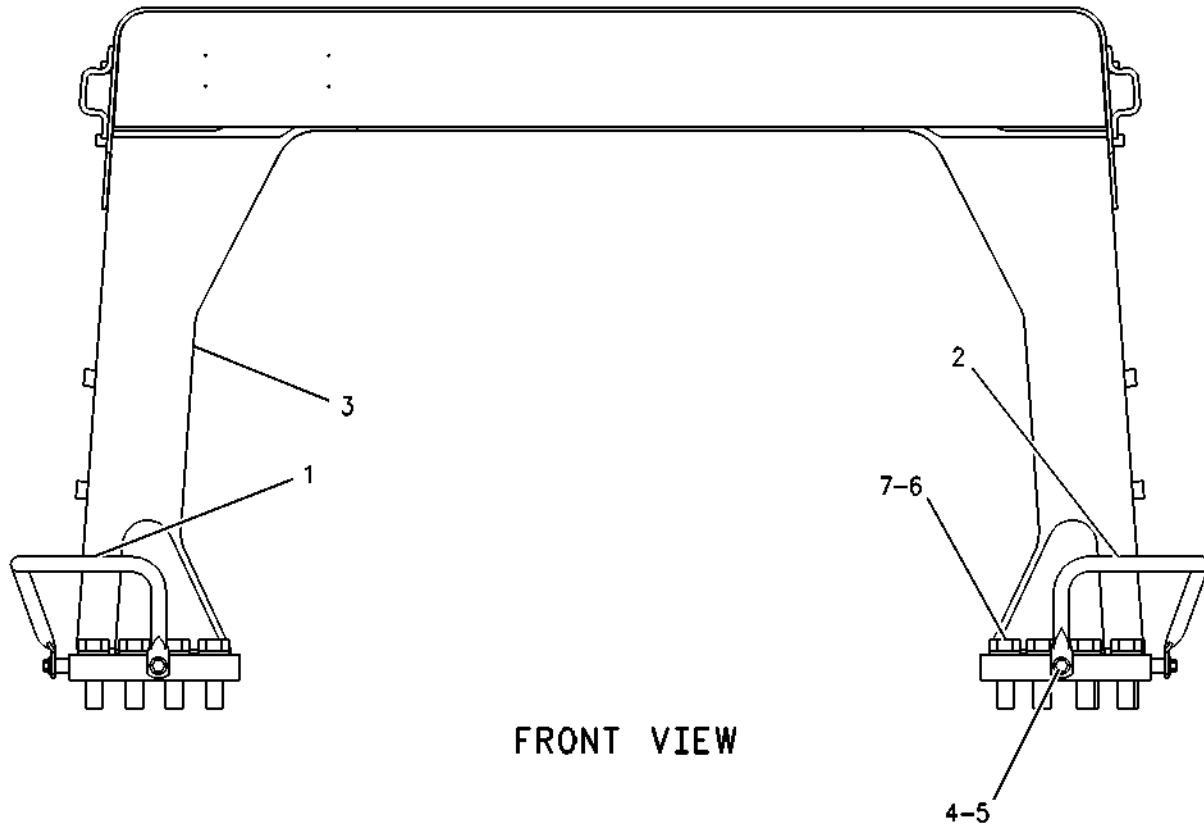
S/N: 7PZ1-UP

PART OF 155-5552 CHASSIS AR

SMCS-7177, 7301

i01564924

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9U-9956	1	HANDHOLD - RH						
	2	1	9U-9957	1	HANDHOLD - LH						
	3	1	134-6714	1	ROPS AS						
	4	1	5C-6565	4	BOLT (1/2-13X1.25 IN)						
	5	1	5P-1076	4	WASHER-HARD (13.5X30X4MM THK)						
	6	1	7X-0428	16	BOLT (1 1/4-7X4 IN)						
	7	1	7X-0533	16	WASHER-HARD (34X55X6MM THK)						



GRAPHIC #1

<END>

g00654634

OPERATOR STATION

8E-9546 SEAT AR

S/N: 7PZ1-UP

VINYL

AN ATTACHMENT

SMCS-7312

i00947058

			PART NAME						SEE
NOTE	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	PAGE
Y	8Y-6179	1	SEAT GP-SUSPENSION						1113
Y-SEPARATE ILLUSTRATION									
<END>									

164-9429 SEAT AR

S/N: 7PZ1-UP

VINYL

AN ATTACHMENT

SMCS-7312

i01445950

			PART NAME						SEE
NOTE	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	PAGE
Y	159-2950	1	SEAT GP-SUSPENSION						1118
Y-SEPARATE ILLUSTRATION									
<END>									

OPERATOR STATION

156-1148 SEAT BELT GP-RETRACTABLE

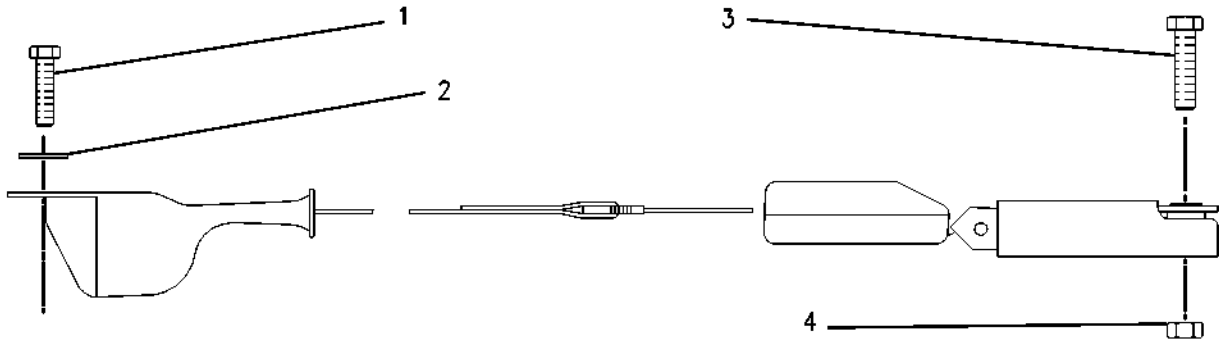
S/N: 7PZ1-391

PART OF 125-6224 SEAT GP, 8Y-6138, 8Y-6179 SEAT GP-SUSPENSION
ALSO AN ATTACHMENT

SMCS-7327

i01674134

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1L-9080	1	BOLT (7/16-20X1.5 IN)						
	2	1	8T-5360	1	WASHER (12X22.5X2.5MM THK)						
	3	1	1A-4350	1	BOLT (7/16-20X1.75 IN)						
	4	1	4D-6432	1	LOCKNUT (7/16-20 THD)						



GRAPHIC #1

<END>

g00760019

OPERATOR STATION

8Y-5976 SEAT GP-VINYL

S/N: 7PZ1-UP

LUMBAR

PART OF 8Y-6179 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7312

i01989129

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
JN	1	1	8Y-5947	4	FASTENER						1083
Y	2	1	8Y-5992	1	PAN GP-SEAT						
L	3	1	113-0899	10	SCREW-FLAT HEAD (6-20X0.5 IN)						
J	4	1	9L-7469	2	LOCK PIN						
	5	1	7B-7525	2	BOLT-SOCKET HEAD (7/16-14X1.25 IN)						
	6	1	2K-4973	6	LOCKNUT (3/8-16 THD)						
	7	1	8Y-5929	1	PLATE AS-SLIDE						
		1	4K-9097	6	NUT-WELD						
	8	1	8Y-5930	1	BAR AS						
	9	1	8Y-5931	1	BAR AS						
	10	1	8S-7803	2	RING-RETAINING						
	11	1	8Y-5932	1	LATCH AS						
	12	1	8Y-5936	1	SPRING						
	13	1	095-0878	1	PIN-SPRING						
	14	1	8Y-5981	2	BUSHING-BACKREST						
	15	1	8Y-5928	2	SPRING						
	16	1	2B-2695	4	BOLT (5/16-18X0.875 IN)						
	17	1	8Y-5937	1	BRACKET AS-RH						
	18	1	8Y-5938	1	BRACKET AS-LH						
	19	1	7U-4898	6	SCREW (3/8-16X0.75 IN)						
	20	1	1C-0569	2	BOLT (5/16-18X0.5 IN)						
	21	1	095-1314	1	PIN-CLEVIS						
	22	1	9L-7469	2	LOCK PIN						
	23	1	8Y-6834	1	SPRING						
	24	1	8Y-6833	1	SPRING						
CY	25	1	108-8421	1	PAN GP-BACKREST						1079
B	26	1	061-8803	4	SHIM (1.52MM THK)						
C	27	1	108-8425	1	CUSHION AS-BACK						
	28	1	8Y-6051	2	SPACER (11.19X14.21X14.24MM THK)						
LZ	29	1		1	KNOB-SEAT TILT (LOWER)						
LZ	30	1		1	KNOB-SEAT TILT (UPPER)						
LZ	31	1		1	KNOB-SLIDE (UPPER)						
LZ	32	1		1	KNOB-SLIDE (LOWER)						
LZ	33	1		1	KNOB-BACK TILT (UPPER)						
LZ	34	1		1	KNOB-BACK TILT (LOWER)						
NZ	35	1		1	CUSHION AS-SEAT						
JZ	36	1		1	PAN AS						
AVAILABLE REPAIR KIT(S) :											
J			8Y-6933	1	KIT-TILT PAN (SEAT)						
L			112-4577	1	KIT-SEAT KNOB (SEAT)						
N			8Y-5957	1	KIT-SEAT CUSHION (VINYL) (SEAT)						

B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE

J-KIT MARKED J INCLUDES PARTS MARKED J

L-KIT MARKED L INCLUDES PARTS MARKED L

N-KIT MARKED N INCLUDES PARTS MARKED N

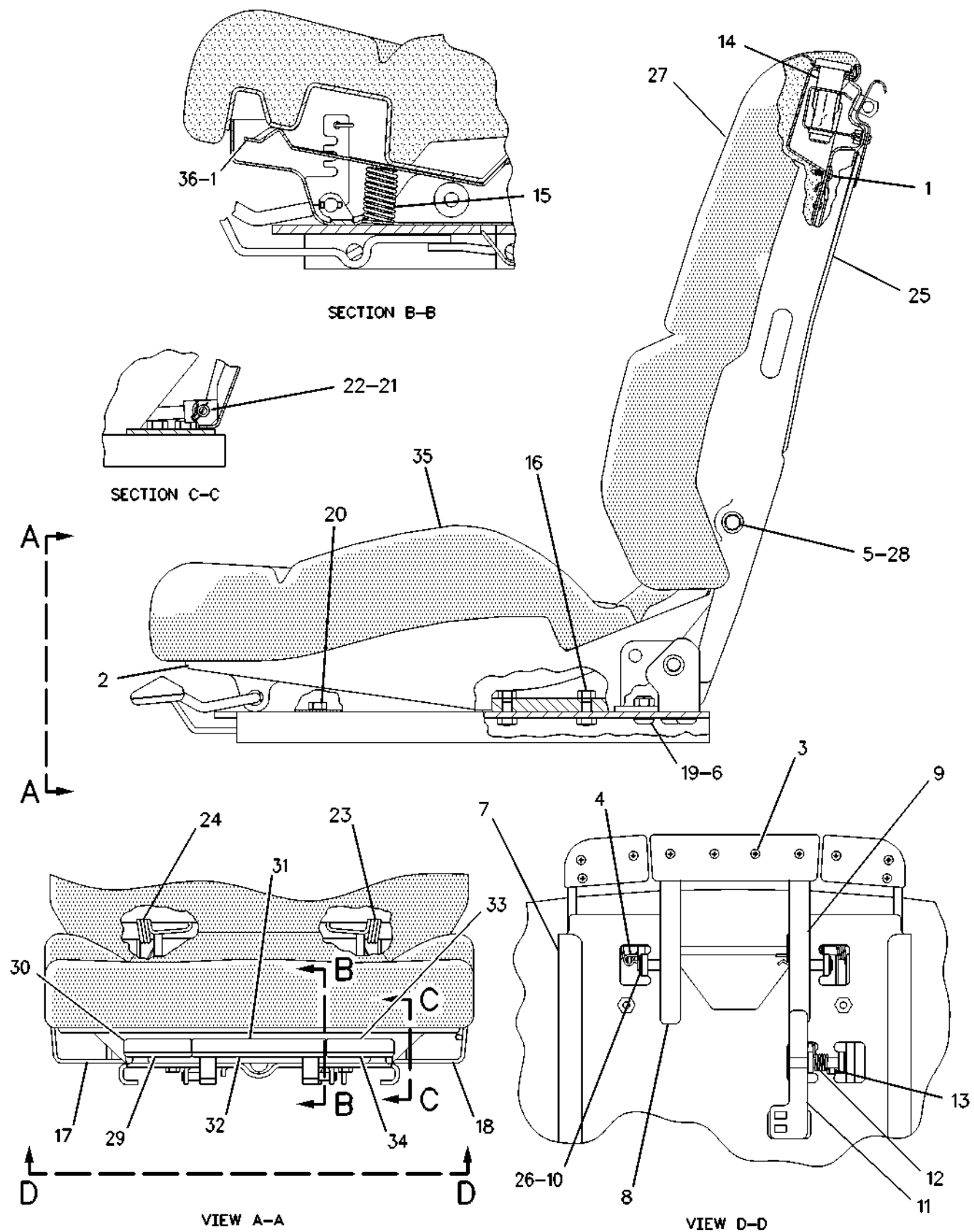
Y-SEPARATE ILLUSTRATION

Z-NOT SERVICED SEPARATELY

OPERATOR STATION

8Y-5976 SEAT GP (contd.)

i01989129



GRAPHIC #1

<END>

g00920214

OPERATOR STATION

8Y-5986 SEAT GP

S/N: 7PZ1-391

FABRIC/LUMBAR

PART OF 125-6224 SEAT GP, 8Y-6138 SEAT GP-SUSPENSION

ALSO AN ATTACHMENT

SMCS-7312

i01717641

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
	1 2 3 4 5 6 (PRODUCT LEVEL)										
JN	1	1	8Y-5947	4	FASTENER						1083
Y	2	1	8Y-5992	1	PAN GP-SEAT						
L	3	1	113-0899	10	SCREW-FLAT HEAD (6-20X0.5 IN)						1079
J	4	1	9L-7469	3	LOCK PIN						
	5	1	7B-7525	2	BOLT-SOCKET HEAD (7/16-14X1.25 IN)						1079
	6	1	2K-4973	6	LOCKNUT (3/8-16 THD)						
	7	1	8Y-5929	1	PLATE AS-SLIDE						1079
		1	4K-9097	6	NUT-WELD (5/16-18 THD)						
	8	1	8Y-5930	1	BAR AS-SLIDE						1079
	9	1	8Y-5931	1	BAR AS-LATCH						
	10	1	8S-7803	2	RING-RETAINING						1079
	11	1	8Y-5932	1	LATCH AS						
	12	1	8Y-5936	1	SPRING						1079
	13	1	095-0878	1	PIN-SPRING						
	14	1	8Y-5981	2	BUSHING-BACKREST						1079
	15	1	8Y-5928	2	SPRING						
	16	1	2B-2695	4	BOLT (5/16-18X0.875 IN)						1079
	17	1	8Y-5937	1	BRACKET AS-RH						
	18	1	8Y-5938	1	BRACKET AS-LH						1079
	19	1	7U-4898	6	SCREW (3/8-16X0.75 IN)						
	20	1	1C-0569	2	BOLT (5/16-18X0.5 IN)						1079
	21	1	095-1314	1	PIN-CLEVIS						
	23	1	8Y-6834	1	SPRING						1079
	24	1	8Y-6833	1	SPRING						
CY	25	1	108-8421	1	PAN GP-BACKREST						1079
B	26	1	061-8803	4	SHIM (1.52MM THK)						
C	27	1	108-8426	1	CUSHION AS-BACK						1079
	28	1	8Y-6051	2	SPACER (11.19X14.21X14.24MM THK)						
LZ	29	1		1	KNOB-SEAT TILT						1079
LZ	30	1		1	KNOB-SEAT TILT						
LZ	31	1		1	KNOB-SLIDE						1079
LZ	32	1		1	KNOB-SLIDE						
LZ	33	1		1	KNOB-BACK TILT						1079
LZ	34	1		1	KNOB-BACK TILT						
NZ	35	1		1	CUSHION AS-SEAT						1079
JZ	36	1		1	PAN AS						
AVAILABLE REPAIR KIT(S) :											
J			8Y-6933	1	KIT-TILT PAN (SUSPENSION SEAT)						1079
L			112-4577	1	KIT-SEAT KNOB (SUSPENSION SEAT)						
N			8Y-5891	1	KIT-SEAT CUSHION (SUSPENSION SEAT)						1079

B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE

J-KIT MARKED J SERVICES PARTS MARKED J

L-KIT MARKED L SERVICES PARTS MARKED L

N-KIT MARKED N SERVICES PARTS MARKED N

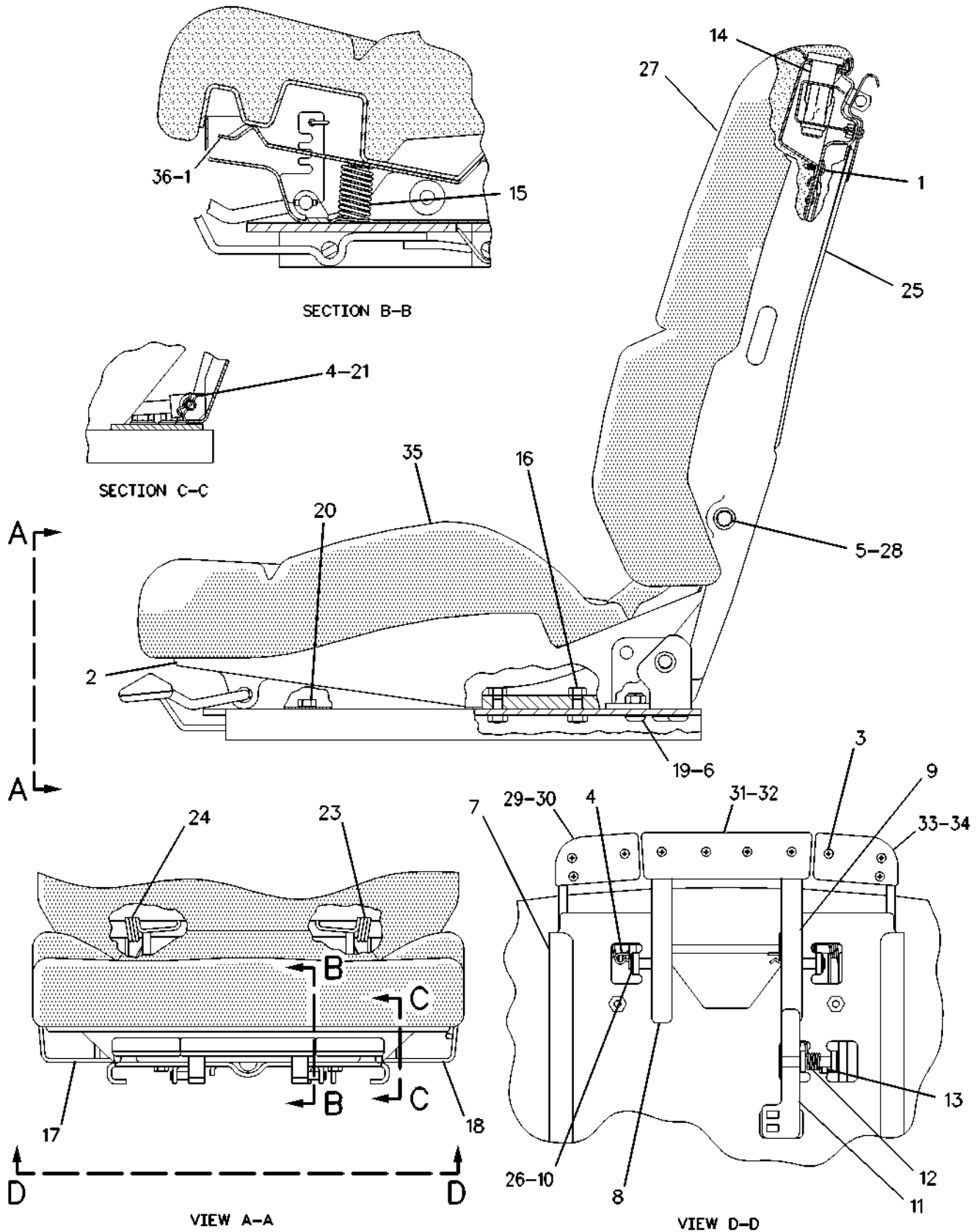
Y-SEPARATE ILLUSTRATION

Z-NOT SERVICED SEPARATELY

OPERATOR STATION

8Y-5986 SEAT GP (contd.)

i01717641



GRAPHIC #1

<END>

g00883253

OPERATOR STATION

125-6224 SEAT GP

S/N: 7PZ1-UP

PART OF 131-8422 SEAT GP-SUSPENSION
AN ATTACHMENT

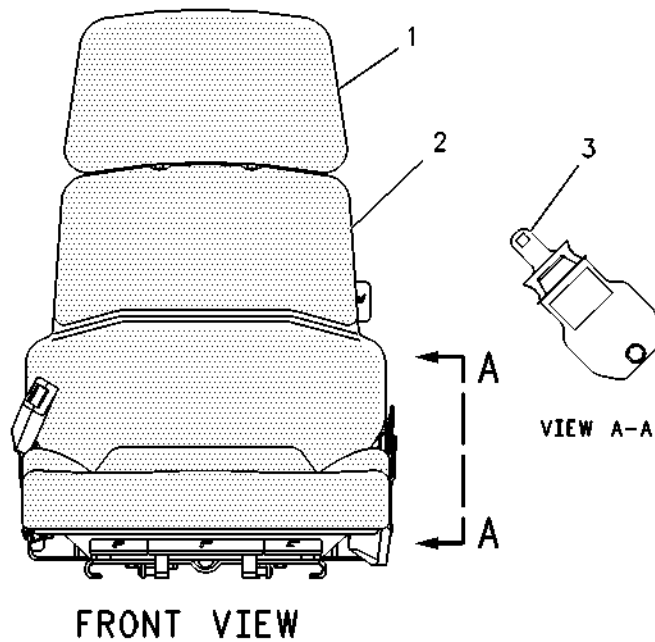
SMCS-7312

i01989155

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	8Y-5874	1	EXTENSION GP-BACKREST	1029
Y	2	1	8Y-5986	1	SEAT GP	1099
CY	3	1	156-1148	1	SEAT BELT GP	1096

C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00268035

OPERATOR STATION

137-7368 SEAT GP

S/N: 7PZ1-391

PART OF 155-5552 CHASSIS AR

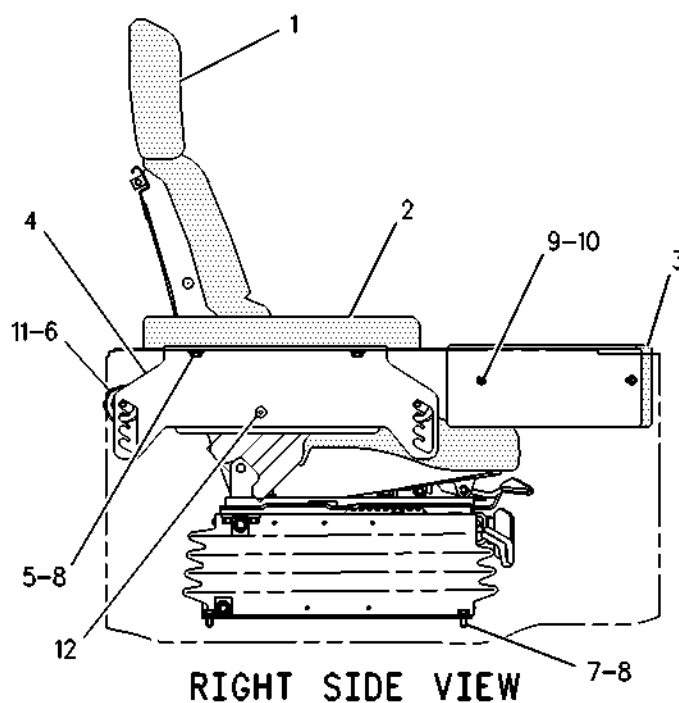
SMCS-7312

i01989161

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	8Y-6138	1	SEAT GP-SUSPENSION (LUMBAR)	1112
	2	1	138-1015	1	CUSHION AS-RH	
	3	1	137-7369	1	CUSHION AS	
	4	1	138-1025	1	PLATE	
	5	1	7X-0469	2	BOLT (3/8-24X0.88 IN)	
	6	1	7X-0603	4	WASHER-HARD (9.9X35X2.5MM THK)	
	7	1	5M-3062	4	BOLT (3/8-16X0.75 IN)	
	8	1	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)	
M	9	1	9X-2045	2	SCREW-TRUSS HEAD (M6X1X20MM)	
	10	1	9X-2038	2	WASHER (7X19X2MM THK)	
	11	1	6D-6812	2	KNOB AS	
	12	1	153-8498	1	SCREW-FLAT HEAD (5/16-18X0.75 IN)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00285424

OPERATOR STATION

156-7418 SEAT GP

S/N: 7PZ392-UP

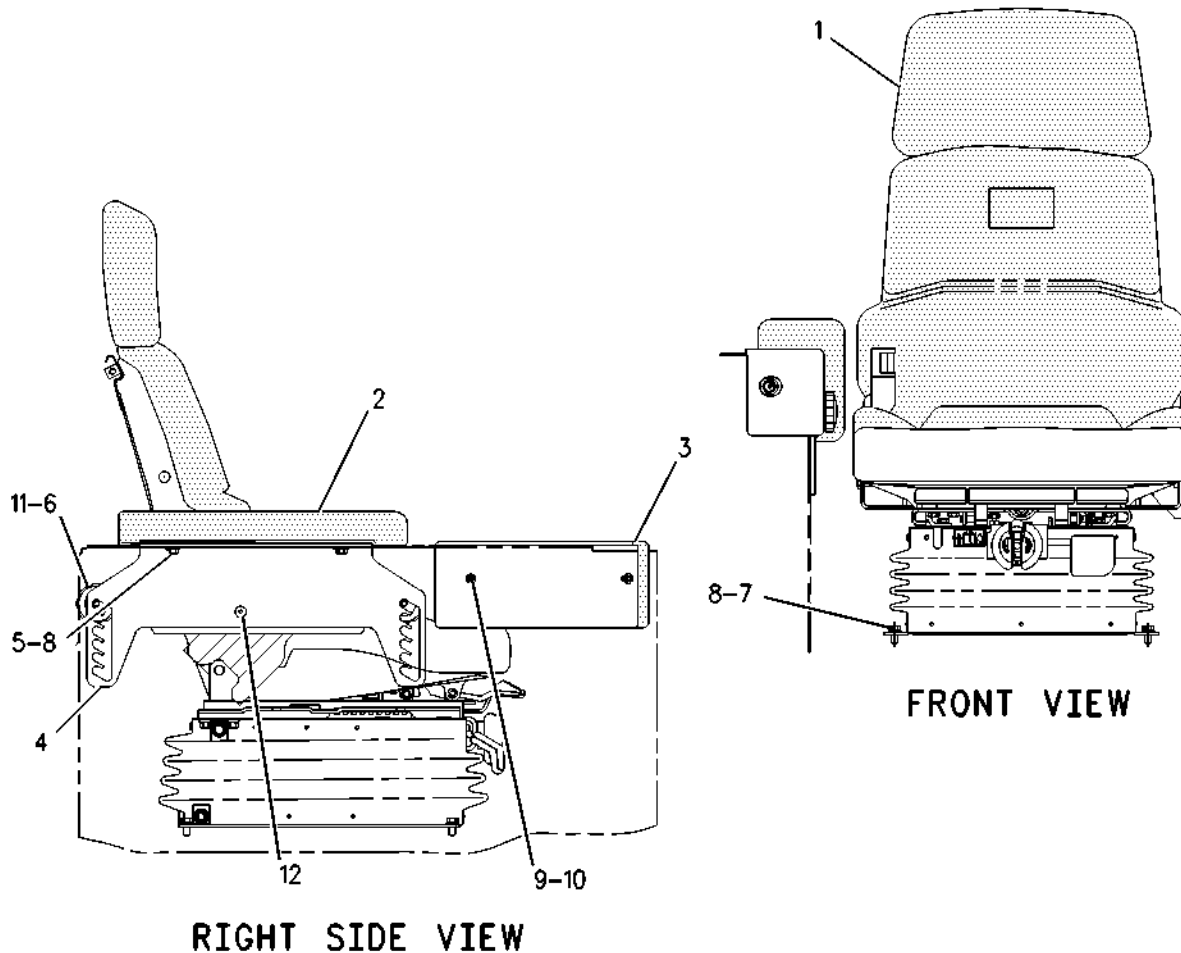
PART OF 155-5552 CHASSIS AR

SMCS-7312

i01777397

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
Y	1	1	159-2951	1	SEAT GP-SUSPENSION	1119
	2	1	138-1015	1	CUSHION AS-RH	
	3	1	137-7369	1	CUSHION AS	
	4	1	138-1025	1	PLATE	
	5	1	7X-0469	2	BOLT (3/8-24X0.88 IN)	
	6	1	7X-0603	4	WASHER-HARD (9.9X35X2.5MM THK)	
	7	1	5P-8167	4	BOLT (3/8-16X0.625 IN)	
	8	1	5P-1075	6	WASHER-HARD (10.2X22.5X3MM THK)	
M	9	1	9X-2045	2	SCREW-TRUSS HEAD (M6X1X20MM)	
	10	1	9X-2038	2	WASHER (7X19X2MM THK)	
	11	1	6D-6812	2	KNOB AS	
	12	1	153-8498	1	SCREW-FLAT HEAD (5/16-18X0.75 IN)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00445003

OPERATOR STATION

180-7304 SEAT GP

S/N: 7PZ1-UP

PART OF 184-6011 SEAT GP
AN ATTACHMENT

SMCS-7312

i01998035

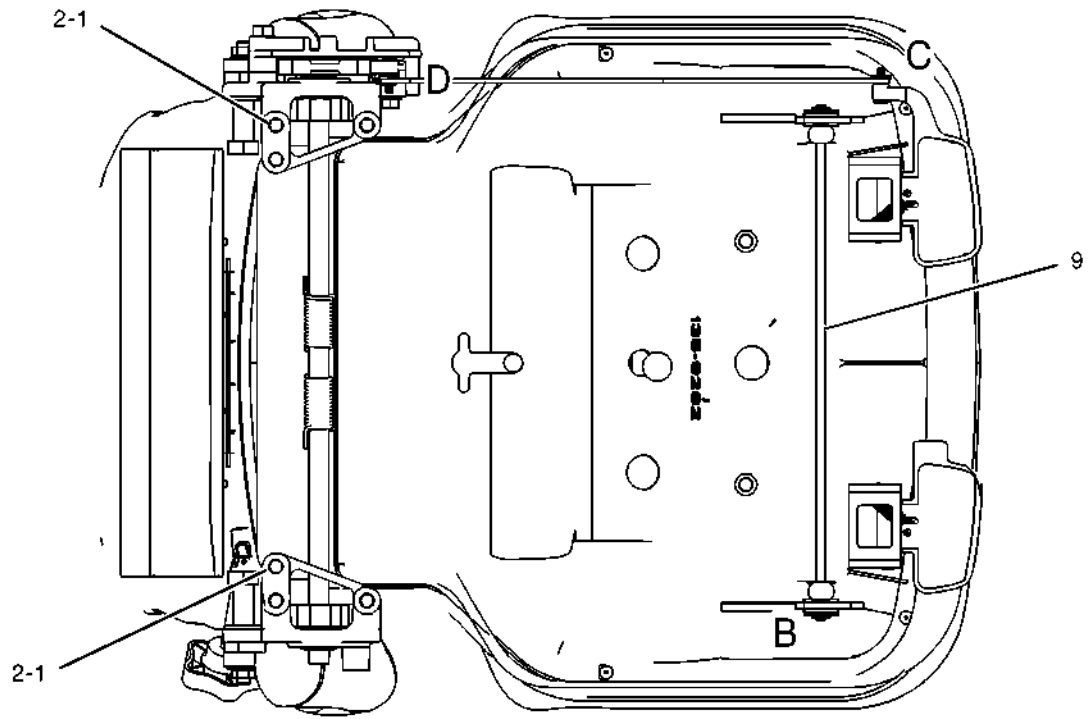
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	143-1288	8	LOCKNUT-FLANGE (3/8-16 THD)	
	2	1	171-1230	6	SCREW-BUTTON HEAD (3/8-16X1 IN)	
	3	1	171-6682	1	BAR	
	4	1	172-2416	2	PIN	
Y	5	1	173-1028	1	ADJUSTER GP-SEAT	992
	6	1	173-3283	1	PAN AS	
		1	169-1026	1	CUSHION AS	
		1	6K-3273	5	RIVET-POP	
	7	1	177-1863	2	BOLT-PIVOT (3/8-16X2.89 IN)	
Y	8	1	180-7305	1	PAN GP-BACKREST (VINYL)	1081
	9	1	184-2298	1	ROD	
	10	1	184-2299	4	WASHER (7X25.4X2.54MM THK)	
Y	11	1	210-2270	1	RECLINER GP-SEAT	1093
	12	1	095-0843	2	PIN-COTTER	
	13	1	5V-1496	2	RETAINER	
	14	1	6V-7646	2	WASHER-HARD (7.2X25X2MM THK)	
	15	1	8T-0328	1	WASHER-HARD (5.5X10X1MM THK)	
	16	1	8T-4205	1	WASHER-HARD (7.2X14.5X2MM THK)	
	17	1	8Y-6277	2	SPACER (10.5X28.6X10MM THK)	

Y-SEPARATE ILLUSTRATION

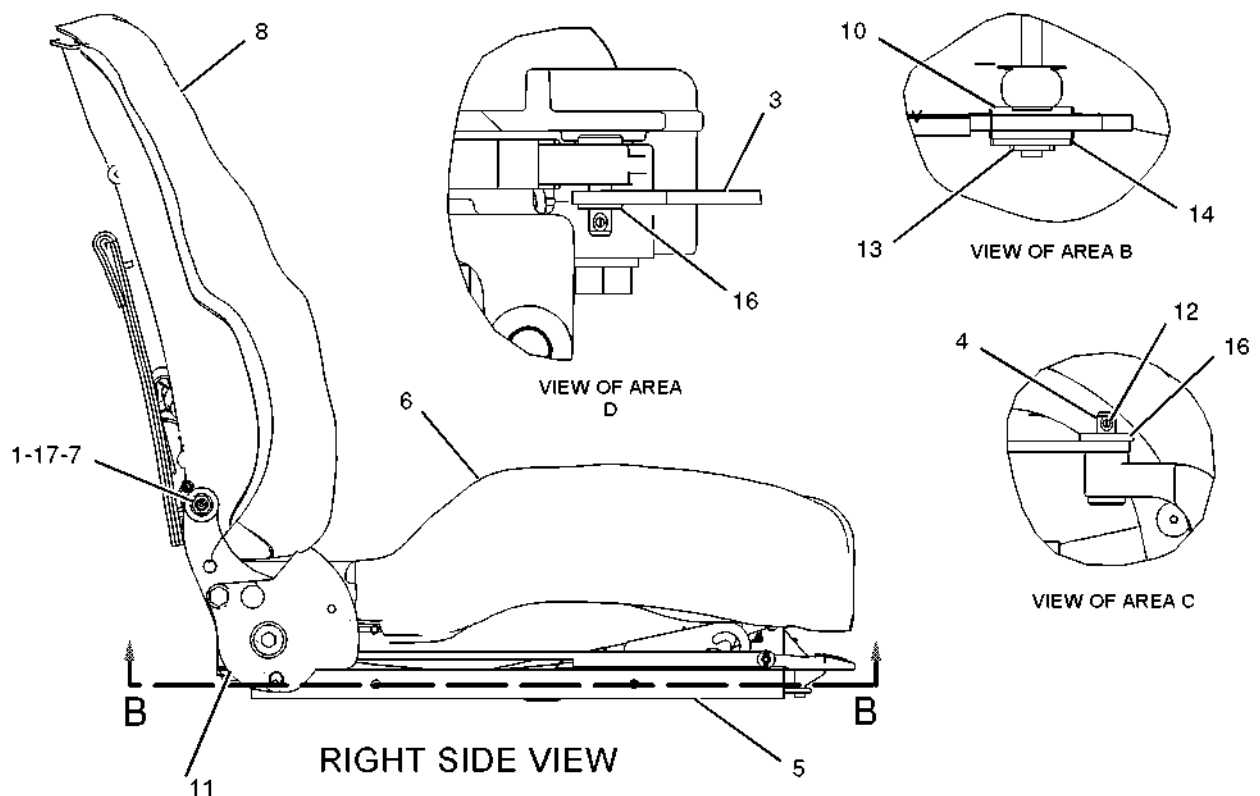
OPERATOR STATION

180-7304 SEAT GP (contd.)

i01998035



SECTION A-A



GRAPHIC #1

<END>

g01037175

OPERATOR STATION

180-7306 SEAT GP

S/N: 7PZ1-UP

FABRIC

PART OF 184-6012 SEAT GP

AN ATTACHMENT

SMCS-7312

i01989144

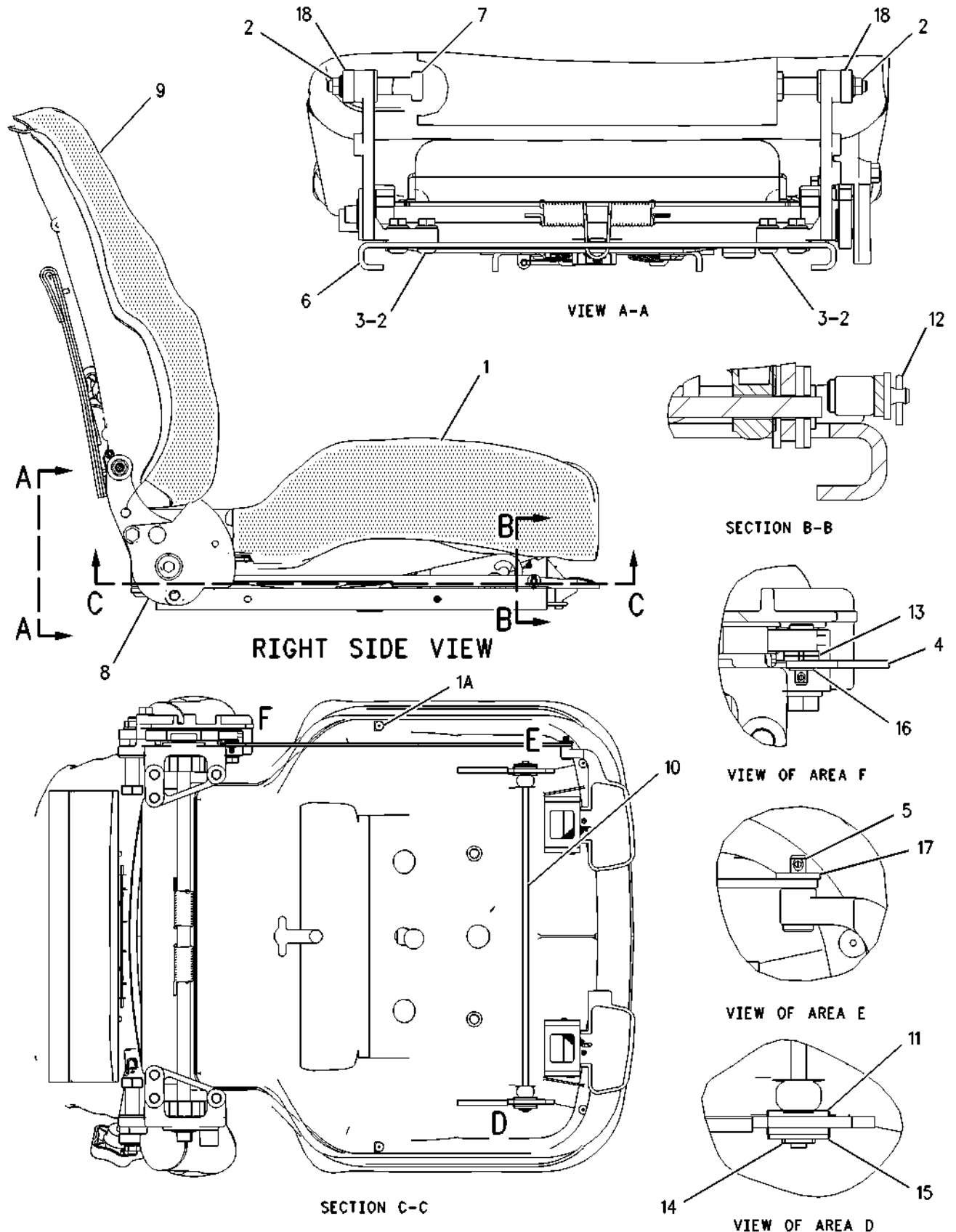
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	172-6581	1	PAN AS	
		1	169-1025	1	CUSHION AS	
	1A	1	6K-3273	5	RIVET-POP	
	2	1	143-1288	8	LOCKNUT-FLANGE (3/8-16 THD)	
	3	1	171-1230	6	SCREW-BUTTON HEAD (3/8-16X1 IN)	
	4	1	171-6682	1	BAR	
	5	1	172-2416	2	PIN	
Y	6	1	173-1028	1	ADJUSTER GP-SEAT	992
	7	1	177-1863	2	BOLT-PIVOT (3/8-16X2.89 IN)	
Y	8	1	177-4935	1	RECLINER GP-SEAT	1092
Y	9	1	180-7307	1	PAN GP-BACKREST	1082
	10	1	184-2298	1	ROD	
	11	1	184-2299	4	WASHER (7X25.4X2.54MM THK)	
	12	1	095-0843	2	PIN-COTTER	
	13	1	5P-0537	2	WASHER-HARD (7.2X14.5X2MM THK)	
	14	1	5V-1496	2	RETAINER	
	15	1	6V-7646	2	WASHER-HARD (7.2X25X2MM THK)	
	16	1	8T-0328	1	WASHER-HARD (5.5X10X1MM THK)	
	17	1	8T-4205	1	WASHER-HARD (7.2X14.5X2MM THK)	
	18	1	8Y-6277	2	SPACER (10.5X28.6X10MM THK)	

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

180-7306 SEAT GP (contd.)

i01989144



GRAPHIC #1

<END>

g00682910

OPERATOR STATION

180-7306 SEAT GP

S/N: 7PZ392-UP

FABRIC

PART OF 184-6012 SEAT GP

ALSO AN ATTACHMENT

SMCS-7312

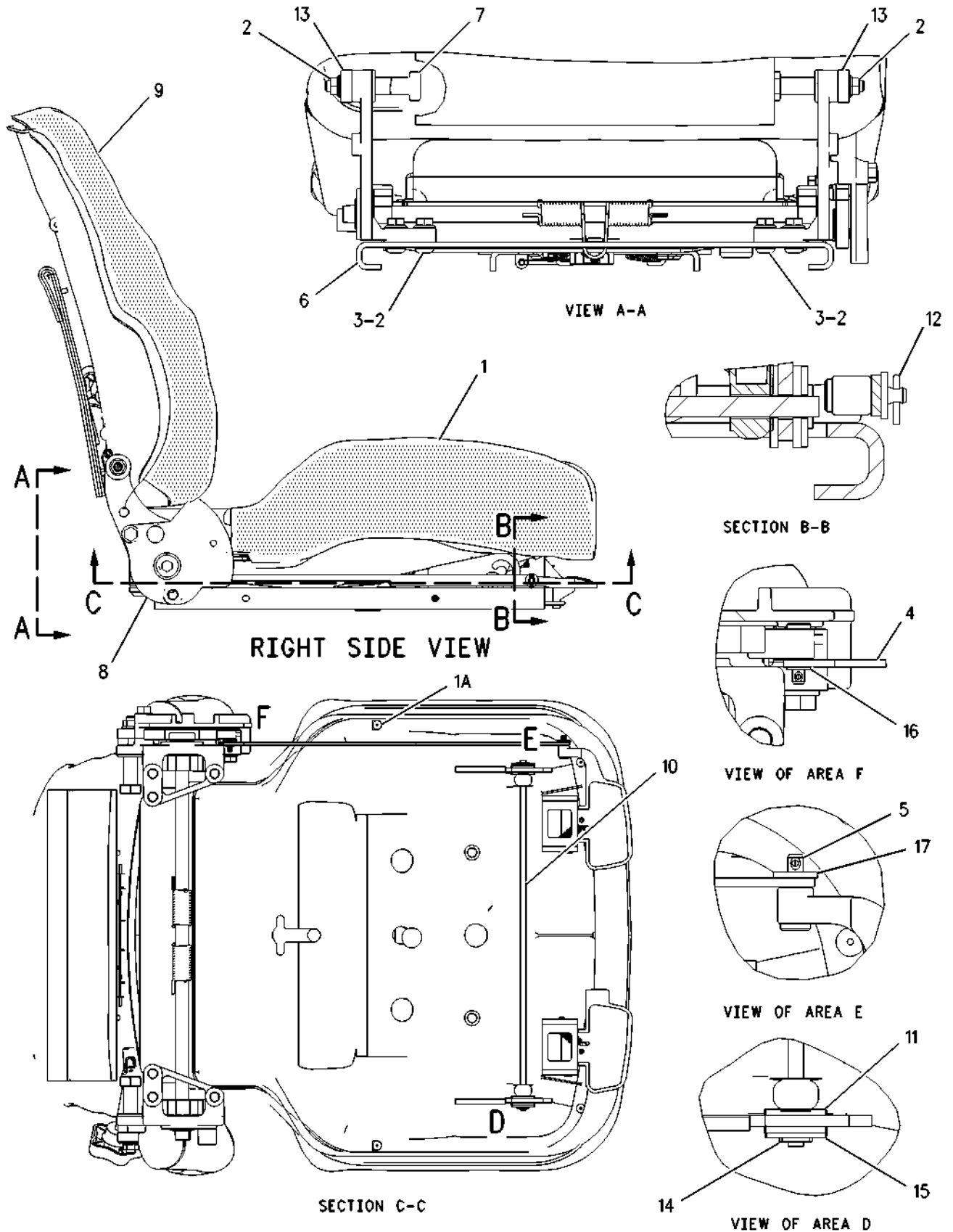
i01989160

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	172-6581	1	PAN AS	
		1	169-1025	1	CUSHION AS	
	1A	1	6K-3273	5	RIVET-POP	
	2	1	143-1288	8	LOCKNUT-FLANGE (3/8-16 THD)	
	3	1	171-1230	6	SCREW-BUTTON HEAD (3/8-16X1 IN)	
	4	1	171-6682	1	BAR	
	5	1	172-2416	2	PIN	
Y	6	1	173-1028	1	ADJUSTER GP-SEAT	992
	7	1	177-1863	2	BOLT-PIVOT (3/8-16X2.89 IN)	
Y	8	1	177-4935	1	RECLINER GP-SEAT	1092
Y	9	1	180-7307	1	PAN GP-BACKREST	1082
	10	1	184-2298	1	ROD	
	11	1	184-2299	4	WASHER (7X25.4X2.54MM THK)	
	12	1	095-0843	2	PIN-COTTER	
	13	1	8Y-6277	2	SPACER (10.5X28.6X10MM THK)	
	14	1	5V-1496	2	RETAINER	
	15	1	6V-7646	2	WASHER-HARD (7.2X25X2MM THK)	
	16	1	8T-0328	1	WASHER-HARD (5.5X10X1MM THK)	
	17	1	8T-4205	1	WASHER-HARD (7.2X14.5X2MM THK)	
Y-SEPARATE ILLUSTRATION						

OPERATOR STATION

180-7306 SEAT GP (contd.)

i01989160



GRAPHIC #1

<END>

g00756257

OPERATOR STATION

184-6011 SEAT GP

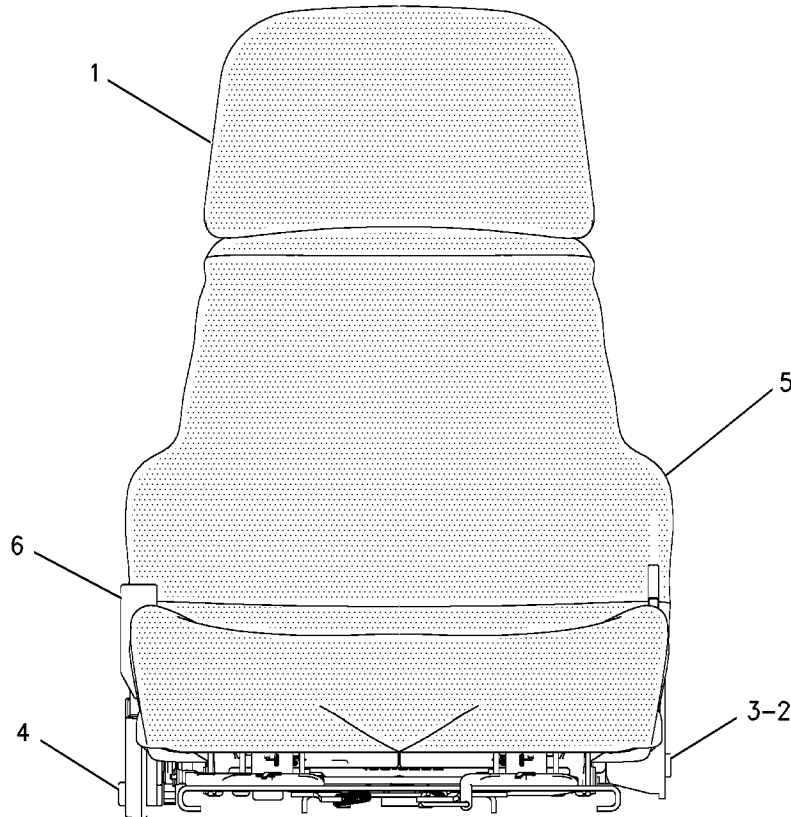
S/N: 7PZ1-UP

PART OF 159-2950 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7312

i01989143

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	173-3083	1	EXTENSION GP-BACKREST (VINYL)						
		1	117-4491	1	ROD						
	2	1	177-4937	1	SPACER (11.7X19.8X20.3MM THK)						
	3	1	205-6388	1	BOLT (7/16-20X44.45MM)						
	4	1	0T-0244	1	BOLT (7/16-20X1.25 IN)						
Y	5	1	180-7304	1	SEAT GP (VINYL)						1104
	6	1	222-0345	1	SEAT BELT GP (RETRACTABLE)						
Y-SEPARATE ILLUSTRATION											



FRONT VIEW

GRAPHIC #1

<END>

g00683843

OPERATOR STATION

184-6012 SEAT GP

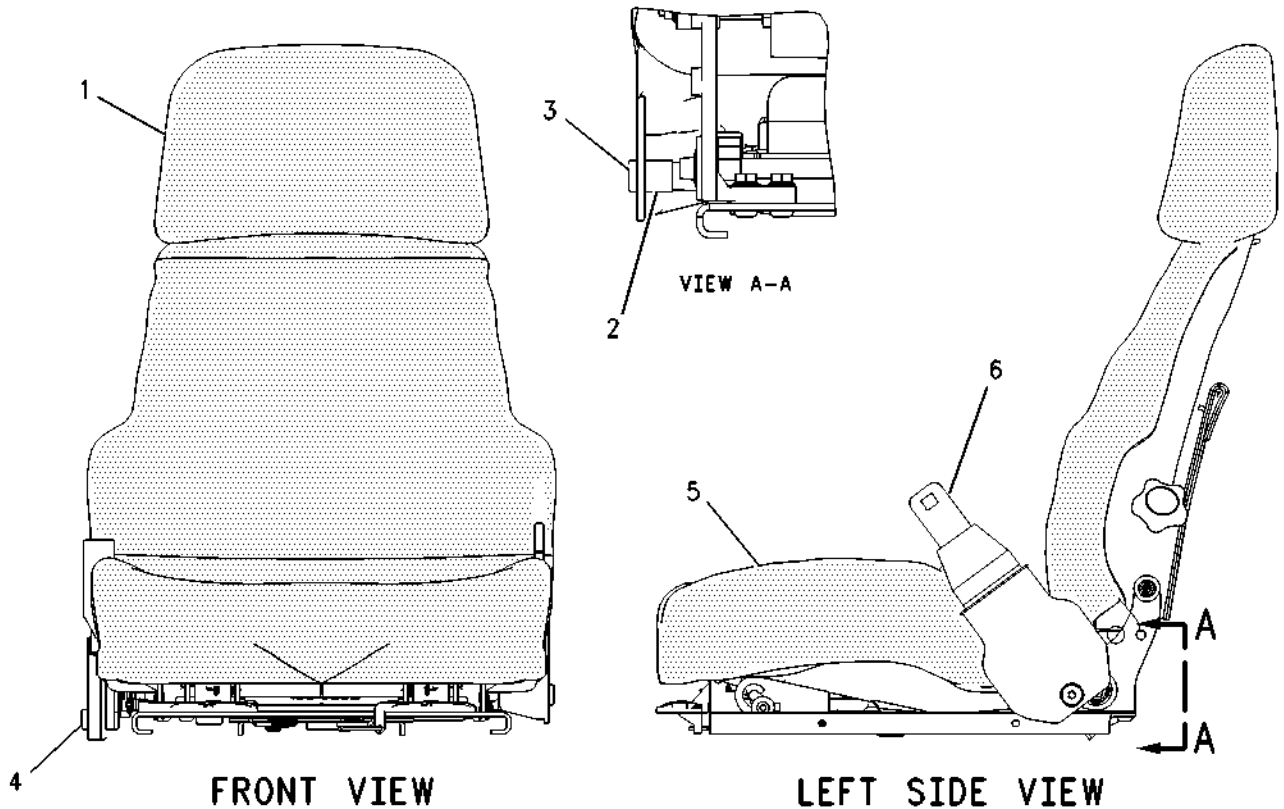
S/N: 7PZ392-UP

PART OF 159-2951, 159-2952, 220-8634 SEAT GP-SUSPENSION
ALSO AN ATTACHMENT

SMCS-7312

i01972876

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	173-3084	1	EXTENSION GP-BACKREST (CLOTH)	
		1	117-4491	1	ROD	
	2	1	177-4937	1	SPACER (11.7X19.8X20.3MM THK)	
	3	1	205-6388	1	BOLT (7/16-20X44.45MM)	
	4	1	0T-0244	1	BOLT (7/16-20X1.25 IN)	
Y	5	1	180-7306	1	SEAT GP	1106
	6	1	222-0345	1	SEAT BELT GP (RETRACTABLE)	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g00682472

OPERATOR STATION

8Y-6138 SEAT GP-SUSPENSION

S/N: 7PZ1-391

FABRIC, LUMBAR

PART OF 137-7368 SEAT GP

SMCS-7321, 7324, 7336

i01989180

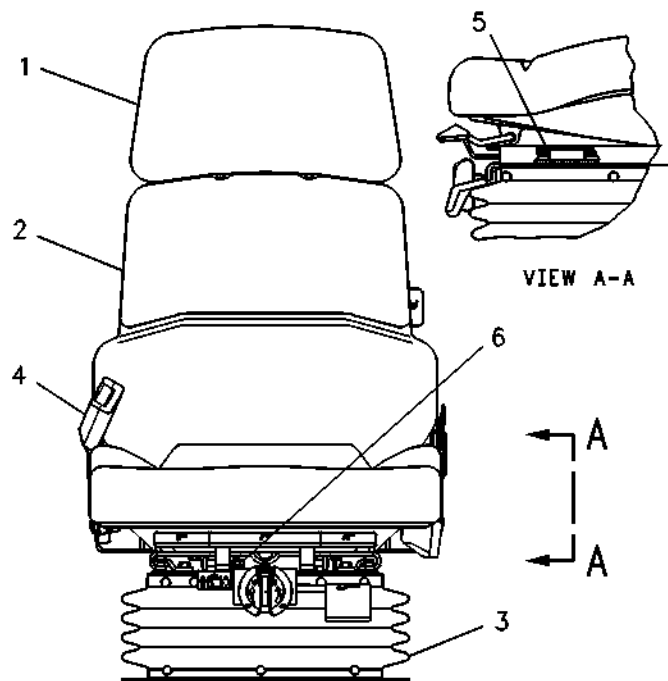
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	8Y-5874	1	EXTENSION GP-BACKREST	1029
Y	2	1	8Y-5986	1	SEAT GP	1099
Y	3	1	108-4082	1	SUSPENSION GP-SEAT	1125
CY	4	1	156-1148	1	SEAT BELT GP	1096
JZ	5	1		4	BLOCK-SLIDER	
J	6	1	4F-4879	1	BOLT (3/8-16X.5 IN)	
AVAILABLE REPAIR KIT(S) :						
J			149-4745	1	KIT-SLIDER BLOCK (SUSPENSION SEAT)	

C-CHANGE FROM PREVIOUS TYPE

J-KIT MARKED J INCLUDES PARTS MARKED J

Y-SEPARATE ILLUSTRATION

Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00128658

OPERATOR STATION

8Y-6179 SEAT GP-SUSPENSION

S/N: 7PZ1-UP

VINYL

PART OF 8E-9546 SEAT AR
AN ATTACHMENT

SMCS-7321, 7324, 7336

i01989131

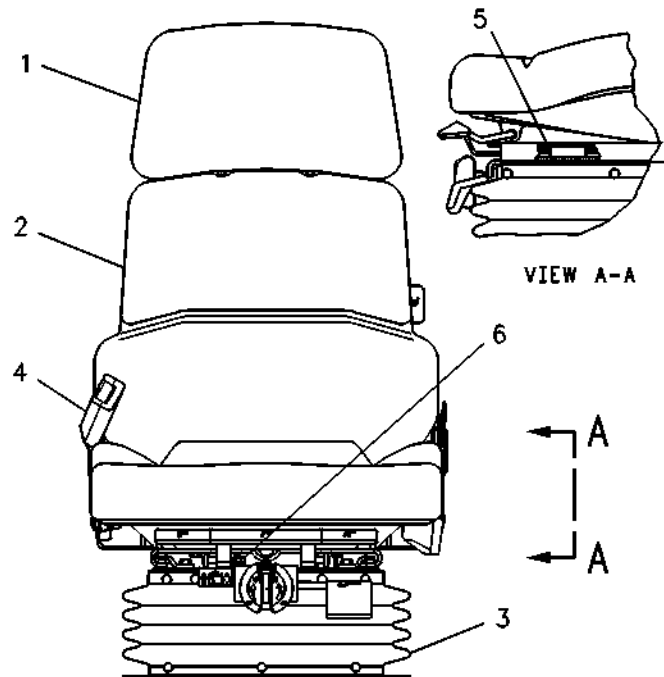
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	8Y-5959	1	EXTENSION GP-BACKREST (VINYL)	1030
Y	2	1	8Y-5976	1	SEAT GP (VINYL) (LUMBAR)	1097
Y	3	1	108-4082	1	SUSPENSION GP-SEAT	1125
YC	4	1	156-1148	1	SEAT BELT GP	1096
JZ	5	1		4	BLOCK-SLIDER	
J	6	1	4F-4879	1	BOLT (3/8-16X.5 IN)	
AVAILABLE REPAIR KIT(S) :						
J			149-4745	1	KIT-SLIDER BLOCK (SUSPENSION SEAT)	

C-CHANGE FROM PREVIOUS TYPE

J-KIT MARKED J INCLUDES PARTS MARKED J

Y-SEPARATE ILLUSTRATION

Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00128658

OPERATOR STATION

131-4426 SEAT GP-SUSPENSION

S/N: 7PZ1-UP

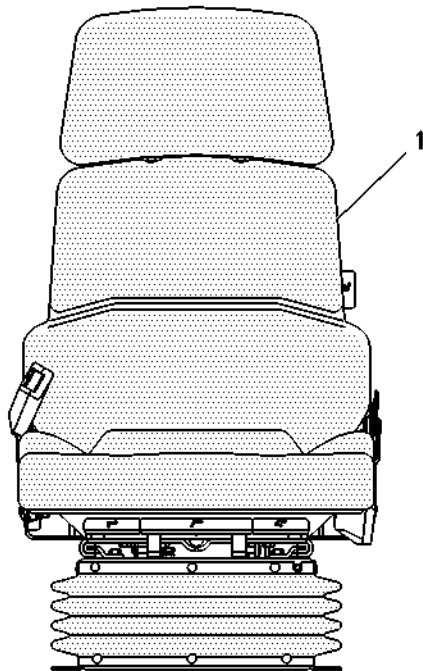
FABRIC

FOR USE WITH MACHINES EQUIPPED WITH CABS
AN ATTACHMENT

SMCS-7321, 7324, 7336

i00684209

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	131-8422	1	SEAT GP-SUSPENSION						1115
Y-SEPARATE ILLUSTRATION											



FRONT VIEW

<END>

GRAPHIC #1

g00258344

OPERATOR STATION

131-8422 SEAT GP-SUSPENSION

S/N: 7PZ1-UP

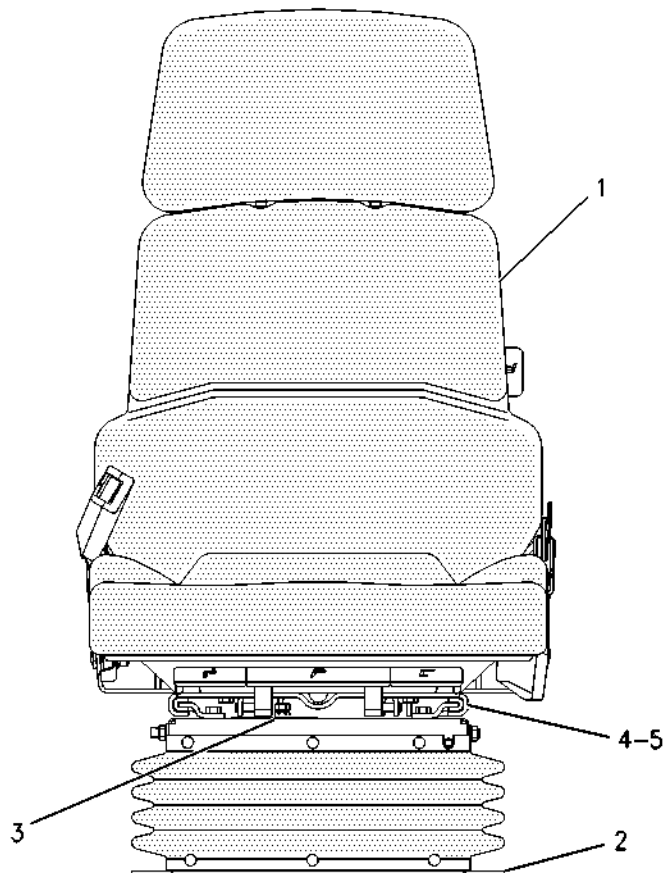
PART OF 131-4426 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7321, 7324, 7336

i01989158

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	125-6224	1	SEAT GP (LUMBAR)	1101
Y	2	1	149-2404	1	SUSPENSION GP-SEAT	1127
J	3	1	4F-4879	1	BOLT (3/8-16X.5 IN)	
JZ	4	1		4	BLOCK-SLIDER	
JZ	5	1		4	SETSCREW (1/4-20 THD)	
AVAILABLE REPAIR KIT(S) :						
CJ			166-7225	1	KIT-SLIDER BLOCK (SUSPENSION SEAT)	

C-CHANGE FROM PREVIOUS TYPE
J-REPAIR KIT MARKED J INCLUDES PARTS MARKED J
Y-SEPARATE ILLUSTRATION
Z-NOT SERVICED SEPARATELY



FRONT VIEW

GRAPHIC #1

<END>

g00659499

OPERATOR STATION

156-7419 SEAT GP-SUSPENSION

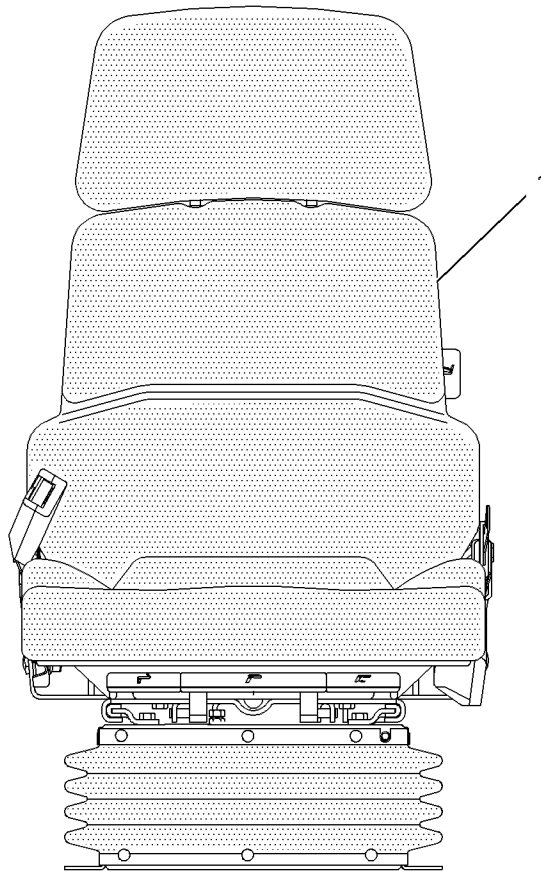
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FOR USE WITH MACHINES EQUIPPED WITH CAB
AN ATTACHMENT

SMCS-7321, 7324, 7336

i00860115

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	159-2952	1	SEAT GP-SUSPENSION						1120
Y-SEPARATE ILLUSTRATION											



FRONT VIEW

GRAPHIC #1

<END>

g00444688

OPERATOR STATION

156-7419 SEAT GP-SUSPENSION

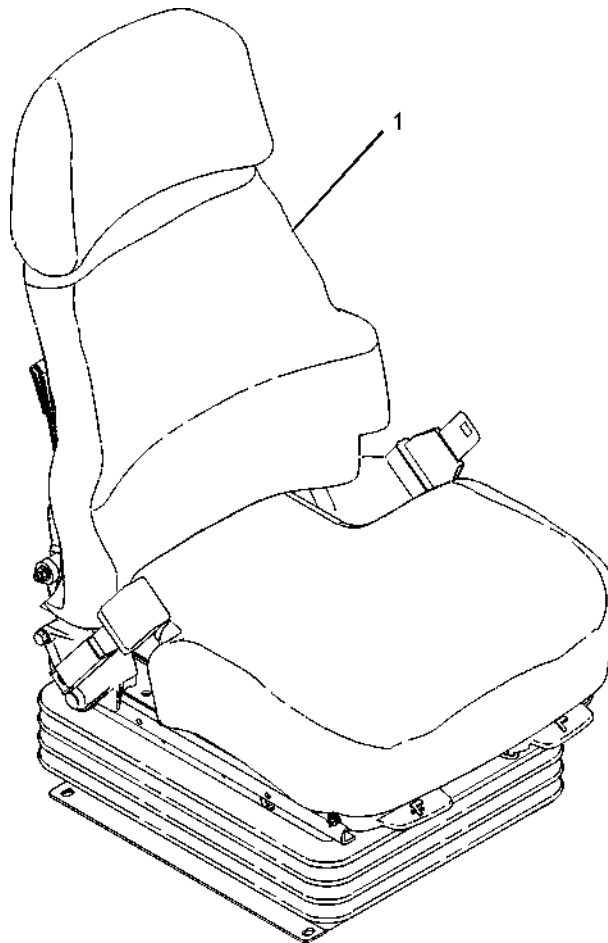
S/N: 7PZ615-UP

FOR USE WITH MACHINES EQUIPPED WITH CAB
AN ATTACHMENT

SMCS-7321, 7324, 7336

i01837075

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	220-8634	1	SEAT GP-SUSPENSION	1121
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01009469

OPERATOR STATION

159-2950 SEAT GP-SUSPENSION

S/N: 7PZ1-UP

VINYL

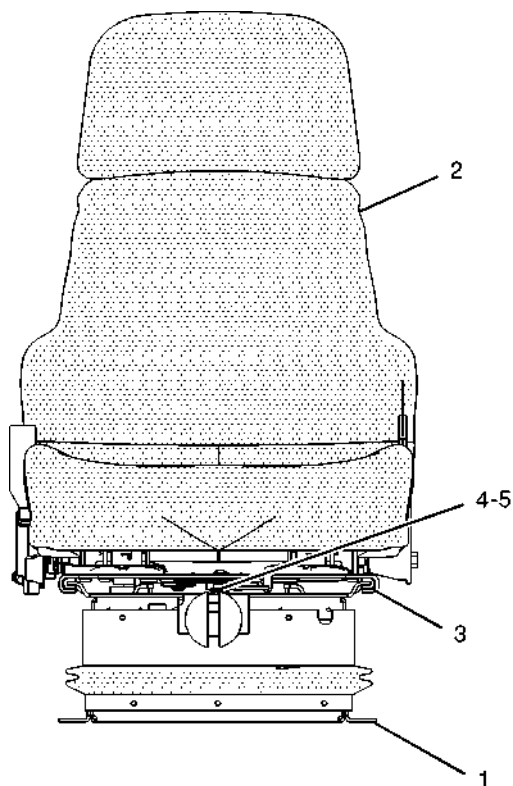
PART OF 164-9429 SEAT AR
AN ATTACHMENT

SMCS-7321, 7324, 7336

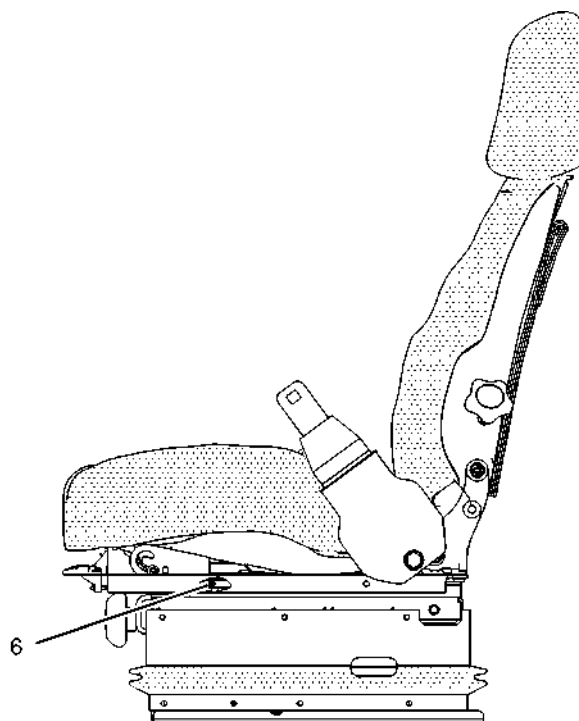
i01969002

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	160-7165	1	SUSPENSION GP-SEAT	1130
Y	2	1	184-6011	1	SEAT GP (VINYL)	1110
J	3	1	161-9289	4	BLOCK-SLIDER	
J	4	1	4F-4879	1	BOLT (3/8-16X.5 IN)	
J	5	1	203-7703	2	WASHER-HARD (10.2X22.22X2.38MM THK)	
J	6	1	173-5787	4	SETSCREW (1/4-20 THD)	
AVAILABLE REPAIR KIT(S) :						
J			173-7035	1	KIT-SLIDER BLOCK (SUSPENSION SEAT)	

J-KIT MARKED J SERVICES PART(S) MARKED J
Y-SEPARATE ILLUSTRATION



FRONT VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01023474

OPERATOR STATION

159-2951 SEAT GP-SUSPENSION

S/N: 7PZ392-UP

FABRIC

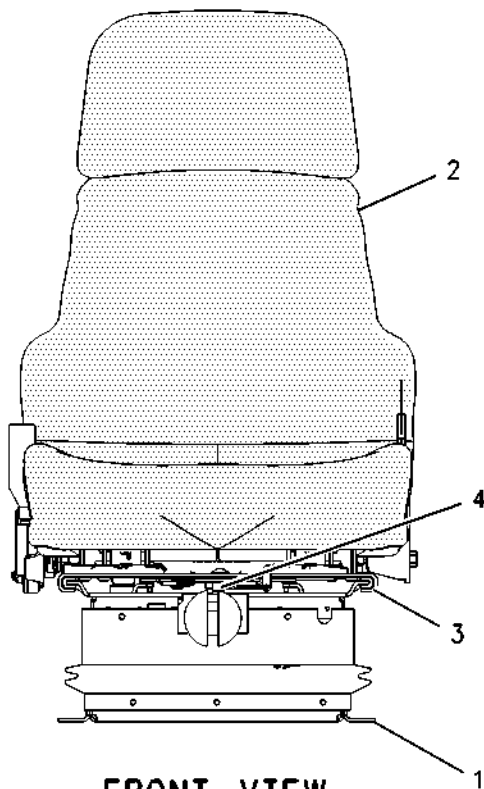
PART OF 156-7418 SEAT GP

SMCS-7321, 7324, 7336

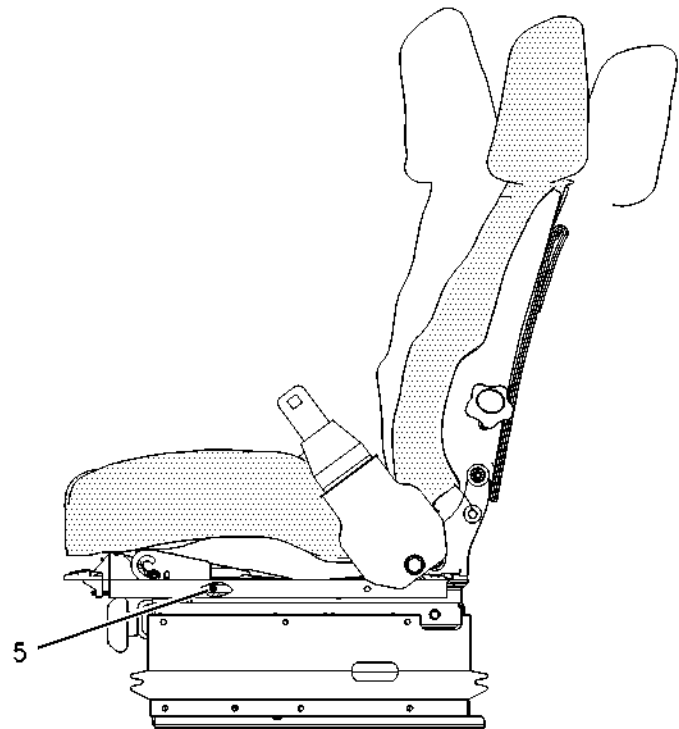
i01989146

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	160-7165	1	SUSPENSION GP-SEAT	1130
Y	2	1	184-6012	1	SEAT GP	1111
JZ	3	1		4	BLOCK-SLIDER	
J	4	1	4F-4879	1	BOLT (3/8-16X.5 IN)	
J		1	203-7703	2	WASHER-HARD (10.2X22.22X2.38MM THK)	
J	5	1	173-5787	4	SETSCREW (1/4-20 THD)	
AVAILABLE REPAIR KIT(S) :						
J			173-7035	1	KIT-SLIDER BLOCK (SUSPENSION SEAT)	

J-KIT MARKED J INCLUDES PARTS MARKED J
Y-SEPARATE ILLUSTRATION
Z-NOT SERVICED SEPARATELY



FRONT VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00610923

OPERATOR STATION

159-2952 SEAT GP-SUSPENSION

S/N: 7PZ1-614

FABRIC

PART OF 156-7419 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7321, 7324, 7336

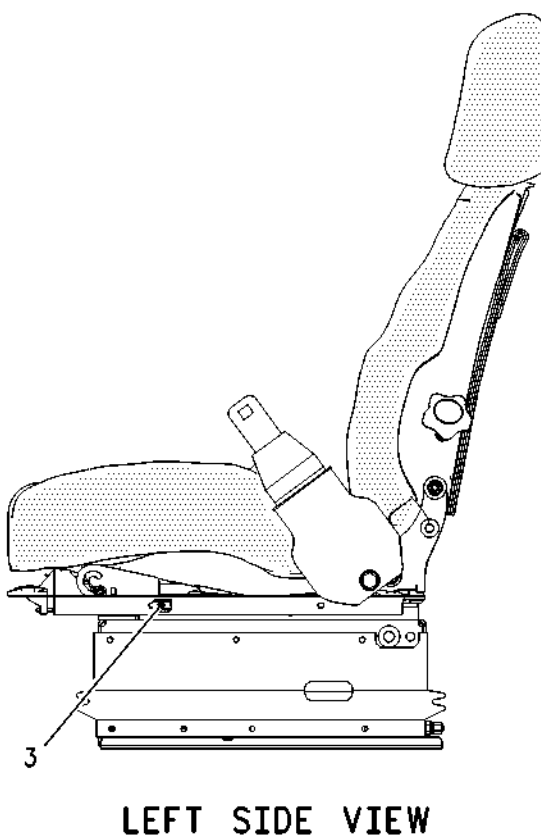
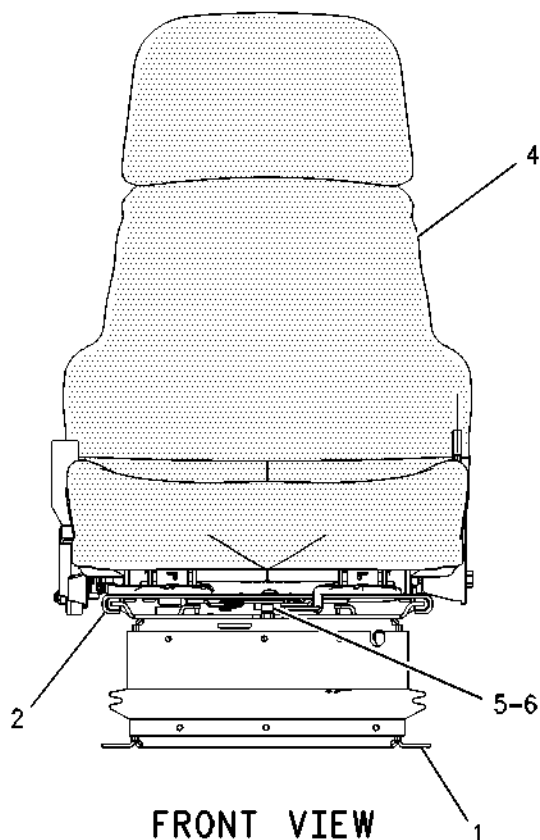
i01989145

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	161-7539	1	SUSPENSION GP-SEAT (AIR)	1132
JZ	2	1		4	BLOCK-SLIDER	
J	3	1	173-5787	4	SETSCREW (1/4-20 THD)	
Y	4	1	184-6012	1	SEAT GP	1111
J	5	1	4F-4879	1	BOLT (3/8-16X.5 IN)	
J	6	1	203-7703	2	WASHER-HARD (10.2X22.22X2.38MM THK)	
AVAILABLE REPAIR KIT(S) :						
J			173-7035	1	KIT-SLIDER BLOCK (SUSPENSION SEAT)	

J-KIT MARKED J INCLUDES PARTS MARKED J

Y-SEPARATE ILLUSTRATION

Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00827877

OPERATOR STATION

220-8634 SEAT GP-SUSPENSION

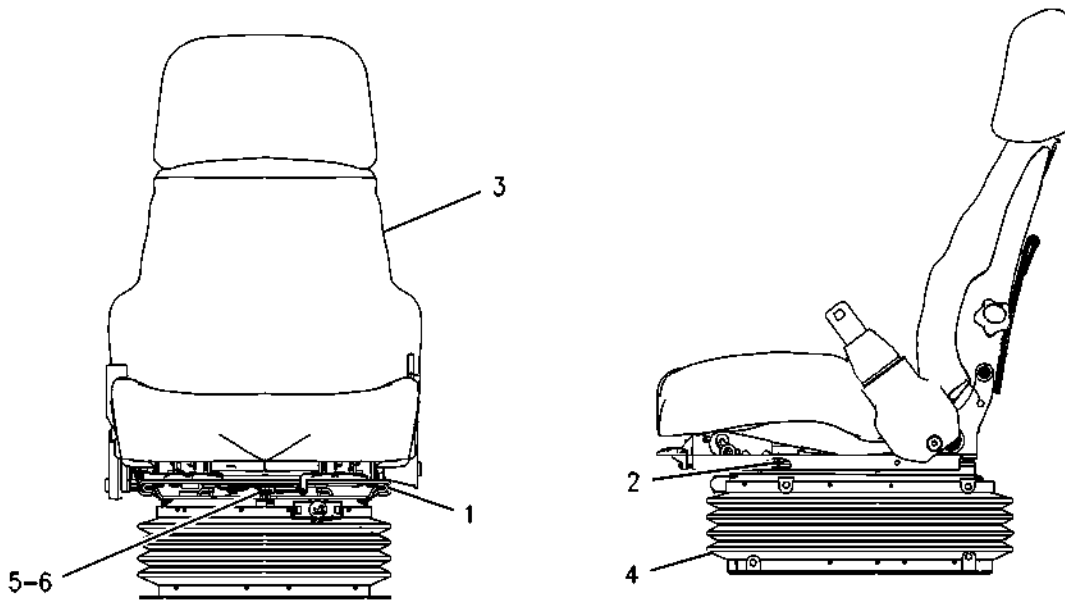
S/N: 7PZ615-UP

PART OF 156-7419 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7321, 7324, 7336

i01989189

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
JZ	1	1		4	BLOCK-SLIDER						
J	2	1	173-5787	4	SETSCREW (1/4-20 THD)						
Y	3	1	184-6012	1	SEAT GP						1111
Y	4	1	191-2933	1	SUSPENSION GP-SEAT						1134
J	5	1	203-7703	2	WASHER-HARD (10.2X22.22X2.38MM THK)						
J	6	1	4F-4879	1	BOLT (3/8-16X.5 IN)						
AVAILABLE REPAIR KIT(S) :											
J			173-7035	1	KIT-SLIDER BLOCK (SUSPENSION SEAT)						
J-KIT MARKED J INCLUDES PARTS MARKED J											
Y-SEPARATE ILLUSTRATION											
Z-NOT SERVICED SEPARATELY											



GRAPHIC #1

<END>

g00909437

OPERATOR STATION

239-2146 STEP GP

S/N: 7PZ754-UP

PART OF 237-0138 PLATFORM AR
AN ATTACHMENT

SMCS-7254

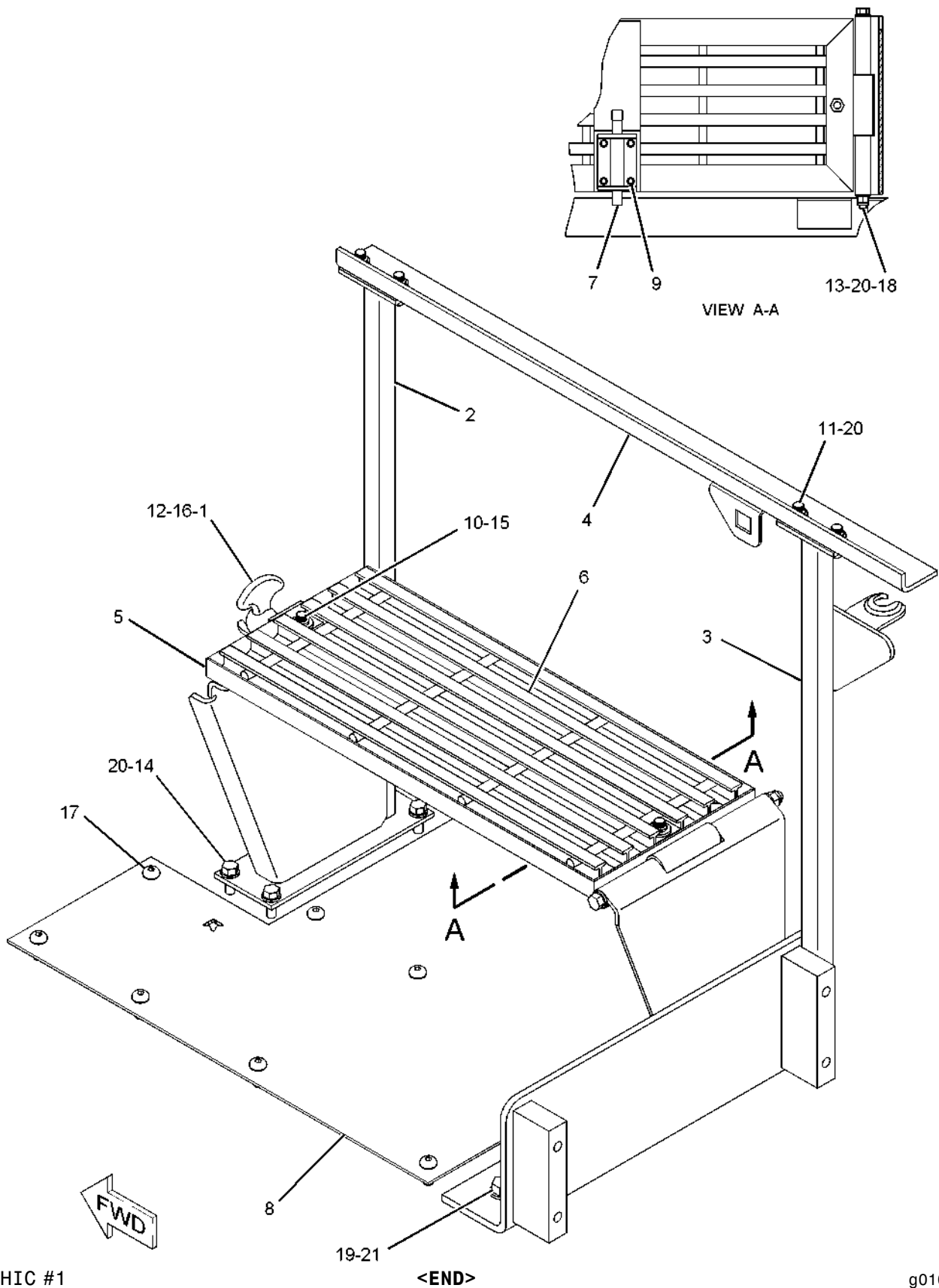
i01980463

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9M-3835	1	LATCH-RUBBER						
	2	1	239-2147	1	SUPPORT AS (SIDE)						
	3	1	239-2148	1	SUPPORT AS						
	4	1	239-2150	1	PLATE AS						
	5	1	239-2278	1	FRAME AS						
	6	1	239-2279	1	GRATE AS						
	7	1	240-0318	1	LATCH AS						
	8	1	240-8954	1	PLATE						
	9	1	005-8160	4	BOLT-12 POINT HEAD						
	10	1	1T-0720	2	BOLT-12 POINT HEAD (3/8-16X1.25 IN)						
	11	1	1T-0765	4	BOLT (3/8-16X1 IN)						
	12	1	2M-5795	1	PIN-CLEVIS						
	13	1	3K-6060	1	LOCKNUT (3/8-16 THD)						
	14	1	4L-6454	4	BOLT (3/8-16X1 IN)						
	15	1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)						
	16	1	5V-1496	1	RETAINER						
	17	1	6J-0488	11	SCREW-BUTTON HEAD (3/8-16X0.875 IN)						
	18	1	6V-7191	1	BOLT (3/8-16 THD)						
	19	1	8T-4223	3	WASHER-HARD (13.5X25.5X3MM THK)						
	20	1	8T-4896	10	WASHER-HARD (10.2X18.5X2.5MM THK)						
	21	1	8T-8917	3	BOLT (1/2-13X1.25 IN)						

OPERATOR STATION

239-2146 STEP GP (contd.)

i01980463



GRAPHIC #1

g01027401

OPERATOR STATION

174-7862 SUPPRESSION AR-SOUND

S/N: 7PZ1-UP

EEC

AN ATTACHMENT

SMCS-7329, 7330

i01983263

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	220-0195	1	TANK & LINES GP- EXPANSION						852
Y-SEPARATE ILLUSTRATION									

<END>

OPERATOR STATION

108-4082 SUSPENSION GP-SEAT-SHOCK ABSORBER

S/N: 7PZ1-391

PART OF 8Y-6138, 8Y-6179 SEAT GP-SUSPENSION
ALSO AN ATTACHMENT

SMCS-7324

i01989140

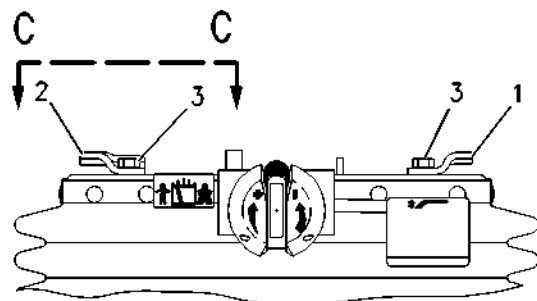
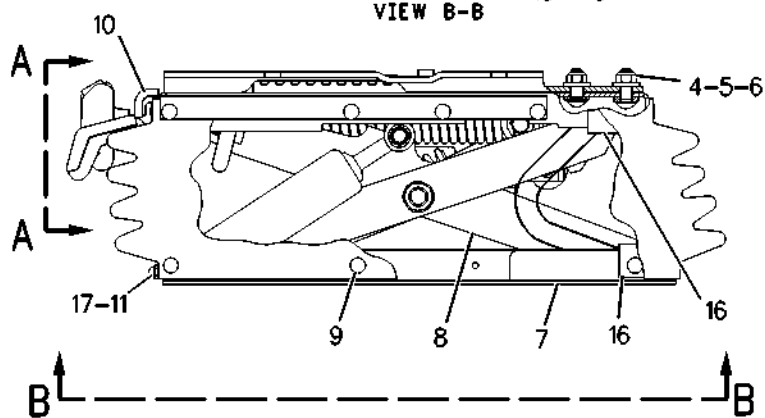
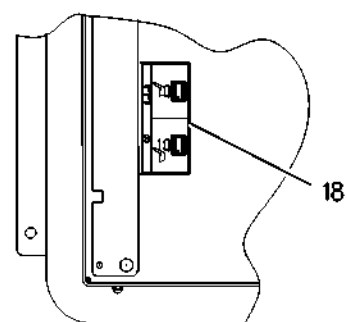
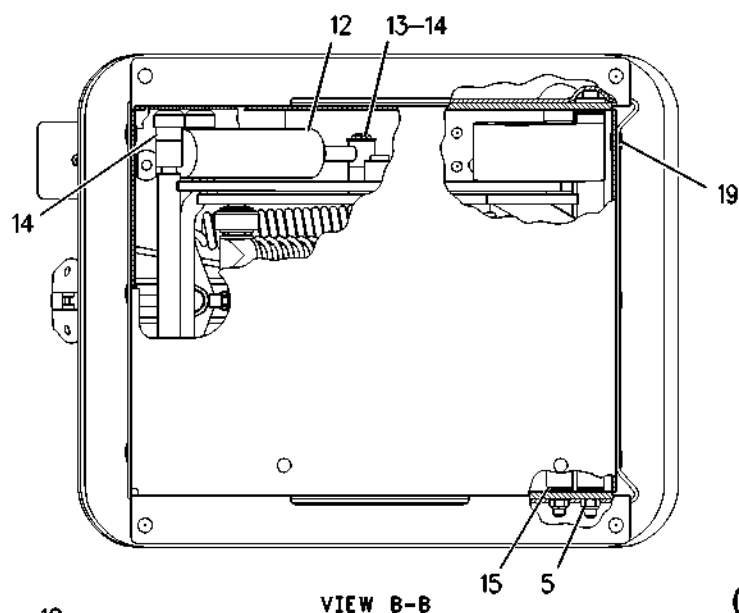
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8Y-6022	1	PLATE-SLIDE	
	2	1	8Y-6023	1	PLATE-SLIDE	
	3	1	5M-3062	2	BOLT (3/8-16X0.75 IN)	
	4	1	5P-1075	4	WASHER-HARD (10.2X22.5X3MM THK)	
	5	1	2K-4973	6	LOCKNUT (3/8-16 THD)	
	6	1	1D-4677	4	BOLT-ROUND HEAD (3/8-16X1 IN)	
	7	1	8Y-6014	1	HOUSING AS-LOWER	
	8	1	8Y-6012	1	ARM AS-SUSPENSION	
J	9	1	101-0003	20	FASTENER	
Y	10	1	108-4582	1	HOUSING GP-SEAT SUSPENSION	1042
J	11	1	166-6781	6	FASTENER	
	12	1	8Y-5965	1	ABSORBER AS-SHOCK	
	13	1	5V-1497	1	RETAINER	
	14	1	4V-7884	2	BEARING	
	15	1	4V-8577	4	BEARING	
	16	1	8Y-6024	2	SHAFT AS	
J	17	1	163-1146	3	FASTENER	
	18	1	145-0326	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)	
	19	1	197-7689	3	FASTENER	
AVAILABLE REPAIR KIT(S):						
			101-4194	1	KIT-BELT TETHER (SUSPENSION SEAT) (INCLUDES 2 BELTS)	
			101-4195	1	KIT-SUSPENSION ROLLER (SUSPENSION SEAT) (INCLUDES 4 ROLLERS)	
J			8Y-5944	1	KIT-SUSPENSION BOOT (SUSPENSION SEAT) (INCLUDES BOOT & 2 RETAINERS)	

J-KIT MARKED J INCLUDES PARTS MARKED J
Y-SEPARATE ILLUSTRATION

OPERATOR STATION

108-4082 SUSPENSION GP-SEAT (contd.)

i01989140



GRAPHIC #1

<END>

g00790940

OPERATOR STATION

149-2404 SUSPENSION GP-SEAT-AIR

S/N: 7PZ1-UP

24 VOLTS

PART OF 131-8422 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7324

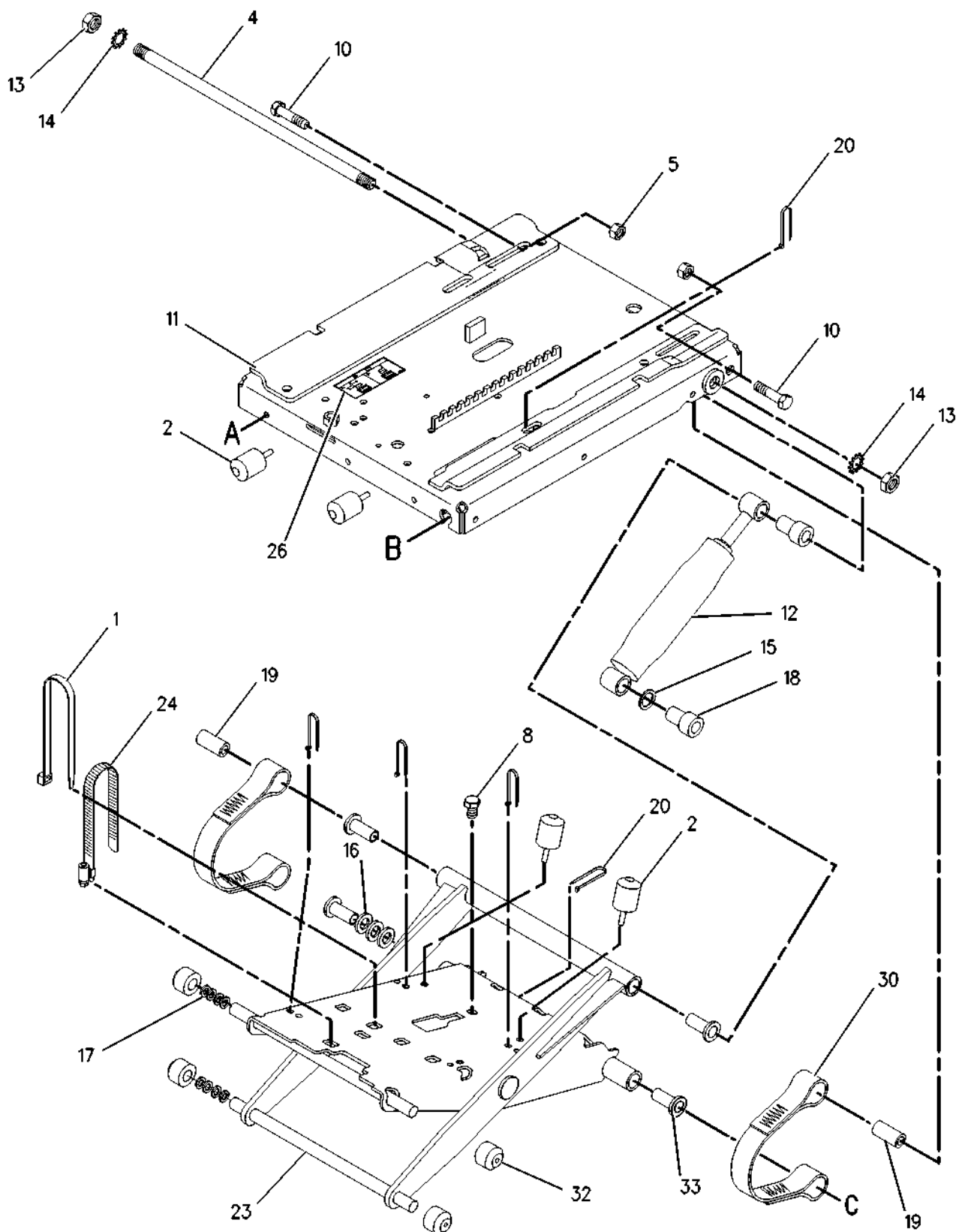
i01989159

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6K-0806	1	STRAP-CABLE	
	2	1	102-6317	4	BUMPER	
	3	2	8Y-6917	1	BOOT	
	4	1,2	123-8157	2	SHAFT	
	5	1,2	2K-4973	3	LOCKNUT (3/8-16 THD)	
	6	2	4V-8556	1	BOLT (3/8-16X2.34 IN)	
	7	2	166-7401	1	HOUSING AS (LOWER)	
M		2	8T-3490	4	NUT-WELD (M10X1.5 THD)	
	8	1	5P-8167	1	BOLT (3/8-16X0.625 IN)	
	9	2	8M-3267	1	SCREW-HEX SOCKET (3/8-16X0.75 IN)	
	10	1	8T-2501	2	BOLT (3/8-16X2 IN)	
	11	1	166-7221	1	HOUSING AS (UPPER)	
	12	1	123-9131	1	ABSORBER AS-SHOCK	
	13	1,2	1B-4430	4	NUT-JAM (1/2-20 THD)	
	14	1,2	3J-4818	4	LOCKWASHER	
B	15	1	160-7765	1	WASHER (16.26X22.23X1.97MM THK)	
B	16	1	160-7766	3	WASHER (16.26X22.23X0.51MM THK)	
B	17	1	160-7767	8	WASHER (3.68X12.57X0.51MM THK)	
	18	1	4V-7884	2	BEARING	
	19	1	128-0686	2	SPACER (9.78X15.88X27.8MM THK)	
	20	1	8L-8413	5	STRAP-CABLE	
	21	2	124-7128	1	BUSHING-RELIEF	
BE	22	2	147-6541		TUBE	
	23	1	148-3749	1	SCISSORS AS	
	24	1	9M-0164	1	CLAMP-HOSE	
	25	2	147-6523	1	COMPRESSOR	
	26	1	145-0326	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)	
	27	2	147-4549	2	FITTING-ELBOW	
	28	2	147-6522	1	SPRING	
	29	2	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
PZ	30	1		2	TETHER	
JZ	31	2		30	CLIP	
LZ	32	1		4	ROLLER	
LZ	33	1		4	BEARING	
NZ	34	2		1	HARNESS	
NZ	35	2		1	RING-LOCK	
NZ	36	2		1	LOCKWASHER	
NZ	37	2		1	NUT	
					AVAILABLE REPAIR KIT(S) :	
J			8Y-6928	1	KIT-FASTENER (SUSPENSION SEAT)	
L			123-9128	1	KIT-ROLLER (SUSPENSION SEAT)	
					(INCLUDES TIE WRAP)	
N			123-8266	1	KIT-WIRING HARNESS (AIR SUSPENSION SEAT)	
					(SUSPENSION SEAT)	
					(INCLUDES 5-TIE WRAPS)	
P			128-0613	1	KIT-TETHER (SUSPENSION SEAT)	
B-USE AS REQUIRED						
E-ORDER BY THE CENTIMETER						
J-KIT(S) MARKED J SERVICES PART(S) MARKED J						
L-KIT(S) MARKED L SERVICES PART(S) MARKED L						
M-METRIC PART						
N-KIT(S) MARKED N SERVICES PART(S) MARKED N						
P-KIT(S) MARKED P SERVICES PART(S) MARKED P						
Z-NOT SERVICED SEPARATELY						

OPERATOR STATION

149-2404 SUSPENSION GP-SEAT (contd.)

i01989159



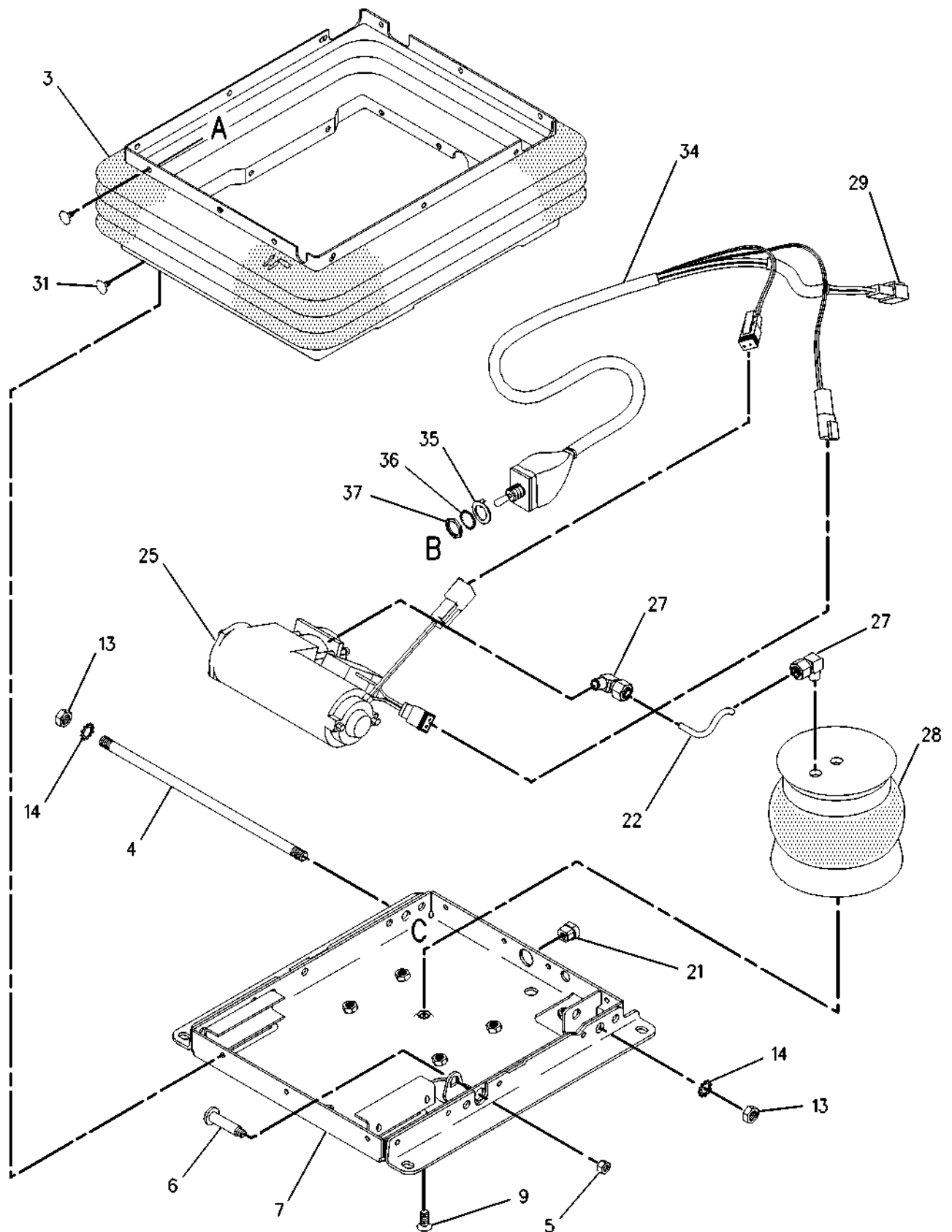
GRAPHIC #1

g00649641

OPERATOR STATION

149-2404 SUSPENSION GP - SEAT (contd.)

i01989159



GRAPHIC #2

<END>

g00799959

OPERATOR STATION

160-7165 SUSPENSION GP-SEAT-SHOCK ABSORBER

S/N: 7PZ1-392

PART OF 159-2950, 159-2951 SEAT GP-SUSPENSION
ALSO AN ATTACHMENT

SMCS-7324

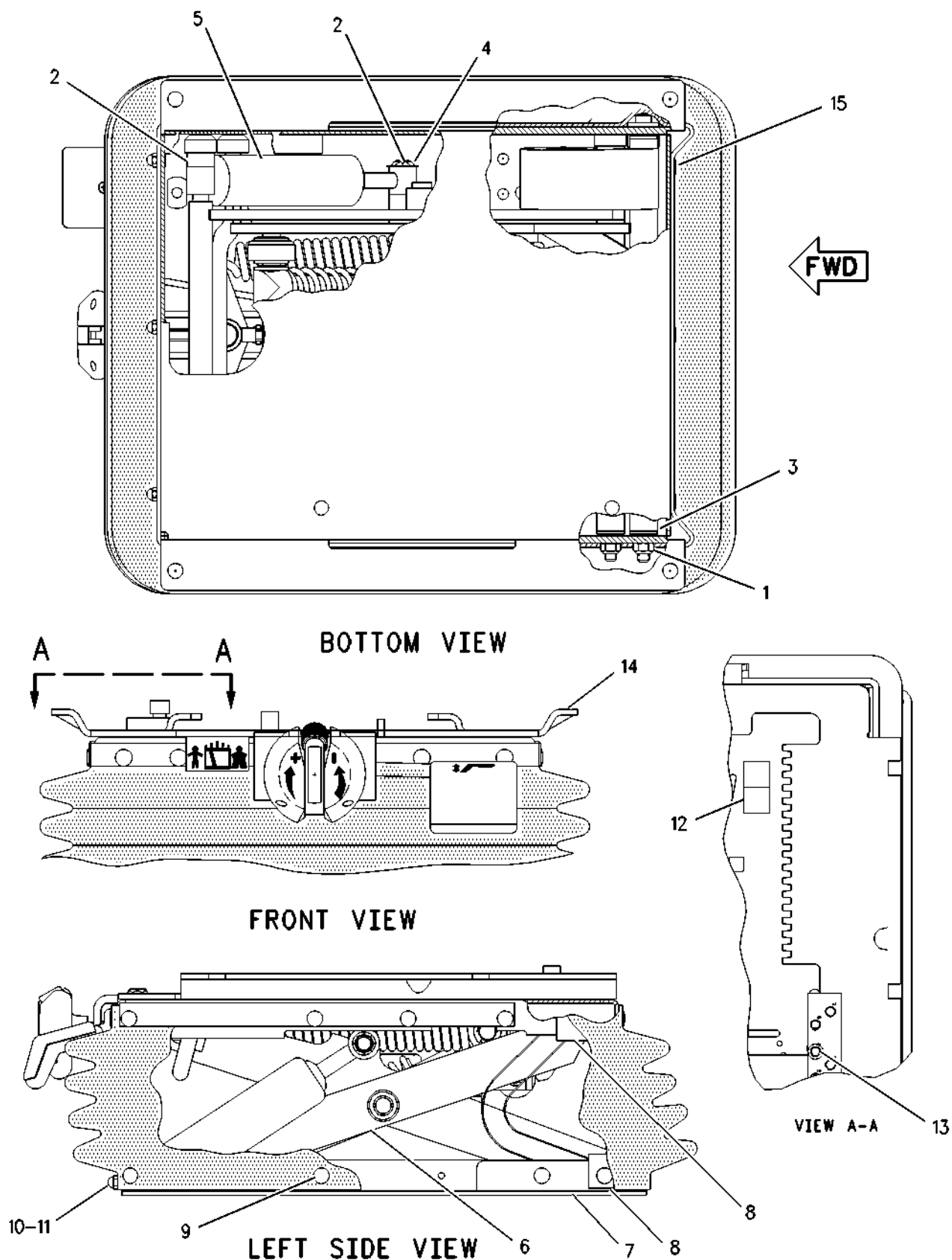
i01897618

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2K-4973	2	LOCKNUT (3/8-16 THD)						
	2	1	4V-7884	2	BEARING						
	3	1	4V-8577	4	BEARING						
	4	1	5V-1497	1	RETAINER						
	5	1	8Y-5965	1	ABSORBER AS-SHOCK						
	6	1	8Y-6012	1	ARM AS-SUSPENSION						
	7	1	8Y-6014	1	HOUSING AS-LOWER						
	8	1	8Y-6024	2	SHAFT AS						
J	9	1	101-0003	20	FASTENER						
J	10	1	166-6781	3	FASTENER (15.9MM OD)						
J		1	197-7689	3	FASTENER (5.9MM OD)						
J	11	1	163-1146	3	FASTENER						
	12	1	145-0326	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)						
	13	1	169-7380	1	BOLT-SOCKET HEAD (3/8-16X0.375 IN)						
Y	14	1	174-2231	1	HOUSING GP-SEAT SUSPENSION						1045
	15	1	197-7689	3	FASTENER						
AVAILABLE REPAIR KIT(S) :											
J			8Y-5944	1	KIT-SUSPENSION BOOT (SUSPENSION SEAT)						
					(INCLUDES BOOT, RETAINER, FASTENERS & PARTS MARKED J)						
			101-4194	1	KIT-BELT TETHER (SUSPENSION SEAT)						
			101-4195	1	KIT-SUSPENSION ROLLER (SUSPENSION SEAT)						
J-KIT MARKED J SERVICES PART(S) MARKED J											
Y-SEPARATE ILLUSTRATION											

OPERATOR STATION

160-7165 SUSPENSION GP-SEAT (contd.)

i01897618



GRAPHIC #1

<END>

g00801013

OPERATOR STATION

161-7539 SUSPENSION GP-SEAT-AIR

S/N: 7PZ1-614

24 VOLT

PART OF 159-2952 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7324

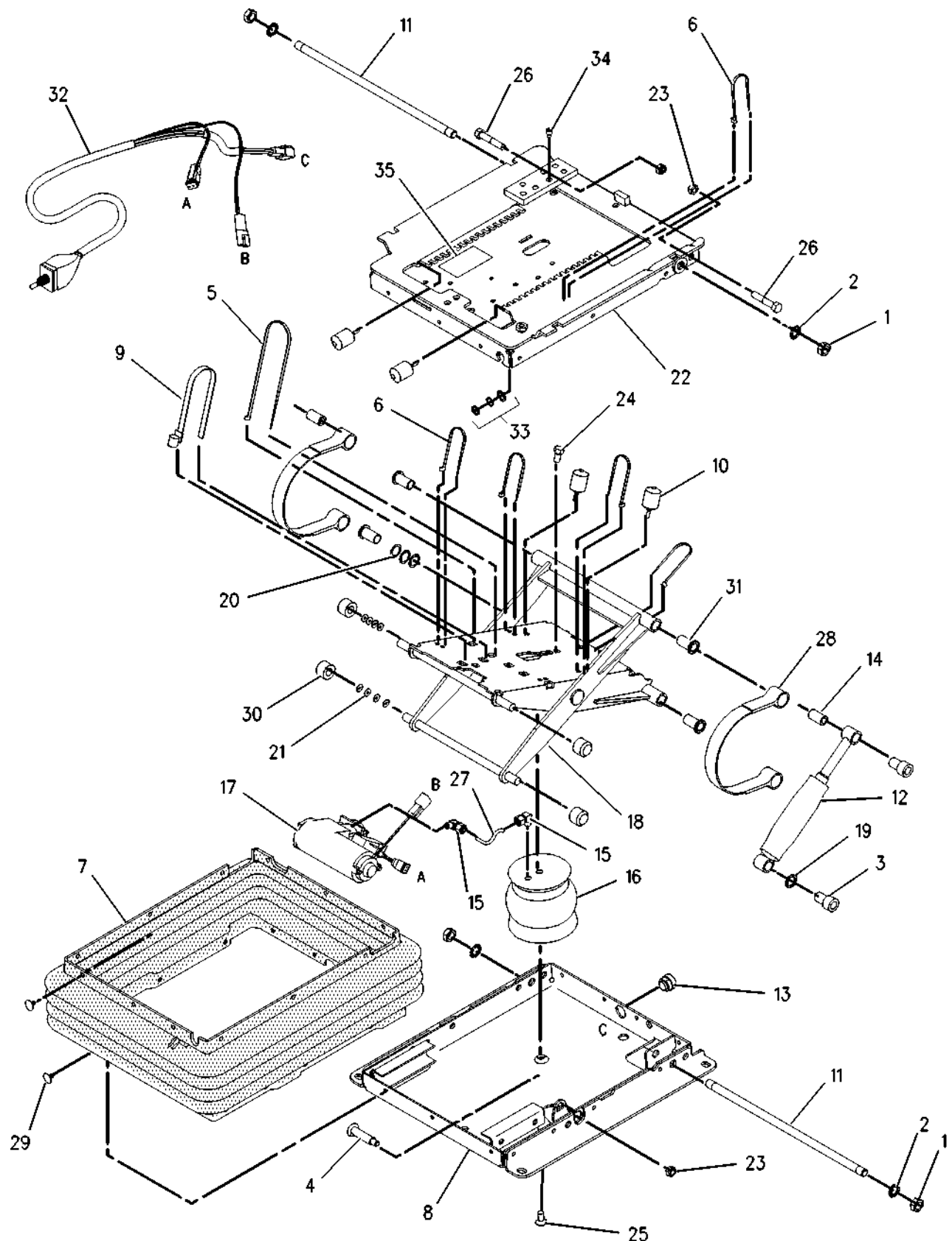
i01897622

NOTE	REF	GRAPHIC	PART NUMBER	QTY	PART NAME						SEE
	NO	REF			1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1B-4430	4	NUT-JAM (1/2-20 THD)						
	2	1	3J-4818	4	LOCKWASHER						
	3	1	4V-7884	2	BEARING						
	4	1	4V-8556	1	BOLT (3/8-16X2.34 IN)						
	5	1	6K-0806	1	STRAP-CABLE						
	6	1	8L-8413	5	STRAP-CABLE						
	7	1	8Y-6917	1	BOOT						
	8	1	166-7401	1	HOUSING AS						
	9	1	9M-0164	1	CLAMP-HOSE						
	10	1	102-6317	4	BUMPER						
	11	1	123-8157	2	SHAFT						
	12	1	123-9131	1	ABSORBER AS-SHOCK						
	13	1	124-7128	1	BUSHING-RELIEF						
	14	1	128-0686	2	SPACER (9.78X15.88X27.8MM THK)						
	15	1	147-4549	2	FITTING-ELBOW						
	16	1	147-6522	1	SPRING						
	17	1	147-6523	1	COMPRESSOR						
	18	1	148-3749	1	SCISSORS AS						
	19	1	160-7765	1	WASHER (16.26X22.23X1.97MM THK)						
B	20	1	160-7766	3	WASHER (16.26X22.23X0.51MM THK)						
B	21	1	160-7767	8	WASHER (3.68X12.57X0.51MM THK)						
	22	1	164-5951	1	HOUSING AS						
		1	2K-4973	1	LOCKNUT (3/8-16 THD)						
	23	1	2K-4973	3	LOCKNUT (3/8-16 THD)						
	24	1	5P-8167	1	BOLT (3/8-16X0.625 IN)						
	25	1	8M-3267	1	SCREW-HEX SOCKET (3/8-16X0.75 IN)						
	26	1	8T-2501	2	BOLT (3/8-16X2 IN)						
BE	27	1	147-6541		TUBE						
	28	1	128-0613	1	KIT-TETHER (SUSPENSION SEAT)						
					(INCLUDES 2 TETHERS)						
JZ	29	1		27	CLIP						
LZ	30	1		4	ROLLER						
LZ	31	1		4	BEARING						
PZ	32	1		1	HARNESS						
PZ	33	1		1	NUT						
PZ		1		1	WASHER (0.38X0.88X0.02 IN THK)						
PZ		1		1	WASHER						
	34	1	169-7380	1	BOLT-SOCKET HEAD (3/8-16X0.375 IN)						
	35	1	145-0326	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)						
					AVAILABLE REPAIR KIT(S):						
J			8Y-6928	1	KIT-FASTENER (SUSPENSION SEAT)						
L			123-9128	1	KIT-ROLLER (SUSPENSION SEAT)						
					(INCLUDES TIE WRAP)						
P			123-8266	1	KIT-WIRING HARNESS (AIR SUSPENSION SEAT)						
					(INCLUDES TIE WRAPS)						
B-USE AS REQUIRED											
E-ORDER BY THE CENTIMETER											
J-REPAIR KIT MARKED J INCLUDES PART(S) MARKED J											
L-REPAIR KIT MARKED L INCLUDES PART(S) MARKED L											
P-REPAIR KIT MARKED P INCLUDES PART(S) MARKED P											
Z-NOT SERVICED SEPARATELY											

OPERATOR STATION

161-7539 SUSPENSION GP-SEAT (contd.)

i01897622



GRAPHIC #1

<END>

g00835357

OPERATOR STATION

191-2933 SUSPENSION GP-SEAT-AIR

S/N: 7PZ615-UP

PART OF 220-8634 SEAT GP-SUSPENSION

AN ATTACHMENT

SMCS-7324

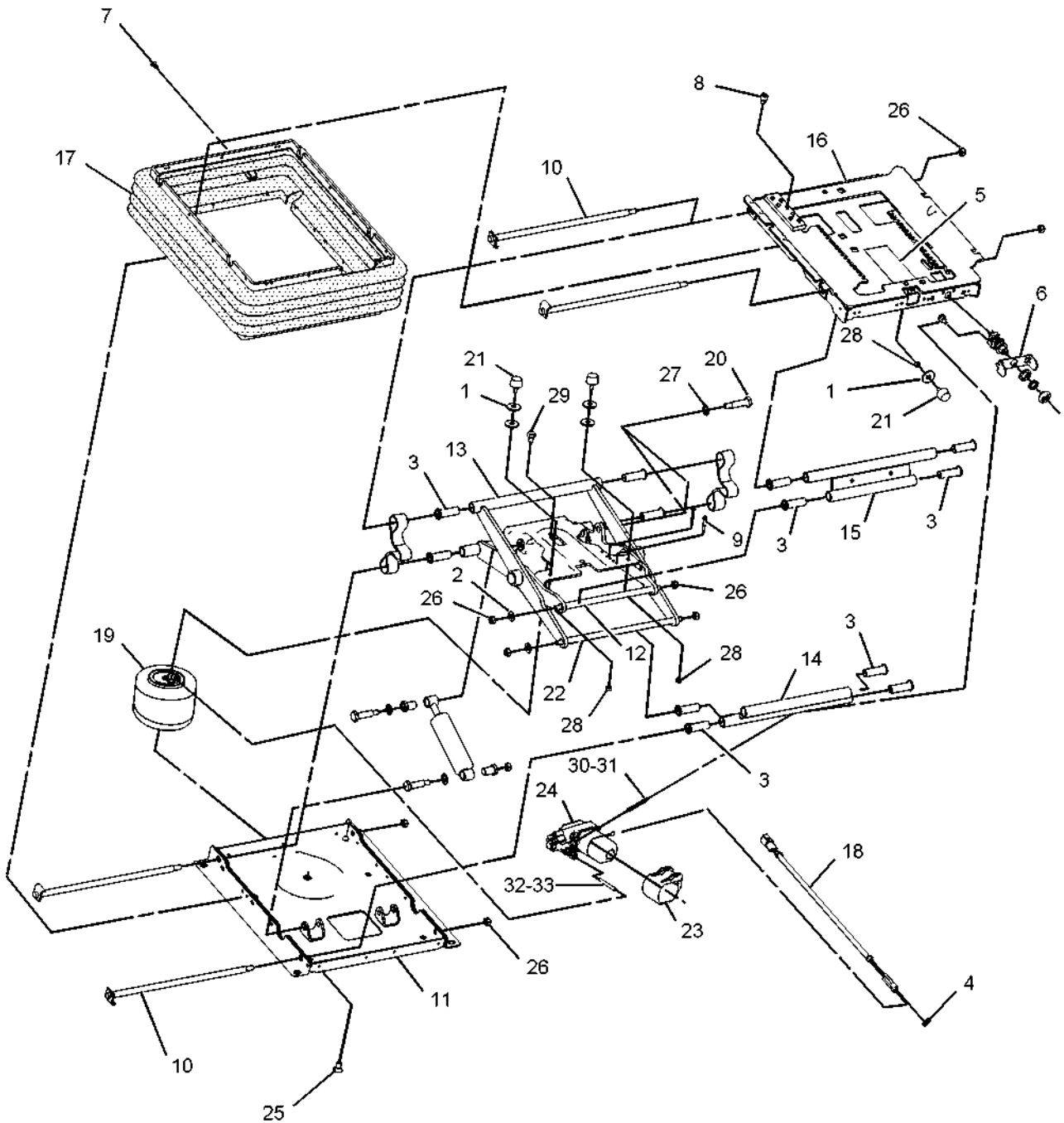
i02012076

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3P-9900	5	WASHER (10.5X30X3MM THK)						
	2	1	4B-4278	2	WASHER (10.2X20.5X1.6MM THK)						
	3	1	4V-8577	12	BEARING						
	4	1	8L-8413	1	STRAP-CABLE						
	5	1	145-0326	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)						
	6	1	164-1234	1	PLATE						
	7	1	164-1270	33	FASTENER						
	8	1	169-7380	1	BOLT-SOCKET HEAD (3/8-16X0.375 IN)						
	9	1	186-5107	2	SCREW (NO 8 X 1.25 IN)						
	10	1	192-7752	4	SHAFT AS						
	11	1	192-7755	1	HOUSING AS						
	12	1	192-7760	1	SHAFT						
	13	1	192-7767	1	SCISSORS AS						
	14	1	192-7783	1	TOGGLE AS						
	15	1	192-7787	1	TOGGLE AS						
	16	1	192-7790	1	HOUSING AS						
	17	1	192-7795	1	BOOT						
	18	1	192-7805	1	HARNESS AS-VALVE (AIR COMPRESSOR)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
	19	1	192-7810	1	SPRING AS-AIR						
		1	5P-4423	1	ELBOW						
		1	163-1135	1	SPRING						
	20	1	192-7812	1	BOLT-SHOULDER						
	21	1	192-7820	3	BUMPER						
	22	1	192-7822	1	SHAFT						
	23	1	237-3943	1	BRACKET						
Y	24	1	237-3970	1	AIR COMPRESSOR GP-SEAT						995
	25	1	1H-8296	1	SCREW-MACHINE						
	26	1	2K-4973	8	LOCKNUT (3/8-16 THD)						
	27	1	3J-4818	1	LOCKWASHER						
M	28	1	5C-2890	3	NUT (M6X1 THD)						
	29	1	8T-9371	1	BOLT (3/8-16X0.5 IN)						
E	30	1	211-5358		CONDUIT (100CM)						
D	31	1	5P-6010		TUBE (1M)						
					AVAILABLE REPAIR KIT(S) :						
				192-7799	1	KIT-AIR VALVE (SUSPENSION SEAT)					
					(INCLUDES KNOB AS, NUT, VALVE, LOCKWASHER AND FITTING)						
				192-7848	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT)					
					(INCLUDES LOCKNUT, LOCKWASHER, SHOCK ABSORBER, BEARING, WASHER, AND BOLTS)						
				211-9294	1	KIT-TETHER (SUSPENSION SEAT)					
D-ORDER BY THE METER E-ORDER BY THE CENTIMETER M-METRIC PART Y-SEPARATE ILLUSTRATION											

OPERATOR STATION

191 - 2933 SUSPENSION GP - SEAT (contd.)

i02012076



GRAPHIC #1

<END>

g01011847

OPERATOR STATION

8E-7302 TANK GP-WINDOW WASHER

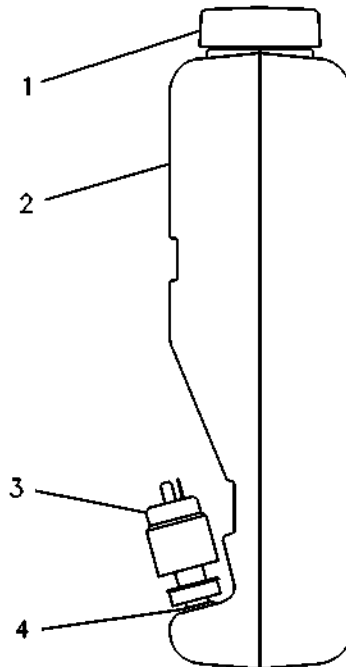
S/N: 7PZ1-357

PART OF 102-3456 TANK GP-WINDOW WASHER

SMCS-7306

i01834563

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-8292	1	CAP-VENTED (WINDOW WASHER TANK)						
	2	1	8E-7301	1	BOTTLE						
	3	1	7T-8891	4	PUMP AS-WASHER (WINDOW)						
	4	1	8E-8293	4	GROMMET						



GRAPHIC #1

<END>

g00230732

OPERATOR STATION

102-3456 TANK GP-WINDOW WASHER

S/N: 7PZ1-357

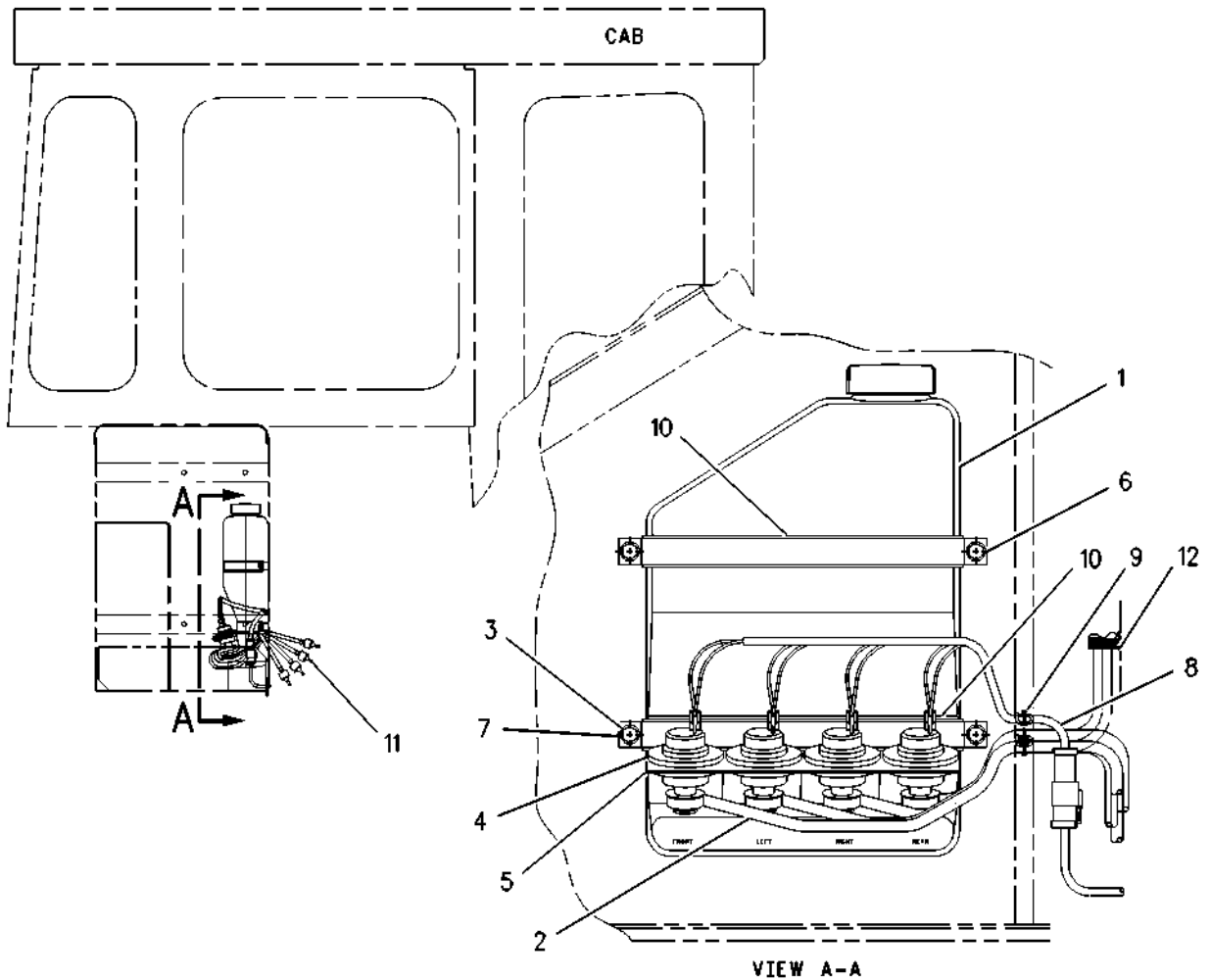
PART OF 157-3738 CAB AR

SMCS-7306

i01989139

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	8E-7302	1	TANK GP-WINDOW WASHER	1136
D	2	1	5P-5992		HOSE (.63M EACH)	
	3	1	8T-9364	4	BOLT (1/4-20X0.625 IN)	
		1	8T-4205	4	WASHER-HARD (7.2X14.5X2MM THK)	
	4	1	7Y-3281	4	GROMMET	
	5	1	8E-6887	1	PLATE	
	6	1	8E-7792	1	STRAP	
	7	1	8E-7793	1	STRAP	
	8	1	9U-9014	1	HARNESS AS-PUMP (WINDOW WASHER)	
	9	1	7K-1181	2	STRAP-CABLE	
BD	10	1	8T-6936		SEAL	
	11	1	8T-5383	4	VALVE AS-CHECK (WIPER/WASHER SYSTEM)	
B	12	1	7K-1181	1	STRAP-CABLE	

B-USE AS REQUIRED
D-ORDER BY THE METER
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00879036

OPERATOR STATION

169-9649 TANK GP-WINDOW WASHER

S/N: 7PZ358-UP

PART OF 186-5899 TANK GP-WINDOW WASHER

SMCS-7306

i01834570

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	169-9650	1	TANK-WASHER	
	2	1	8E-8292	1	CAP-VENTED (WINDOW WASHER TANK)	
E	3	1	144-0195		HOSE (61CM EACH)	
	4	1	186-4857	1	HARNESS AS (WINDOW WASHER PUMP)	
BD	5	1	6V-5817		CONDUIT-FLEXIBLE	
	6	1	7T-8891	4	PUMP AS-WASHER	
B	7	1	3S-2093	6	STRAP-CABLE	
E	8	1	144-0195		HOSE (15CM EACH)	
E	9	1	144-0195		HOSE (57CM EACH)	

B-USE AS REQUIRED

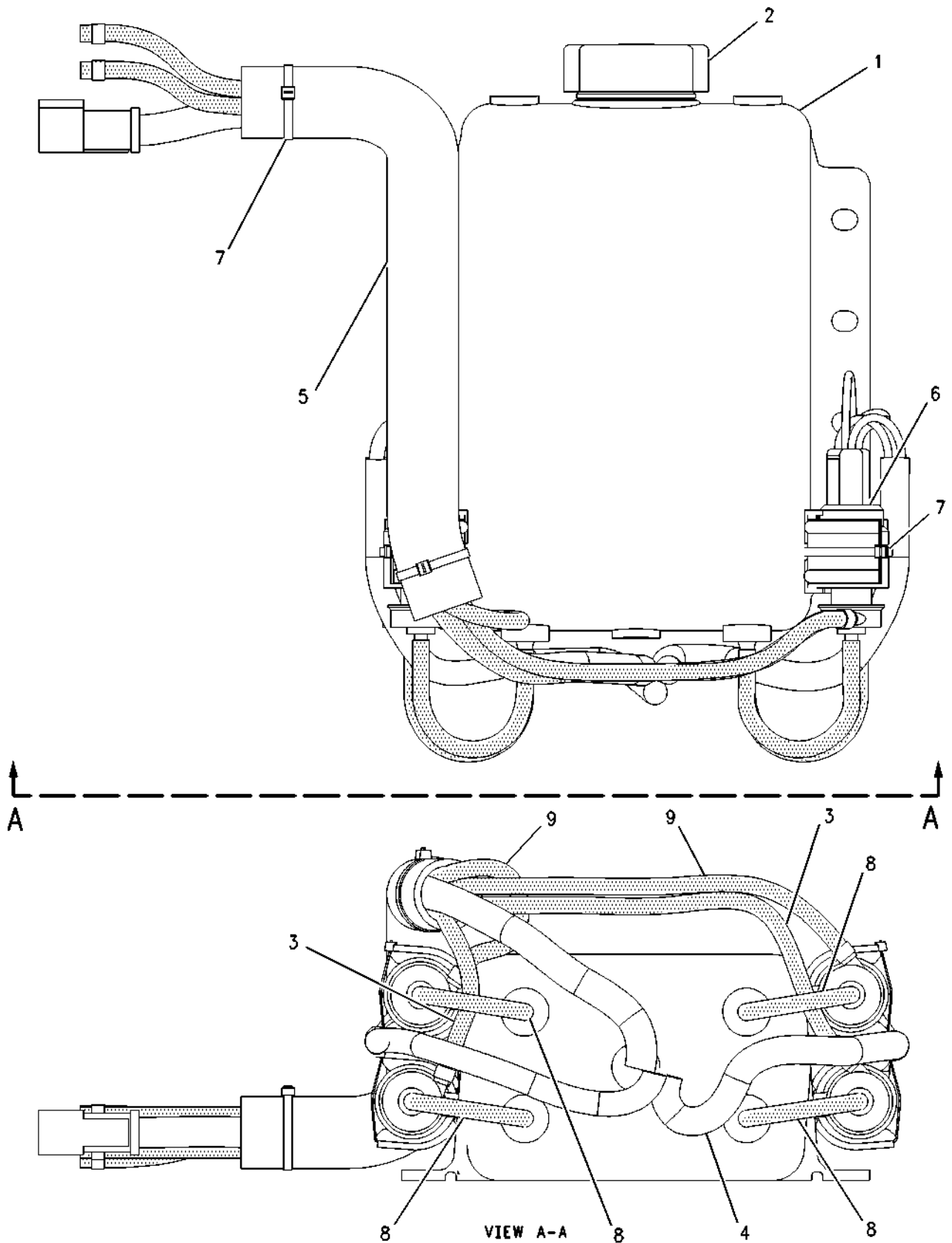
D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

OPERATOR STATION

169-9649 TANK GP - WINDOW WASHER (contd.)

i01834570



GRAPHIC #1

<END>

g00824992

OPERATOR STATION

186-5899 TANK GP-WINDOW WASHER

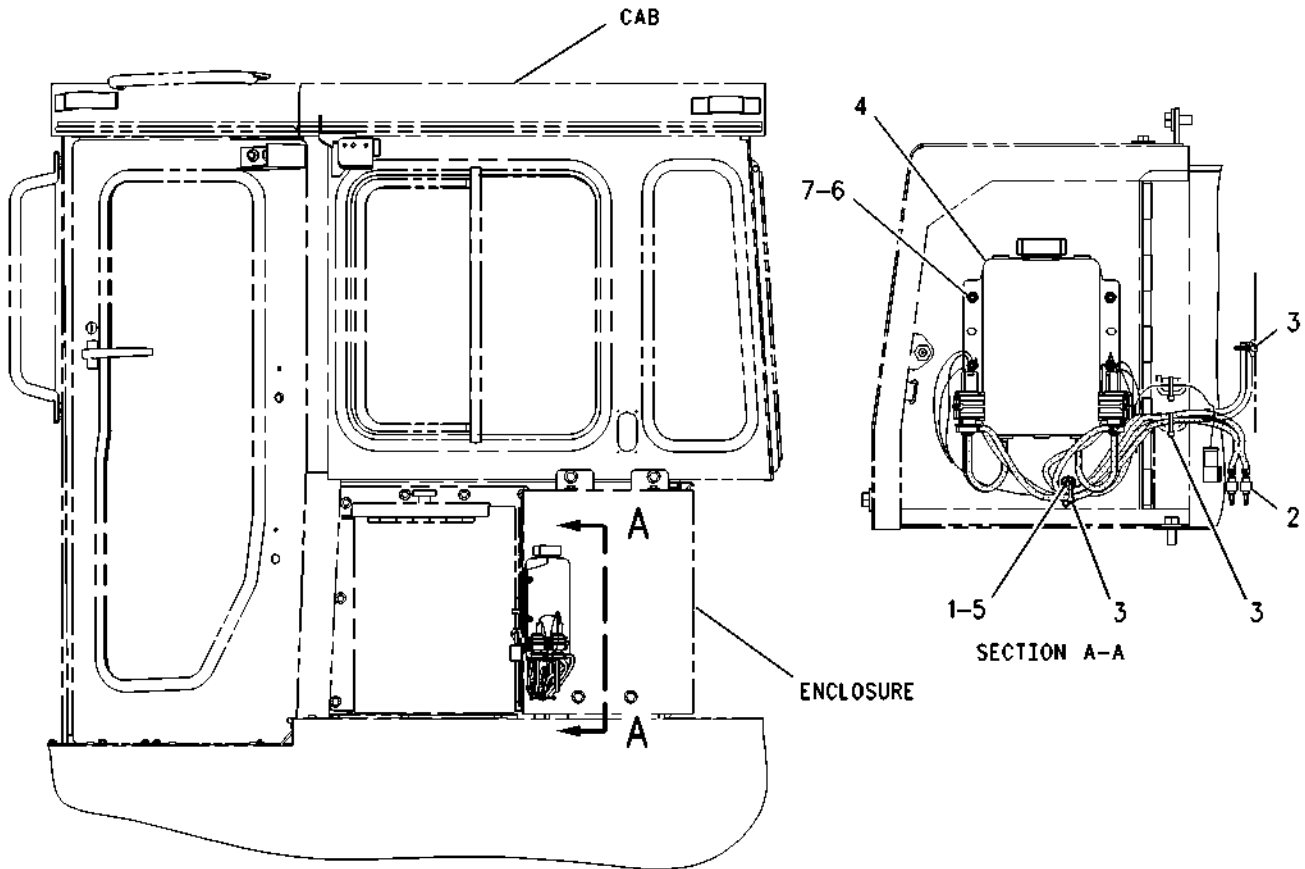
S/N: 7PZ358-UP

PART OF 157-3738 CAB AR

SMCS-7306

i01989142

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-9364	1	BOLT (1/4-20X0.625 IN)						
	2	1	8T-5383	4	VALVE AS-CHECK (WIPER/WASHER SYSTEM)						
	3	1	9X-6772	5	STRAP-CABLE						
Y	4	1	169-9649	1	TANK GP-WINDOW WASHER						1138
	5	1	156-6175	1	CLIP						
	6	1	3E-9865	4	LOCKNUT (1/4-20 THD)						
	7	1	8T-4205	4	WASHER-HARD (7.2X14.5X2MM THK)						
Y-SEPARATE ILLUSTRATION											



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00688043

OPERATOR STATION

157-3736 WASHER GP-WINDOW

S/N: 7PZ1-UP

PART OF 157-4817 CAB AR

ALSO AN ATTACHMENT

SMCS-7306

i01834572

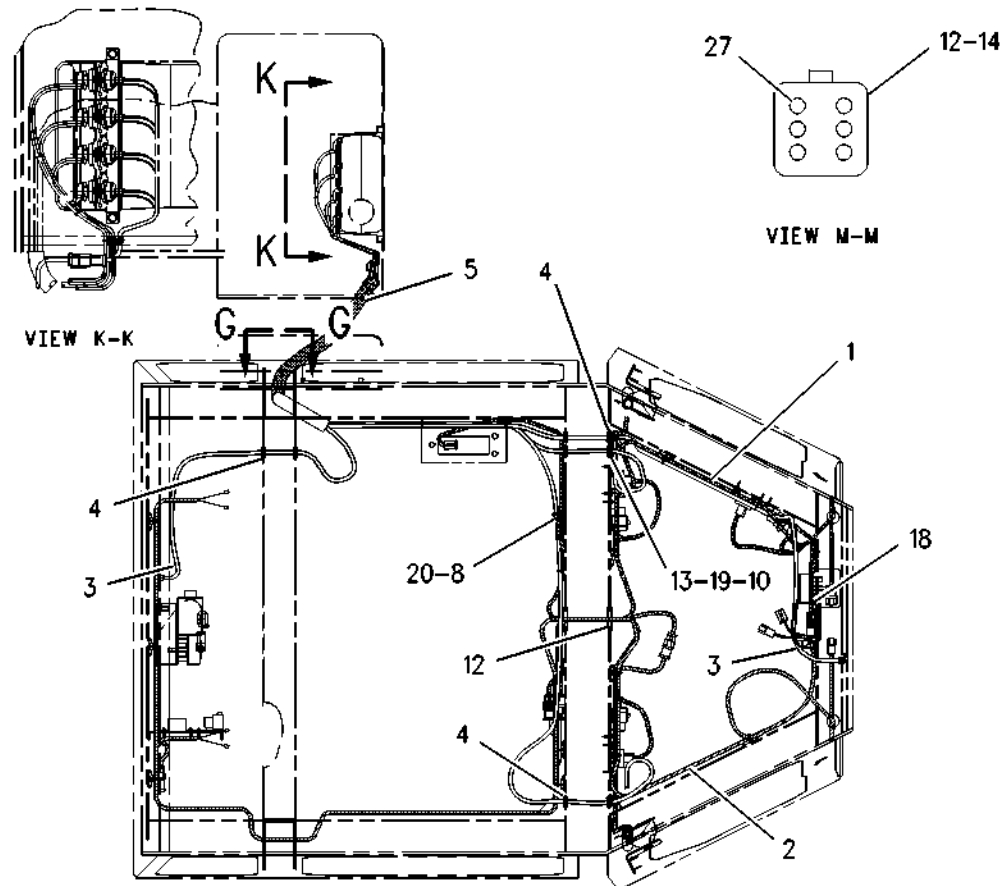
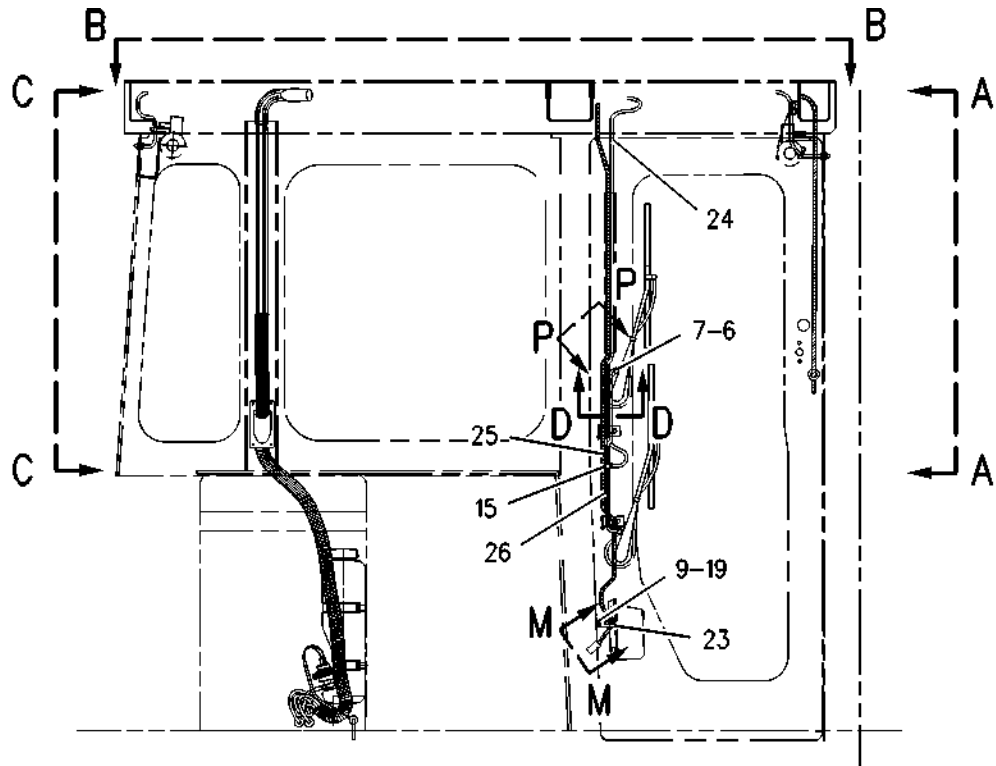
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	157-5129	1	HARNESS AS (CAB ROOF)	
	2	1	9U-9048	1	HARNESS AS-RADIO	
E	3	1	144-0195		HOSE (405CM)	
	4	1	9D-3768	8	GROMMET	
E	5	1	7X-7702		CONDUIT-FLEXIBLE (122CM)	
	6	1,2	8T-5400	6	CONNECTOR	
M	7	1,2	6V-6889	6	NUT (M8X1.25 THD)	
	8	1	6V-8801	1	NUT (3/8-16 THD)	
	9	1,2	2P-4337	4	SCREW-TAPPING	
	10	1	5S-7349	2	BOLT (1/4-20X0.5 IN)	
	11	2	9N-1995	4	RIVET-POP	
BD	12	1,2	5P-7086		TRIM	
	13	1	8E-2589	2	CLIP	
	14	1,2	4P-7581	2	CLIP	
	15	1,2	6K-9632	2	TEE	
	16	2	102-8803	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	17	2	8E-6856	1	COVER	
B	18	1	8L-8413	28	STRAP-CABLE	
	19	1,2	8T-4205	6	WASHER-HARD (7.2X14.5X2MM THK)	
	20	1	8T-4896	1	WASHER-HARD (10.2X18.5X2.5MM THK)	
	21	2	2D-0388	2	GROMMET	
E	22	2	144-0195		HOSE (422CM)	
	23	1,2	4P-8134	2	CLIP	
E	24	1,2	144-0195		HOSE (480CM)	
E	25	1,2	144-0195		HOSE (290CM EACH)	
E	26	1,2	144-0195		HOSE (160CM EACH)	
	27	1,2	8T-8737	3	PLUG-SEAL	
	28	2	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)	

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
M-METRIC PART

OPERATOR STATION

157-3736 WASHER GP-WINDOW (contd.)

i01834572



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

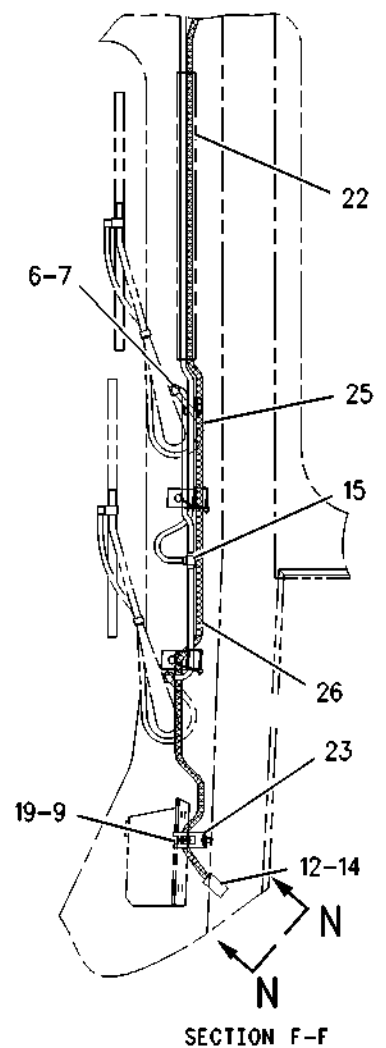
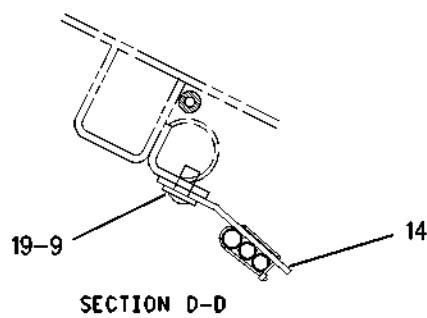
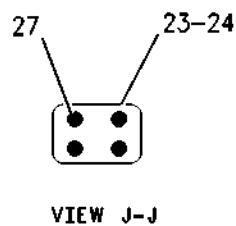
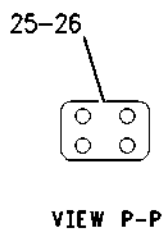
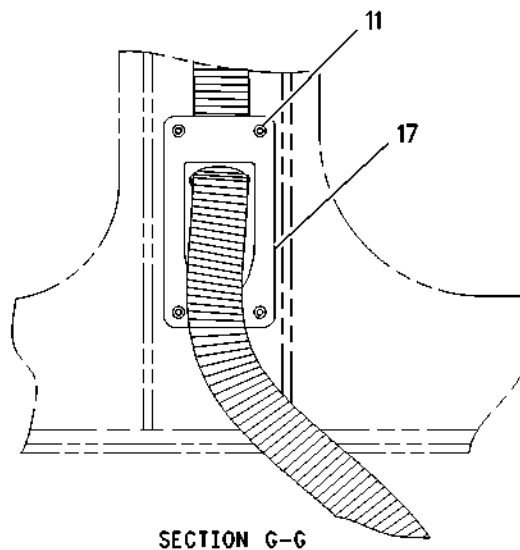
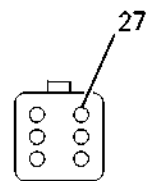
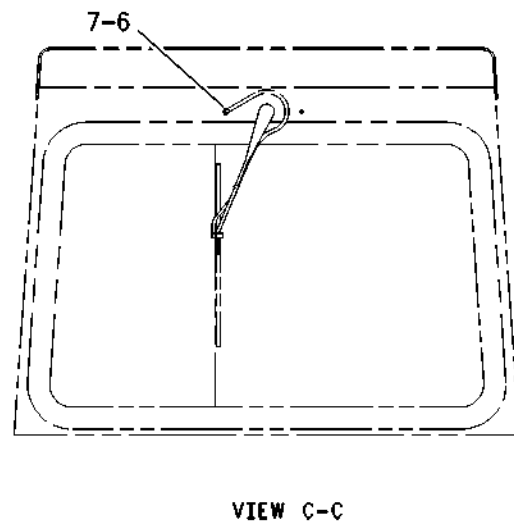
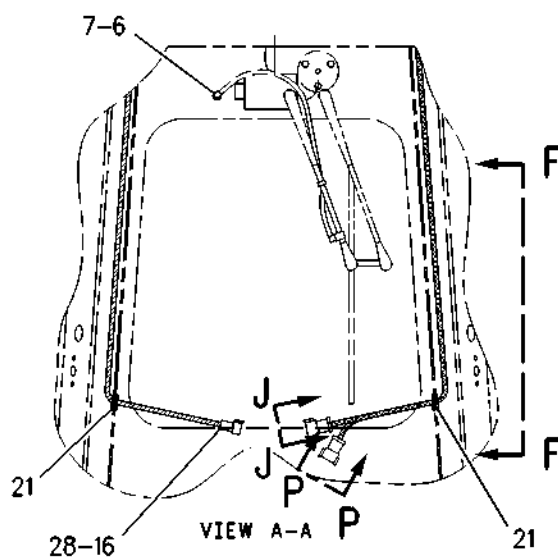
GRAPHIC #1

g00862542

OPERATOR STATION

157-3736 WASHER GP-WINDOW (contd.)

i01834572



GRAPHIC #2

<END>

g00862541

OPERATOR STATION

8E-5113 WINDOW AS-SLIDING-RH

S/N: 7PZ1-UP

PART OF 157-3737 CAB GP
ALSO AN ATTACHMENT

SMCS-7310

i02029225

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	6T-8402	1	WINDOW GP-CAB (RH) (RH) (SLIDING)						1145
			-OR-						
Y	8E-3446	1	WINDOW GP-CAB (RH) (RH) (SLIDING)						1151
Y-SEPARATE ILLUSTRATION									
<END>									

8E-5114 WINDOW AS-SLIDING-LH

S/N: 7PZ1-UP

PART OF 157-3737 CAB GP
ALSO AN ATTACHMENT

SMCS-7310

i02029226

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	6T-8403	1	WINDOW GP-CAB	(LH)	(LH)	(SLIDING)		1146	
			-OR-						
Y	8E-3447	1	WINDOW GP-CAB	(LH)	(LH)	(SLIDING)		1152	
Y-SEPARATE ILLUSTRATION									
<END>									

OPERATOR STATION

6T-8402 WINDOW GP-CAB-RH SLIDING

S/N: 7PZ1-UP

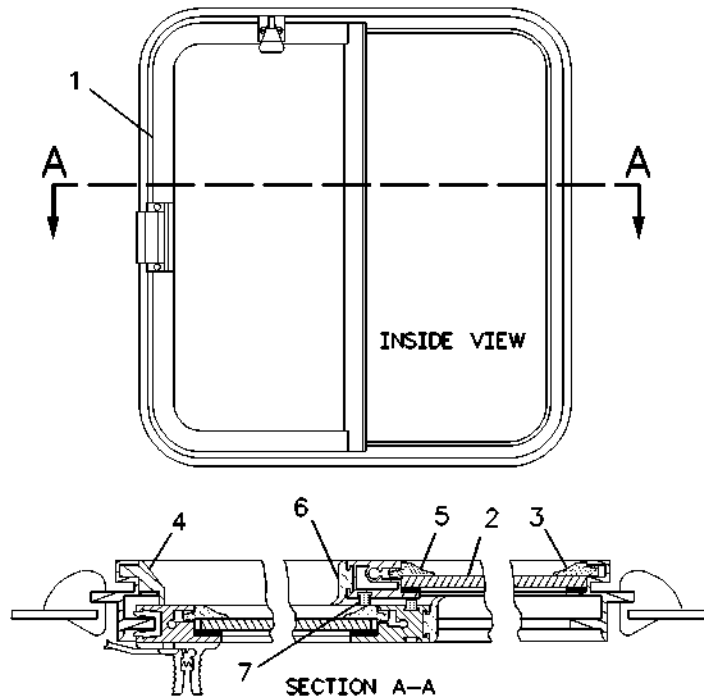
PART OF 8E-5113 WINDOW AS-SLIDING
ALSO AN ATTACHMENT

SMCS-7310

i01989124

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	7T-1068	1	WINDOW GP-CAB (RH)						1147
	2	1	7T-1330	1	GLASS (TINTED) (RH-CAB)						
D	3	1	5P-5680		SEAL (1.14M)						
DB	4	1	8T-0687		FILLER						
D	5	1	5P-5680		SEAL (.66M)						
D	6	1	6V-5833		SEAL (.64M)						
E	7	1	8Y-6839		SEAL (64CM)						

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00844619

OPERATOR STATION

6T-8403 WINDOW GP-CAB-LH SLIDING

S/N: 7PZ1-UP

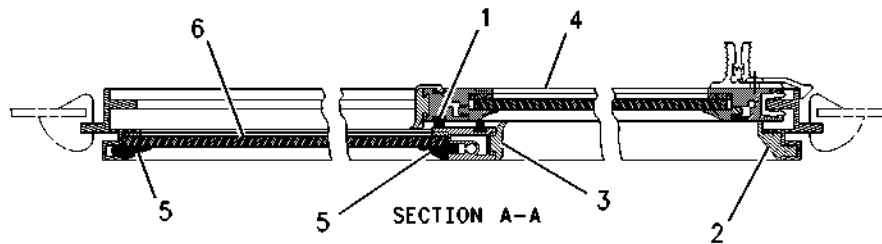
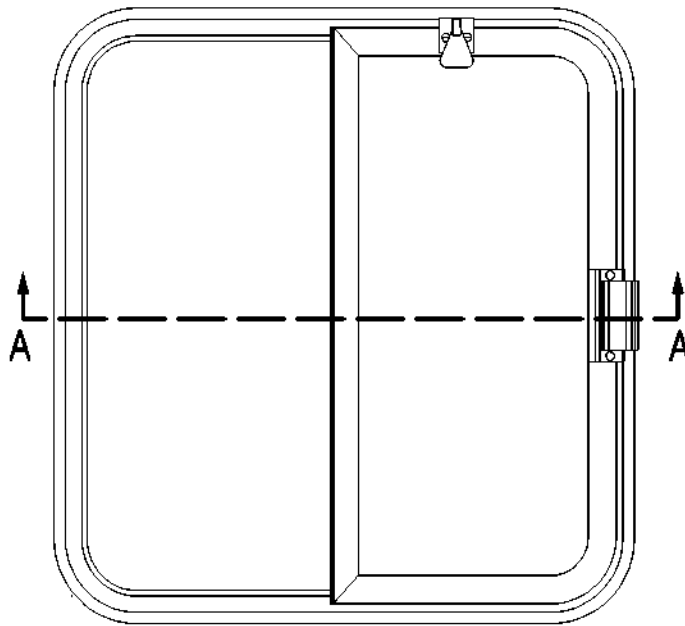
PART OF 8E-5114 WINDOW AS-SLIDING
ALSO AN ATTACHMENT

SMCS-7310

i01989125

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BD	1	1	5P-5680		SEAL						
BD	2	1	8T-0687		FILLER						
BD	3	1	6V-5833		SEAL						
Y	4	1	7T-1069	1	WINDOW GP-CAB (LH)						1149
BE	5	1	8Y-6839		SEAL						
	6	1	7T-1330	1	GLASS (TINTED) (LH-CAB)						

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00842070

OPERATOR STATION

7T-1068 WINDOW GP-CAB-RH

S/N: 7PZ1-UP

PART OF 6T-8402 WINDOW GP-CAB

ALSO AN ATTACHMENT

TYPE 1

SMCS-7310

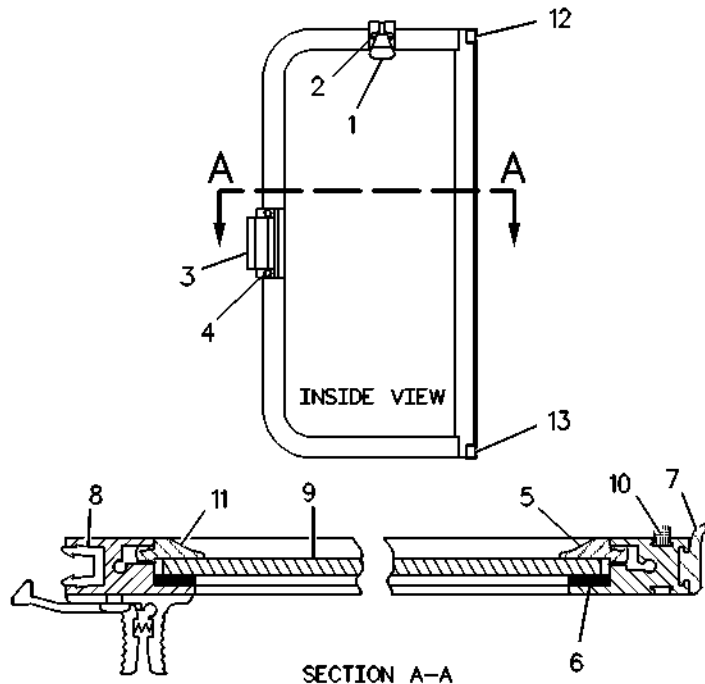
i01834646

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-1121	1	LOCK AS						
	2	1	2H-6622	2	SCREW-MACHINE						
	3	1	9P-7860	1	LOCK AS						
	4	1	9P-7859	2	SCREW						
BD	5	1	5P-5680		SEAL (.61M)						
EB	6	1	9X-6268		TAPE						
BD	7	1	6V-5833		SEAL (.64M)						
BD	8	1	5P-8918		SEAL (1.2M)						
BD	9	1	8Y-6448	1	GLASS						
BE	10	1	8Y-6839		SEAL (64CM)						
BD	11	1	5P-5680		SEAL (1.1M)						
	12	1	124-9774	1	SLIDE						
	13	1	117-5677	1	SLIDE						

B-USE AS REQUIRED

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00257169

OPERATOR STATION

7T-1068 WINDOW GP-CAB-RH

S/N: 7PZ1-UP

PART OF 6T-8402 WINDOW GP-CAB

ALSO AN ATTACHMENT

TYPE 2

SMCS-7310

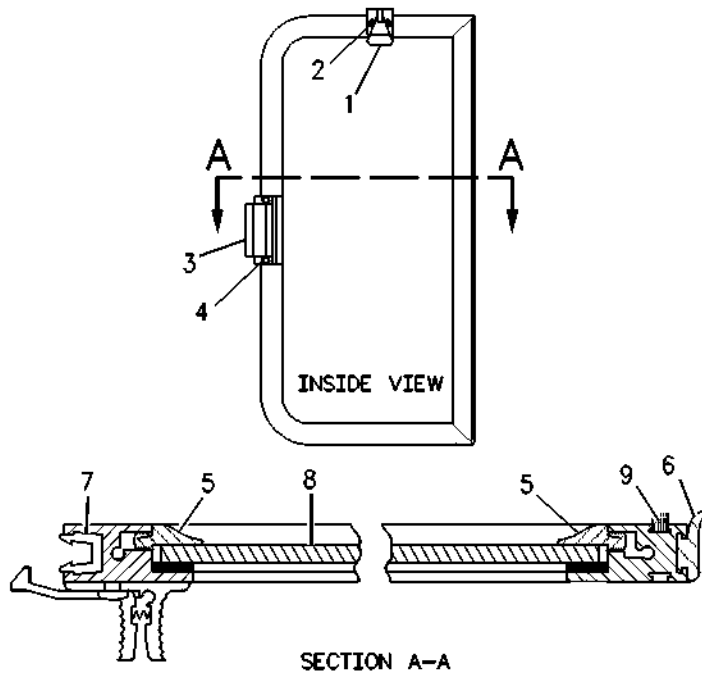
i01612444

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-1121	1	LOCK AS						
	2	1	2H-6622	2	SCREW-MACHINE						
	3	1	9P-7860	1	LOCK AS						
	4	1	9P-7859	2	SCREW						
BD	5	1	5P-5680		SEAL						
BD	6	1	6V-5833		SEAL						
BD	7	1	5P-8918		SEAL						
BD	8	1	8Y-6448	1	GLASS						
BE	9	1	8Y-6839		SEAL						

B- USE AS REQUIRED

D- ORDER BY THE METER

E- ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00834657

OPERATOR STATION

7T-1069 WINDOW GP-CAB-LH

S/N: 7PZ1-UP

PART OF 6T-8403 WINDOW GP-CAB

ALSO AN ATTACHMENT

TYPE 1

SMCS-7310

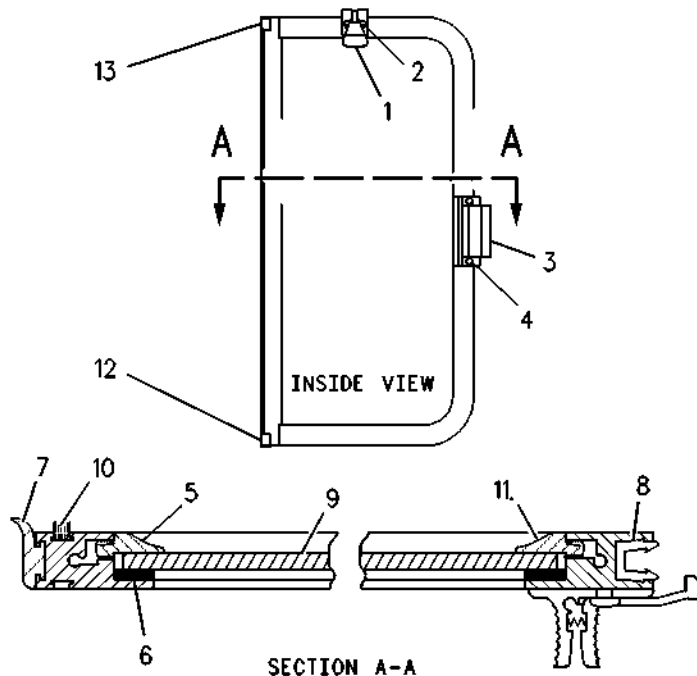
i01834655

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-1121	1	LOCK AS						
	2	1	2H-6622	2	SCREW-MACHINE						
	3	1	9P-7860	1	LOCK AS						
	4	1	9P-7859	2	SCREW						
D	5	1	5P-5680		SEAL (.61M)						
EB	6	1	9X-6268		TAPE						
D	7	1	6V-5833		SEAL (.64M)						
D	8	1	5P-8918		SEAL (1.2M)						
	9	1	8Y-6448	1	GLASS						
E	10	1	8Y-6839		SEAL (64CM)						
D	11	1	5P-5680		SEAL (1.1M)						
	12	1	124-9774	1	SLIDE						
	13	1	117-5677	1	SLIDE						

B-USE AS REQUIRED

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00326280

OPERATOR STATION

7T-1069 WINDOW GP-CAB-LH

S/N: 7PZ1-UP

PART OF 6T-8403 WINDOW GP-CAB

ALSO AN ATTACHMENT

TYPE 2

SMCS-7310

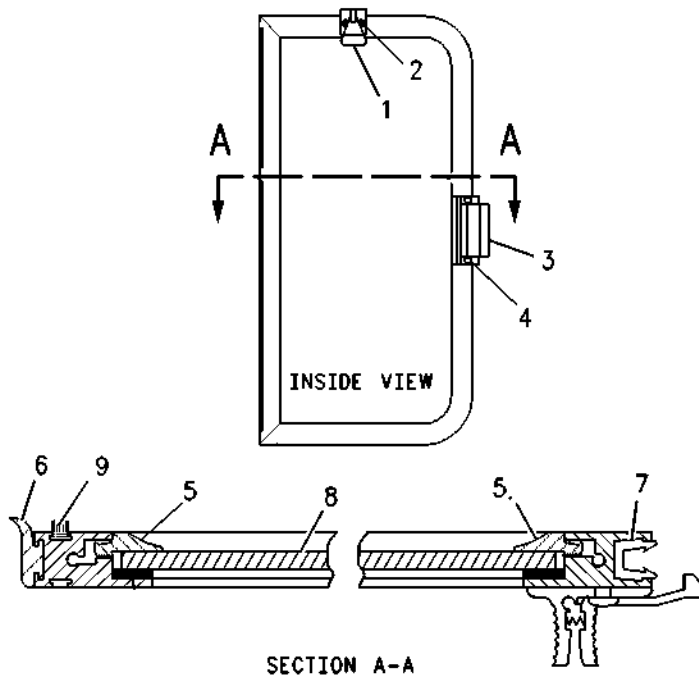
i01612493

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-1121	1	LOCK AS						
	2	1	2H-6622	2	SCREW-MACHINE						
	3	1	9P-7860	1	LOCK AS						
	4	1	9P-7859	2	SCREW						
BD	5	1	5P-5680		SEAL						
BD	6	1	6V-5833		SEAL						
BD	7	1	5P-8918		SEAL						
	8	1	8Y-6448	1	GLASS						
BE	9	1	8Y-6839		SEAL						

B-USE AS REQUIRED

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00834641

OPERATOR STATION

8E-3446 WINDOW GP-CAB-RH SLIDING

S/N: 7PZ1-UP

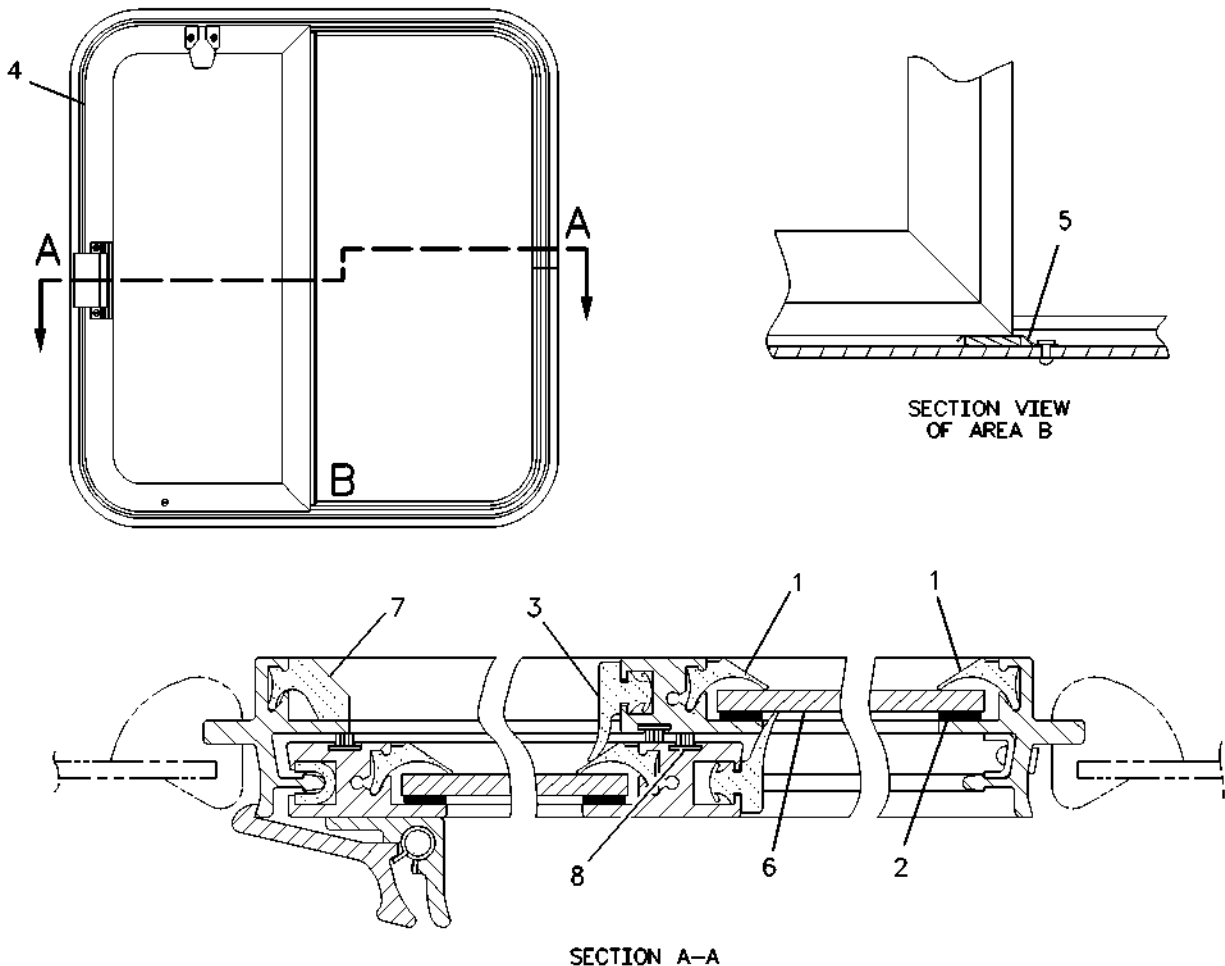
PART OF 8E-5113 WINDOW AS-SLIDING
ALSO AN ATTACHMENT

SMCS-7310

i01989127

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
BE	1	1	8Y-6423		SEAL	
BE	2	1	8Y-6459		TAPE-BUTYL	
	3	1	8Y-6430	1	SEAL-WINDOW	
Y	4	1	8Y-6433	1	WINDOW GP-CAB (RH)	1155
	5	1	8Y-6462	1	KIT-LEAF SPRING (CAB WINDOW) (INCLUDES SPRING AS & RIVET)	
	6	1	8Y-6432	1	GLASS-FIXED-RH (TINTED)	
BE	7	1	8Y-6424		SEAL	
BE	8	1	8Y-6910		WEATHERSTRIP	

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00544799

OPERATOR STATION

8E-3447 WINDOW GP-CAB-LH SLIDING

S/N: 7PZ1-UP

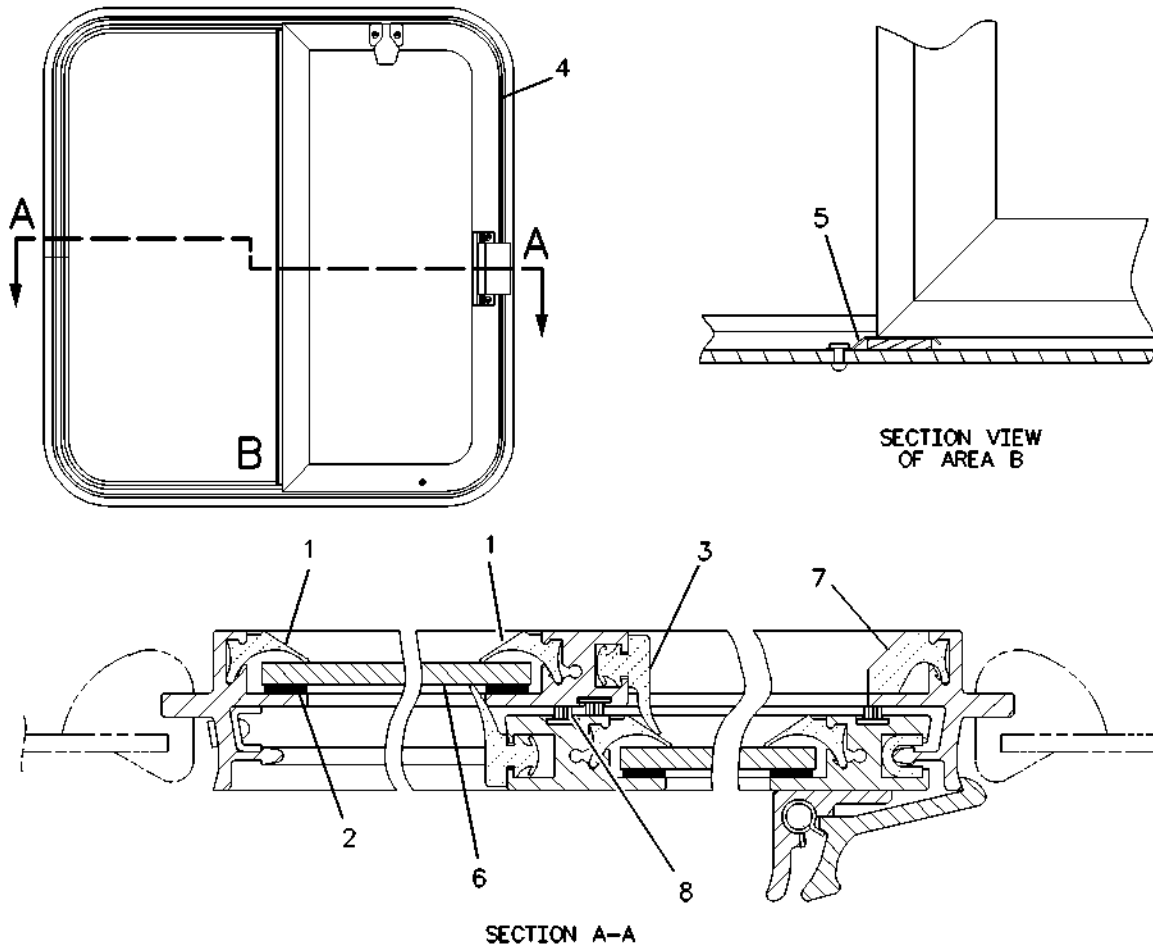
PART OF 8E-5114 WINDOW AS-SLIDING
ALSO AN ATTACHMENT

SMCS-7310

i01989128

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	8Y-6423		SEAL						
BE	2	1	8Y-6459		TAPE-BUTYL						
	3	1	8Y-6430	1	SEAL-WINDOW						
Y	4	1	8Y-6420	1	WINDOW GP-CAB (LH)						1153
	5	1	8Y-6462	1	KIT-LEAF SPRING (CAB WINDOW)						
					(INCLUDES SPRING AS & RIVET)						
	6	1	8Y-6419	1	GLASS-FIXED-LH (TINTED)						
BE	7	1	8Y-6424		SEAL						
BE	8	1	8Y-6910		WEATHERSTRIP						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00544804

OPERATOR STATION

8Y-6420 WINDOW GP-CAB-LH

S/N: 7PZ1-UP

PART OF 8E-3447 WINDOW GP-CAB

ALSO AN ATTACHMENT

SMCS-7310

i01989132

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8Y-6454	1	KIT-CATCH (CAB WINDOW)						
					(INCLUDES CATCH AS & 2 SCREWS)						
M	2	1	084-4111	2	SCREW-PAN HEAD						
	3	1	8Y-6455	1	KIT-CATCH (CAB WINDOW)						
					(INCLUDES CATCH AS & 2 SCREWS)						
M	4	1	8T-4777	2	SCREW-MACHINE (M5X0.8X12MM)						
	5	1	8Y-6460	1	KIT-RUNNER GUIDE (CAB WINDOW)						
					(INCLUDES GUIDE & SCREW)						
	6	1	3S-9557	2	SCREW-PAN HEAD (4-40X0.5 IN)						
	7	1	8Y-6461	1	KIT-RUNNER GUIDE (CAB WINDOW)						
					(INCLUDES GUIDE & SCREW)						
M	8	1	6V-2312	2	SCREW-MACHINE (M6X1X25MM)						
BE	9	1	8Y-6423		SEAL						
	10	1	8Y-6430	1	SEAL-WINDOW						
BE	11	1	8Y-6459		TAPE-BUTYL						
	12	1	8Y-6422	1	GLASS-SLIDER (LH) (TINTED) (CAB)						
BE	13	1	8Y-6910		WEATHERSTRIP						

B-USE AS REQUIRED

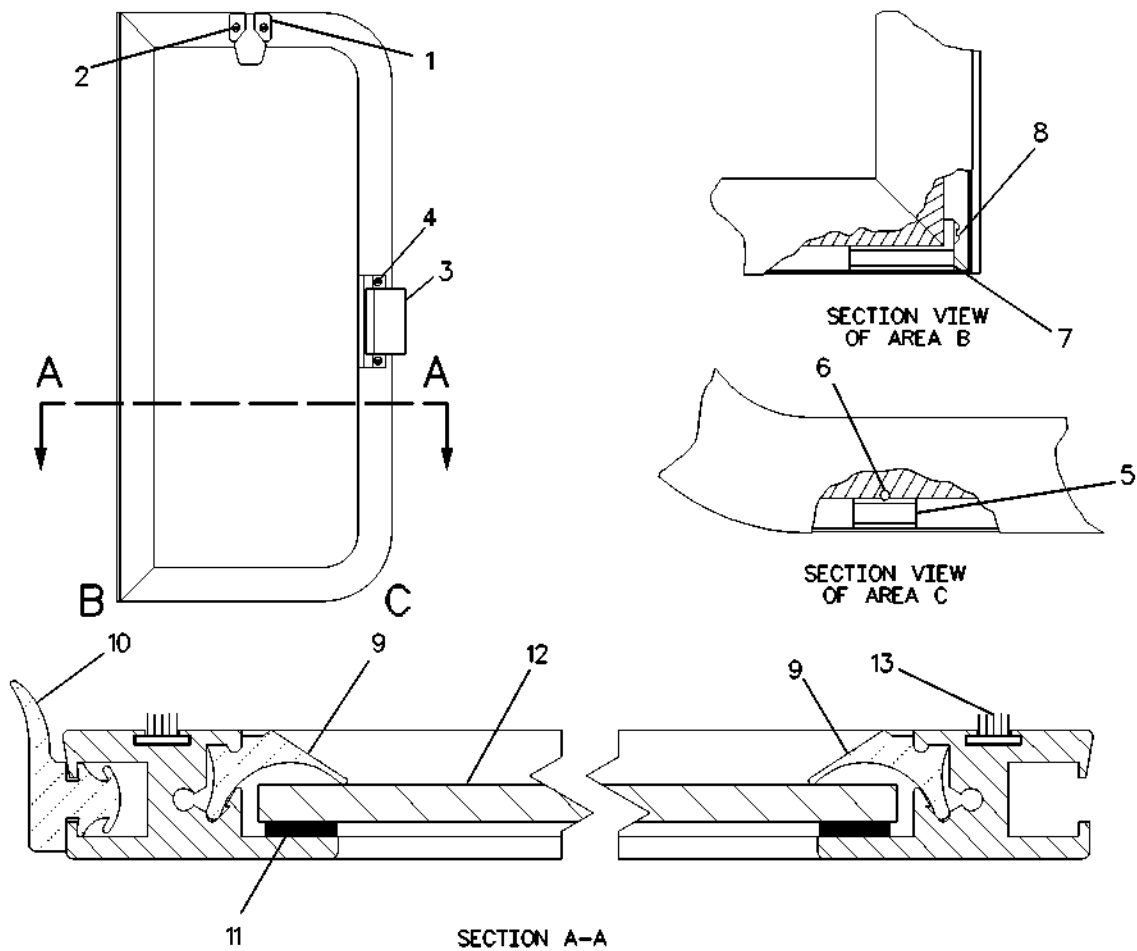
E-ORDER BY THE CENTIMETER

M-METRIC PART

OPERATOR STATION

8Y-6420 WINDOW GP-CAB (contd.)

i01989132



GRAPHIC #1

<END>

g00864814

OPERATOR STATION

8Y-6433 WINDOW GP-CAB-RH

S/N: 7PZ1-UP

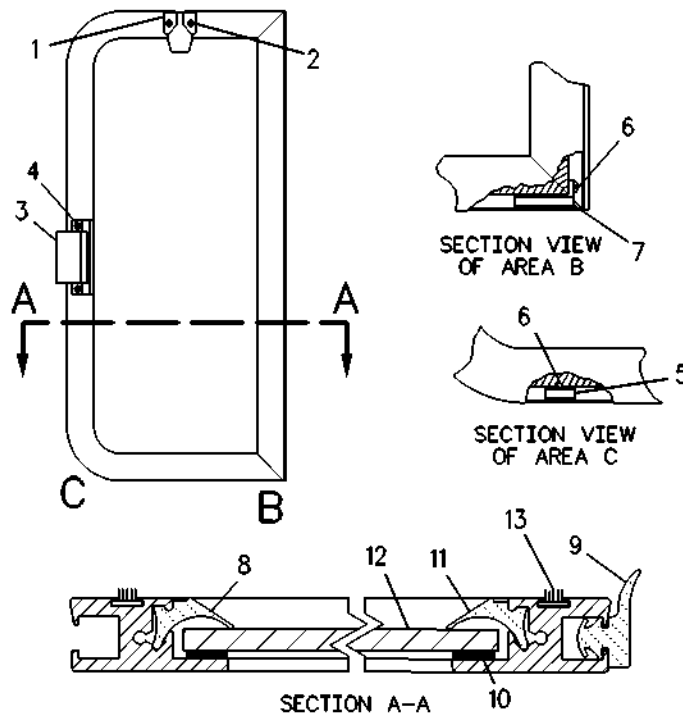
PART OF 8E-3446 WINDOW GP-CAB
ALSO AN ATTACHMENT

SMCS-7310

101989133

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	8Y-6454	1	KIT-CATCH (CAB WINDOW) (INCLUDES CATCH AS & 2 SCREWS)	
M	2	1	084-4111	2	SCREW-PAN HEAD	
	3	1	8Y-6455	1	KIT-CATCH (CAB WINDOW) (INCLUDES CATCH AS & 2 SCREWS)	
M	4	1	8T-4777	2	SCREW-MACHINE (M5X0.8X12MM)	
	5	1	8Y-6460	1	KIT-RUNNER GUIDE (CAB WINDOW) (INCLUDES GUIDE & SCREW)	
M	6	1	6V-2312	2	SCREW-MACHINE (M6X1X25MM)	
	7	1	8Y-6461	1	KIT-RUNNER GUIDE (CAB WINDOW) (INCLUDES GUIDE & SCREW)	
BE	8	1	8Y-6423		SEAL	
	9	1	8Y-6430	1	SEAL-WINDOW	
BE	10	1	8Y-6459		TAPE-BUTYL	
BE	11	1	8Y-6423		SEAL	
	12	1	8Y-6431	1	GLASS-SLIDER-RH (TINTED) (CAB)	
BE	13	1	8Y-6910		WEATHERSTRIP	

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g00326281

OPERATOR STATION

8Y-6456 WINDOW GP-CAB-REAR SLIDING

S/N: 7PZ1-UP

PART OF 157-3737 CAB GP

ALSO AN ATTACHMENT

TYPE 1

SMCS-7310

i01989135

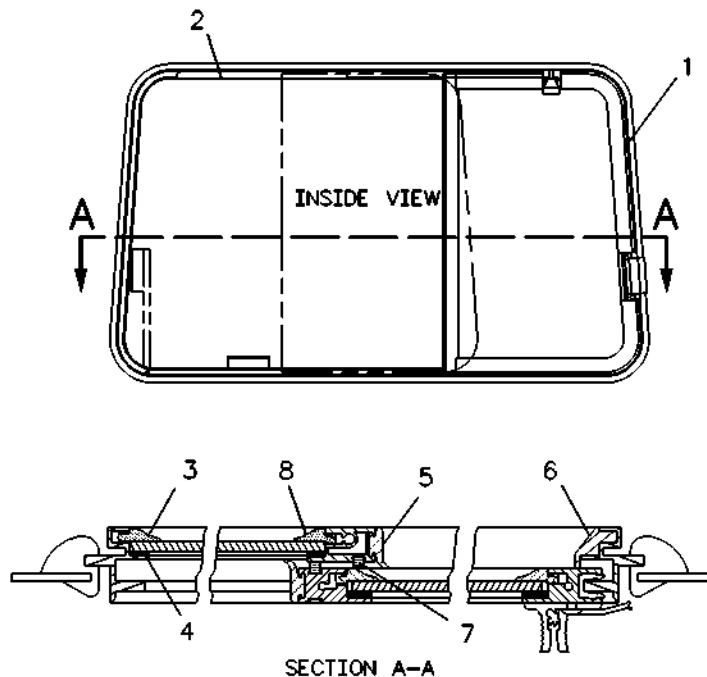
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	8Y-6826	1	WINDOW GP-CAB (REAR)						1158
	2	1	8Y-6828	1	GLASS (TINTED) (CAB-REAR)						
BD	3	1	5P-5680		SEAL						
EB	4	1	9X-6268		TAPE						
BD	5	1	6V-5833		SEAL						
DB	6	1	8T-0687		FILLER						
BE	7	1	8Y-6839		SEAL						
BD	8	1	5P-5680		SEAL						

B-USE AS REQUIRED

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00222722

OPERATOR STATION

8Y-6456 WINDOW GP - CAB-REAR SLIDING

S/N: 7PZ1-UP

PART OF 157-3737 CAB GP

ALSO AN ATTACHMENT

TYPE 2

SMCS-7310

i01989134

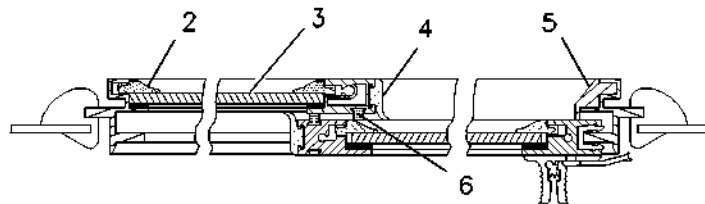
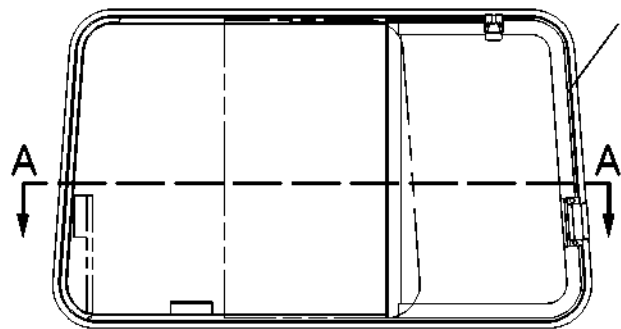
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	8Y-6826	1	WINDOW GP - CAB (REAR)	1158
BD	2	1	5P-5680		SEAL	
	3	1	8Y-6828	1	GLASS (TINTED) (CAB-REAR)	
BD	4	1	6V-5833		SEAL	
DB	5	1	8T-0687		FILLER	
BE	6	1	8Y-6839		SEAL	

B-USE AS REQUIRED

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

Y-SEPARATE ILLUSTRATION



SECTION A-A

GRAPHIC #1

<END>

g00834678

OPERATOR STATION

8Y-6826 WINDOW GP-CAB-REAR

S/N: 7PZ1-UP

PART OF 8Y-6456 WINDOW GP-CAB

ALSO AN ATTACHMENT

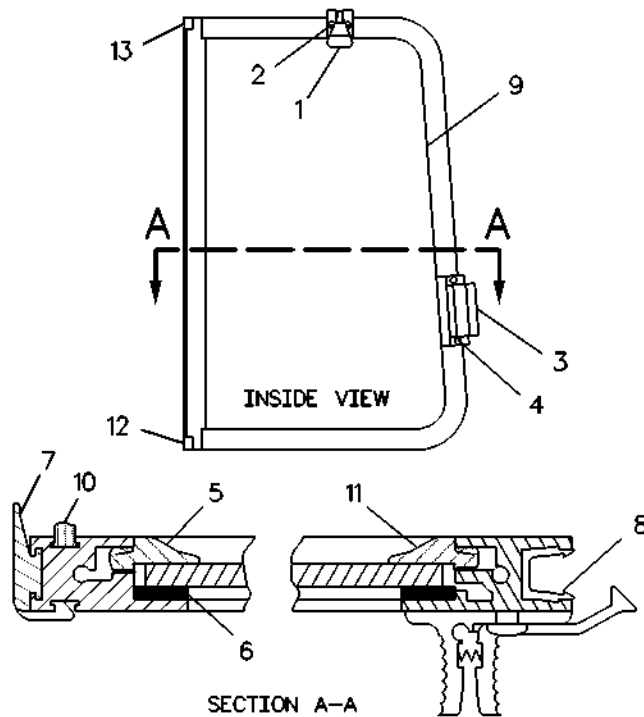
TYPE 1

SMCS-7310

i01989136

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-1121	1	LOCK AS						
	2	1	2H-6622	2	SCREW-MACHINE						
	3	1	9P-7860	1	LOCK AS						
	4	1	9P-7859	2	SCREW						
BD	5	1	5P-5680		SEAL						
EB	6	1	9X-6268		TAPE						
BD	7	1	6V-5833		SEAL						
BD	8	1	5P-8918		SEAL						
	9	1	8Y-6827	1	GLASS (TINTED) (CAB-REAR)						
BE	10	1	8Y-6839		SEAL						
BD	11	1	5P-5680		SEAL						
	12	1	117-5676	1	SLIDE						
	13	1	124-9775	1	SLIDE						

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00330571

OPERATOR STATION

8Y-6826 WINDOW GP-CAB-REAR

S/N: 7PZ1-UP

PART OF 8Y-6456 WINDOW GP-CAB

ALSO AN ATTACHMENT

TYPE 2

SMCS-7310

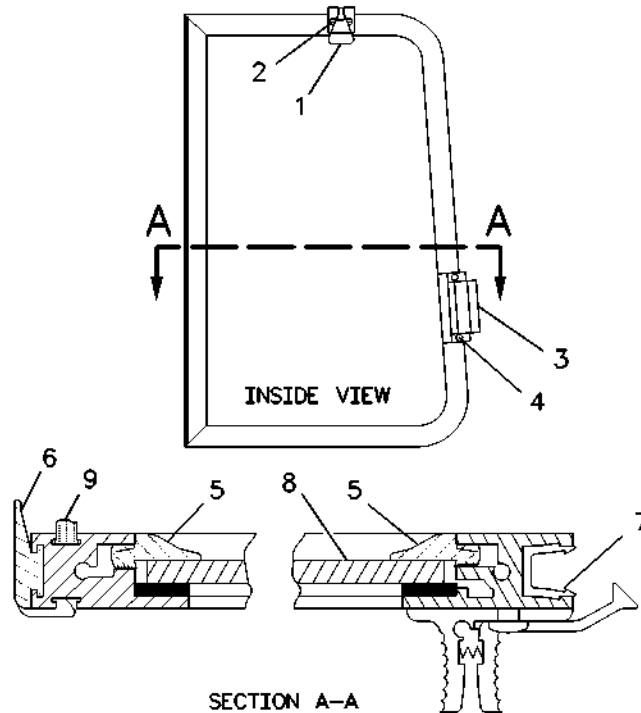
i01989137

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3T-1121	1	LOCK AS	
	2	1	2H-6622	2	SCREW-MACHINE	
	3	1	9P-7860	1	LOCK AS	
	4	1	9P-7859	2	SCREW	
BD	5	1	5P-5680		SEAL	
BD	6	1	6V-5833		SEAL	
BD	7	1	5P-8918		SEAL	
	8	1	8Y-6827	1	GLASS (TINTED) (CAB-REAR)	
BE	9	1	8Y-6839		SEAL	

B-USE AS REQUIRED

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00834647

OPERATOR STATION

3E-9177 WIPER GP-WINDOW

S/N: 7PZ1-UP

24 VOLT

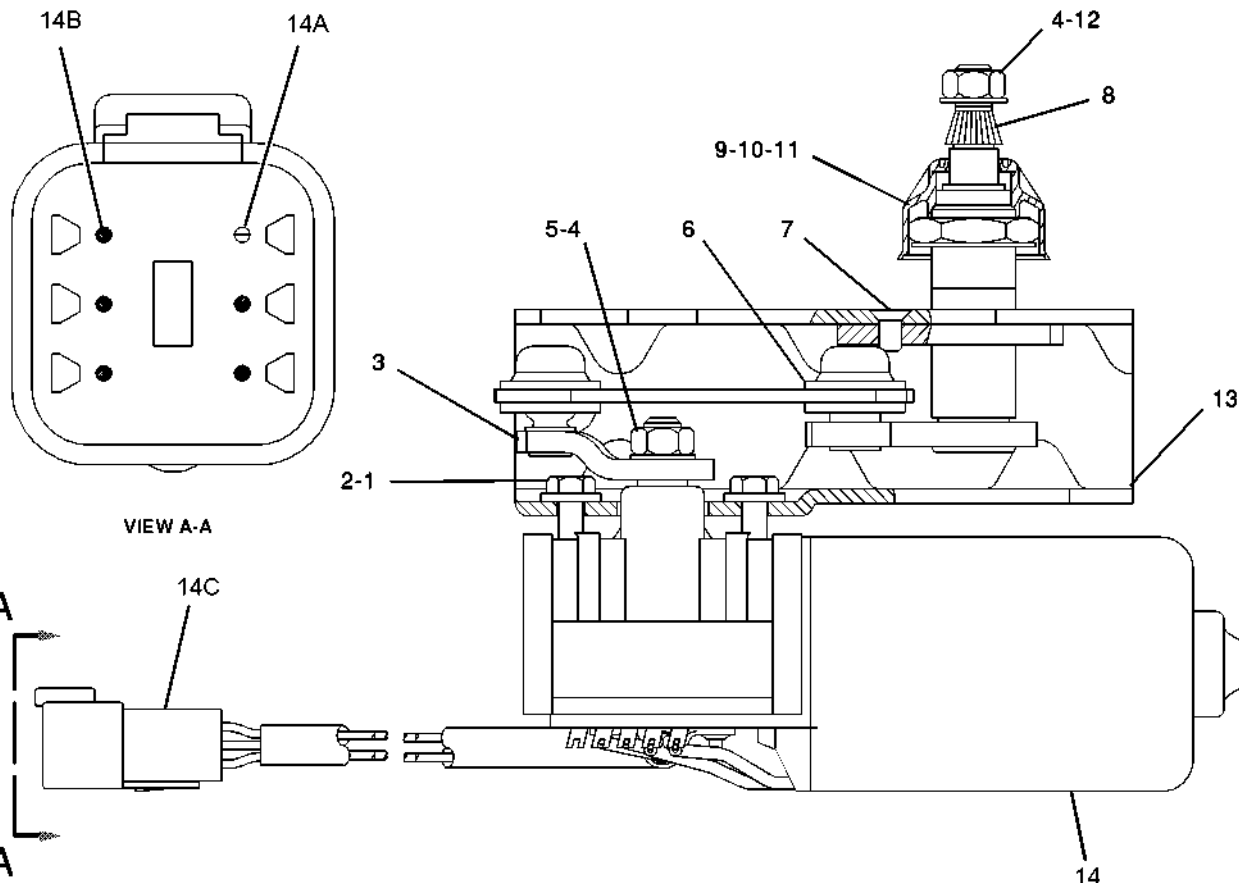
PART OF 157-3735 WIPER GP-WINDOW
FIELD REPLACEMENT ORDER 147-7976-PAGE 1074
ALSO AN ATTACHMENT

SMCS-7305

i01980353

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	5C-9553	3	BOLT (M6X1X16MM)						
	2	1	5P-0537	3	WASHER-HARD (7.2X14.5X2MM THK)						
	3	1	3T-7086	1	CRANK AS						
M	4	1	6V-6889	2	NUT (M8X1.25 THD)						
	5	1	6V-6888	1	WASHER-SPRING (8.31X15.54X1.07MM THK)						
	6	1	6V-6208	1	LINK-CONNECTING						
M	7	1	3C-1884	4	SCREW-MACHINE (M5X0.8 BG THD)						
	8	1	6V-6206	1	SHAFT AS-DRIVE						
M	9	1	6V-6213	1	NUT (M20X1 THD)						
	10	1	6V-6214	1	WASHER (20.15X29.6X1MM THK)						
	11	1	6V-6209	1	CAP-WIPER						
	12	1	6A-9718	1	WASHER (8.1X12.5X1MM THK)						
	13	1	3T-7059	1	BRACKET						
	14	1	135-0611	1	MOTOR GP-WINDOW WIPER						
	14A	1	8T-8737	1	PLUG-SEAL						
14B	1	186-3735	5	PIN-CONNECTOR							
14C	1	102-8805	1	KIT-RECEPTACLE (6-PIN)							
(INCLUDES RECEPTACLE AS & WEDGE)											

M-METRIC PART



GRAPHIC #1

<END>

g01026890

OPERATOR STATION

102-3001 WIPER GP-WINDOW-REAR

S/N: 7PZ1-UP

24 VOLT

PART OF 157-3735 WIPER GP-WINDOW

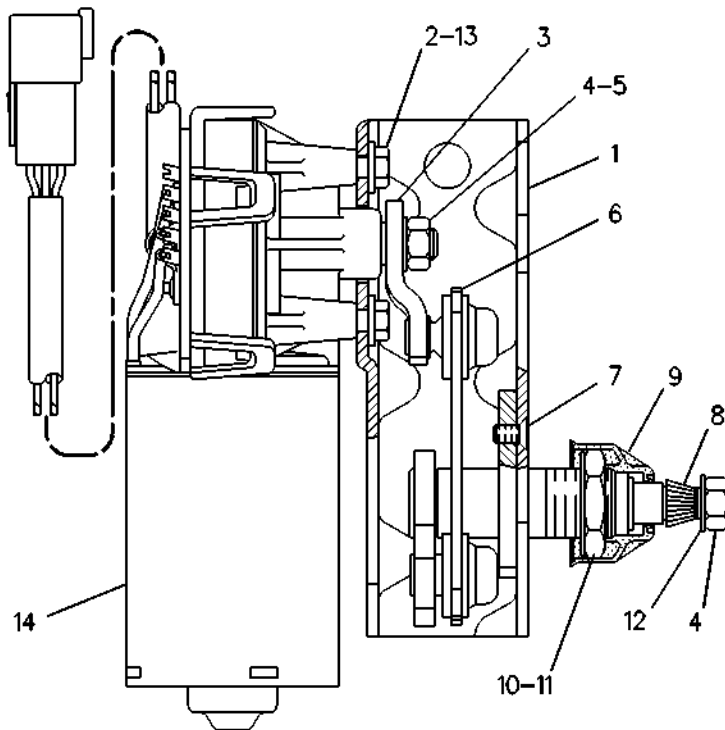
ALSO AN ATTACHMENT

SMCS-7305

i01446868

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-7059	1	BRACKET						
M	2	1	5C-9553	3	BOLT (M6X1X16MM)						
	3	1	3T-7086	1	CRANK AS						
M	4	1	6V-6889	2	NUT (M8X1.25 THD)						
	5	1	6V-6888	1	WASHER-SPRING						
	6	1	6V-6218	1	LINK-CONNECTING						
M	7	1	3C-1884	4	SCREW-MACHINE (M5X0.8 BG THD)						
	8	1	6V-6215	1	SHAFT AS-DRIVE						
	9	1	6V-6209	1	CAP						
M	10	1	6V-6213	1	NUT (M20X1 THD)						
	11	1	6V-6214	1	WASHER (20.15X29.6X1MM THK)						
	12	1	6A-9718	1	WASHER (8.1X12.5X1MM THK)						
	13	1	5P-0537	3	WASHER-HARD (7.2X14.5X2MM THK)						
	14	1	3E-6388	1	MOTOR AS-WINDOW WIPER						
		1	102-8805	2	KIT-RECEPTACLE (6 PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3383	1	WEDGE-RECEPTACLE LOCK						
		1	8T-8729	5	PIN-CONNECTOR						
		1	8T-8737	1	PLUG-SEAL						

M-METRIC PART



GRAPHIC #1

<END>

g00234142

OPERATOR STATION

157-3735 WIPER GP - WINDOW

S/N: 7PZ1-UP

PART OF 157-4817 CAB AR

ALSO AN ATTACHMENT

TYPE 1

SMCS-7305

101989207

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	102-3001	1	WIPER GP-WINDOW (REAR)	1161
	2	2	6V-3960	1	BOLT (1/4-28X0.875 IN)	
	3	2	6N-7523	1	WASHER (6.48X11.9X1.57MM THK)	
	4	2	8T-1739	2	WASHER-HARD (21X40X3.5MM THK)	
	5	1	8T-2174	4	GASKET-SPACER	
	6	2	145-8741	1	ARM AS-WIPER (FRONT WINDOW)	
	7	2	6V-5851	1	BLADE AS-WIPER (FRONT WINDOW)	
	8	1	6T-0303	2	DRIVE AS	
	9	2	8E-2593	1	CONSOLE-SWITCH (WINDOW WIPER)	
	10	2	6V-8969	3	SCREW-BUTTON HEAD	
	11	2	157-5127	1	HARNES AS-SWITCH (WIPER)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		2	102-8806	1	KIT-RECEPTACLE (8-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		2	102-8800	1	KIT-CONNECTING PLUG (12-PIN)	
		2	155-2274	3	KIT-CONNECTING PLUG (6-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	12	1	6V-6212	2	SHAFT AS-DRIVE	
	13	1	6T-0302	2	LINK AS	
	14	2	155-2701	4	SWITCH AS (FRONT, REAR, RH & LH DOOR)	
					(EACH INCLUDES)	
		2	2H-3920	1	LOCKWASHER	
		2	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)	
		2	6V-8369	1	NUT (7/16-28 THD)	
		2	110-7889	1	KNOB (WIPER-WASHER SWITCH)	
		2	186-3735	6	PIN-CONNECTOR	
		2	014-0816	1	SETSCREW (8-32X.5 IN)	
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	15	2	7X-7763	1	FILM-INSTRUCTION (WINDOW WIPER/WASHER)	1169
Y	16	2	6V-6561	1	WIPER PIVOT GP	
Y	17	1	3E-9177	1	WIPER GP-WINDOW (FRONT)	1160
	18	2	5P-4115	1	WASHER-HARD (7.2X19X2MM THK)	
	19	2	7X-3182	1	BOLT (1/4-28X0.5 IN)	
	20	2	5C-8811	1	BLADE AS-WIPER (REAR WINDOW)	
	21	2	8Y-6343	1	ARM AS-WIPER (REAR)	
		2	136-3193	1	NOZZLE AS-WASHER	
	22	1	6V-6211	2	SHAFT AS-DRIVE	
J	23	1	6V-5849	4	BLADE AS-WIPER (RH & LH DOOR)	
	24	1	135-0611	2	MOTOR GP-WINDOW WIPER (DOOR WIPERS)	
	25	1	6V-6214	4	WASHER (20.15X29.6X1MM THK)	
	26	1	7T-1078	1	LINK AS-LH	
M	27	1	6V-6213	4	NUT (M20X1 THD)	
	28	1	145-8740	2	ARM AS-WIPER (LH DOOR)	
					(EACH INCLUDES)	
		1	136-3193	1	NOZZLE AS-WASHER	
	29	1	145-8739	2	ARM AS-WIPER (RH DOOR)	
					(EACH INCLUDES)	
		1	136-3192	1	NOZZLE AS-WASHER	
	30	1	6A-9718	4	WASHER (8.1X12.5X1MM THK)	
M	31	1	6V-6889	6	NUT (M8X1.25 THD)	
	32	1	233-7135	2	BRACKET AS	
					(EACH INCLUDES)	
		1	9F-6445	1	NUT-WELD (1/4-24 THD)	

OPERATOR STATION

157-3735 WIPER GP-WINDOW (contd.)

i01989207

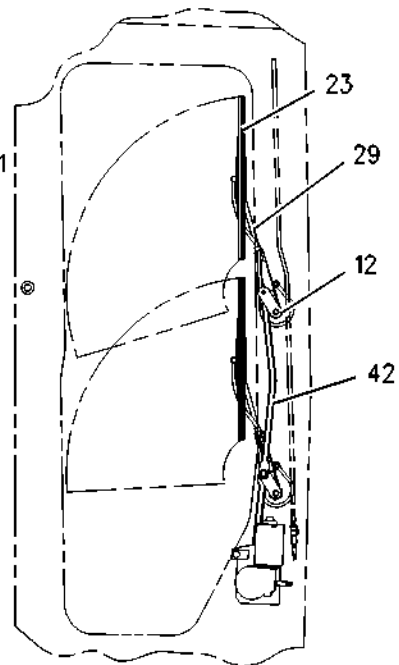
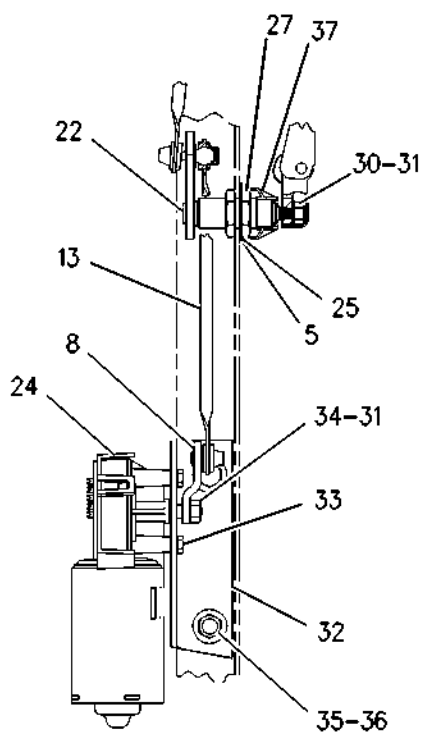
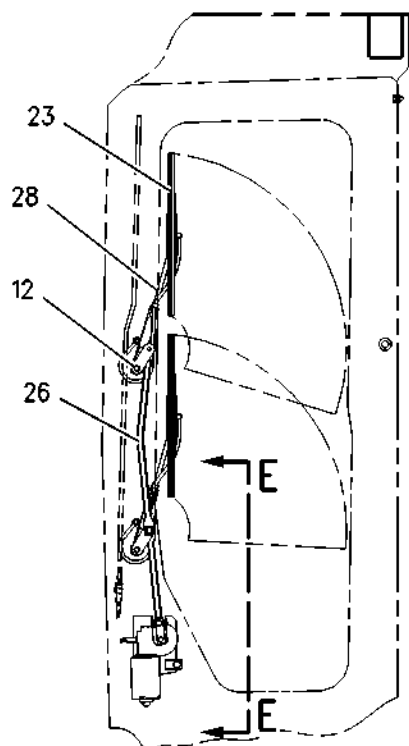
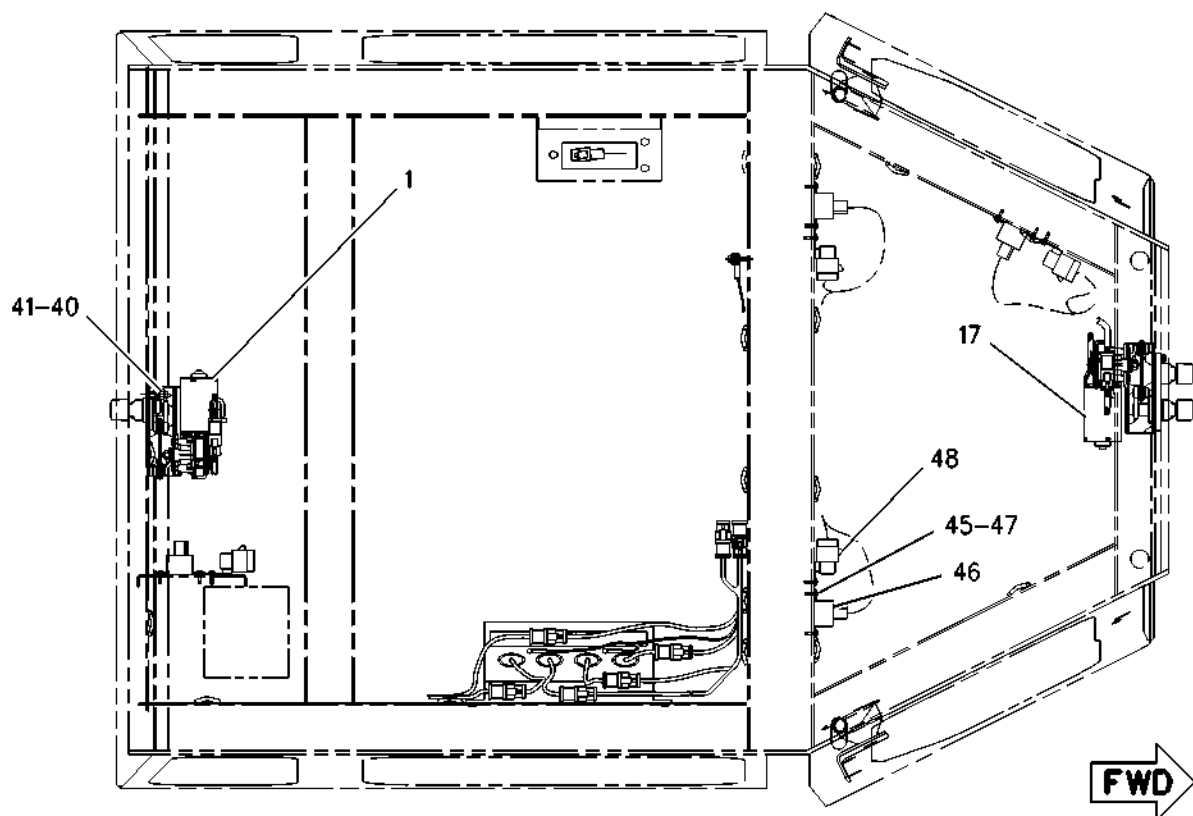
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	33	1	5C-9553	6	BOLT (M6X1X16MM)						
	34	1	6V-6888	2	WASHER-SPRING (8.31X15.54X1.07MM THK)						
	35	1	5S-7379	4	BOLT (3/8-16X0.875 IN)						
	36	1	5P-1075	4	WASHER-HARD (10.2X22.5X3MM THK)						
	37	1	6V-6209	4	CAP-WIPER (MOTORS) (DOORS)						
	38	2	157-5128	1	HARNESS AS-SWITCH (REAR WIPER)						
		2	3E-5519	1	PLUG AS-CONNECTOR (5 PIN)						
		2	155-2269	1	PLUG AS-CONNECTOR (2-PIN)						
		2	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		2	155-2274	2	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS & WEDGE)						
	39	2	8T-5360	4	WASHER (12X22.5X2.5MM THK)						
	40	1	6V-8801	1	NUT (3/8-16 THD)						
	41	1	8T-4896	1	WASHER-HARD (10.2X18.5X2.5MM THK)						
	42	1	7T-4761	1	LINK AS-RH						
	43	2	9X-1138	1	CONTROL AS-ELECTRONIC						
	44	2	8B-4338	5	SCREW-TAPPING (6-20X.375 IN)						
	45	1	5P-8394	12	SCREW-MACHINE (8-32X.75IN)						
	46	1	163-6088	4	MODULE AS						
	47	1	4B-4274	12	WASHER (5.5X13X1.2MM THK)						
	48	1	3E-5239	4	RELAY AS (24-VOLT) (PRESSURIZER)						
				AVAILABLE REPAIR KIT(S) :							
J			8C-5060	1	KIT-WIPER BLADE (WINDOW)						
					(INCLUDES 2 REFILL BLADES)						

J-KIT MARKED J AVAILABLE FOR PARTS MARKED J
M-METRIC PART
Y-SEPARATE ILLUSTRATION

OPERATOR STATION

157-3735 WIPER GP-WINDOW (contd.)

i01989207



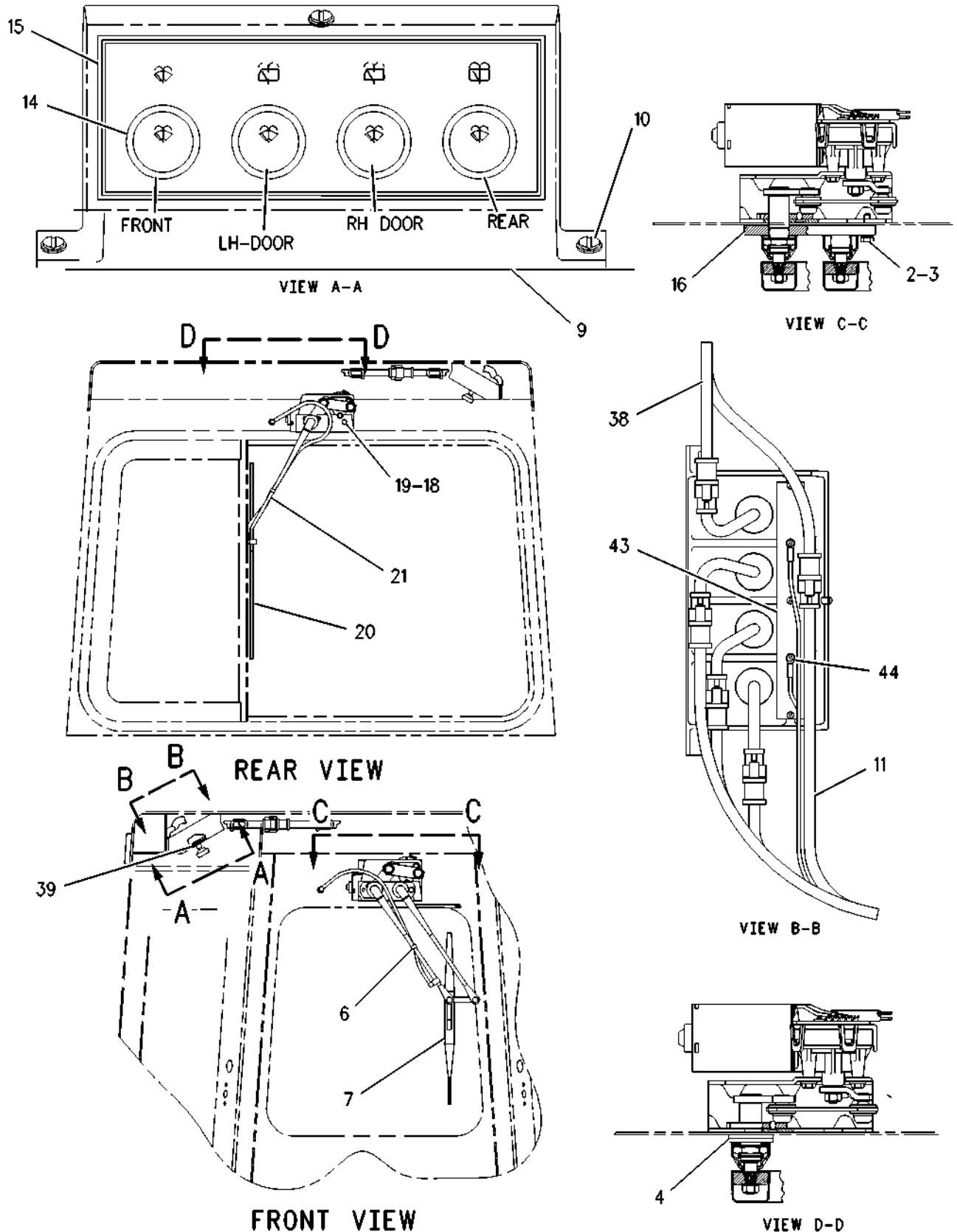
GRAPHIC #1

g00937256

OPERATOR STATION

157-3735 WIPER GP-WINDOW (contd.)

i01989207



GRAPHIC #2

<END>

g00817723

OPERATOR STATION

157-3735 WIPER GP - WINDOW

S/N: 7PZ1-UP

PART OF 157-4817 CAB AR

ALSO AN ATTACHMENT

TYPE 2

SMCS-7305

101989525

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	102-3001	1	WIPER GP-WINDOW (REAR)	1161
	2	1	6V-3960	1	BOLT (1/4-28X0.875 IN)	
	3	1	6N-7523	1	WASHER (6.48X11.9X1.57MM THK)	
	4	1	8T-1739	2	WASHER-HARD (21X40X3.5MM THK)	
	5	1	145-8741	1	ARM AS-WIPER (FRONT WINDOW)	
	6	1	6V-5851	1	BLADE AS-WIPER (FRONT WINDOW)	
	7	1	6T-0303	2	DRIVE AS	
	8	1	8E-2593	1	CONSOLE-SWITCH (WINDOW WIPER)	
	9	1	6V-8969	3	SCREW-BUTTON HEAD	
	10	1	157-5127	1	HARNES AS-SWITCH (WIPER)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	102-8800	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2274	3	KIT-CONNECTING PLUG (6-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	11	1	6V-6212	2	SHAFT AS-DRIVE	
	12	1	6T-0302	2	LINK AS	
	13	1	155-2701	4	SWITCH AS (FRONT, REAR, RH & LH DOOR)	
					(EACH INCLUDES)	
		1	2H-3920	1	LOCKWASHER	
		1	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)	
		1	6V-8369	1	NUT (7/16-28 THD)	
		1	110-7889	1	KNOB (WIPER-WASHER SWITCH)	
		1	186-3735	6	PIN-CONNECTOR	
		1	014-0816	1	SETSCREW (8-32X.5 IN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	14	1	7X-7763	1	FILM-INSTRUCTION (WINDOW WIPER/WASHER)	
Y	15	1	6V-6561	1	WIPER PIVOT GP	1169
Y	16	1	147-7976	1	MOTOR GP-WINDOW WIPER (FRONT)	1074
	17	1	5P-4115	1	WASHER-HARD (7.2X19X2MM THK)	
	18	1	7X-3182	1	BOLT (1/4-28X0.5 IN)	
	19	1	5C-8811	1	BLADE AS-WIPER (REAR WINDOW)	
	20	1	8Y-6343	1	ARM AS-WIPER (REAR)	
		1	136-3193	1	NOZZLE AS-WASHER	
	21	1	6V-6211	2	SHAFT AS-DRIVE	
J	22	1	6V-5849	4	BLADE AS-WIPER (RH & LH DOOR)	
	23	1	135-0611	2	MOTOR GP-WINDOW WIPER (DOOR WIPERS)	
	24	1	6V-6214	4	WASHER (20.15X29.6X1MM THK)	
	25	1	7T-1078	1	LINK AS-LH	
M	26	1	6V-6213	4	NUT (M20X1 THD)	
	27	1	145-8740	2	ARM AS-WIPER (LH DOOR)	
					(EACH INCLUDES)	
		1	136-3193	1	NOZZLE AS-WASHER	
	28	1	145-8739	2	ARM AS-WIPER (RH DOOR)	
					(EACH INCLUDES)	
		1	136-3192	1	NOZZLE AS-WASHER	
	29	1	6A-9718	4	WASHER (8.1X12.5X1MM THK)	
M	30	1	6V-6889	6	NUT (M8X1.25 THD)	
	31	1	233-7135	2	BRACKET AS	
					(EACH INCLUDES)	
		1	9F-6445	1	NUT-WELD (1/4-24 THD)	
M	32	1	5C-9553	6	BOLT (M6X1X16MM)	

OPERATOR STATION

157-3735 WIPER GP-WINDOW (contd.)

i01989525

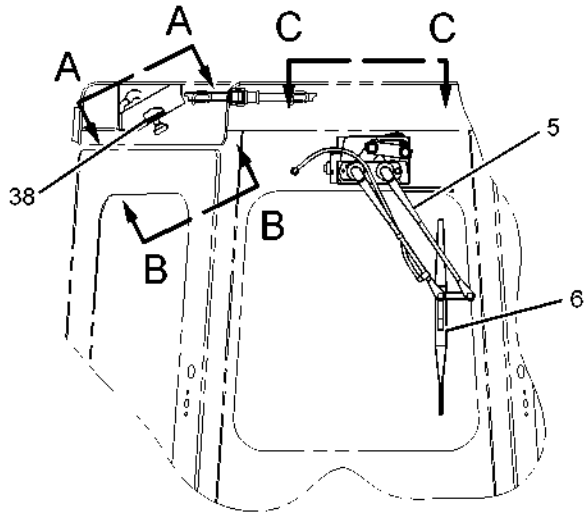
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	33	1	6V-6888	2	WASHER-SPRING (8.31X15.54X1.07MM THK)						
	34	1	5S-7379	4	BOLT (3/8-16X0.875 IN)						
	35	1	5P-1075	4	WASHER-HARD (10.2X22.5X3MM THK)						
	36	1	6V-6209	4	CAP-WIPER (MOTORS) (DOORS)						
	37	1	157-5128	1	HARNESS AS-SWITCH (REAR WIPER)						
		1	3E-5519	1	PLUG AS-CONNECTOR (5 PIN)						
		1	155-2269	1	PLUG AS-CONNECTOR (2-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2274	2	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS & WEDGE)						
	38	1	8T-5360	4	WASHER (12X22.5X2.5MM THK)						
	39	1	6V-8801	1	NUT (3/8-16 THD)						
	40	1	8T-4896	1	WASHER-HARD (10.2X18.5X2.5MM THK)						
	41	1	7T-4761	1	LINK AS-RH						
	42	1	9X-1138	1	CONTROL AS-ELECTRONIC						
	43	1	8B-4338	5	SCREW-TAPPING (6-20X.375 IN)						
	44	1	5P-8394	12	SCREW-MACHINE (8-32X.75IN)						
	45	1	163-6088	4	MODULE AS						
	46	1	4B-4274	12	WASHER (5.5X13X1.2MM THK)						
	47	1	3E-5239	4	RELAY AS (24-VOLT) (PRESSURIZER)						
					AVAILABLE REPAIR KIT(S) :						
J			8C-5060	1	KIT-WIPER BLADE (WINDOW)						
					(INCLUDES 2 REFILL BLADES)						

J-KIT MARKED J AVAILABLE FOR PARTS MARKED J
M-METRIC PART
Y-SEPARATE ILLUSTRATION

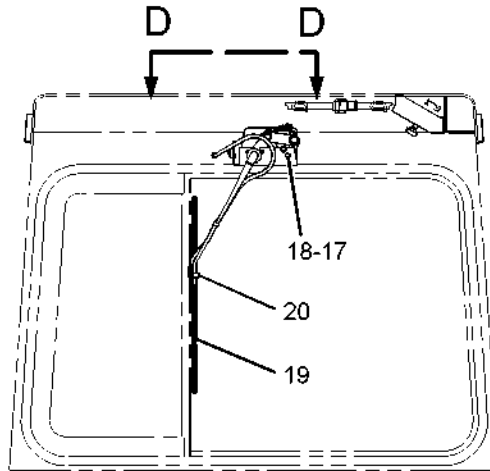
OPERATOR STATION

157-3735 WIPER GP-WINDOW (contd.)

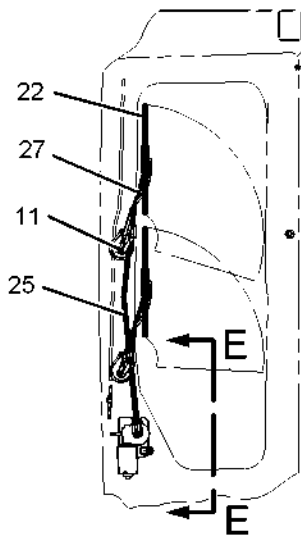
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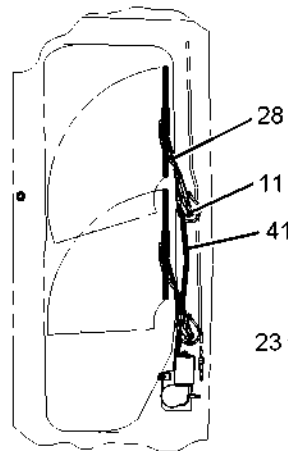
FRONT VIEW



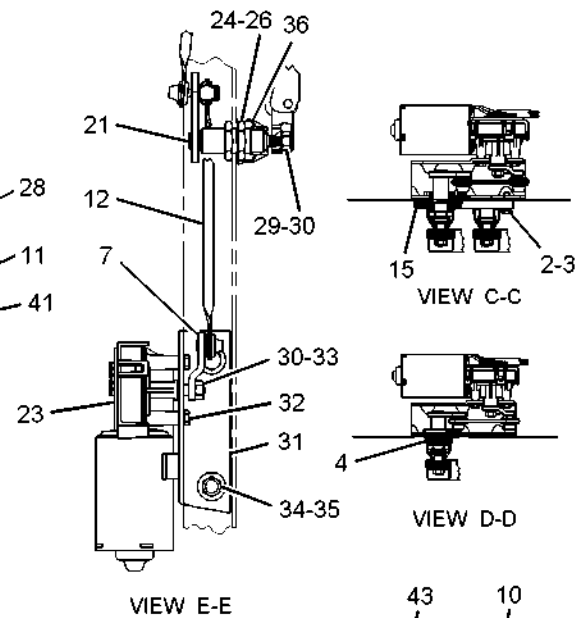
REAR VIEW



LH DOOR



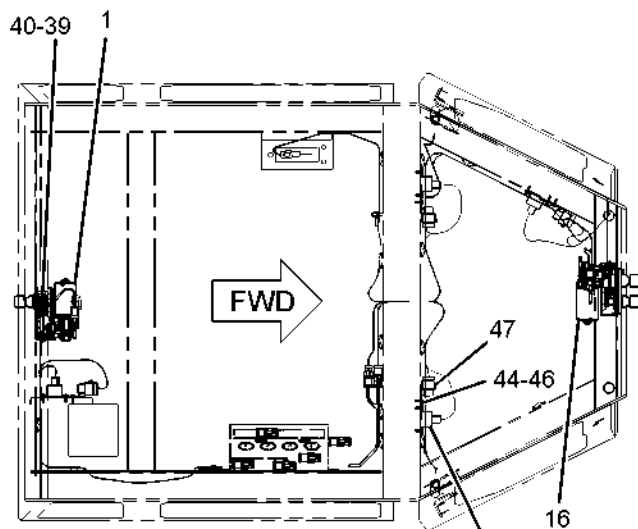
RH DOOR



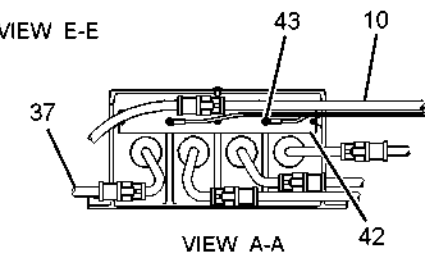
VIEW E-E

VIEW C-C

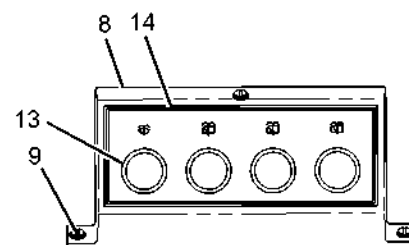
VIEW D-D



TOP VIEW



VIEW A-A



VIEW B-B

GRAPHIC #1

<END>

g01025704

OPERATOR STATION

6V-6561 WIPER PIVOT GP-REAR WINDOW

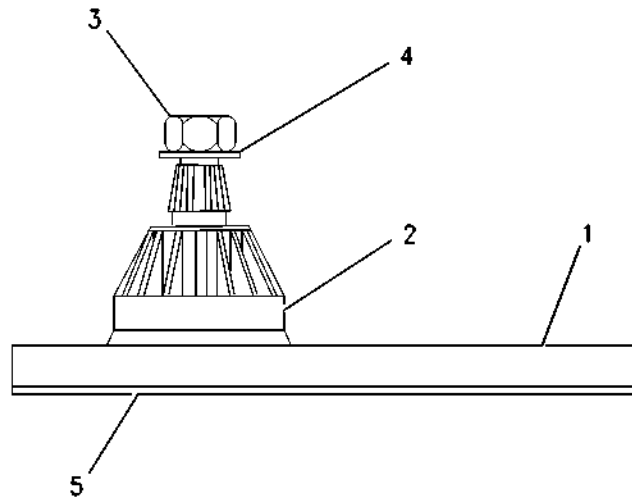
S/N: 7PZ1-UP

PART OF 157-3735 WIPER GP-WINDOW
ALSO AN ATTACHMENT

SMCS-7305

i01011513

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-6207	1	SHAFT AS-PIVOT						
	2	1	6V-6209	1	CAP						
M	3	1	6V-6889	1	NUT (M8X1.25 THD)						
	4	1	6A-9718	1	WASHER						
	5	1	6V-6210	1	GASKET - SHAFT						
M-METRIC PART											



GRAPHIC #1

<END>

g00316575

SERVICE EQUIPMENT AND SUPPLIES

159-4701 FILM GP—MACHINE

S/N: 7PZ1-UP

PART OF 159-4699 PLATE & FILM GP

SMCS-7000

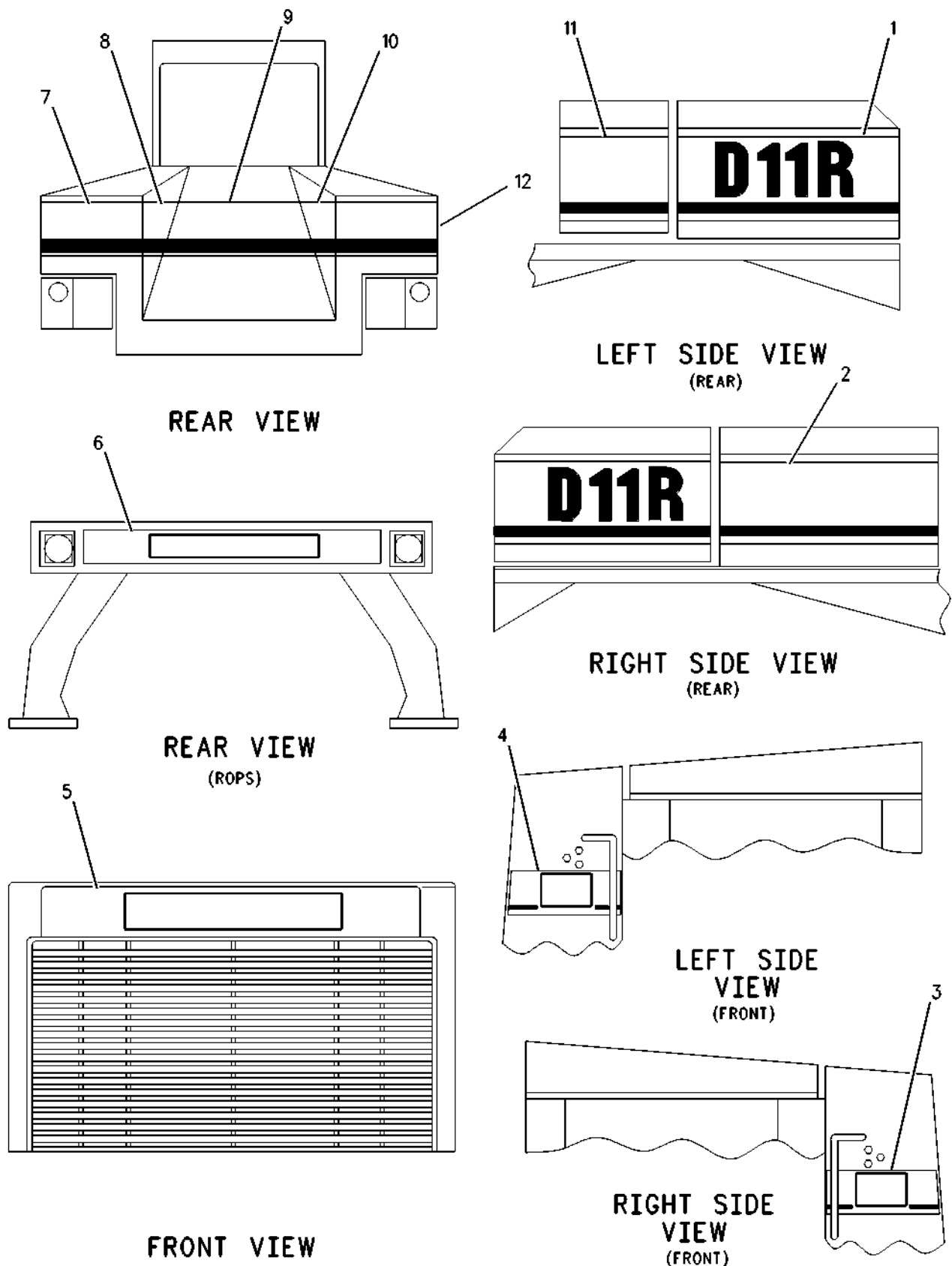
i01096176

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	132-8475	2	FILM-STRIPE						
	2	1	3E-9736	1	FILM-STRIPE						
	3	1	3E-9731	1	FILM-STRIPE (CAT)						
	4	1	3E-9732	1	FILM-STRIPE (CAT)						
	5	1	9X-5736	1	FILM-STRIPE (CATERPILLAR)						
	6	1	3E-9737	1	FILM-STRIPE (CATERPILLAR)						
	7	1	173-1638	1	FILM-STRIPE						
	8	1	173-1641	1	FILM-STRIPE						
	9	1	173-1640	1	FILM-STRIPE						
	10	1	173-1642	1	FILM-STRIPE						
	11	1	3E-9733	1	FILM-STRIPE						
	12	1	173-1639	1	FILM-STRIPE						

SERVICE EQUIPMENT AND SUPPLIES

159-4701 FILM GP (contd.)

i01096176



GRAPHIC #1

<END>

g00576252

SERVICE EQUIPMENT AND SUPPLIES

5P-1807 PLATE & FILM GP-RIPPER

S/N: 5MP1-UP; 7CP1-UP; 7DP1-UP; 7ZP1-UP
PART OF 127-1031, 130-6458, 130-6462, 161-2420 RIPPER AR
AN ATTACHMENT

SMCS-7557, 7563

i02024047

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	5P-1327	1	PLATE-SERIAL NUMBER						
			ON RIGHT HAND OF RIGHT						
			TOWER ASSEMBLY						
	4B-5158	2	SCREW-MACHINE (5/16-18X15.88-MM)						
<END>									

5P-4017 PLATE & FILM GP-BULLDOZER

S/N: 8PP1-UP; 8RP1-UP
PART OF 119-4267, 119-4268, 119-4282, 199-8241, 226-5919 BULLDOZER
AR-SEMI-UNIVERSAL, 119-4281, 199-8240, 226-5918 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-7557, 7563

i02024046

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	8T-7371	1	PLATE-SERIAL NUMBER						
			ON BACK OF MOLDBOARD, NEAR THE TOP, AT THE RIGHT HAND END						
	4B-4158	2	SCREW-DRIVE (3/16X0.25-IN)						
			<END>						

159-4699 PLATE & FILM GP-MACHINE

S/N: 7PZ1-UP
PART OF 155-5552 CHASSIS AR

SMCS-7557, 7563

i01963949

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	159-4701	1	FILM GP						1170
A	3N-3790	1	PLATE-SERIAL NUMBER (ENGINE)						
			ON LEFT HAND SIDE OF BLOCK						
	9X-1883	1	PLATE-INFORMATION (SERVICE NUMBERS)						
			ON LH SIDE OF DASH						
	110-6393	1	PLATE-INSTRUCTION (AIR CONDITIONER)						
			ON LH SIDE OF DASH TO BE SEEN THROUGH CAB DOOR						
	5P-9466	1	PLATE-WARNING (READ OPERATION MANUAL)						
			ON VERTICAL WALL LH SIDE OF OPERATOR PLATFORM						
	9N-1995	12	RIVET-POP						
	9F-6656	1	RING-RETAINING						
			ON TOP OF PTO FILLER CAP CHAIN						
	4B-4158	12	SCREW-DRIVE (3/16X0.25 IN)						
	1P-2807	4	FILM (LIFT EYE LOCATION)						
			W/O RIPPER-ON TRACK ROLLER FRAME BETWEEN						
			FRONT IDLER & FRONT ROLLER AND BETWEEN REAR						
			IDLER & REAR ROLLER						
			WITH RIPPER-ON TRACK ROLLER FRAME BETWEEN						
			FRONT IDLER & FRONT ROLLER AND ON REAR RIPPER						
			FRAME						
	4P-6464	2	FILM-INFORMATION (AIR CLEANER)						
			ON TOP OF EACH AIR CLEANER						

SERVICE EQUIPMENT AND SUPPLIES

159-4699 PLATE & FILM GP (contd.)

i01963949

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	5P-9884	1	FILM (HYDRAULIC OIL)						
			ON TOP OF HYDRAULIC TANK ADJACENT TO FILLER SPOUT						
	215-9802	2	FILM-WARNING (JUMPER CABLE CONNECTION)						
			ON UNDERSIDE OF BATTERY COMPARTMENT COVERS						
	6V-7620	2	FILM-IDENTIFICATION (ENG OIL FILTER)						
			ON SPIN-ON ENGINE OIL FILTERS						
	7X-7644	8	FILM (TIE DOWN)						
			1-ON FRONT TOWING EYE						
			6-ON TRACK ROLLER FRAMES FRONT & REAR MAJOR CARTRIDGE PINS CENTERED BETWEEN FRONT & REAR IDLERS						
			1-FOR MACHINES WITH RETRIEVAL HITCH OR RIPPER AT REAR ON RETRIEVAL HITCH OR RIPPER FRAME						
	8C-3221	1	FILM-OIL LEVEL (TRANSMISSION)						
			ON PLATE NEXT TO POWER TRAIN OIL DIPSTICK						
	8T-4999	1	FILM-INSTRUCTION (BATTERY DISCONNECT)						
			UNDER DISCONNECT SWITCH						
	9Y-4294	3	FILM-WARNING (FUEL INJECTOR)						
			1-ON RIGHT HAND ENGINE VALVE COVER OVER #1 CYLINDER 1- ON FRONT ELECTRONIC CONTROL MODULE AT FRONT RH CORNER OF ENGINE						
			1-ON LH ENGINE VALVE COVER OVER #2 CYLINDER						
	106-7408	1	FILM-INFORMATION (ENGINE OIL)						
			ON ENGINE OIL FILL CAP						
	211-1808	1	FILM (IDENTIFICATION)						
			ON FRONT OF EQUALIZER BAR LUBRICATION RESERVOIR BOTTLE						
	134-7258	1	FILM-IDENTIFICATION (EXTENDED LIFE COOLANT)						
			ON INSIDE OF DOOR TO RADIATOR FILL						
	137-3929	1	FILM-INSTRUCTION (DOZER OPERATON)						
			ON RH COVER						
	137-3933	1	FILM-IDENTIFICATION (LOCK/UNLOCK)						
			ALIGN FILM TO IMPLEMENT DEACTIVATION ON RH CONSOLE IN THE CAB						
	137-3957	1	FILM-INSTRUCTION (RIPPER CONTROL)						
			ON RH COVER						
	137-3958	1	FILM-INSTRUCTION (AUTO BLADE PITCH ANGLE)						
			ON RH CONSOLE COVER						
	190-5386	2	FILM-REFLECTOR (RED)						
			ON REAR LH & RH SIDE OF MACHINE ON FILM STRIPE						
	3E-2378	1	FILM-INSTRUCTION (PIVOT SHAFT LUBRICATION)						
			ON FRONT OF PIVOT SHAFT LUBRICATION RESERVOIR BOTTLE						
A-NOT PART OF THIS GROUP Y-SEPARATE ILLUSTRATION									
<END>									

MEMORANDA

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