

FOREWORD

This wiring diagram manual has been prepared to provide information on the electrical system of the 2007 YARIS.

Applicable models: NCP91, 93 Series

Refer to the following manuals for additional service specifications and repair procedures for these models:

| Manual Name | Pub. No. |
|-------------------------------|----------|
| • 2007 YARIS Repair Manual | RM01V0U |
| • 2007 YARIS New Car Features | NM01V0U |

All information in this manual is based on the latest product information at the time of publication. However, specifications and procedures are subject to change without notice.

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NOTICE

Always follow the directions given in the above repair manuals when handling supplemental restraint system components (such as removal, installation, inspection, etc.) in order to prevent accidents and supplemental restraint system malfunction.

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2007 YARIS ELECTRICAL WIRING DIAGRAM

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A INTRODUCTION

This manual consists of the following 13 sections:

| No. | Section | Description |
|-----|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A | INDEX | Index of the contents of this manual. |
| | INTRODUCTION | Brief explanation of each section. |
| B | HOW TO USE THIS MANUAL | Instructions on how to use this manual. |
| C | TROUBLE-SHOOTING | Describes the basic inspection procedures for electrical circuits. |
| D | ABBREVIATIONS | Defines the abbreviations used in this manual. |
| E | GLOSSARY OF TERMS AND SYMBOLS | Defines the symbols and functions of major parts. |
| F | RELAY LOCATIONS | Shows position of the Electronic Control Unit, Relays, Relay Block, etc. This section is closely related to the system circuit. |
| G | ELECTRICAL WIRING ROUTING | Describes position of Parts Connectors, Splice points, Ground points, etc. This section is closely related to the system circuit. |
| H | INDEX | Index of the system circuits. |
| | SYSTEM CIRCUITS | Electrical circuits of each system are shown from the power supply through ground points. Wiring connections and their positions are shown and classified by code according to the connection method. (Refer to the section, "How to use this manual"). The "System Outline" and "Service Hints" useful for troubleshooting are also contained in this section. |
| I | GROUND POINT | Shows ground positions of all parts described in this manual. |
| J | POWER SOURCE (Current Flow Chart) | Describes power distribution from the power supply to various electrical loads. |
| K | CONNECTOR LIST | Describes the form of the connectors for the parts appeared in this book. This section is closely related to the system circuit. |
| L | PART NUMBER OF CONNECTORS | Indicates the part number of the connectors used in this manual. |
| M | OVERALL ELECTRICAL WIRING DIAGRAM | Provides circuit diagrams showing the circuit connections. |

HOW TO USE THIS MANUAL B

This manual provides information on the electrical circuits installed on vehicles by dividing them into a circuit for each system.

The actual wiring of each system circuit is shown from the point where the power source is received from the battery as far as each ground point. (All circuit diagrams are shown with the switches in the OFF position.)

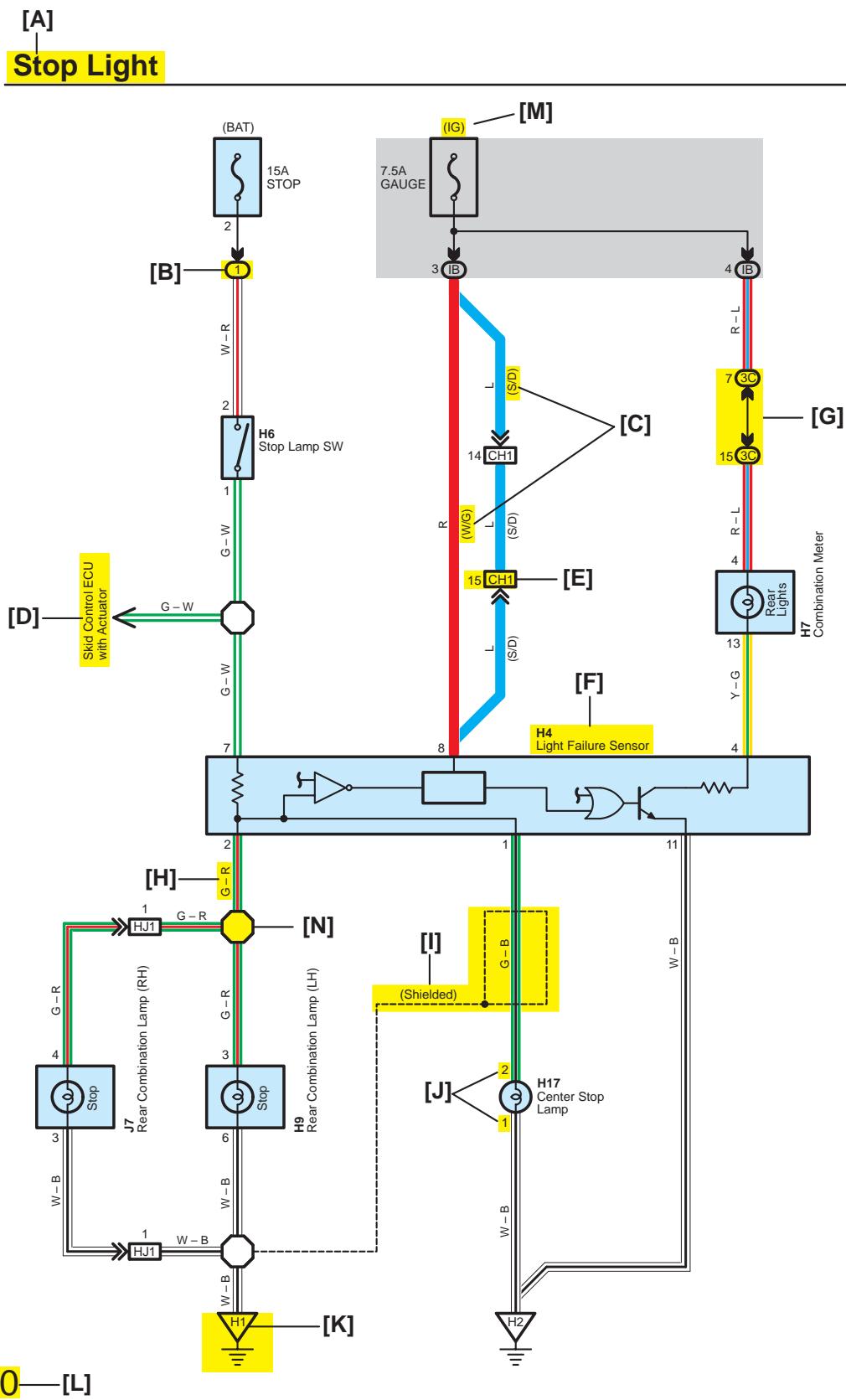
When troubleshooting any problem, first understand the operation of the circuit where the problem was detected (see System Circuit section), the power source supplying power to that circuit (see Power Source section), and the ground points (see Ground Point section). See the System Outline to understand the circuit operation.

When the circuit operation is understood, begin troubleshooting of the problem circuit to isolate the cause. Use Relay Location and Electrical Wiring Routing sections to find each part, junction block and wiring harness connectors, wiring harness and wiring harness connectors and ground points of each system circuit. Internal wiring for each junction block is also provided for better understanding of connection within a junction block.

Wiring related to each system is indicated in each system circuit by arrows (from __, to __). When overall connections are required, see the Overall Electrical Wiring Diagram at the end of this manual.

B HOW TO USE THIS MANUAL

* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.



[A] : System Title

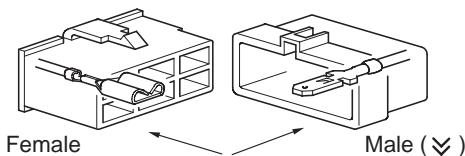
[B] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B

Example: ① Indicates Relay Block No.1

[C] : () is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

[D] : Indicates related system.

[E] : Indicates the code for the (male and female) connectors which are used to join two wire harnesses. The connector code consists of two alphabetical and one numerical characters.



The first character of the connector code indicates the alphabetical code allocated to the wire harness which has the female connector, and the second shows that of the wire harness which has the male connector.

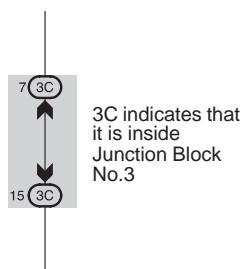
The third character indicates a serial number used to distinguish between the wire harness combinations in cases when more than one of the same combination of wire harnesses exist (e.g. CH1 and CH2).

Symbol () indicates the male terminal connector. Numbers outside connector codes indicate the pin numbers of both male and female connectors.

[F] : Represents a part (all parts are shown in sky blue). The code is the same as the code used in parts position.

[G] : Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

Example:



[H] : Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

B = Black W = White BR = Brown

L = Blue V = Violet SB = Sky Blue

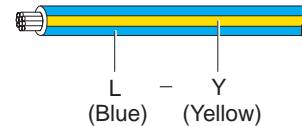
R = Red G = Green LG = Light Green

P = Pink Y = Yellow GR = Gray

O = Orange

The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

Example: L - Y



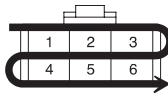
[I] : Indicates a shielded cable.



[J] : Indicates the pin number of the connector.

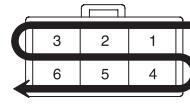
The numbering system is different for female and male connectors.

Example: Numbered in order from upper left to lower right



Female

Numbered in order from upper right to lower left



Male

[K] : Indicates the ground point. The code consists of the two characters: A letter and number.

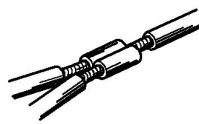
The first character of the code indicates the alphabetical code allocated to the wire harness. The second character indicates a serial number used to distinguish between the ground points in cases when more than one ground point exist on the same wire harness.

[L] : Page No.

[M] : Indicates the ignition key position(s) when the power is supplied to the fuse(s).

[N] : Indicates a wiring Splice Point.

Example:



B HOW TO USE THIS MANUAL

[O]

System Outline

Current is applied at all times through the STOP fuse to TERMINAL 2 of the stop lamp SW. When the ignition SW is turned on, current flows from the GAUGE fuse to TERMINAL 8 of the light failure sensor, and also flows through the rear lights warning light to TERMINAL 4 of the light failure sensor.

Stop Light Disconnection Warning

When the ignition SW is turned on and the brake pedal is pressed (Stop lamp SW on), if the stop light circuit is open, the current flowing from TERMINAL 7 of the light failure sensor to TERMINALS 1, 2 changes, so the light failure sensor detects the disconnection and the warning circuit of the light failure sensor is activated.

As a result, the current flows from TERMINAL 4 of the light failure sensor to TERMINAL 11 to GROUND and turns the rear lights warning light on. By pressing the brake pedal, the current flowing to TERMINAL 8 of the light failure sensor keeps the warning circuit on and holds the warning light on until the ignition SW is turned off.

[P]

○ : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|----------|
| H4 | 36 | H7 | 36 | H17 | 38 |
| H6 | 36 | H9 | 38 | J7 | 38 |

[Q]

□ : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|--------------------------------------|
| 1 | 18 | R/B No.1 (Instrument Panel Brace LH) |

[R]

○ : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 3C | 22 | Instrument Panel Wire and J/B No.3 (Instrument Panel Brace LH) |
| IB | 20 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |

[S]

□ : Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-------------------------------------------------------------------|
| CH1 | 42 | Engine Room Main Wire and Instrument Panel Wire (Left Kick Panel) |
| HJ1 | 50 | Instrument Panel Wire and Floor Wire (Right Kick Panel) |

[T]

▽ : Ground Points

| Code | See Page | Ground Points Location |
|------|----------|------------------------------|
| H1 | 50 | Under the Left Center Pillar |
| H2 | 50 | Back Panel Center |

[O] : Explains the system outline.

[P] : Indicates reference pages showing the parts locations in the system circuit on the vehicle.

Example : Code "H4" (Light Failure Sensor) is on page 36 of the manual.

* The first character of the code indicates the alphabetical code allocated to the wire harness, and the second character indicates the serial number of the parts connected to the wire harness.

Example : H 4

Serial number for the connected parts
Code for the wire harness

[Q] : Indicates the reference page showing the position on the vehicle of Relay Block Connectors in the system circuit.

Example : Connector "1" is described on page 18 of this manual and is installed on the left side of the instrument panel.

[R] : Indicates the reference page showing the position on the vehicle of J/B and Wire Harness in the system circuit.

Example : Connector "3C" connects the Instrument Panel Wire and J/B No.3. It is described on page 22 of this manual, and is installed on the instrument panel left side.

[S] : Indicates the reference page describing the wiring harness and wiring harness connector (the female wiring harness is shown first, followed by the male wiring harness).

Example : Connector "CH1" connects the Engine Room Main Wire (female) and Instrument Panel Wire (male). It is described on page 42 of this manual, and is installed on the left side kick panel.

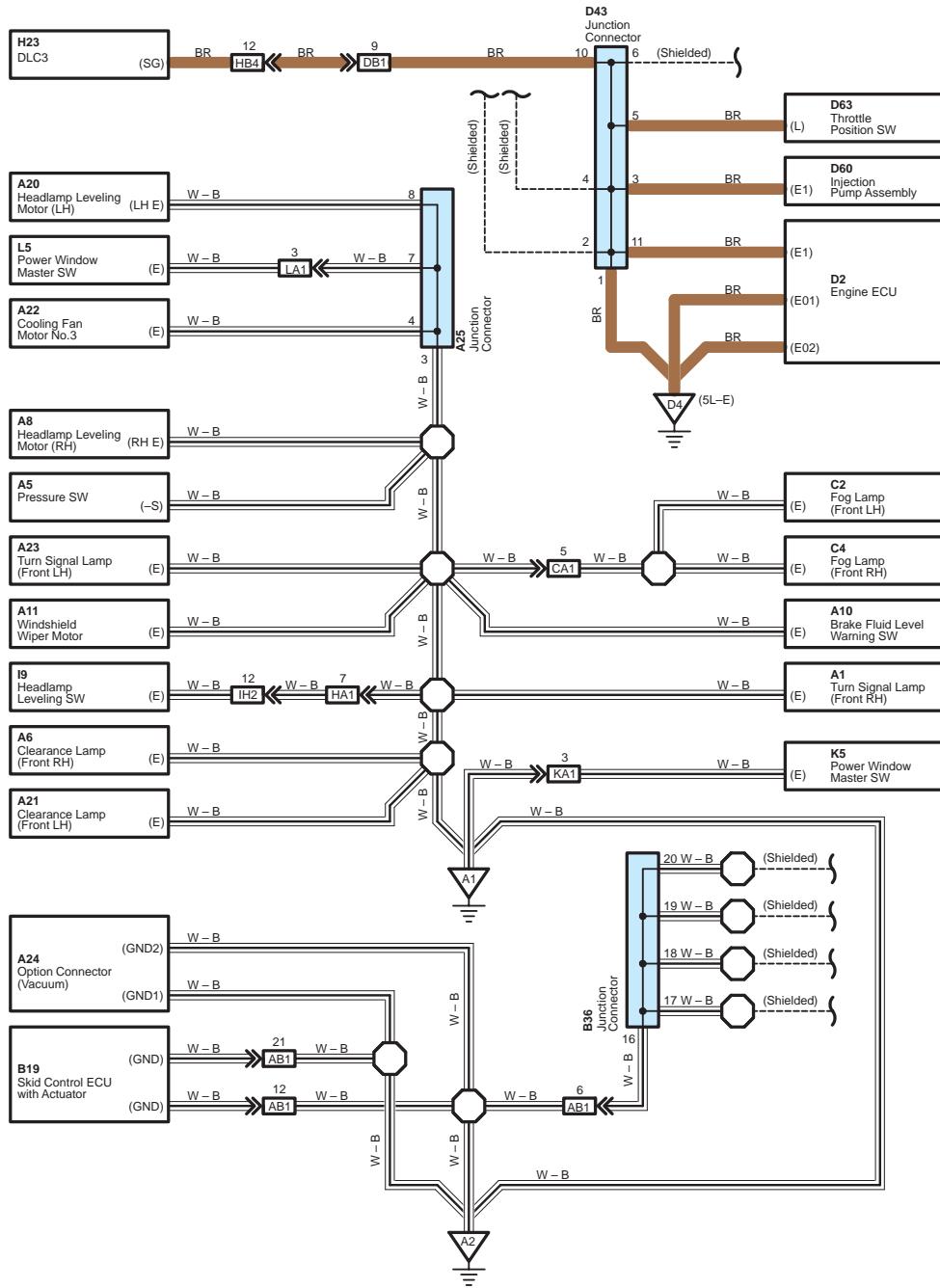
[T] : Indicates the reference page showing the position of the ground points on the vehicle.

Example : Ground point "H2" is described on page 50 of this manual and is installed on the back panel center.

B HOW TO USE THIS MANUAL

The ground points circuit diagram shows the connections from all major parts to the respective ground points. When troubleshooting a faulty ground point, checking the system circuits which use a common ground may help you identify the problem ground quickly. The relationship between ground points (\triangle_{A1} , \triangle_{A2} and \triangle_{D4} shown below) can also be checked this way.

I GROUND POINT

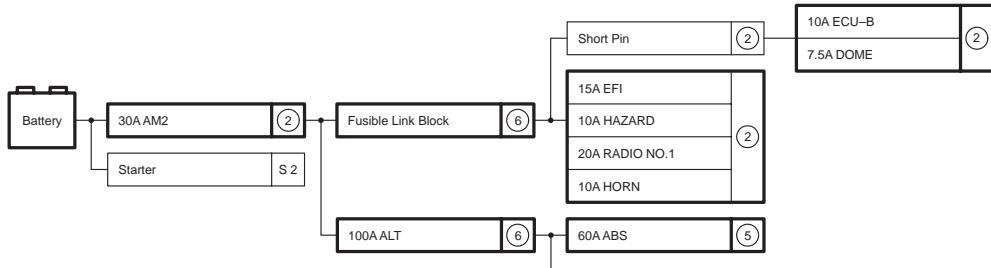


* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

The "Current Flow Chart" section, describes which parts each power source (fuses, fusible links, and circuit breakers) transmits current to. In the Power Source circuit diagram, the conditions when battery power is supplied to each system are explained. Since all System Circuit diagrams start from the power source, the power source system must be fully understood.

J POWER SOURCE (Current Flow Chart)

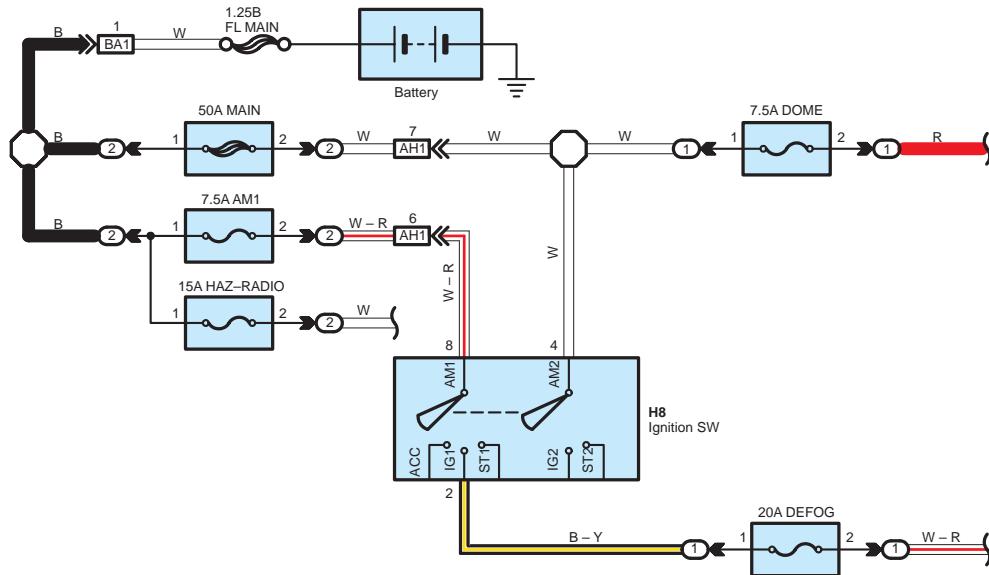
The chart below shows the route by which current flows from the battery to each electrical source (Fusable Link, Circuit Breaker, Fuses, etc.) and other parts



Engine Room R/B (See Page 20)

| Fuse | | System | Page |
|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 20A | STOP | ABS ABS and Traction Control Cruise Control Electronically Controlled Transmission Multiplex Communication System | 194 187 180 166 210 |
| 10A | DOME | Cigarette Lighter Combination Meter Headlight Interior Light Key Reminder and Seat Belt Warning Light Auto Turn Off System “Deterrent and Decal” | 214 230 112 122 |

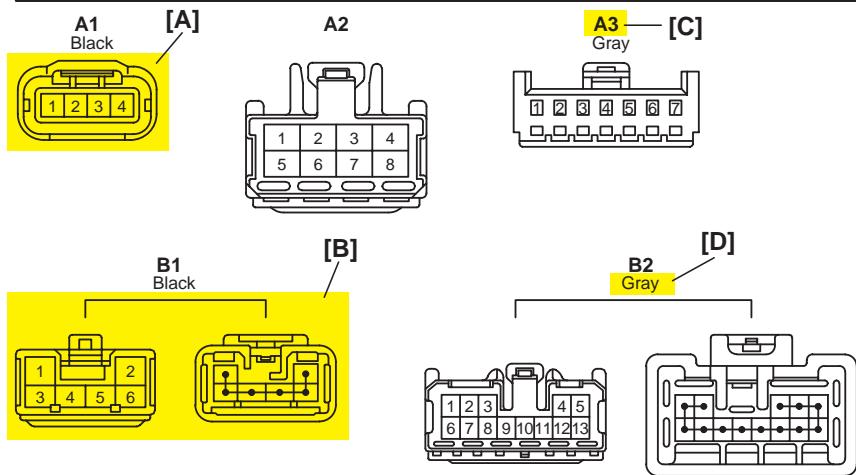
Power Source



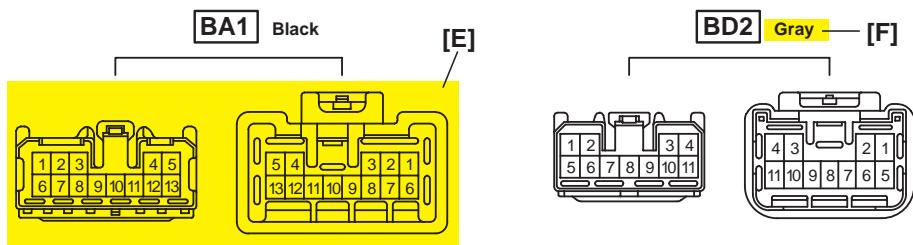
* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

B HOW TO USE THIS MANUAL

K CONNECTOR LIST

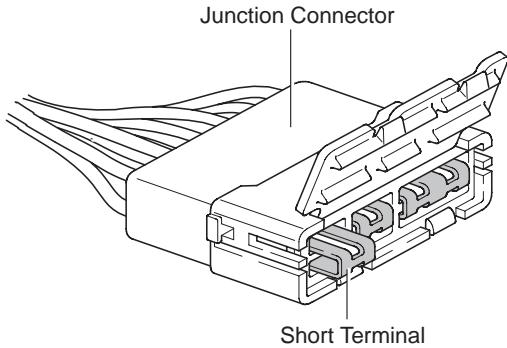


K CONNECTOR LIST



[A] : Indicates connector to be connected to a part. (The numeral indicates the pin No.)

[B] : Junction Connector
Indicates a connector which is connected to a short terminal.



Junction connector in this manual include a short terminal which is connected to a number of wire harnesses. Always perform inspection with the short terminal installed.

[C] : Parts Code

The first letter of the code is taken from the first letter of part, and the numbers indicates its order in parts which start with the same letter.

[D] : Connector Color

Connectors not indicated are milky white in color.

[E] : Indicates the connector shapes which are used to join wire harnesses.

On Left : Female connector shapes

On Right : Male connector shapes

Numbers indicate pin numbers.

[F] : Indicates connector colors. (Connectors with not indicated colors are white)

L PART NUMBER OF CONNECTORS

| Code | Part Name | Part Number | Code | Part Name | Part Number |
|------|------------------------------|---------------|------|-------------------------------|-------------|
| A1 | Turn Signal Lamp (Front RH) | 90980-11019 | B22 | Door Courtesy SW (Front LH) | 90980-12470 |
| A2 | Inlet Air Temp. Sensor | 90980-11163 | B23 | Front Seat Outer Belt (LH) | 90980-12253 |
| A3 | Air Flow Meter | 90980-12292 | B24 | Blower SW (Rear Heater) | 90980-10463 |
| A4 | A/C Pressure Sensor | 90980-10845 | B25 | Front Seat Outer Belt (RH) | 90980-12253 |
| A5 | Pressure SW | 90980-10943 | B26 | Door Courtesy SW (Front RH) | 90980-12470 |
| A6 | Clearance Lamp (Front RH) | 90980-11156 | B27 | Cooling Fan ECU No.1 | 90980-10841 |
| [A] | Headla [B] H) | 90980-[C] 314 | B28 | Cooling Fan ECU No.2 | |
| A8 | Headlamp Leveling Motor (RH) | 90980-11016 | B29 | Water Temp. Sensor (Radiator) | 90980-10735 |
| A9 | Brake Vacuum Warning SW | 90980-11252 | B30 | Fuel Filter Warning SW | 90980-11003 |
| A10 | Brake Fluid Level Warning SW | 90980-11207 | B32 | Door Control Relay (LH) | 90980-10789 |
| A11 | Windshield Washer Motor | 90980-11599 | B33 | Step Lamp (LH) | 90980-10121 |
| A12 | Airbag Sensor (Front RH) | 90980-11856 | B34 | Junction Connector | |
| A13 | Airb " | 90980-12490 | B35 | Junction Connector | 90980-11398 |

[A] : Part Code

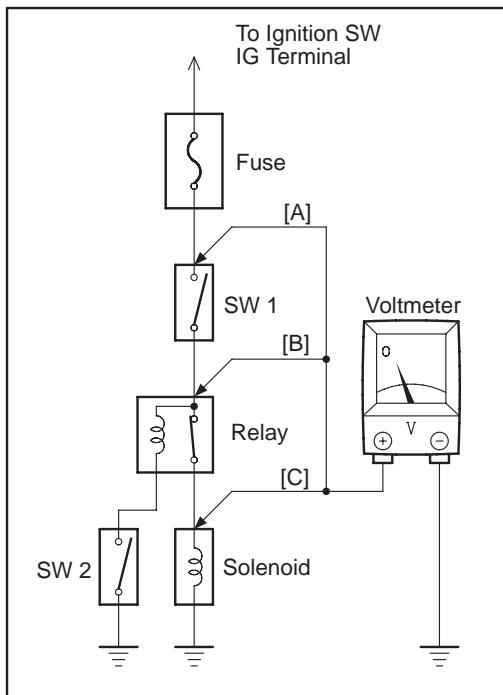
[B] : Part Name

[C] : Part Number

Toyota Part Number are indicated.

Not all of the above part numbers of the connector are established for the supply.

C TROUBLESHOOTING



VOLTAGE CHECK

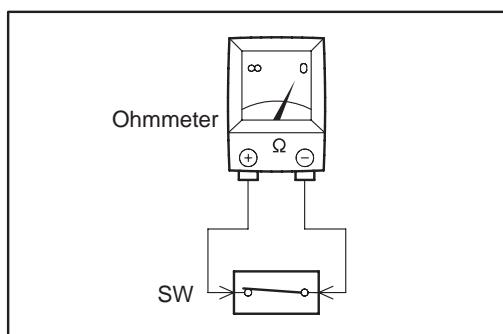
- (a) Establish conditions in which voltage is present at the check point.

Example:

- [A] – Ignition SW on
- [B] – Ignition SW and SW 1 on
- [C] – Ignition SW, SW 1 and Relay on (SW 2 off)

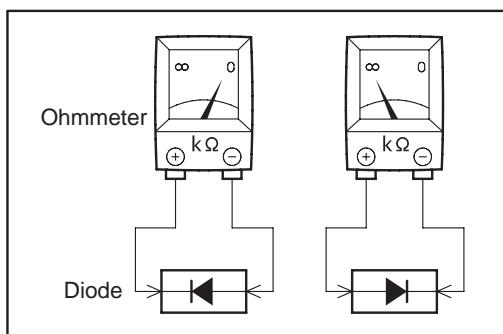
- (b) Using a voltmeter, connect the negative lead to a good ground point or negative battery terminal, and the positive lead to the connector or component terminal.

This check can be done with a test light instead of a voltmeter.



CONTINUITY AND RESISTANCE CHECK

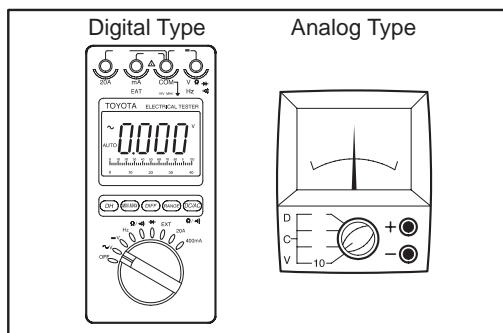
- (a) Disconnect the battery terminal or wire so there is no voltage between the check points.
- (b) Contact the two leads of an ohmmeter to each of the check points.



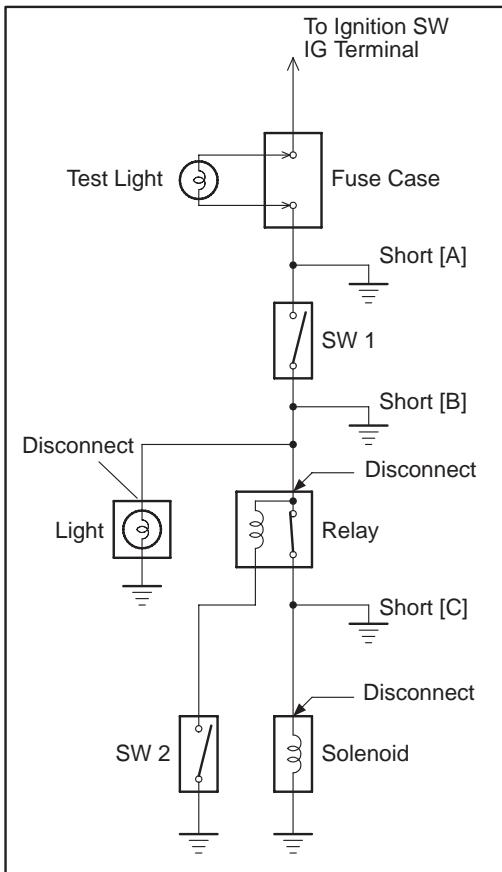
If the circuit has diodes, reverse the two leads and check again.

When contacting the negative lead to the diode positive side and the positive lead to the negative side, there should be continuity.

When contacting the two leads in reverse, there should be no continuity.



- (c) Use a volt/ohmmeter with high impedance ($10 \text{ k}\Omega/\text{V}$ minimum) for troubleshooting of the electrical circuit.



FINDING A SHORT CIRCUIT

- Remove the blown fuse and disconnect all loads of the fuse.
- Connect a test light in place of the fuse.
- Establish conditions in which the test light comes on.

Example:

- [A] – Ignition SW on
- [B] – Ignition SW and SW 1 on
- [C] – Ignition SW, SW 1 and Relay on (Connect the Relay) and SW 2 off (or Disconnect SW 2)

- Disconnect and reconnect the connectors while watching the test light.
The short lies between the connector where the test light stays lit and the connector where the light goes out.
- Find the exact location of the short by lightly shaking the problem wire along the body.

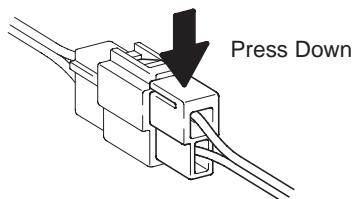
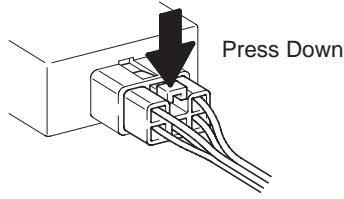
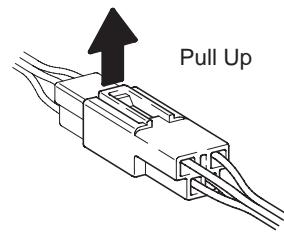
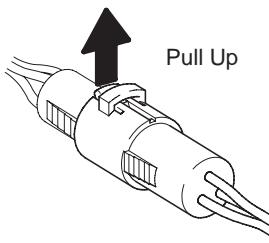
CAUTION:

- Do not open the cover or the case of the ECU unless absolutely necessary. (If the IC terminals are touched, the IC may be destroyed by static electricity.)**
- When replacing the internal mechanism (ECU part) of the digital meter, be careful that no part of your body or clothing comes in contact with the terminals of leads from the IC, etc. of the replacement part (spare part).**

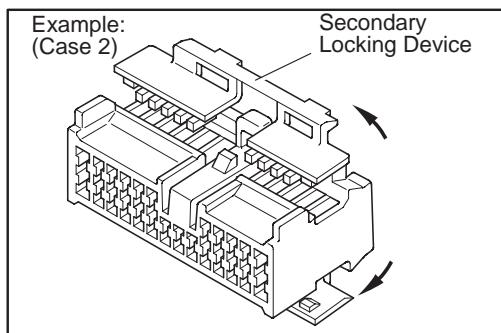
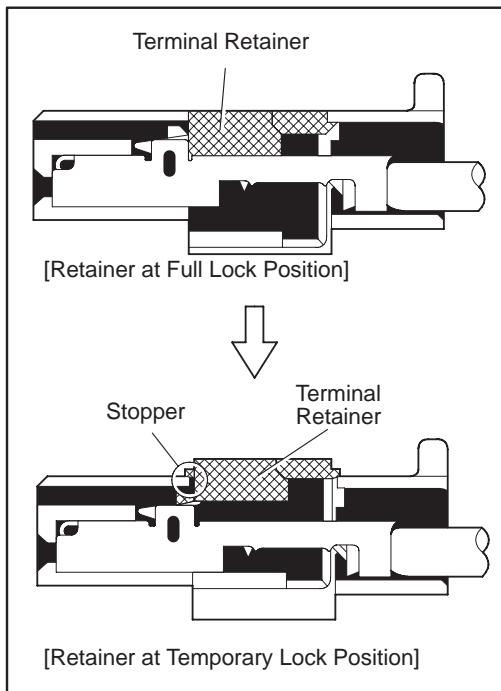
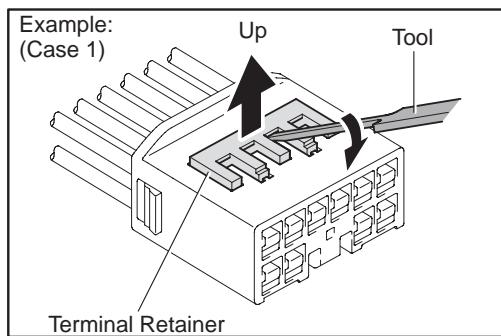
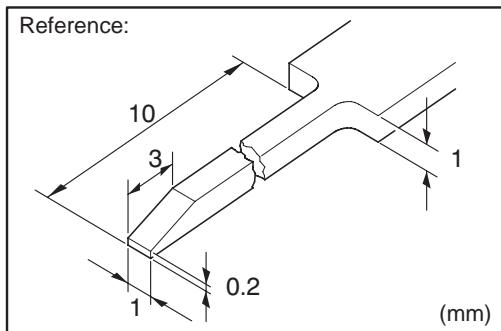
DISCONNECTION OF MALE AND FEMALE CONNECTORS

To pull apart the connectors, pull on the connector itself, not the wire harness.

HINT : Check to see what kind of connector you are disconnecting before pulling apart.



C TROUBLESHOOTING



HOW TO REPLACE TERMINAL (with terminal retainer or secondary locking device)

1. PREPARE THE SPECIAL TOOL

HINT : To remove the terminal from the connector, please construct and use the special tool or like object shown on the left.

2. DISCONNECT CONNECTOR

3. DISENGAGE THE SECONDARY LOCKING DEVICE OR TERMINAL RETAINER.

- (a) Locking device must be disengaged before the terminal locking clip can be released and the terminal removed from the connector.
- (b) Use a special tool or the terminal pick to unlock the secondary locking device or terminal retainer.

NOTICE:

Do not remove the terminal retainer from connector body.

[A] For Non-Waterproof Type Connector

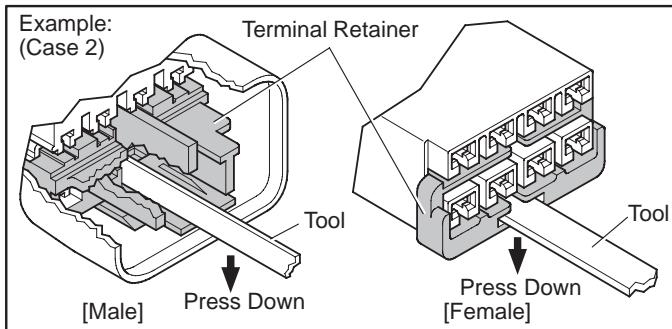
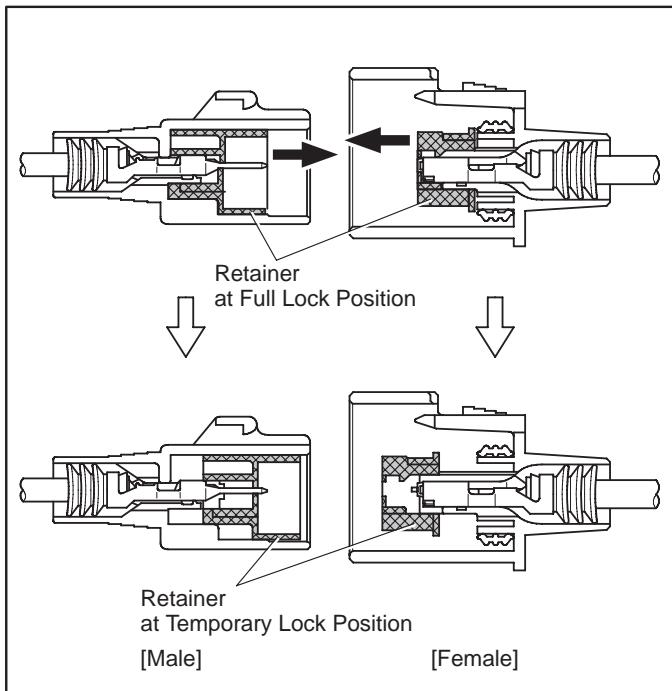
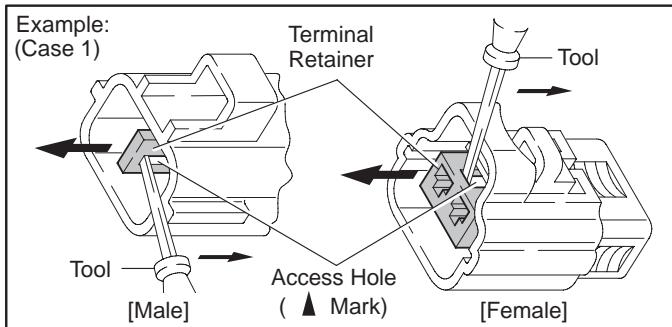
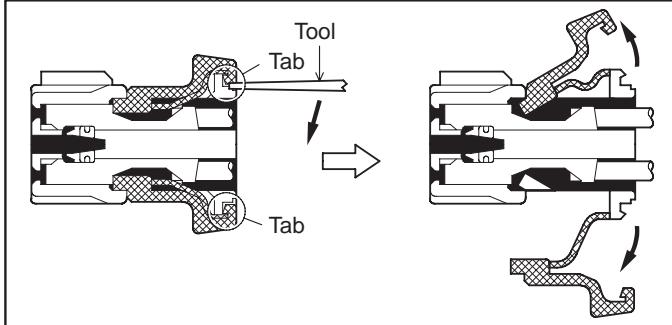
HINT : The needle insertion position varies according to the connector's shape (number of terminals etc.), so check the position before inserting it.

"Case 1"

Raise the terminal retainer up to the temporary lock position.

"Case 2"

Open the secondary locking device.



[B] For Waterproof Type Connector

HINT : Terminal retainer color is different according to connector body.

Example:

Terminal Retainer : Connector Body

Black or White : Gray

Black or White : Dark Gray

Gray or White : Black

"Case 1"

Type where terminal retainer is pulled up to the temporary lock position (Pull Type).

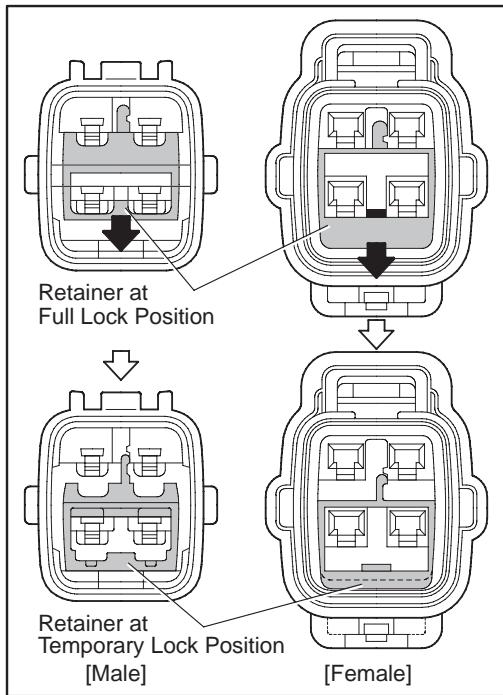
Insert the special tool into the terminal retainer access hole (\blacktriangle Mark) and pull the terminal retainer up to the temporary lock position.

HINT : The needle insertion position varies according to the connector's shape (Number of terminals etc.), so check the position before inserting it.

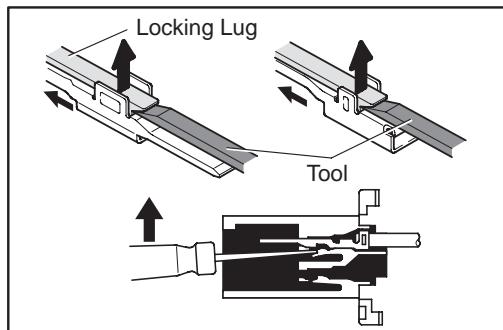
"Case 2"

Type which cannot be pulled as far as Power Lock insert the tool straight into the access hole of terminal retainer as shown.

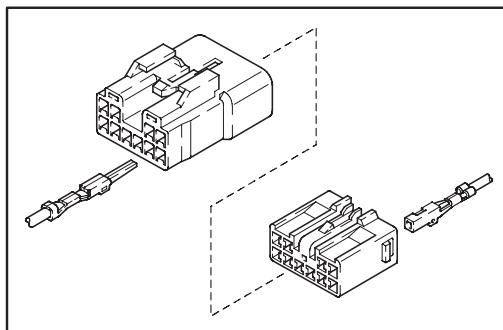
C TROUBLESHOOTING



Push the terminal retainer down to the temporary lock position.



(c) Release the locking lug from terminal and pull the terminal out from rear.

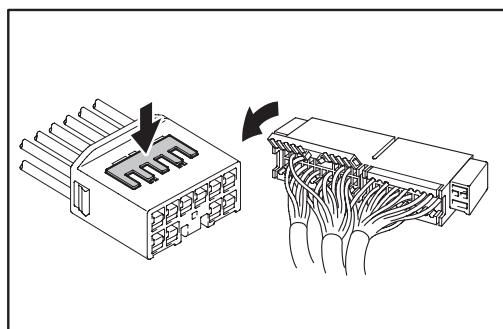


4. INSTALL TERMINAL TO CONNECTOR

(a) Insert the terminal.

HINT:

1. Make sure the terminal is positioned correctly.
2. Insert the terminal until the locking lug locks firmly.
3. Insert the terminal with terminal retainer in the temporary lock position.



(b) Push the secondary locking device or terminal retainer in to the full lock position.

5. CONNECT CONNECTOR

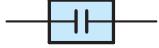
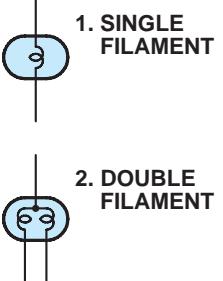
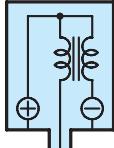
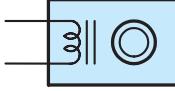
ABBREVIATIONS

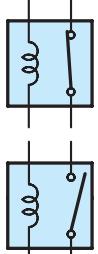
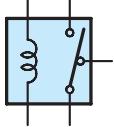
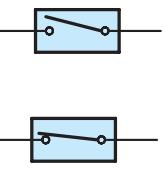
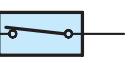
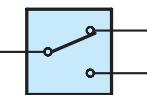
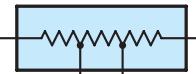
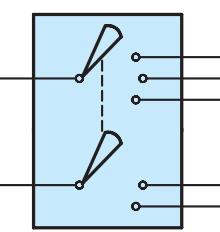
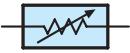
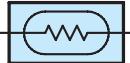
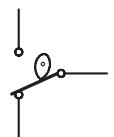
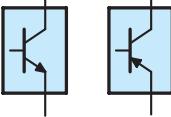
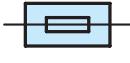
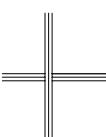
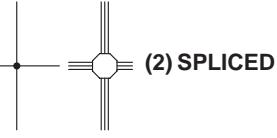
The following abbreviations are used in this manual.

| | | |
|-------|---|-------------------------------------|
| A/C | = | Air Conditioning |
| A/T | = | Automatic Transaxle |
| ABS | = | Anti-Lock Brake System |
| CAN | = | Controller Area Network |
| CPU | = | Central Processing Unit |
| EBD | = | Electronic Brake Force Distribution |
| ECU | = | Electronic Control Unit |
| EPS | = | Electric Motor Power Steering |
| H/B | = | Hatchback Type |
| IC | = | Integrated Circuit |
| J/B | = | Junction Block |
| LED | = | Light Emitting Diode |
| LH | = | Left-Hand |
| M/T | = | Manual Transaxle |
| PTC | = | Positive Temperature Coefficient |
| R/B | = | Relay Block |
| RH | = | Right-Hand |
| S/D | = | Sedan Type |
| SRS | = | Supplemental Restraint System |
| SW | = | Switch |
| TEMP. | = | Temperature |
| VSV | = | Vacuum Switching Valve |
| w/ | = | With |
| w/o | = | Without |

* The titles given inside the components are the names of the terminals (terminal codes) and are not treated as being abbreviations.

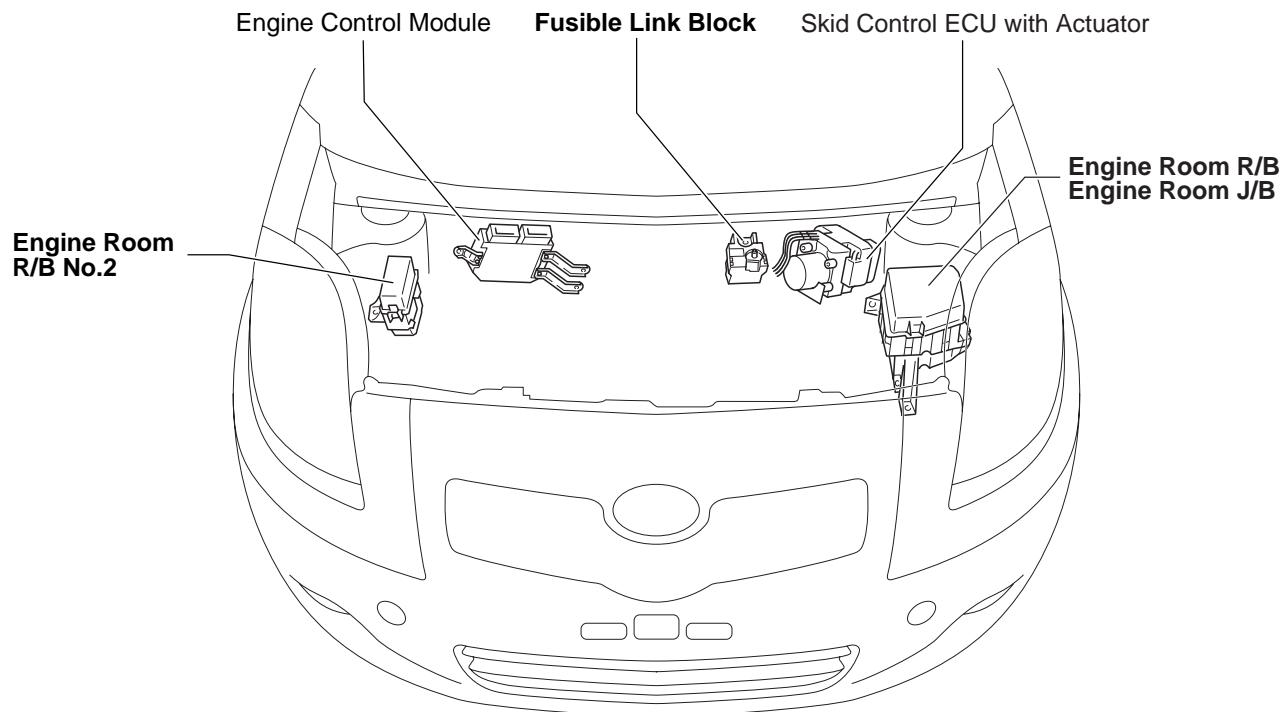
E GLOSSARY OF TERMS AND SYMBOLS

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>BATTERY  Stores chemical energy and converts it into electrical energy. Provides DC current for the auto's various electrical circuits.</p> | <p>GROUND  The point at which wiring attaches to the Body, thereby providing a return path for an electrical circuit; without a ground, current cannot flow.</p> |
| <p>CAPACITOR (Condenser)  A small holding unit for temporary storage of electrical voltage.</p> | <p>HEADLIGHTS  1. SINGLE FILAMENT 2. DOUBLE FILAMENT Current flow causes a headlight filament to heat up and emit light. A headlight may have either a single (1) filament or a double (2) filament</p> |
| <p>CIGARETTE LIGHTER  An electric resistance heating element.</p> | <p>HORN  An electric device which sounds a loud audible signal.</p> |
| <p>CIRCUIT BREAKER  Basically a reusable fuse, a circuit breaker will heat and open if too much current flows through it. Some units automatically reset when cool, others must be manually reset.</p> | <p>IGNITION COIL  Converts low-voltage DC current into high-voltage ignition current for firing the spark plugs.</p> |
| <p>DIODE  A semiconductor which allows current flow in only one direction.</p> | <p>LIGHT  Current flow through a filament causes the filament to heat up and emit light.</p> |
| <p>DIODE, ZENER  A diode which allows current flow in one direction but blocks reverse flow only up to a specific voltage. Above that potential, it passes the excess voltage. This acts as a simple voltage regulator.</p> | <p>PHOTODIODE  The photodiode is a semiconductor which controls the current flow according to the amount of light.</p> |
| <p>DISTRIBUTOR, IIA  Channels high-voltage current from the ignition coil to the individual spark plugs.</p> | <p>LED (LIGHT EMITTING DIODE)  Upon current flow, these diodes emit light without producing the heat of a comparable light.</p> |
| <p>FUSE  A thin metal strip which burns through when too much current flows through it, thereby stopping current flow and protecting a circuit from damage.</p> <p>FUSIBLE LINK  (for Medium Current Fuse) A heavy-gauge wire placed in high amperage circuits which burns through on overloads, thereby protecting the circuit. The numbers indicate the crosssection surface area of the wires.</p> <p>FUSE  (for High Current Fuse or Fusible Link)</p> | <p>METER, ANALOG  Current flow activates a magnetic coil which causes a needle to move, thereby providing a relative display against a background calibration.</p> |
| <p>FUEL </p> | <p>METER, DIGITAL  Current flow activates one or many LED's, LCD's, or fluorescent displays, which provide a relative or digital display.</p> |
| <p>MOTOR  A power unit which converts electrical energy into mechanical energy, especially rotary motion.</p> | |

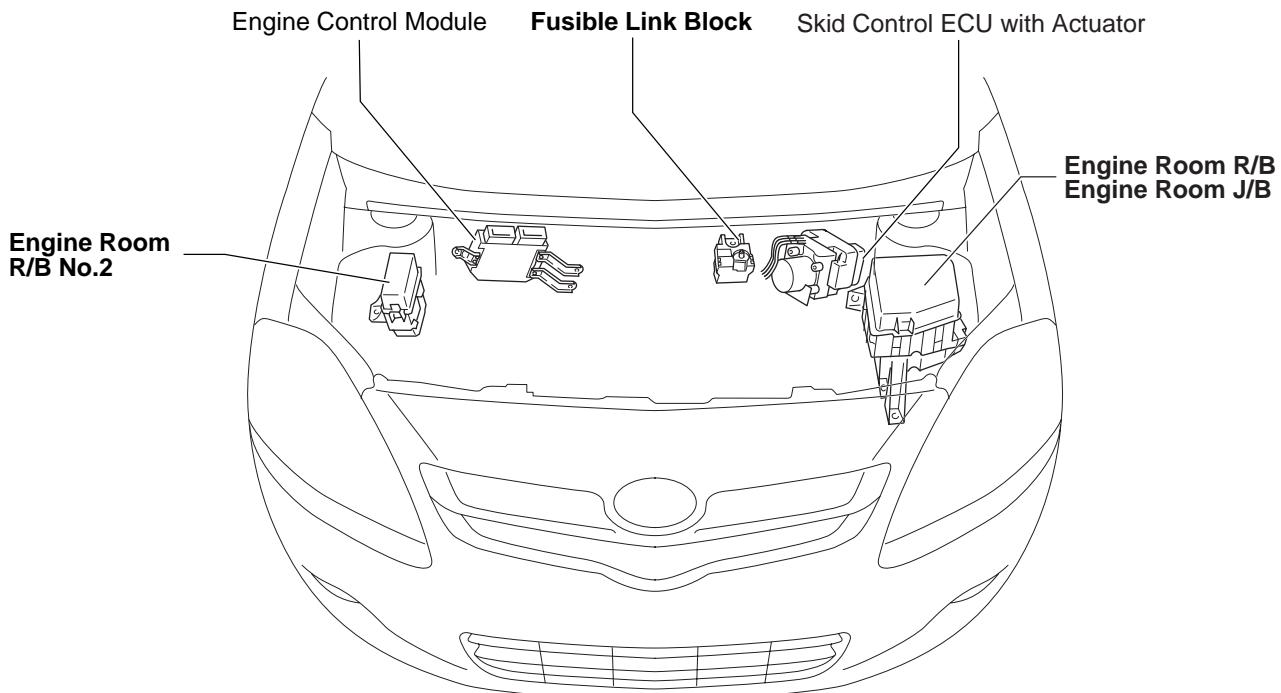
| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>RELAY  1. NORMALLY CLOSED Basically, an electrically operated switch which may be normally closed (1) or open (2). Current flow through a small coil creates a magnetic field which either opens or closes an attached switch. 2. NORMALLY OPEN</p> | <p>SPEAKER  An electromechanical device which creates sound waves from current flow.</p> |
| <p>RELAY, DOUBLE THROW  A relay which passes current through one set of contacts or the other.</p> | <p>SWITCH, MANUAL  1. NORMALLY OPEN  2. NORMALLY CLOSED</p> |
| <p>RESISTOR  An electrical component with a fixed resistance, placed in a circuit to reduce voltage to a specific value.</p> | <p>SWITCH, DOUBLE THROW  A switch which continuously passes current through one set of contacts or the other.</p> |
| <p>RESISTOR, TAPPED  A resistor which supplies two or more different non adjustable resistance values.</p> | <p>SWITCH, IGNITION  A key operated switch with several positions which allows various circuits, particularly the primary ignition circuit, to become operational.</p> |
| <p>RESISTOR, VARIABLE or RHEOSTAT  A controllable resistor with a variable rate of resistance. Also called a potentiometer or rheostat.</p> | |
| <p>SENSOR (Thermistor)  A resistor which varies its resistance with temperature.</p> | <p>SWITCH, WIPER PARK  Automatically returns wipers to the stop position when the wiper switch is turned off.</p> |
| <p>SENSOR, SPEED  (Reed Switch Type) Uses magnetic impulses to open and close a switch to create a signal for activation of other components.</p> | <p>TRANSISTOR  A solidstate device typically used as an electronic relay; stops or passes current depending on the voltage applied at "base".</p> |
| <p>SHORT PIN  Used to provide an unbroken connection within a junction block.</p> | <p>WIRES  (1) NOT CONNECTED Wires are always drawn as straight lines on wiring diagrams. Crossed wires (1) without a black dot at the junction are not joined;</p> |
| <p>SOLENOID  An electromagnetic coil which forms a magnetic field when current flows, to move a plunger, etc.</p> | <p>(2) SPLICED  crossed wires (2) with a black dot or octagonal (○) mark at the junction are spliced (joined) connections.</p> |

F RELAY LOCATIONS

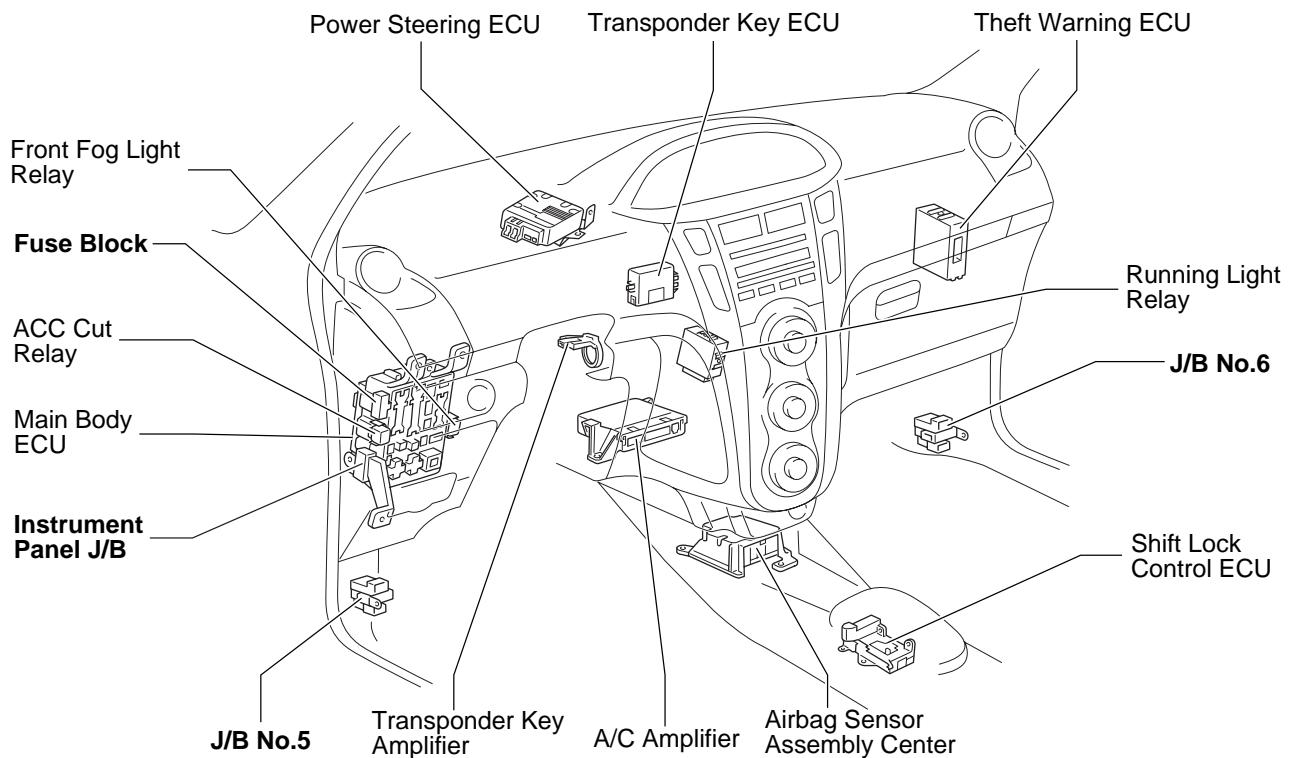
[Engine Compartment] (H/B)



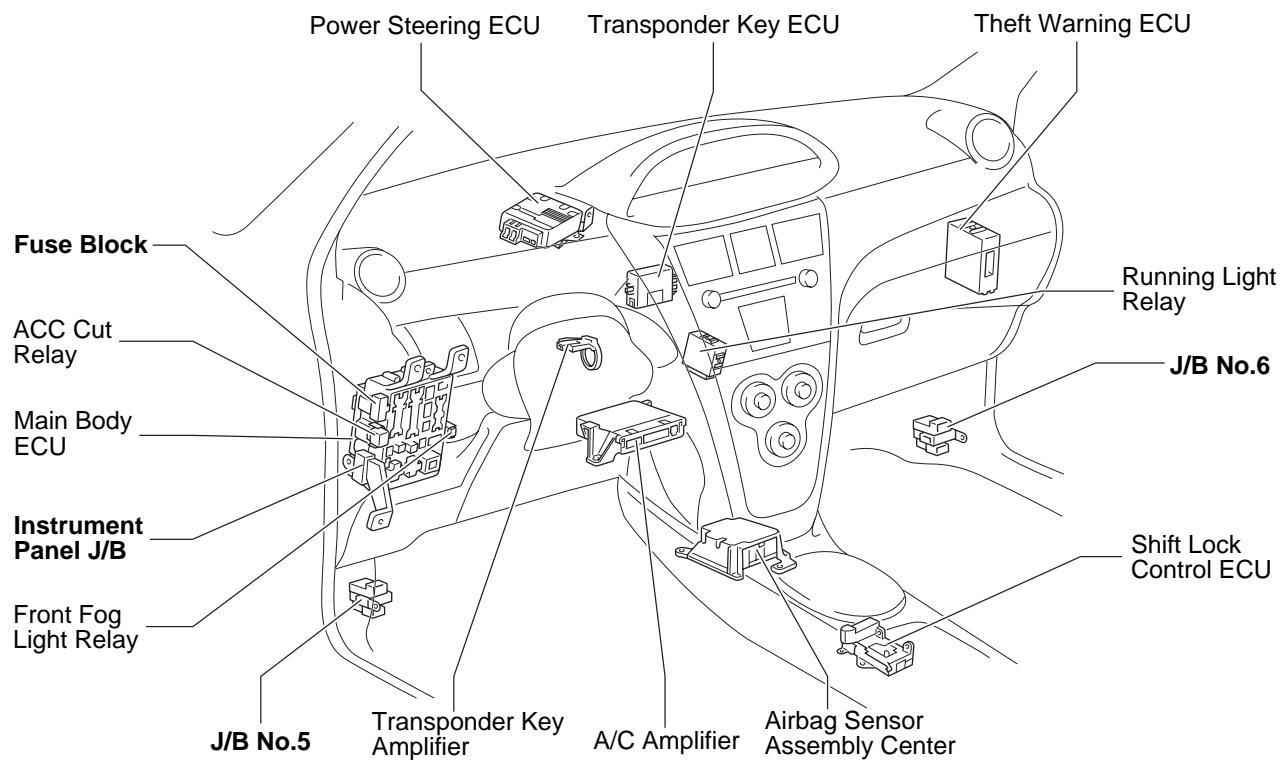
(S/D)



[Instrument Panel] (H/B)

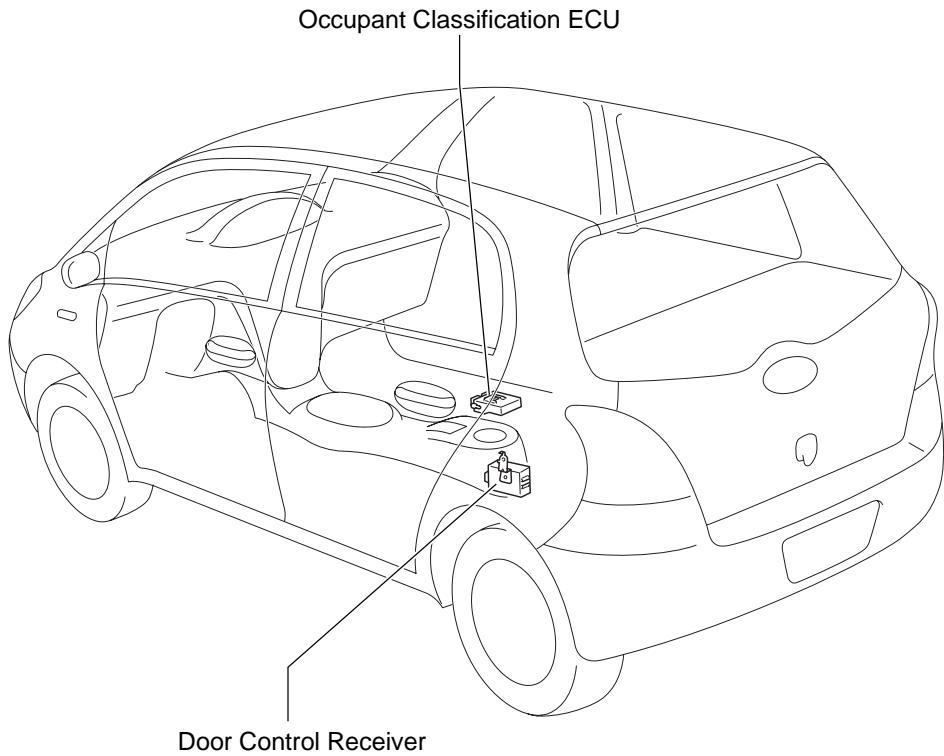


(S/D)

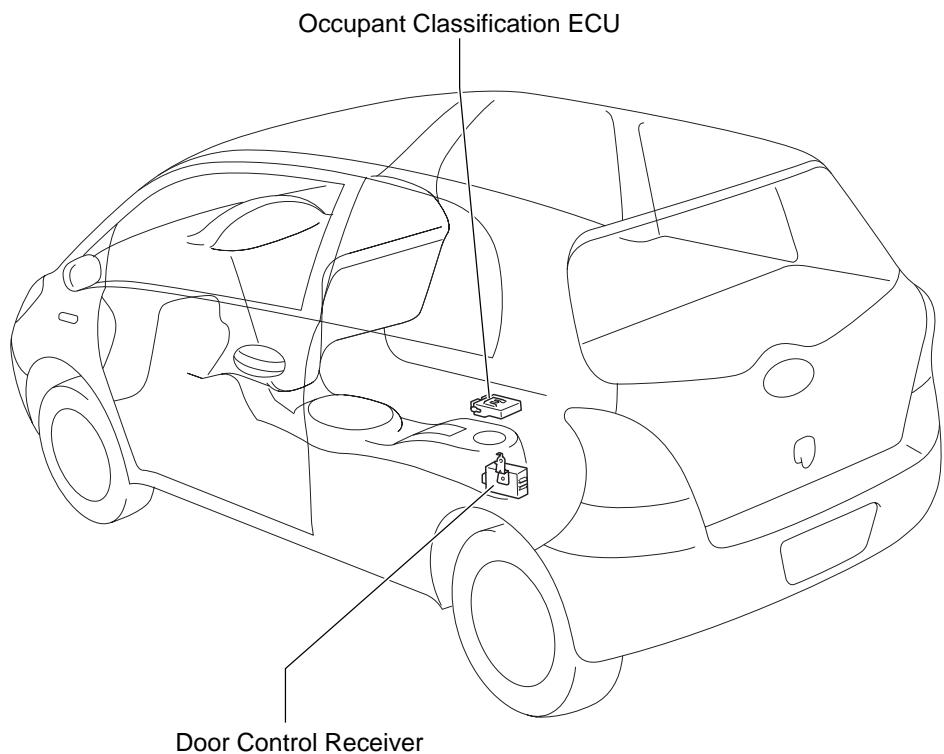


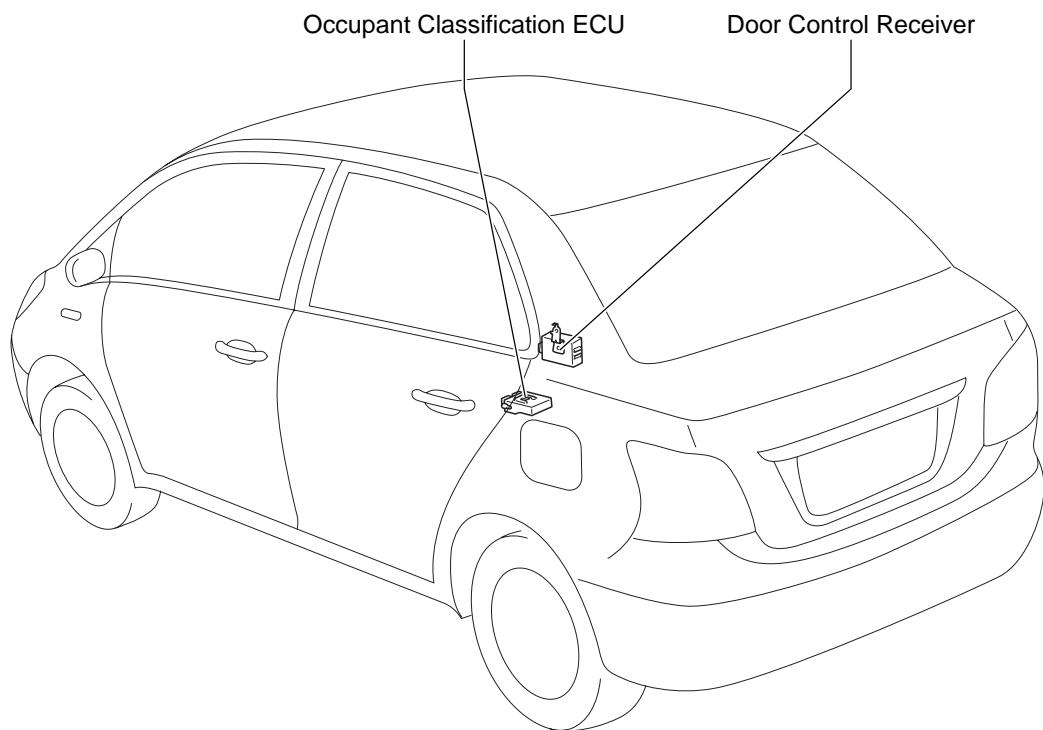
F RELAY LOCATIONS

**[Body]
(5-Door)**



(3-Door)



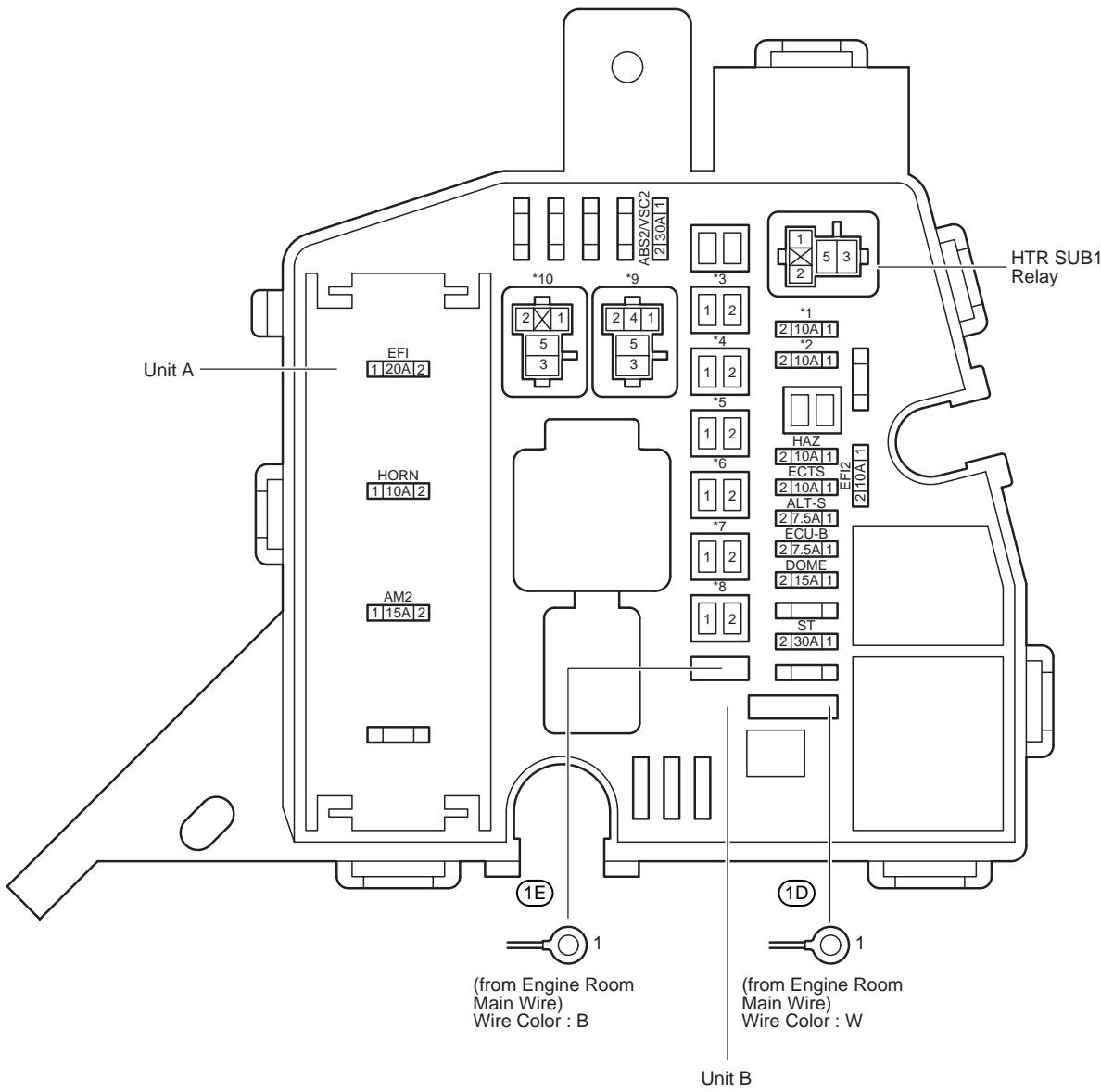
(4-Door)

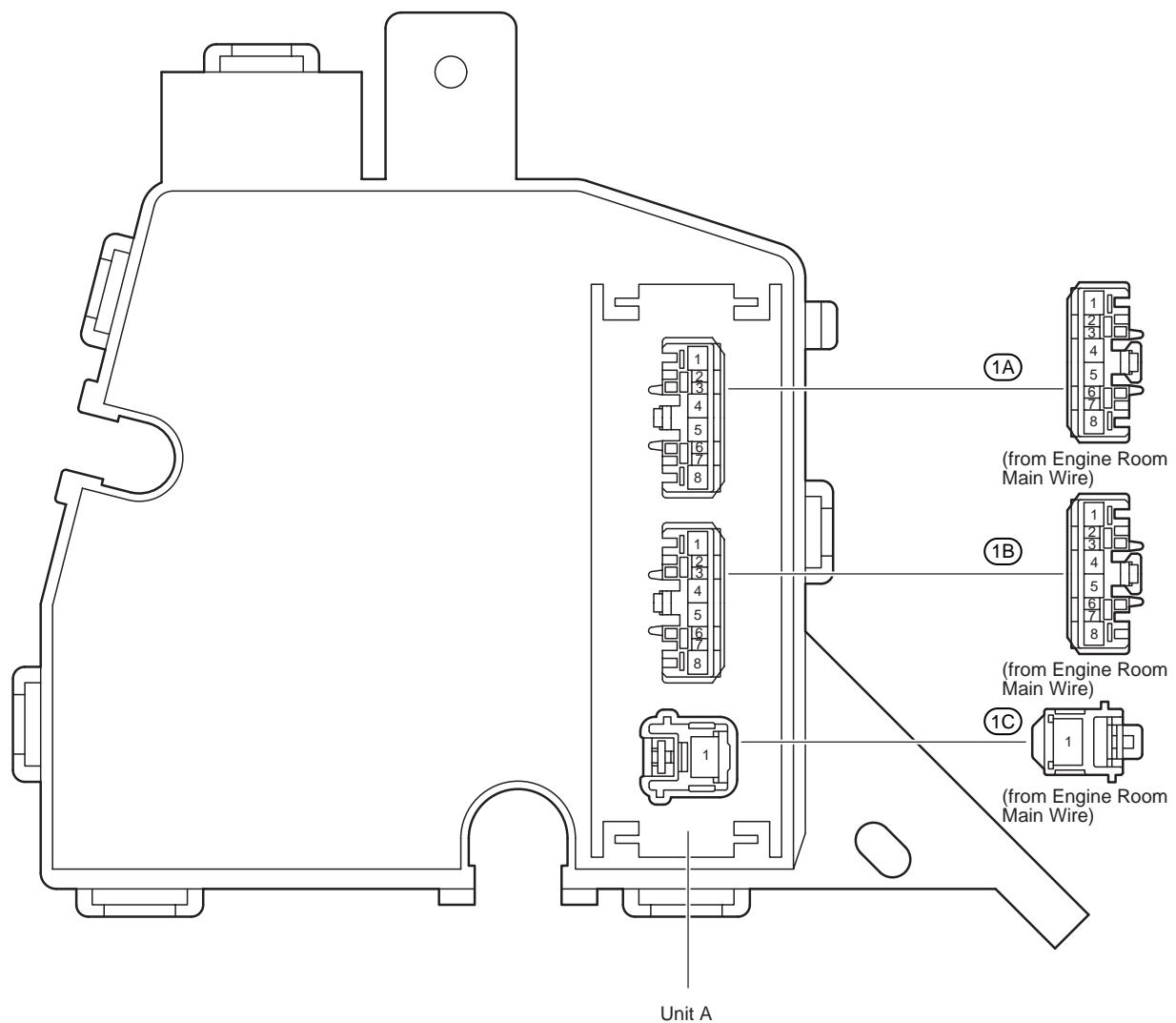
F RELAY LOCATIONS

| | |
|-----------------------|--|
| (○) : Engine Room R/B | |
| (□) : Engine Room J/B | |

Engine Compartment Left (See Page 20)

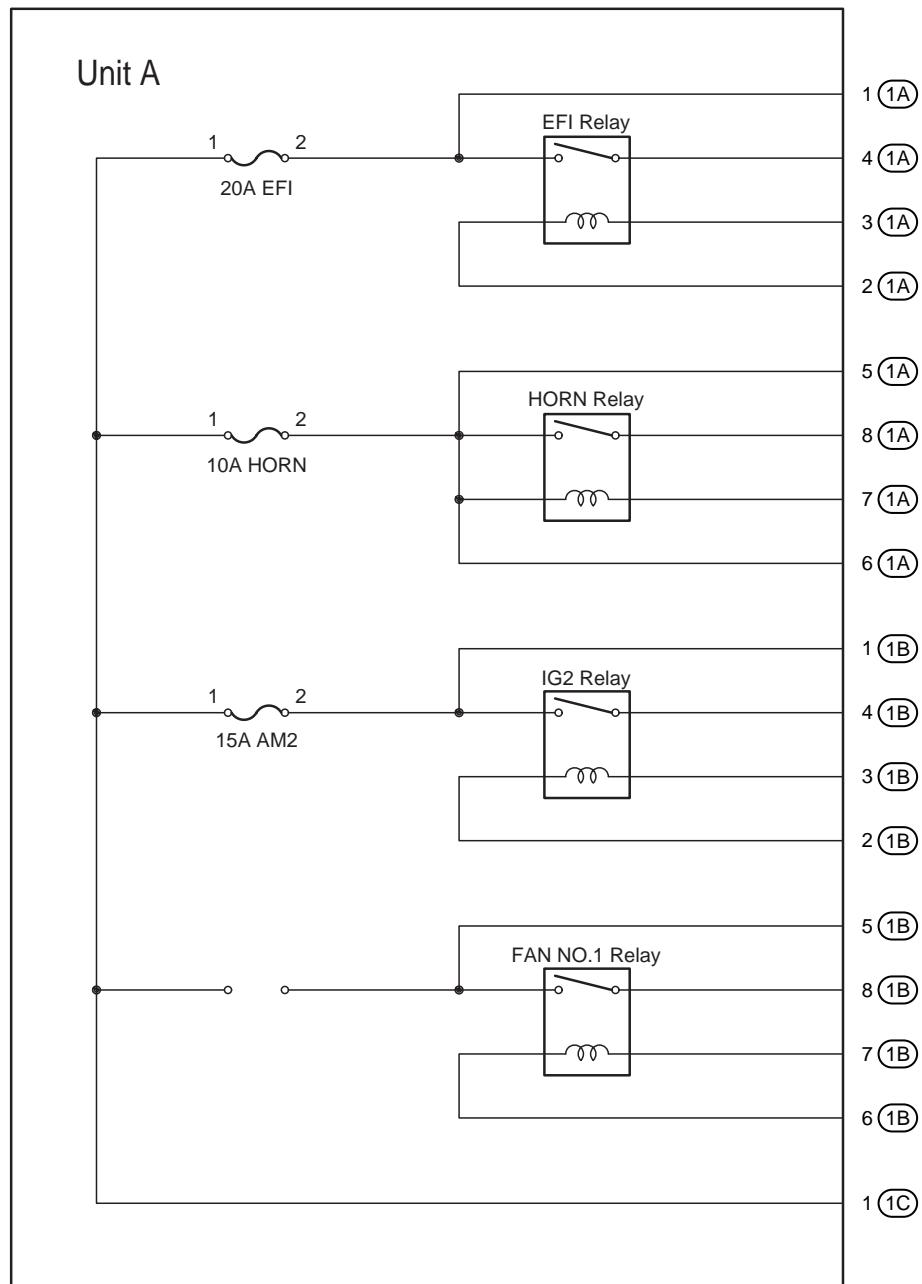
- * 1:H-LP LH/H-LP LO LH
- * 2:H-LP RH/H-LP LO RH
- * 3:30A HTR SUB1 (for High Current)
- * 4:30A RDI (for High Current)
- * 5:40A HTR (for High Current)
- * 6:50A ABS1/VSC1 (for High Current)
- * 7:50A EPS (for High Current)
- * 8:40A HTR SUB2 (for High Current)
- * 9:FAN NO.2 Relay
- * 10:ST Relay

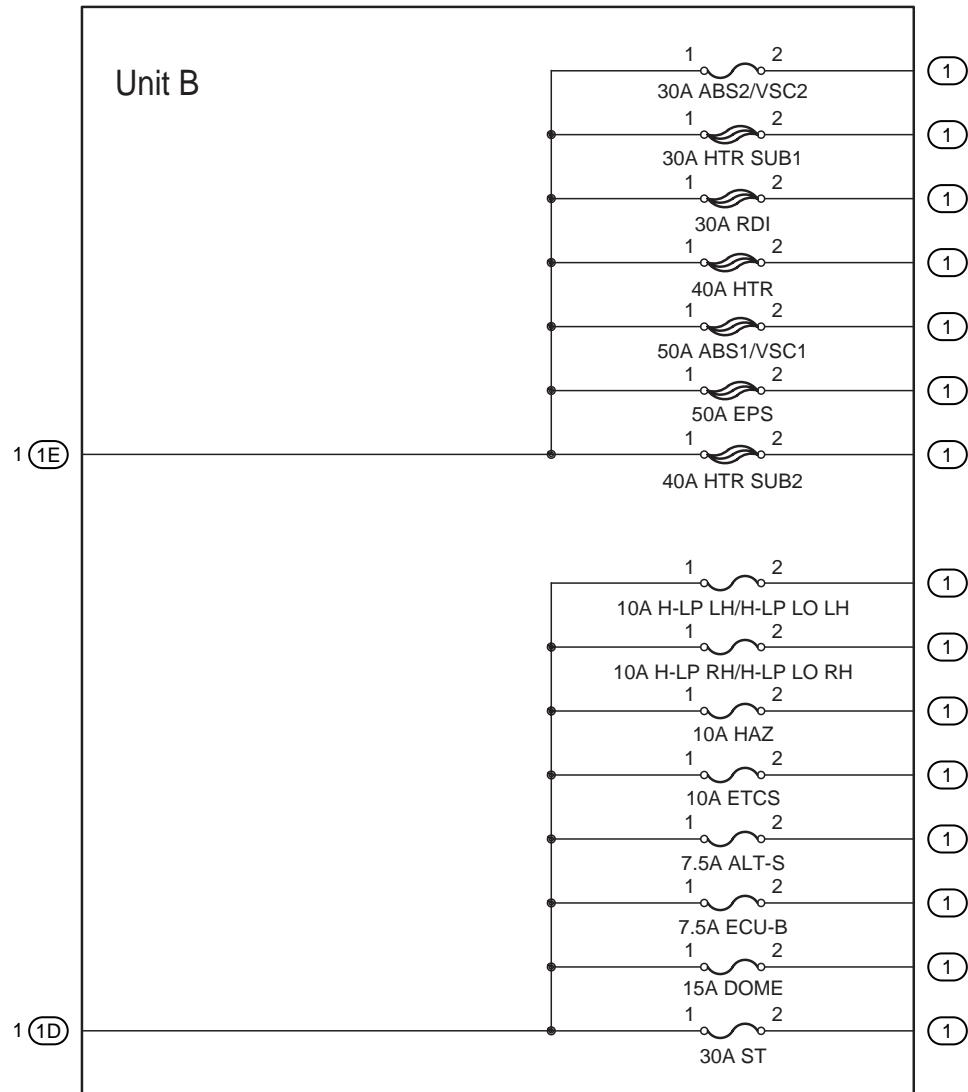




F RELAY LOCATIONS

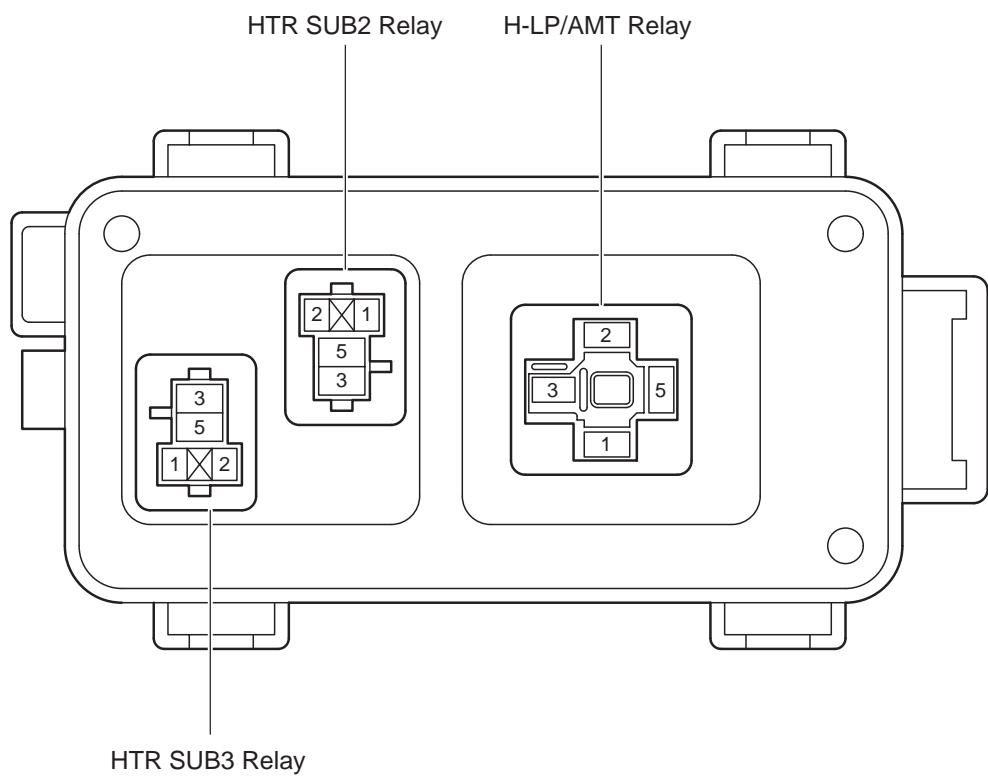
[Engine Room R/B and Engine Room J/B Inner Circuit]





F RELAY LOCATIONS

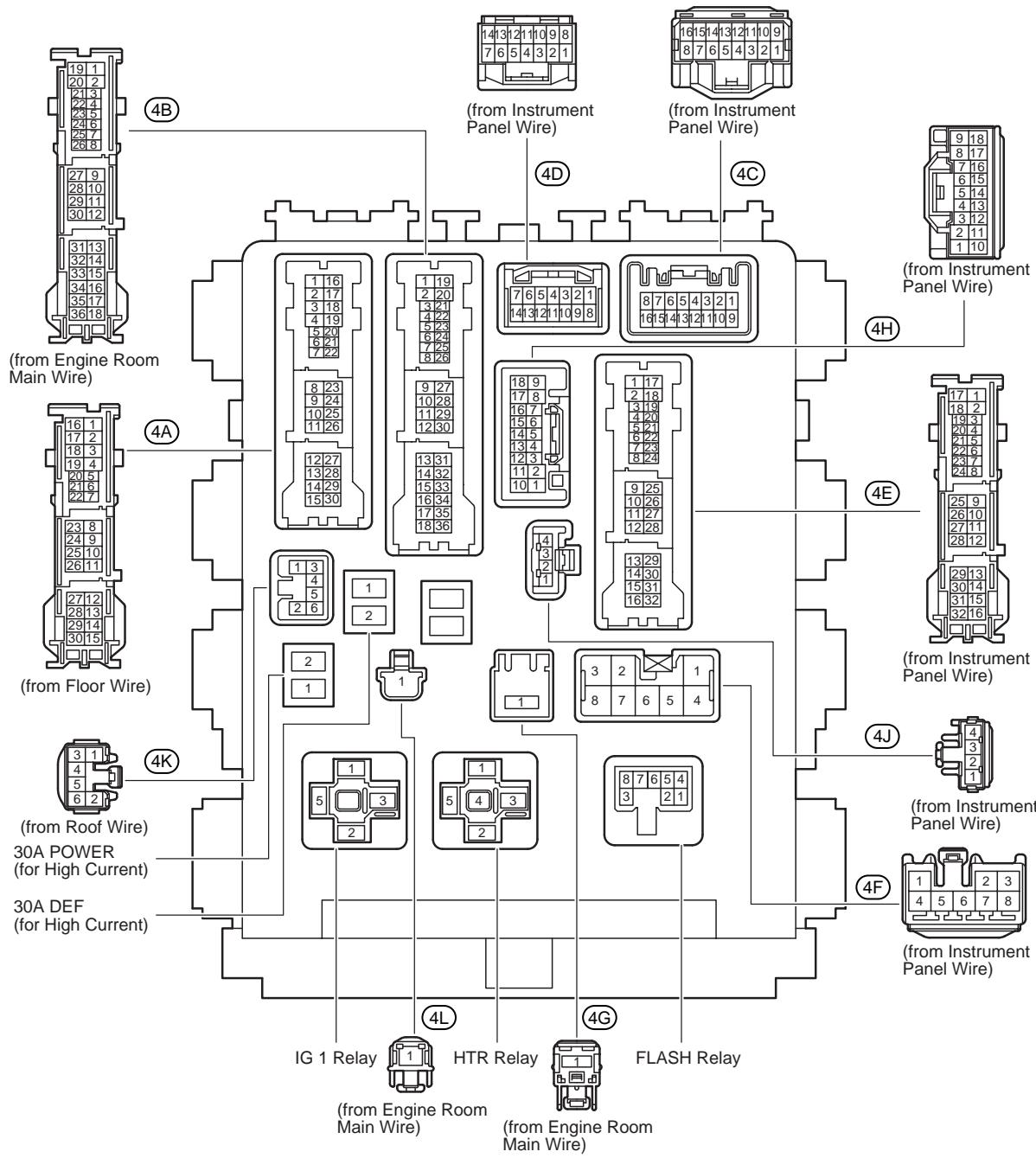
② : Engine Room R/B No.2 | Engine Compartment Right (See Page 20)

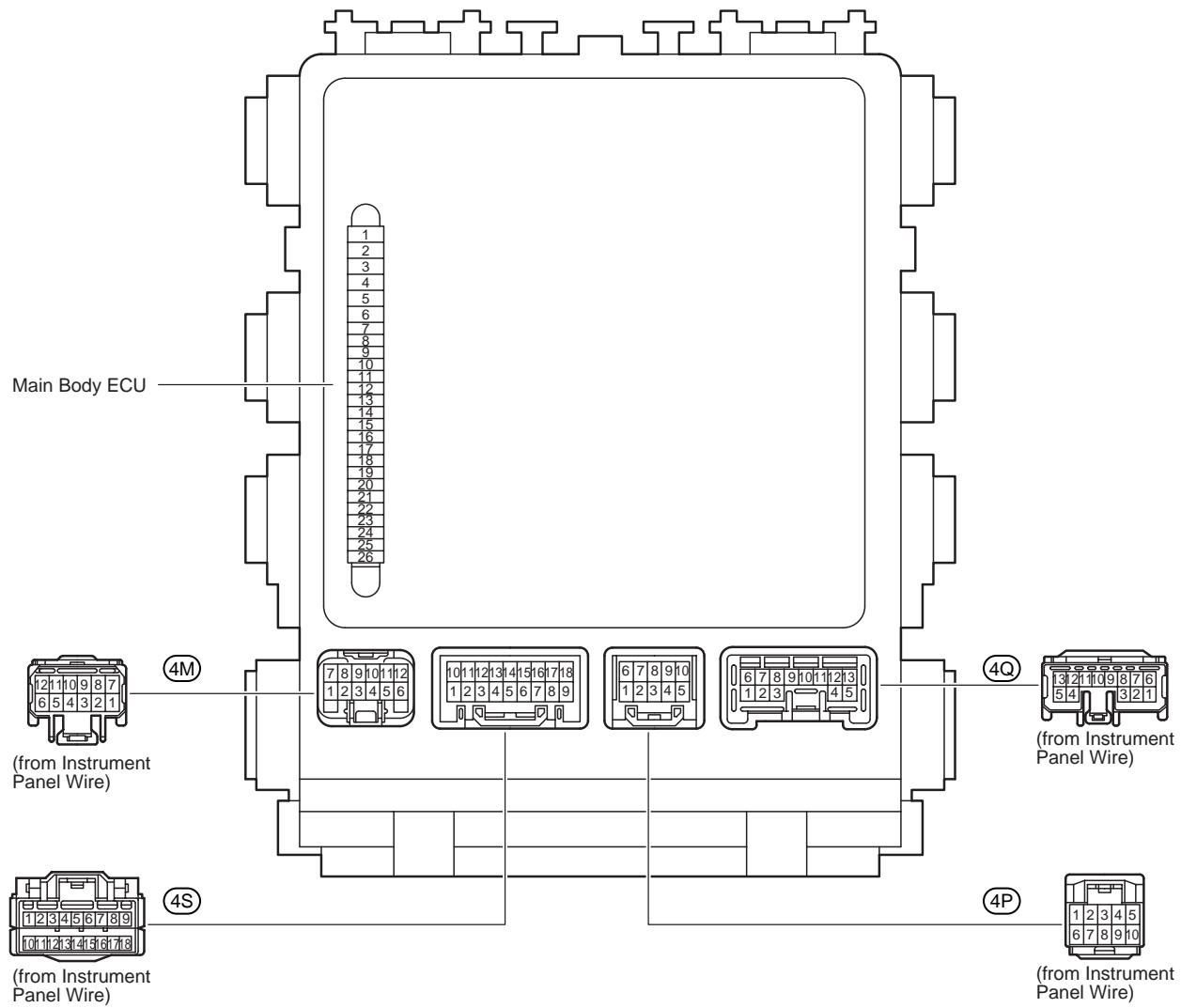


F RELAY LOCATIONS

 : Instrument Panel J/B

Lower Finish Panel (See Page 21)





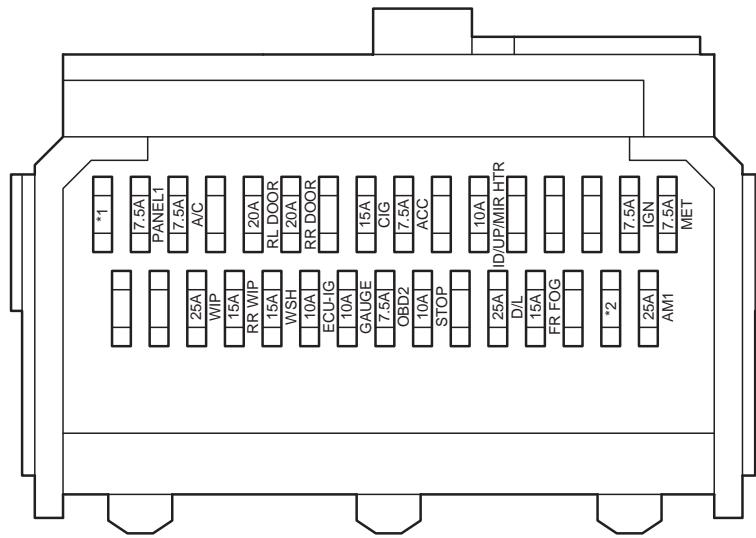
F RELAY LOCATIONS



: Instrument Panel J/B

Lower Finish Panel (See Page 21)

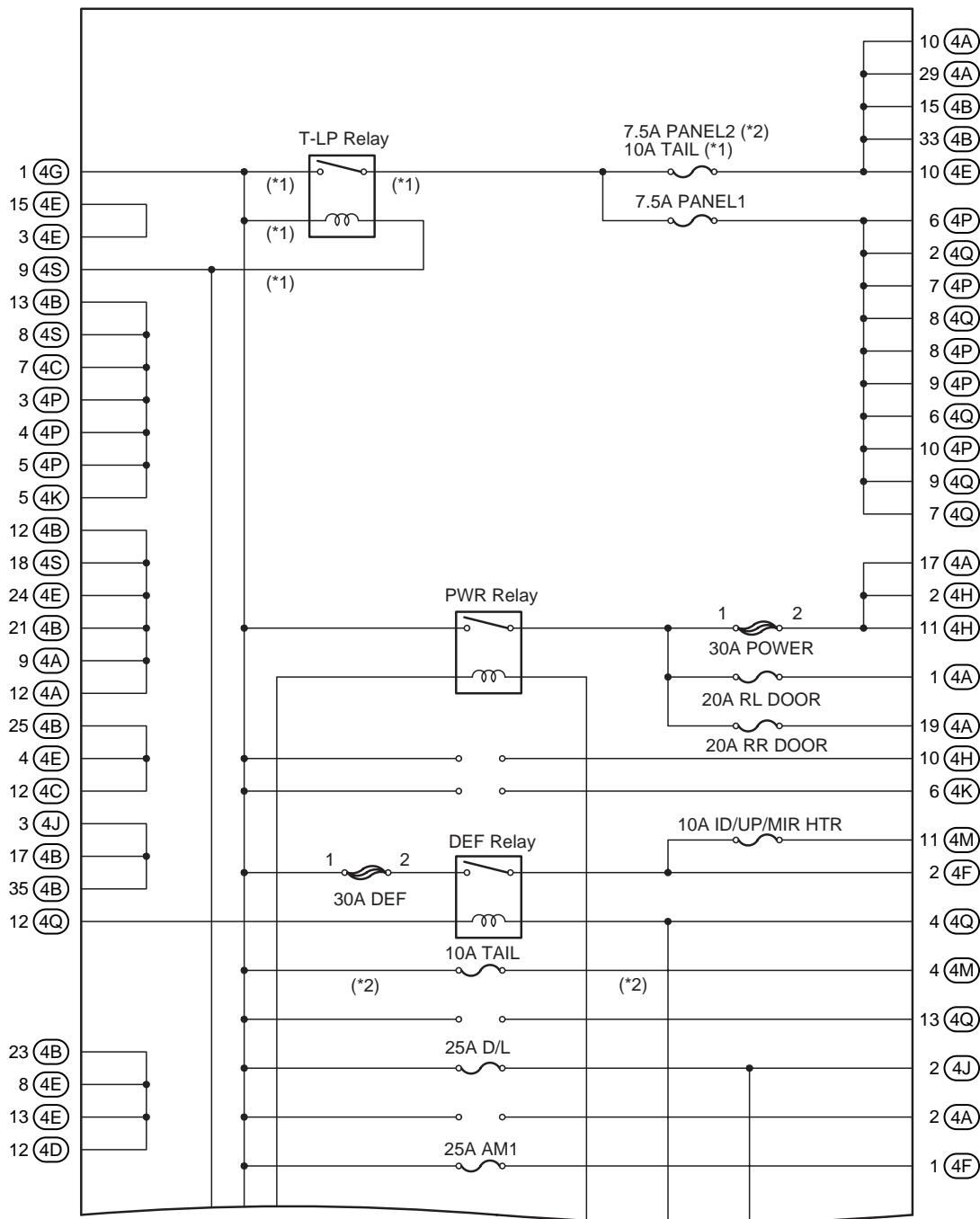
- * 1:10A TAIL (H/B, S/D *3)
7.5A PANEL 2 (*4)
- * 2:10A TAIL (*4)
- * 3:Cold Area Spec., w/ Engine Immobiliser System, w/ ABS, w/ Rear Window Defogger, w/ Door Lock Control, w/ Daytime Running Light, w/ Remote Control Mirror, w/ Air Conditioning
- * 4:Except H/B, S/D *3



F RELAY LOCATIONS

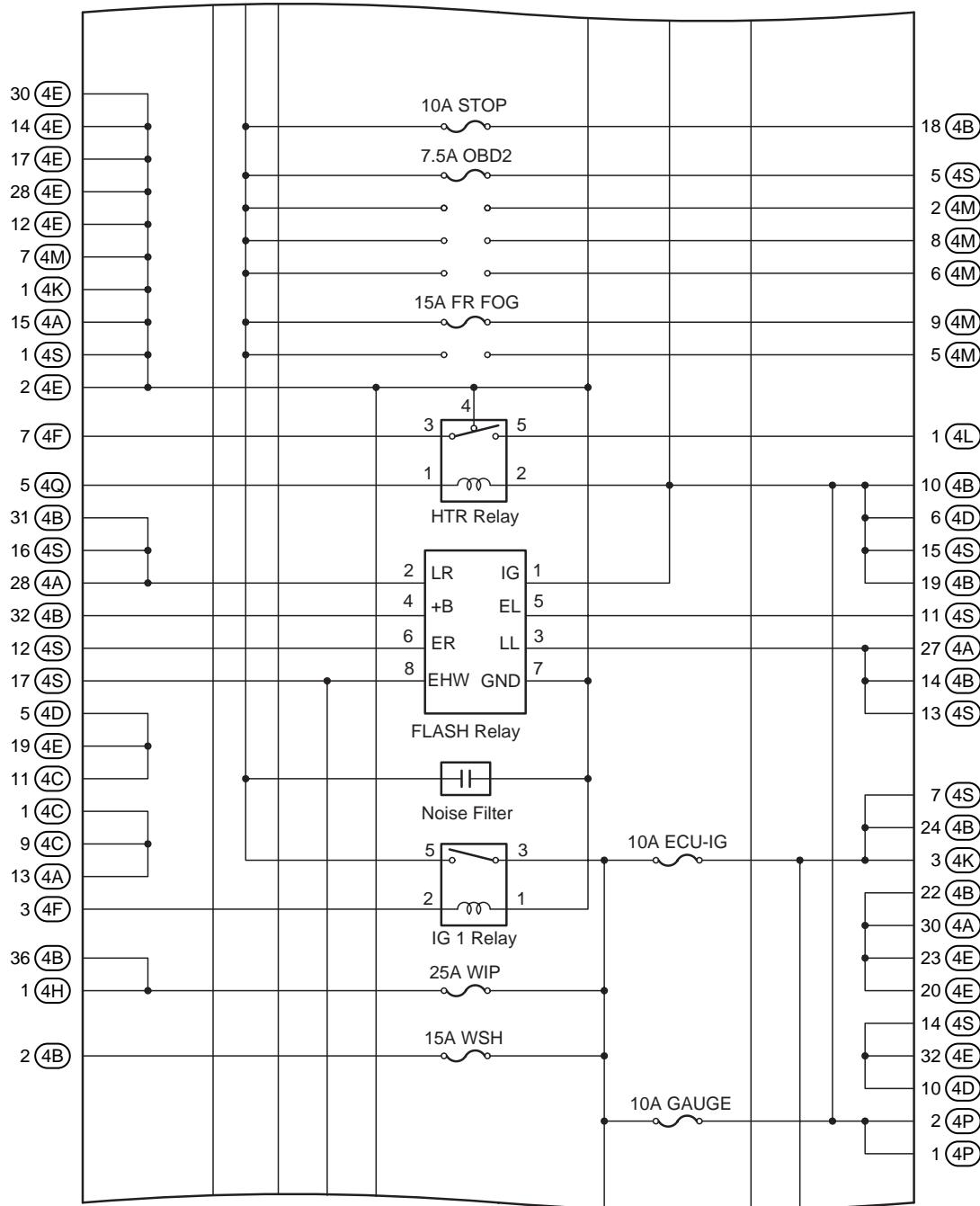
[Instrument Panel J/B Inner Circuit]

* 1:H/B, S/D *3
 * 2:Except *1
 * 3:Cold Area Spec., w/ Engine Immobiliser System, w/ ABS, w/ Rear Window Defogger,
 w/ Door Lock Control, w/ Daytime Running Light, w/ Remote Control Mirror, w/ Air Conditioning



(Cont. Next Page)

(Cont'd)

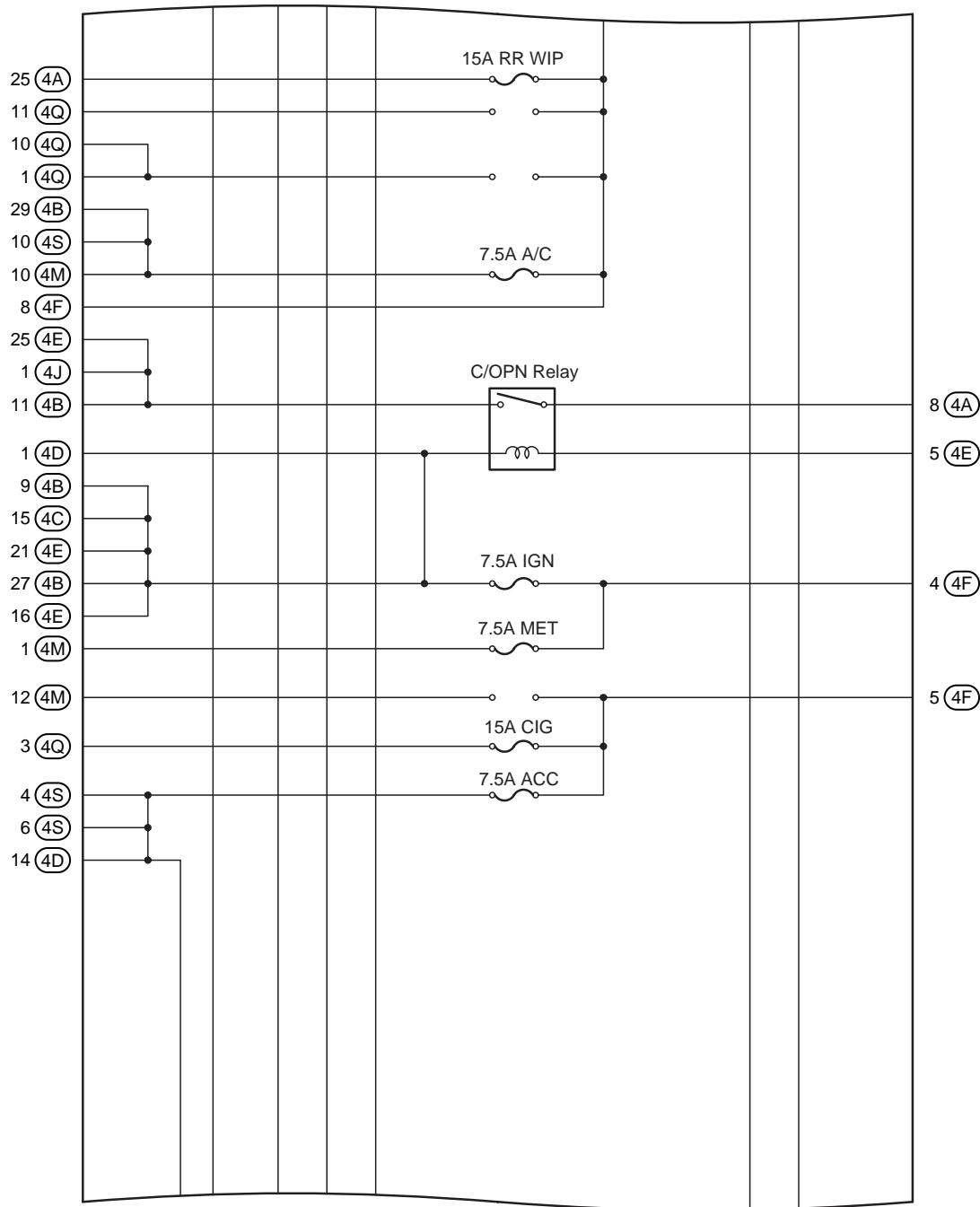


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F RELAY LOCATIONS

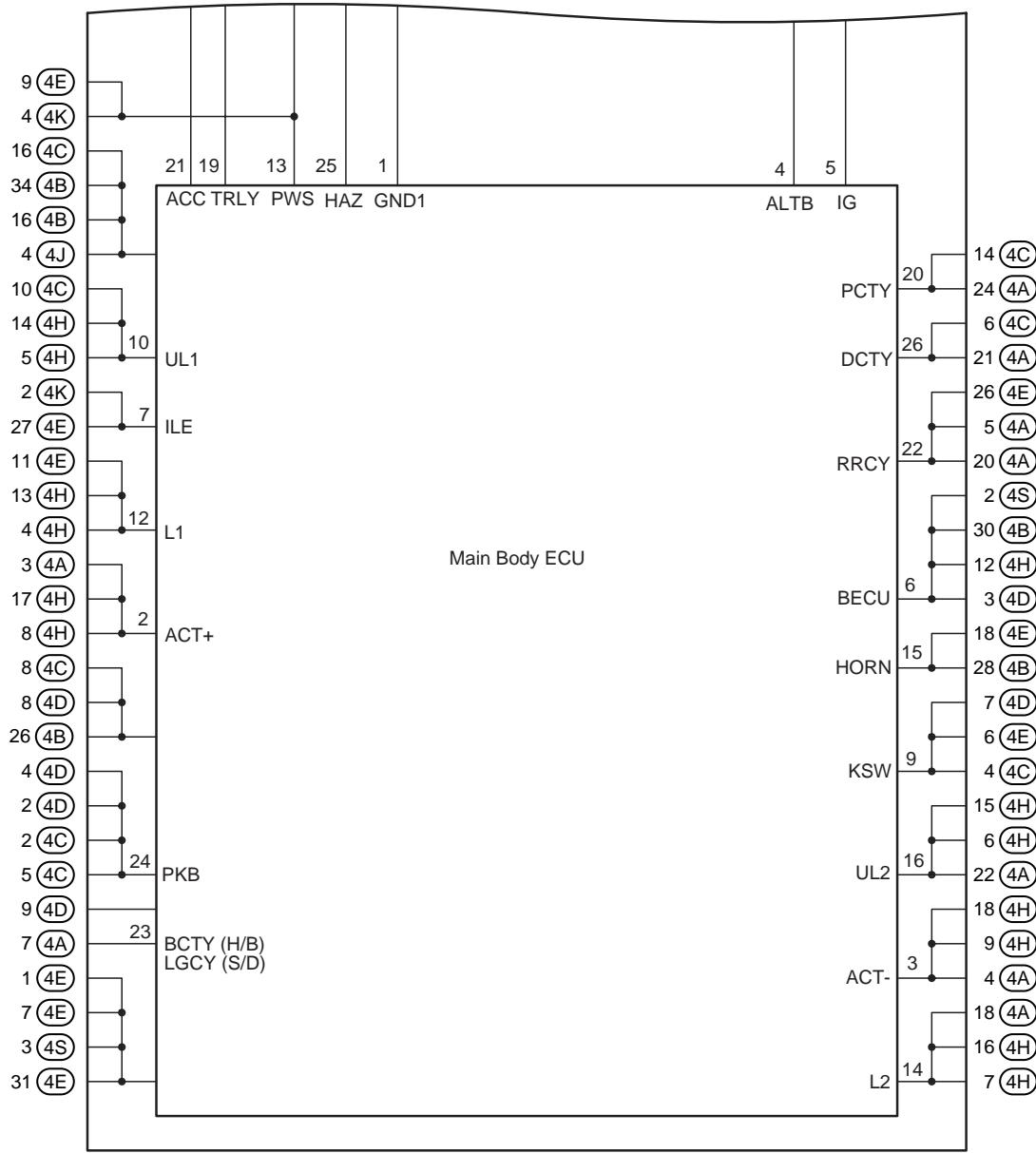
[Instrument Panel J/B Inner Circuit]

(Cont'd)



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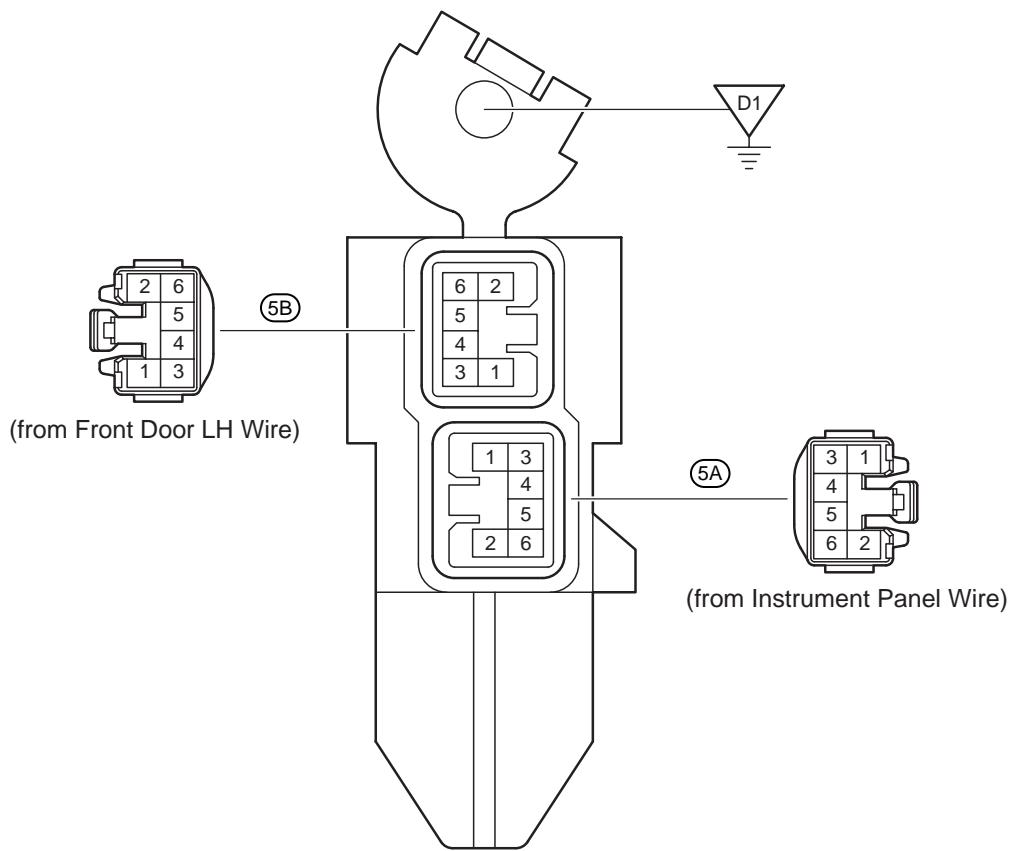
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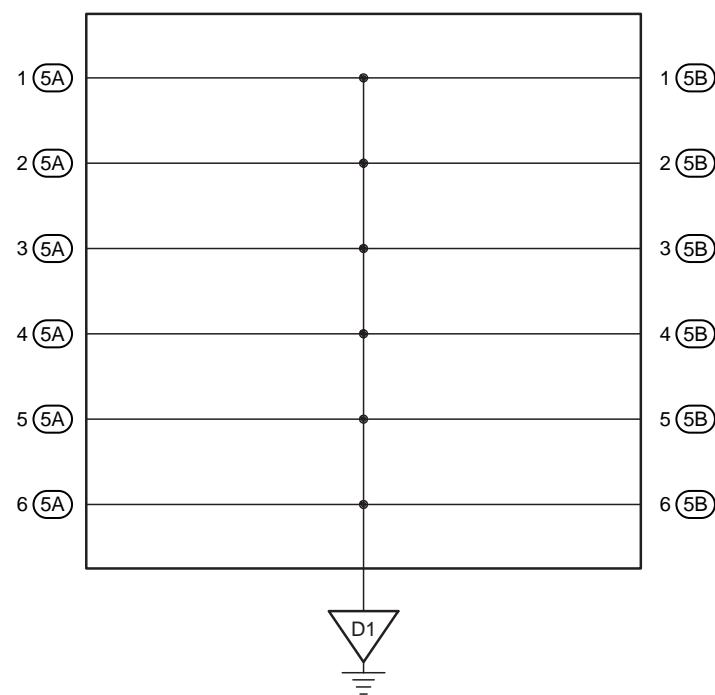


F RELAY LOCATIONS

○ : J/B No.5

Left Kick Panel (See Page 21)

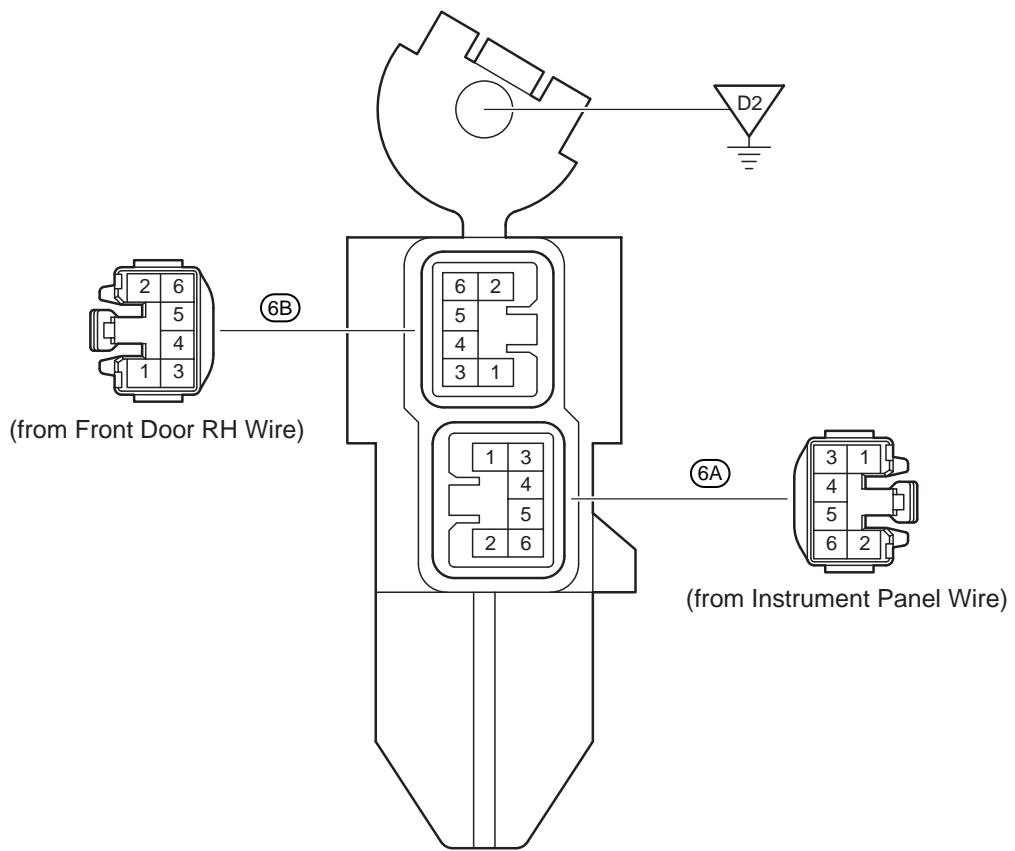


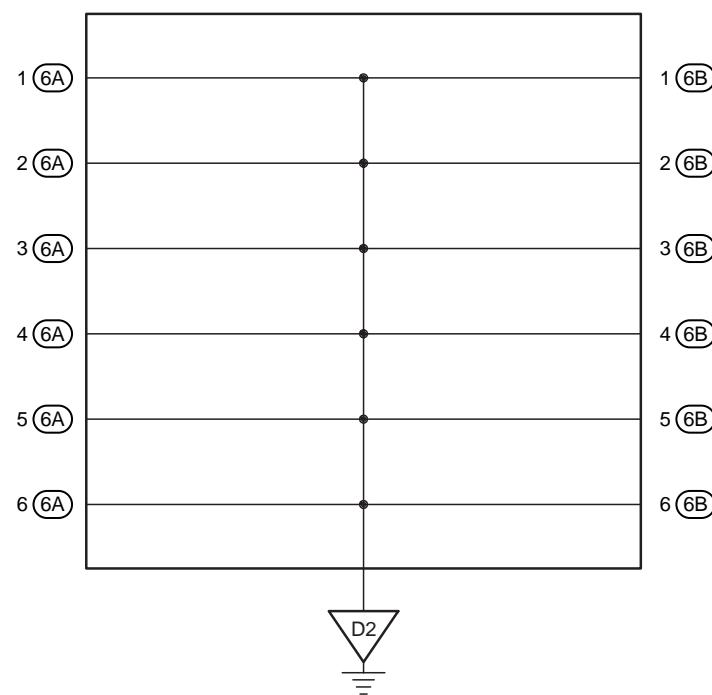
[J/B No.5 Inner Circuit]

F RELAY LOCATIONS

○ : J/B No.6

Right Kick Panel (See Page 21)

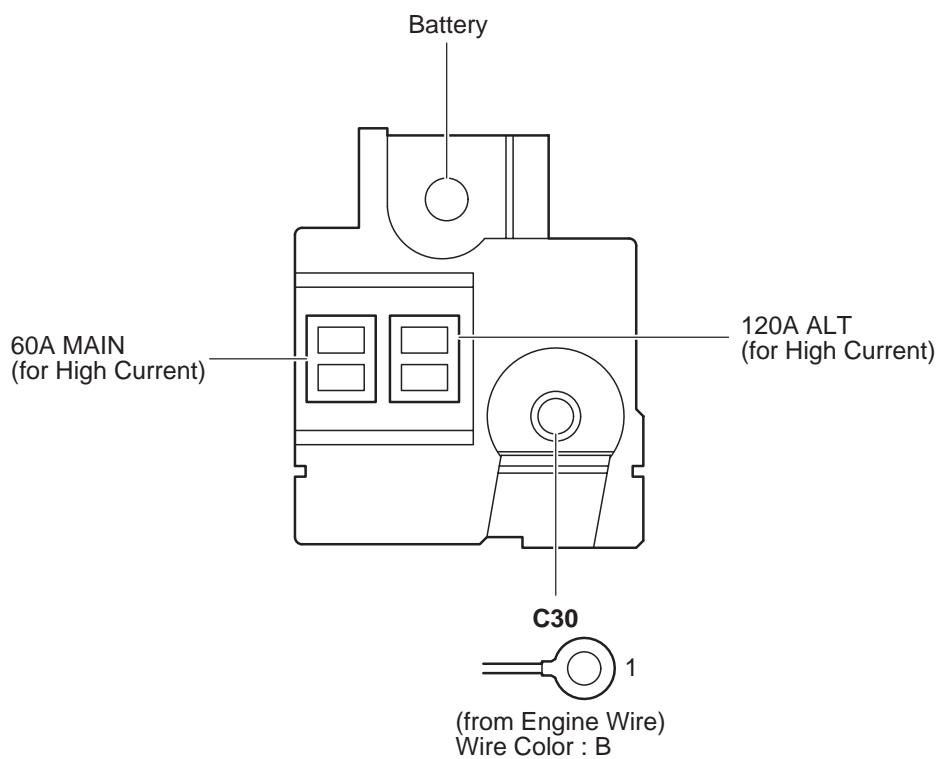


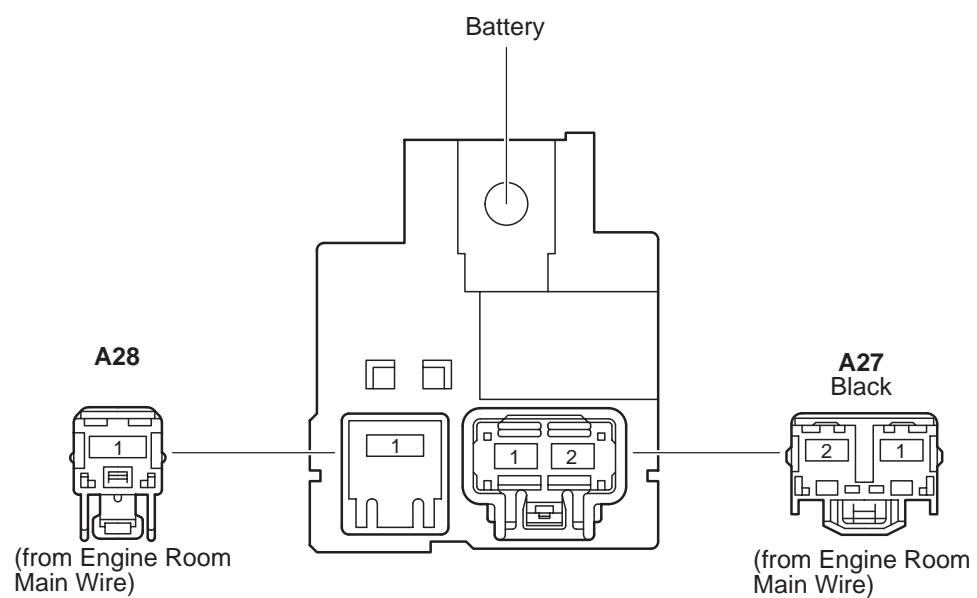
[J/B No.6 Inner Circuit]

F RELAY LOCATIONS

Fusible Link Block

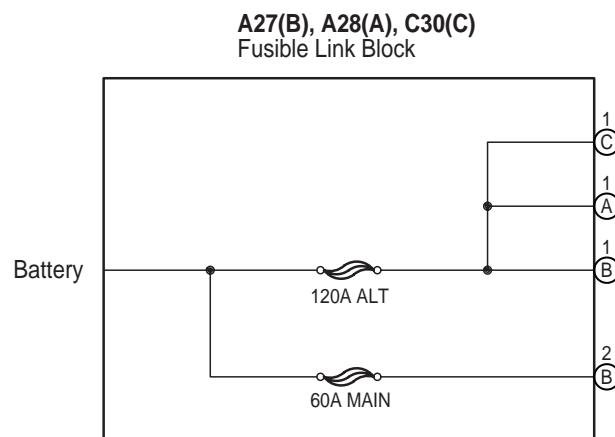
Near the Battery (See Page 20)

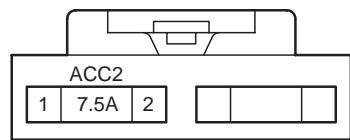




F RELAY LOCATIONS

[Fusible Link Block Inner Circuit]

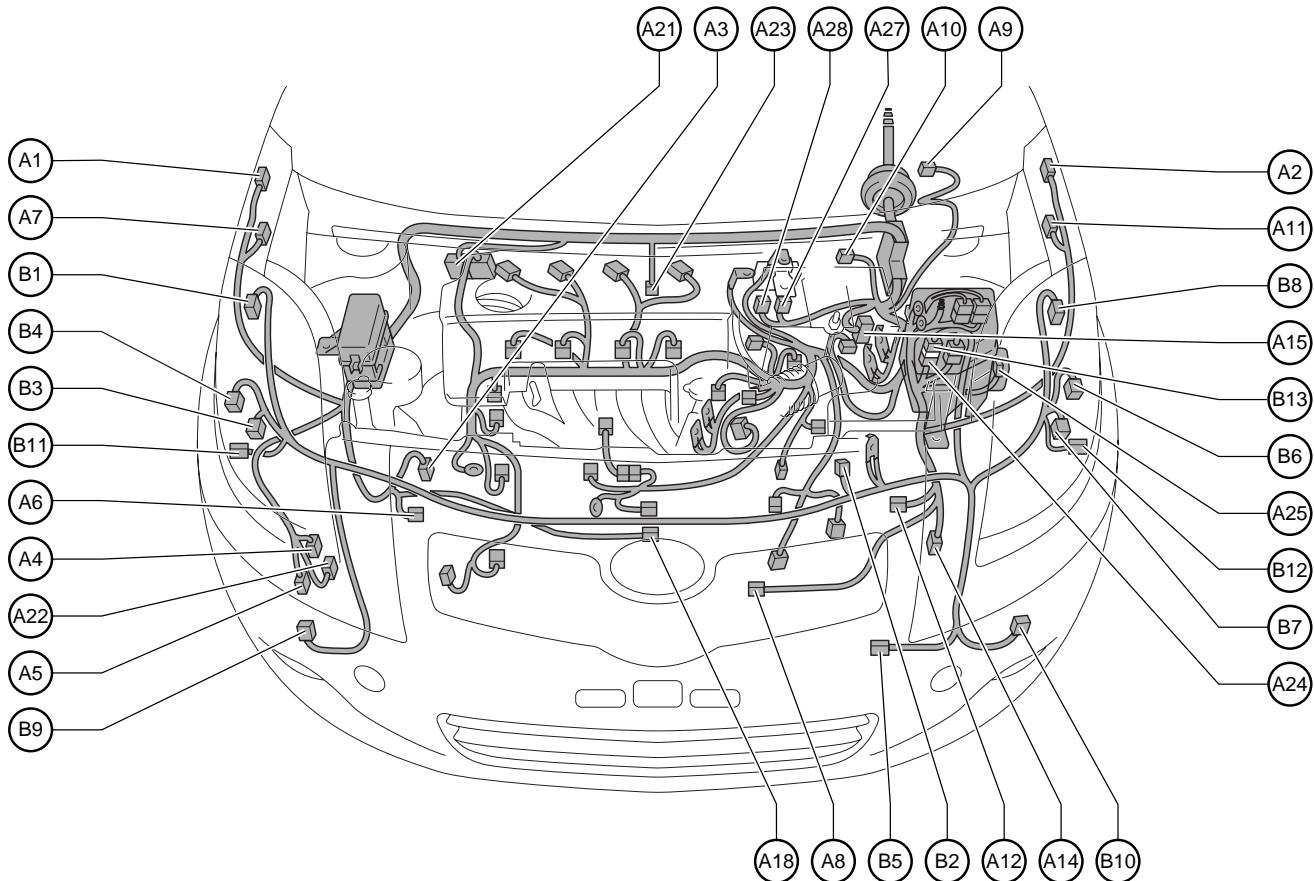


Fuse Block**Near the Instrument Panel J/B (See Page 21)**

G ELECTRICAL WIRING ROUTING

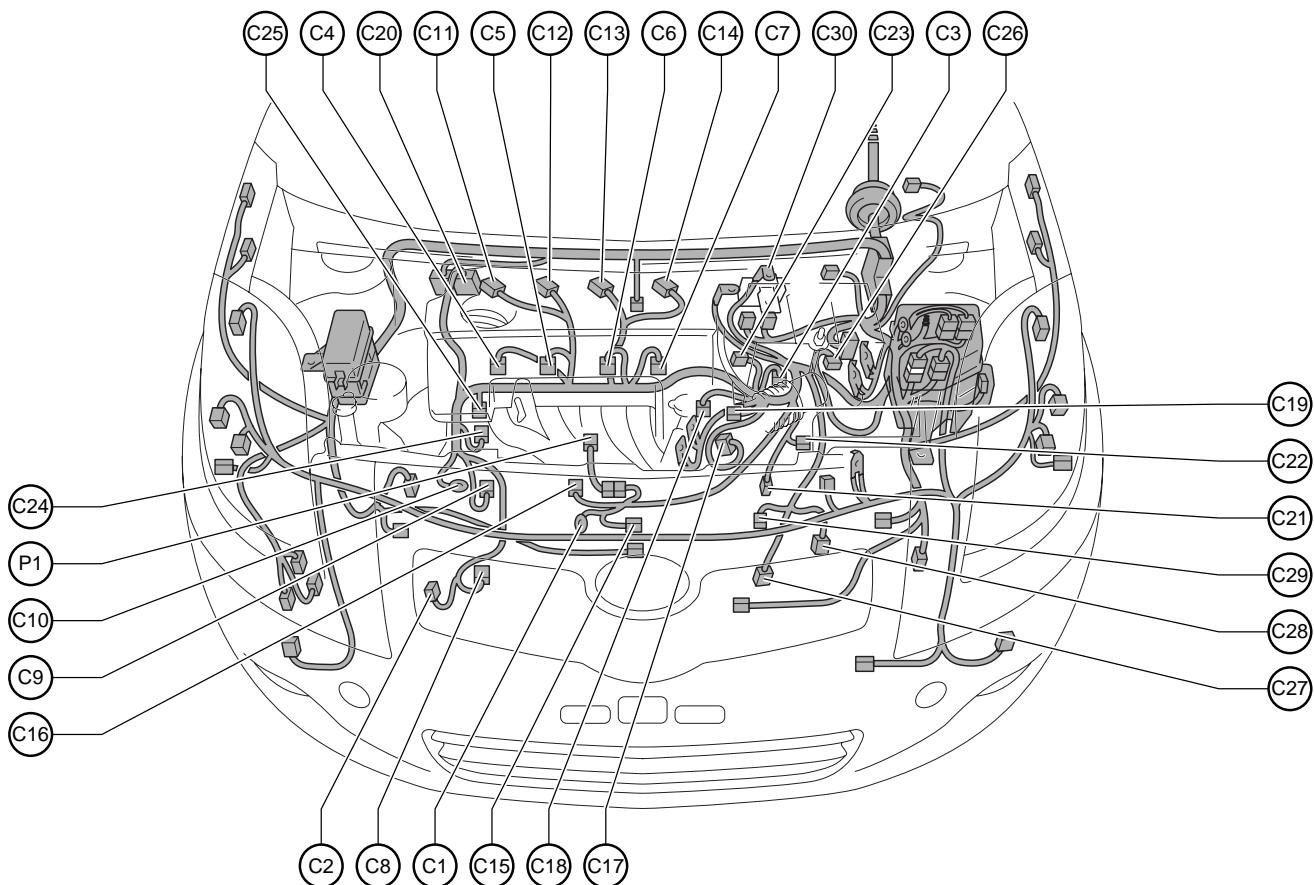
Position of Parts in Engine Compartment

[H/B]



Position of Parts in Engine Compartment

[H/B]



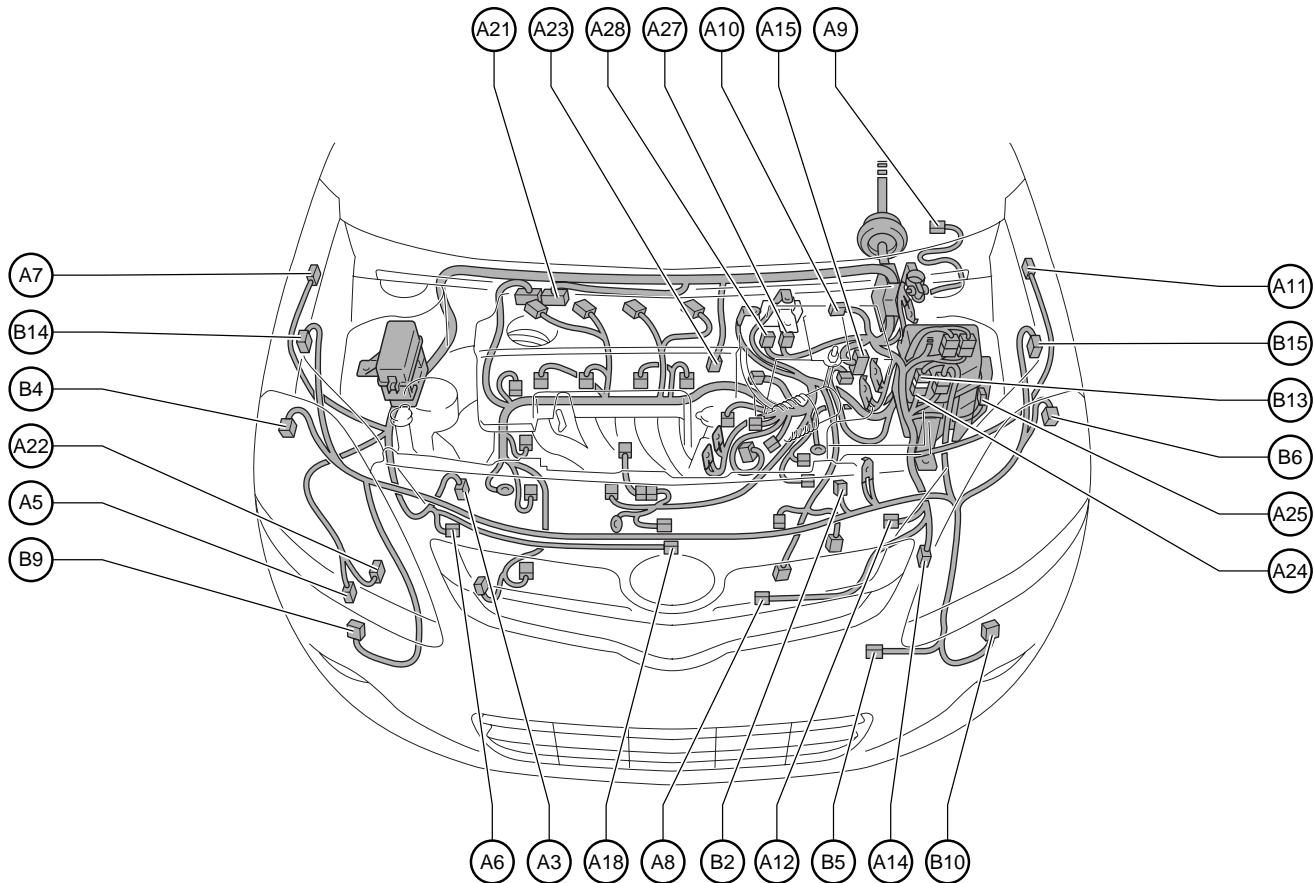
C 1 Starter
 C 2 Crankshaft Position Sensor
 C 3 VSV (Purge)
 C 4 Fuel Injector (No.1)
 C 5 Fuel Injector (No.2)
 C 6 Fuel Injector (No.3)
 C 7 Fuel Injector (No.4)
 C 8 A/C Compressor
 C 9 Generator
 C10 Generator
 C11 Ignition Coil (No.1)
 C12 Ignition Coil (No.2)
 C13 Ignition Coil (No.3)
 C14 Ignition Coil (No.4)
 C15 Starter
 C16 Engine Oil Pressure SW

C17 Throttle Body Assembly
 C18 Camshaft Position Sensor
 C19 Engine Coolant Temp. Sensor
 C20 Engine Control Module
 C21 Speed Sensor
 C22 Back-Up Lamp SW
 C23 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
 C24 Camshaft Timing Oil Control Valve
 C25 Noise Filter
 C26 Mass Air Flow Meter
 C27 Park/Neutral Position SW
 C28 Electronically Controlled Transmission Solenoid
 C29 Speed Sensor (Turbine)
 C30 Fusible Link Block
 P 1 Knock Control Sensor (Bank 1)

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[S/D]

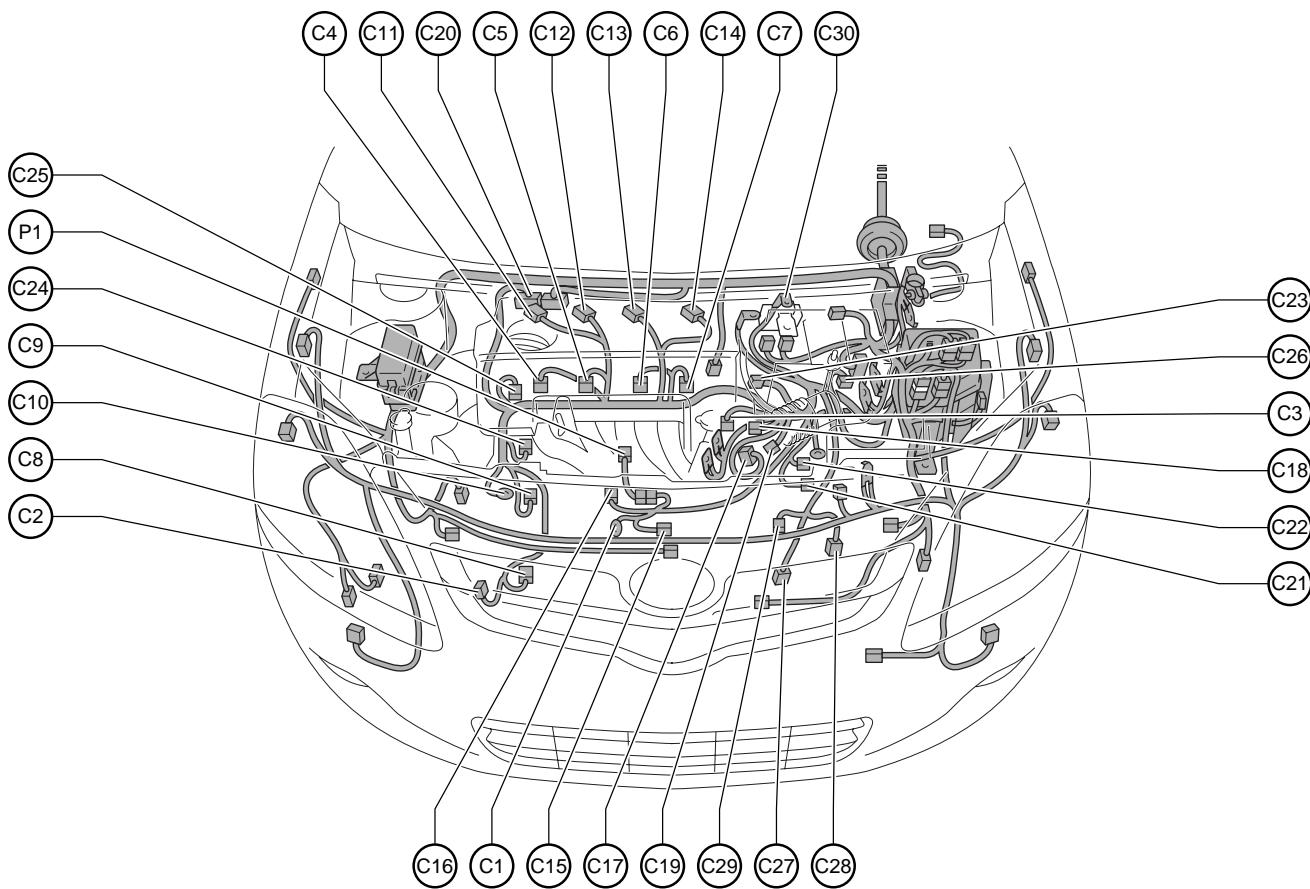


- A 3 A/C Pressure Sensor
A 5 Windshield Washer Motor
A 6 Airbag Sensor (Front RH)
A 7 Speed Sensor (Front RH)
A 8 Cooling Fan Motor
A 9 Windshield Wiper Motor
A10 Brake Fluid Level Warning SW
A11 Speed Sensor (Front LH)
A12 Airbag Sensor (Front LH)
A14 Radiator Fan Resistor
A15 Skid Control ECU with Actuator
A18 Engine Hood Courtesy SW
A21 Engine Control Module
A22 Water Level Warning SW
A23 Security Horn
A24 Junction Connector
A25 Junction Connector
A27 Fusible Link Block
A28 Fusible Link Block

- B 2 Horn
B 4 Headlamp (RH)
B 5 Ambient Temp. Sensor
B 6 Headlamp (LH)
B 9 Fog Lamp (Front RH)
B10 Fog Lamp (Front LH)
B13 Junction Connector
B14 Turn Signal, Side Marker and Parking Lamp (RH)
B15 Turn Signal, Side Marker and Parking Lamp (LH)

Position of Parts in Engine Compartment

[S/D]



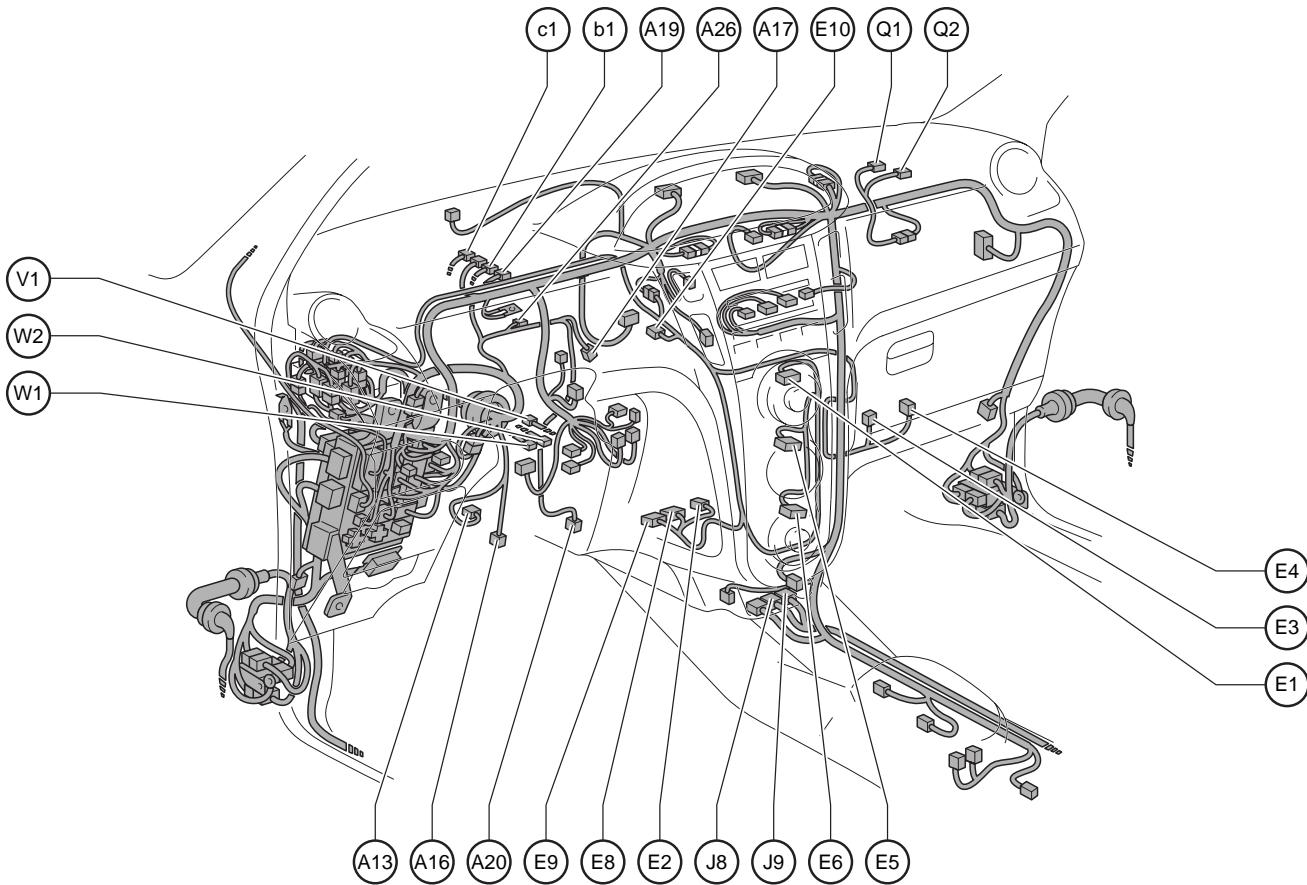
C 1 Starter
 C 2 Crankshaft Position Sensor
 C 3 VSV (Purge)
 C 4 Fuel Injector (No.1)
 C 5 Fuel Injector (No.2)
 C 6 Fuel Injector (No.3)
 C 7 Fuel Injector (No.4)
 C 8 A/C Compressor
 C 9 Generator
 C10 Generator
 C11 Ignition Coil (No.1)
 C12 Ignition Coil (No.2)
 C13 Ignition Coil (No.3)
 C14 Ignition Coil (No.4)
 C15 Starter
 C16 Engine Oil Pressure SW

C17 Throttle Body Assembly
 C18 Camshaft Position Sensor
 C19 Engine Coolant Temp. Sensor
 C20 Engine Control Module
 C21 Speed Sensor
 C22 Back-Up Lamp SW
 C23 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
 C24 Camshaft Timing Oil Control Valve
 C25 Noise Filter
 C26 Mass Air Flow Meter
 C27 Park/Neutral Position SW
 C28 Electronically Controlled Transmission Solenoid
 C29 Speed Sensor (Turbine)
 C30 Fusible Link Block
 P 1 Knock Control Sensor (Bank 1)

G ELECTRICAL WIRING ROUTING

Position of Parts in Instrument Panel

[H/B]



A 13 Stop Lamp SW
A 16 Clutch Start SW
A 17 PTC Heater
A 19 Power Steering ECU
A 20 Accelerator Position Sensor
A 26 Junction Connector

E 1 Blower SW
E 2 A/C Thermistor No.1
E 3 Blower Resistor
E 4 Blower Motor
E 5 A/C SW
E 6 Rear Window Defogger SW
E 8 A/C Amplifier
E 9 A/C Amplifier
E 10 Junction Connector

J 8 Airbag Sensor Assembly Center
J 9 Airbag Sensor Assembly Center

Q 1 Airbag Squib (Front Passenger's Airbag Assembly)
Q 2 Airbag Squib (Front Passenger's Airbag Assembly)

V 1 Spiral Cable
Steering Pad SW

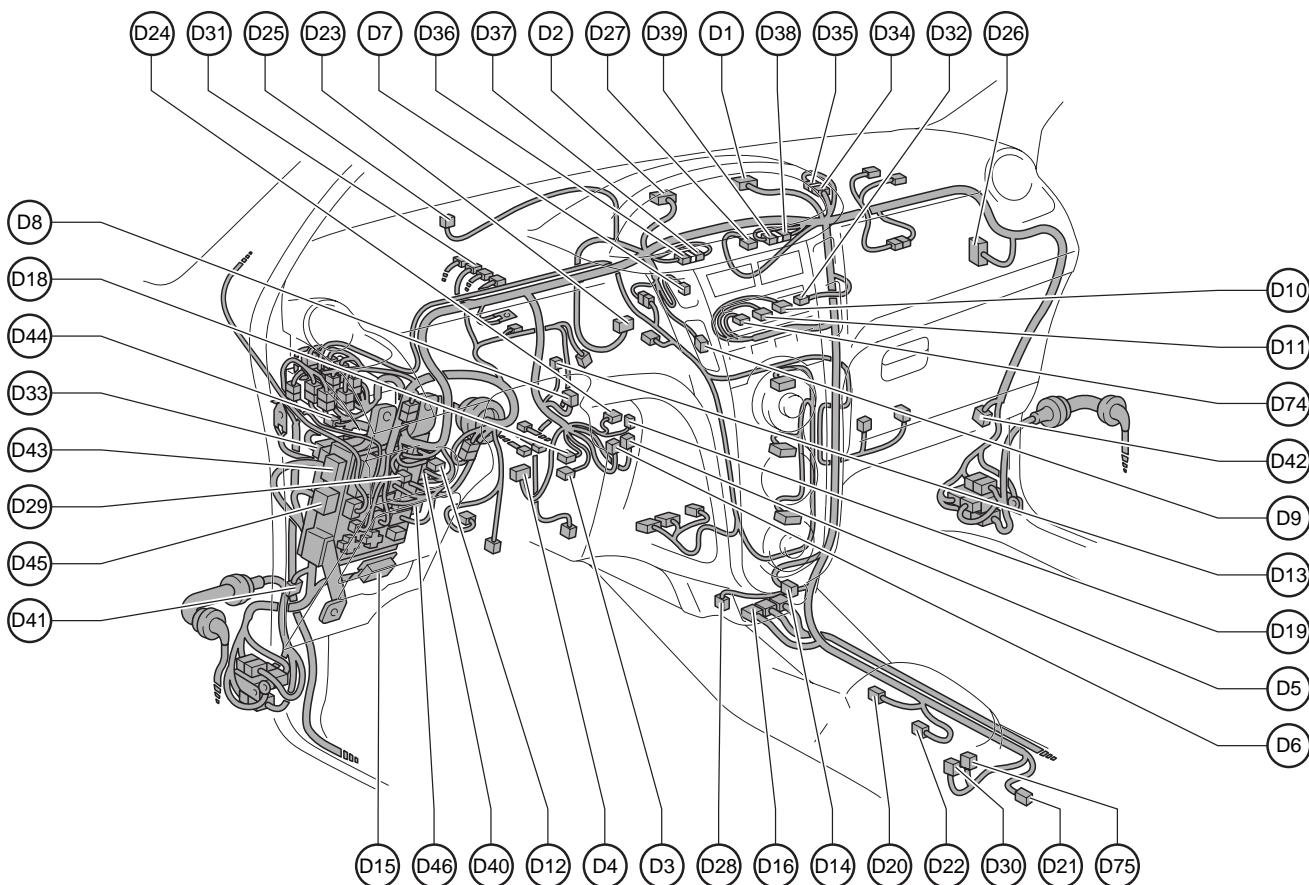
W 1 Airbag Squib (Steering Wheel Pad)
Spiral Cable
W 2 Airbag Squib (Steering Wheel Pad)
Spiral Cable

b 1 Power Steering ECU
Power Steering Motor

c 1 Power Steering ECU
Power Steering Torque Sensor

Position of Parts in Instrument Panel

[H/B]



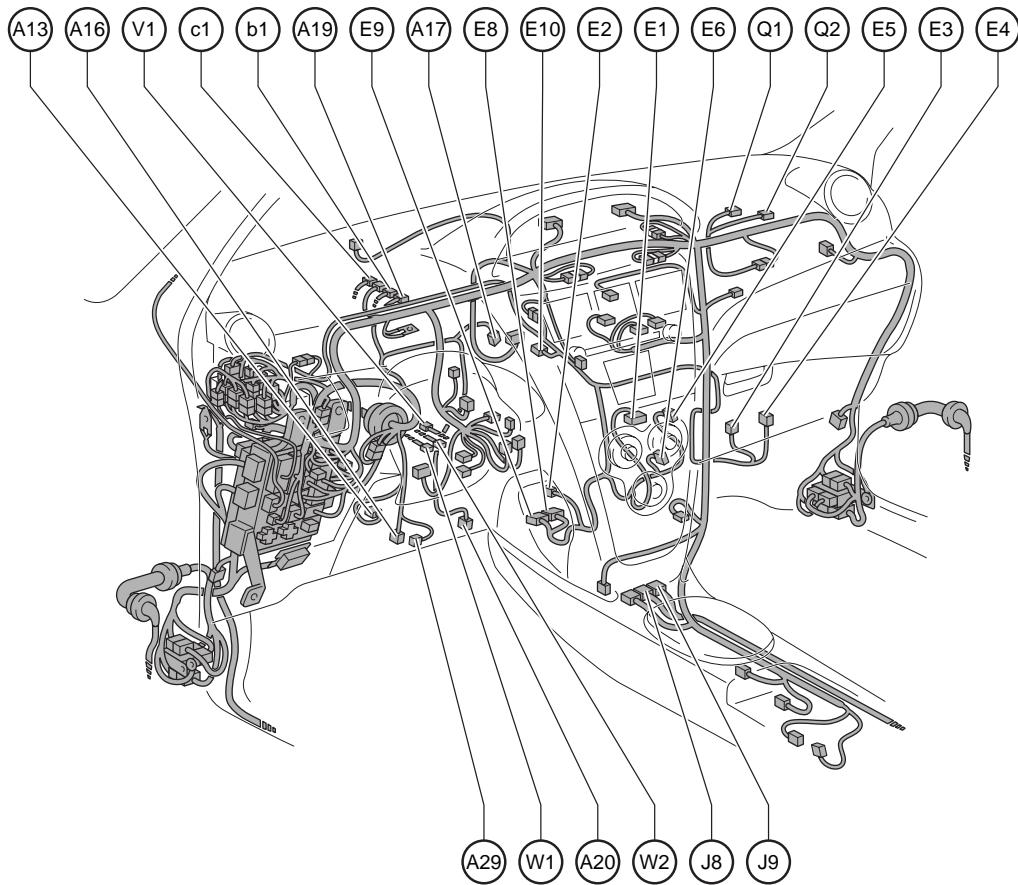
- D 1 Combination Meter
- D 2 Combination Meter
- D 3 Spiral Cable
- D 4 Headlamp Dimmer SW Assembly
- D 5 Windshield Wiper SW Assembly
- D 6 Windshield Wiper SW Assembly
- D 7 Hazard Warning Signal SW
- D 8 Ignition SW
- D 9 Running Light Relay
- D10 Radio Receiver Assembly
- D11 Radio Receiver Assembly
- D12 Outer Mirror SW
- D13 Key Interlock Solenoid
- D14 Cigarette Lighter or Power Outlet
- D15 Data Link Connector 3
- D16 Airbag Sensor Assembly Center
- D18 Spiral Cable
- D19 Unlock Warning SW
- D20 A/T Shift Lever Illumination
- D21 Parking Brake SW
- D22 Shift Lock Control ECU
- D23 Transponder Key ECU
- D24 Transponder Key Amplifier
- D25 Security Indicator Lamp

- D26 Theft Warning ECU
- D27 Passenger Seat Belt Warning Lamp
- D28 Oxygen Sensor (Bank 1 Sensor 2)
- D29 Light Control Rheostat
- D30 Door Lock Control SW
- D31 Power Steering ECU
- D32 Antenna Amplifier
- D33 Main Body ECU
- D34 Junction Connector
- D35 Junction Connector
- D36 Junction Connector
- D37 Junction Connector
- D38 Junction Connector
- D39 Junction Connector
- D40 Junction Connector
- D41 Junction Connector
- D42 Junction Connector
- D43 Fuse Block
- D44 Diode (Starter)
- D45 ACC Cut Relay
- D46 Front Fog Light Relay
- D74 Radio Receiver Assembly
- D75 Stereo Jack Adapter

G ELECTRICAL WIRING ROUTING

Position of Parts in Instrument Panel

[S/D]



A 13 Stop Lamp SW
A 16 Clutch Start SW
A 17 PTC Heater
A 19 Power Steering ECU
A 20 Accelerator Position Sensor
A 29 Cruise Control Clutch SW

E 1 Blower SW
E 2 A/C Thermistor No.1
E 3 Blower Resistor
E 4 Blower Motor
E 5 A/C SW
E 6 Rear Window Defogger SW
E 8 A/C Amplifier
E 9 A/C Amplifier
E 10 Junction Connector

J 8 Airbag Sensor Assembly Center
J 9 Airbag Sensor Assembly Center

Q 1 Airbag Squib (Front Passenger's Airbag Assembly)
Q 2 Airbag Squib (Front Passenger's Airbag Assembly)

V 1 Cruise Control SW
Spiral Cable
Steering Pad SW

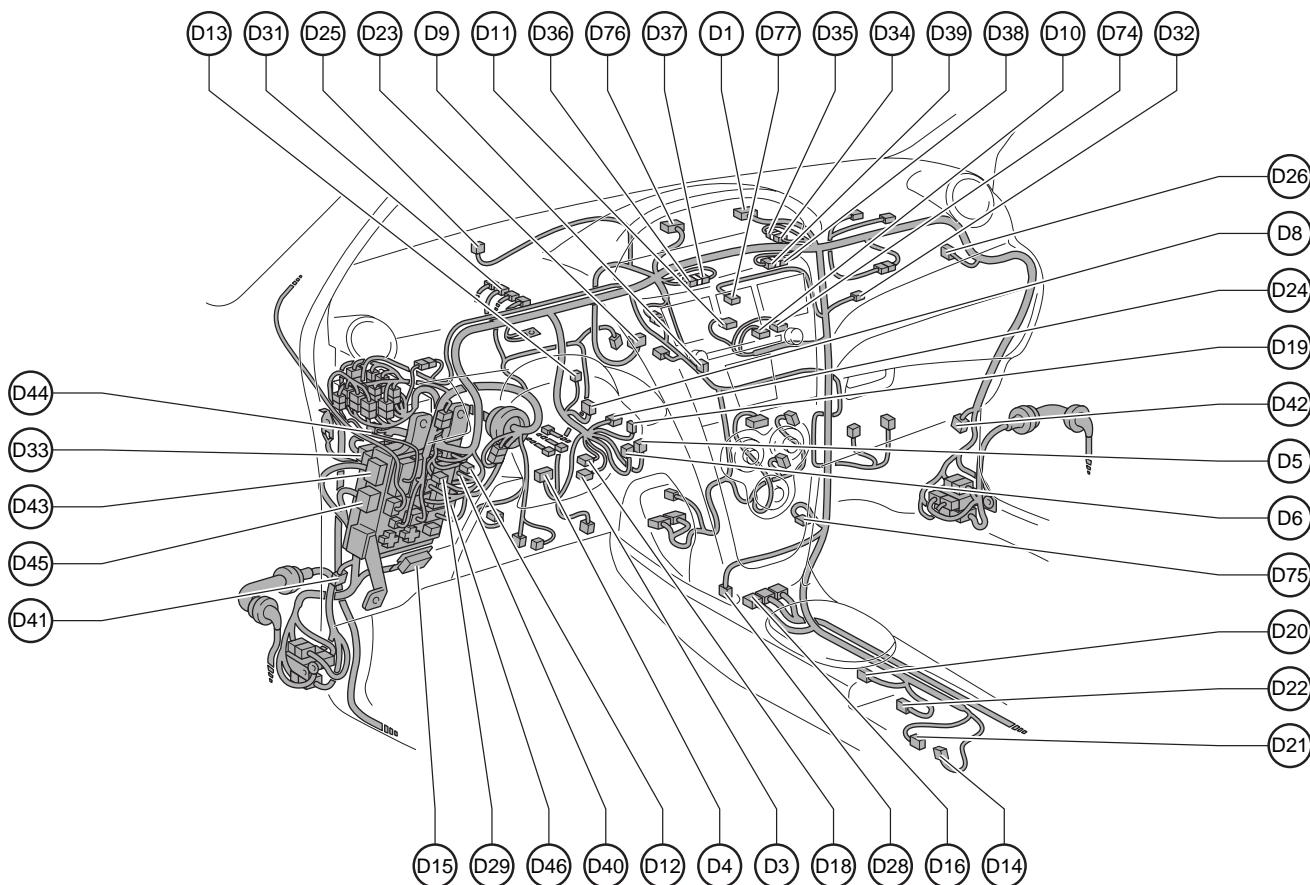
W 1 Airbag Squib (Steering Wheel Pad)
Spiral Cable
W 2 Airbag Squib (Steering Wheel Pad)
Spiral Cable

b 1 Power Steering ECU
Power Steering Motor

c 1 Power Steering ECU
Power Steering Torque Sensor

Position of Parts in Instrument Panel

[S/D]



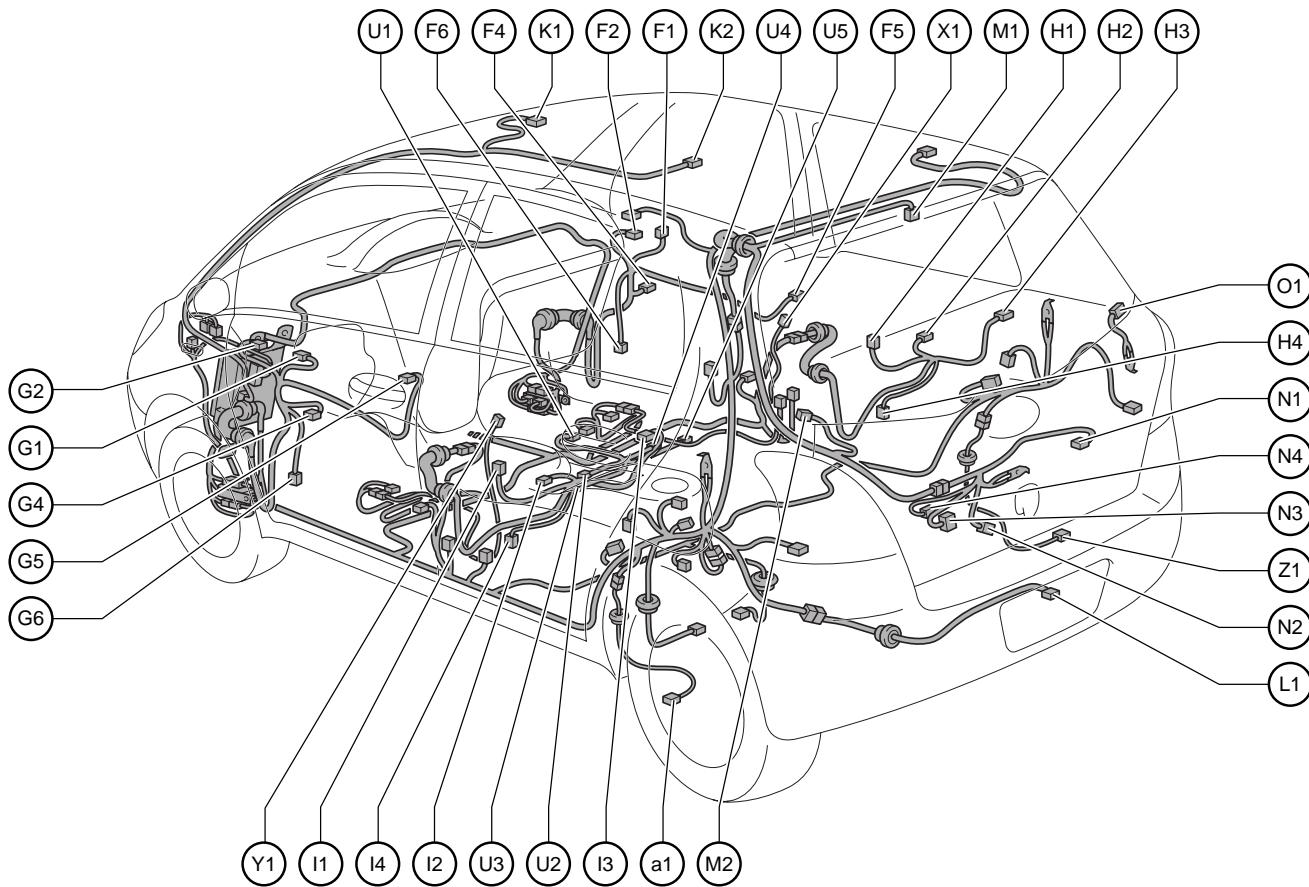
D 1 Combination Meter
 D 3 Spiral Cable
 D 4 Headlamp Dimmer SW Assembly
 D 5 Windshield Wiper SW Assembly
 D 6 Windshield Wiper SW Assembly
 D 8 Ignition SW
 D 9 Running Light Relay
 D10 Radio Receiver Assembly
 D11 Radio Receiver Assembly
 D12 Outer Mirror SW
 D13 Key Interlock Solenoid
 D14 Cigarette Lighter or Power Outlet
 D15 Data Link Connector 3
 D16 Airbag Sensor Assembly Center
 D18 Spiral Cable
 D19 Unlock Warning SW
 D20 A/T Shift Lever Illumination
 D21 Parking Brake SW
 D22 Shift Lock Control ECU
 D23 Transponder Key ECU
 D24 Transponder Key Amplifier
 D25 Security Indicator Lamp
 D26 Theft Warning ECU

D28 Oxygen Sensor (Bank 1 Sensor 2)
 D29 Light Control Rheostat
 D31 Power Steering ECU
 D32 Antenna Amplifier
 D33 Main Body ECU
 D34 Junction Connector
 D35 Junction Connector
 D36 Junction Connector
 D37 Junction Connector
 D38 Junction Connector
 D39 Junction Connector
 D40 Junction Connector
 D41 Junction Connector
 D42 Junction Connector
 D43 Fuse Block
 D44 Diode (Starter)
 D45 ACC Cut Relay
 D46 Front Fog Light Relay
 D74 Radio Receiver Assembly
 D75 Stereo Jack Adapter
 D76 Combination Meter
 D77 Hazard Warning Signal SW

G ELECTRICAL WIRING ROUTING

Position of Parts in Body

[5-Door]



F 1 Power Window SW (Front RH)

F 2 Outer Rear View Mirror (RH)

F 4 Power Window Regulator Motor (Front RH)

F 5 Door Lock Assembly (Front Passenger's Side)

F 6 Speaker (Front Door RH)

G 1 Power Window Master SW

G 2 Outer Rear View Mirror (LH)

G 4 Power Window Regulator Motor (Front LH)

G 5 Door Lock Assembly (Driver's Side)

G 6 Speaker (Front Door LH)

H 1 Power Window SW (Rear RH)

H 2 Power Window Regulator Motor (Rear RH)

H 3 Door Lock Assembly (Rear RH)

H 4 Speaker (Rear RH)

I 1 Power Window SW (Rear LH)

I 2 Power Window Regulator Motor (Rear LH)

I 3 Door Lock Assembly (Rear LH)

I 4 Speaker (Rear LH)

K 1 Map Lamp

K 2 Room Lamp (Center)

L 1 License Plate Lamp

M 1 Center Stop Lamp

M 2 Rear Window Defogger

N 1 Rear Wiper Motor Assembly

N 2 Back Door Courtesy SW

N 3 Back Door Lock Assembly

N 4 Back Door Position SW

O 1 Rear Window Defogger

U 1 Occupant Classification ECU

U 2 Occupant Classification Sensor (Front LH)

U 3 Occupant Classification Sensor (Rear LH)

U 4 Occupant Classification Sensor (Front RH)

U 5 Occupant Classification Sensor (Rear RH)

X 1 Side Airbag Squib (RH)

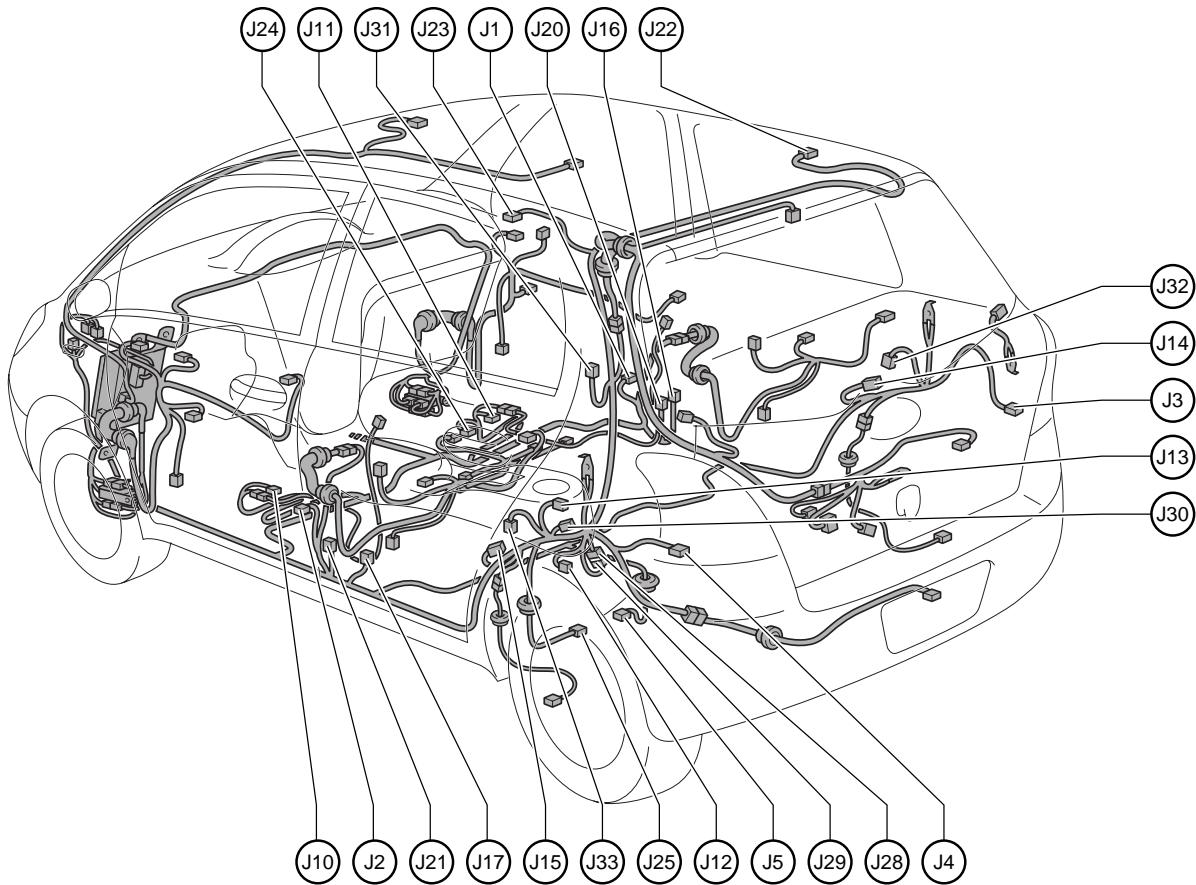
Y 1 Side Airbag Squib (LH)

Z 1 Speed Sensor (Rear RH)

a 1 Speed Sensor (Rear LH)

Position of Parts in Body

[5-Door]



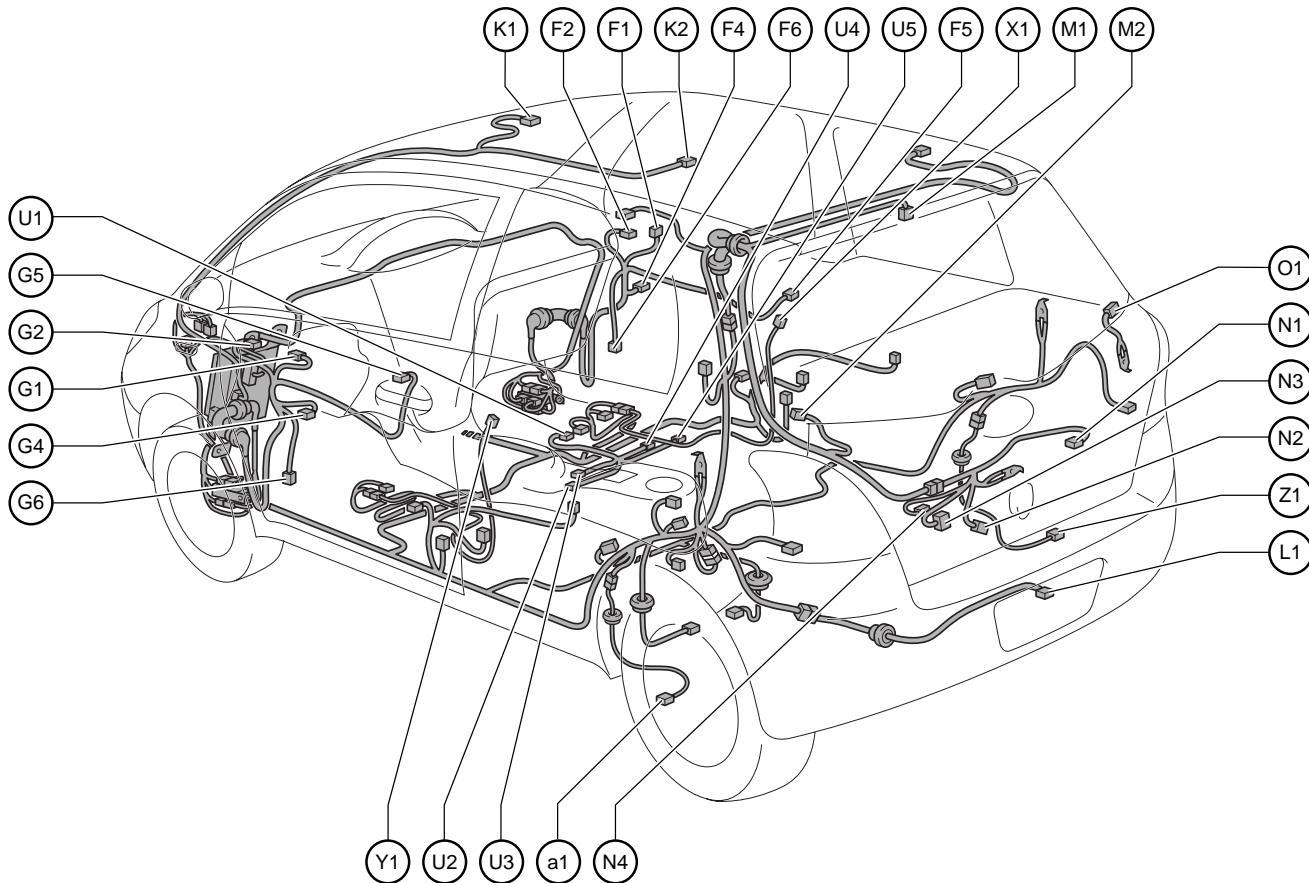
- J 1 Door Courtesy SW (Front RH)
- J 2 Door Courtesy SW (Front LH)
- J 3 Rear Combination Lamp (RH)
- J 4 Rear Combination Lamp (LH)
- J 5 Fuel Suction Pump and Gage Assembly
- J 10 Front Seat Inner Belt (Driver's Side)
- J 11 Front Seat Inner Belt Assembly (Front RH)
- J 12 Room Lamp (Luggage)
- J 13 Door Control Receiver
- J 14 Airbag Sensor (Rear RH)
- J 15 Airbag Sensor (Rear LH)
- J 16 Side Airbag Sensor (RH)
- J 17 Side Airbag Sensor (LH)

- J 20 Pretensioner (RH)
- J 21 Pretensioner (LH)
- J 22 Curtain Shield Airbag Squib (RH)
- J 23 Curtain Shield Airbag Squib (LH)
- J 24 Occupant Classification ECU
- J 25 Canister Pump Module
- J 28 Junction Connector
- J 29 Junction Connector
- J 30 Diode (Room Lamp)
- J 31 Noise Filter
- J 32 Door Courtesy SW (Rear RH)
- J 33 Door Courtesy SW (Rear LH)

G ELECTRICAL WIRING ROUTING

Position of Parts in Body

[3-Door]



F 1 Power Window SW (Front RH)

F 2 Outer Rear View Mirror (RH)

F 4 Power Window Regulator Motor (Front RH)

F 5 Door Lock Assembly (Front Passenger's Side)

F 6 Speaker (Front Door RH)

G 1 Power Window Master SW

G 2 Outer Rear View Mirror (LH)

G 4 Power Window Regulator Motor (Front LH)

G 5 Door Lock Assembly (Driver's Side)

G 6 Speaker (Front Door LH)

K 1 Map Lamp

K 2 Room Lamp (Center)

L 1 License Plate Lamp

M 1 Center Stop Lamp

M 2 Rear Window Defogger

N 1 Rear Wiper Motor Assembly

N 2 Back Door Courtesy SW

N 3 Back Door Lock Assembly

N 4 Back Door Position SW

O 1 Rear Window Defogger

U 1 Occupant Classification ECU

U 2 Occupant Classification Sensor (Front LH)

U 3 Occupant Classification Sensor (Rear LH)

U 4 Occupant Classification Sensor (Front RH)

U 5 Occupant Classification Sensor (Rear RH)

X 1 Side Airbag Squib (RH)

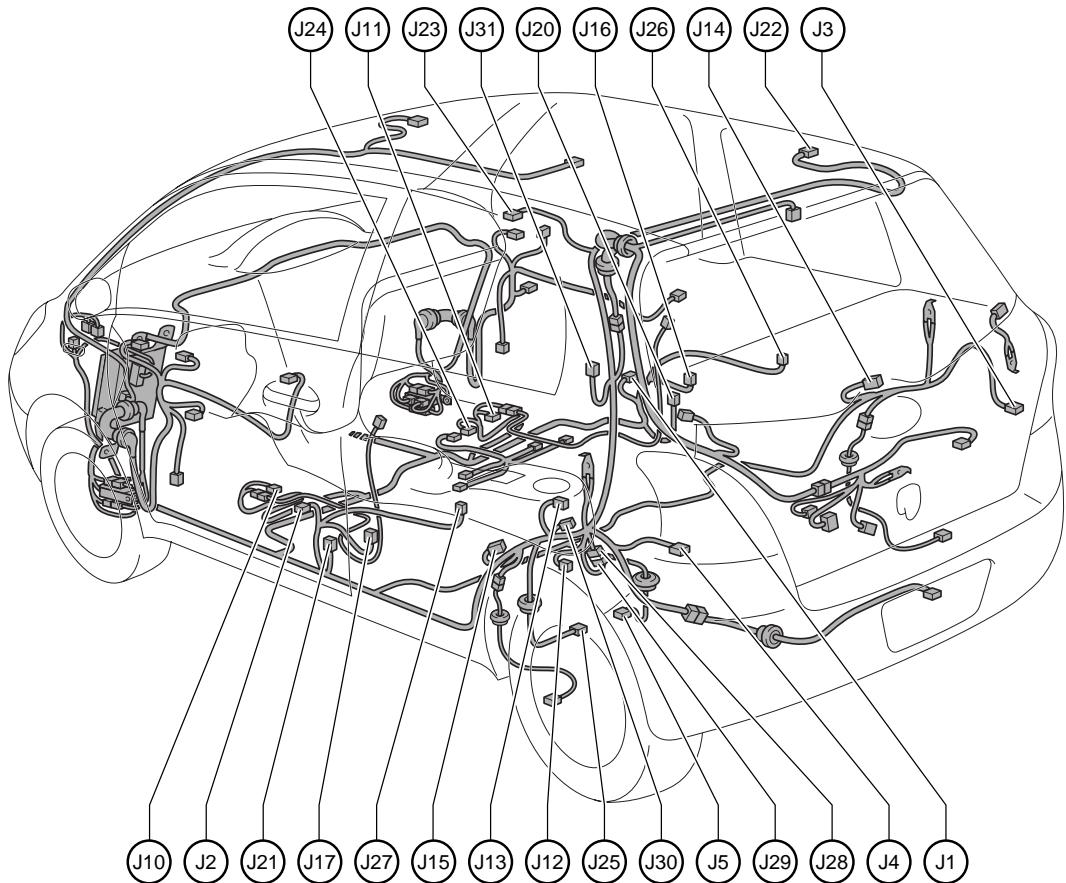
Y 1 Side Airbag Squib (LH)

Z 1 Speed Sensor (Rear RH)

a 1 Speed Sensor (Rear LH)

Position of Parts in Body

[3-Door]



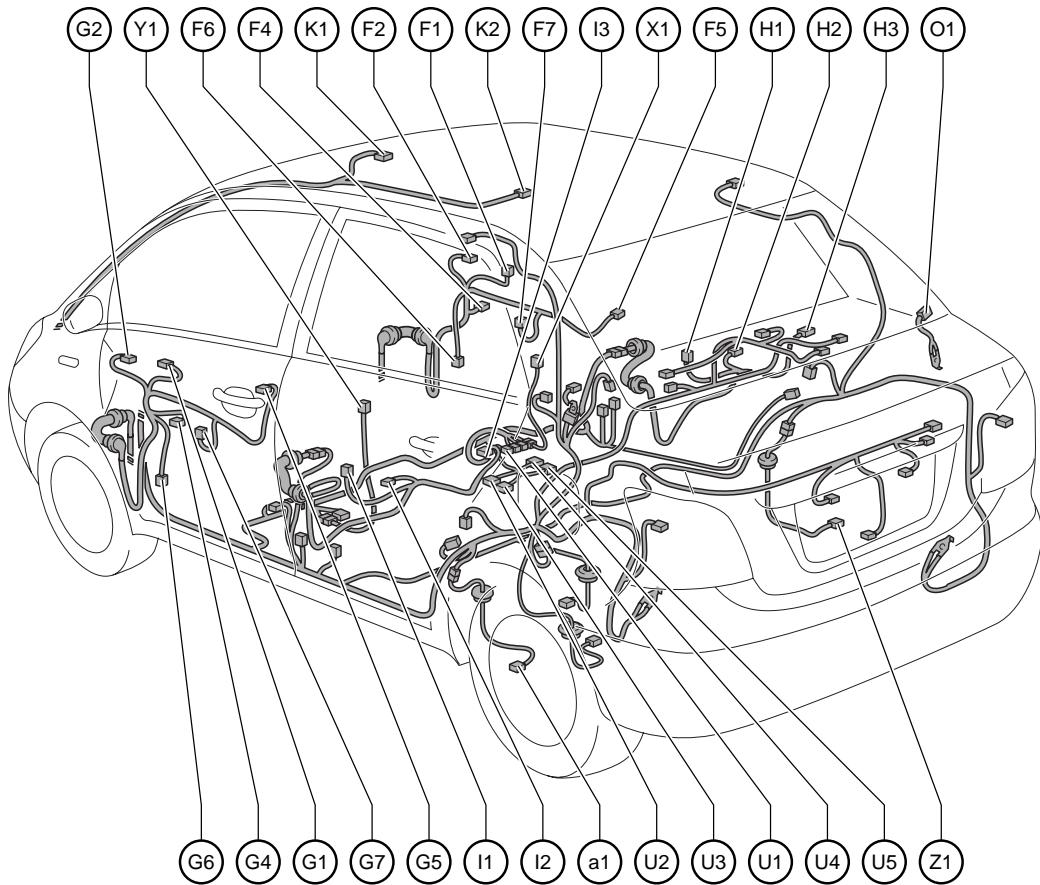
- J 1 Door Courtesy SW (Front RH)
- J 2 Door Courtesy SW (Front LH)
- J 3 Rear Combination Lamp (RH)
- J 4 Rear Combination Lamp (LH)
- J 5 Fuel Suction Pump and Gage Assembly
- J 10 Front Seat Inner Belt (Driver's Side)
- J 11 Front Seat Inner Belt Assembly (Front RH)
- J 12 Room Lamp (Luggage)
- J 13 Door Control Receiver
- J 14 Airbag Sensor (Rear RH)
- J 15 Airbag Sensor (Rear LH)
- J 16 Side Airbag Sensor (RH)
- J 17 Side Airbag Sensor (LH)

- J 20 Pretensioner (RH)
- J 21 Pretensioner (LH)
- J 22 Curtain Shield Airbag Squib (RH)
- J 23 Curtain Shield Airbag Squib (LH)
- J 24 Occupant Classification ECU
- J 25 Canister Pump Module
- J 26 Speaker (Rear RH)
- J 27 Speaker (Rear LH)
- J 28 Junction Connector
- J 29 Junction Connector
- J 30 Diode (Room Lamp)
- J 31 Noise Filter

G ELECTRICAL WIRING ROUTING

Position of Parts in Body

[4-Door]



F 1 Power Window SW (Front RH)
F 2 Outer Rear View Mirror (RH)
F 4 Power Window Regulator Motor (Front RH)
F 5 Door Lock Assembly (Front Passenger's Side)
F 6 Speaker (Front Door RH)
F 7 Door Lock Control SW (Front Passenger's Side)

G 1 Power Window Master SW
G 2 Outer Rear View Mirror (LH)
G 4 Power Window Regulator Motor (Front LH)
G 5 Door Lock Assembly (Driver's Side)
G 6 Speaker (Front Door LH)
G 7 Door Lock Control SW (Driver's Side)

H 1 Power Window SW (Rear RH)
H 2 Power Window Regulator Motor (Rear RH)
H 3 Door Lock Assembly (Rear RH)

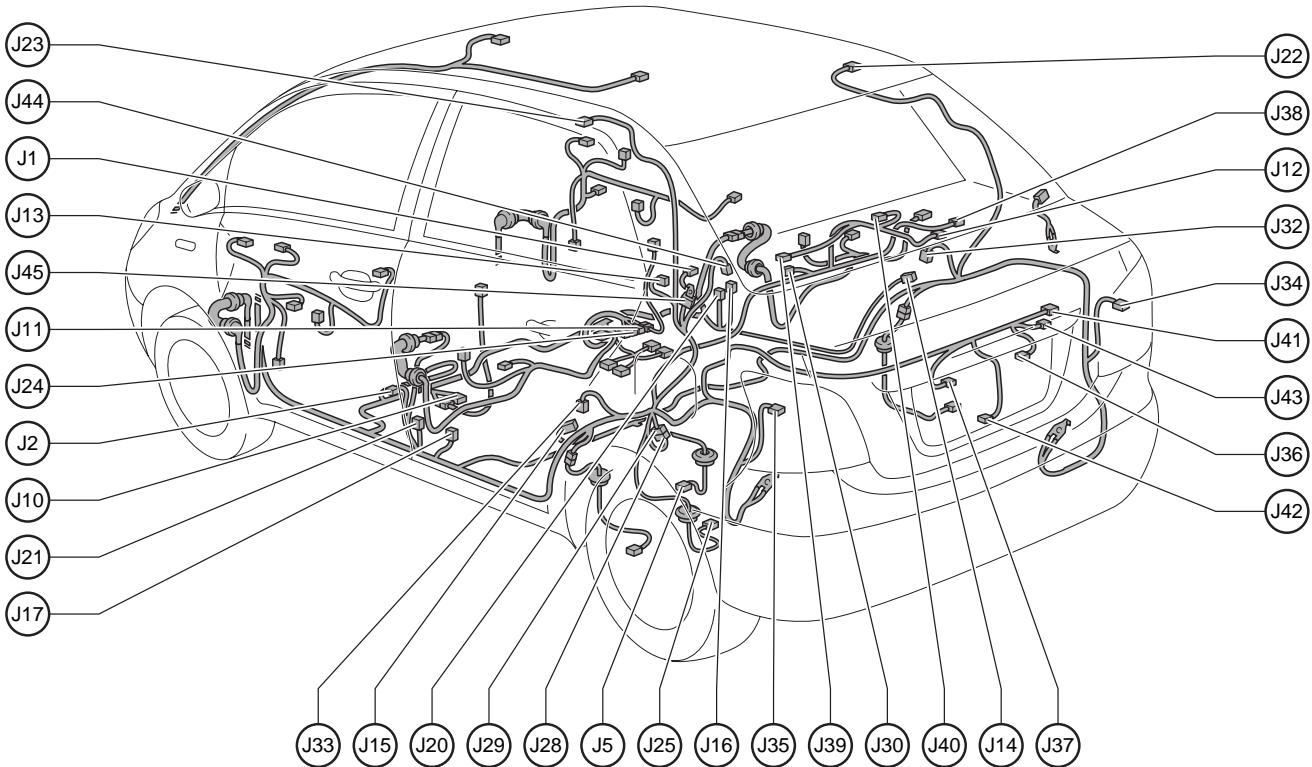
I 1 Power Window SW (Rear LH)
I 2 Power Window Regulator Motor (Rear LH)
I 3 Door Lock Assembly (Rear LH)

K 1 Map Lamp
K 2 Room Lamp (Center)
O 1 Rear Window Defogger
U 1 Occupant Classification ECU
U 2 Occupant Classification Sensor (Front LH)
U 3 Occupant Classification Sensor (Rear LH)
U 4 Occupant Classification Sensor (Front RH)
U 5 Occupant Classification Sensor (Rear RH)

X 1 Side Airbag Squib (RH)
Y 1 Side Airbag Squib (LH)
Z 1 Speed Sensor (Rear RH)
a 1 Speed Sensor (Rear LH)

Position of Parts in Body

[4-Door]



J 1 Door Courtesy SW (Front RH)
 J 2 Door Courtesy SW (Front LH)
 J 5 Fuel Suction Pump and Gage Assembly
 J 10 Front Seat Inner Belt (Driver's Side)
 J 11 Front Seat Inner Belt Assembly (Front RH)
 J 12 Room Lamp (Luggage)
 J 13 Door Control Receiver
 J 14 Airbag Sensor (Rear RH)
 J 15 Airbag Sensor (Rear LH)
 J 16 Side Airbag Sensor (RH)
 J 17 Side Airbag Sensor (LH)
 J 20 Pretensioner (RH)
 J 21 Pretensioner (LH)
 J 22 Curtain Shield Airbag Squib (RH)
 J 23 Curtain Shield Airbag Squib (LH)
 J 24 Occupant Classification ECU
 J 25 Canister Pump Module

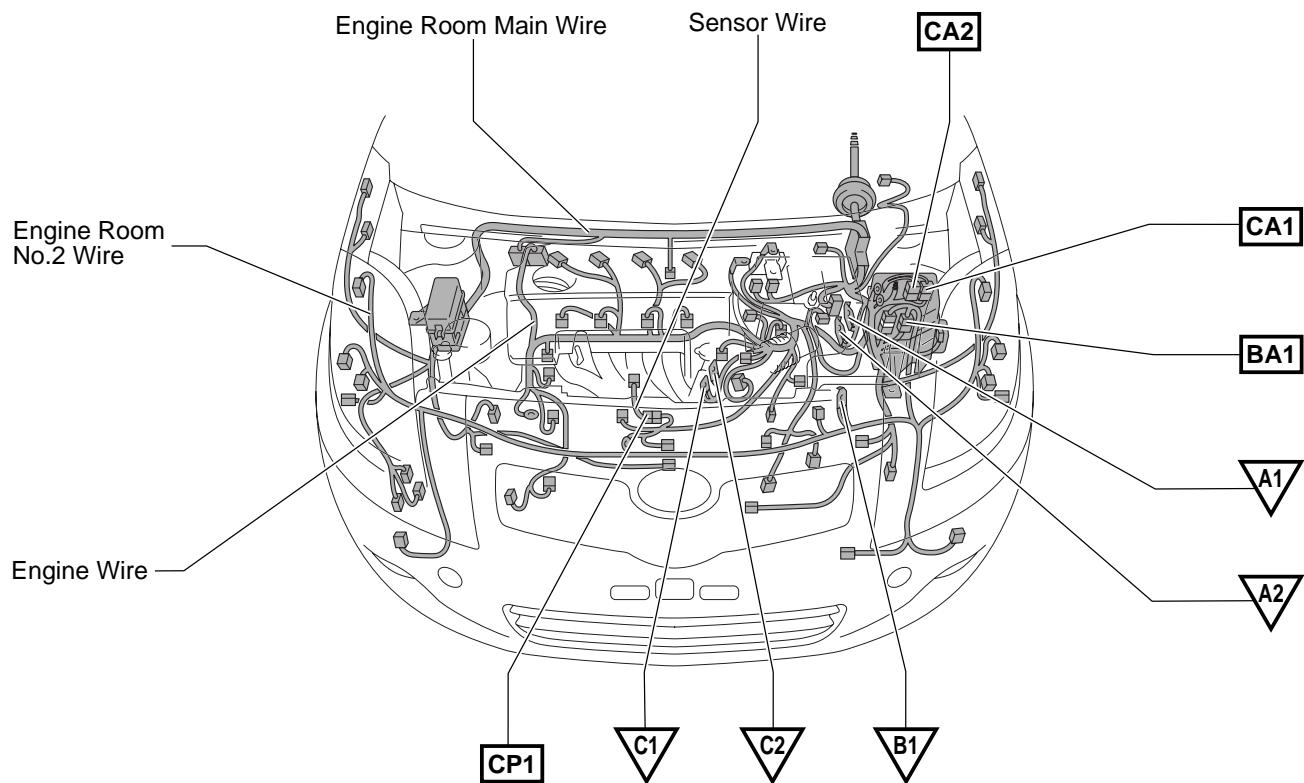
J 28 Junction Connector
 J 29 Junction Connector
 J 30 Diode (Room Lamp)
 J 32 Door Courtesy SW (Rear RH)
 J 33 Door Courtesy SW (Rear LH)
 J 34 Rear Combination Lamp (RH)
 J 35 Rear Combination Lamp (LH)
 J 36 License Plate Lamp (RH)
 J 37 License Plate Lamp (LH)
 J 38 Speaker (Rear RH)
 J 39 Speaker (Rear LH)
 J 40 High Mounted Stop Light
 J 41 High Mounted Stop Light
 J 42 Door Lock Assembly (Luggage)
 J 43 Door Lock Assembly (Luggage)
 J 44 Rear Window Defogger
 J 45 Noise Filter

G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

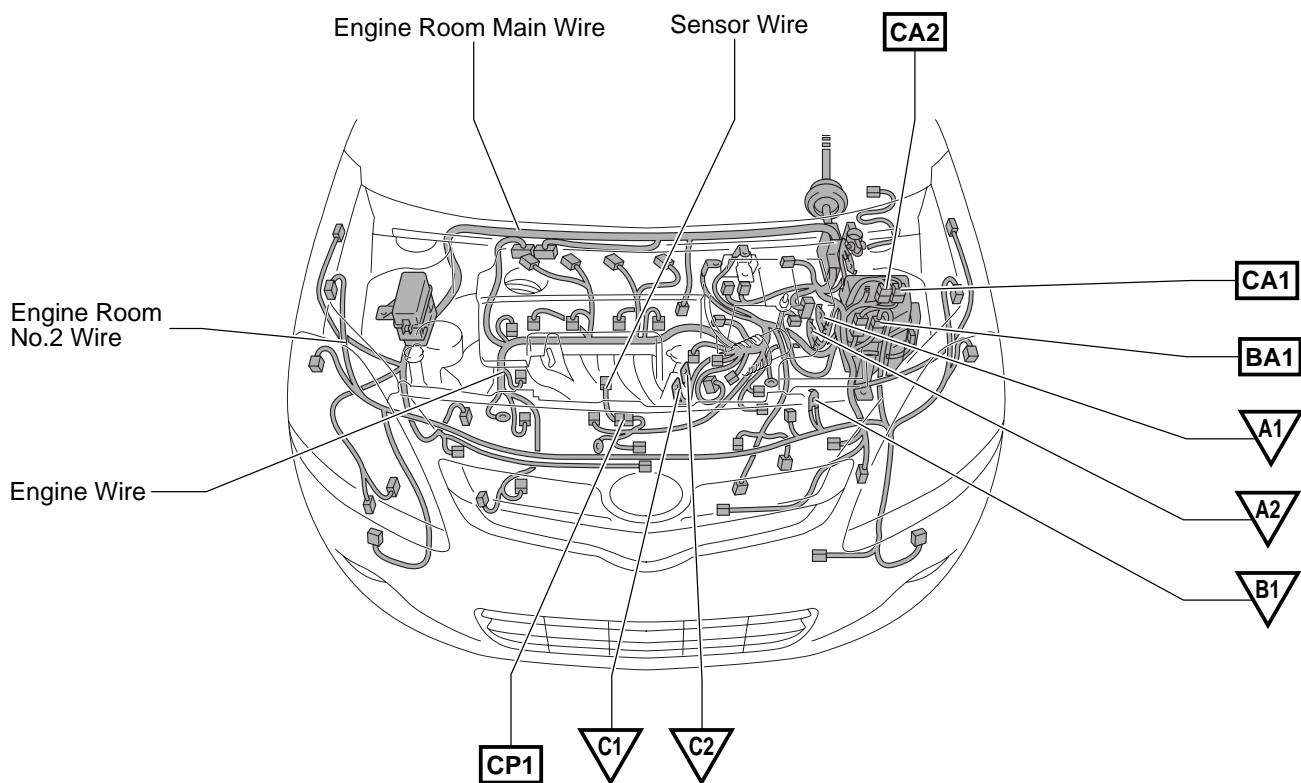
[H/B]



□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

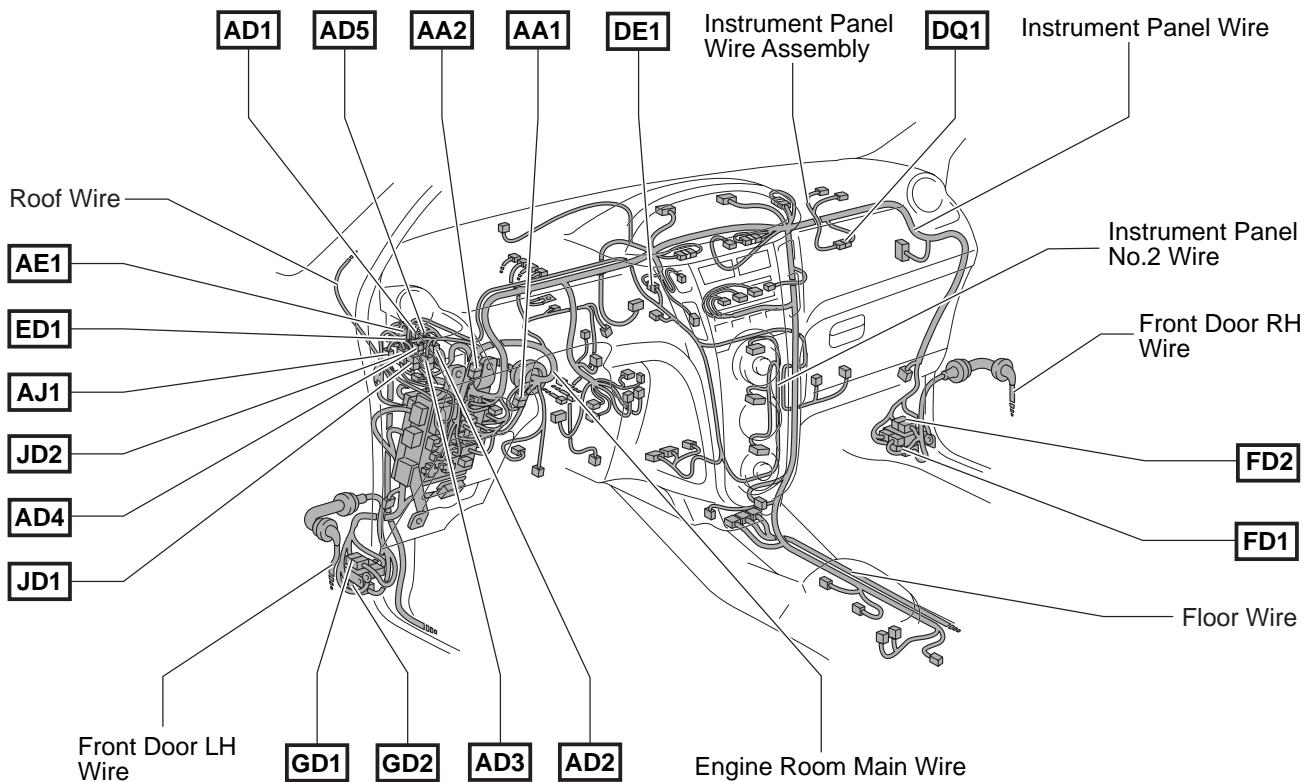
[S/D]



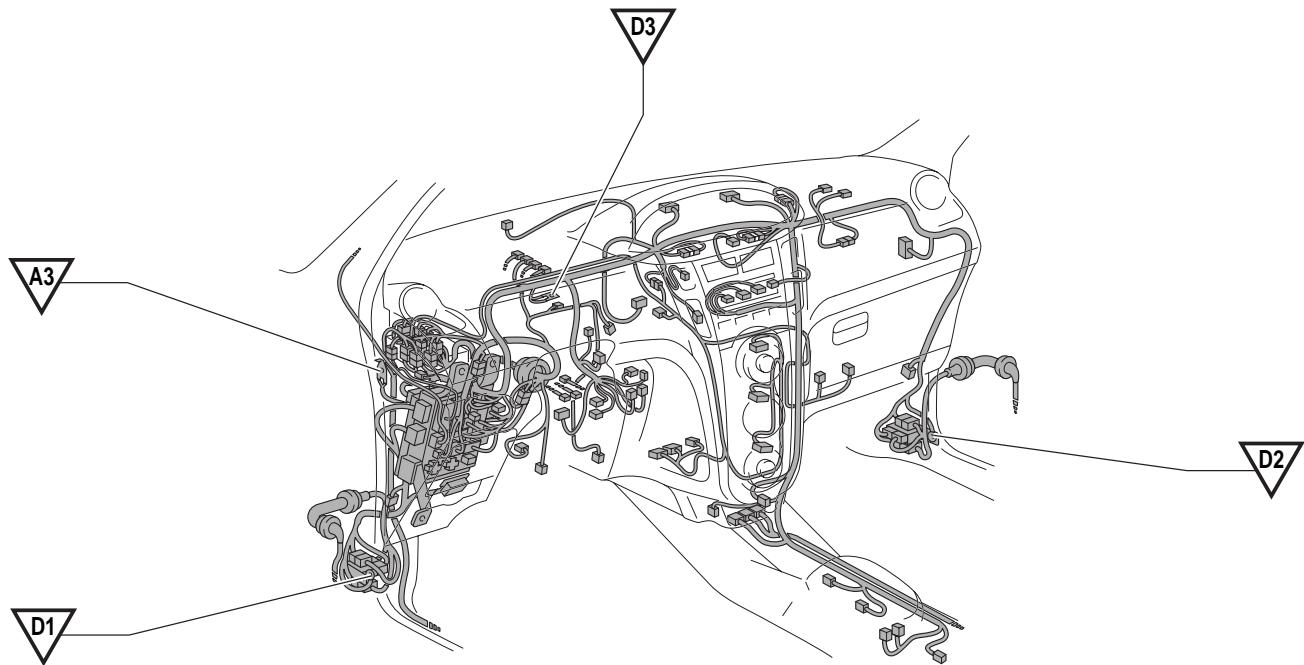
G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[H/B]

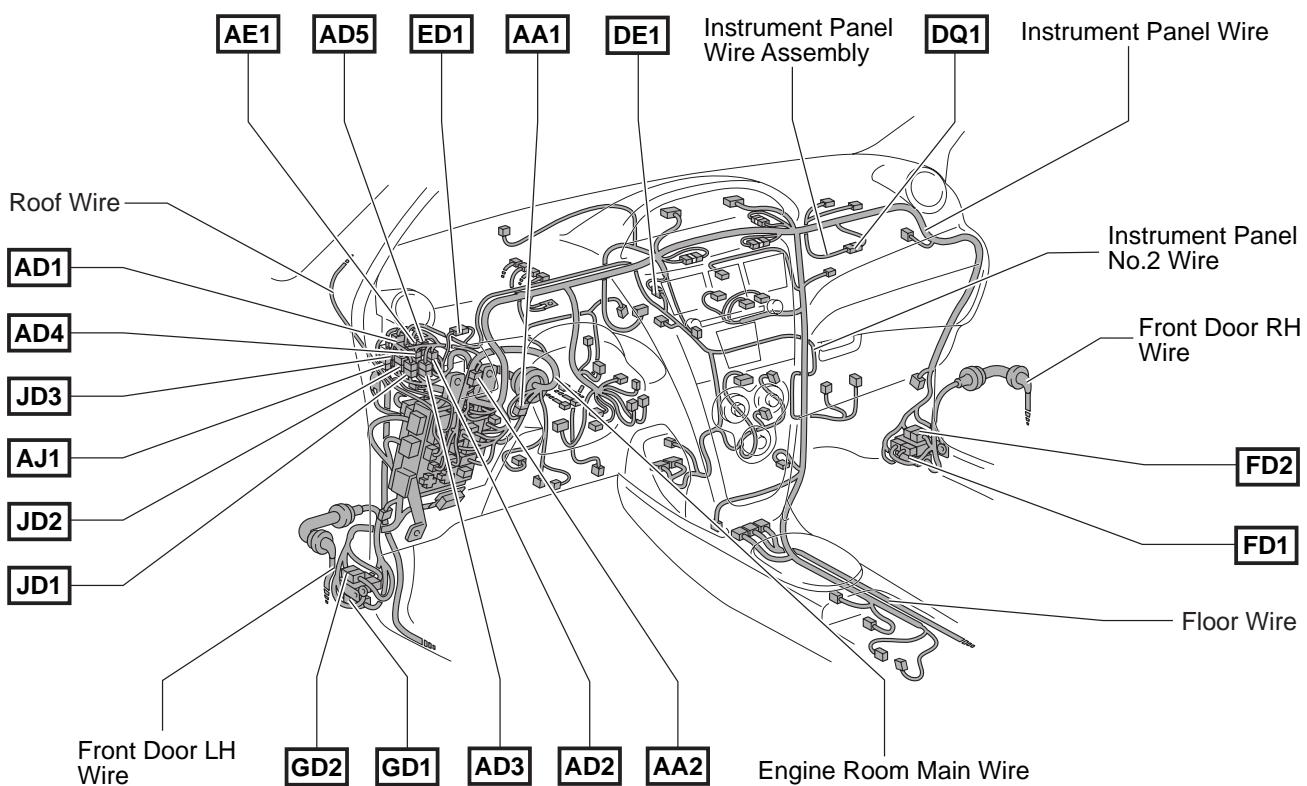


▽ : Location of Ground Points

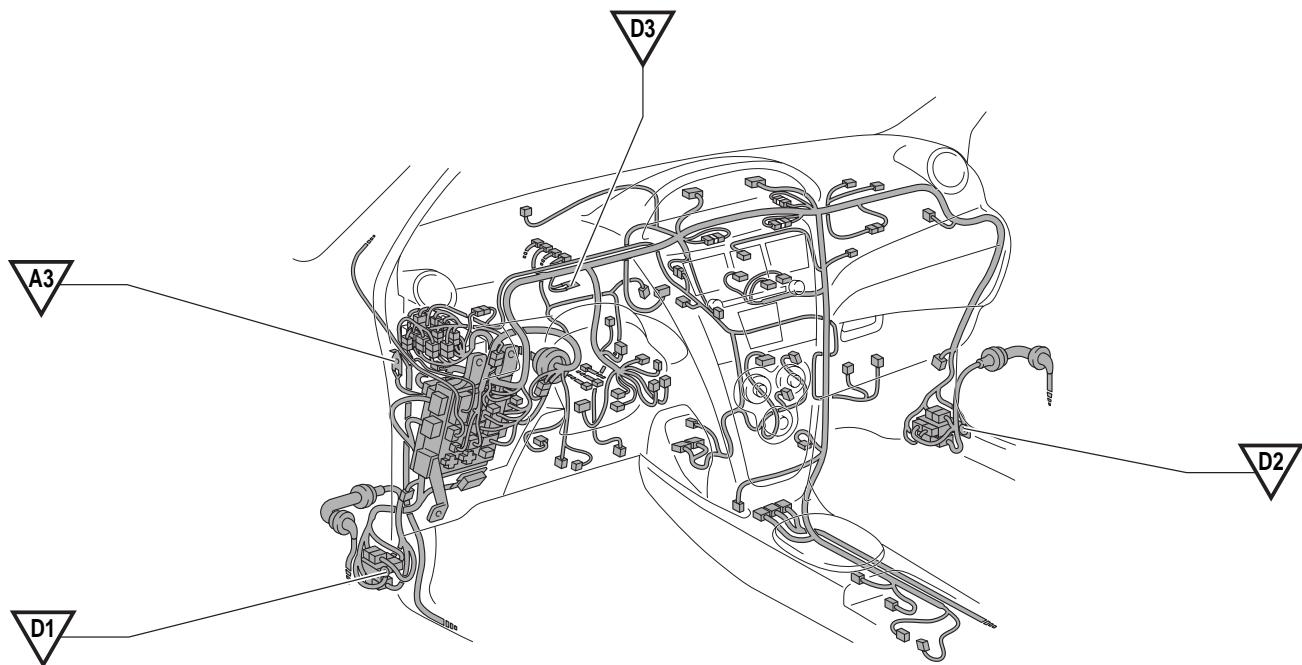


: Location of Connector Joining Wire Harness and Wire Harness

[S/D]



: Location of Ground Points

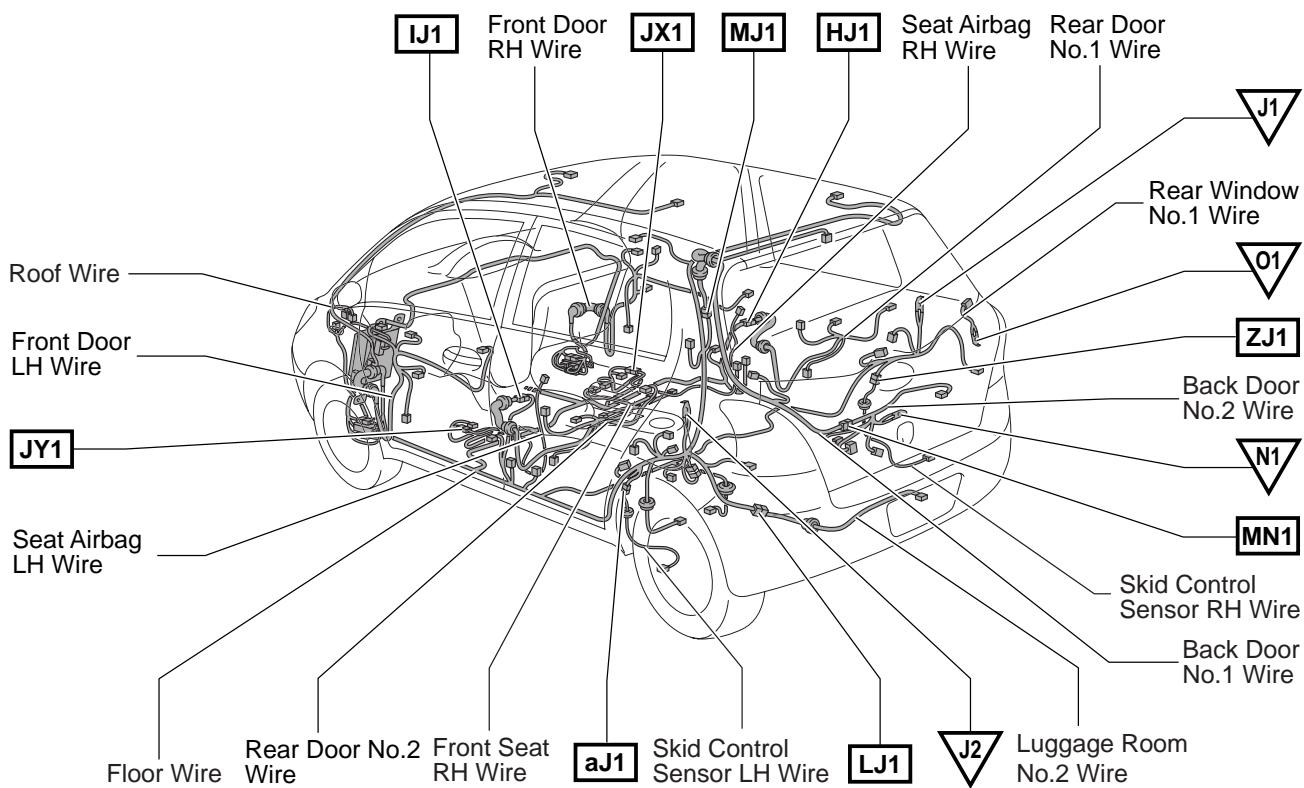


G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

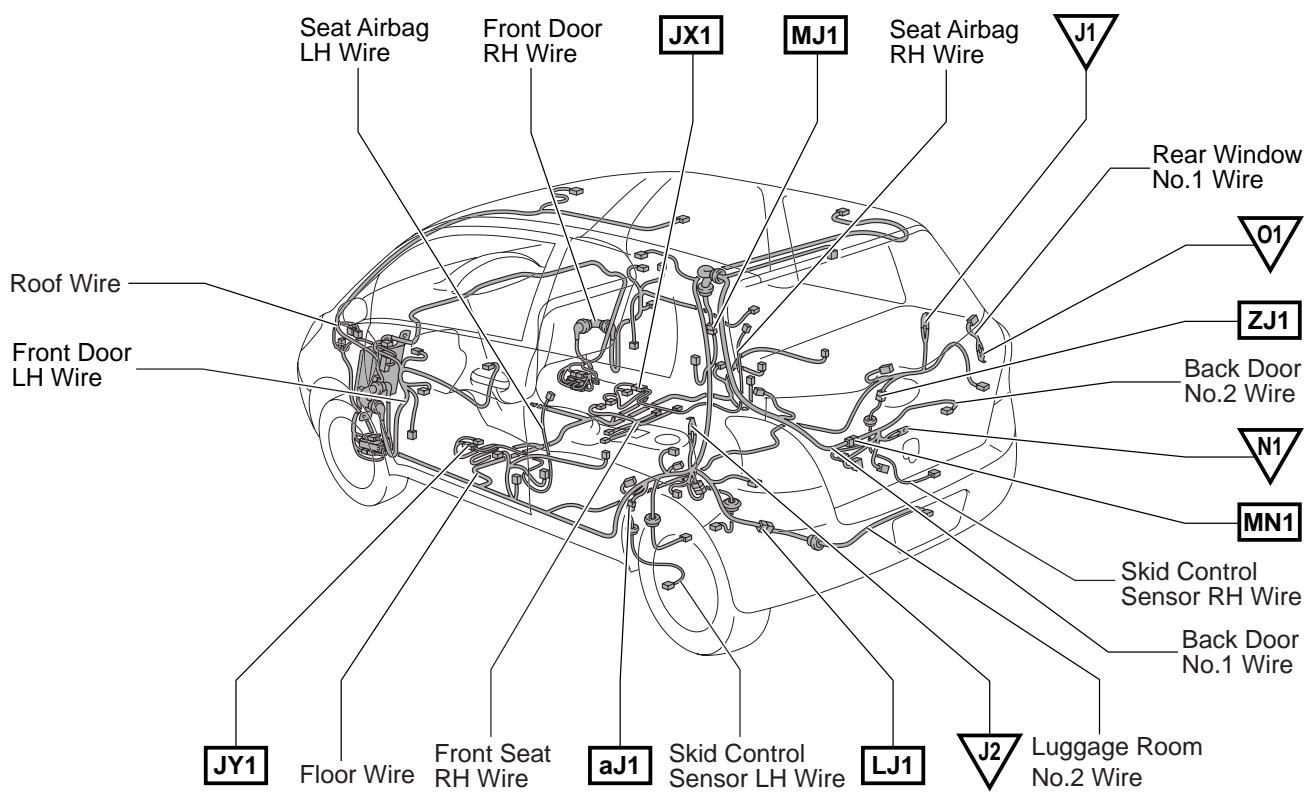
[5-Door]



□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[3-Door]

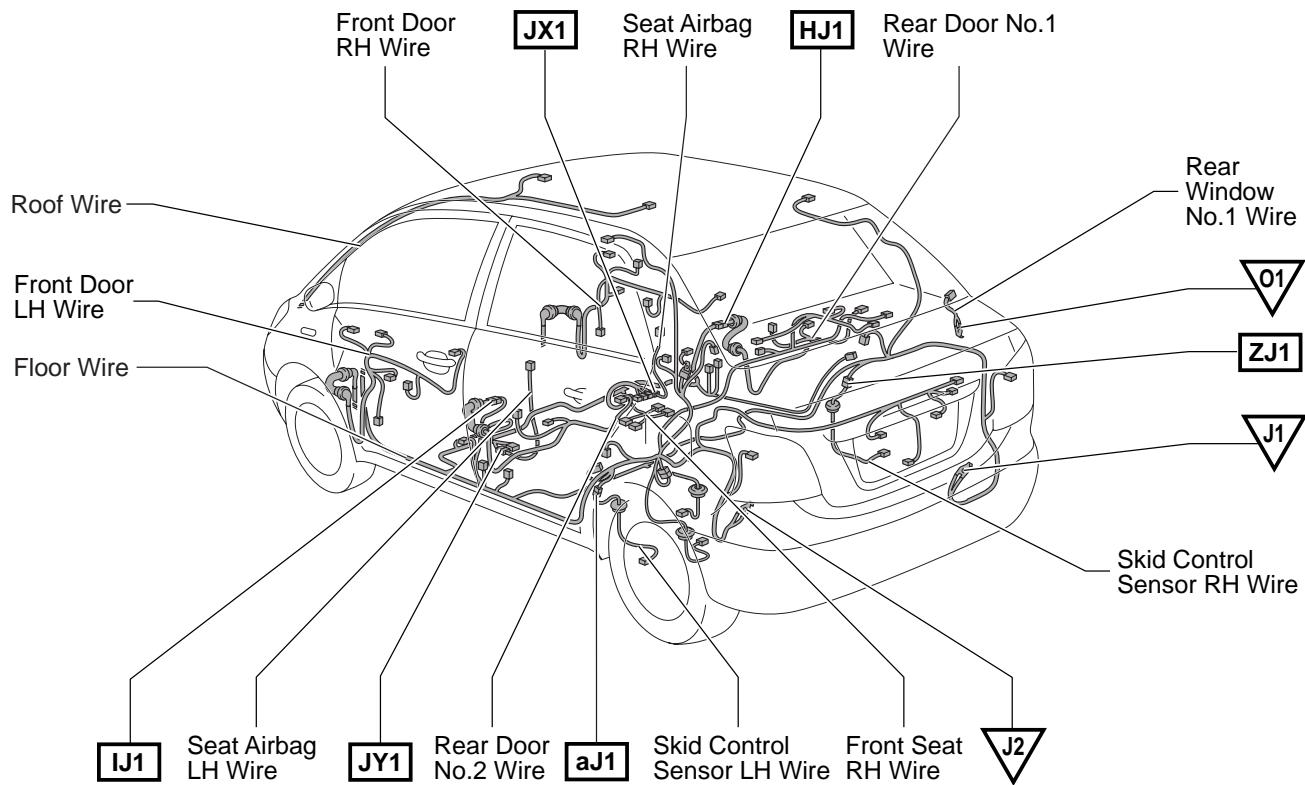


G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[4-Door]



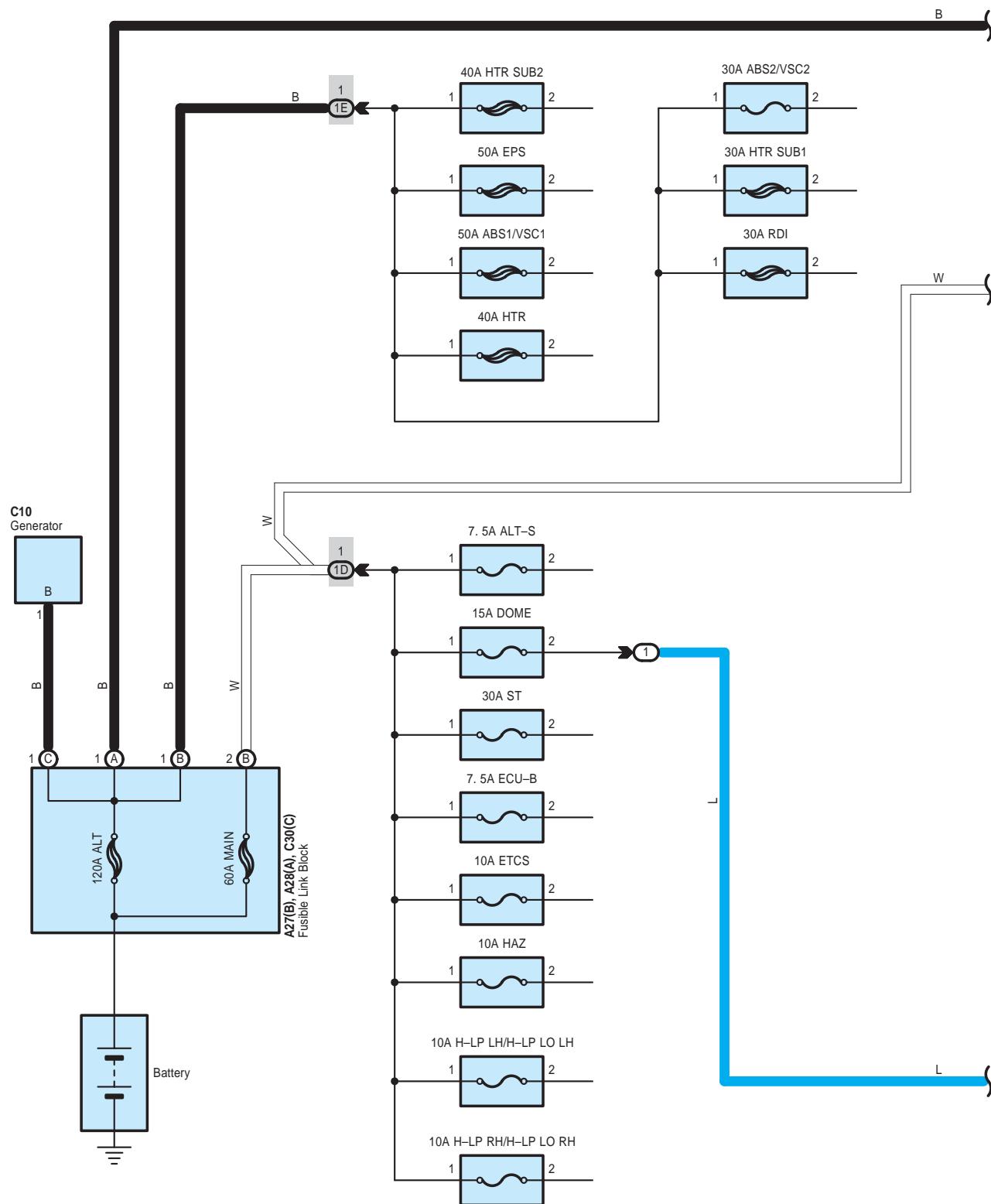
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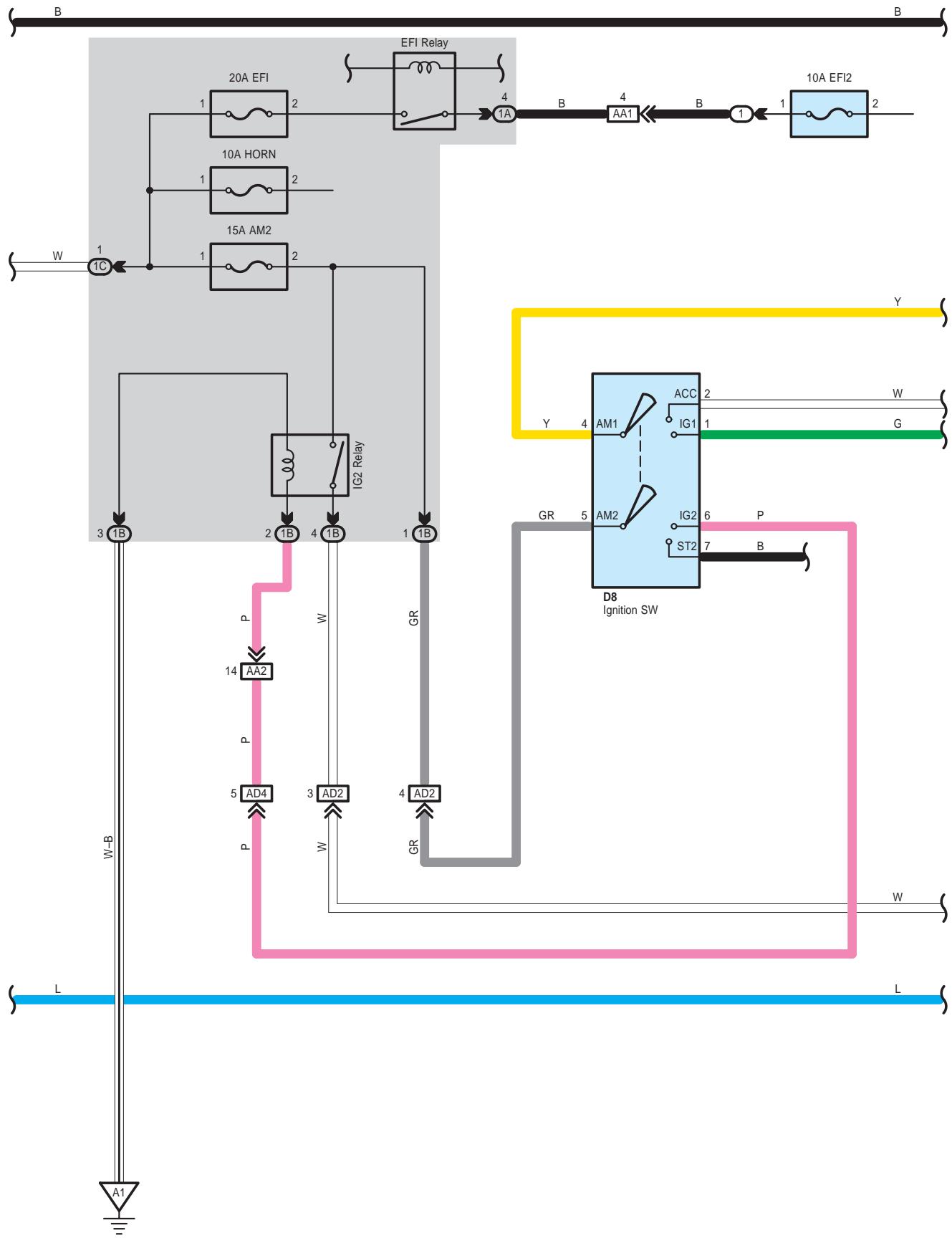
ELECTRICAL WIRING DIAGRAM

SYSTEM CIRCUITS

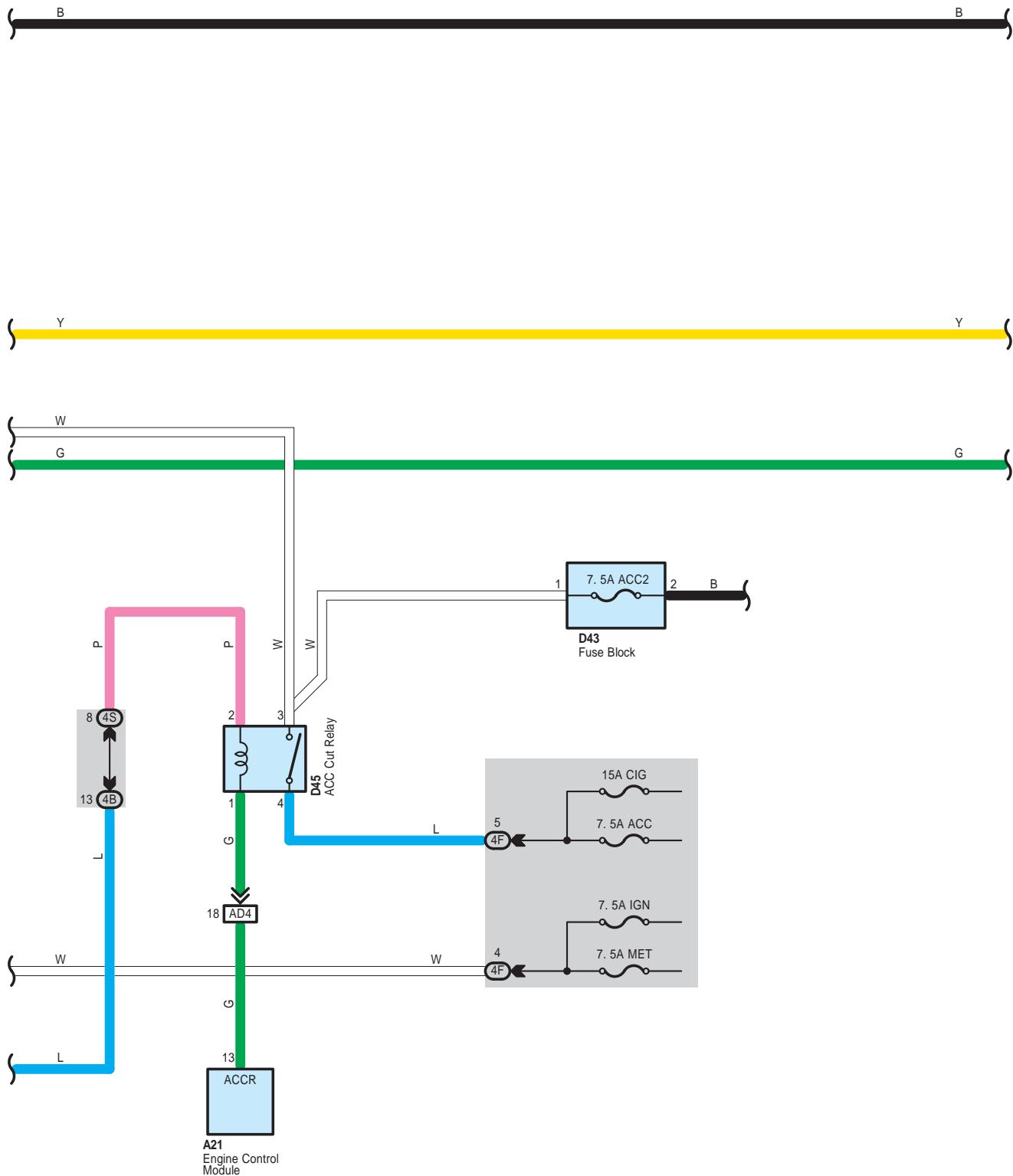
| | Page |
|----------------------------------------------------------------|------|
| ABS | 154 |
| Air Conditioning | 238 |
| Audio System | 222 |
| Back-Up Light | 140 |
| Charging | 78 |
| Cigarette Lighter | 220 |
| Combination Meter | 226 |
| Cooling Fan | 234 |
| Cruise Control | 102 |
| Data Link Connector 3 | 112 |
| Door Lock Control | 184 |
| Electronically Controlled Transmission and A/T Indicator | 96 |
| Engine Control | 84 |
| Engine Immobiliser System | 110 |
| EPS | 174 |
| Front Fog Light | 146 |
| Front Wiper and Washer | 208 |
| Headlight | 120 |
| Horn | 144 |
| Ignition | 80 |
| Illumination | 134 |
| Interior Light | 128 |
| Key Reminder | 150 |
| Light Reminder | 150 |
| Multiplex Communication System (CAN) | 116 |
| Power Outlet | 220 |
| Power Source | 68 |
| Power Window | 178 |
| Rear Window Defogger | 216 |
| Rear Wiper and Washer | 212 |
| Remote Control Mirror | 218 |
| Seat Belt Warning | 168 |
| Shift Lock | 214 |
| SRS | 159 |
| Starting | 74 |
| Stop Light | 142 |
| Taillight | 134 |
| Theft Deterrent | 200 |
| Turn Signal and Hazard Warning Light | 124 |
| Wireless Door Lock Control | 192 |

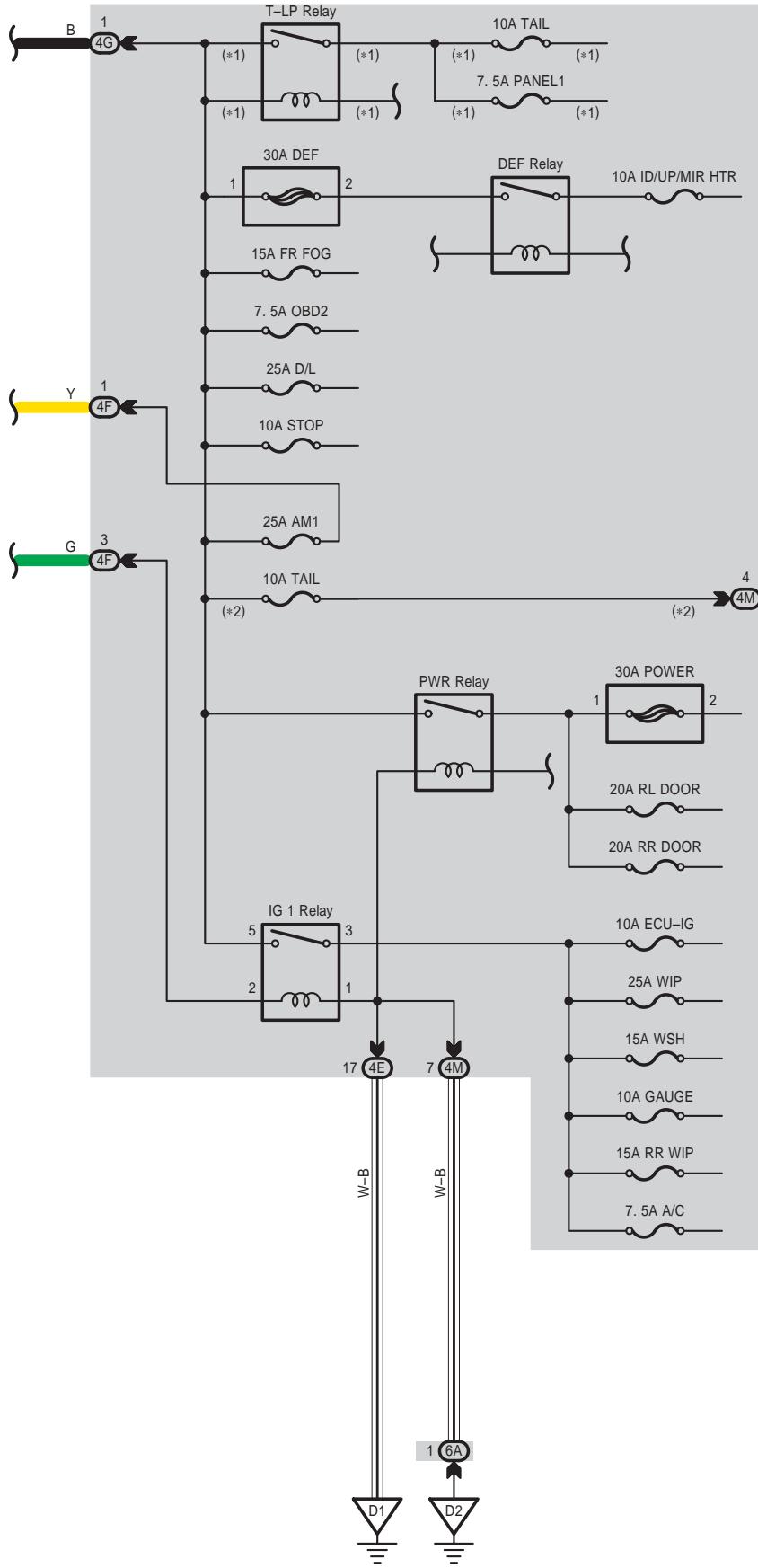
Power Source



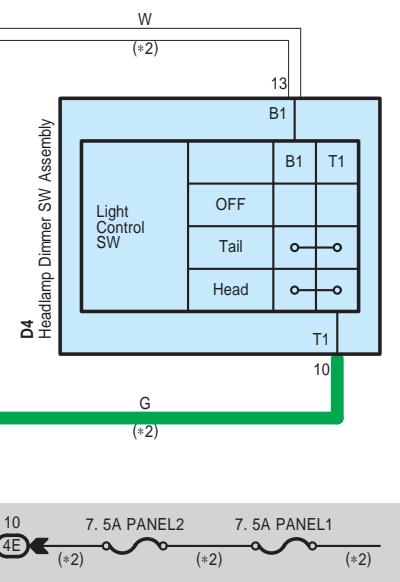


Power Source





* 1 : H/B, S/D *3
 * 2 : Except *1
 * 3 : Cold Area Spec.,
 w/ Engine Immobiliser System,
 w/ ABS,
 w/ Rear Window Defogger,
 w/ Door Lock Control,
 w/ Daytime Running Light,
 w/ Remote Control Mirror,
 w/ Air Conditioning



Power Source

 : Parts Location

| Code | See Page | Code | See Page | Code | See Page | |
|------|----------|--------------|----------|--------------|----------|--------------|
| A21 | 46 (H/B) | C10 | 47 (H/B) | D8 | 51 (H/B) | |
| | 48 (S/D) | | 49 (S/D) | | 53 (S/D) | |
| A27 | B | 43, 46 (H/B) | C30 | 42, 47 (H/B) | D43 | 45, 51 (H/B) |
| | | 43, 48 (S/D) | | 42, 49 (S/D) | | 45, 53 (S/D) |
| A28 | A | 43, 46 (H/B) | D4 | 51 (H/B) | D45 | 51 (H/B) |
| | | 43, 48 (S/D) | | 53 (S/D) | | 53 (S/D) |

 : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 1A | 25 | Engine Room Main Wire and Engine Room J/B (Engine Compartment Left) |
| 1B | | |
| 1C | 24 | |
| 1D | | |
| 1E | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | | |
| 4E | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4F | | |
| 4G | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4M | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4S | | |
| 6A | 40 | Instrument Panel Wire and J/B No.6 (Right Kick Panel) |

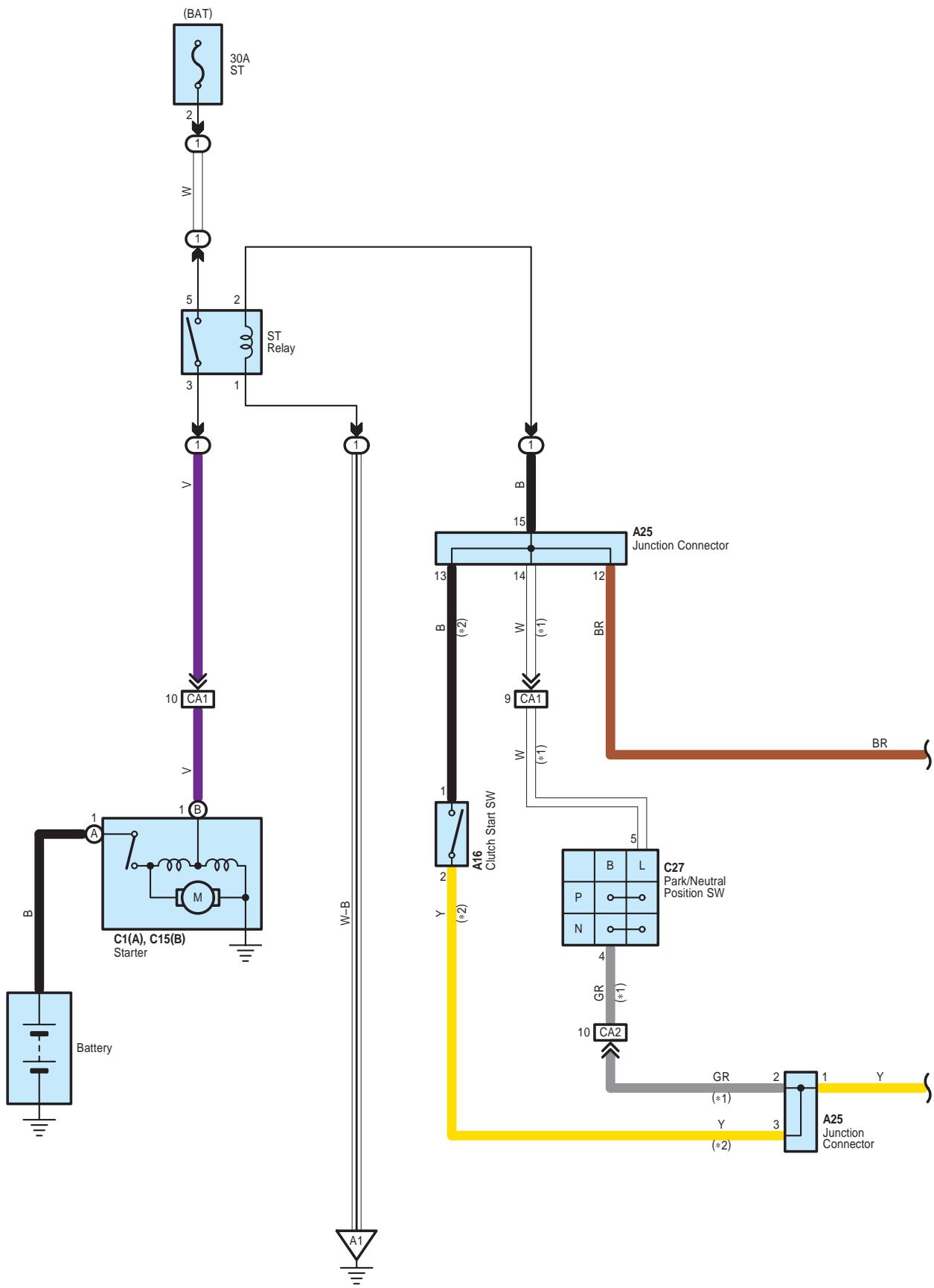
 : Connector Joining Wire Harness and Wire Harness

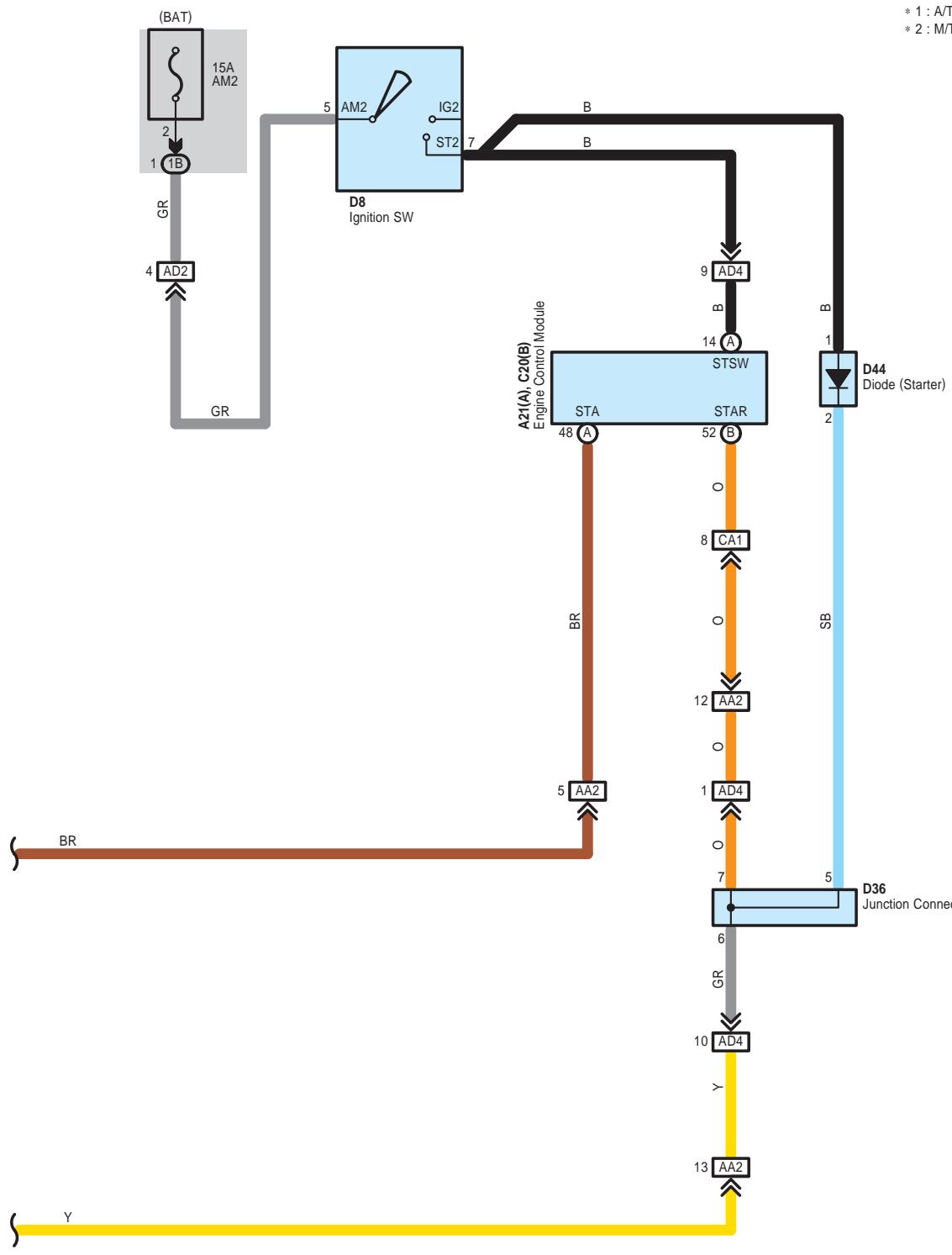
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-------------------------------------------------------------------------|
| AA1 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AA2 | 62 (H/B) | |
| | 63 (S/D) | |
| AD2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD4 | 62 (H/B) | |
| | 63 (S/D) | |

 : Ground Points

| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |
| D2 | 62 (H/B) | Right Kick Panel |
| | 63 (S/D) | |

Starting





Starting

 : Parts Location

| Code | | See Page | | Code | | See Page | | Code | | See Page | |
|------|----------|----------|---|----------|-----|----------|----------|------|----------|----------|--|
| A16 | 50 (H/B) | C1 | A | 49 (S/D) | C15 | B | 47 (H/B) | D8 | 51 (H/B) | 53 (S/D) | |
| | 52 (S/D) | | | 49 (S/D) | | | 47 (H/B) | | 51 (H/B) | | |
| A21 | A | 46 (H/B) | | 49 (S/D) | C20 | B | 47 (H/B) | D36 | 53 (S/D) | 51 (H/B) | |
| | | 48 (S/D) | | 49 (S/D) | | | 47 (H/B) | | 53 (S/D) | | |
| A25 | | 46 (H/B) | | 47 (H/B) | C27 | | 49 (S/D) | D44 | 51 (H/B) | 53 (S/D) | |
| | | 48 (S/D) | | 47 (H/B) | | | 49 (S/D) | | 53 (S/D) | | |
| C1 | A | 47 (H/B) | | | | | | | | | |

 : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 1B | 25 | Engine Room Main Wire and Engine Room J/B (Engine Compartment Left) |

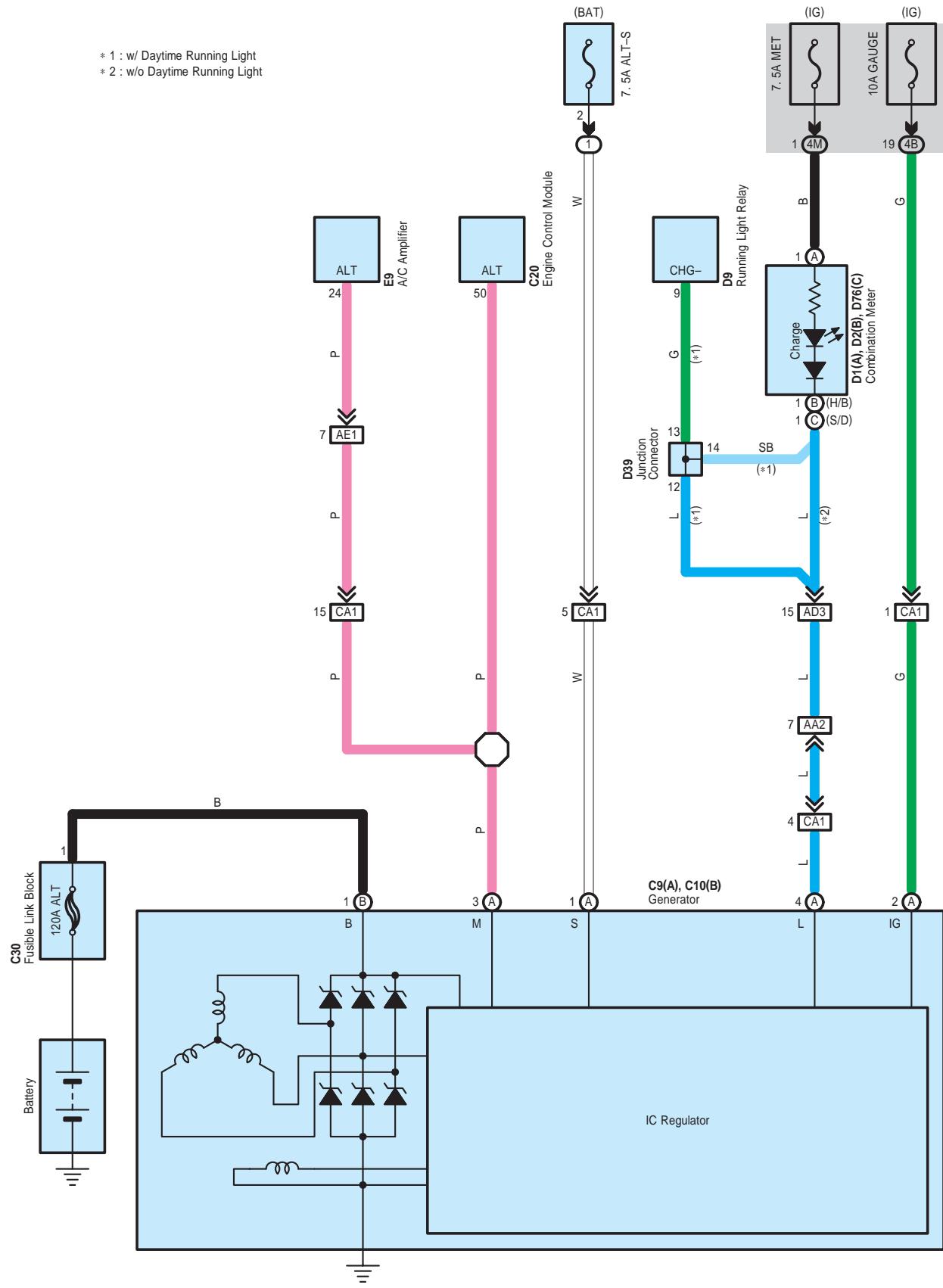
 : Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD4 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| CA1 | 60 (H/B) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |
| CA2 | 60 (H/B) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |

 : Ground Points

| Code | See Page | Ground Points Location |
|------|----------------------|------------------------|
| A1 | 60 (H/B) 61 (S/D) | Left Suspension Tower |

Charging



 : Parts Location

| Code | | See Page | | Code | | See Page | | Code | | See Page | | | | |
|------|---|----------|--|------|---|--------------|--|------|---|----------|--|--|--|--|
| C9 | A | 47 (H/B) | | C30 | | 42, 47 (H/B) | | D9 | | 53 (S/D) | | | | |
| | | 49 (S/D) | | | | 42, 49 (S/D) | | D39 | | 51 (H/B) | | | | |
| C10 | B | 47 (H/B) | | D1 | A | 51 (H/B) | | | | 53 (S/D) | | | | |
| | | 49 (S/D) | | | | 53 (S/D) | | D76 | C | 53 (S/D) | | | | |
| C20 | | 47 (H/B) | | D2 | B | 51 (H/B) | | | | E9 | | | | |
| | | 49 (S/D) | | D9 | | 51 (H/B) | | | | | | | | |

 : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

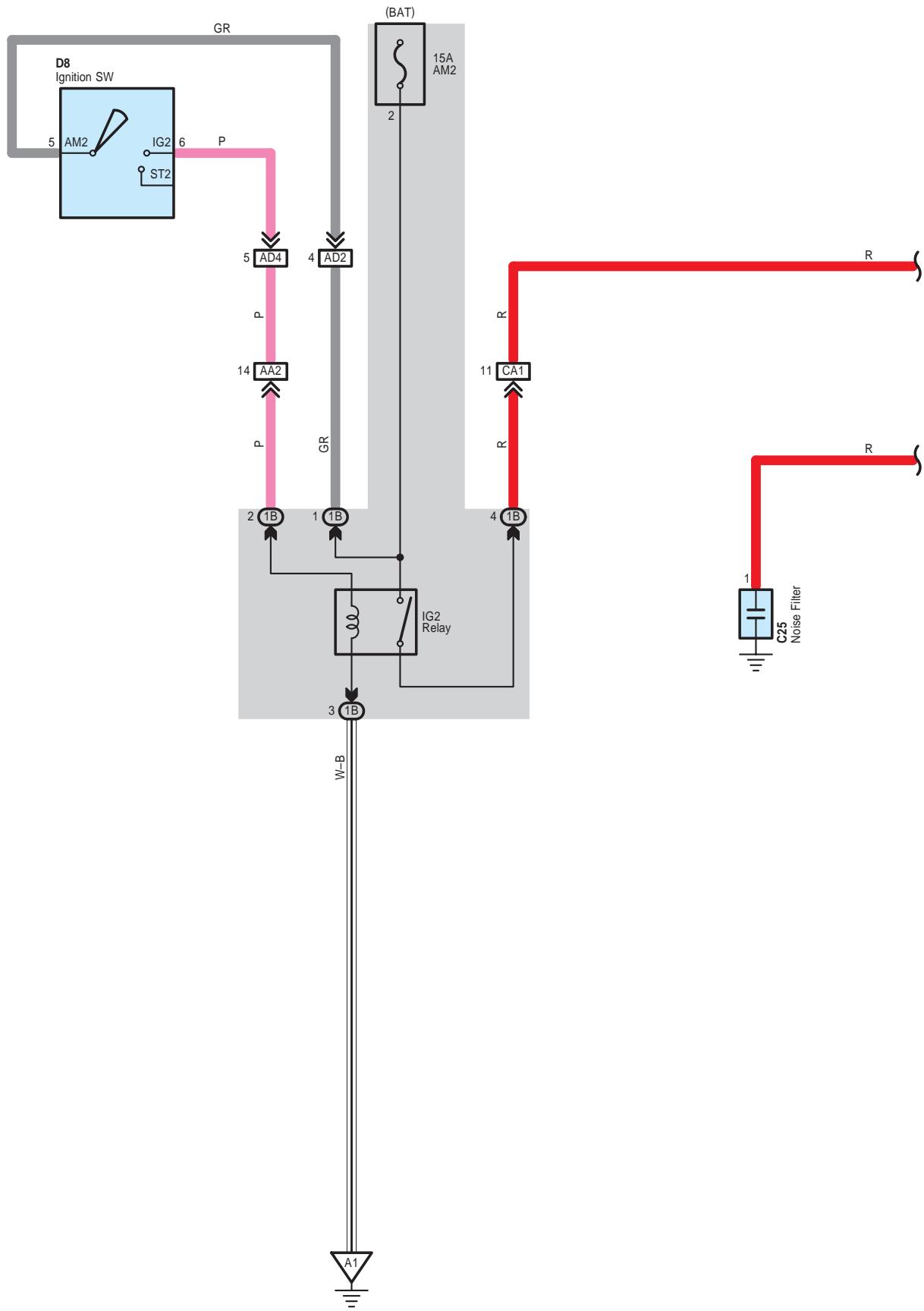
 : Junction Block and Wire Harness Connector

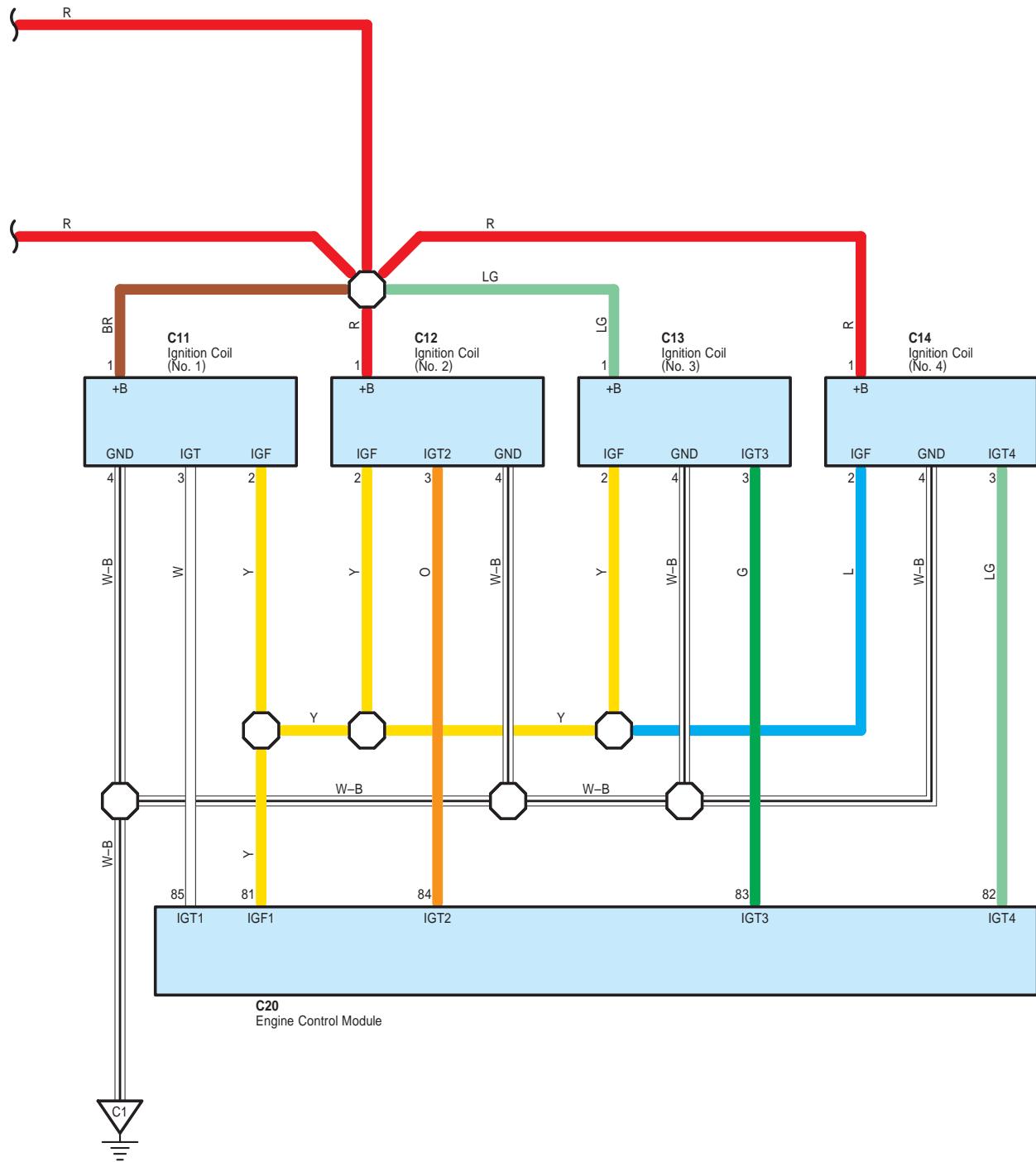
| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4M | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |

 : Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|------------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD3 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AE1 | 62 (H/B) | Engine Room Main Wire and Instrument Panel No.2 Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| CA1 | 60 (H/B) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |

Ignition





Ignition

 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|----------|
| C11 | 47 (H/B) | C13 | 49 (S/D) | C25 | 47 (H/B) |
| | 49 (S/D) | C14 | 47 (H/B) | | 49 (S/D) |
| C12 | 47 (H/B) | C20 | 49 (S/D) | D8 | 51 (H/B) |
| | 49 (S/D) | | 47 (H/B) | | 53 (S/D) |
| C13 | 47 (H/B) | C20 | 49 (S/D) | | |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 1B | 25 | Engine Room Main Wire and Engine Room J/B (Engine Compartment Left) |

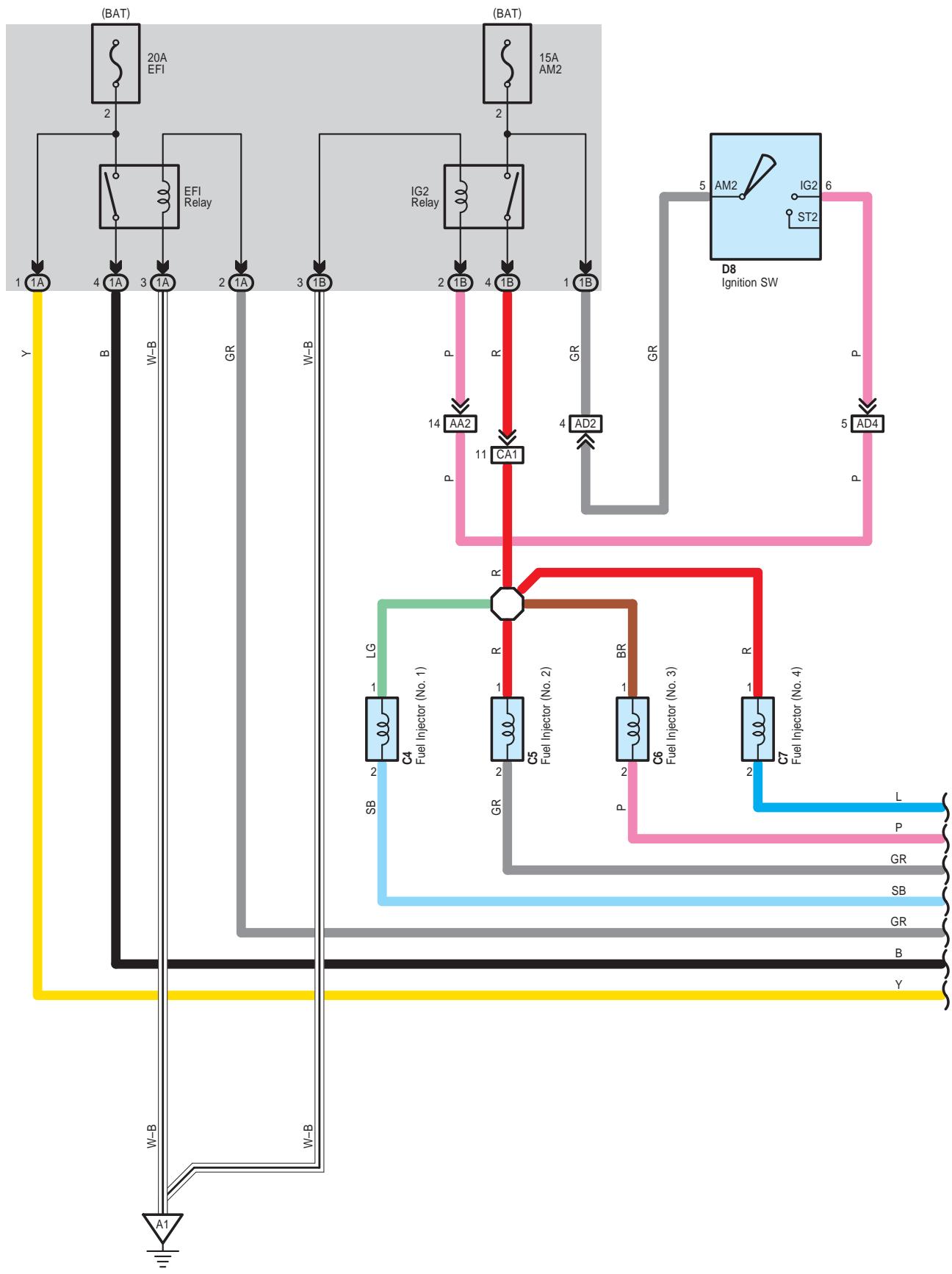
 : Connector Joining Wire Harness and Wire Harness

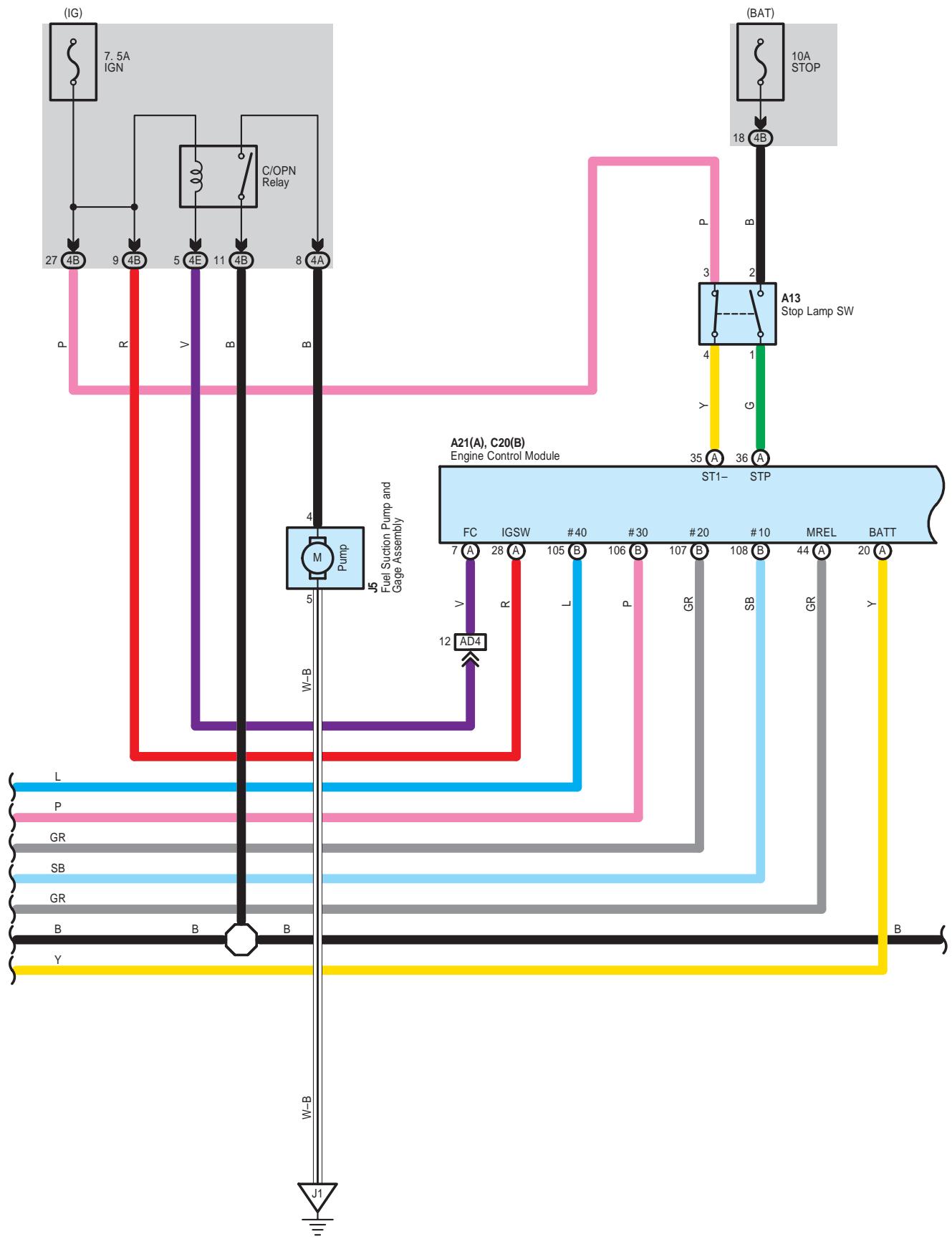
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD4 | 62 (H/B) | |
| | 63 (S/D) | |
| CA1 | 60 (H/B) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |

 : Ground Points

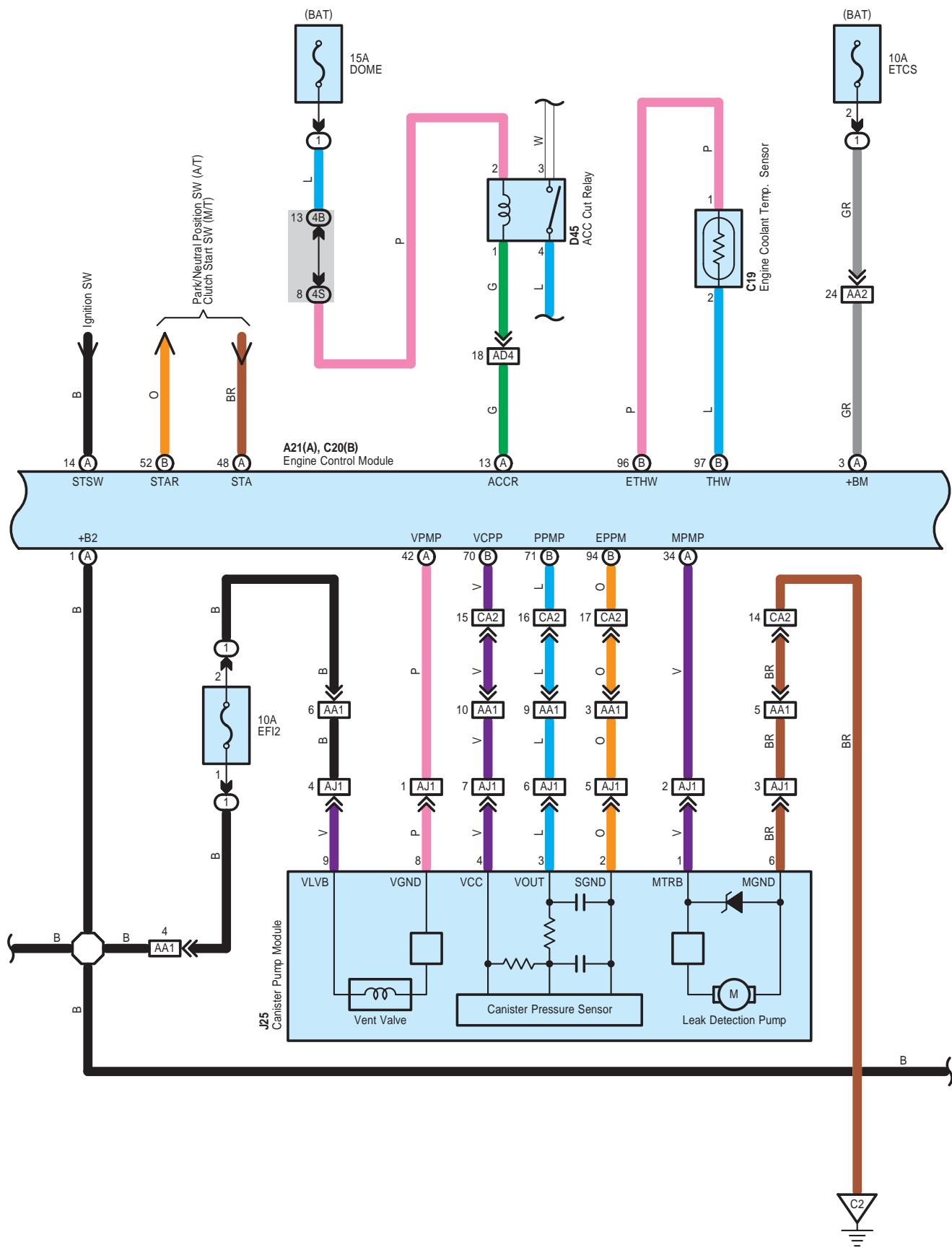
| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| C1 | 60 (H/B) | Engine Block Left |
| | 61 (S/D) | |

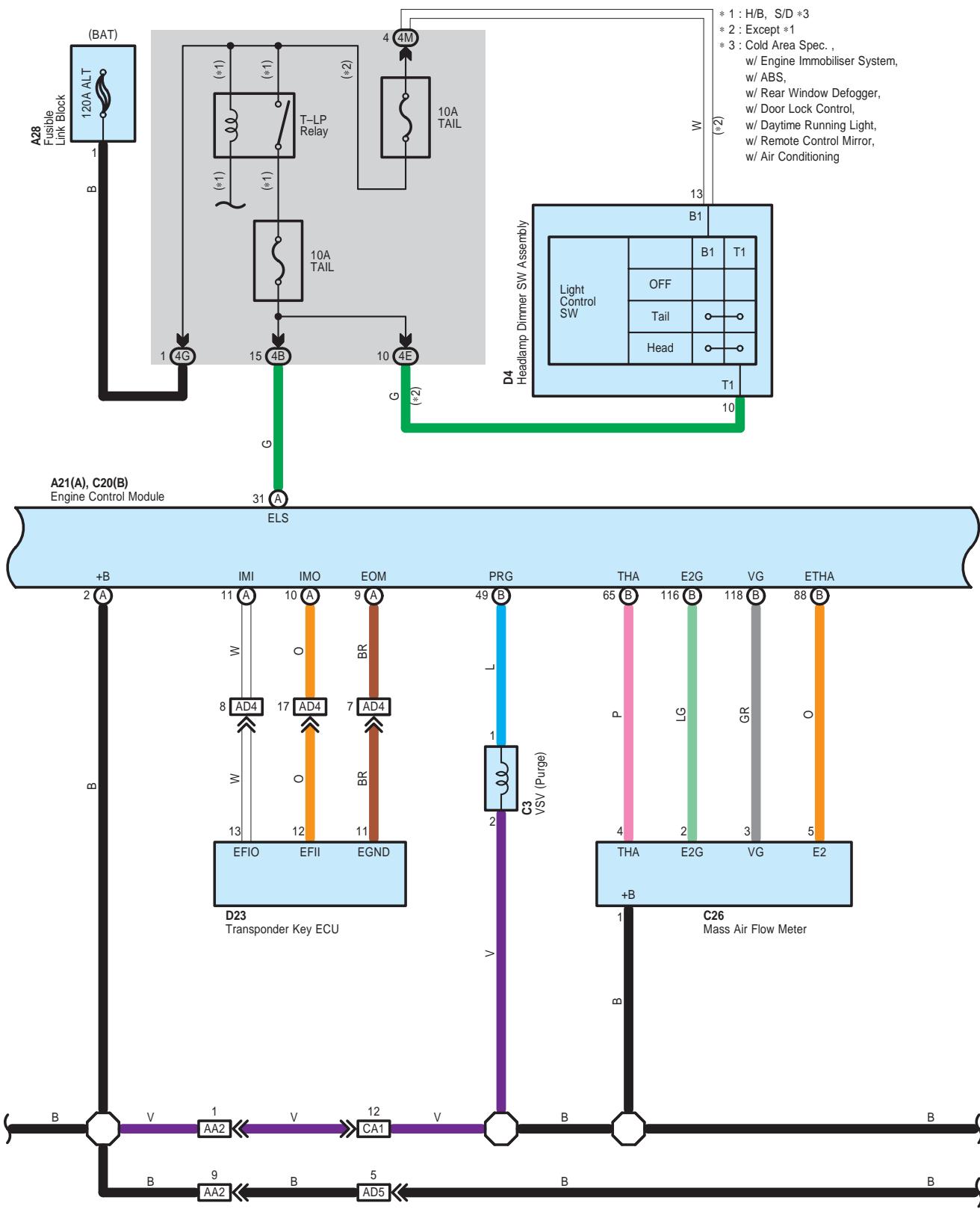
Engine Control



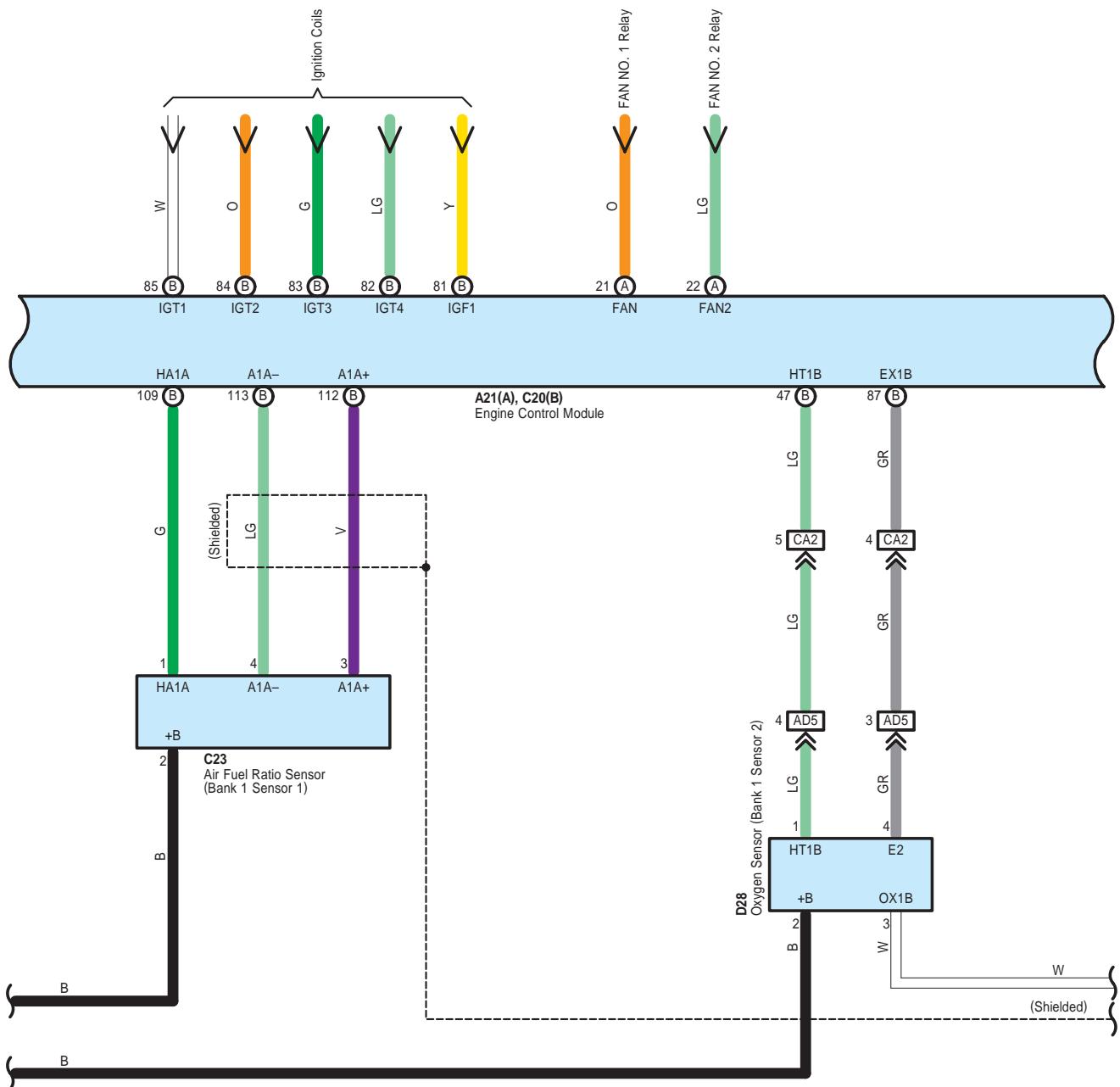


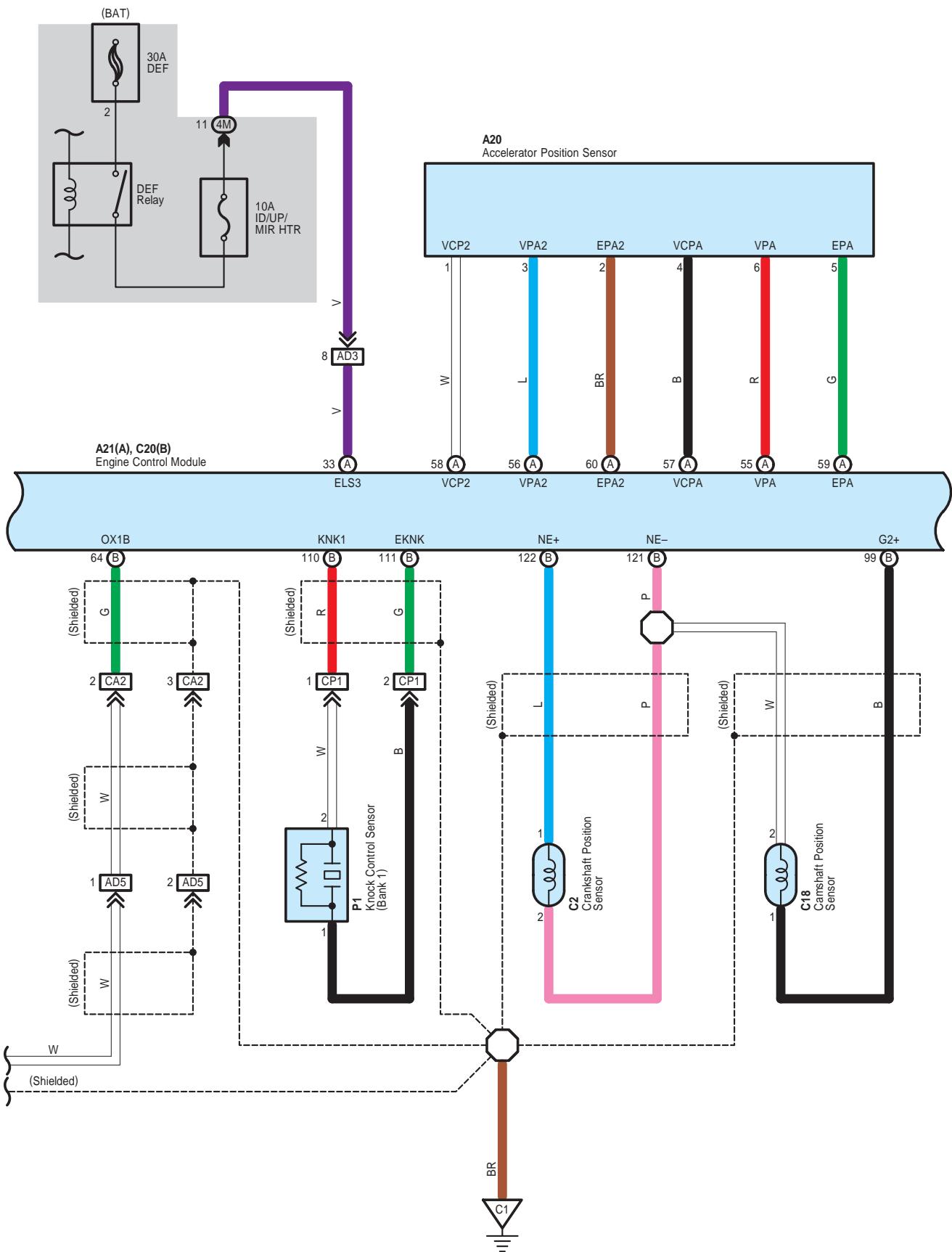
Engine Control



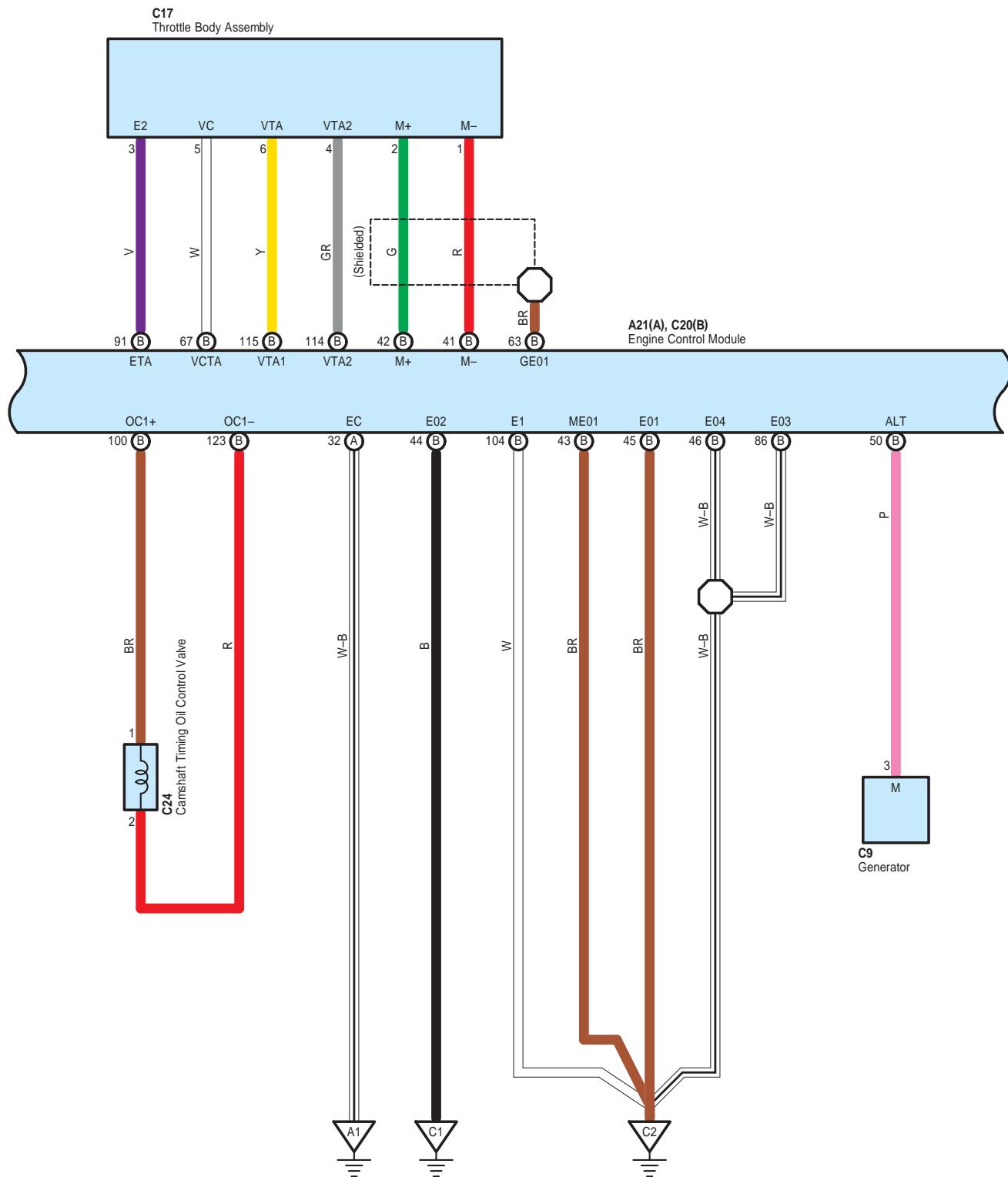


Engine Control

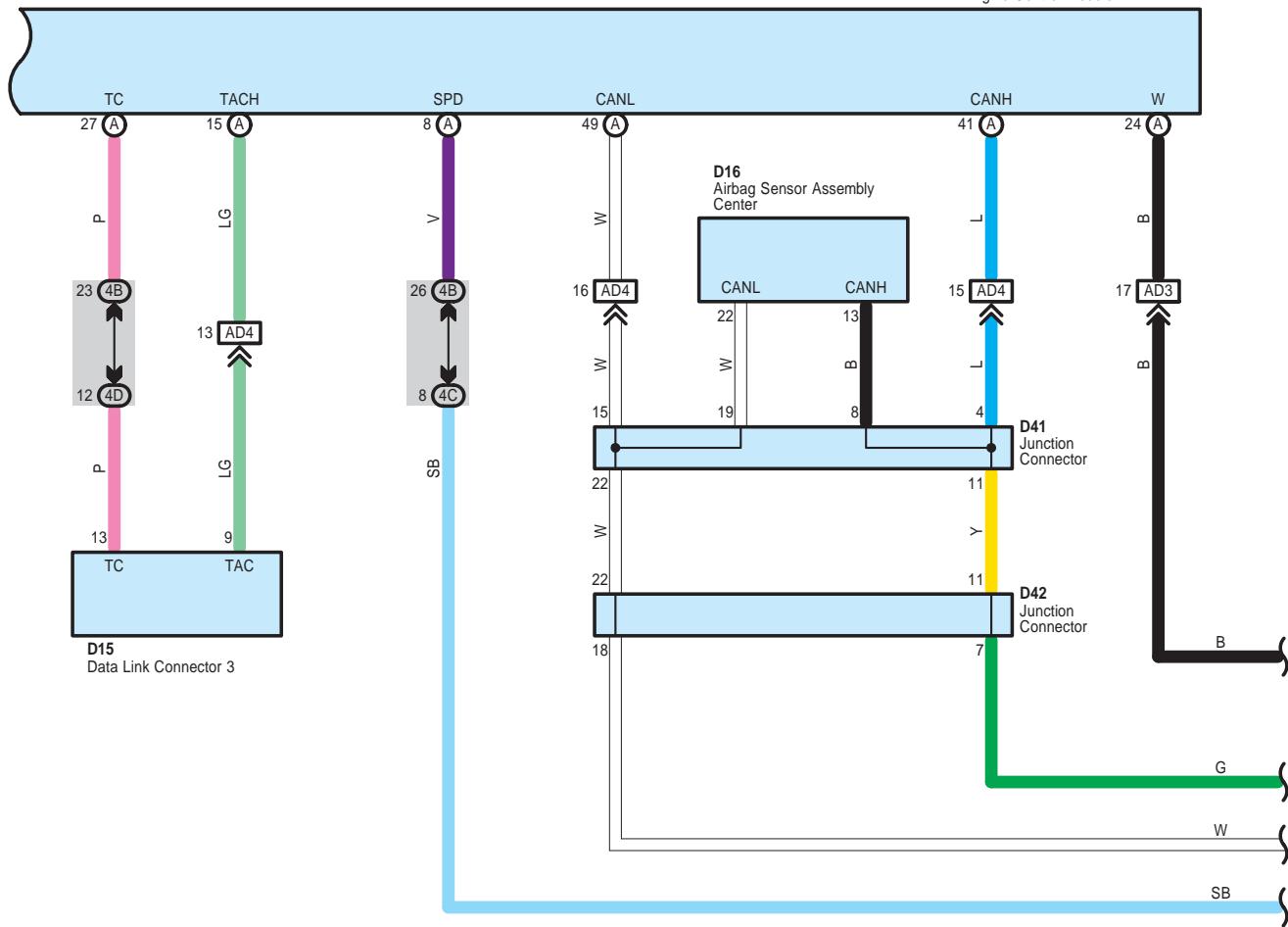




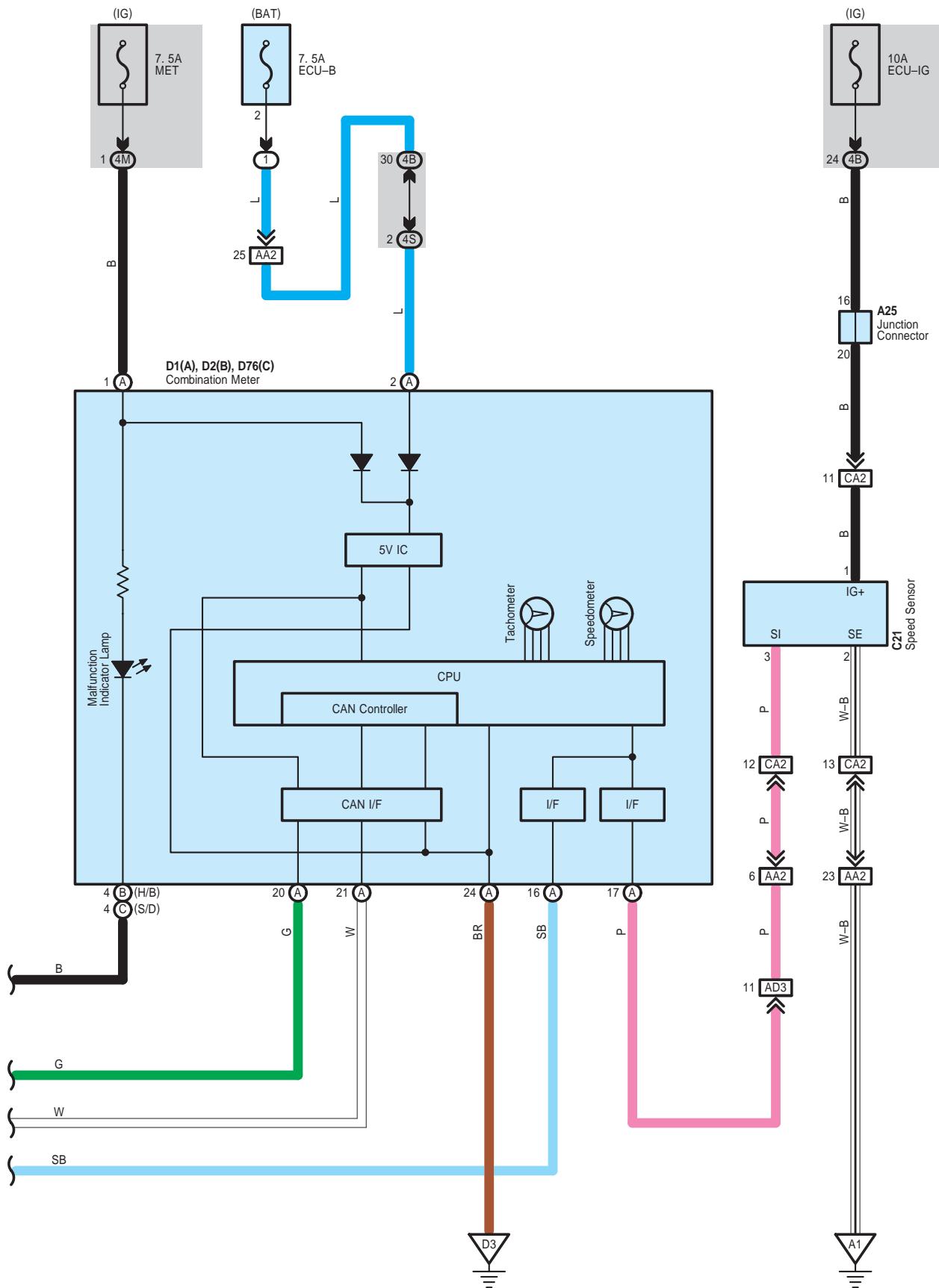
Engine Control



A21(A), C20(B)
Engine Control Module



Engine Control



System Outline

1. Electronic Fuel Injection

It controls to have appropriate fuel injection according to the basic injection time. The basic injection time is calculated to fit the engine condition and is corrected with signals from various sensors.

2. Electronic Spark Advance

Appropriate ignition is conducted according to the basic ignition timing which is calculated to fit the engine condition after correcting it with signals from various sensors.

3. Electronic Throttle Control System-intelligent

It controls to have appropriate throttle opening according to the throttle opening calculated to fit the engine condition after correcting it with signals from various sensors.

4. Variable Valve Timing-intelligent

It improves engine output, reduces exhaust gas and improves fuel consumption by varying the phase of the intake camshaft in accordance with the engine condition.

5. Electric Fan Control

It controls the switching ON/OFF and fan speed of the cooling fan according to the coolant temperature and air conditioner's condition.

6. Fuel Pump Control

It turns ON/OFF the fuel pump according to the starter signal and engine speed signal. It stops the fuel pump operation according to signals from the airbag sensor assembly center.

7. Air Conditioning Cut-Off Control

It reduces load of the air conditioner's compressor in acceleration in order to secure the drivability.

8. Canister Purge Control

It controls the purge flow volume of the canister according to the coolant temperature and driving condition.

9. Cranking Hold Control

It continues to supply electricity to the starter between the start of cranking and the engine start in order to prevent the engine start failure by the key's switching off just before the engine's complete explosion.

10. Oxygen Sensor Control

It switches ON/OFF the oxygen sensor according to the coolant temperature and driving condition.

11. Diagnosis

It realizes accurate and detailed diagnosis of a failure such as calling the SAE specified diagnosis code data and active test by using the diagnosis tool.

12. Fail-Safe

When the engine control module detects abnormality in signals of the sensors, it stops or continues to control the engine by using the standard values in the engine control module.

Engine Control

○ : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|--------------|------|----------|----------|-------------|
| A13 | 50 (H/B) | C17 | 47 (H/B) | D15 | 53 (S/D) |
| | 52 (S/D) | | 49 (S/D) | D16 | 51 (H/B) |
| A20 | 50 (H/B) | C18 | 47 (H/B) | D23 | 53 (S/D) |
| | 52 (S/D) | | 49 (S/D) | | 51 (H/B) |
| A21 | A | C19 | 47 (H/B) | D28 | 53 (S/D) |
| | | | 49 (S/D) | | 51 (H/B) |
| A25 | 46 (H/B) | C20 | 47 (H/B) | D41 | 53 (S/D) |
| | 48 (S/D) | | 49 (S/D) | | 51 (H/B) |
| A28 | 43, 46 (H/B) | C21 | 47 (H/B) | D42 | 53 (S/D) |
| | 43, 48 (S/D) | | 49 (S/D) | | 51 (H/B) |
| C2 | 47 (H/B) | C23 | 47 (H/B) | D45 | 53 (S/D) |
| | 49 (S/D) | | 49 (S/D) | | 51 (H/B) |
| C3 | 47 (H/B) | C24 | 47 (H/B) | D76 | 53 (S/D) |
| | 49 (S/D) | | 49 (S/D) | | C |
| C4 | 47 (H/B) | C26 | 47 (H/B) | J5 | 55 (5-Door) |
| | 49 (S/D) | | 49 (S/D) | | 57 (3-Door) |
| C5 | 47 (H/B) | D1 | 51 (H/B) | J25 | 59 (4-Door) |
| | 49 (S/D) | | 53 (S/D) | | 55 (5-Door) |
| C6 | 47 (H/B) | D2 | B | 51 (H/B) | 57 (3-Door) |
| | 49 (S/D) | | | 51 (H/B) | 59 (4-Door) |
| C7 | 47 (H/B) | D8 | | P1 | 47 (H/B) |
| | 49 (S/D) | | 53 (S/D) | | 49 (S/D) |
| C9 | 47 (H/B) | D15 | | | |
| | 49 (S/D) | | 51 (H/B) | | |

○ : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

○ : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 1A | 25 | Engine Room Main Wire and Engine Room J/B (Engine Compartment Left) |
| 1B | | |
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4C | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4D | | |
| 4E | | |
| 4G | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4M | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4S | | |

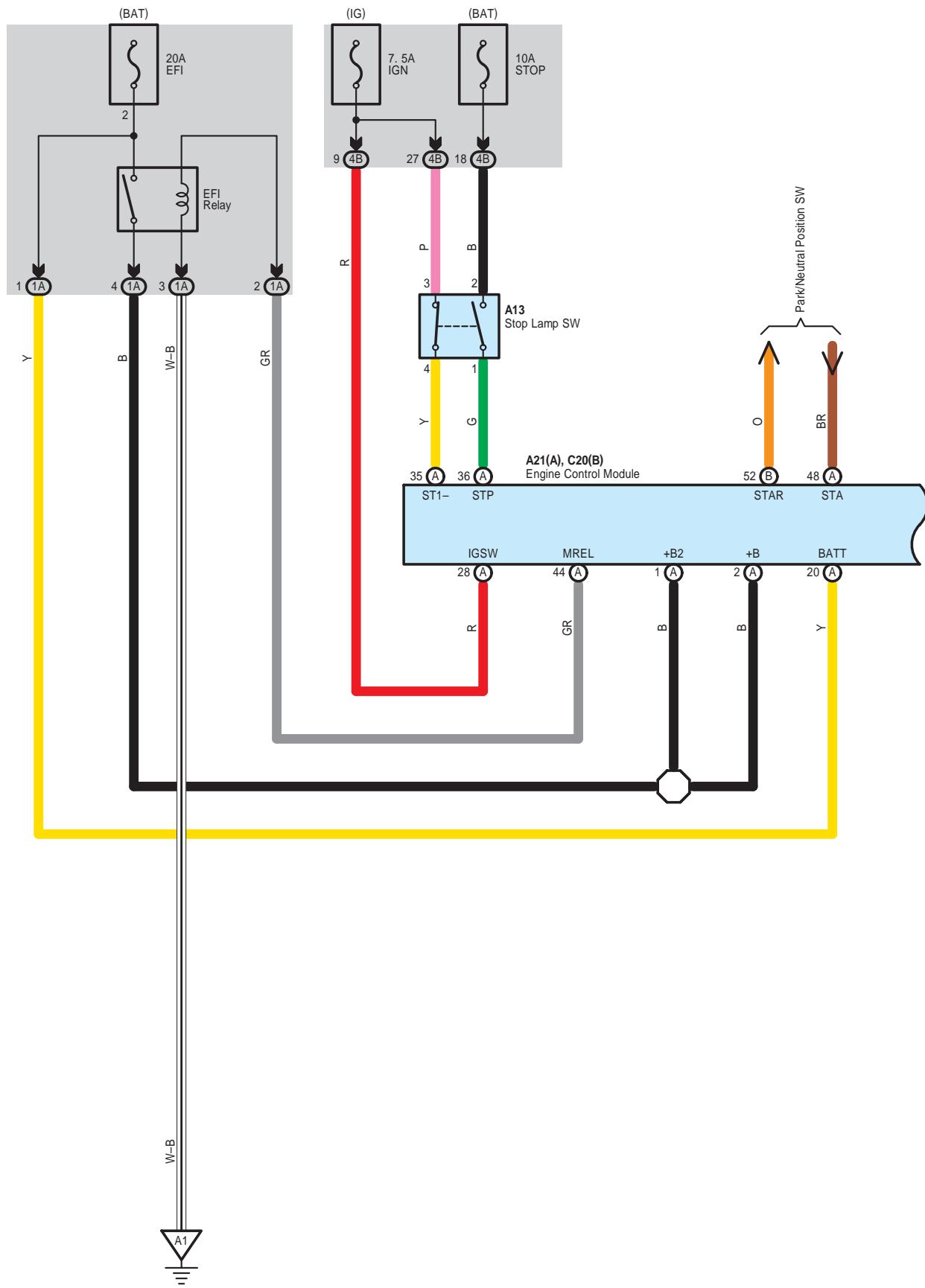
 : Connector Joining Wire Harness and Wire Harness

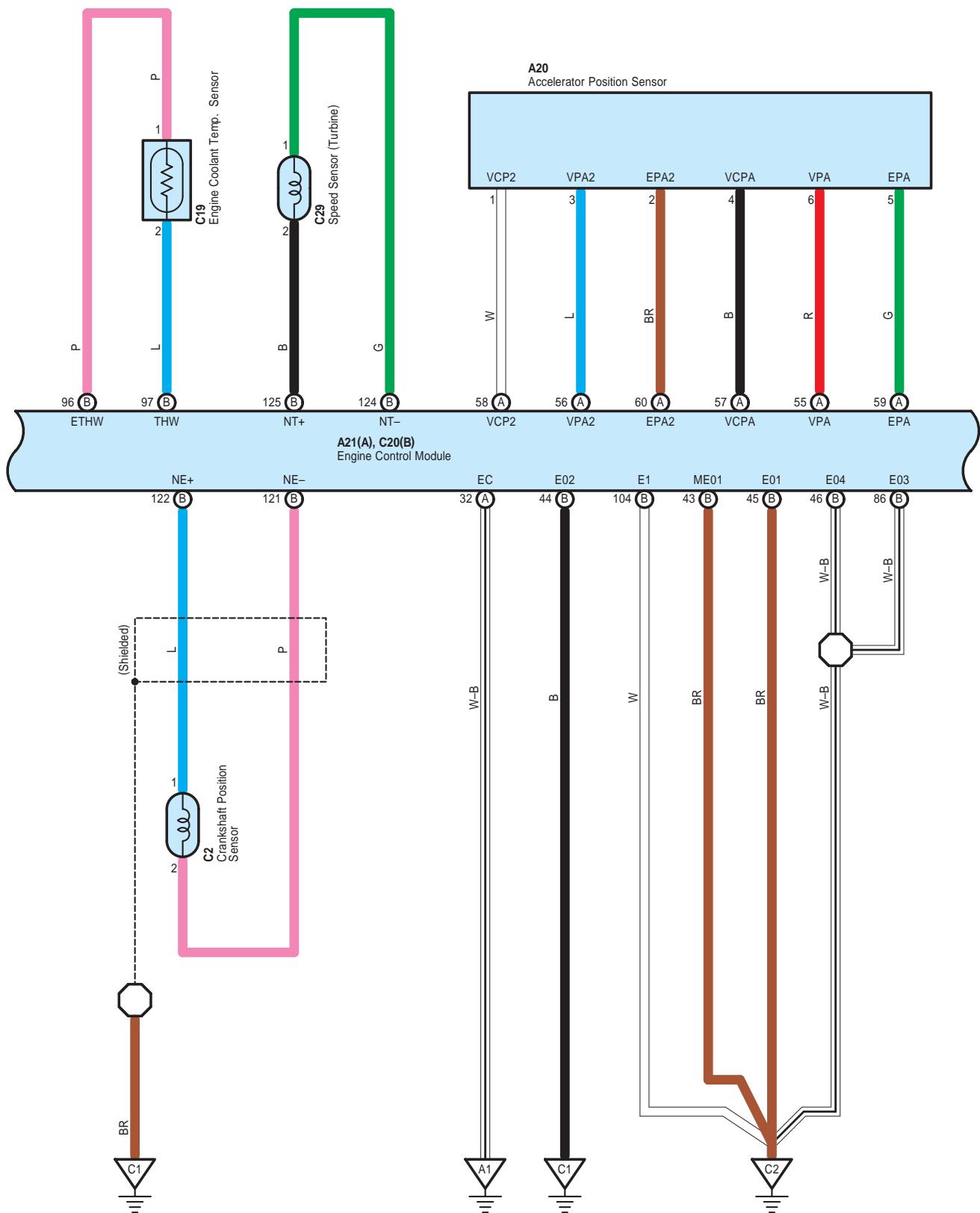
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-------------------------------------------------------------------------|
| AA1 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AA2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD3 | 62 (H/B) | Engine Room Main Wire and Floor Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD4 | 62 (H/B) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 63 (S/D) | |
| AD5 | 62 (H/B) | Engine Wire and Sensor Wire (Engine Compartment Center) |
| | 63 (S/D) | |
| AJ1 | 62 (H/B) | Engine Wire and Sensor Wire (Engine Compartment Center) |
| | 63 (S/D) | |
| CA1 | 60 (H/B) | Engine Wire and Sensor Wire (Engine Compartment Center) |
| | 61 (S/D) | |
| CA2 | 60 (H/B) | Engine Wire and Sensor Wire (Engine Compartment Center) |
| | 61 (S/D) | |
| CP1 | 60 (H/B) | Engine Wire and Sensor Wire (Engine Compartment Center) |
| | 61 (S/D) | |

 : Ground Points

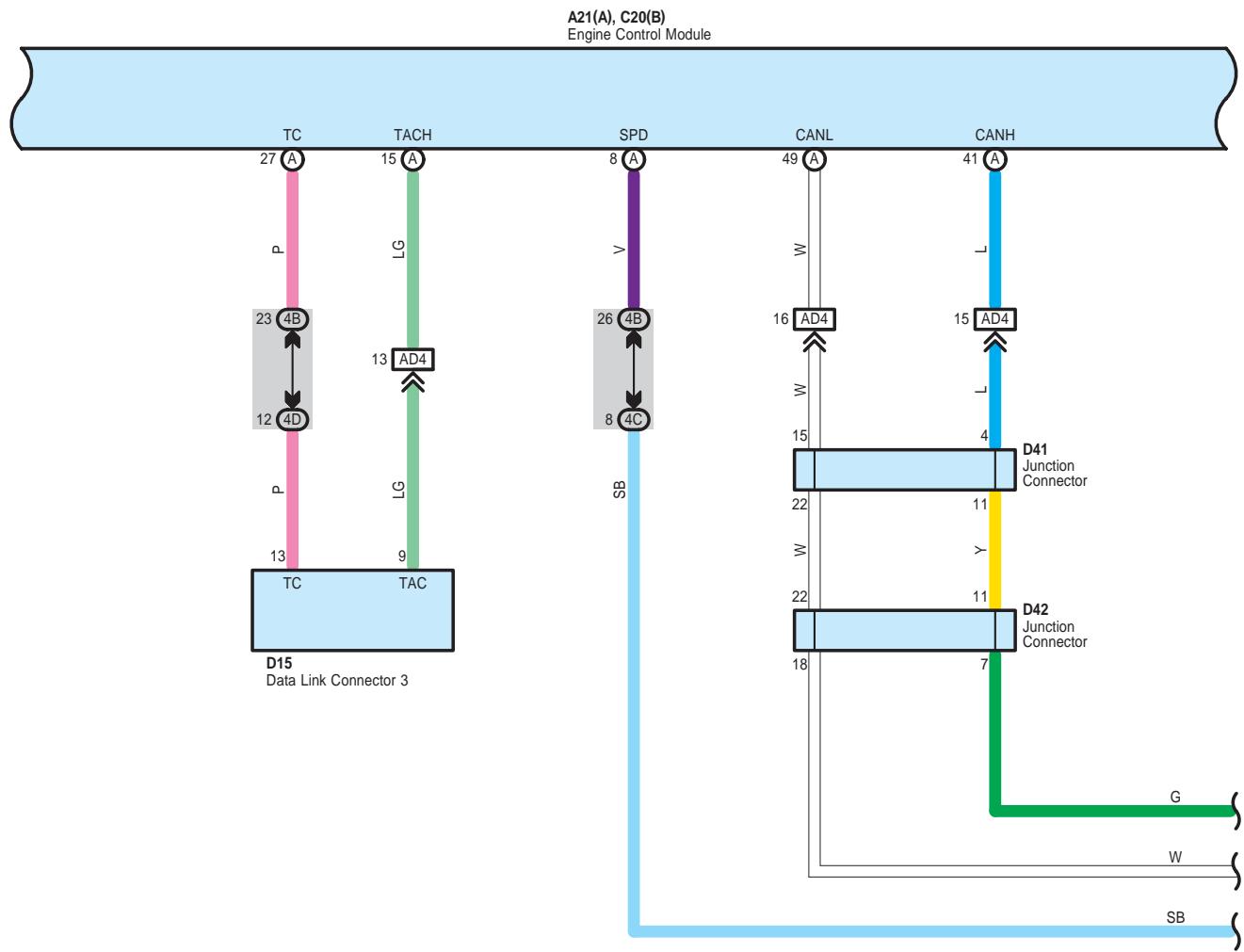
| Code | See Page | Ground Points Location |
|------|-------------|-------------------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| C1 | 60 (H/B) | Engine Block Left |
| | 61 (S/D) | |
| C2 | 60 (H/B) | Instrument Panel Reinforcement Left |
| | 61 (S/D) | |
| D3 | 62 (H/B) | Instrument Panel Reinforcement Left |
| | 63 (S/D) | |
| J1 | 64 (5-Door) | Right Rear Quarter Panel |
| | 65 (3-Door) | |
| | 66 (4-Door) | |
| | | Lower Back Panel Right |

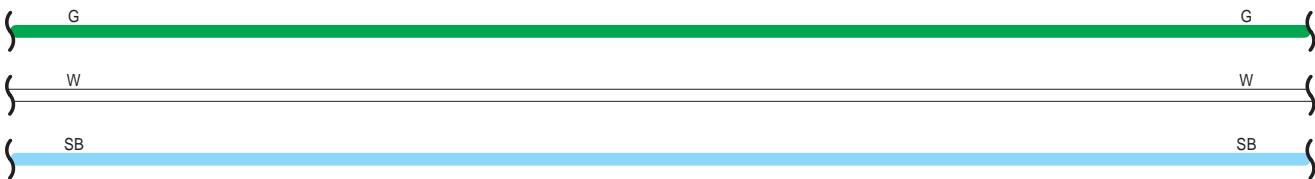
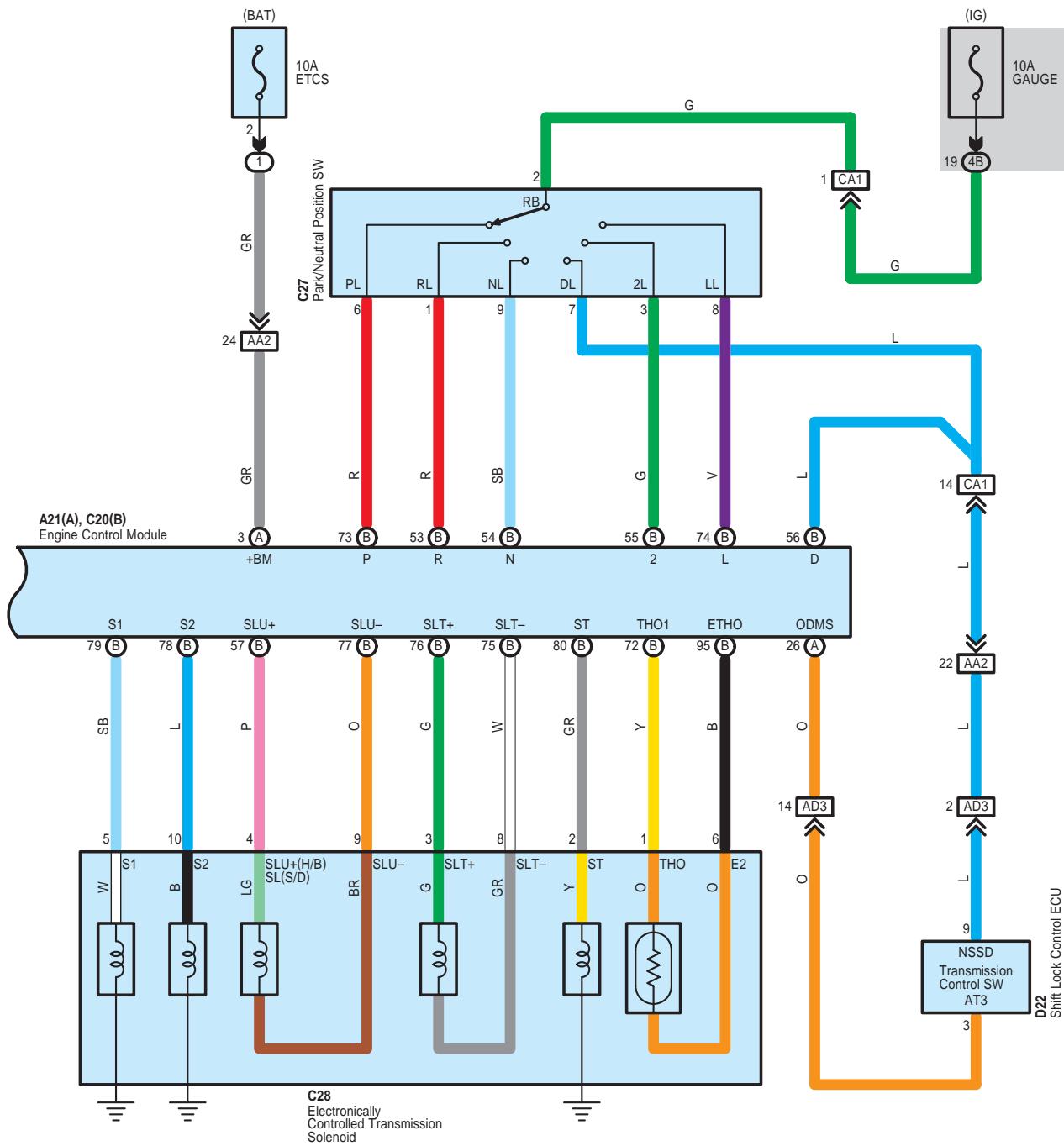
ECT and A/T Indicator



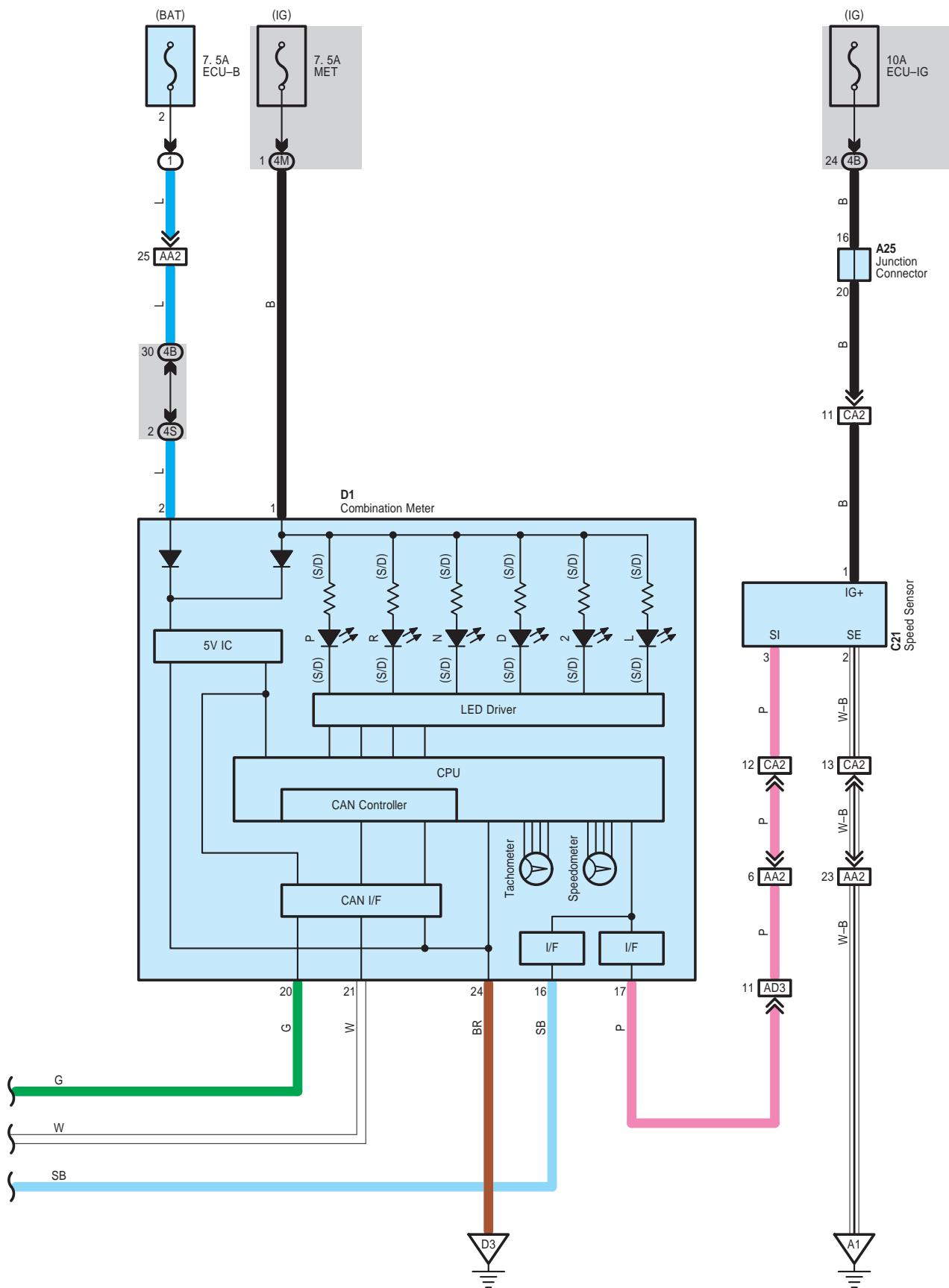


ECT and A/T Indicator





ECT and A/T Indicator



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|----------|
| A13 | 50 (H/B) | C19 | 49 (S/D) | D1 | 51 (H/B) |
| | 52 (S/D) | | 47 (H/B) | | 53 (S/D) |
| A20 | 50 (H/B) | C20 | B | D15 | 51 (H/B) |
| | 52 (S/D) | | | | 53 (S/D) |
| A21 | A | C21 | 49 (S/D) | D22 | 51 (H/B) |
| | 48 (S/D) | | 47 (H/B) | | 53 (S/D) |
| A25 | 46 (H/B) | C27 | 49 (S/D) | D41 | 51 (H/B) |
| | 48 (S/D) | | 47 (H/B) | | 53 (S/D) |
| C2 | 47 (H/B) | C28 | 49 (S/D) | D42 | 51 (H/B) |
| | 49 (S/D) | | 47 (H/B) | | 53 (S/D) |
| C19 | 47 (H/B) | C29 | 49 (S/D) | | |

 : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 1A | 25 | Engine Room Main Wire and Engine Room J/B (Engine Compartment Left) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4C | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4D | | |
| 4M | 31 | |
| 4S | | |

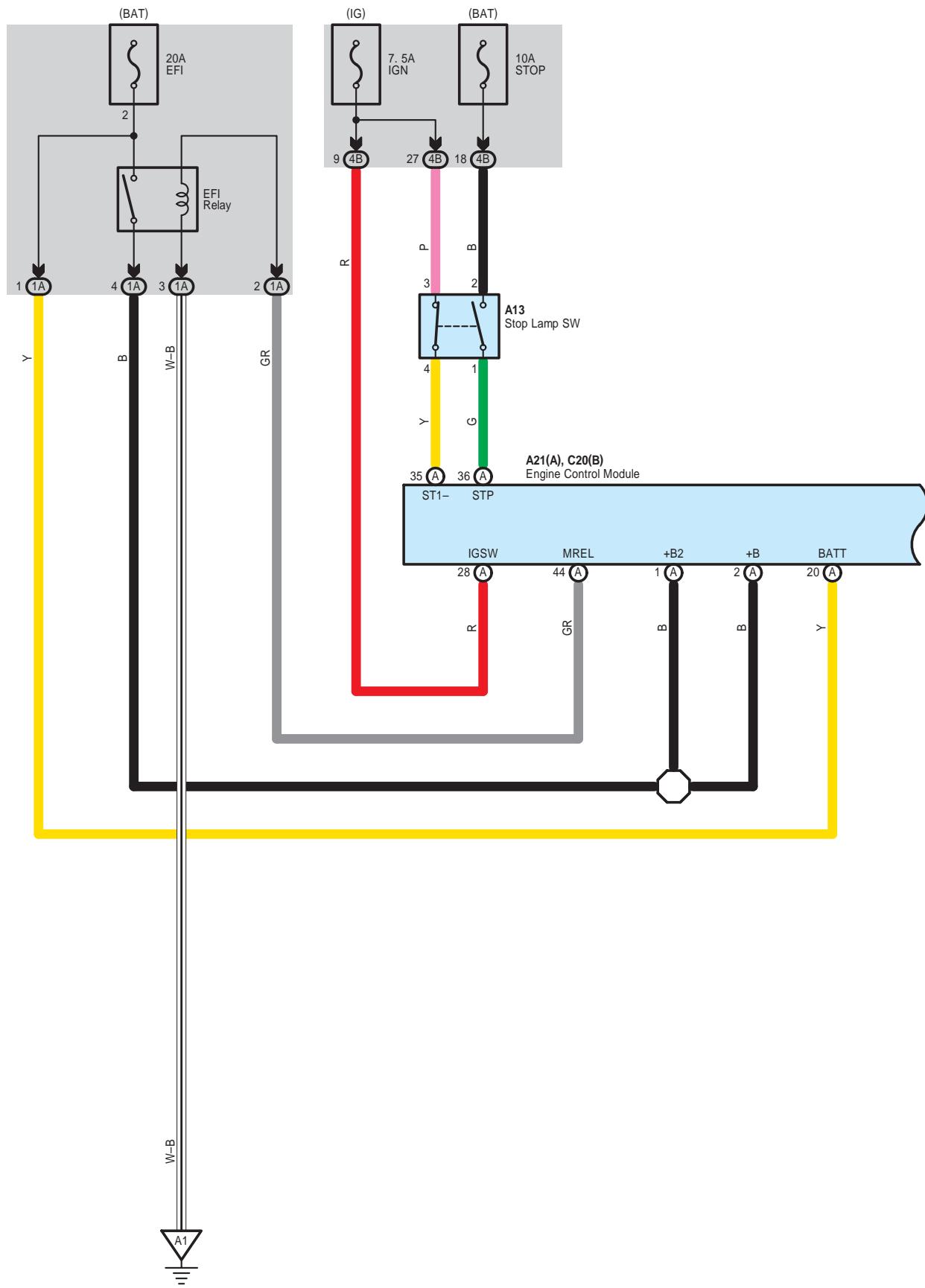
 : Connector Joining Wire Harness and Wire Harness

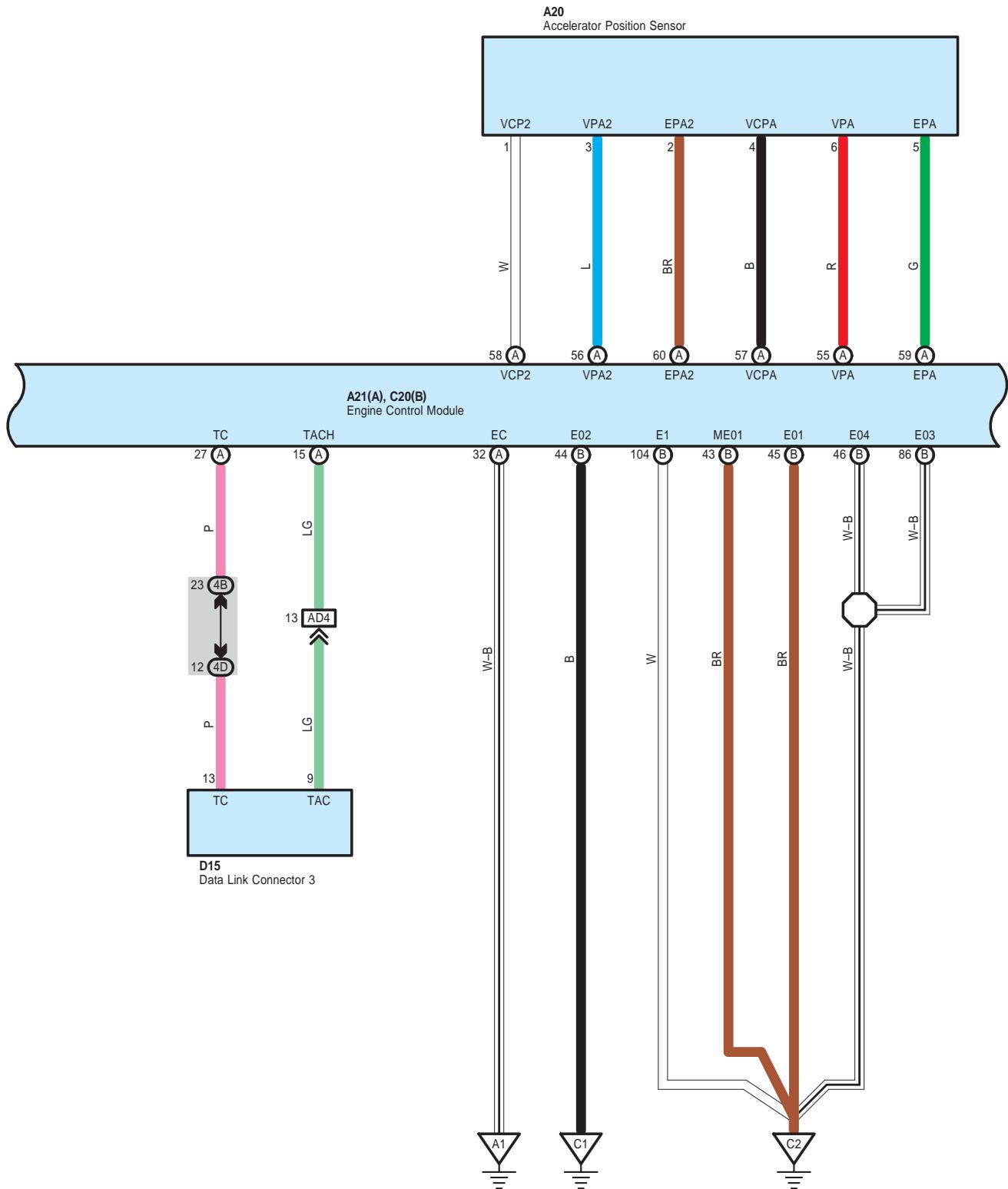
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD3 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD4 | 62 (H/B) | |
| | 63 (S/D) | |
| CA1 | 60 (H/B) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |
| CA2 | 60 (H/B) | |
| | 61 (S/D) | |

 : Ground Points

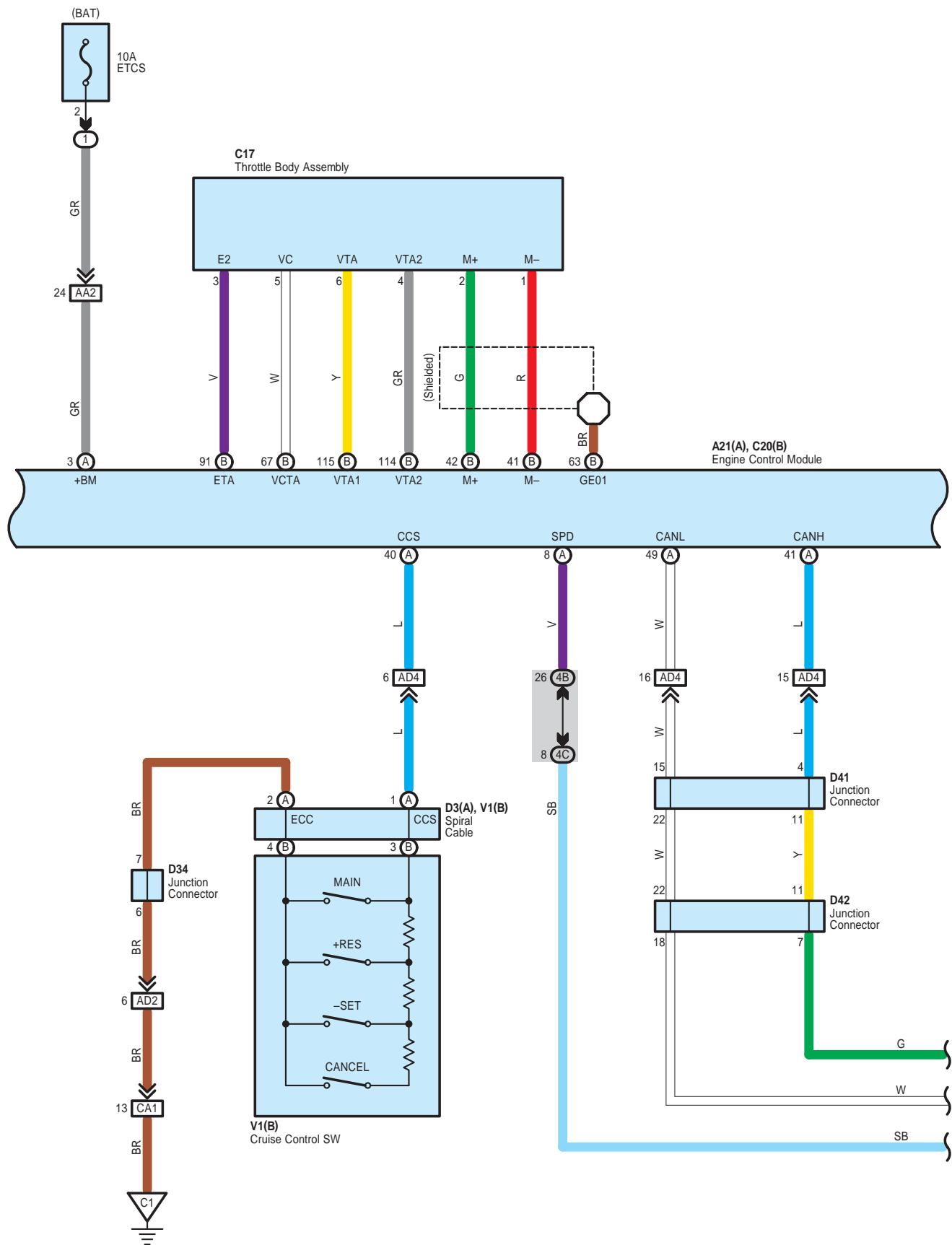
| Code | See Page | Ground Points Location |
|------|----------|-------------------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| C1 | 60 (H/B) | Engine Block Left |
| | 61 (S/D) | |
| C2 | 60 (H/B) | |
| | 61 (S/D) | |
| D3 | 62 (H/B) | Instrument Panel Reinforcement Left |
| | 63 (S/D) | |

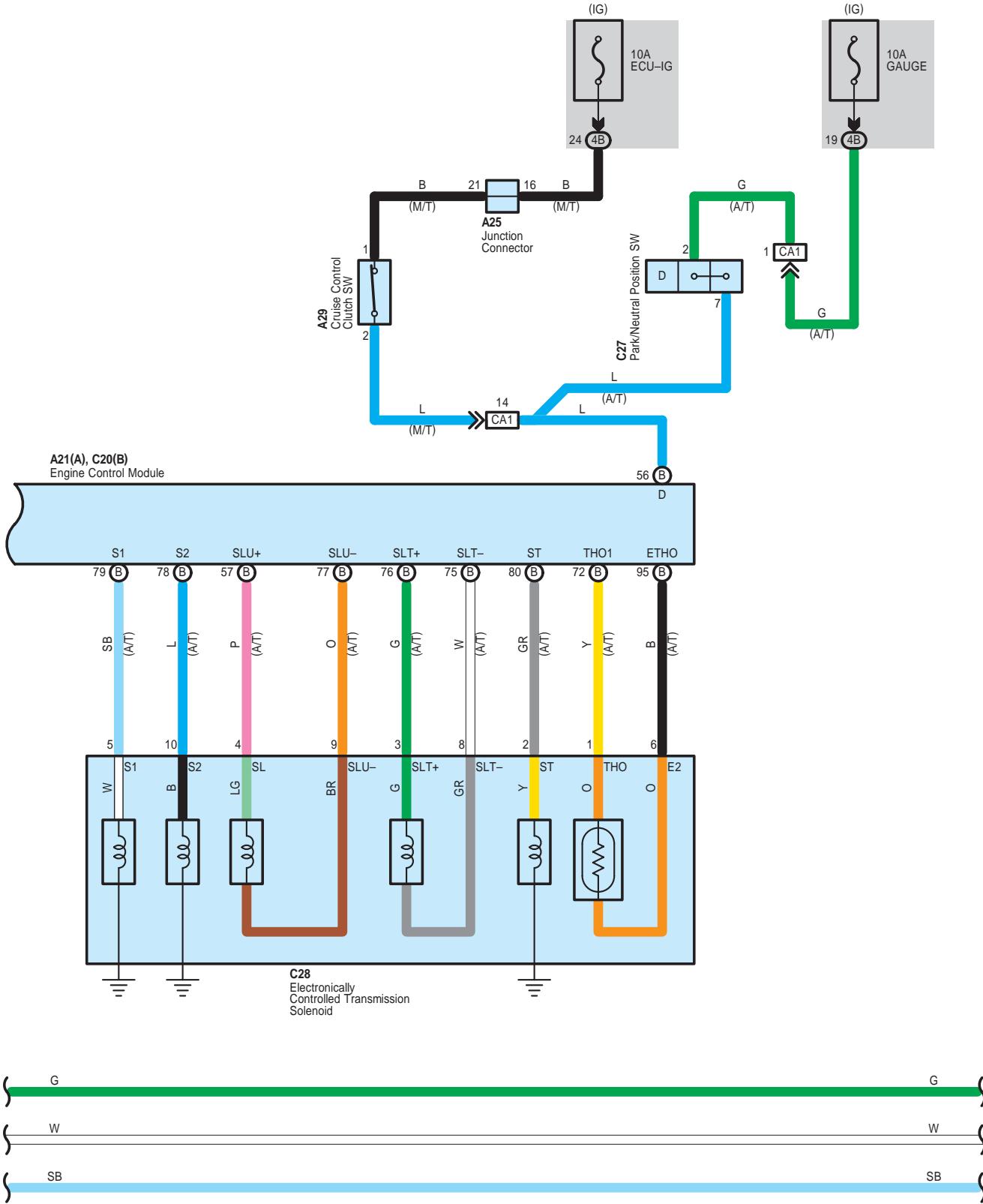
Cruise Control



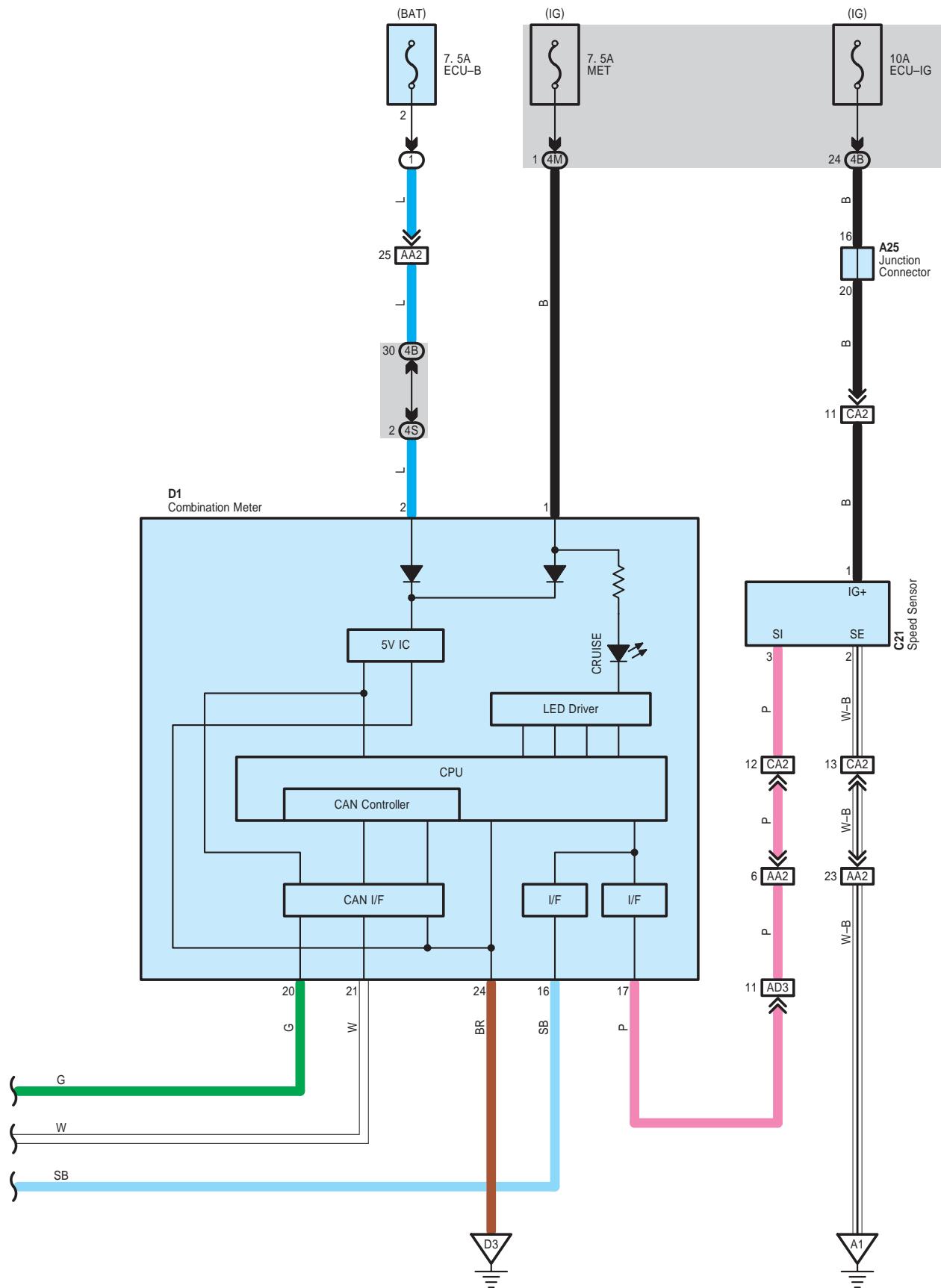


Cruise Control





Cruise Control



System Outline

The cruise control system is a constant vehicle speed controller in which control of the switch on the instrument panel makes it possible to automatically adjust the opening of the engine throttle valve without depressing the accel pedal.

1. Set Operation

When the CRUISE SW is turned on and the SET SW is pushed with the vehicle speed within the set limit (Approx. 40 km/h, 25 mph to 200 km/h, 124 mph), a signal is input to TERMINAL CCS of the engine control module, and the vehicle speed at the time the SET SW is released is memorized in the ECU as the set speed.

2. Set Speed Control

During cruise control driving, the ECU compares the set speed memorized in the ECU with the actual vehicle speed input into TERMINAL SPD of the engine control module from the combination meter, and controls the throttle body assembly to maintain the set speed.

When the actual speed is lower than the set speed, the ECU causes the current to the throttle control motor to flow from TERMINAL M+ of the engine control module to TERMINAL 2 of the throttle body assembly to TERMINAL 1 to TERMINAL M- of the engine control module. As a result, the motor in the throttle control motor is rotated to open the throttle valve to increase the vehicle speed. When the actual driving speed is higher than the set speed, the current to the throttle body assembly flows from TERMINAL M- of the ECU to TERMINAL 1 of the throttle control motor to TERMINAL 2 to TERMINAL M+ of the engine control module.

This causes the motor in the throttle body assembly to rotate to close the throttle valve to decrease the vehicle speed.

3. Coast Control

During cruise control driving, while the -SET SW is on, the throttle control motor is rotated to close the throttle valve and decrease the driving speed. The vehicle speed when the -SET SW is turned off is memorized, and the vehicle continues at the new set speed.

4. Accel Control

During cruise control driving, while the +RES SW is turned on, the throttle control motor is rotated to open the throttle valve and increase the driving speed.

The vehicle speed when the +RES SW is turned off is memorized and the vehicle continues at the new set speed.

5. Resume Control

If the vehicle speed is approximately 40 km/h (25 mph) or above after canceling the set speed with the CANCEL SW, pushing the +RES SW will cause the vehicle to resume the speed set before the cancellation.

6. Manual Cancel Mechanism

If any of the following signals is input during cruise control travelling, the cruise control is cancelled.

- * Depressing the clutch pedal (Cruise control clutch SW off). "Signal is not input to TERMINAL D of the ECU" (M/T)
- * Placing the shift lever to positions except "D" position (Park/Neutral position SW except "D" position) (A/T)
- * Pushing the CANCEL SW (CANCEL SW on). "Signal input to TERMINAL CCS of the ECU"
- * Pushing the CRUISE SW off "signal input to TERMINAL CCS of the ECU".
- * Depressing the brake pedal (Stop light SW on)

7. Tap-Up Control Function

When the difference between the actual vehicle speed and the set speed is less than 5 km/h (3 mph), the set speed can be increased 1.6 km/h (1 mph) each time by operating the +RES SW quickly within 0.6 seconds.

8. Tap-Down Control Function

When the difference between the actual vehicle speed and the set speed is less than 5 km/h (3 mph), the set speed can be lowered 1.6 km/h (1 mph) each time by operating the -SET SW quickly within 0.6 seconds.

9. Auto Cancel Function

A) If any of the following operating conditions occurs during cruise control operation, the set speed is erased and the cruise control is released, (CRUISE SW turns off).

When this occurs, the ignition SW must be turned off once before the CRUISE SW will turn on.

* When abnormality is found in the stop light SW input circuit.

* When abnormality is found in the cancel circuit.

B) If any of the following operating conditions occurs during cruise control operation, the set speed is erased and the cruise control is released. (CRUISE SW turn off).

When this occurs, the cancel state is cleared as the CRUISE SW will turn on again.

* When abnormality is found in electronic throttle parts.

* Open circuit in the stop light SW.

* Momentary interruption of vehicle speed signal.

* Short circuit in the stop light SW.

Cruise Control

10. Overdrive Control Function

The overdrive control may be cancelled if the vehicle travels on the slope during cruise control travelling. After the overdrive control has been cancelled it is decided that the slope is finished, the vehicle returns to the overdrive control mode again.

: Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|----------|----------|
| A13 | 52 (S/D) | C20 | B | 49 (S/D) | D15 |
| A20 | 52 (S/D) | C21 | | 49 (S/D) | D34 |
| A21 | A | C27 | | 49 (S/D) | D41 |
| A25 | 48 (S/D) | C28 | | 49 (S/D) | D42 |
| A29 | 52 (S/D) | D1 | | 53 (S/D) | V1 |
| C17 | 49 (S/D) | D3 | A | 53 (S/D) | B |
| | | | | | 52 (S/D) |

: Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

: Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 1A | 25 | Engine Room Main Wire and Engine Room J/B (Engine Compartment Left) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4C | 30 | |
| 4D | | |
| 4M | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4S | | |

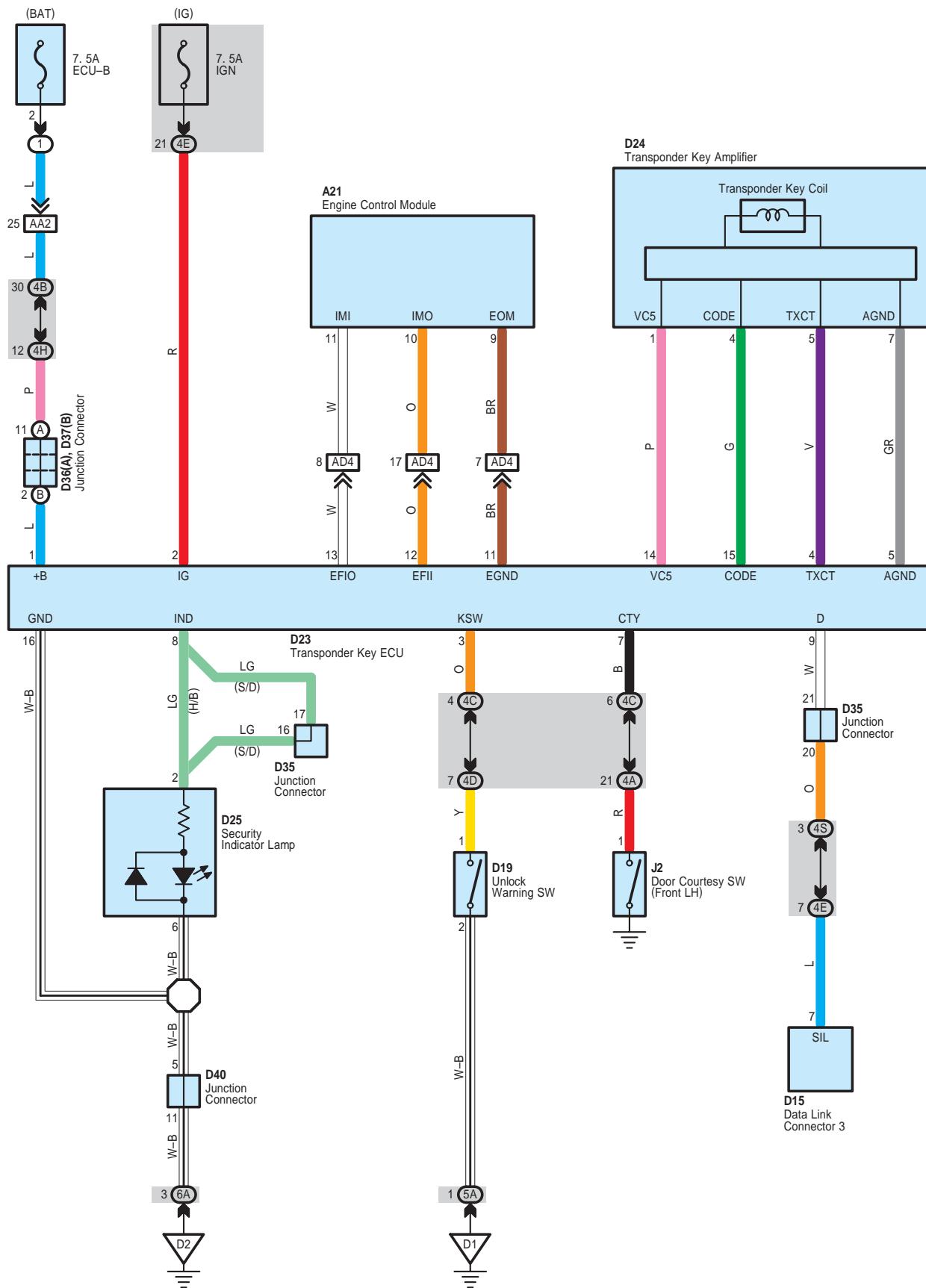
: Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-------------------------------------------------------------------------|
| AA2 | 63 (S/D) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| AD2 | | |
| AD3 | 63 (S/D) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| AD4 | | |
| CA1 | 61 (S/D) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| CA2 | | |

: Ground Points

| Code | See Page | Ground Points Location |
|------|----------|-------------------------------------|
| A1 | 61 (S/D) | Left Suspension Tower |
| C1 | | |
| C2 | 61 (S/D) | Engine Block Left |
| D3 | 63 (S/D) | Instrument Panel Reinforcement Left |

Engine Immobiliser System



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|-------------|
| A21 | 46 (H/B) | D24 | 51 (H/B) | D37 | 51 (H/B) |
| | 48 (S/D) | | 53 (S/D) | | 53 (S/D) |
| D15 | 51 (H/B) | D25 | 51 (H/B) | D40 | 51 (H/B) |
| | 53 (S/D) | | 53 (S/D) | | 53 (S/D) |
| D19 | 51 (H/B) | D35 | 51 (H/B) | J2 | 55 (5-Door) |
| | 53 (S/D) | | 53 (S/D) | | 57 (3-Door) |
| D23 | 51 (H/B) | D36 | 51 (H/B) | | 59 (4-Door) |
| | 53 (S/D) | | 53 (S/D) | | |

 : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4C | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4D | | |
| 4E | | |
| 4H | | |
| 4S | 31 | |
| 5A | 38 | Instrument Panel Wire and J/B No.5 (Left Kick Panel) |
| 6A | 40 | Instrument Panel Wire and J/B No.6 (Right Kick Panel) |

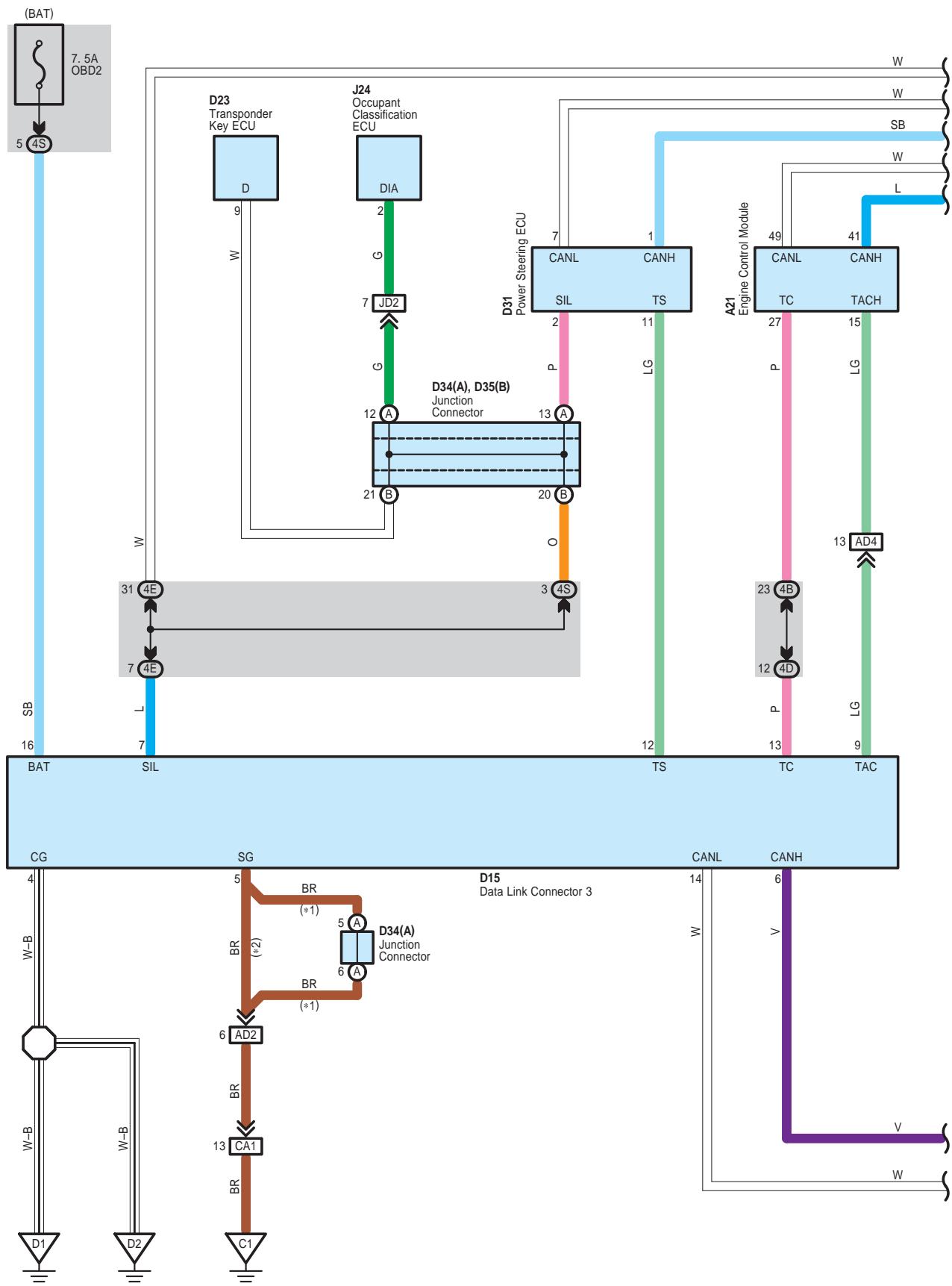
 : Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD4 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |

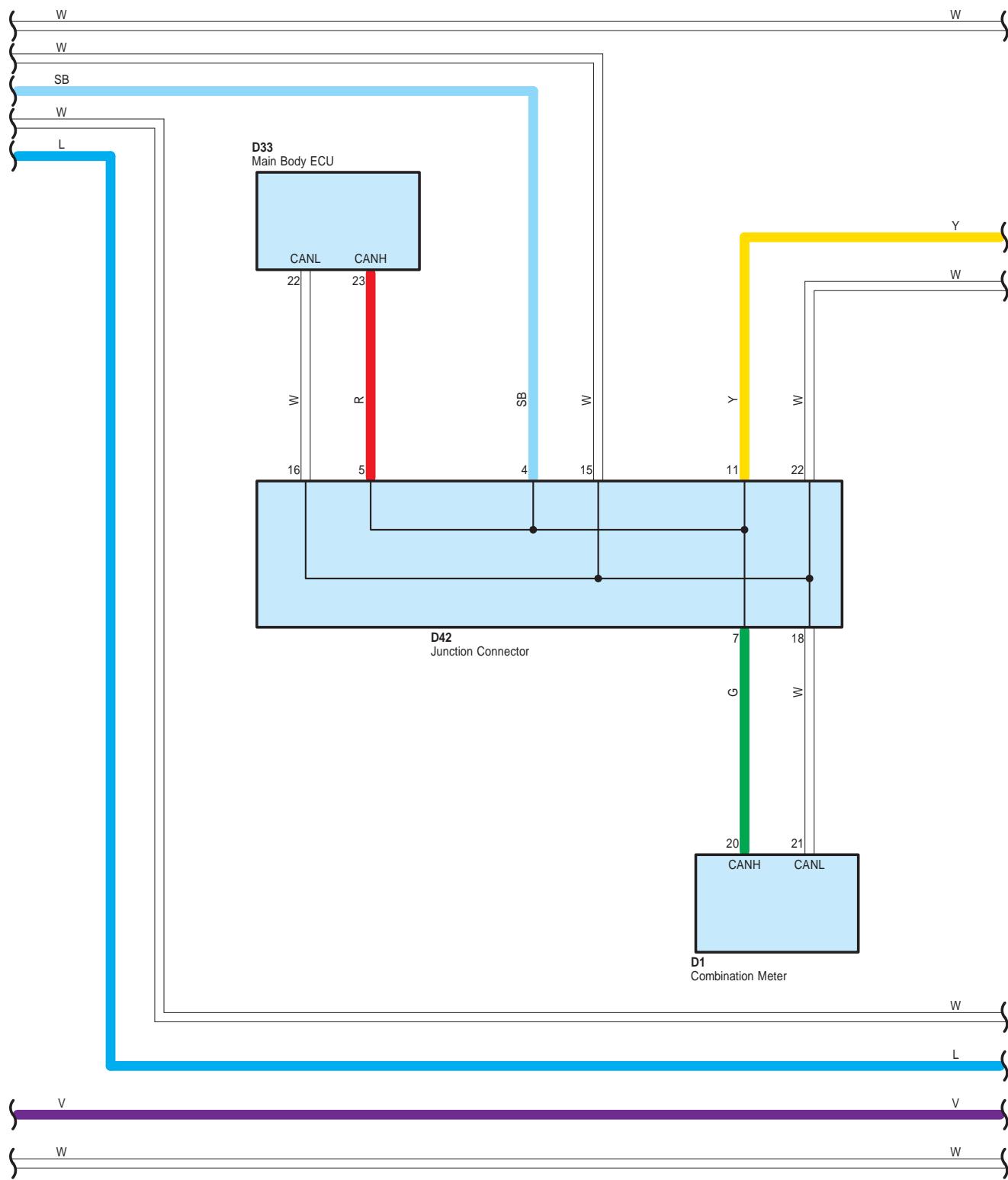
 : Ground Points

| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |
| D2 | 62 (H/B) | Right Kick Panel |
| | 63 (S/D) | |

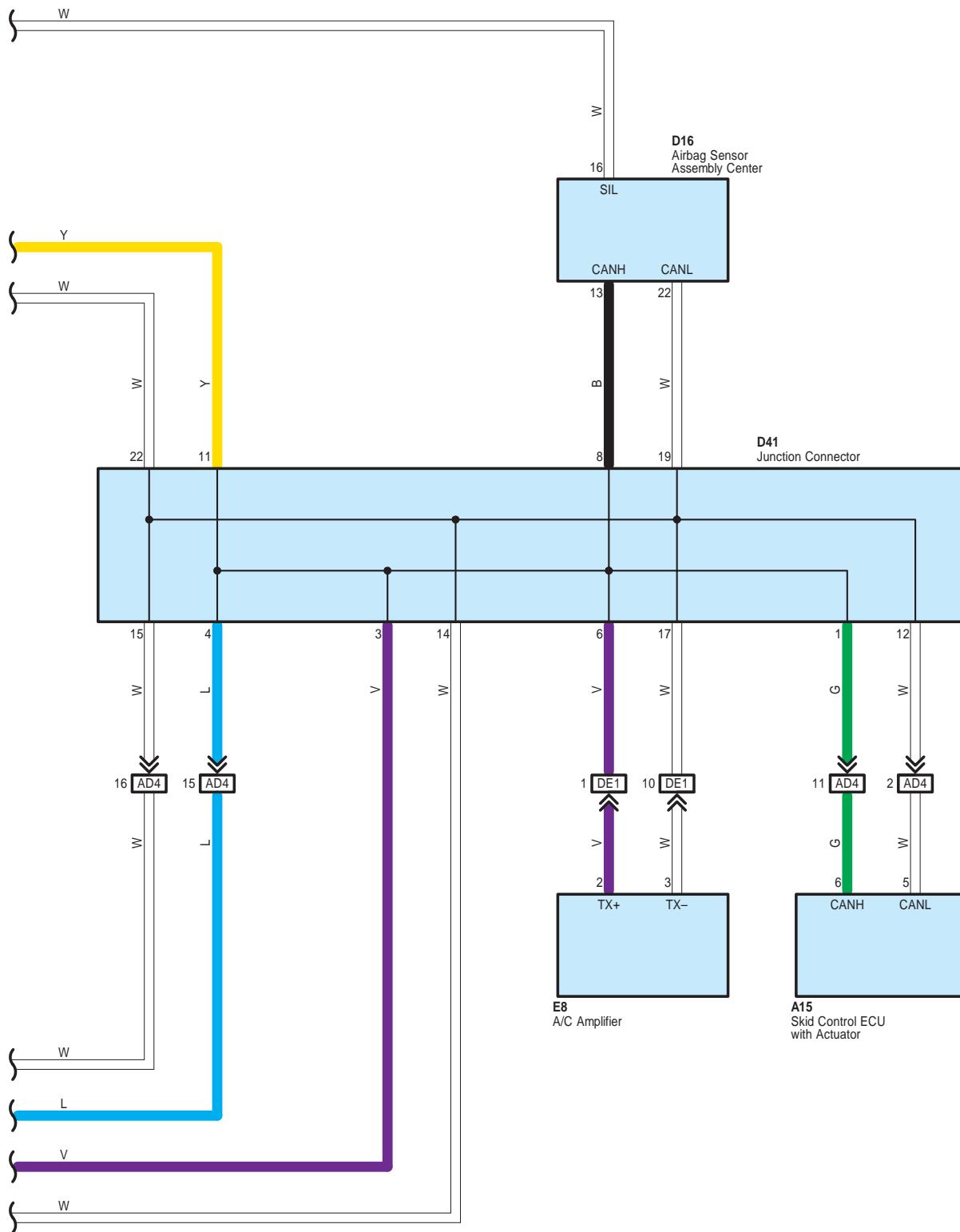
Data Link Connector 3



* 1 : w/ Cruise Control
* 2 : w/o Cruise Control



Data Link Connector 3



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|-------------|
| A15 | 46 (H/B) | D23 | 51 (H/B) | D41 | 51 (H/B) |
| | 48 (S/D) | | 53 (S/D) | | 53 (S/D) |
| A21 | 46 (H/B) | D31 | 51 (H/B) | D42 | 51 (H/B) |
| | 48 (S/D) | | 53 (S/D) | | 53 (S/D) |
| D1 | 51 (H/B) | D33 | 51 (H/B) | E8 | 50 (H/B) |
| | 53 (S/D) | | 53 (S/D) | | 52 (S/D) |
| D15 | 51 (H/B) | D34 | 51 (H/B) | J24 | 55 (5-Door) |
| | 53 (S/D) | | 53 (S/D) | | 57 (3-Door) |
| D16 | 51 (H/B) | D35 | 51 (H/B) | | 59 (4-Door) |
| | 53 (S/D) | | 53 (S/D) | | |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4D | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4E | | |
| 4S | 31 | |

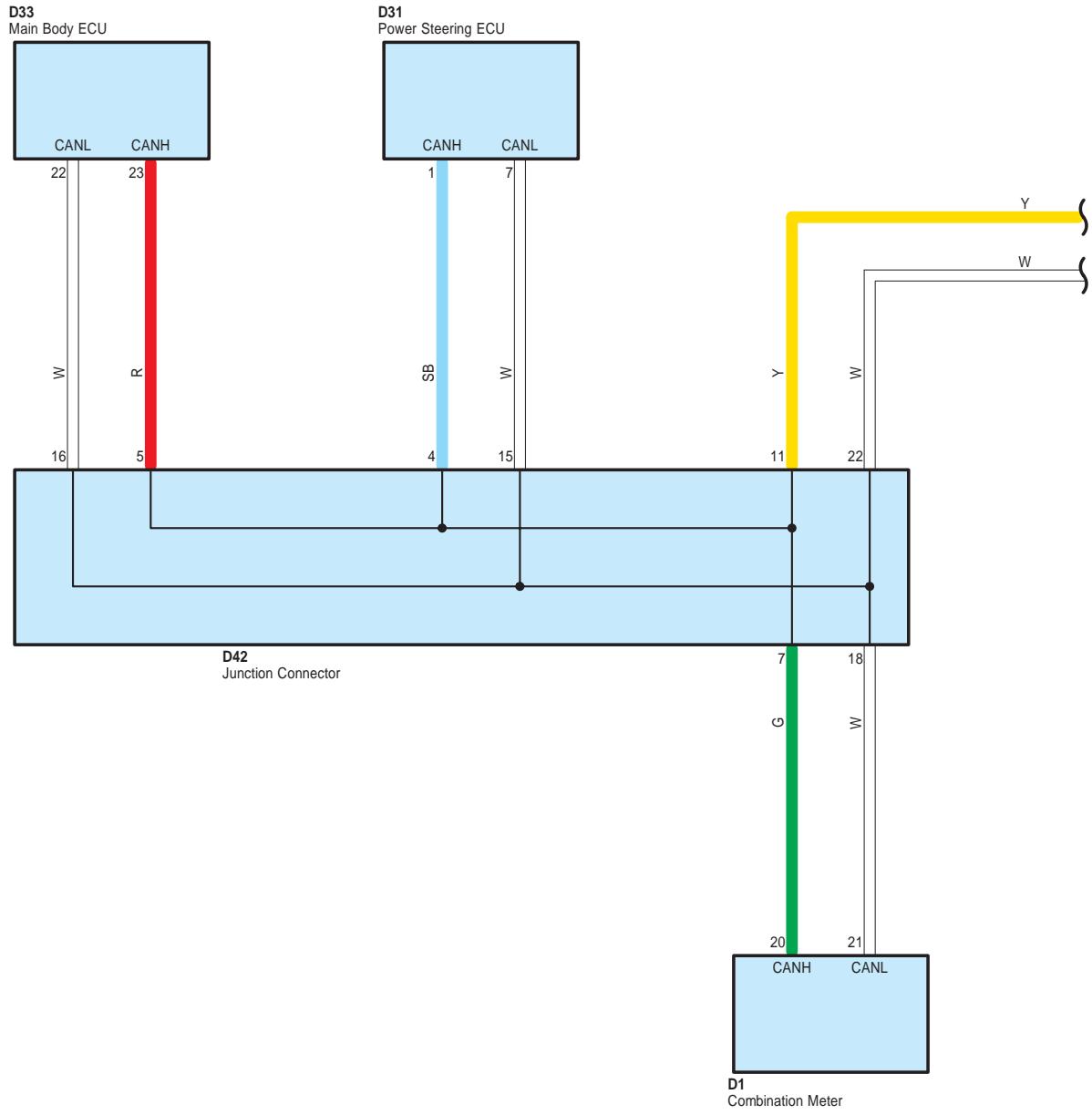
 : Connector Joining Wire Harness and Wire Harness

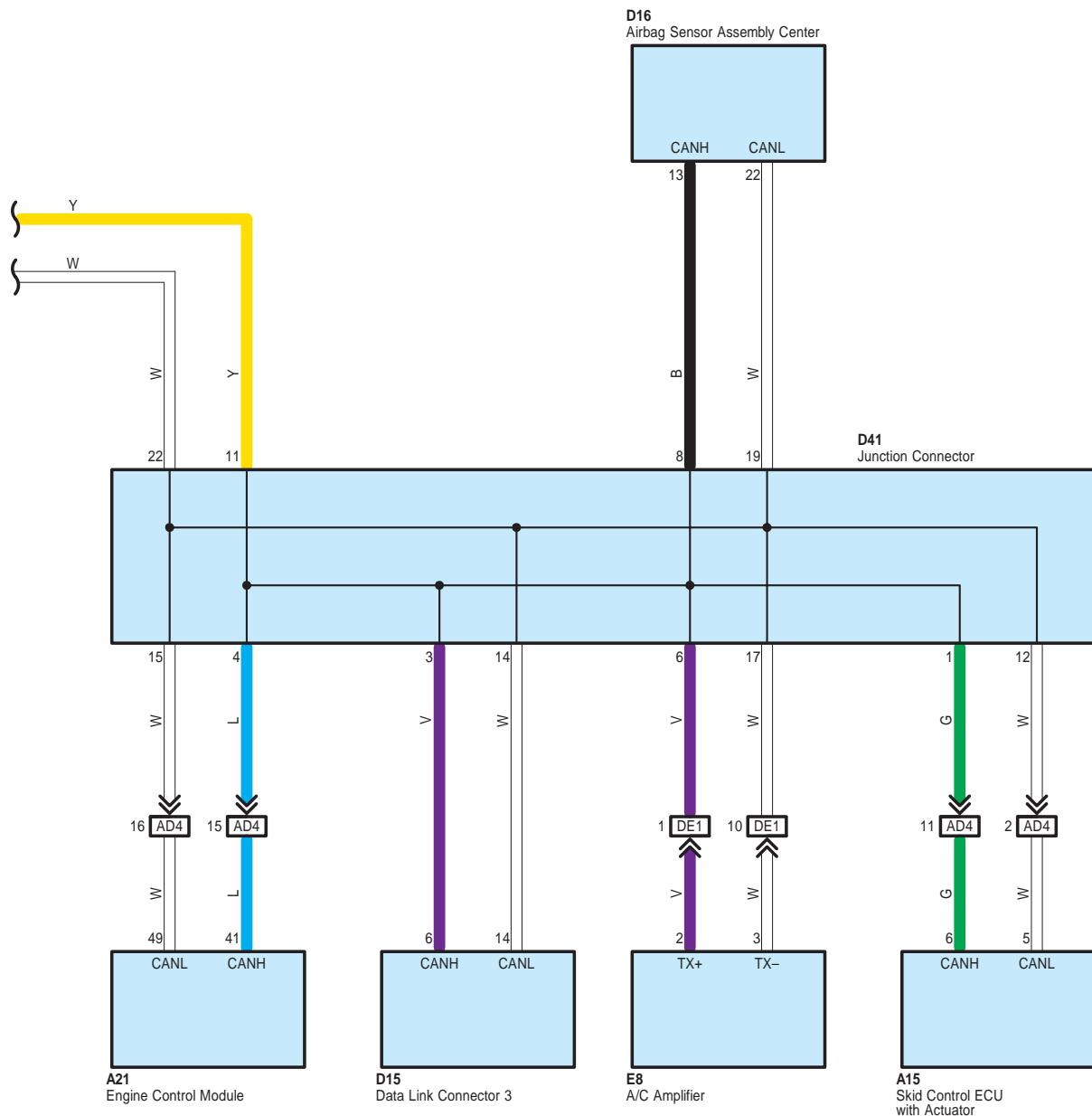
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|--------------------------------------------------------------------------------|
| AD2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD4 | 62 (H/B) | Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center) |
| | 63 (S/D) | |
| CA1 | 60 (H/B) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |
| DE1 | 62 (H/B) | Floor Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| JD2 | 62 (H/B) | |
| | 63 (S/D) | |

 : Ground Points

| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| C1 | 60 (H/B) | Engine Block Left |
| | 61 (S/D) | |
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |
| D2 | 62 (H/B) | Right Kick Panel |
| | 63 (S/D) | |

Multiplex Communication System – CAN





Multiplex Communication System – CAN

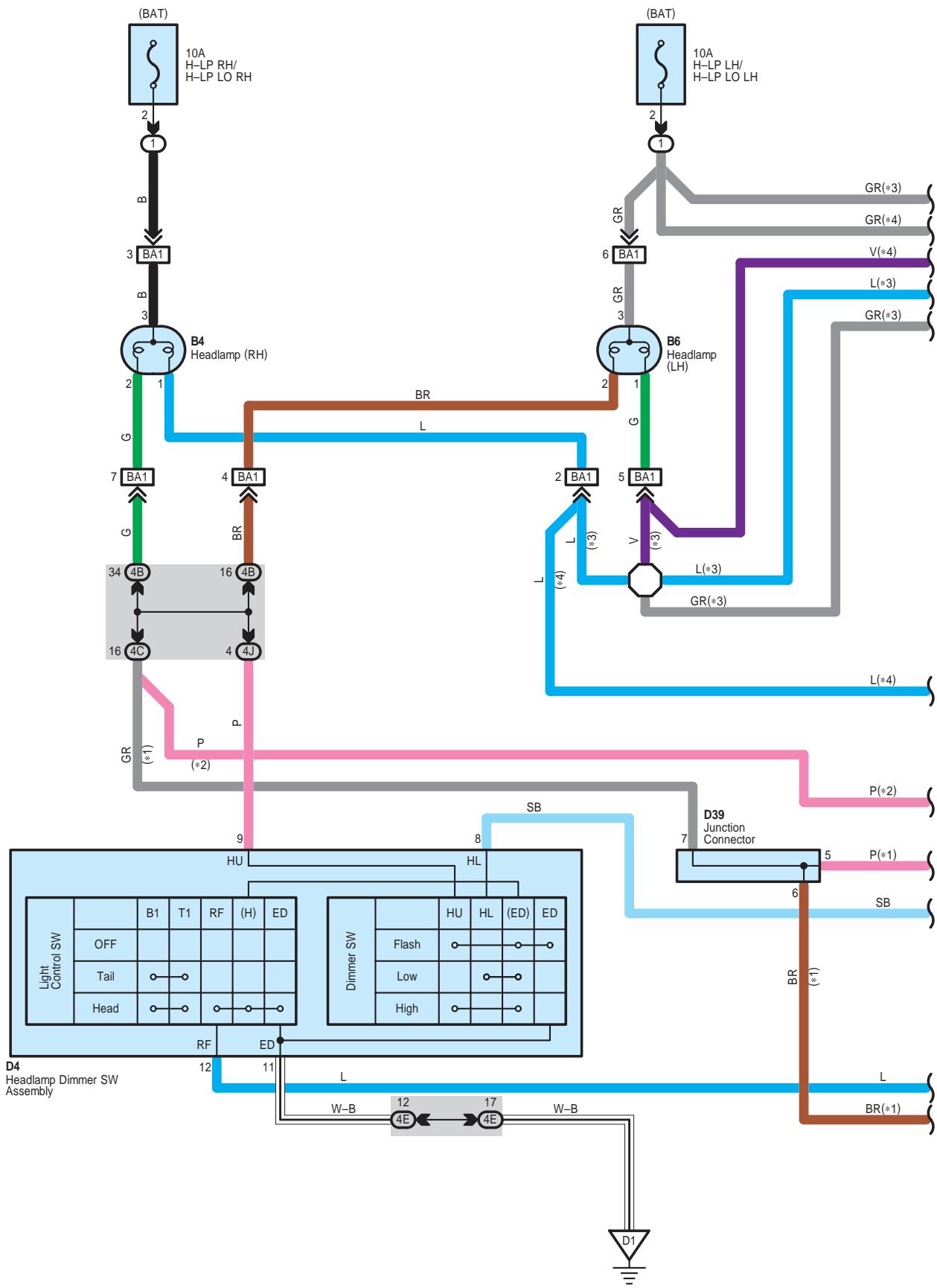
 : Parts Location

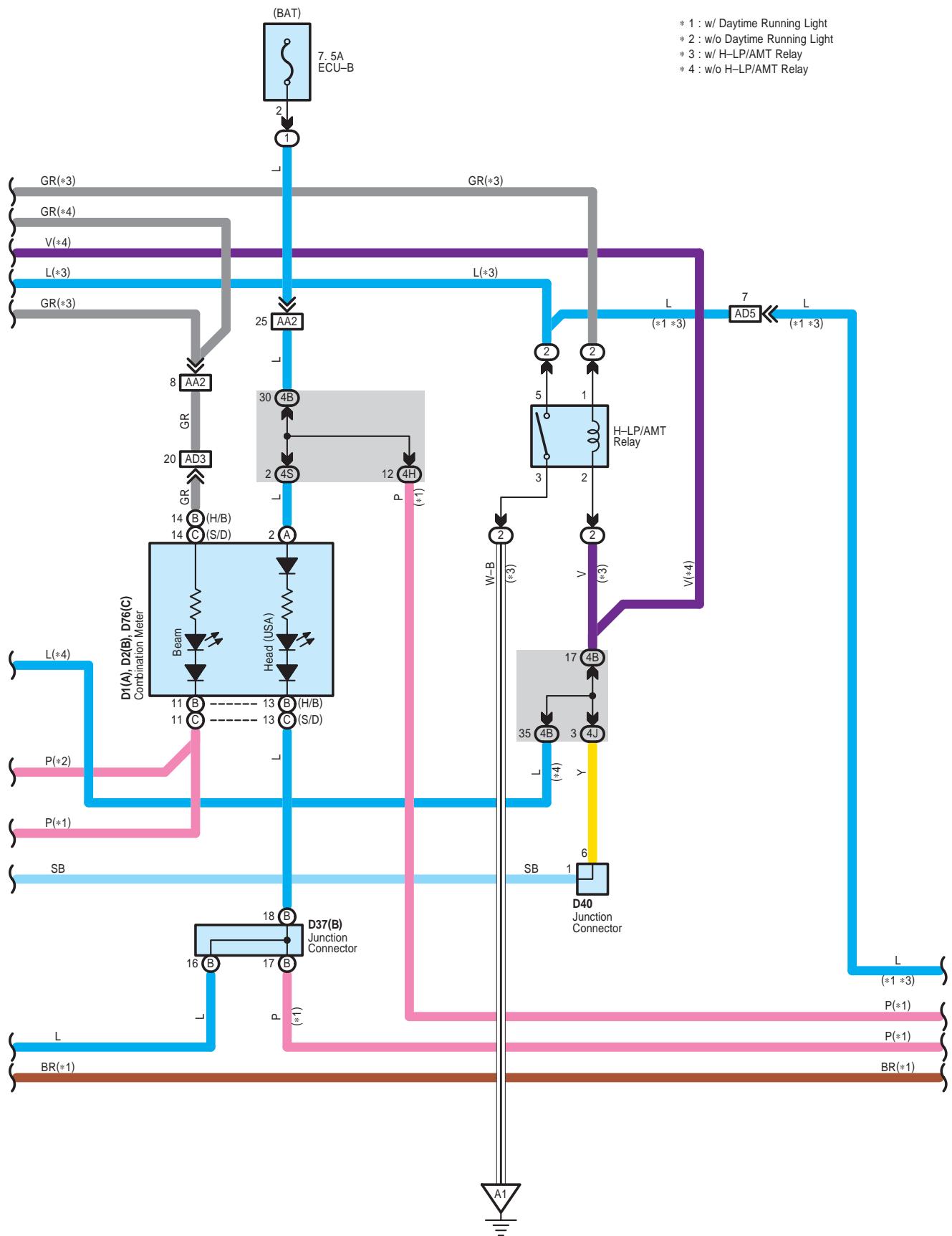
| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|----------|
| A15 | 46 (H/B) | D15 | 53 (S/D) | D41 | 51 (H/B) |
| | 48 (S/D) | D16 | 51 (H/B) | | 53 (S/D) |
| A21 | 46 (H/B) | D31 | 53 (S/D) | D42 | 51 (H/B) |
| | 48 (S/D) | | 51 (H/B) | | 53 (S/D) |
| D1 | 51 (H/B) | D33 | 53 (S/D) | E8 | 50 (H/B) |
| | 53 (S/D) | | 51 (H/B) | | 52 (S/D) |
| D15 | 51 (H/B) | | 53 (S/D) | | |

 : Connector Joining Wire Harness and Wire Harness

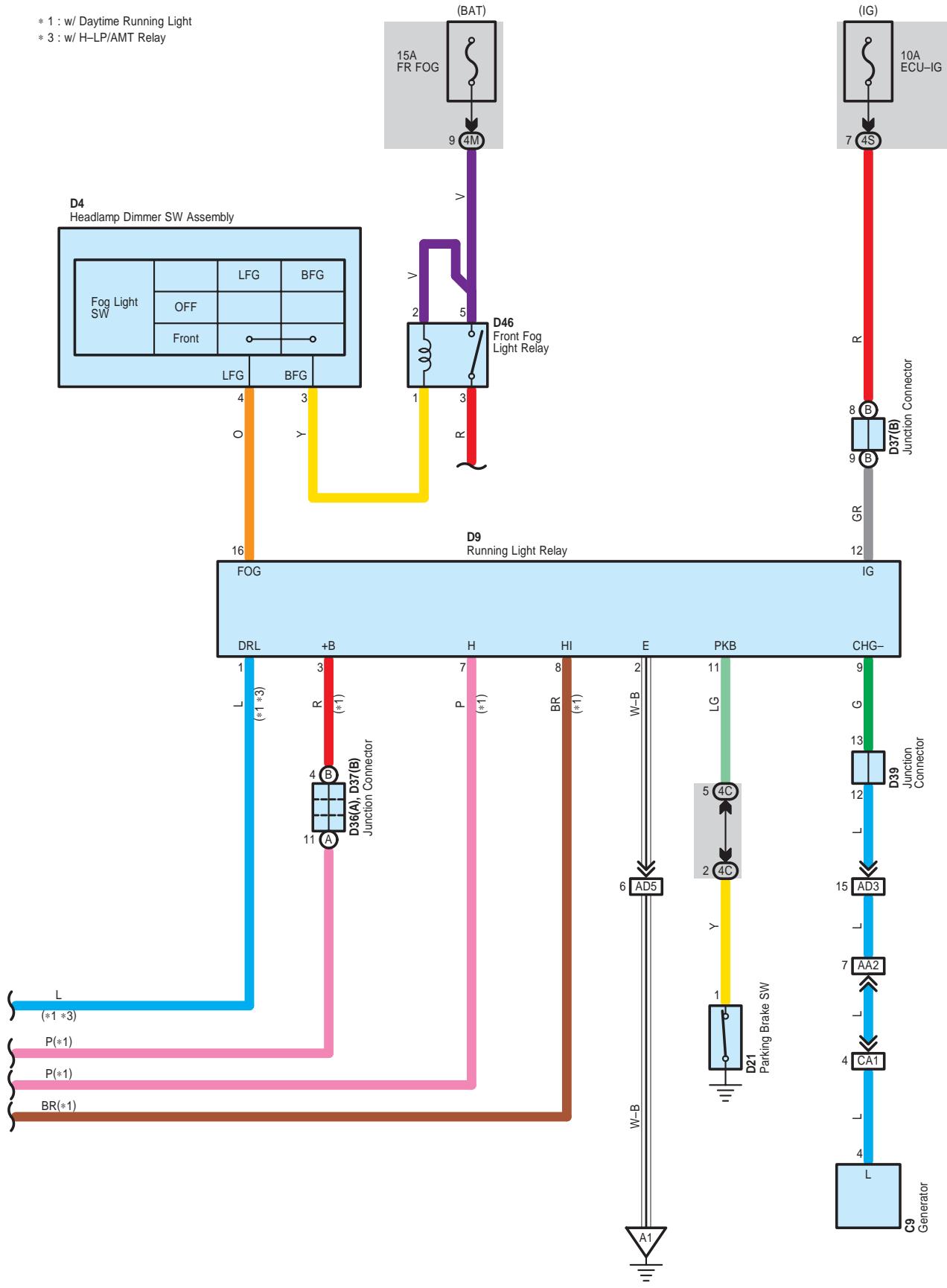
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|--------------------------------------------------------------------------------|
| AD4 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| DE1 | 62 (H/B) | Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center) |
| | 63 (S/D) | |

Headlight





Headlight



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|------------|------|------------|------|------------|
| B4 | 46 (H/B) | D4 | 51 (H/B) | D37 | B 53 (S/D) |
| | 48 (S/D) | | 53 (S/D) | D39 | 51 (H/B) |
| B6 | 46 (H/B) | D9 | 51 (H/B) | | 53 (S/D) |
| | 48 (S/D) | | 53 (S/D) | D40 | 51 (H/B) |
| C9 | 47 (H/B) | D21 | 51 (H/B) | | 53 (S/D) |
| | 49 (S/D) | | 53 (S/D) | D46 | 51 (H/B) |
| D1 | A 51 (H/B) | D36 | 51 (H/B) | | 53 (S/D) |
| | 53 (S/D) | | 53 (S/D) | D76 | C 53 (S/D) |
| D2 | B 51 (H/B) | D37 | B 51 (H/B) | | |

 : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |
| 2 | 28 | Engine Room R/B No.2 (Engine Compartment Right) |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4C | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4E | | |
| 4H | | |
| 4J | | |
| 4M | | |
| 4S | 31 | |

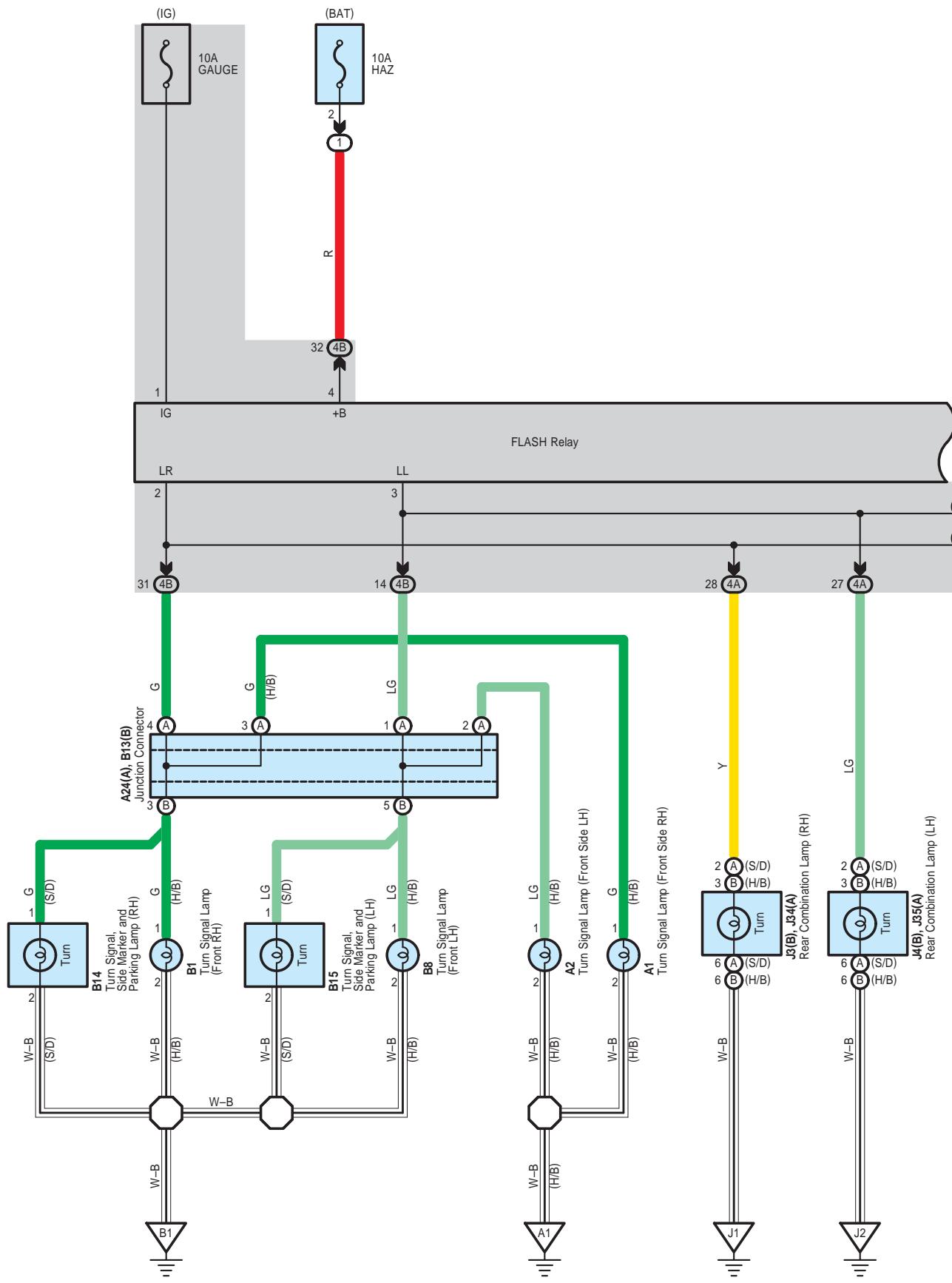
 : Connector Joining Wire Harness and Wire Harness

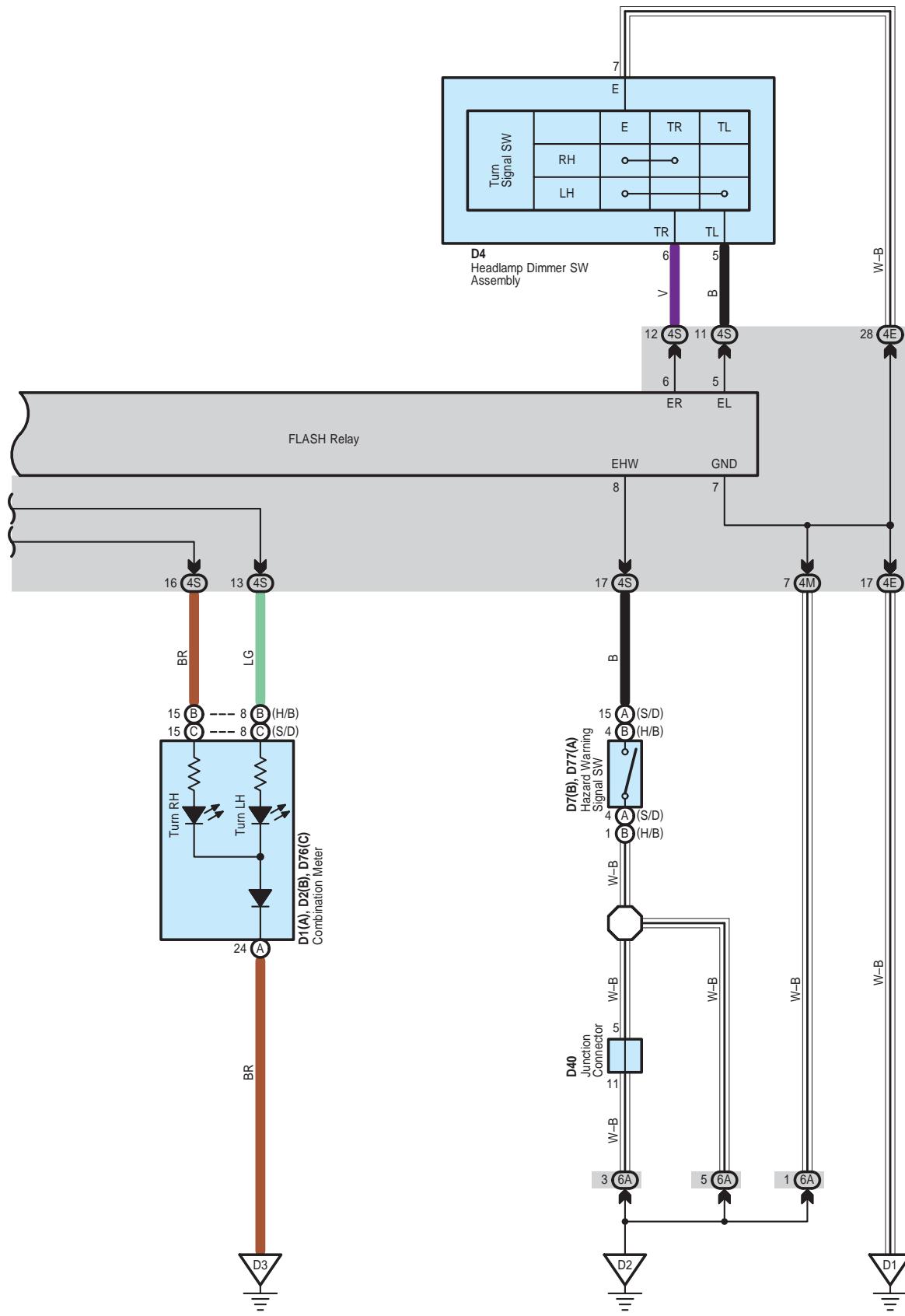
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD3 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD5 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| BA1 | 60 (H/B) | Engine Room No.2 Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |
| CA1 | 60 (H/B) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |

 : Ground Points

| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |

Turn Signal and Hazard Warning Light





Turn Signal and Hazard Warning Light

: Parts Location

| Code | | See Page | | Code | | See Page | | Code | | See Page | | |
|------|---|----------|----------|------|---|----------|--|------|---|-------------|--|--|
| A1 | | A1 | 46 (H/B) | B15 | | 48 (S/D) | | D76 | C | 53 (S/D) | | |
| A2 | | A2 | 46 (H/B) | | | 51 (H/B) | | D77 | A | 53 (S/D) | | |
| A24 | A | 46 (H/B) | | D1 | A | 53 (S/D) | | J3 | B | 55 (5-Door) | | |
| | | | 48 (S/D) | | | 51 (H/B) | | | | 57 (3-Door) | | |
| B1 | | 46 (H/B) | | D4 | B | 51 (H/B) | | J4 | B | 55 (5-Door) | | |
| B8 | | 46 (H/B) | | | | 53 (S/D) | | | | 57 (3-Door) | | |
| B13 | B | 46 (H/B) | | D7 | B | 51 (H/B) | | J34 | A | 59 (4-Door) | | |
| | | | 48 (S/D) | D40 | | 51 (H/B) | | J35 | A | 59 (4-Door) | | |
| B14 | | B14 | 48 (S/D) | | | 53 (S/D) | | | | | | |

: Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

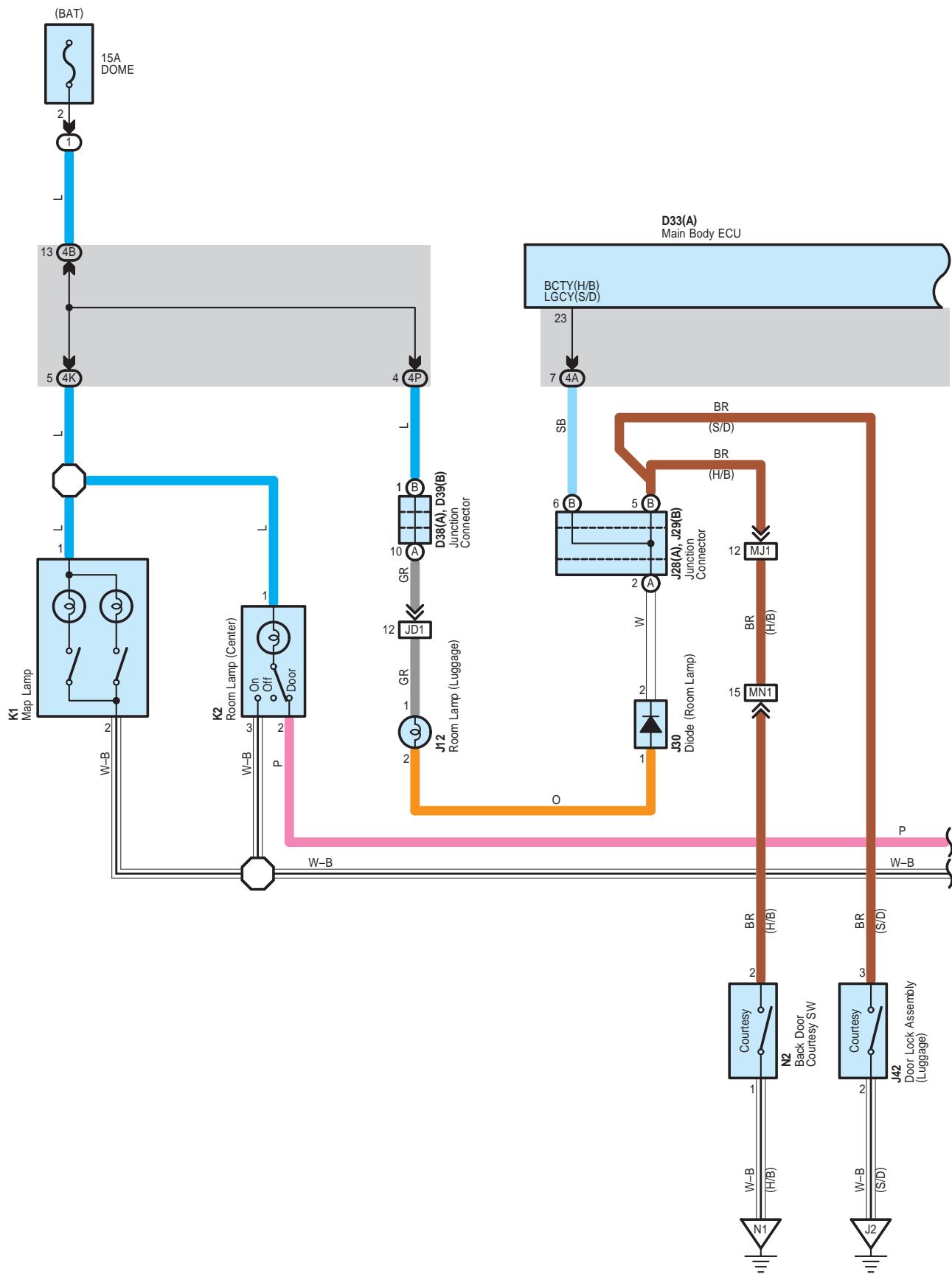
: Junction Block and Wire Harness Connector

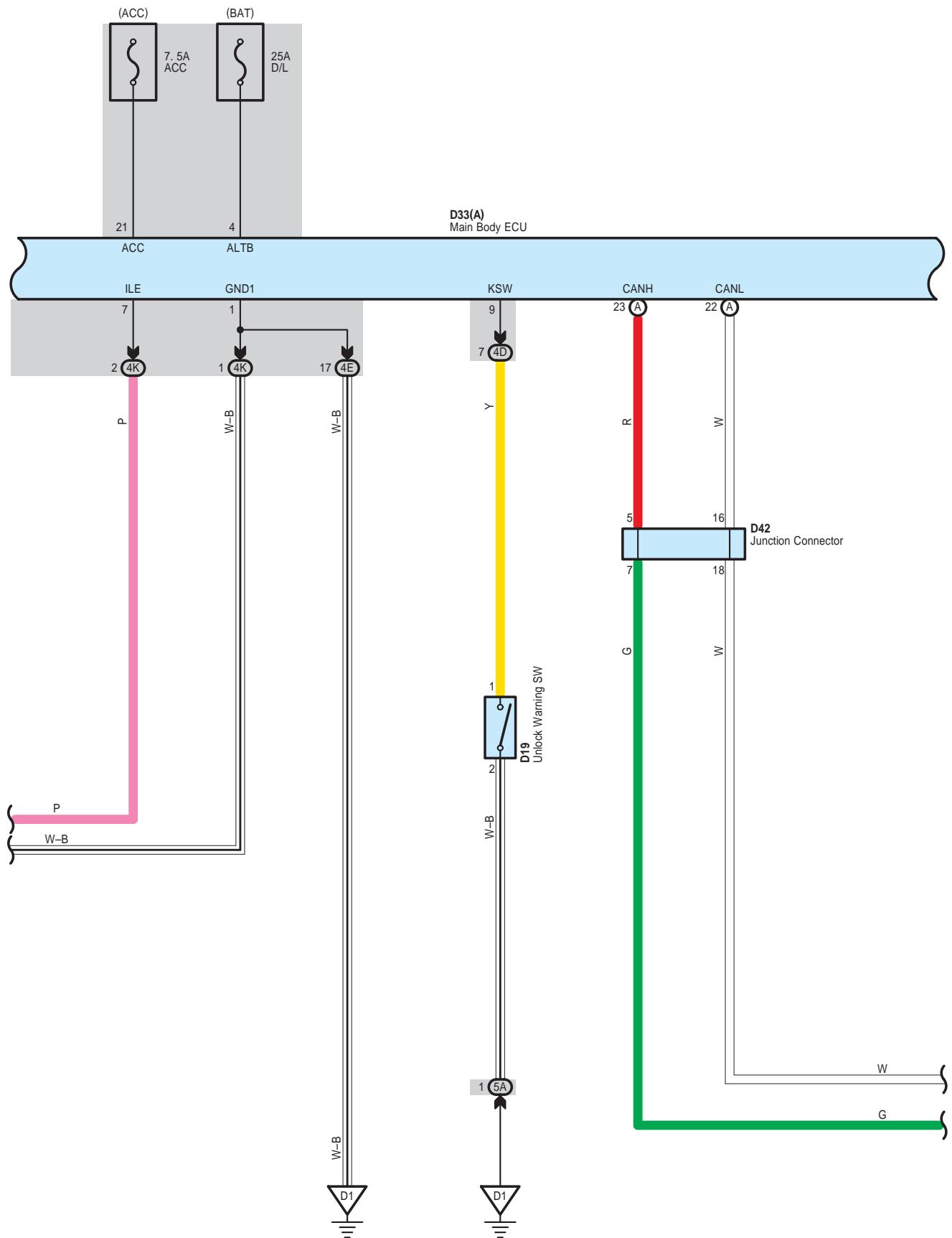
| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4E | 30 | |
| 4M | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4S | | |
| 6A | 40 | Instrument Panel Wire and J/B No.6 (Right Kick Panel) |

: Ground Points

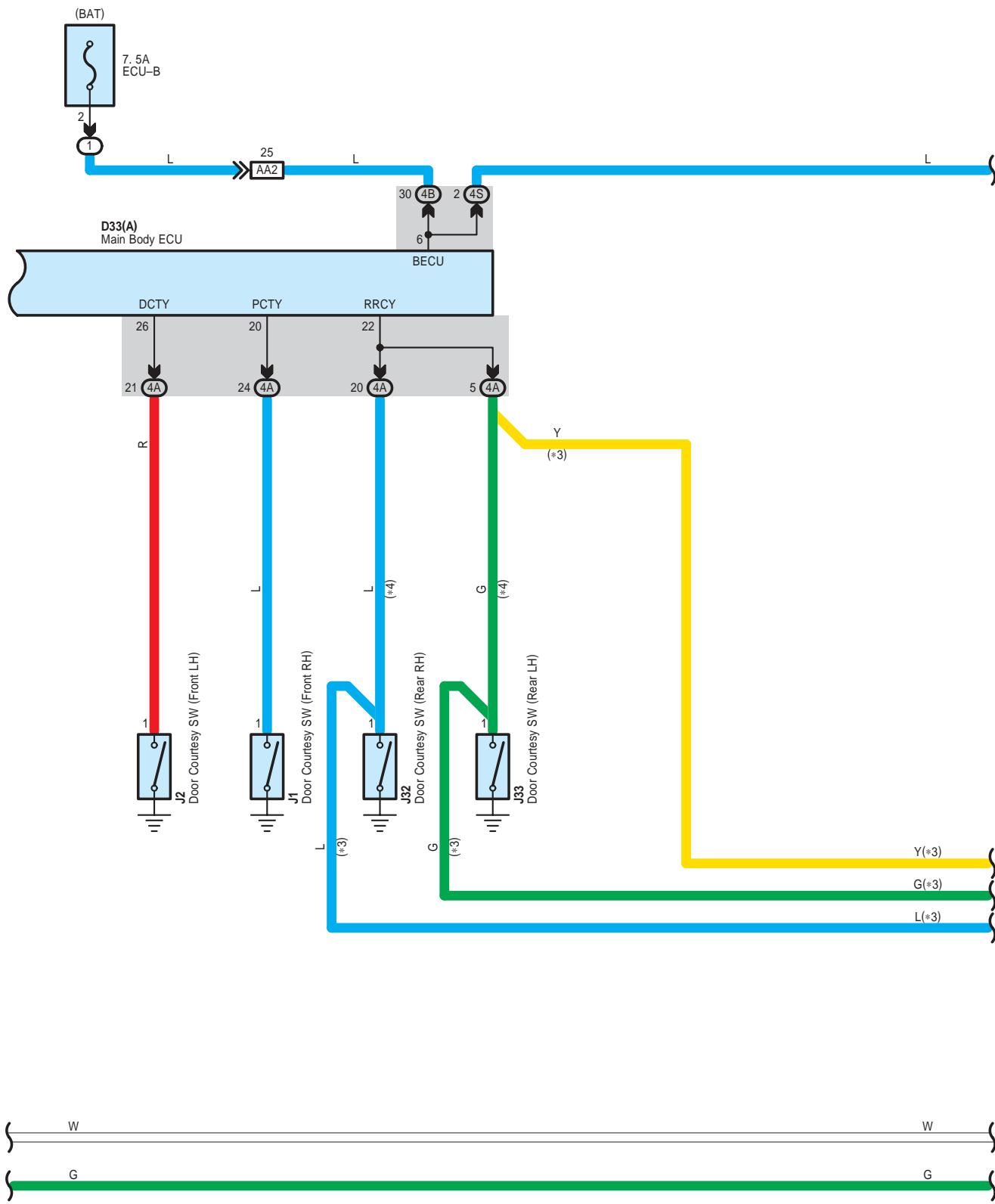
| Code | See Page | Ground Points Location |
|------|-------------|-------------------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| B1 | 60 (H/B) | Radiator Support Left |
| | 61 (S/D) | |
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |
| D2 | 62 (H/B) | Right Kick Panel |
| | 63 (S/D) | |
| D3 | 62 (H/B) | Instrument Panel Reinforcement Left |
| | 63 (S/D) | |
| J1 | 64 (5-Door) | Right Rear Quarter Panel |
| | 65 (3-Door) | |
| | 66 (4-Door) | |
| J2 | 64 (5-Door) | Left Rear Quarter Panel |
| | 65 (3-Door) | |
| | 66 (4-Door) | |
| | | Lower Back Panel Left |

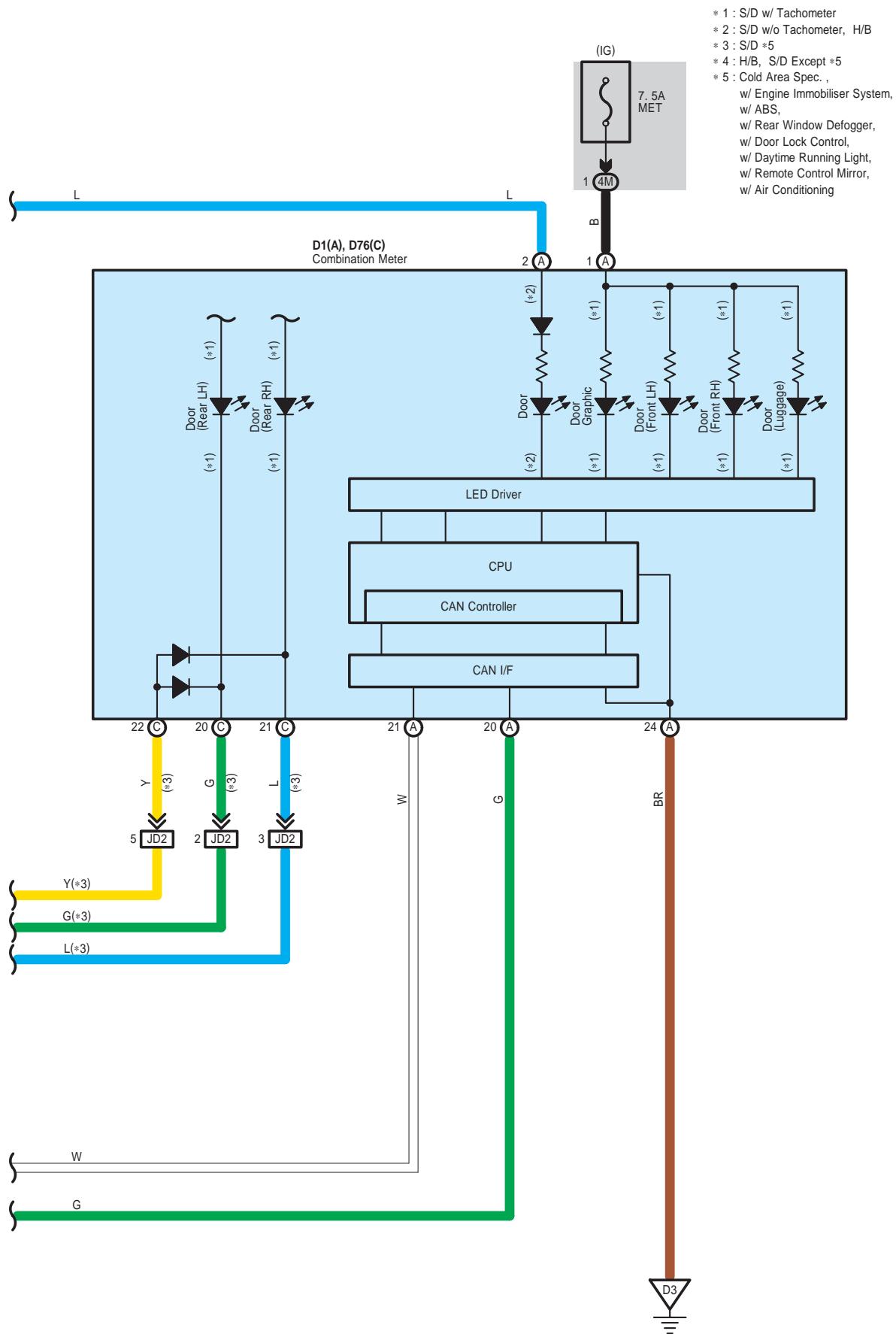
Interior Light





Interior Light





Interior Light

: Parts Location

| Code | | See Page | Code | See Page | Code | See Page |
|------|---|-------------|------|-------------|------|-------------|
| D1 | A | 51 (H/B) | J1 | 59 (4-Door) | J30 | 59 (4-Door) |
| | | 53 (S/D) | | 55 (5-Door) | J32 | 55 (5-Door) |
| D19 | | 51 (H/B) | J2 | 57 (3-Door) | | 59 (4-Door) |
| | | 53 (S/D) | | 59 (4-Door) | J33 | 55 (5-Door) |
| D33 | A | 51 (H/B) | J12 | 55 (5-Door) | | 59 (4-Door) |
| | | 53 (S/D) | | 57 (3-Door) | J42 | 59 (4-Door) |
| D38 | A | 51 (H/B) | | 59 (4-Door) | | 54 (5-Door) |
| | | 53 (S/D) | | 55 (5-Door) | K1 | 56 (3-Door) |
| D39 | B | 51 (H/B) | J28 | 57 (3-Door) | | 58 (4-Door) |
| | | 53 (S/D) | | 59 (4-Door) | K2 | 54 (5-Door) |
| D42 | | 51 (H/B) | J29 | 55 (5-Door) | | 56 (3-Door) |
| | | 53 (S/D) | | 57 (3-Door) | | 58 (4-Door) |
| D76 | C | 53 (S/D) | | 59 (4-Door) | N2 | 54 (5-Door) |
| J1 | | 55 (5-Door) | | 55 (5-Door) | | 56 (3-Door) |
| | | 57 (3-Door) | | 57 (3-Door) | | |

: Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

: Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4D | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4E | | |
| 4K | 30 | Roof Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4M | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4P | | |
| 4S | | |
| 5A | 38 | Instrument Panel Wire and J/B No.5 (Left Kick Panel) |

: Connector Joining Wire Harness and Wire Harness

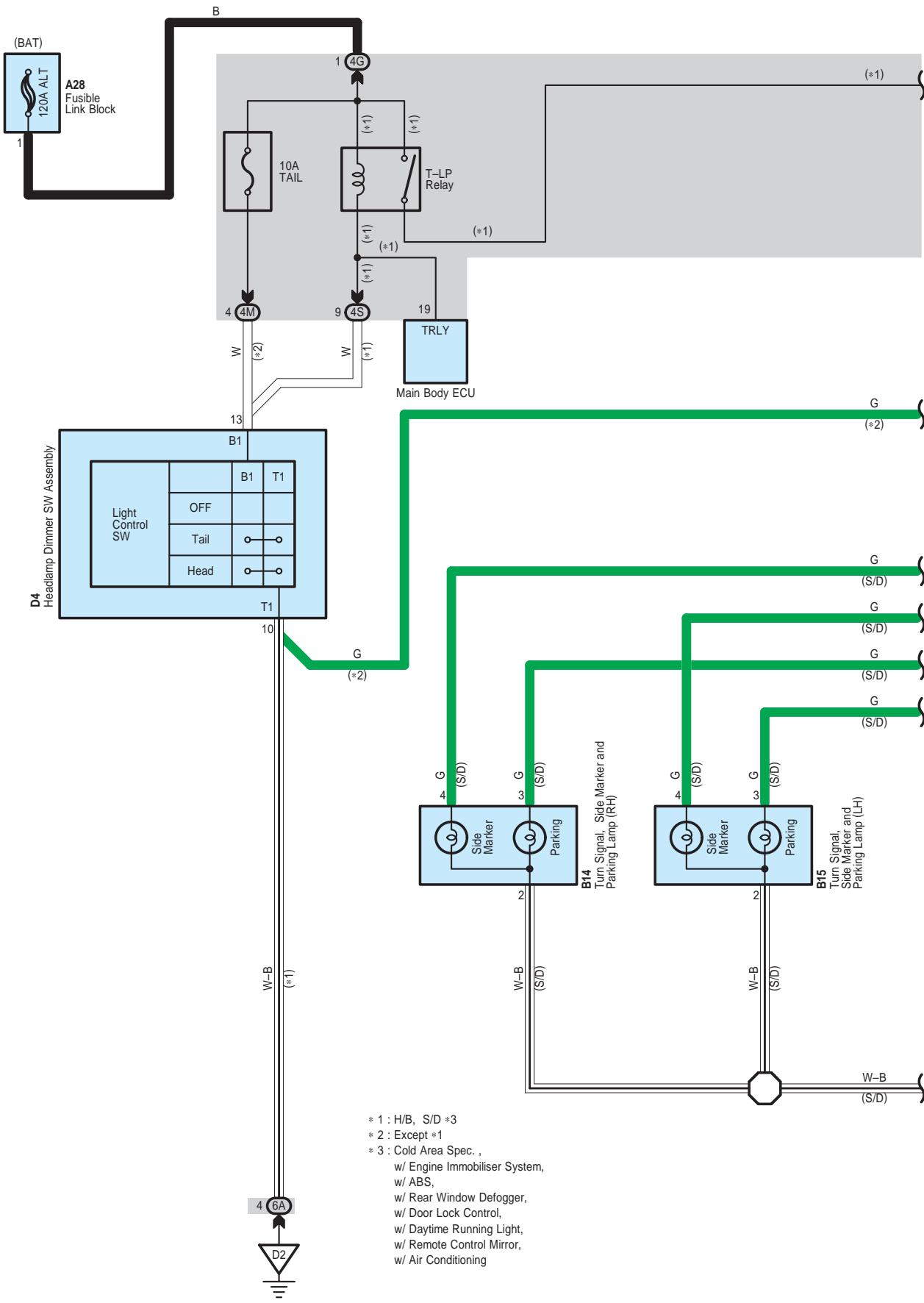
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-------------|-------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| JD1 | 62 (H/B) | Floor Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| JD2 | 63 (S/D) | |
| MJ1 | 64 (5-Door) | Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel) |
| | 65 (3-Door) | |
| MN1 | 64 (5-Door) | Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center) |
| | 65 (3-Door) | |

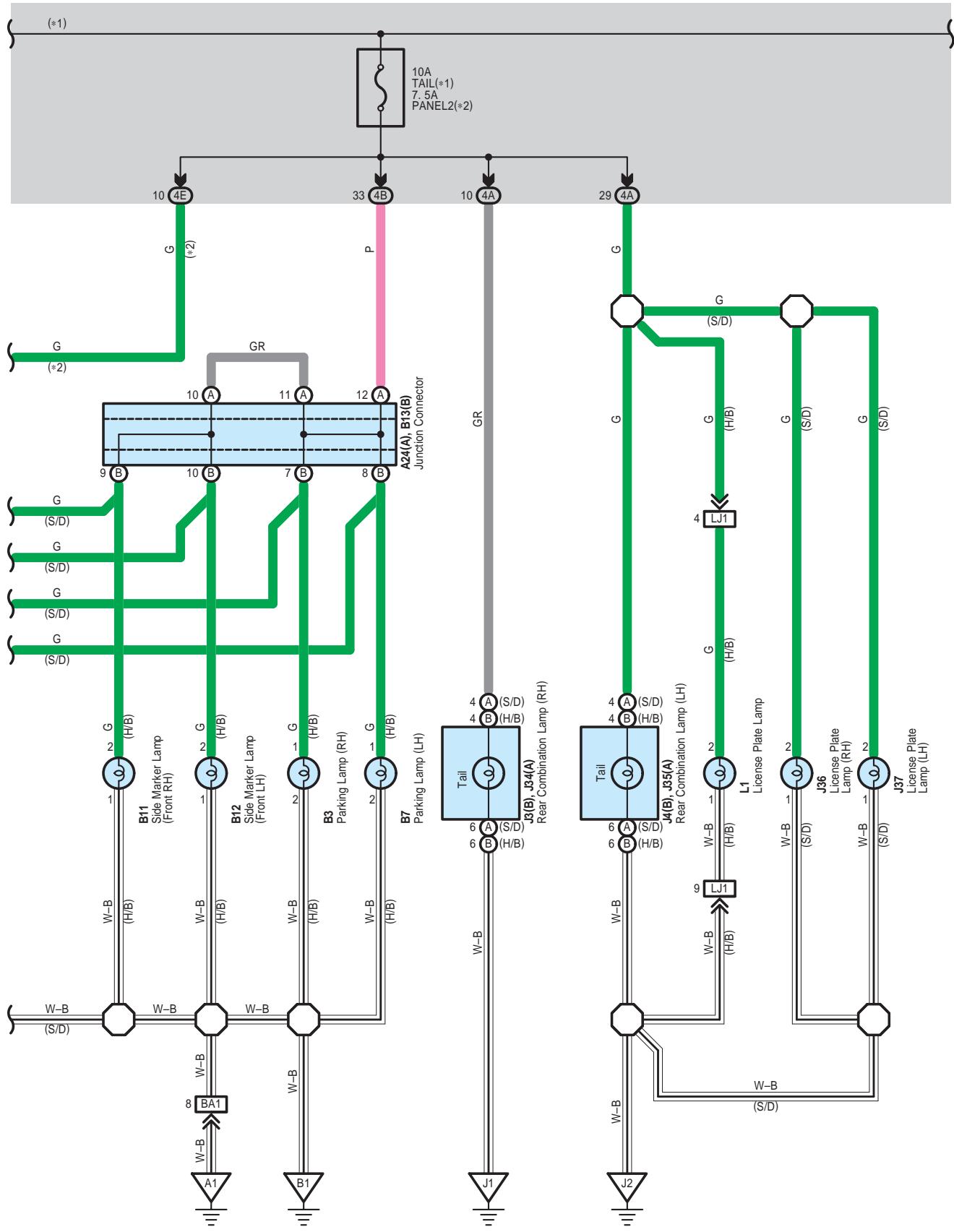


: Ground Points

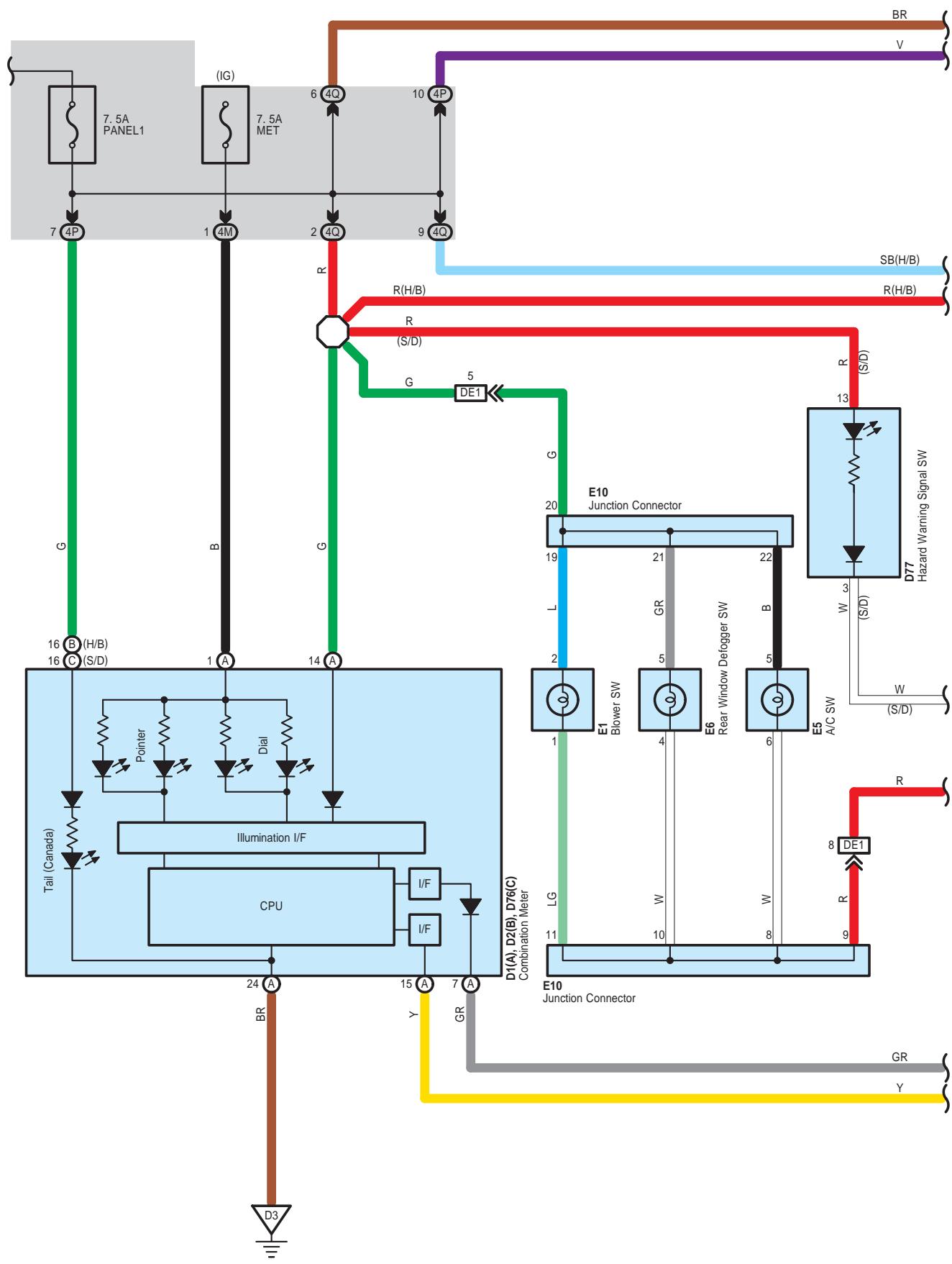
| Code | See Page | Ground Points Location |
|------|-------------|-------------------------------------|
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |
| D3 | 62 (H/B) | Instrument Panel Reinforcement Left |
| | 63 (S/D) | |
| J2 | 66 (4-Door) | Lower Back Panel Left |
| N1 | 64 (5-Door) | Back Door Panel Center |
| | 65 (3-Door) | |

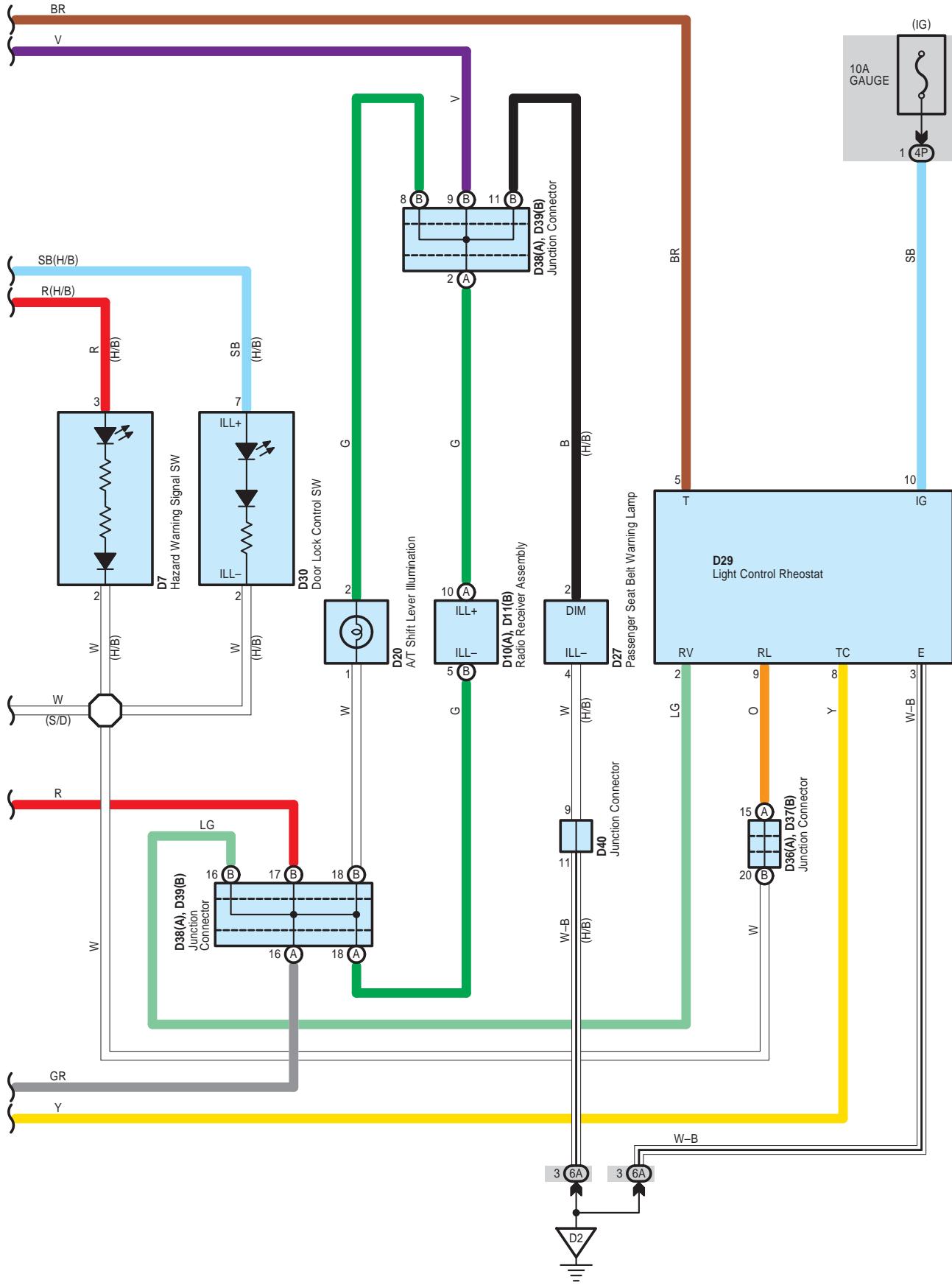
Taillight and Illumination





Taillight and Illumination





Taillight and Illumination

: Parts Location

| Code | | See Page | | Code | | See Page | | Code | | See Page | | |
|------|---|--------------|--|------|---|----------|---|------|---|-------------|--|--|
| A24 | A | 46 (H/B) | | D10 | A | 53 (S/D) | | D77 | | 53 (S/D) | | |
| | | 48 (S/D) | | D11 | B | 51 (H/B) | | E1 | | 50 (H/B) | | |
| A28 | | 43, 46 (H/B) | | | | 53 (S/D) | | | | 52 (S/D) | | |
| | | 43, 48 (S/D) | | D20 | | 51 (H/B) | | E5 | | 50 (H/B) | | |
| B3 | | 46 (H/B) | | | | 53 (S/D) | | | | 52 (S/D) | | |
| B7 | | 46 (H/B) | | D27 | | 51 (H/B) | | E6 | | 50 (H/B) | | |
| B11 | | 46 (H/B) | | | | 51 (H/B) | | | | 52 (S/D) | | |
| B12 | | 46 (H/B) | | D29 | | 53 (S/D) | | E10 | | 50 (H/B) | | |
| B13 | B | 46 (H/B) | | | | 51 (H/B) | | | | 52 (S/D) | | |
| | | 48 (S/D) | | D36 | A | 51 (H/B) | | J3 | B | 55 (5-Door) | | |
| B14 | | 48 (S/D) | | | | 53 (S/D) | | | | 57 (3-Door) | | |
| B15 | | 48 (S/D) | | D37 | B | 51 (H/B) | | J4 | B | 55 (5-Door) | | |
| D1 | A | 51 (H/B) | | | | 53 (S/D) | | | | 57 (3-Door) | | |
| | | 53 (S/D) | | D38 | A | 51 (H/B) | | J34 | A | 59 (4-Door) | | |
| D2 | B | 51 (H/B) | | | | 53 (S/D) | | J35 | A | 59 (4-Door) | | |
| D4 | | 51 (H/B) | | D39 | B | 51 (H/B) | | J36 | | 59 (4-Door) | | |
| | | 53 (S/D) | | | | 53 (S/D) | | J37 | | 59 (4-Door) | | |
| D7 | | 51 (H/B) | | D40 | | 51 (H/B) | | L1 | | 54 (5-Door) | | |
| D10 | A | 51 (H/B) | | | | D76 | C | | | 56 (3-Door) | | |

: Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4E | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4G | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4M | | |
| 4P | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4Q | | |
| 4S | | |
| 6A | 40 | Instrument Panel Wire and J/B No.6 (Right Kick Panel) |

: Connector Joining Wire Harness and Wire Harness

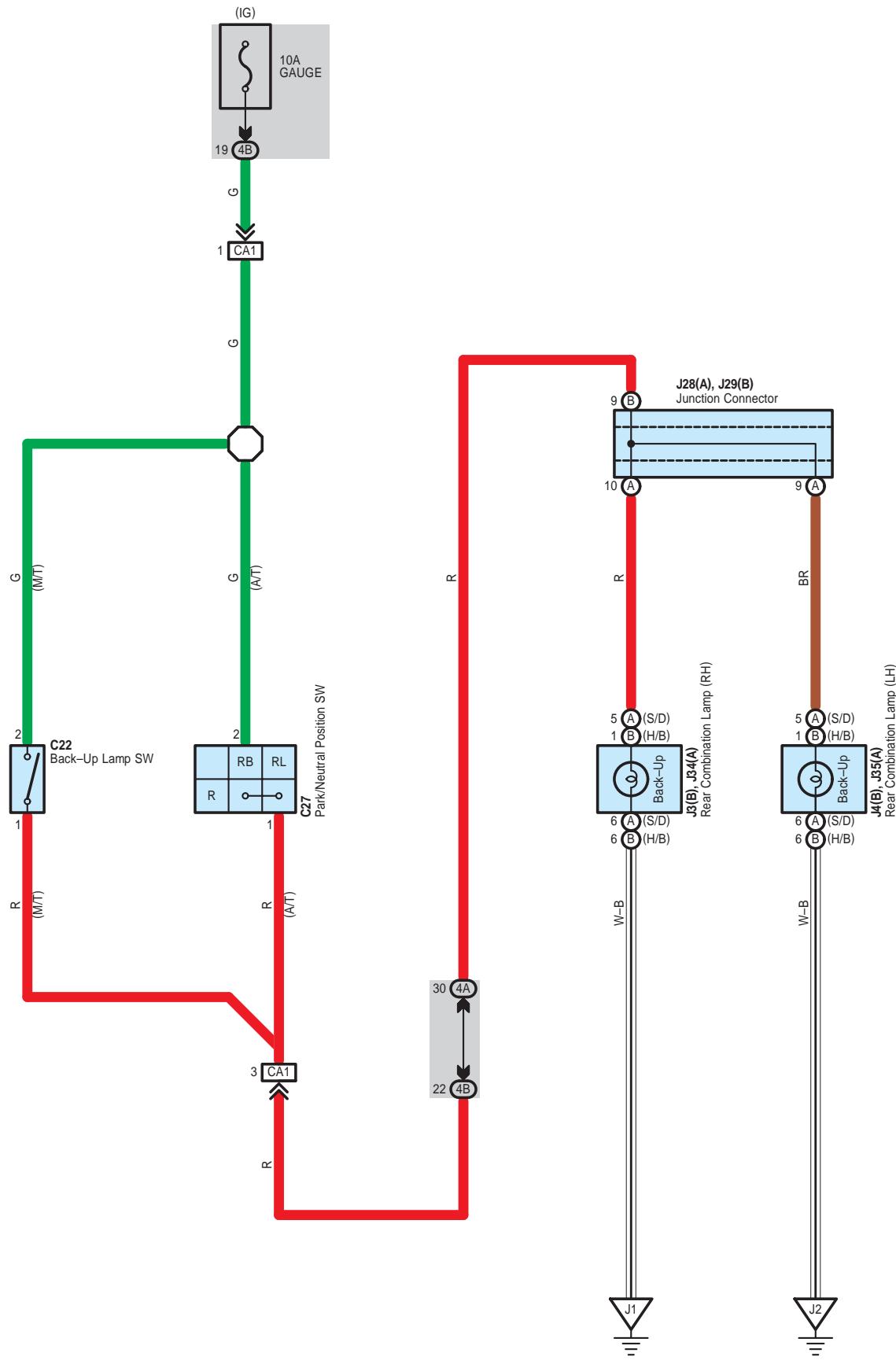
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-------------|--------------------------------------------------------------------------------|
| BA1 | 60 (H/B) | Engine Room No.2 Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |
| DE1 | 62 (H/B) | Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center) |
| | 63 (S/D) | |
| LJ1 | 64 (5-Door) | Luggage Room No.2 Wire and Floor Wire (Luggage Room Left) |
| | 65 (3-Door) | |



: Ground Points

| Code | See Page | Ground Points Location |
|------|-------------|-------------------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| B1 | 60 (H/B) | Radiator Support Left |
| | 61 (S/D) | |
| D2 | 62 (H/B) | Right Kick Panel |
| | 63 (S/D) | |
| D3 | 62 (H/B) | Instrument Panel Reinforcement Left |
| | 63 (S/D) | |
| J1 | 64 (5-Door) | Right Rear Quarter Panel |
| | 65 (3-Door) | |
| | 66 (4-Door) | |
| J2 | 64 (5-Door) | Left Rear Quarter Panel |
| | 65 (3-Door) | |
| | 66 (4-Door) | |

Back-Up Light



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|-------------|----------|-------------|-------------|
| C22 | 47 (H/B) | J4 | B | 55 (5-Door) | 57 (3-Door) |
| | 49 (S/D) | | | 57 (3-Door) | 59 (4-Door) |
| C27 | 47 (H/B) | J28 | A | 55 (5-Door) | 59 (4-Door) |
| | 49 (S/D) | | | 57 (3-Door) | 59 (4-Door) |
| J3 | B | 55 (5-Door) | J29 | 59 (4-Door) | |
| | | 57 (3-Door) | | 55 (5-Door) | |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |

 : Connector Joining Wire Harness and Wire Harness

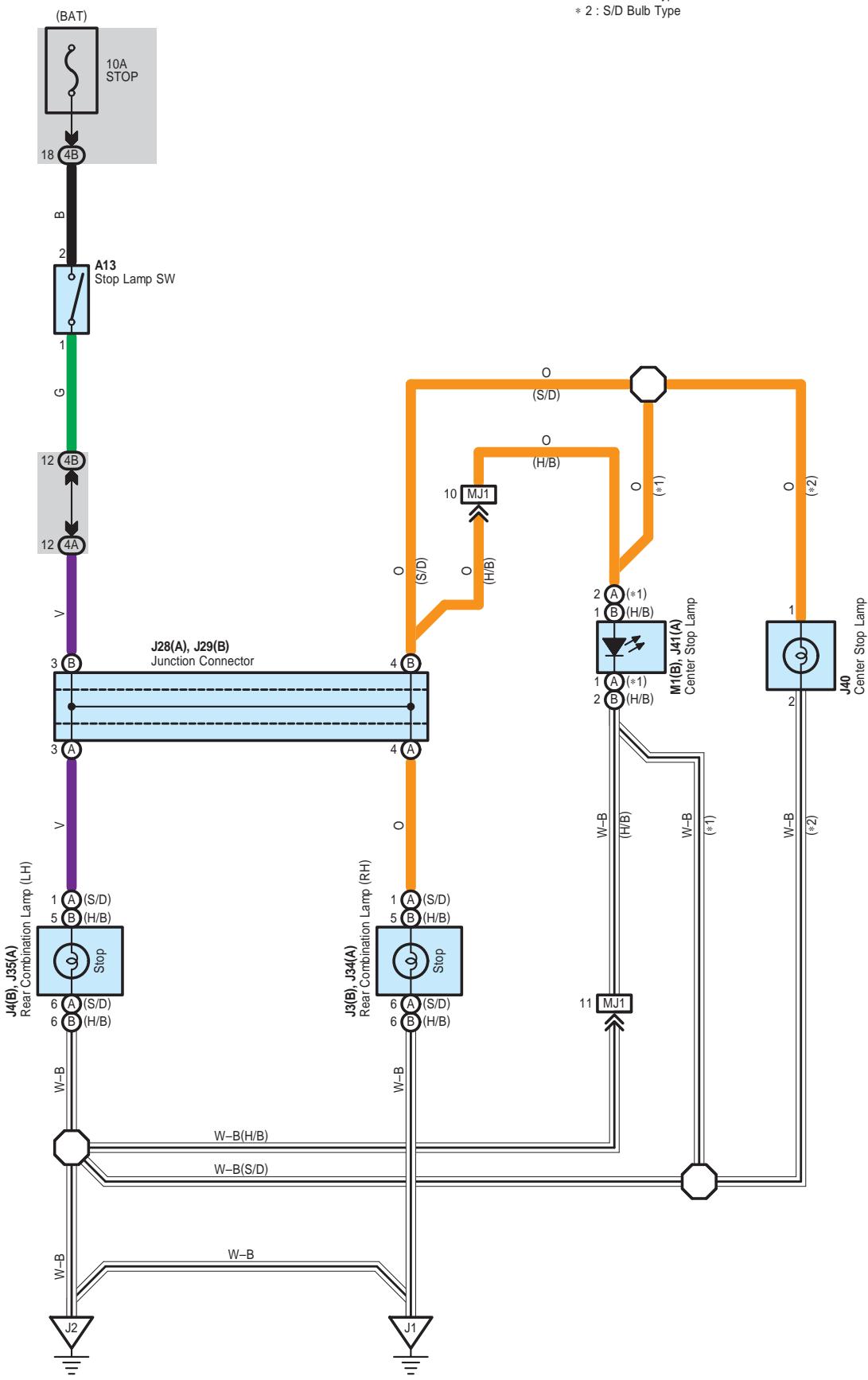
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-----------------------------------------------------------------|
| CA1 | 60 (H/B) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |

 : Ground Points

| Code | See Page | Ground Points Location |
|------|-------------|--------------------------|
| J1 | 64 (5-Door) | Right Rear Quarter Panel |
| | 65 (3-Door) | |
| | 66 (4-Door) | |
| J2 | 64 (5-Door) | Left Rear Quarter Panel |
| | 65 (3-Door) | |
| | 66 (4-Door) | |

Stop Light

* 1 : S/D LED Type
 * 2 : S/D Bulb Type



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|---------------|------|----------|-------------|-------------------|
| A13 | 50 (H/B) | J28 | A | 55 (5-Door) | J34 A 59 (4-Door) |
| | 52 (S/D) | | | 57 (3-Door) | J35 A 59 (4-Door) |
| J3 | B 55 (5-Door) | J29 | B | 59 (4-Door) | J40 59 (4-Door) |
| | 57 (3-Door) | | | 55 (5-Door) | J41 A 59 (4-Door) |
| J4 | B 55 (5-Door) | J29 | B | 57 (3-Door) | M1 B 54 (5-Door) |
| | 57 (3-Door) | | | 59 (4-Door) | 56 (3-Door) |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |

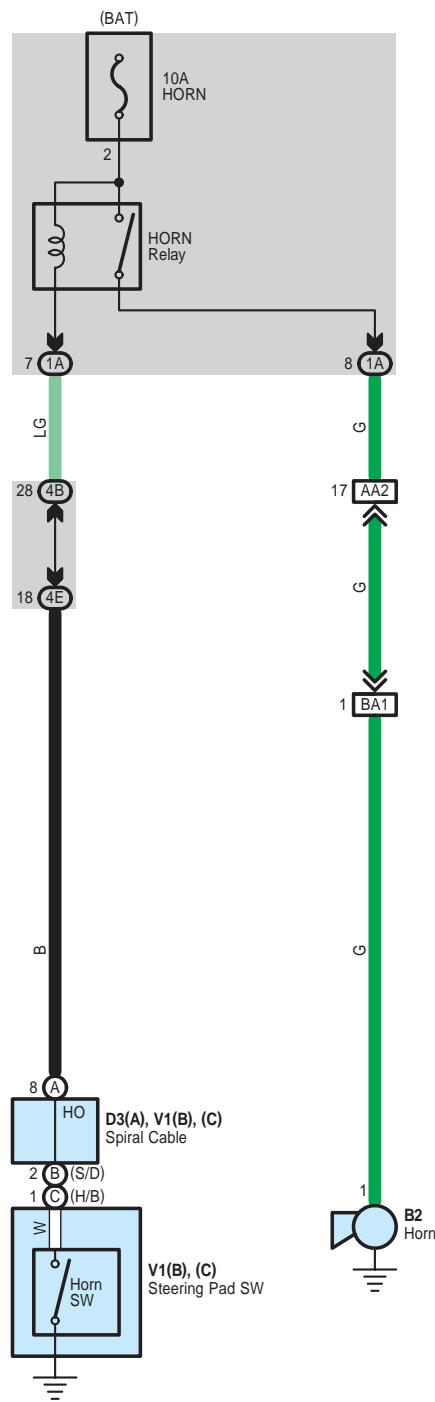
 : Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-------------|--------------------------------------------------------------|
| MJ1 | 64 (5-Door) | Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel) |
| | 65 (3-Door) | |

 : Ground Points

| Code | See Page | Ground Points Location |
|------|-------------|--------------------------|
| J1 | 64 (5-Door) | Right Rear Quarter Panel |
| | 65 (3-Door) | |
| | 66 (4-Door) | |
| J2 | 64 (5-Door) | Left Rear Quarter Panel |
| | 65 (3-Door) | |
| | 66 (4-Door) | |

Horn



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page | | |
|------|----------|------|----------|----------|----------|---|----------|
| B2 | 46 (H/B) | D3 | A | 51 (H/B) | V1 | B | 52 (S/D) |
| | 48 (S/D) | | | 53 (S/D) | | C | 50 (H/B) |

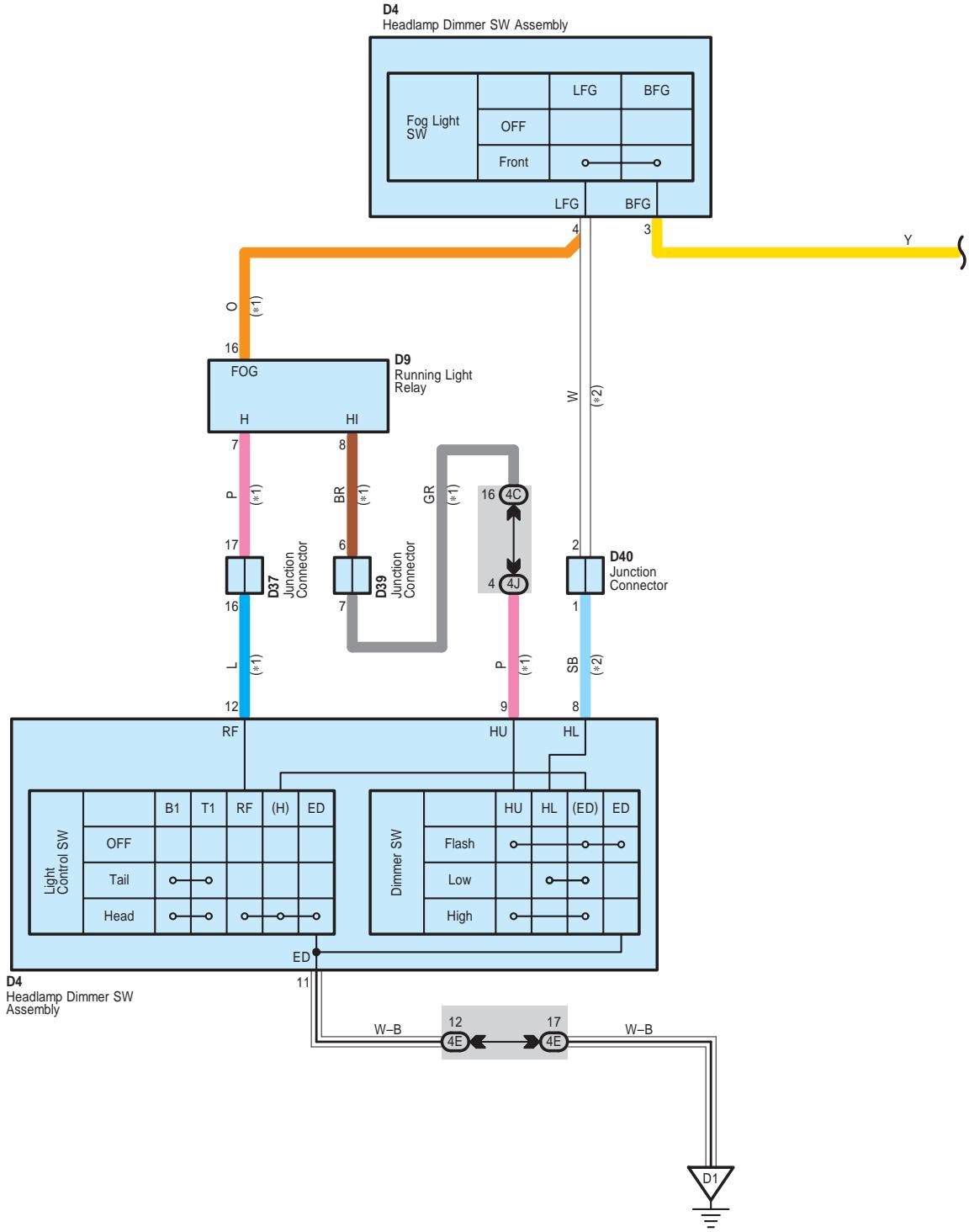
 : Junction Block and Wire Harness Connector

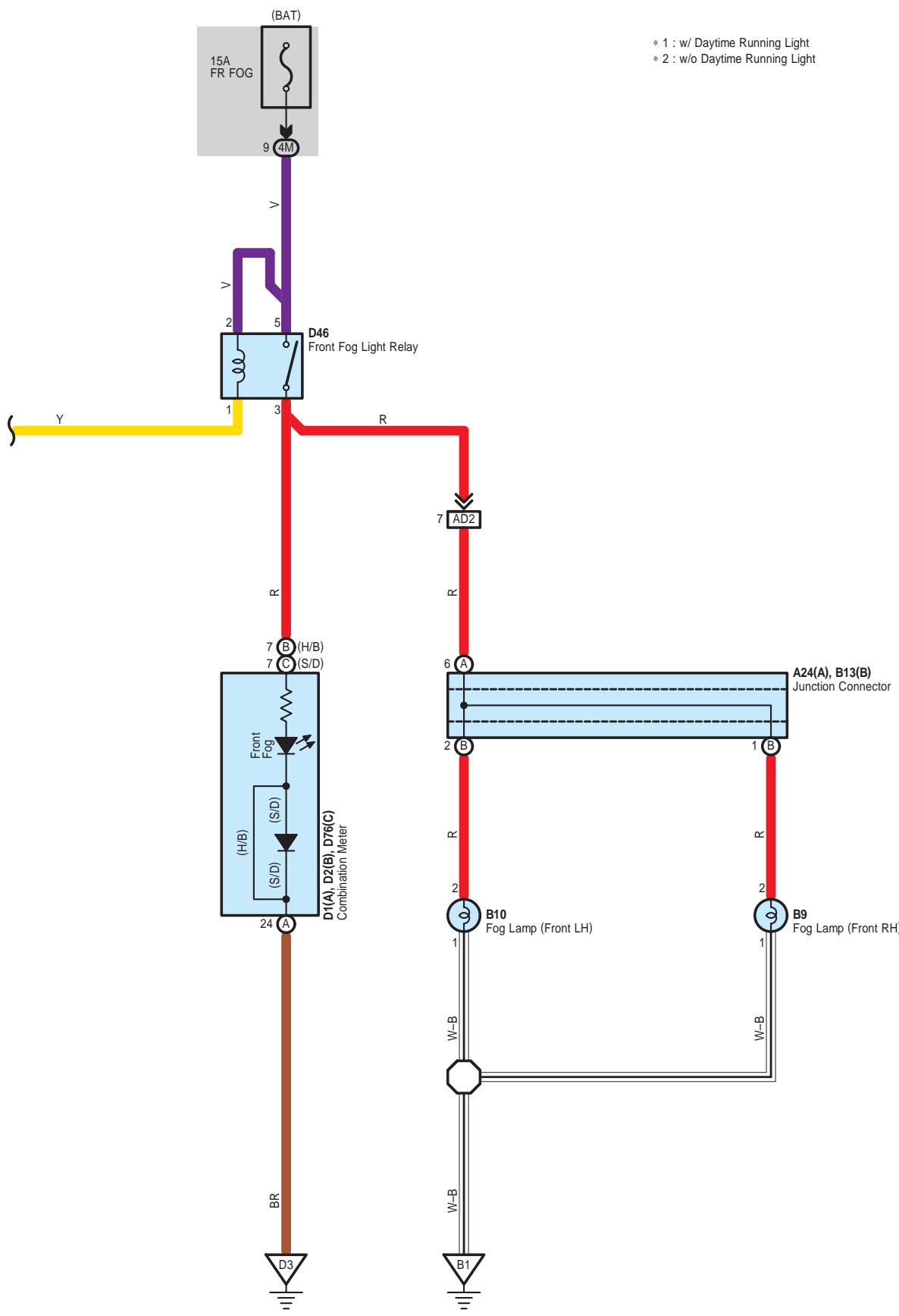
| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 1A | 25 | Engine Room Main Wire and Engine Room J/B (Engine Compartment Left) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4E | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |

 : Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| BA1 | 60 (H/B) | Engine Room No.2 Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |

Front Fog Light





Front Fog Light

 : Parts Location

| Code | | See Page | | Code | | See Page | | Code | | See Page | |
|------|---|----------|--|----------|---|----------|--|------|----------|----------|--|
| A24 | A | 46 (H/B) | | D1 | A | 51 (H/B) | | D37 | 53 (S/D) | 53 (S/D) | |
| | | 48 (S/D) | | | | 53 (S/D) | | | | 51 (H/B) | |
| B9 | | 46 (H/B) | | D2 | B | 51 (H/B) | | D39 | 53 (S/D) | 51 (H/B) | |
| | | 48 (S/D) | | | | 51 (H/B) | | | | 53 (S/D) | |
| B10 | | 46 (H/B) | | D4 | | 53 (S/D) | | D40 | 53 (S/D) | 51 (H/B) | |
| | | 48 (S/D) | | | | 51 (H/B) | | | | 53 (S/D) | |
| B13 | B | 46 (H/B) | | D9 | | 53 (S/D) | | D46 | 53 (S/D) | 51 (H/B) | |
| | | 48 (S/D) | | | | 53 (S/D) | | | | 53 (S/D) | |
| | | D37 | | 51 (H/B) | | | | D76 | C | 53 (S/D) | |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4C | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4E | | |
| 4J | | |
| 4M | 31 | |

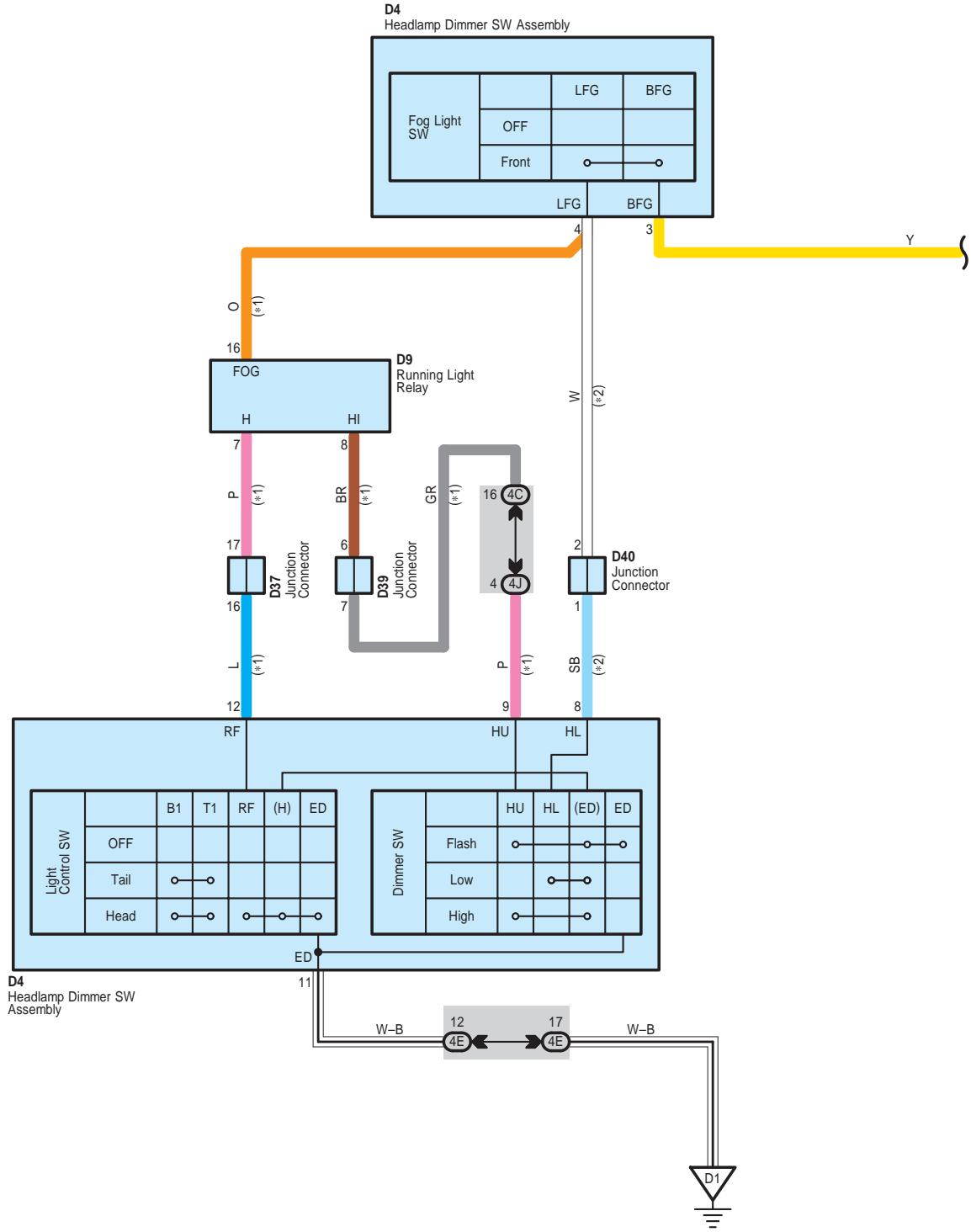
 : Connector Joining Wire Harness and Wire Harness

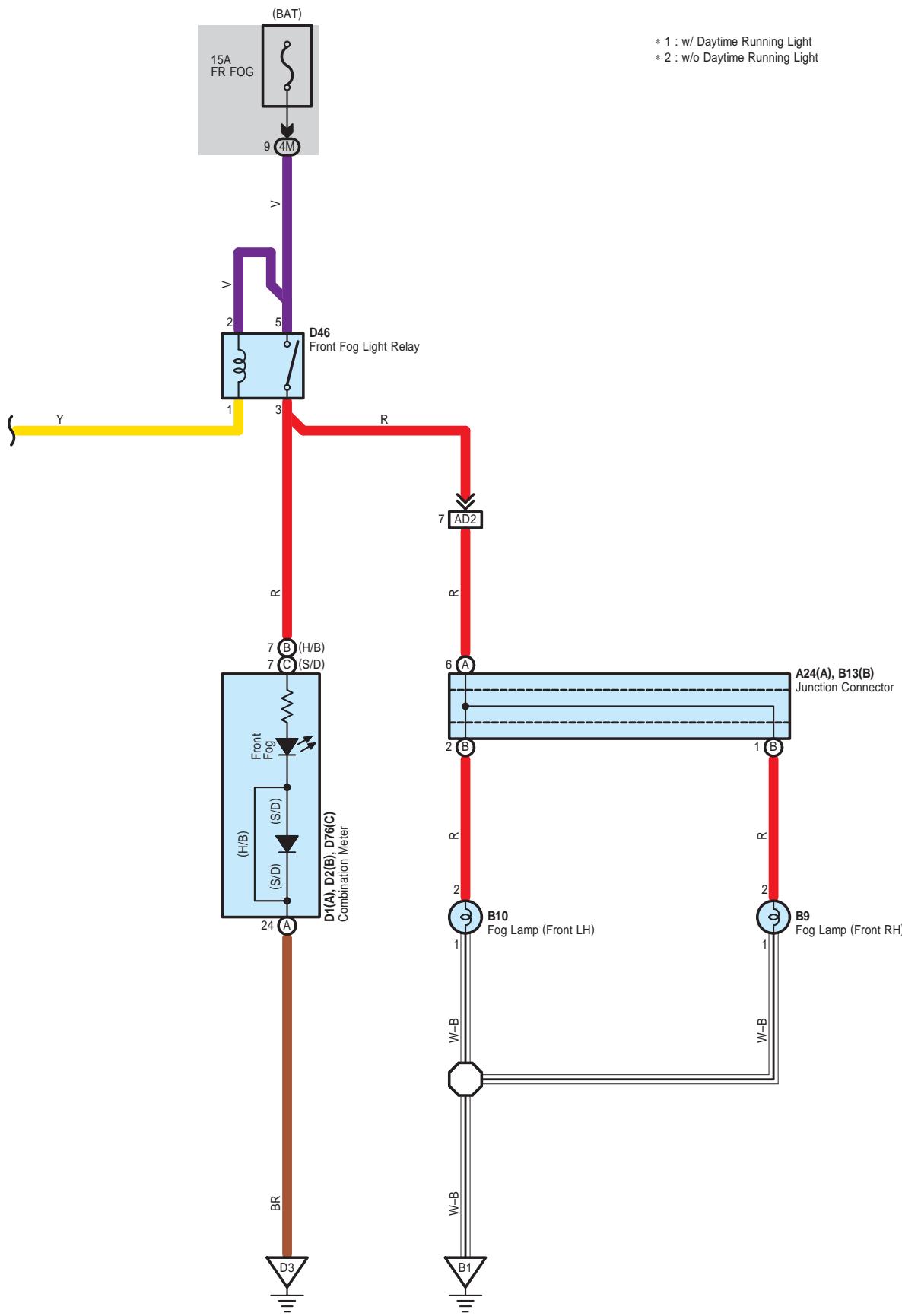
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-------------------------------------------------------------------------|
| AD2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |

 : Ground Points

| Code | See Page | Ground Points Location |
|------|----------|-------------------------------------|
| B1 | 60 (H/B) | Radiator Support Left |
| | 61 (S/D) | |
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |
| D3 | 62 (H/B) | Instrument Panel Reinforcement Left |
| | 63 (S/D) | |

Front Fog Light





Front Fog Light

 : Parts Location

| Code | | See Page | | Code | | See Page | | Code | | See Page | |
|------|---|----------|--|----------|---|----------|--|------|----------|----------|--|
| A24 | A | 46 (H/B) | | D1 | A | 51 (H/B) | | D37 | 53 (S/D) | 53 (S/D) | |
| | | 48 (S/D) | | | | 53 (S/D) | | | | 51 (H/B) | |
| B9 | | 46 (H/B) | | D2 | B | 51 (H/B) | | D39 | 53 (S/D) | 51 (H/B) | |
| | | 48 (S/D) | | | | 51 (H/B) | | | | 53 (S/D) | |
| B10 | | 46 (H/B) | | D4 | | 53 (S/D) | | D40 | 51 (H/B) | 51 (H/B) | |
| | | 48 (S/D) | | | | 51 (H/B) | | | | 53 (S/D) | |
| B13 | B | 46 (H/B) | | D9 | | 53 (S/D) | | D46 | 51 (H/B) | 51 (H/B) | |
| | | 48 (S/D) | | | | 53 (S/D) | | | | 53 (S/D) | |
| | | D37 | | 51 (H/B) | | | | D76 | C | 53 (S/D) | |

 : Junction Block and Wire Harness Connector

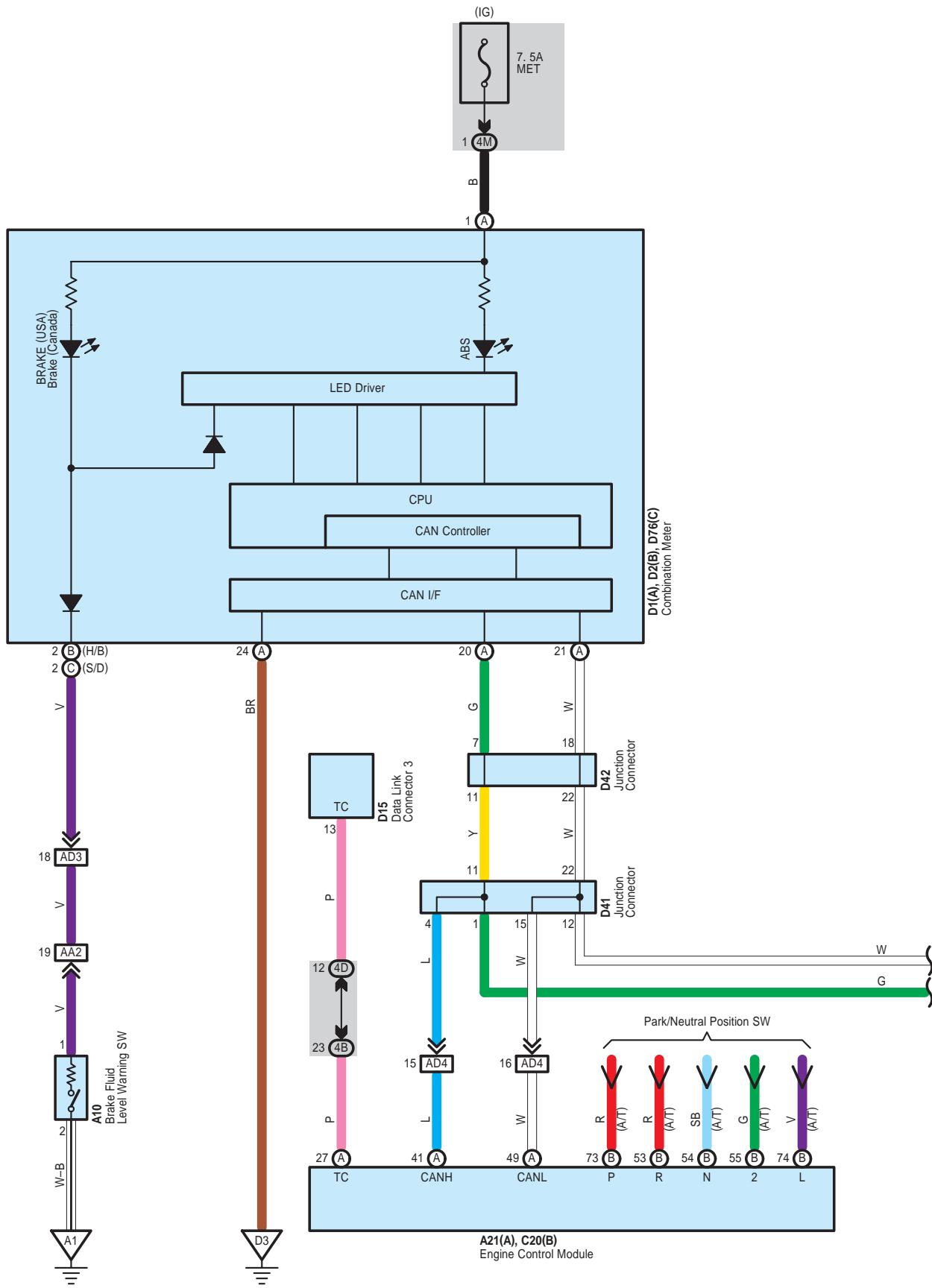
| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4C | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4E | | |
| 4J | | |
| 4M | 31 | |

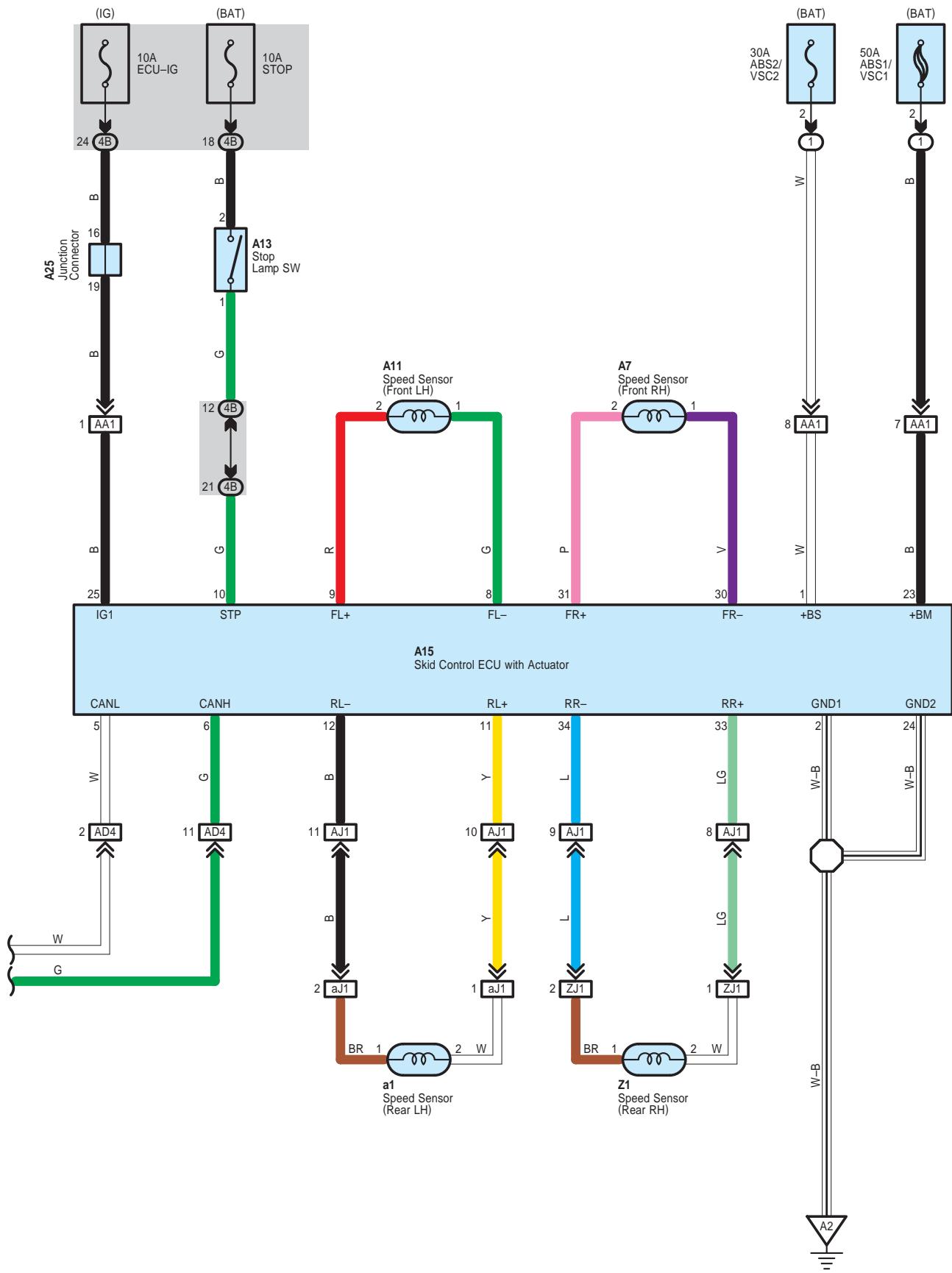
 : Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-------------------------------------------------------------------------|
| AD2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |

 : Ground Points

| Code | See Page | Ground Points Location |
|------|----------|-------------------------------------|
| B1 | 60 (H/B) | Radiator Support Left |
| | 61 (S/D) | |
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |
| D3 | 62 (H/B) | Instrument Panel Reinforcement Left |
| | 63 (S/D) | |





ABS

System Outline

1. Speed Sensor

Detects the wheel speed of each of four wheels.

2. Skid Control ECU

Based on signals from the sensors, it judges the vehicle driving condition and sends the brake control signal to the brake actuator.

3. ABS Warning Light

Lights up to alert the driver when the ECU detects a malfunction in the ABS system and stops the system.

4. Brake Warning Light

Lights up simultaneously with the ABS warning light to alert the driver when the ECU detects a malfunction not only in the ABS but also in the EBD. Single light-up of the brake warning light alerts the driver when the ECU detects a malfunction in the brake system.

5. Engine Control Computer

Sends signals such as park/neutral position SW, TC switch, etc., to the skid control ECU with actuator.

: Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|----------|----------------|
| A7 | 46 (H/B) | A21 | A | 48 (S/D) | D41 53 (S/D) |
| | 48 (S/D) | A25 | B | 46 (H/B) | D42 51 (H/B) |
| A10 | 46 (H/B) | | | 48 (S/D) | |
| | 48 (S/D) | C20 | B | 47 (H/B) | D76 C 53 (S/D) |
| A11 | 46 (H/B) | D1 | A | 49 (S/D) | Z1 54 (5-Door) |
| | 48 (S/D) | | | 51 (H/B) | |
| A13 | 50 (H/B) | D2 | B | 53 (S/D) | 56 (3-Door) |
| | 52 (S/D) | | | 51 (H/B) | |
| A15 | 46 (H/B) | D15 | B | 51 (H/B) | 58 (4-Door) |
| | 48 (S/D) | | | 53 (S/D) | |
| A21 | A | A21 | D41 | 51 (H/B) | a1 54 (5-Door) |

: Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

: Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4D | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4M | 31 | |

: Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-------------|---------------------------------------------------------------------------|
| AA1 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AA2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD3 | 62 (H/B) | Engine Room Main Wire and Floor Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD4 | 62 (H/B) | Skid Control Sensor RH Wire and Floor Wire (Quarter Wheel House Panel RH) |
| | 63 (S/D) | |
| AJ1 | 62 (H/B) | Skid Control Sensor LH Wire and Floor Wire (Quarter Wheel House Panel LH) |
| | 63 (S/D) | |
| ZJ1 | 64 (5-Door) | Skid Control Sensor RH Wire and Floor Wire (Quarter Wheel House Panel RH) |
| | 65 (3-Door) | |
| | 66 (4-Door) | |
| aJ1 | 64 (5-Door) | Skid Control Sensor LH Wire and Floor Wire (Quarter Wheel House Panel LH) |
| | 65 (3-Door) | |
| | 66 (4-Door) | |

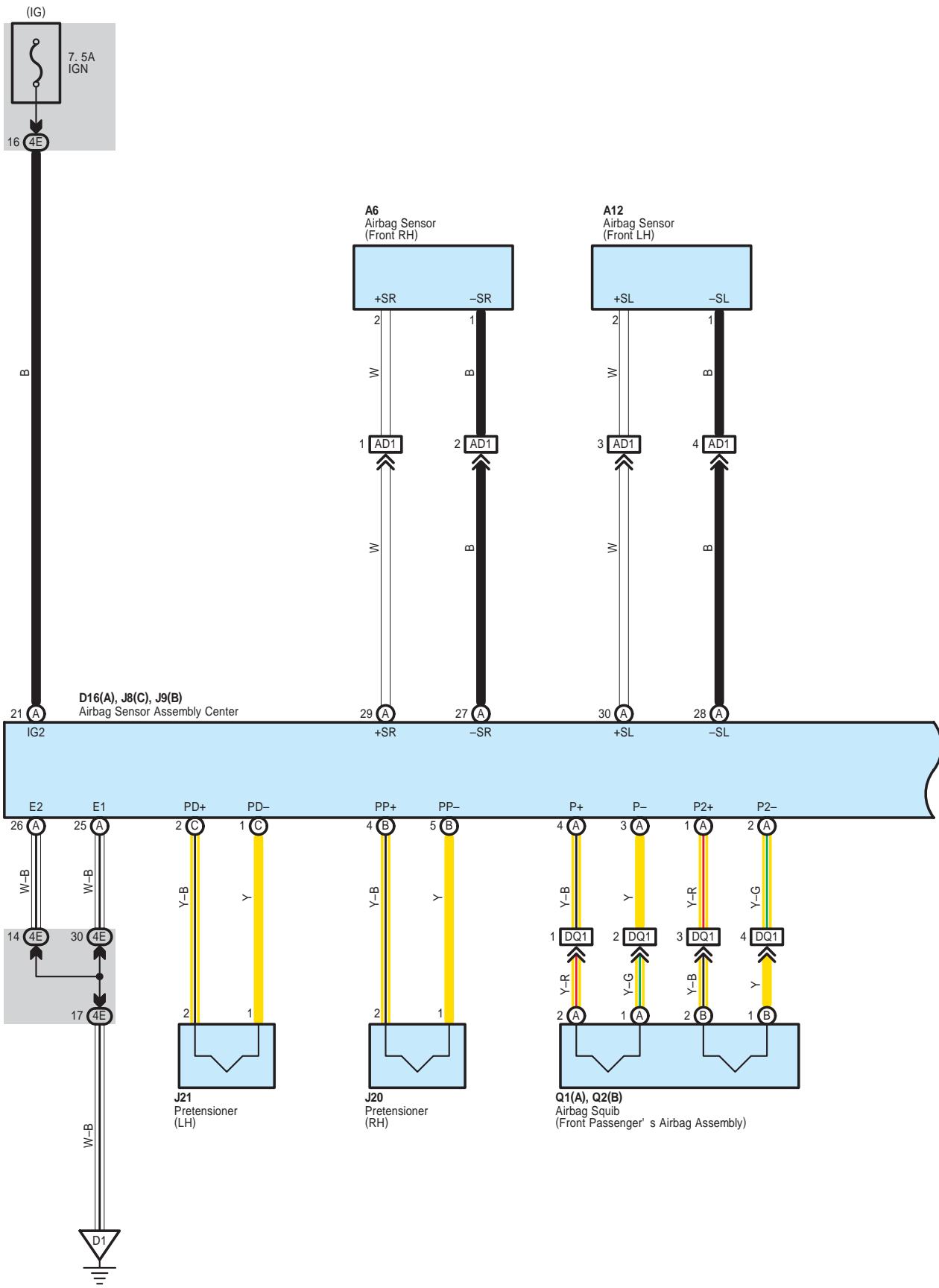
: Ground Points

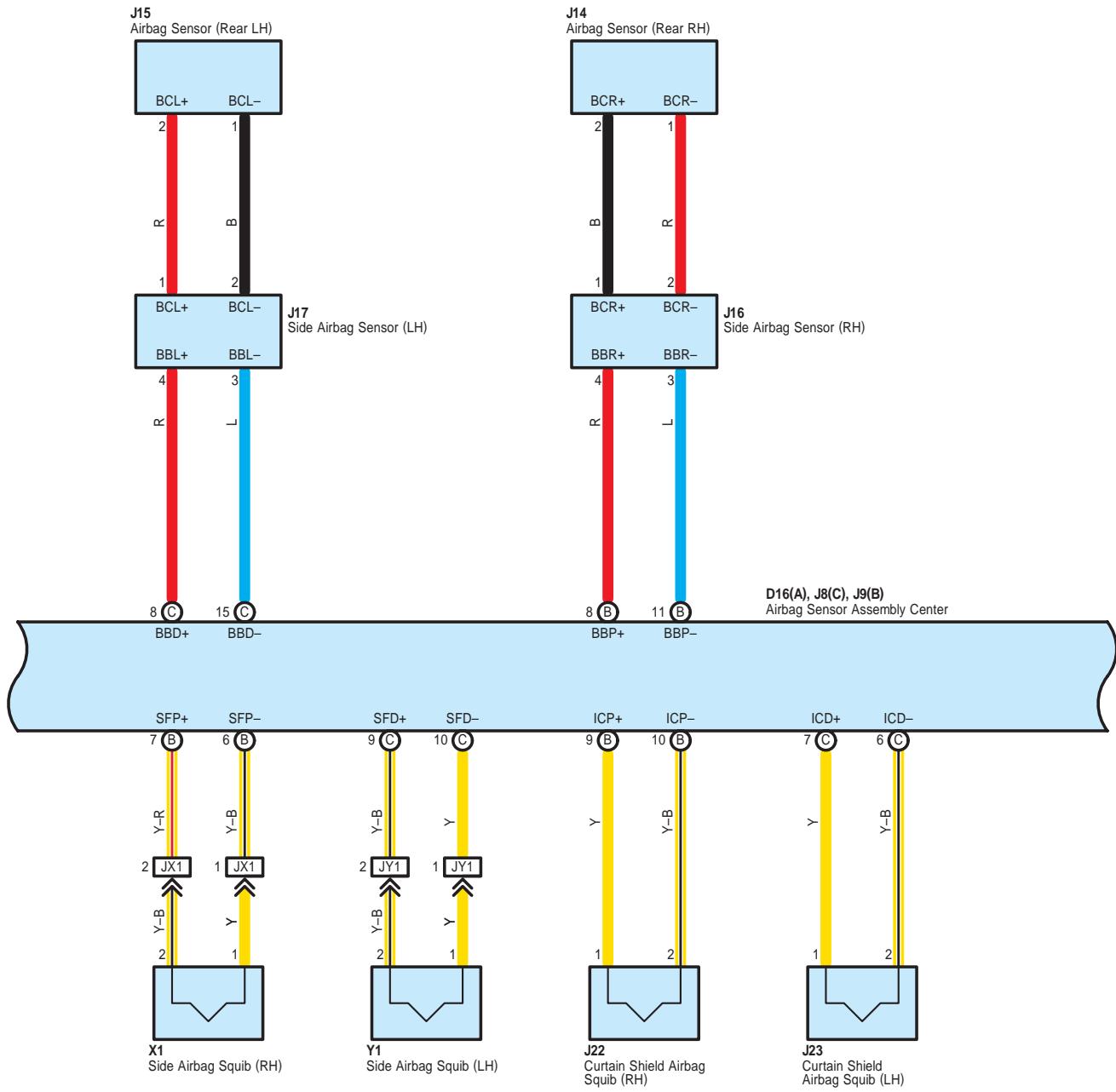
| Code | See Page | Ground Points Location |
|------|----------|-------------------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| A2 | 60 (H/B) | Instrument Panel Reinforcement Left |
| | 61 (S/D) | |
| D3 | 62 (H/B) | Instrument Panel Reinforcement Left |
| | 63 (S/D) | |

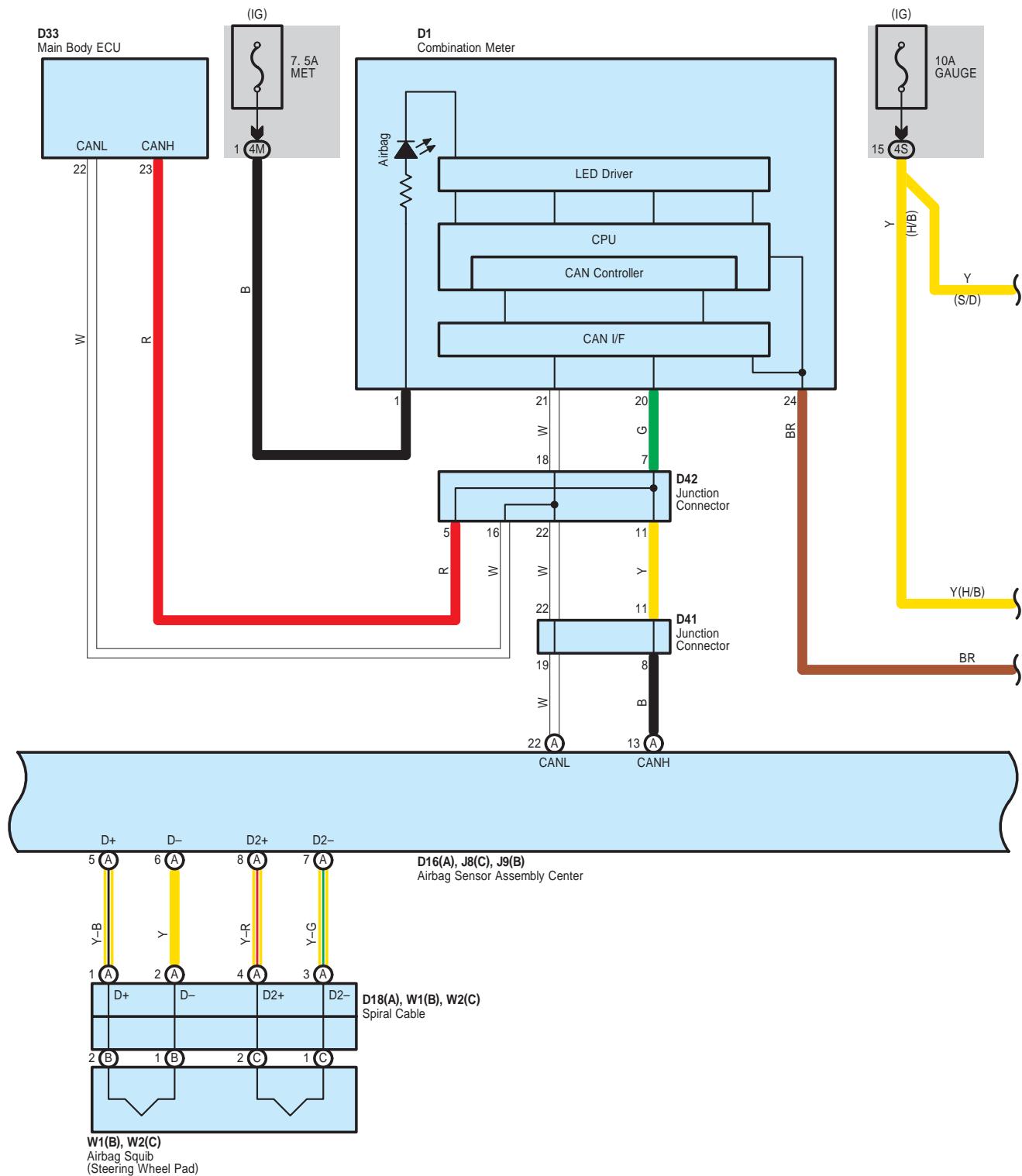
NOTICE: When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

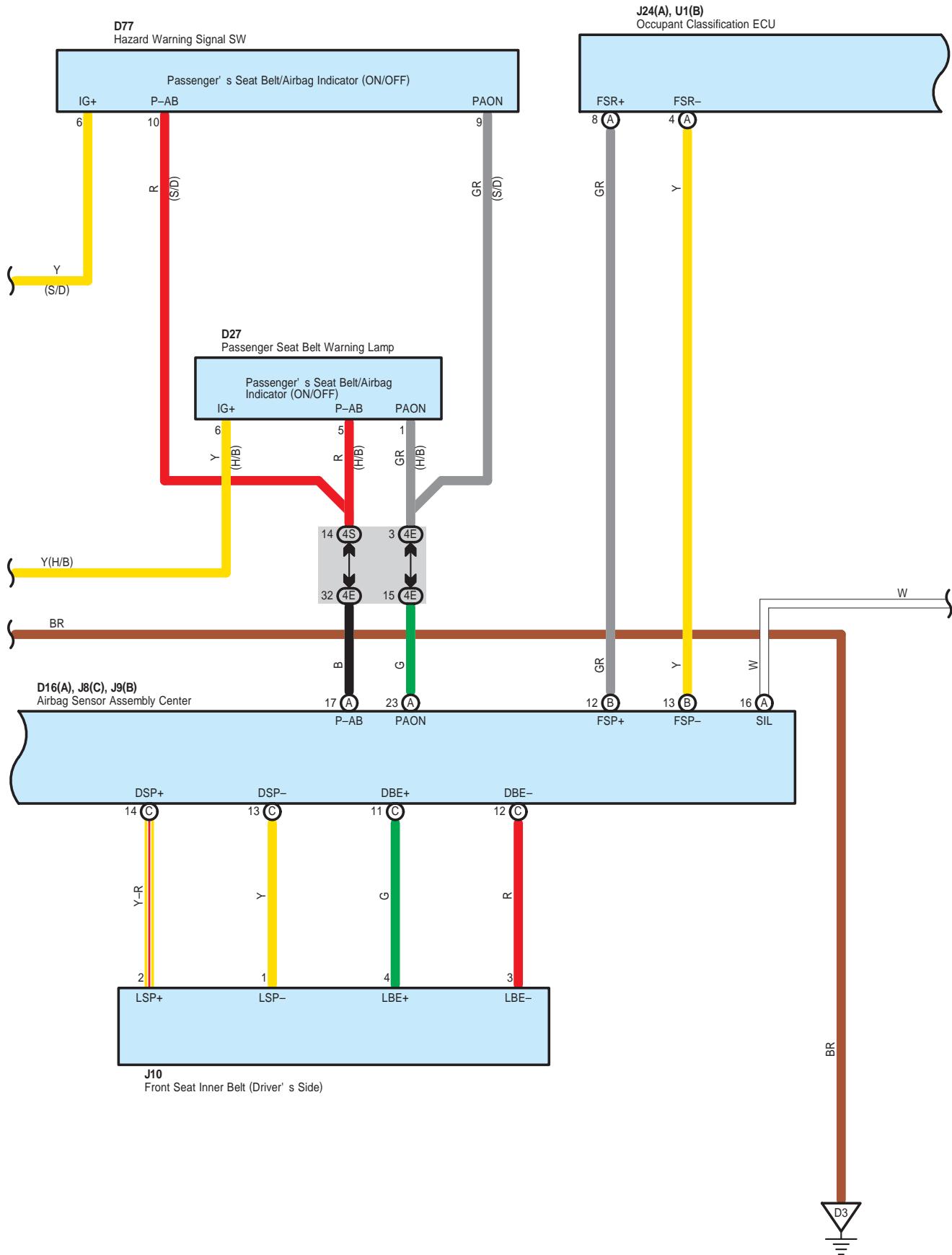
- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- **Work must be started more than 90 seconds after the ignition SW is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery.**
(The SRS is equipped with a back-up power source so that if work is started within 90 seconds from disconnecting the negative (-) terminal cable of the battery, the SRS may deploy.)
- When the negative (-) terminal cable is disconnected from the battery, the memory of the clock and audio system will be cleared. So before starting work, make a record of the contents in the audio memory system. When work is finished, reset the audio systems as they were before and adjust the clock. Some vehicles have power tilt steering, power telescopic steering, power seat and power outside rear view mirror which are all equipped with memory function. However, it is not possible to make a record of these memory contents. So when the work is finished, it will be necessary to explain it to your customer, and ask the customer to adjust the features and reset the memory. To avoid erasing the memory in each system, never use a back-up power supply from outside the vehicle.
- Before repair, remove the airbag sensor if shocks are likely to be applied to the sensor during repair.
- Do not expose the following parts directly to hot air or flame;
- Even in cases of a minor collision where the SRS does not deploy, the following parts should be inspected;
- Never use SRS parts from another vehicle. When replacing parts, replace with new parts.
- For the purpose of reuse, never disassemble and repair the following parts.
- If the following parts have been dropped, or have cracks, dents and other defects in their case, bracket, and connector, replace with new one.
- Use a volt/ohmmeter with high impedance (10 kΩ/V minimum) for troubleshooting electrical circuits of the system.
- Information labels are attached to the periphery of the SRS components. Follow the instructions of the notice.
- After work on the SRS is completed, check the SRS warning light.
- If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.

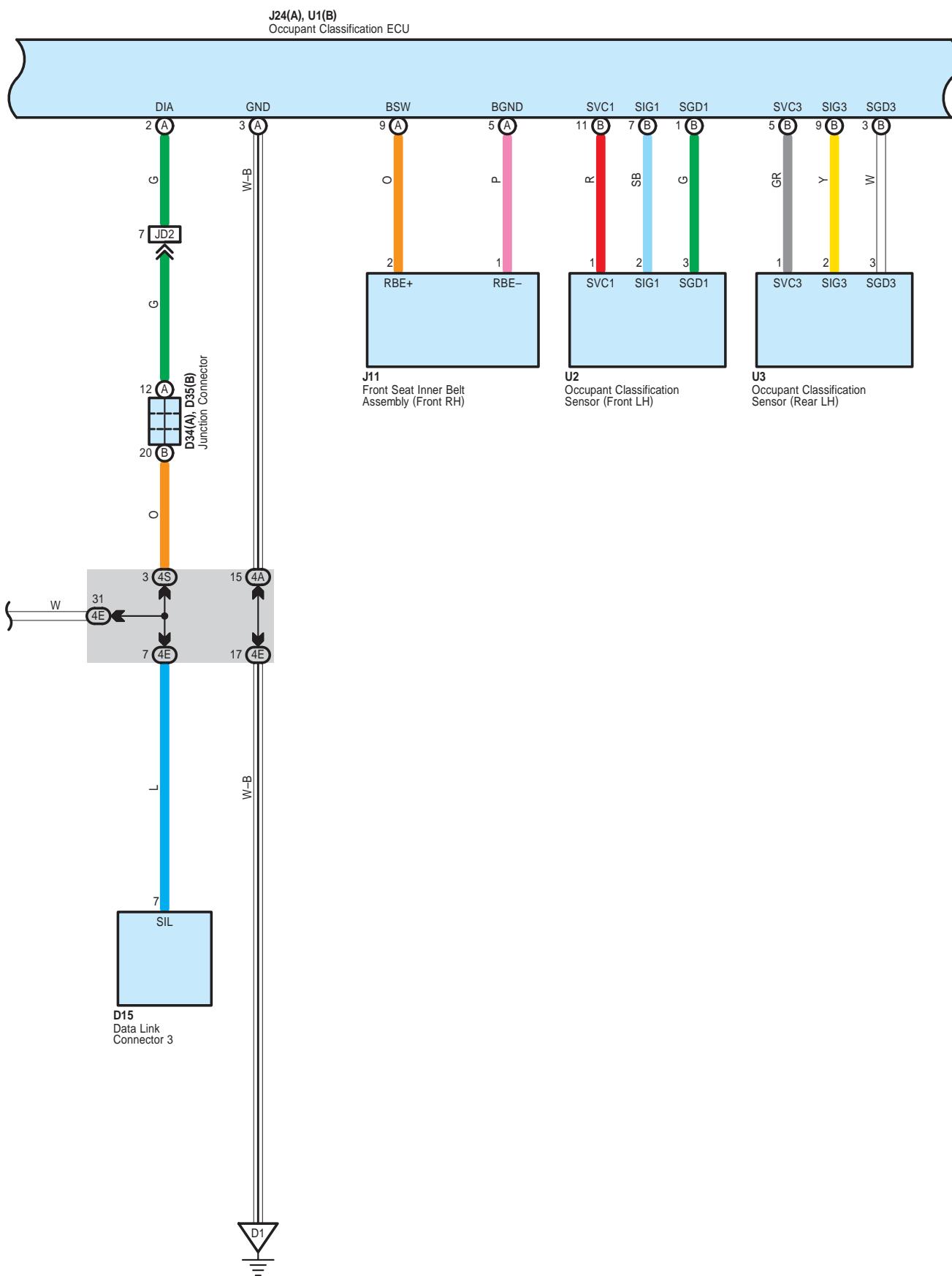
- * Steering wheel pad
 - * Front passenger airbag assembly
 - * Side airbag assembly
 - * Curtain shield airbag assembly
 - * Seat belt pretensioner
 - * Center airbag sensor assembly
 - * Front airbag sensor assembly
 - * Side airbag sensor assembly
 - * Rear airbag sensor assembly

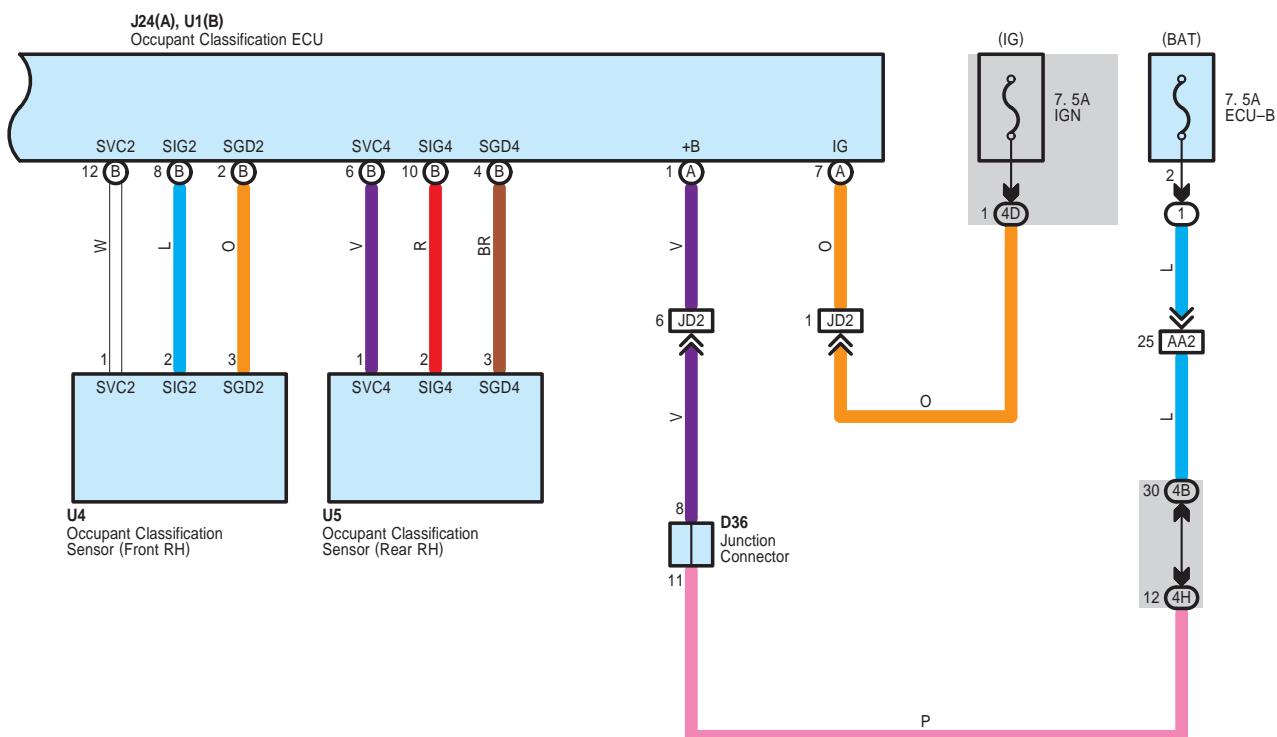












System Outline

- * The system reaches an ignition judgment to deploy the following device based on the signals received from the front airbag sensor and deceleration sensor.
 - Driver Airbag
 - Front Passenger Airbag
 - Seat Belt Pretensioner
- * The system reaches an ignition judgment to deploy the following device based on the signals received from the side airbag sensors.
 - Side Airbags
 - Curtain Shield Airbags
- * The dual-stage SRS airbag system has been used for the driver and front passenger airbags. This system controls the optimal airbag inflation by judging the extent of impact, seat position (driver seat) and whether or not the seat belt is fastened(driver seat) and information from the Front Passenger Occupant Classification System.
- * The front passenger occupant classification system judges whether the front passenger seat is occupied by an adult or child (with child seat) or is unoccupied, according to the load applied to the front passenger seat and whether the seat belt is buckled. Based on the results, it restricts the deployment of the front passenger airbag, front passenger side airbag, and front passenger seat belt pretensioner. In addition, the system informs the driver of the result of the judgment through the use of the AIRBAG ON/OFF indicator lights.
- * The airbag sensor assembly transmits a signal to the engine control module in order to stop the fuel pump.
- * The Airbag sensor assembly transmits a signal to the main body ECU in order to release the door lock.

O : Parts Location

| Code | See Page | Code | See Page | Code | See Page | |
|------|------------|------|-------------|------|---------------|--|
| A6 | 46 (H/B) | J10 | 57 (3-Door) | J24 | A 59 (4-Door) | |
| | 48 (S/D) | | 59 (4-Door) | Q1 | A 50 (H/B) | |
| A12 | 46 (H/B) | J11 | 55 (5-Door) | | A 52 (S/D) | |
| | 48 (S/D) | | 57 (3-Door) | Q2 | B 50 (H/B) | |
| D1 | 51 (H/B) | | 59 (4-Door) | | B 52 (S/D) | |
| | 53 (S/D) | | 55 (5-Door) | U1 | B 54 (5-Door) | |
| D15 | 51 (H/B) | J14 | 57 (3-Door) | | B 56 (3-Door) | |
| | 53 (S/D) | | 59 (4-Door) | | B 58 (4-Door) | |
| D16 | A 51 (H/B) | J15 | 55 (5-Door) | U2 | 54 (5-Door) | |
| | 53 (S/D) | | 57 (3-Door) | | 56 (3-Door) | |
| D18 | A 51 (H/B) | | 59 (4-Door) | | 58 (4-Door) | |
| | 53 (S/D) | | 55 (5-Door) | U3 | 54 (5-Door) | |
| D27 | | J16 | 57 (3-Door) | | 56 (3-Door) | |
| D33 | | | 59 (4-Door) | | 58 (4-Door) | |
| D34 | A 51 (H/B) | | 55 (5-Door) | U4 | 54 (5-Door) | |
| | 53 (S/D) | J17 | 57 (3-Door) | | 56 (3-Door) | |
| D35 | B 51 (H/B) | | 59 (4-Door) | | 58 (4-Door) | |
| | 53 (S/D) | J20 | 55 (5-Door) | U5 | 54 (5-Door) | |
| D36 | | | 57 (3-Door) | | 56 (3-Door) | |
| D41 | | | 59 (4-Door) | | 58 (4-Door) | |
| D42 | 51 (H/B) | J21 | 55 (5-Door) | W1 | B 50 (H/B) | |
| | 53 (S/D) | | 57 (3-Door) | | B 52 (S/D) | |
| D77 | | | 59 (4-Door) | W2 | C 50 (H/B) | |
| J8 | C 51 (H/B) | J23 | 55 (5-Door) | | C 52 (S/D) | |
| | 52 (S/D) | | 57 (3-Door) | X1 | 54 (5-Door) | |
| J9 | B 50 (H/B) | J24 | 59 (4-Door) | | 56 (3-Door) | |
| | 52 (S/D) | | 55 (5-Door) | Y1 | 58 (4-Door) | |
| J10 | | | 57 (3-Door) | | | |

 : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4D | | |
| 4E | 30 | |
| 4H | | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4M | 31 | |
| 4S | | |

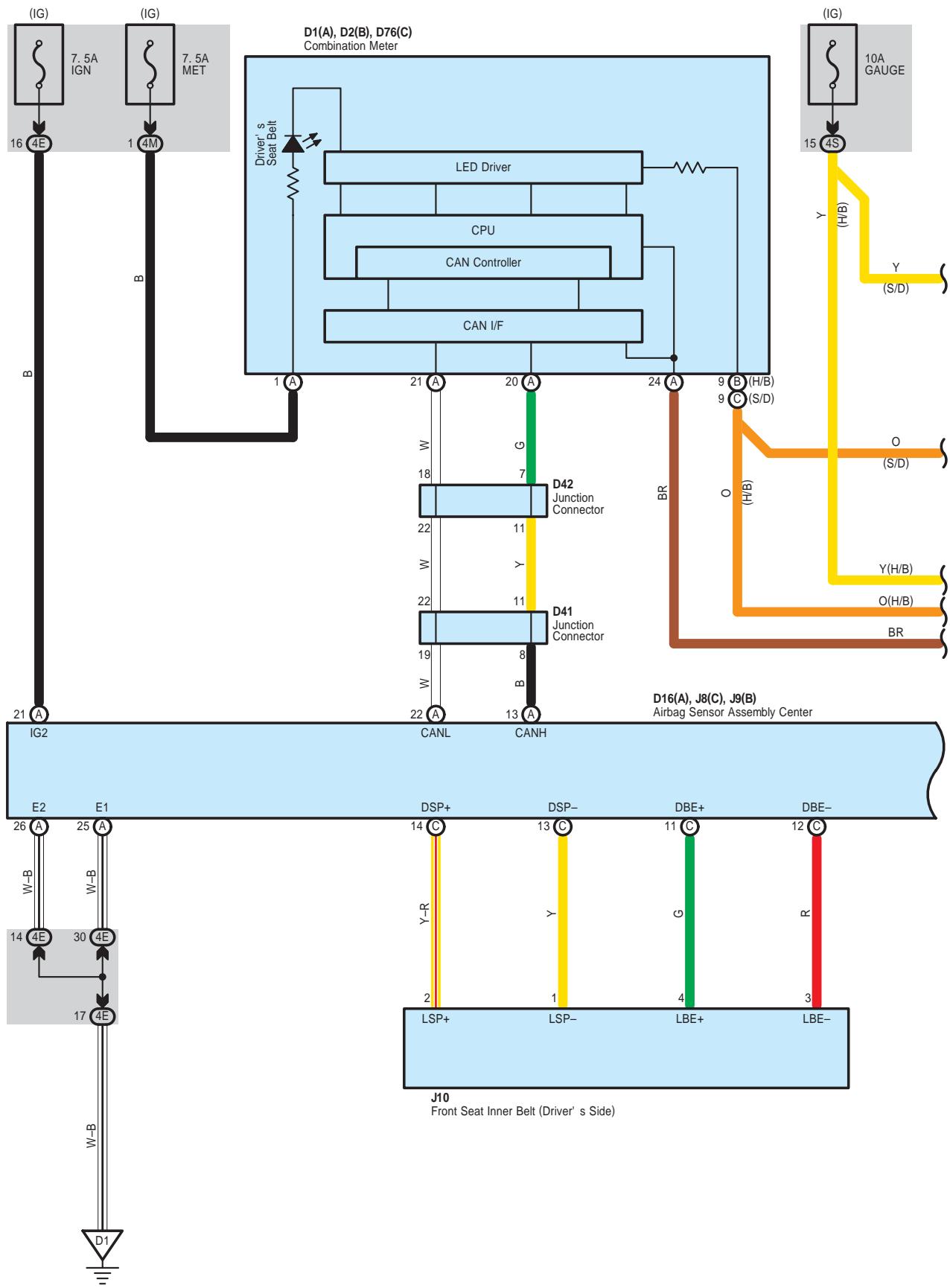
 : Connector Joining Wire Harness and Wire Harness

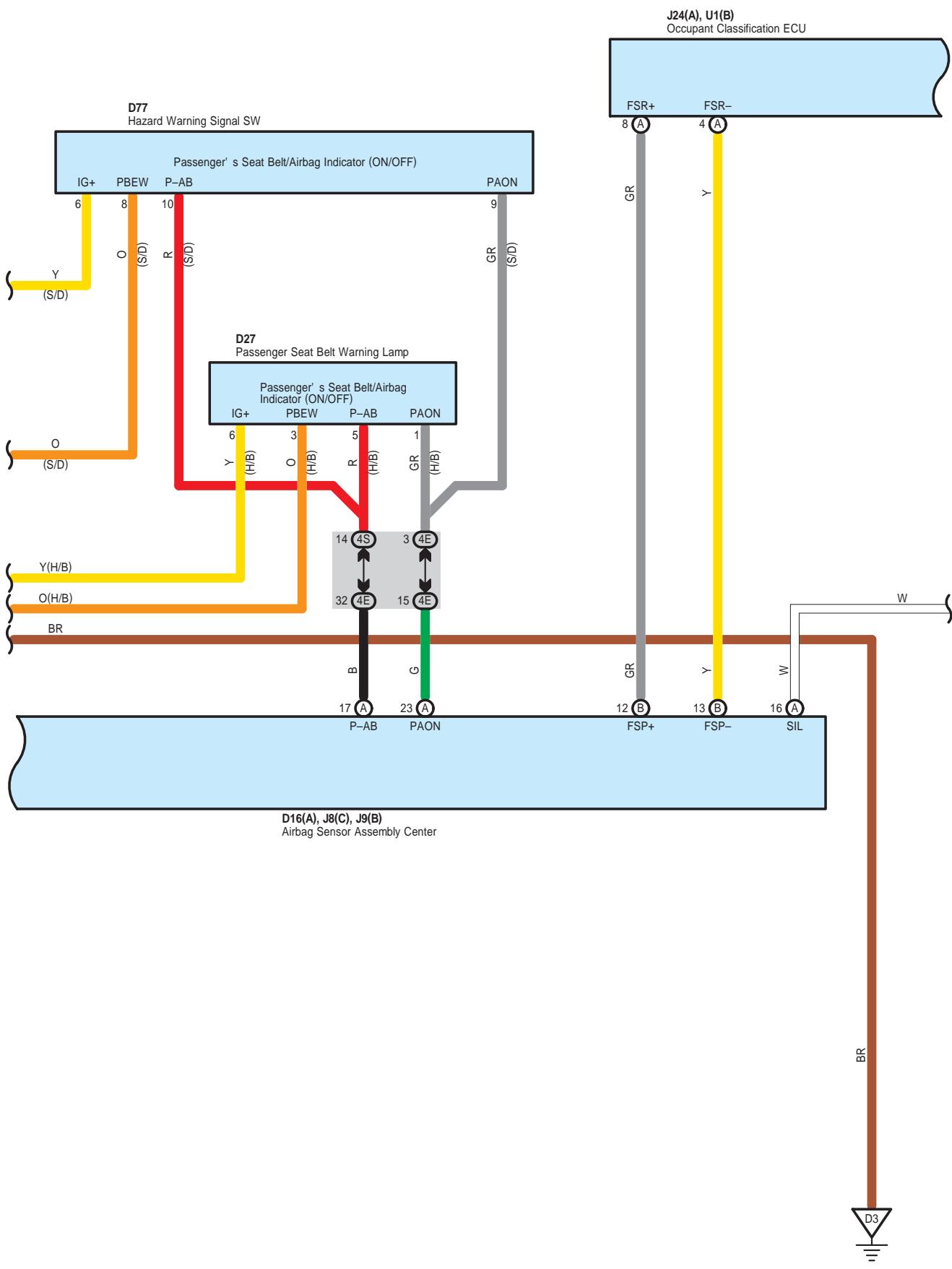
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-------------------------------------------|-----------------------------------------------------------------------------------|
| AA2 | 62 (H/B) 63 (S/D) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| AD1 | 62 (H/B) 63 (S/D) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| DQ1 | 62 (H/B) 63 (S/D) | Instrument Panel Wire and Instrument Panel Wire Assembly (Instrument Panel Right) |
| JD2 | 62 (H/B) 63 (S/D) | Floor Wire and Instrument Panel Wire (Instrument Panel Left) |
| JX1 | 64 (5-Door) 65 (3-Door) 66 (4-Door) | Floor Wire and Seat Airbag RH Wire (Front Seat RH) |
| JY1 | 64 (5-Door) 65 (3-Door) 66 (4-Door) | Floor Wire and Seat Airbag LH Wire (Front Seat LH) |

 : Ground Points

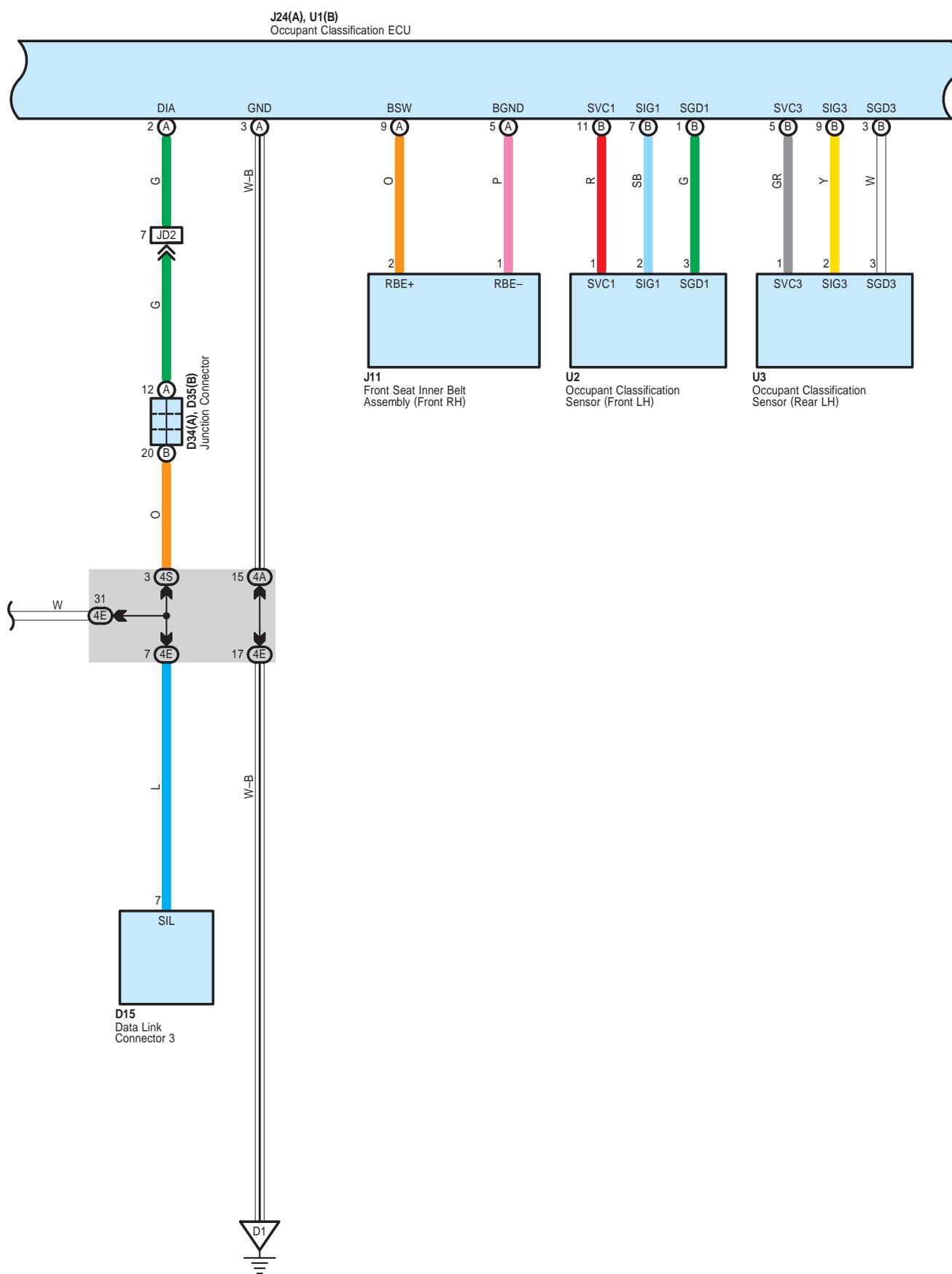
| Code | See Page | Ground Points Location |
|------|----------------------|-------------------------------------|
| D1 | 62 (H/B) 63 (S/D) | Left Kick Panel |
| D3 | 62 (H/B) 63 (S/D) | Instrument Panel Reinforcement Left |

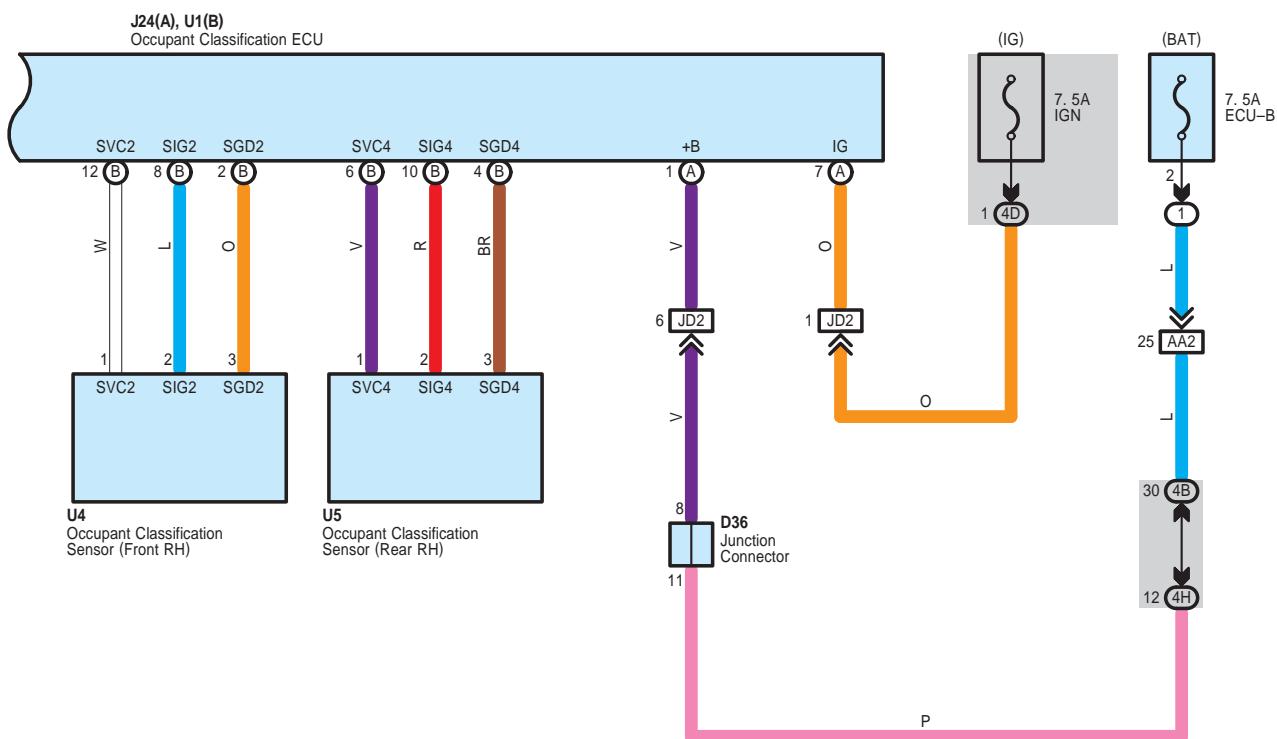
Seat Belt Warning





Seat Belt Warning





Seat Belt Warning

: Parts Location

| Code | | See Page | | Code | | See Page | | Code | | See Page | | | | | | | | |
|------|---|----------|--|------|---|-------------|---|----------|---|-------------|-------------|--|--|--|--|--|--|--|
| D1 | A | 51 (H/B) | | D42 | | 51 (H/B) | | J24 | A | 59 (4-Door) | | | | | | | | |
| | | 53 (S/D) | | | | 53 (S/D) | | | | 54 (5-Door) | | | | | | | | |
| D2 | B | 51 (H/B) | | D76 | C | 53 (S/D) | | U1 | B | 56 (3-Door) | | | | | | | | |
| D15 | | 51 (H/B) | | D77 | | 53 (S/D) | | | | 58 (4-Door) | | | | | | | | |
| | | 53 (S/D) | | | | J8 | C | 50 (H/B) | | U2 | 54 (5-Door) | | | | | | | |
| D16 | A | 51 (H/B) | | | | | | 52 (S/D) | | | 56 (3-Door) | | | | | | | |
| | | 53 (S/D) | | | | | | 50 (H/B) | | | 58 (4-Door) | | | | | | | |
| D27 | | 51 (H/B) | | J9 | B | 52 (S/D) | | U3 | | 54 (5-Door) | | | | | | | | |
| D34 | A | 51 (H/B) | | | | 55 (5-Door) | | | | 56 (3-Door) | | | | | | | | |
| | | 53 (S/D) | | | | 57 (3-Door) | | | | 58 (4-Door) | | | | | | | | |
| D35 | B | 51 (H/B) | | | | 59 (4-Door) | | U4 | | 54 (5-Door) | | | | | | | | |
| | | 53 (S/D) | | J11 | | 55 (5-Door) | | | | 56 (3-Door) | | | | | | | | |
| D36 | | 51 (H/B) | | | | 57 (3-Door) | | | | 58 (4-Door) | | | | | | | | |
| | | 53 (S/D) | | | | 59 (4-Door) | | U5 | | 54 (5-Door) | | | | | | | | |
| D41 | | 51 (H/B) | | J24 | A | 55 (5-Door) | | | | 56 (3-Door) | | | | | | | | |
| | | 53 (S/D) | | | | 57 (3-Door) | | | | 58 (4-Door) | | | | | | | | |

: Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

: Junction Block and Wire Harness Connector

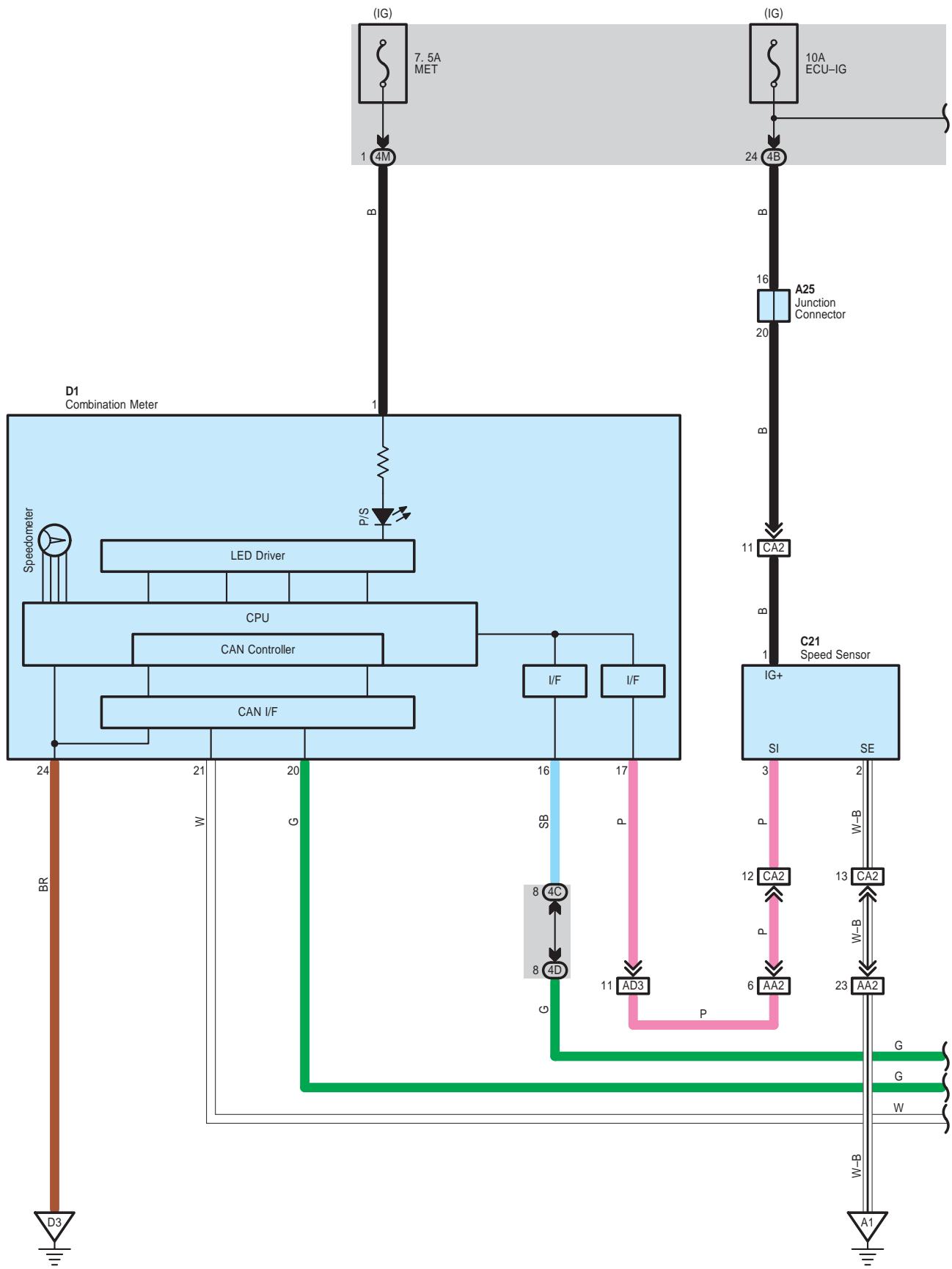
| Code | See Page | Junction Block and Wire Harness (Connector Location) | |
|------|----------|---------------------------------------------------------------------|--|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) | |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) | |
| 4D | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) | |
| 4E | | | |
| 4H | 31 | | |
| 4M | | | |
| 4S | | | |

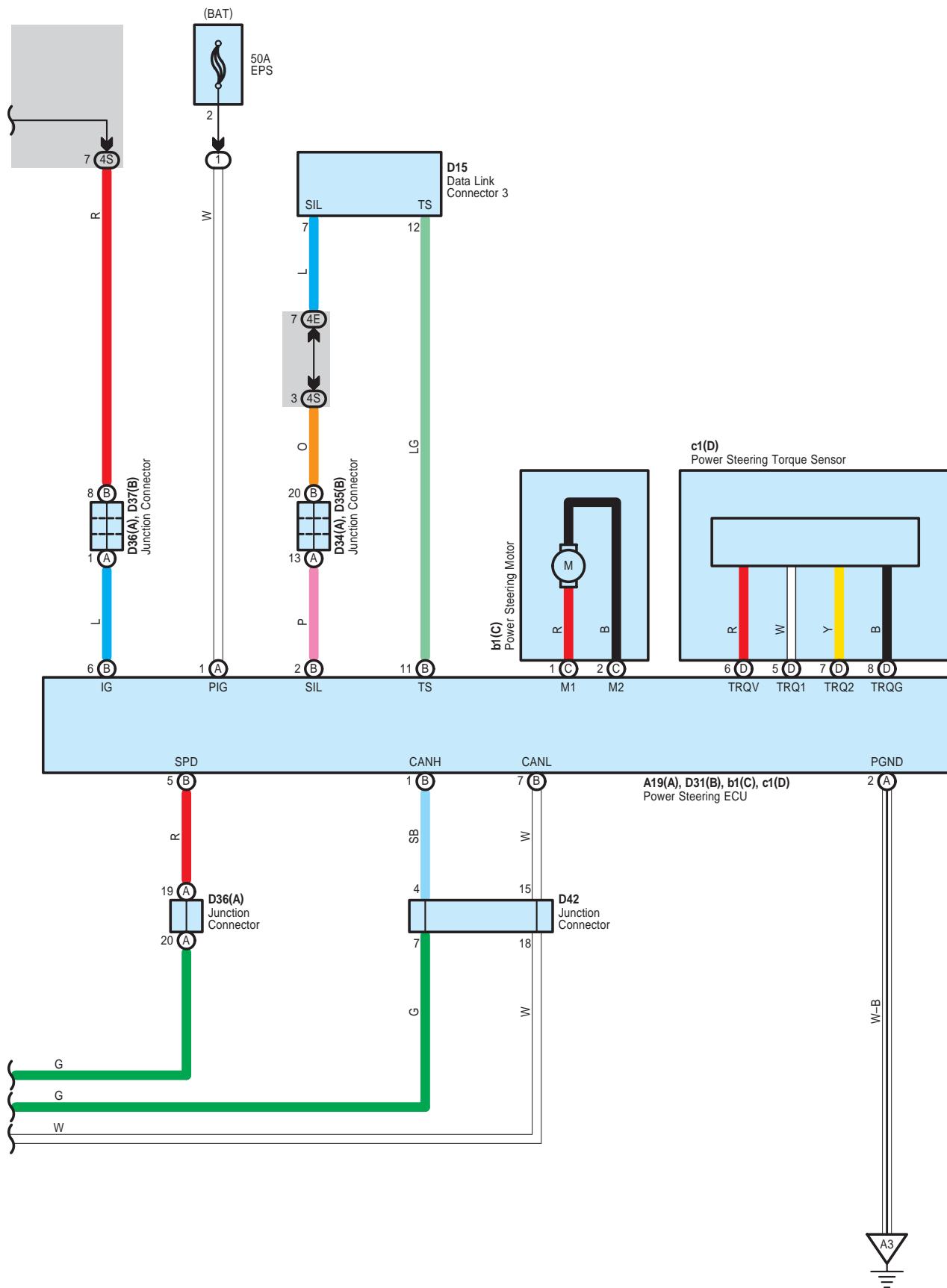
: Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| JD2 | 62 (H/B) | Floor Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |

: Ground Points

| Code | See Page | Ground Points Location |
|------|----------|-------------------------------------|
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |
| D3 | 62 (H/B) | Instrument Panel Reinforcement Left |
| | 63 (S/D) | |





System Outline

- * In order to reduce driver's steering force, the assist current is calculated from the torque sensor signal and vehicle speed signal of the meter or CAN communication to output to the motor.
- * When abnormality occurs in the system, the assist is prohibited by shutting off the power source relay and motor relay in ECU, and the warning light (P/S) in the meter is lit up.

O : Parts Location

| Code | | See Page | | Code | | See Page | | Code | | See Page | | | |
|------|----------|----------|-----|------|----------|----------|-----|----------|----------|----------|----------|--|--|
| A19 | A | 50 (H/B) | | D15 | | 53 (S/D) | | D37 | B | 51 (H/B) | | | |
| | | 52 (S/D) | | D31 | B | 51 (H/B) | | | | 53 (S/D) | | | |
| A25 | 46 (H/B) | | D34 | A | 53 (S/D) | | D42 | 51 (H/B) | | 53 (S/D) | | | |
| | 48 (S/D) | | | | 51 (H/B) | | | 53 (S/D) | | 50 (H/B) | | | |
| C21 | 47 (H/B) | | D35 | B | 53 (S/D) | | b1 | C | 52 (S/D) | | 52 (S/D) | | |
| | 49 (S/D) | | | | 51 (H/B) | | | | 50 (H/B) | | 52 (S/D) | | |
| D1 | 51 (H/B) | | D36 | A | 53 (S/D) | | c1 | D | 51 (H/B) | | 52 (S/D) | | |
| | 53 (S/D) | | | | 53 (S/D) | | | | | | | | |
| D15 | 51 (H/B) | | D36 | A | 51 (H/B) | | | | | | | | |
| | 53 (S/D) | | | | 53 (S/D) | | | | | | | | |

O : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

O : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4C | | |
| 4D | 30 | |
| 4E | | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4M | | |
| 4S | 31 | |

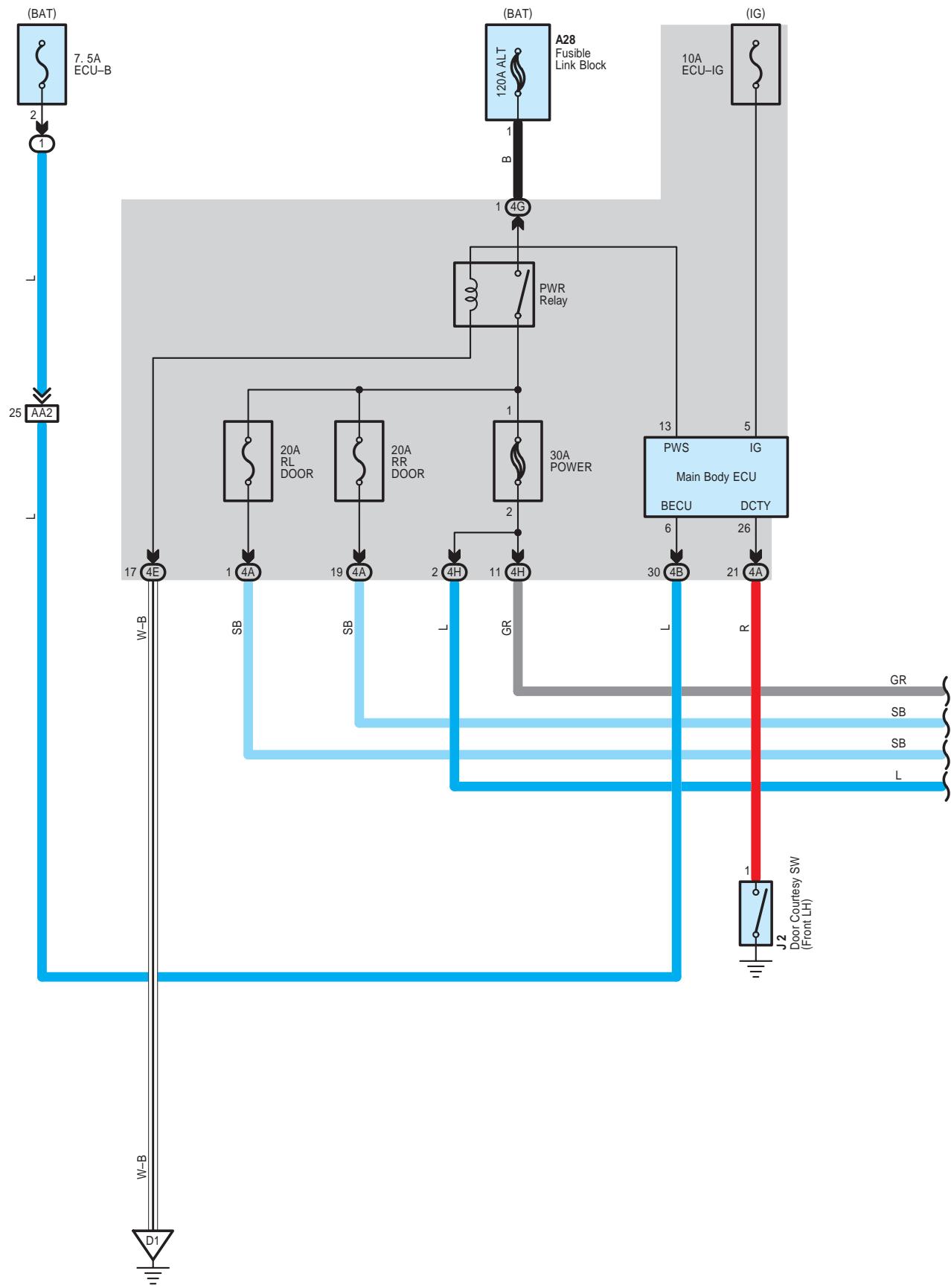
□ : Connector Joining Wire Harness and Wire Harness

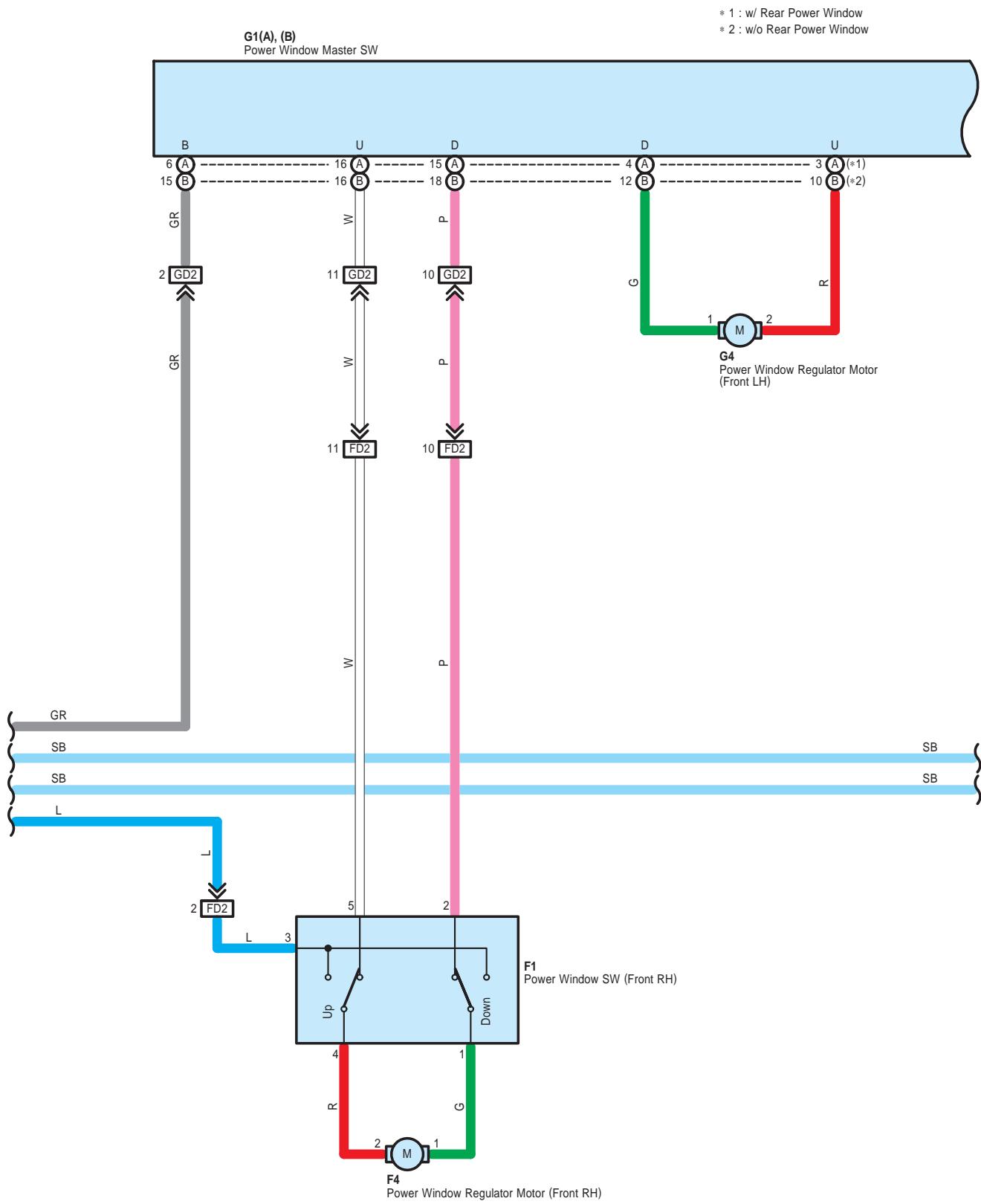
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------------------|-------------------------------------------------------------------------|
| AA2 | 62 (H/B) 63 (S/D) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| AD3 | 62 (H/B) 63 (S/D) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| CA2 | 60 (H/B) 61 (S/D) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |

▽ : Ground Points

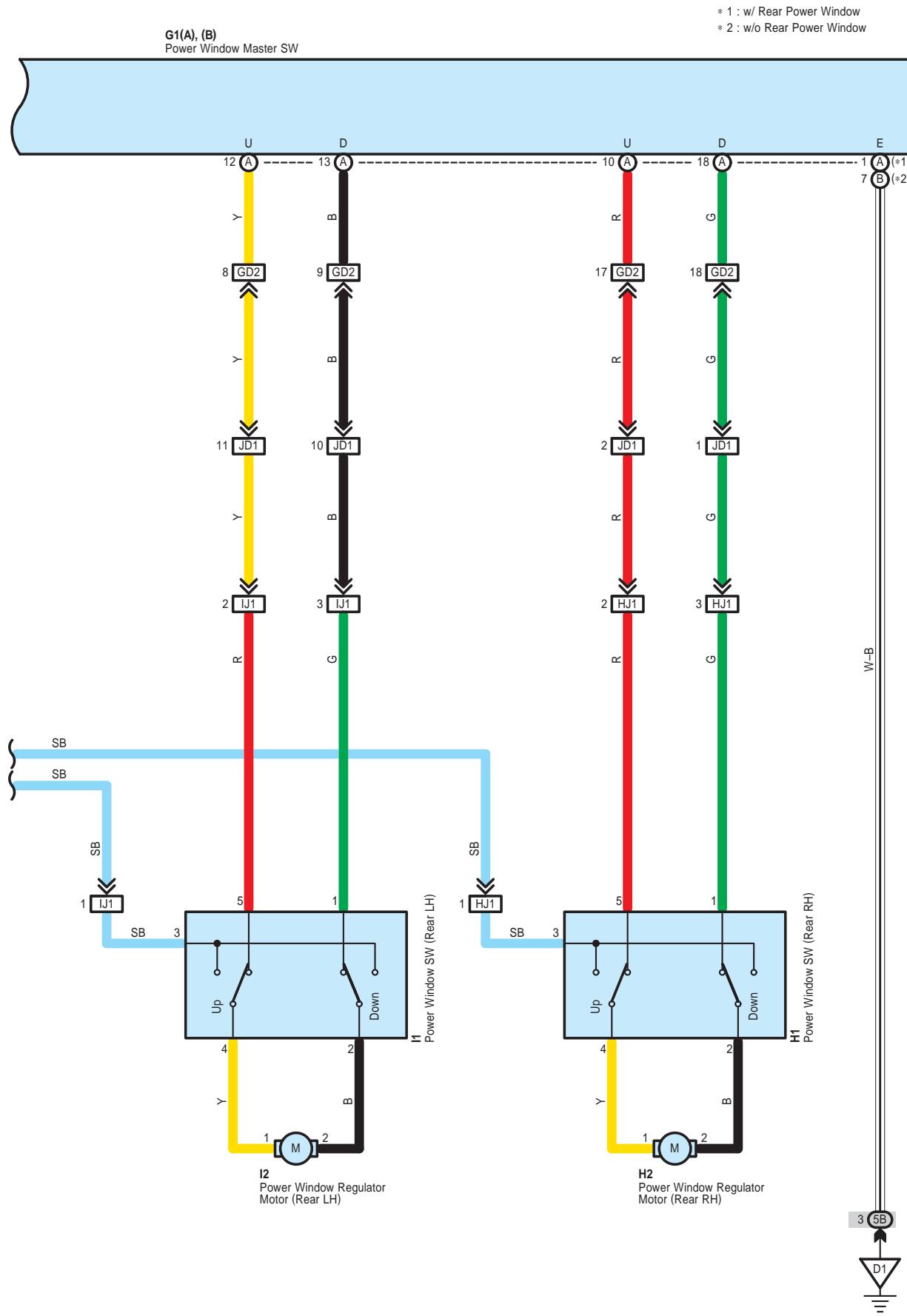
| Code | See Page | Ground Points Location |
|------|----------------------|-------------------------------------|
| A1 | 60 (H/B) 61 (S/D) | Left Suspension Tower |
| A3 | 62 (H/B) 63 (S/D) | Left Cowl Top Side Panel |
| D3 | 62 (H/B) 63 (S/D) | Instrument Panel Reinforcement Left |

Power Window





Power Window



System Outline

1. Manual Up-and-Down Function

During IG ON, one step operation upward (Pull) or downward (Push) of the door switch makes the door glass move upward or downward. Manual operation of the power window master switch for each window can control operation of each window remotely from the driver's seat. The door glass stops at the position when the switch is released.

2. One-Touch Auto Down Function

During IG ON, two step operation downward (Push) of the master switch of the driver's door glass makes the driver's door glass move automatically downward to the full-open position. The auto operation to either direction can be suspended by one step operation to the opposite side from the operating direction.

3. Power Window Jam Protection Function

If a foreign object gets jammed in the window during the manual operation, the door glass automatically goes down by about 50mm (or for about one second). If the door glass opening is less than 200mm after the move, the glass goes down to reach about 200mm of the opening (or for about 5 seconds).

4. Window Lock

All the power window operations except driver's side are disabled when the window lock switch of the power window master switch is pressed on.

5. Fail Mode LED Blinking

Self-diagnosis switches it to the fail mode and the indicator light (LED) in the switch knob blinks to inform the user under the following conditions.

- * When abnormality is found in the hall IC that detects the position, speed and direction of the door glass.
- * When there is larger difference than the predetermined one between the position information that the hall IC detects and the position information that the power window switch memorizes.

○ : Parts Location

| Code | See Page | Code | See Page | Code | See Page | |
|------|--------------|------|----------|-------------------------------------------|----------|----------------------------|
| A28 | 43, 46 (H/B) | G1 | A | 58 (4-Door) | H2 | 58 (4-Door) |
| | 43, 48 (S/D) | | B | 54 (5-Door) 56 (3-Door) 58 (4-Door) | I1 | 54 (5-Door) 58 (4-Door) |
| F1 | 54 (5-Door) | G4 | | 54 (5-Door) | I2 | 54 (5-Door) 58 (4-Door) |
| | 56 (3-Door) | | | 56 (3-Door) | J2 | 55 (5-Door) 57 (3-Door) |
| F4 | 58 (4-Door) | H1 | | 58 (4-Door) | | 59 (4-Door) |
| | 54 (5-Door) | | | 54 (5-Door) | | |
| G1 | 56 (3-Door) | H2 | | 58 (4-Door) | | |
| | 58 (4-Door) | | | 54 (5-Door) | | |

□ : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

□ : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4E | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4G | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4H | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 5B | 38 | Front Door LH Wire and J/B No.5 (Left Kick Panel) |

Power Window

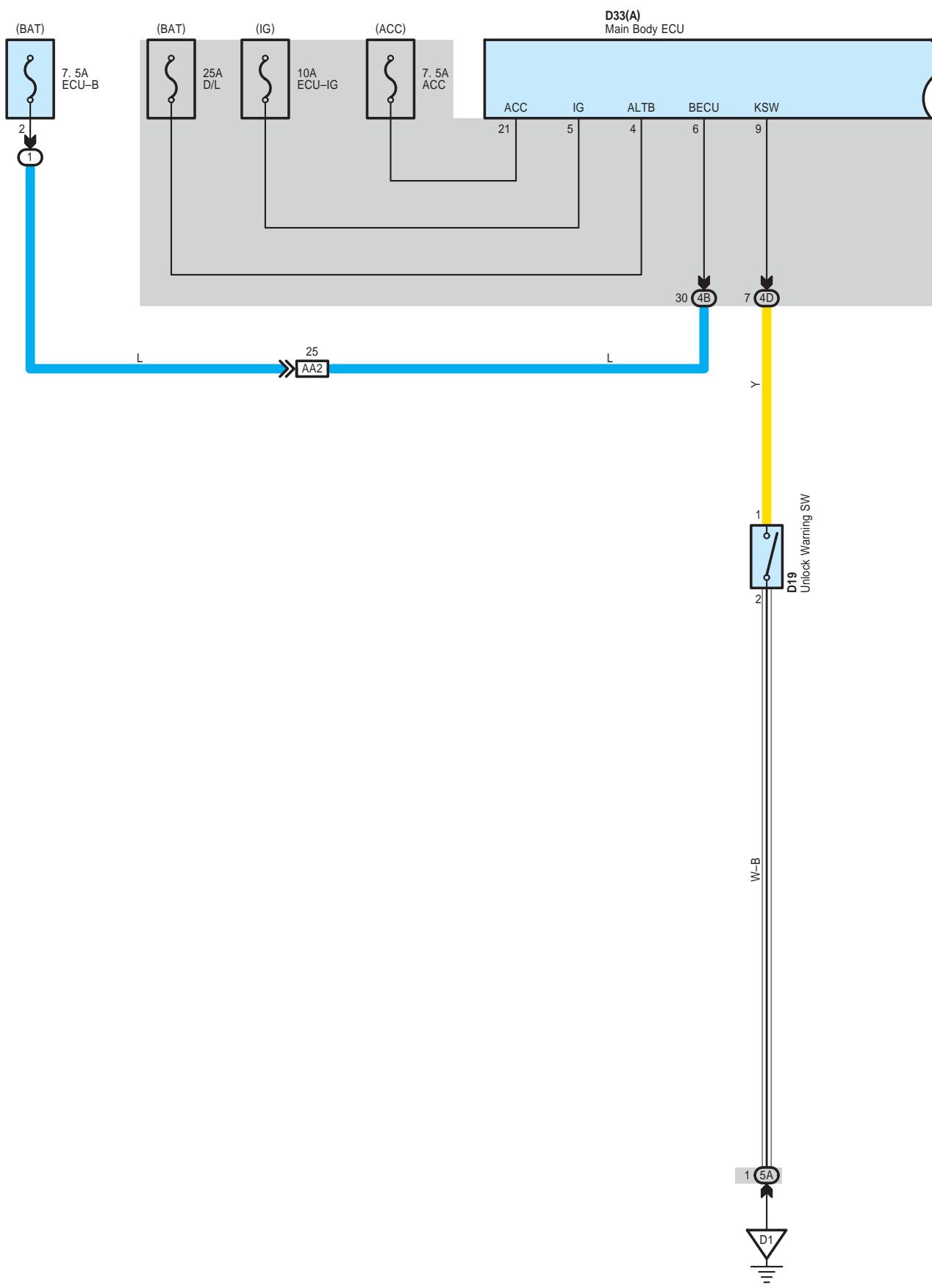
 : Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-------------|-------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| FD2 | 62 (H/B) | Front Door RH Wire and Instrument Panel Wire (Right Kick Panel) |
| | 63 (S/D) | |
| GD2 | 62 (H/B) | Front Door LH Wire and Instrument Panel Wire (Left Kick Panel) |
| | 63 (S/D) | |
| HJ1 | 64 (5-Door) | Rear Door No.1 Wire and Floor Wire (Right Center Pillar) |
| | 66 (4-Door) | |
| IJ1 | 64 (5-Door) | Rear Door No.2 Wire and Floor Wire (Left Center Pillar) |
| | 66 (4-Door) | |
| JD1 | 62 (H/B) | Floor Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |

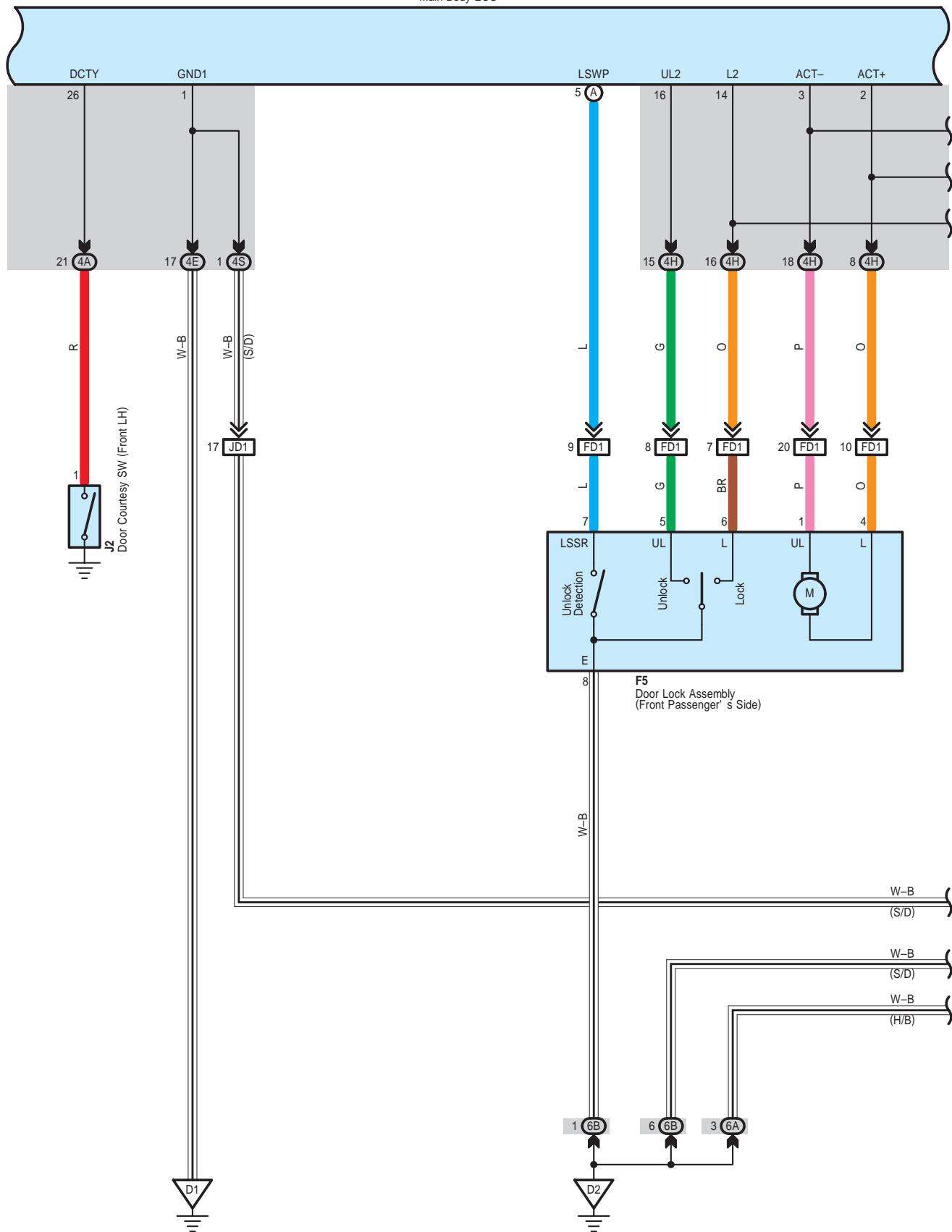
 : Ground Points

| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |

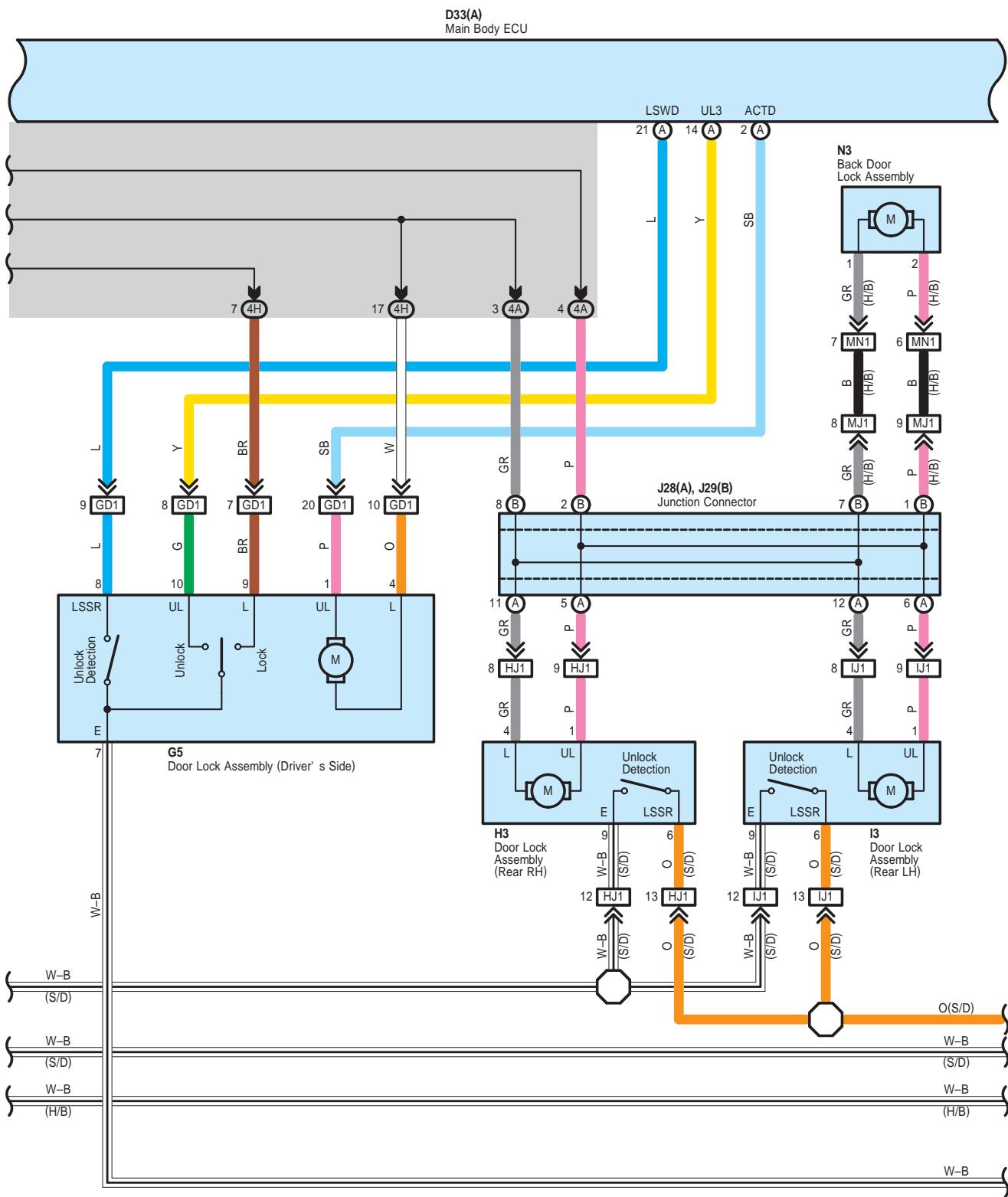
Door Lock Control



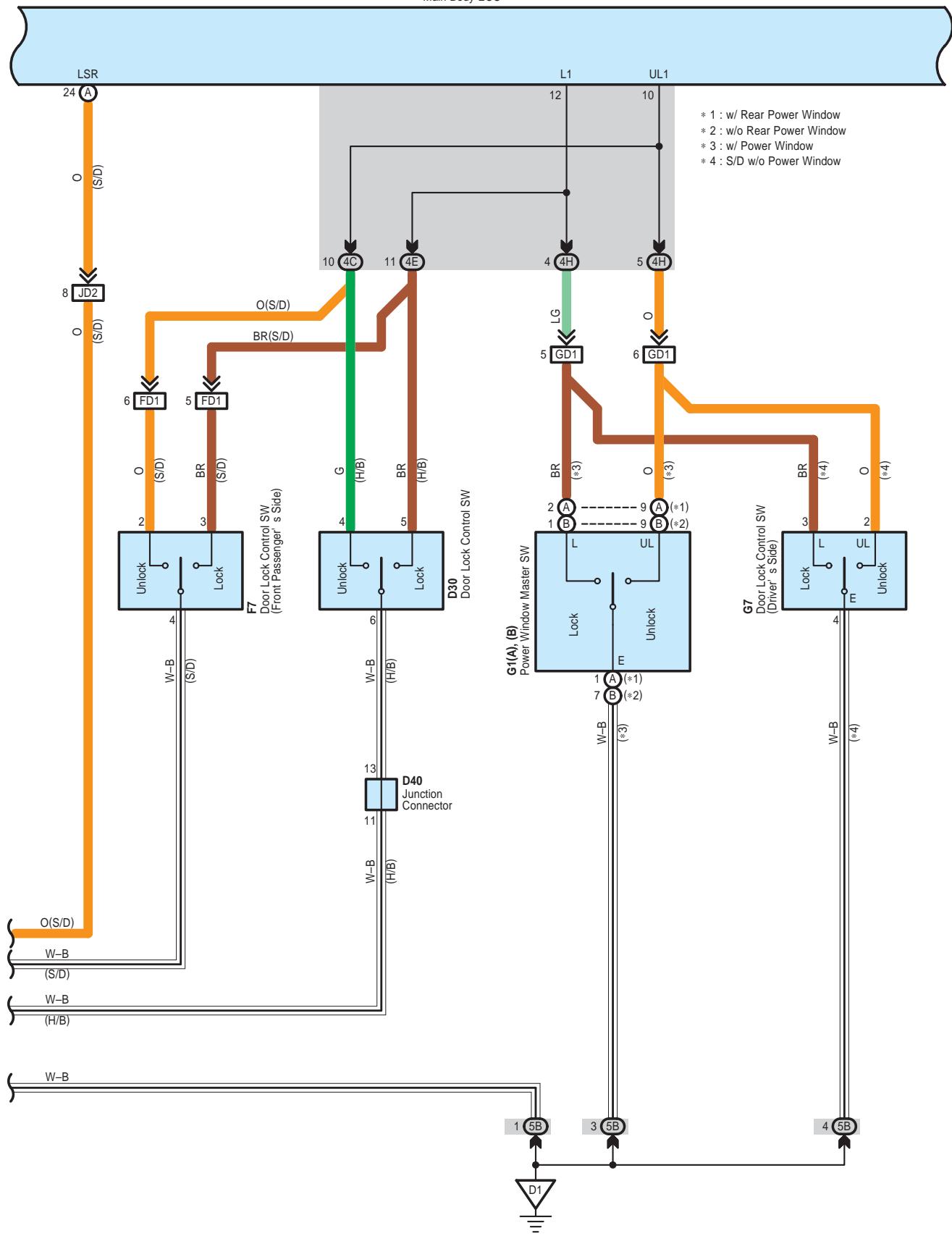
D33(A)
Main Body ECU



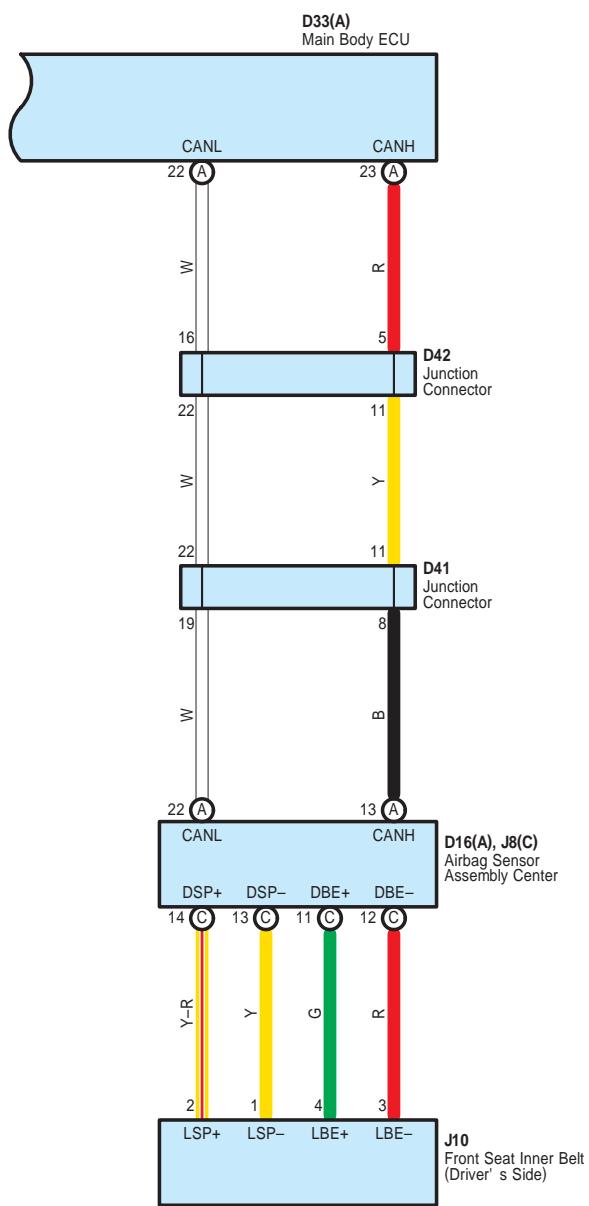
Door Lock Control



D33(A)
Main Body ECU



Door Lock Control



System Outline

1. Manual Lock & Unlock Function

All the doors (Including the back door) are locked or unlocked by operating the door lock control switch (For manual operation) to 'lock' or 'unlock' side.

2. Door Key-Linked Lock & Unlock Function

All the doors (Including the back door) are locked or unlocked by operating the key plate to 'lock' or 'unlock' side after inserting the key plate into driver's door key cylinder.

3. Key Confinement Prevention Function

To prevent the key confinement in the cabin, it controls not to lock the doors with the door lock control switch (For manual operation or for key-linked) or the door lock knob when the key plate is inserted in the ignition key cylinder with the driver's door open.

O : Parts Location

| Code | | See Page | Code | | See Page | Code | | See Page |
|------|---|-------------|------|---|-------------|-------------|-----|-------------|
| D16 | A | 51 (H/B) | G1 | A | F7 | 58 (4-Door) | J8 | C |
| | | 53 (S/D) | | | 54 (5-Door) | 58 (4-Door) | | 50 (H/B) |
| D19 | | 51 (H/B) | | B | 56 (3-Door) | 55 (5-Door) | J10 | 52 (S/D) |
| | | 53 (S/D) | | | 54 (5-Door) | 57 (3-Door) | | 55 (4-Door) |
| D30 | | 51 (H/B) | G5 | | 54 (5-Door) | 59 (4-Door) | J28 | 56 (3-Door) |
| D33 | A | 51 (H/B) | | | 56 (3-Door) | 55 (5-Door) | | 57 (3-Door) |
| | | 53 (S/D) | | | 58 (4-Door) | 59 (4-Door) | | 59 (4-Door) |
| D40 | | 51 (H/B) | H3 | | G7 | 58 (4-Door) | J29 | 55 (5-Door) |
| D41 | | 51 (H/B) | | | 54 (5-Door) | 58 (4-Door) | | 57 (3-Door) |
| | | 53 (S/D) | | | 58 (4-Door) | 54 (5-Door) | N3 | 59 (4-Door) |
| D42 | | 51 (H/B) | I3 | | 54 (5-Door) | 55 (5-Door) | | 56 (3-Door) |
| | | 53 (S/D) | | | 58 (4-Door) | 57 (3-Door) | | 56 (3-Door) |
| F5 | | 54 (5-Door) | J2 | | 55 (5-Door) | 59 (4-Door) | | 54 (5-Door) |
| | | 56 (3-Door) | | | 57 (3-Door) | 58 (4-Door) | | 56 (3-Door) |
| | | 58 (4-Door) | | | 59 (4-Door) | 59 (4-Door) | | 59 (4-Door) |

O : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

O : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4C | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4D | | |
| 4E | | |
| 4H | | |
| 4S | 31 | |
| 5A | 38 | Instrument Panel Wire and J/B No.5 (Left Kick Panel) |
| 5B | 38 | Front Door LH Wire and J/B No.5 (Left Kick Panel) |
| 6A | 40 | Instrument Panel Wire and J/B No.6 (Right Kick Panel) |
| 6B | 40 | Front Door RH Wire and J/B No.6 (Right Kick Panel) |

Door Lock Control

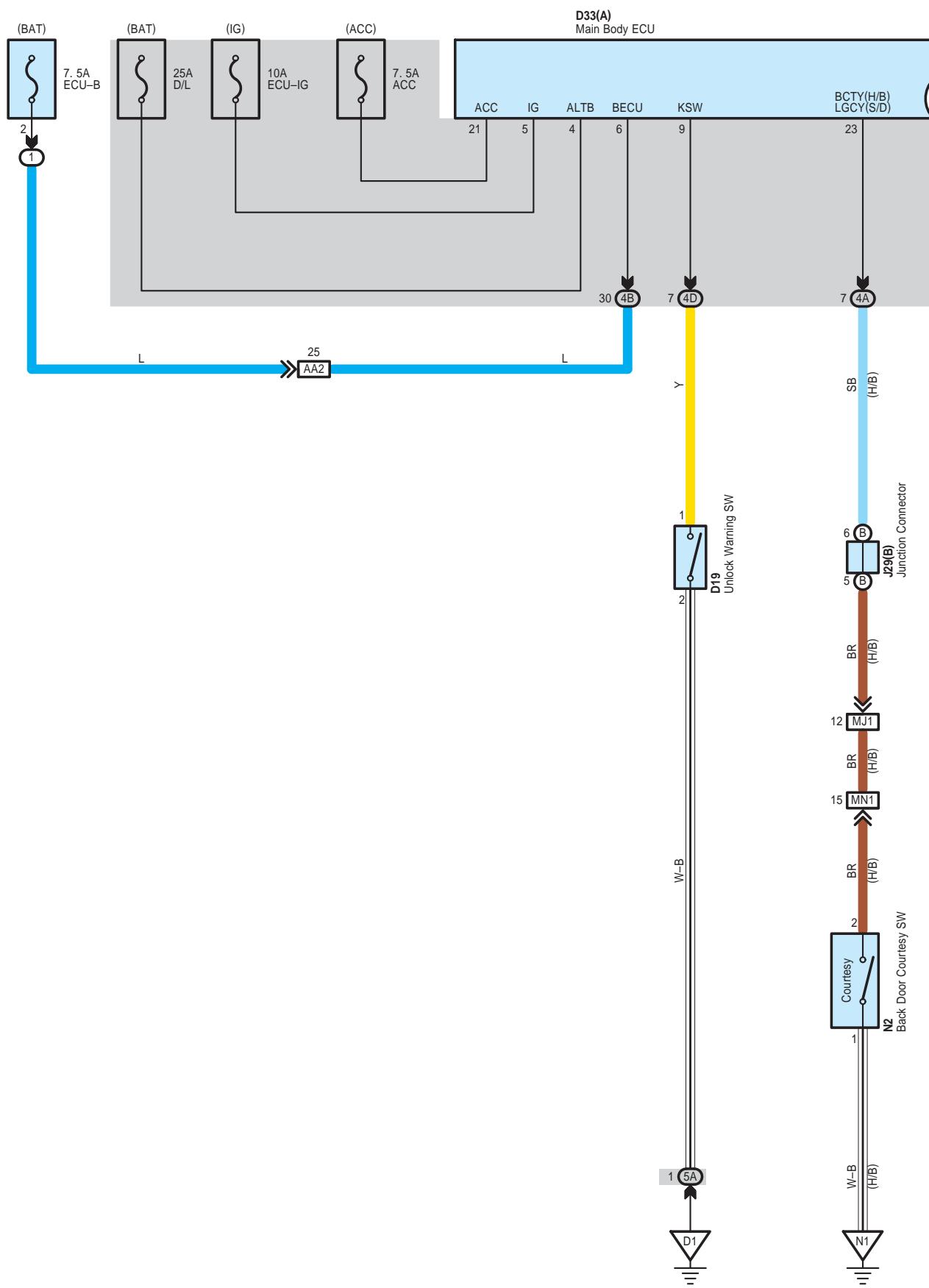
 : Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-------------|-------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| FD1 | 62 (H/B) | Front Door RH Wire and Instrument Panel Wire (Right Kick Panel) |
| | 63 (S/D) | |
| GD1 | 62 (H/B) | Front Door LH Wire and Instrument Panel Wire (Left Kick Panel) |
| | 63 (S/D) | |
| HJ1 | 64 (5-Door) | Rear Door No.1 Wire and Floor Wire (Right Center Pillar) |
| | 66 (4-Door) | |
| IJ1 | 64 (5-Door) | Rear Door No.2 Wire and Floor Wire (Left Center Pillar) |
| | 66 (4-Door) | |
| JD1 | 63 (S/D) | Floor Wire and Instrument Panel Wire (Instrument Panel Left) |
| JD2 | | |
| MJ1 | 64 (5-Door) | Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel) |
| | 65 (3-Door) | |
| MN1 | 64 (5-Door) | Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center) |
| | 65 (3-Door) | |

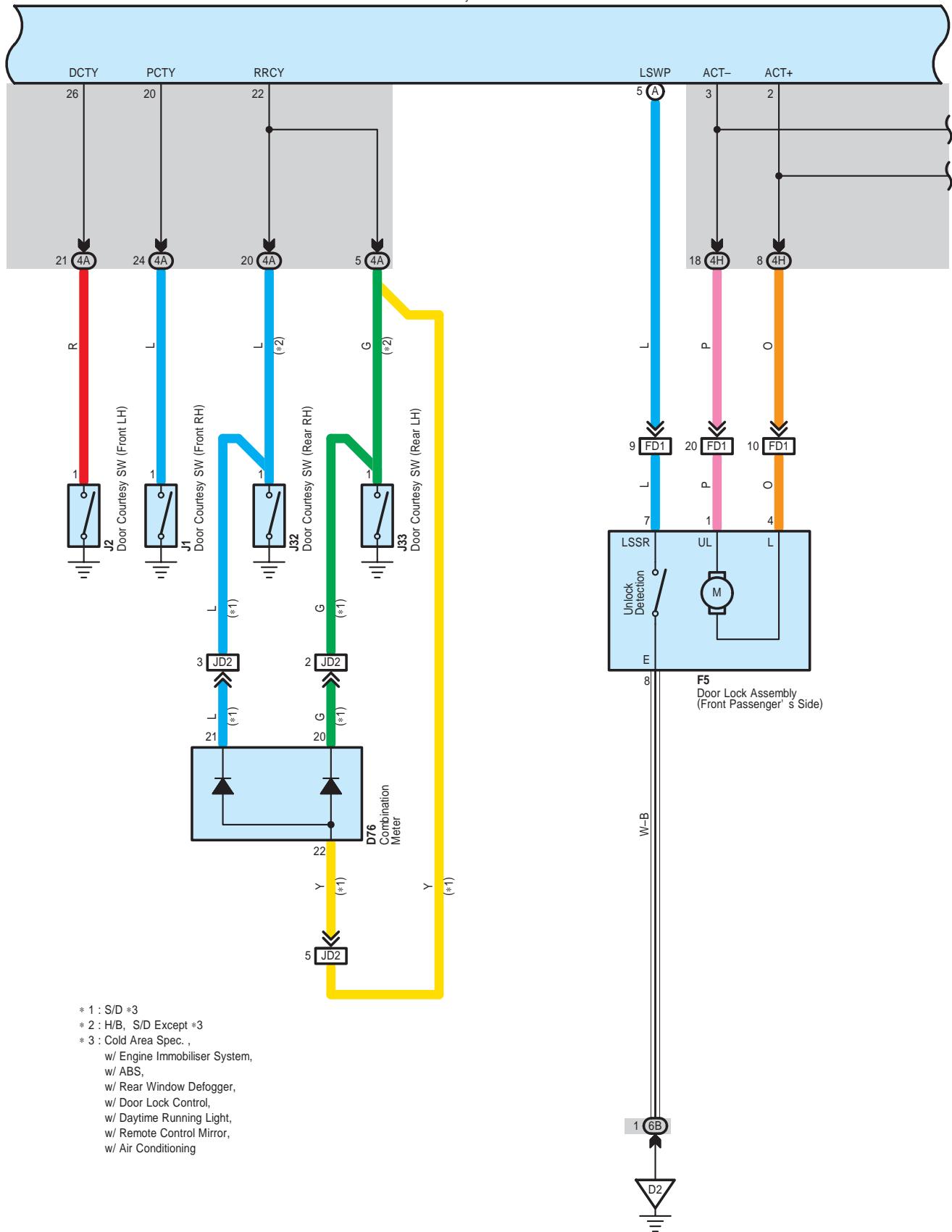
 : Ground Points

| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |
| D2 | 62 (H/B) | Right Kick Panel |
| | 63 (S/D) | |

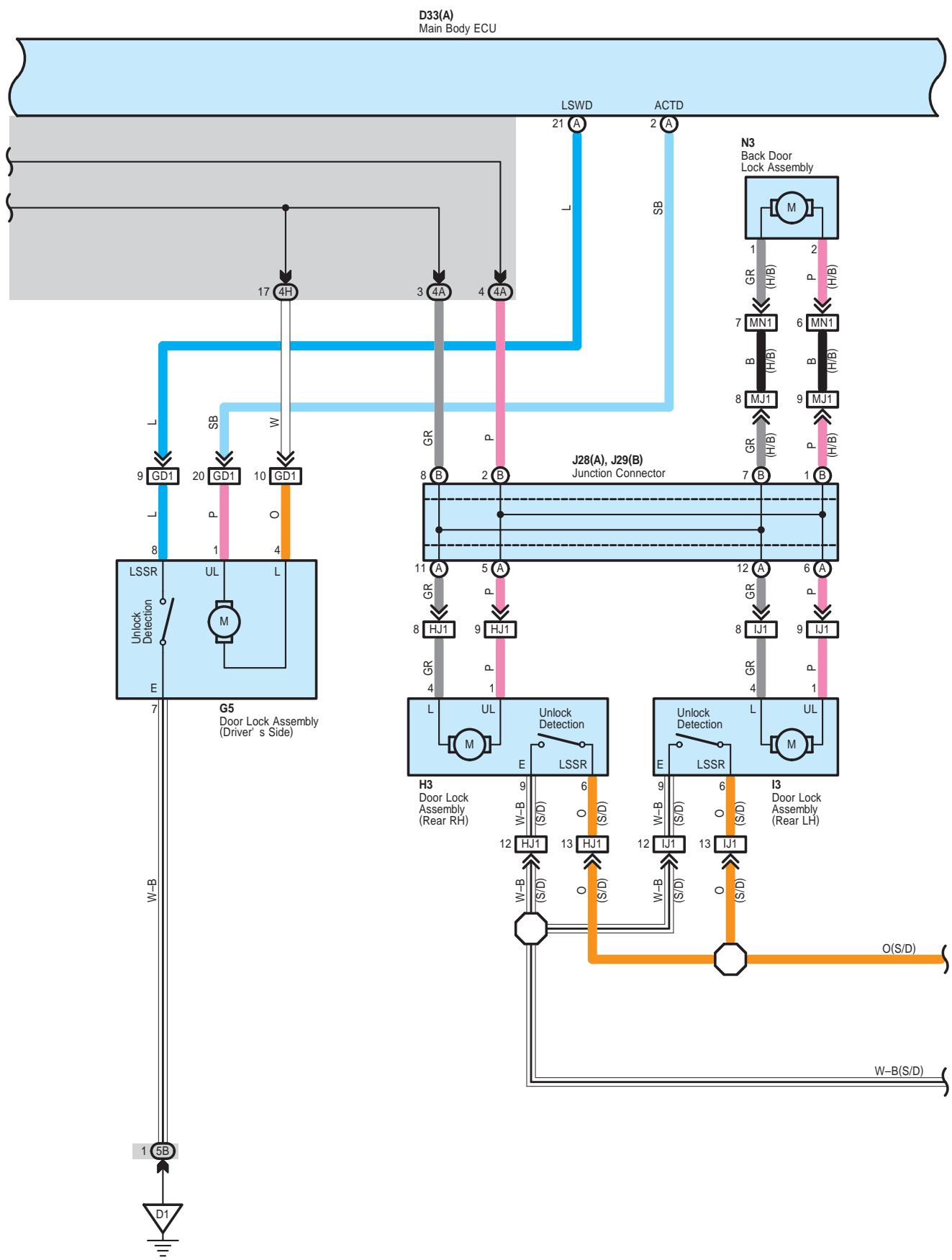
Wireless Door Lock Control

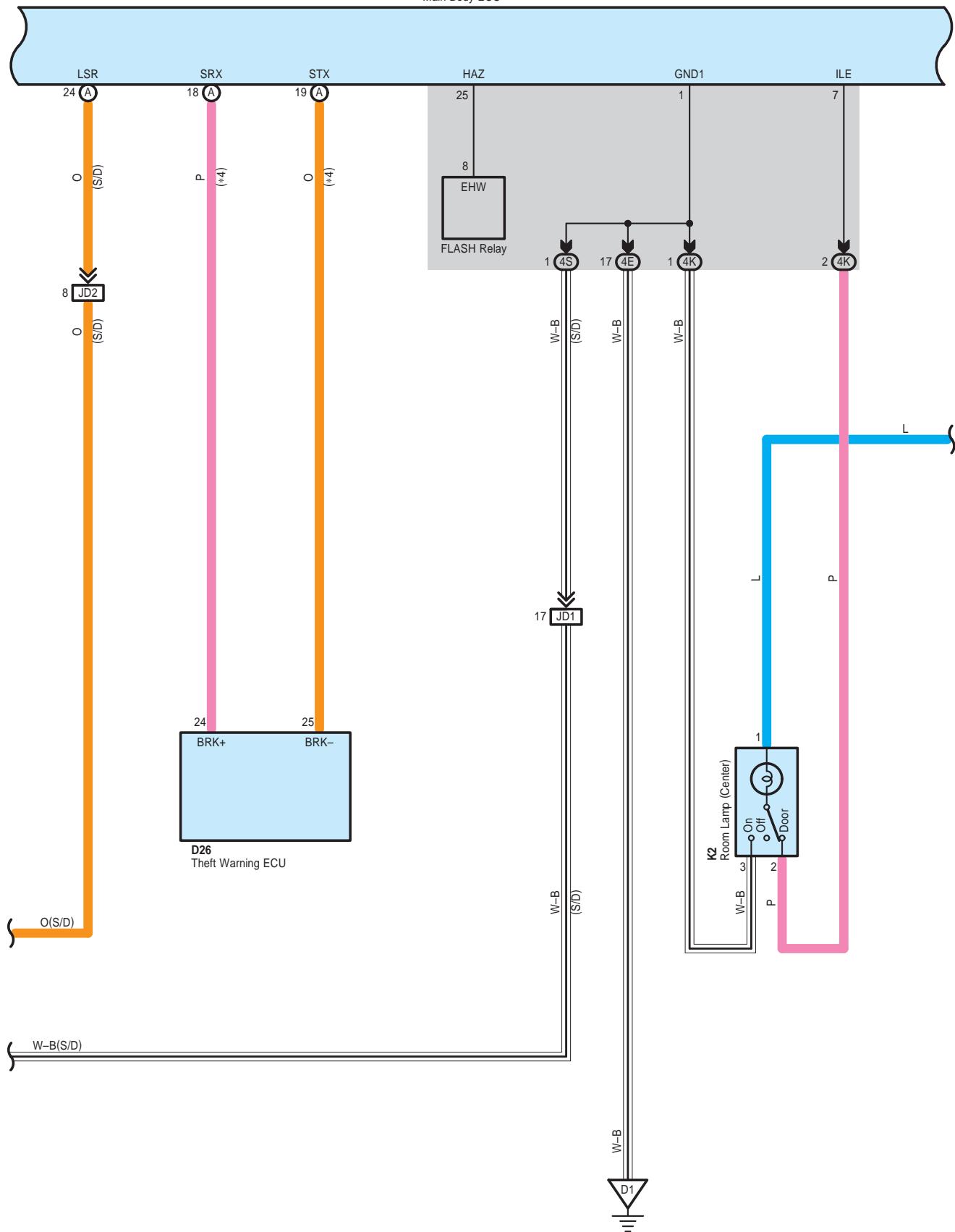


D33(A)
Main Body ECU

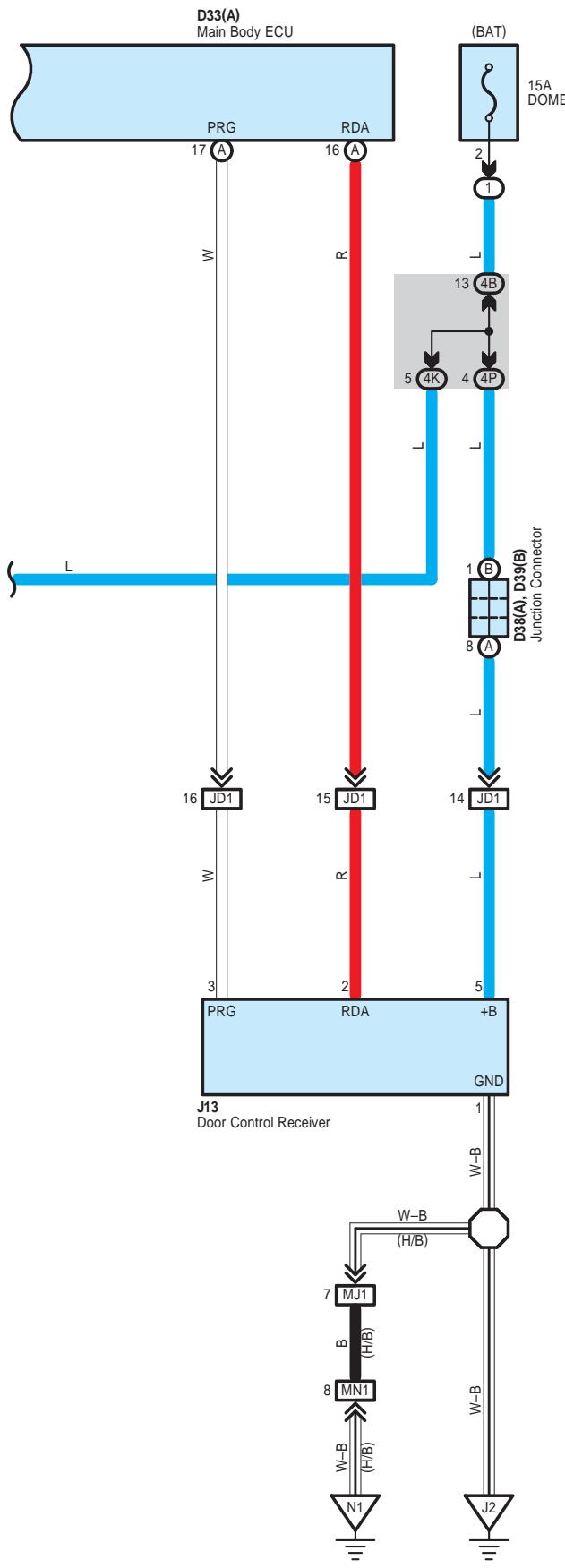


Wireless Door Lock Control





Wireless Door Lock Control



System Outline

1. Wireless Lock & Unlock Function

Pushing the lock button locks all the doors and pushing the unlock button unlocks all the doors.

2. 30-Second Auto Lock Function

If none of the doors are opened within 30 seconds after they are unlocked with the unlock button, all the doors are locked automatically again to prevent the doors from being left open.

3. Operation Prohibition Function with the Door Open

When one of the doors is ajar or open, the door lock operation through the wireless remote control is prohibited.

4. Repeat Function

If a door lock operation has not been confirmed for some reason after the system conducts the lock operation, the system repeats the lock operation after approximately one second.

5. Answer Back Function (Hazard Light Flashing)

The hazard light flashes once when locking, and flashes twice when unlocking if the doors are locked/unlocked through the wireless remote control.

6. Key Reminder Function

When the key is inserted in the key cylinder, all the operations of the wireless remote control system are prohibited.

7. Illuminating Function

When the doors are unlocked with the wireless remote control, the interior lights are lit for approximately 15 seconds if the interior light switch is at 'door' position.

8. Wireless Security Function

The security function is adopted under which the door unlock and the like are controlled only when the wireless receiver checks the encrypted code sent from the transmitter key and identifies it as its own vehicle's code.

○ : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|-------------|-------------|-------------------|------|-------------|
| D19 | 51 (H/B) | G5 | 56 (3-Door) | J28 | 57 (3-Door) |
| | 53 (S/D) | | 58 (4-Door) | | 59 (4-Door) |
| D26 | 51 (H/B) | H3 | 54 (5-Door) | J29 | 55 (5-Door) |
| | 53 (S/D) | | 58 (4-Door) | | 57 (3-Door) |
| D33 | A | I3 | 54 (5-Door) | J32 | 59 (4-Door) |
| | | | 58 (4-Door) | | 55 (5-Door) |
| D38 | A | J1 | 55 (5-Door) | J33 | 59 (4-Door) |
| | | | 57 (3-Door) | | 55 (5-Door) |
| D39 | B | J13 | 59 (4-Door) | N2 | 59 (4-Door) |
| | | | 55 (5-Door) | | 54 (5-Door) |
| D76 | 53 (S/D) | J2 | 57 (3-Door) | K2 | 56 (3-Door) |
| | 54 (5-Door) | | 59 (4-Door) | | 58 (4-Door) |
| F5 | 56 (3-Door) | J13 | 55 (5-Door) | N2 | 54 (5-Door) |
| | 58 (4-Door) | | 57 (3-Door) | | 56 (3-Door) |
| G1 | A | 54 (5-Door) | 59 (4-Door) | N3 | 54 (5-Door) |
| G5 | | 54 (5-Door) | J28 A 55 (5-Door) | | 56 (3-Door) |

○ : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

Wireless Door Lock Control



: Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4D | | |
| 4E | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4H | | |
| 4K | 30 | Roof Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4P | | |
| 4S | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 5A | 38 | Instrument Panel Wire and J/B No.5 (Left Kick Panel) |
| 5B | 38 | Front Door LH Wire and J/B No.5 (Left Kick Panel) |
| 6B | 40 | Front Door RH Wire and J/B No.6 (Right Kick Panel) |



: Connector Joining Wire Harness and Wire Harness

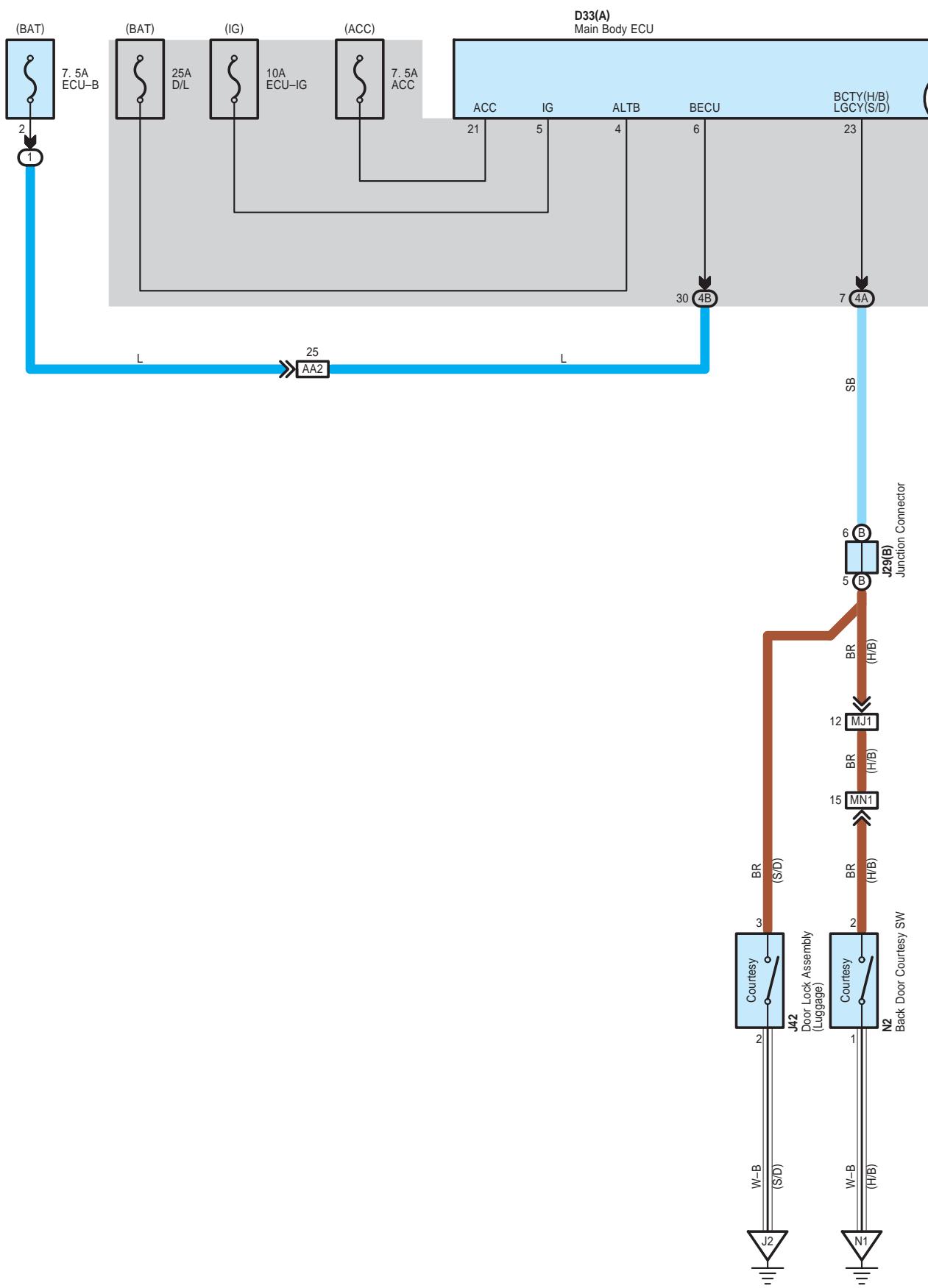
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------------------------|-------------------------------------------------------------------------|
| AA2 | 62 (H/B) 63 (S/D) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| FD1 | 62 (H/B) 63 (S/D) | Front Door RH Wire and Instrument Panel Wire (Right Kick Panel) |
| GD1 | 62 (H/B) 63 (S/D) | Front Door LH Wire and Instrument Panel Wire (Left Kick Panel) |
| HJ1 | 64 (5-Door) 66 (4-Door) | Rear Door No.1 Wire and Floor Wire (Right Center Pillar) |
| IJ1 | 64 (5-Door) 66 (4-Door) | Rear Door No.2 Wire and Floor Wire (Left Center Pillar) |
| JD1 | 62 (H/B) 63 (S/D) | |
| JD2 | 63 (S/D) | |
| MJ1 | 64 (5-Door) 65 (3-Door) | Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel) |
| MN1 | 64 (5-Door) 65 (3-Door) | Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center) |



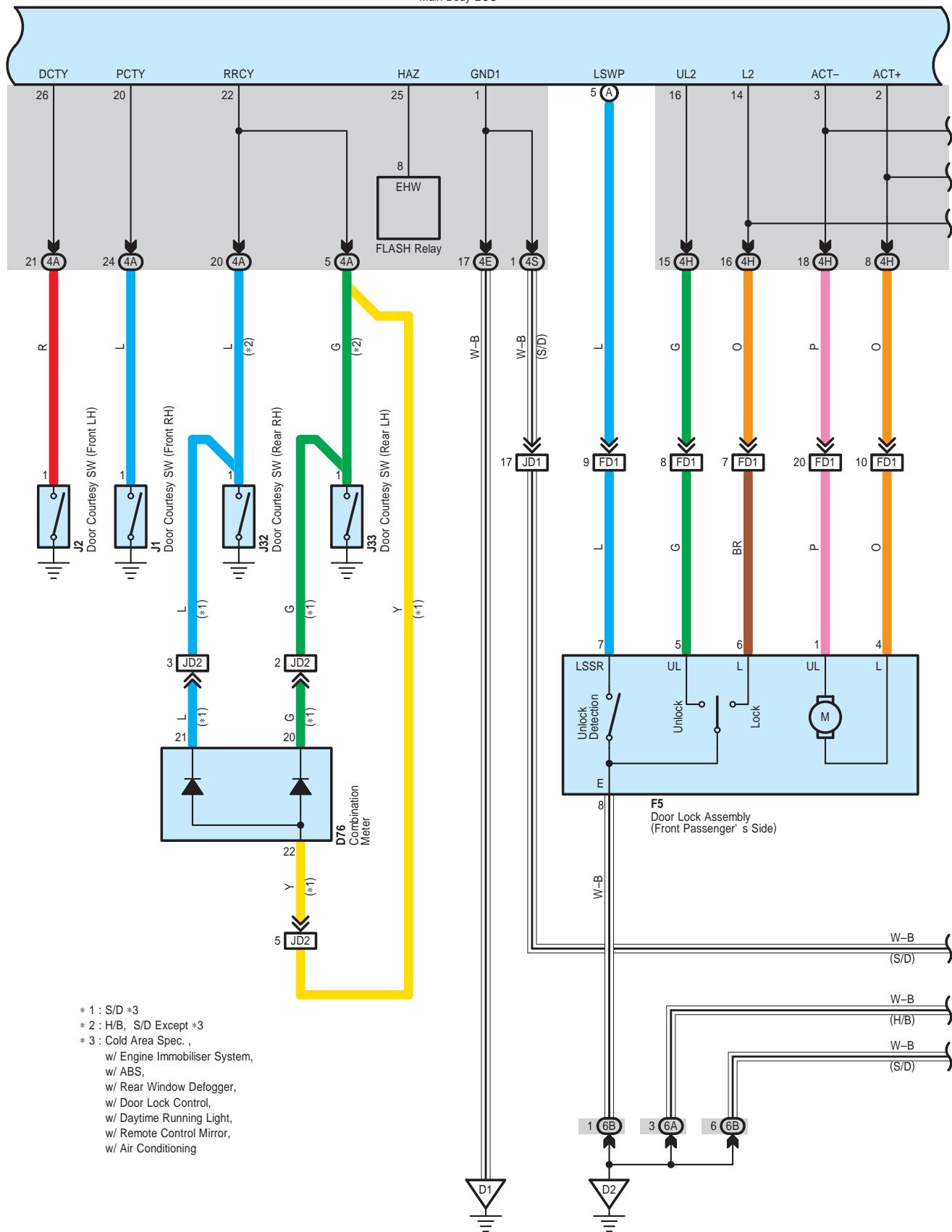
: Ground Points

| Code | See Page | Ground Points Location |
|------|-------------------------------------------|--------------------------------------------------|
| D1 | 62 (H/B) 63 (S/D) | Left Kick Panel |
| D2 | 62 (H/B) 63 (S/D) | Right Kick Panel |
| J2 | 64 (5-Door) 65 (3-Door) 66 (4-Door) | Left Rear Quarter Panel Lower Back Panel Left |
| N1 | 64 (5-Door) 65 (3-Door) | Back Door Panel Center |

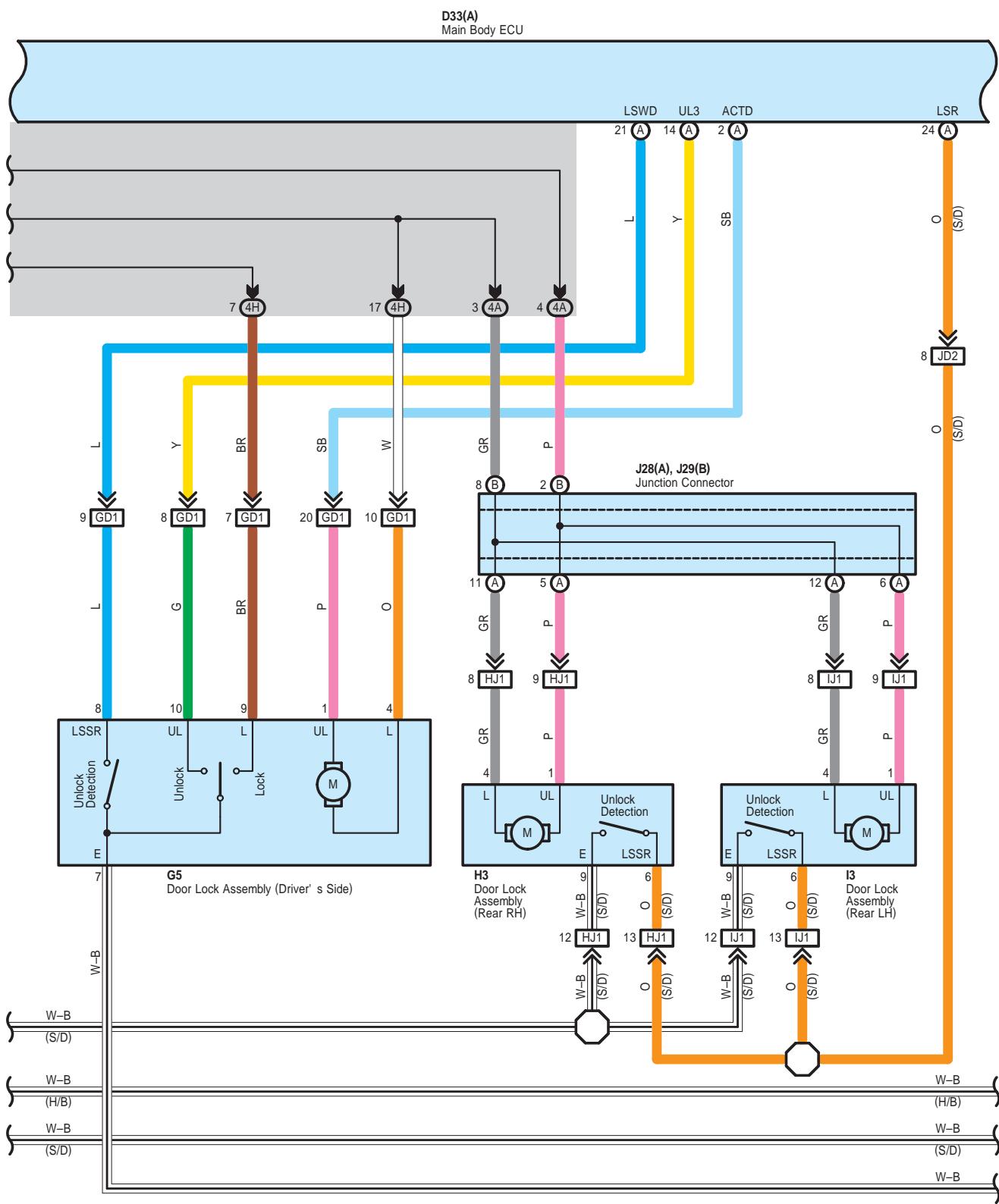
Theft Deterrent



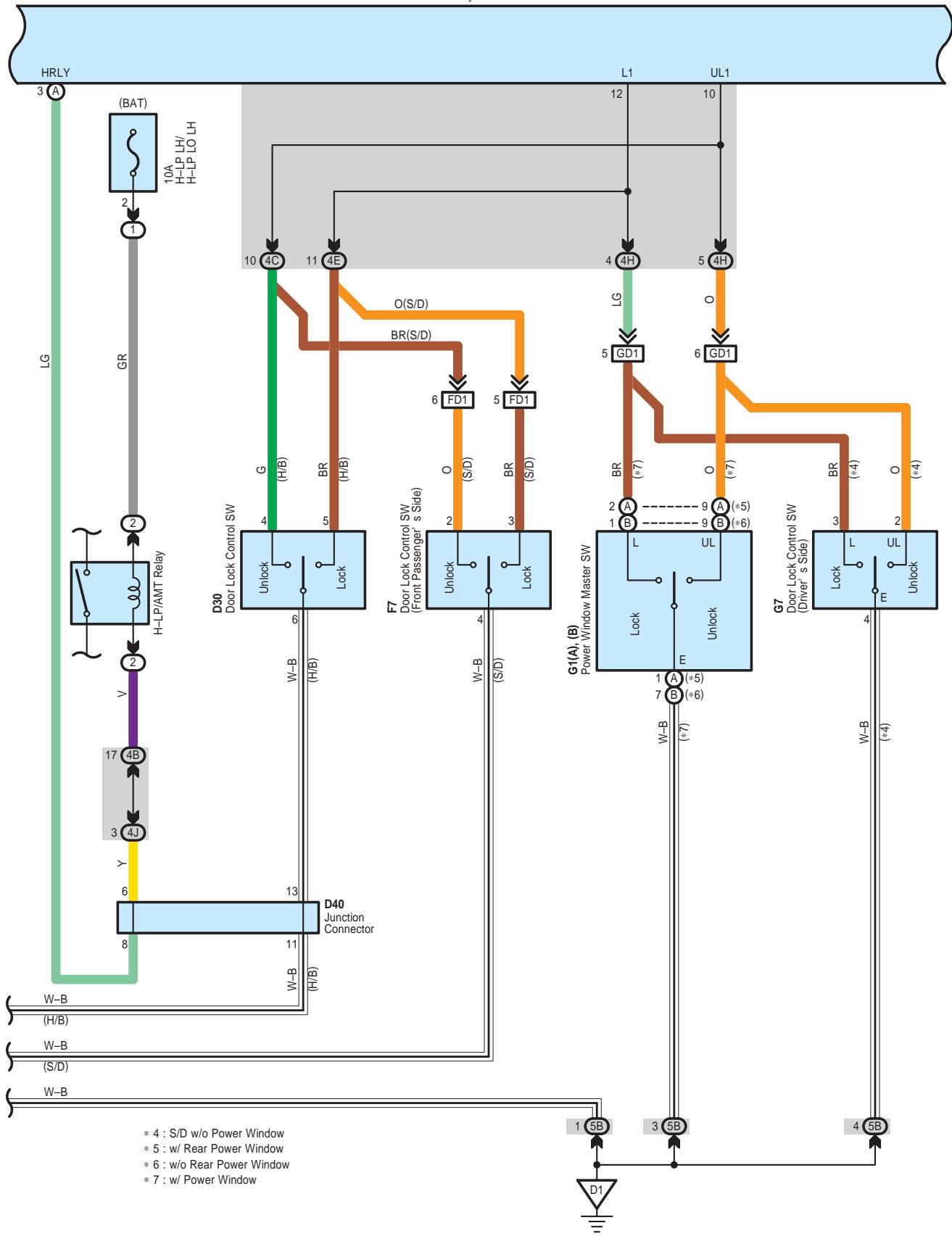
D33(A)
Main Body ECU



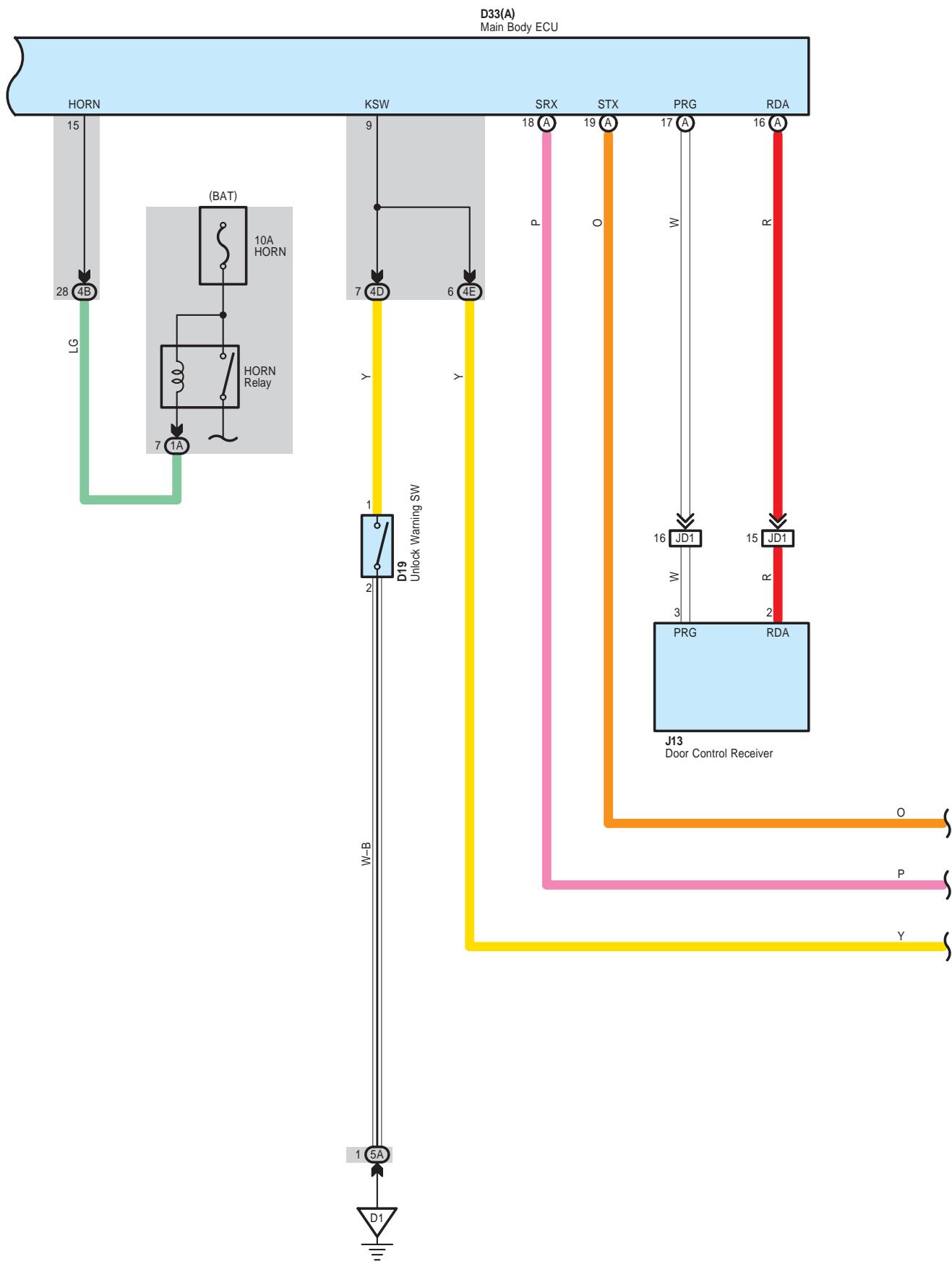
Theft Deterrent

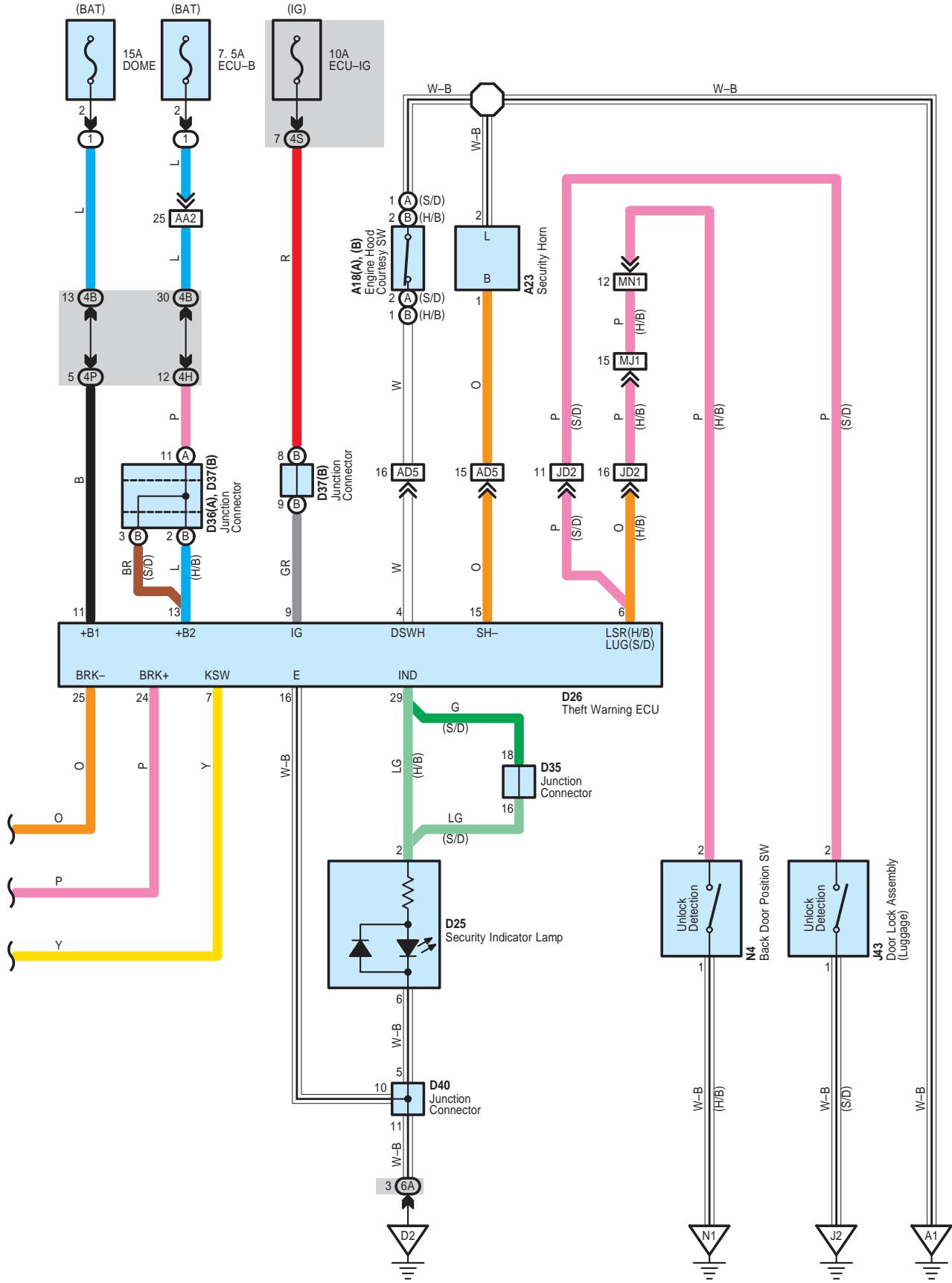


D33(A)
Main Body ECU



Theft Deterrent





Theft Deterrent

○ : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|------------|------|---------------|------|-------------|
| A18 | A 48 (S/D) | F5 | 54 (5-Door) | J13 | 55 (5-Door) |
| | B 46 (H/B) | | 56 (3-Door) | | 57 (3-Door) |
| A23 | 46 (H/B) | | 58 (4-Door) | | 59 (4-Door) |
| | 48 (S/D) | F7 | 58 (4-Door) | J28 | 55 (5-Door) |
| D19 | 51 (H/B) | G1 | A 54 (5-Door) | | 57 (3-Door) |
| | 53 (S/D) | | B 58 (4-Door) | | 59 (4-Door) |
| D25 | 51 (H/B) | G5 | B 56 (3-Door) | J29 | 55 (5-Door) |
| | 53 (S/D) | | 54 (5-Door) | | 57 (3-Door) |
| D26 | 51 (H/B) | | 56 (3-Door) | | 59 (4-Door) |
| | 53 (S/D) | | 58 (4-Door) | J32 | 55 (5-Door) |
| D30 | 51 (H/B) | G7 | 58 (4-Door) | | 59 (4-Door) |
| D33 | A 51 (H/B) | H3 | 54 (5-Door) | J33 | 55 (5-Door) |
| | 53 (S/D) | | 58 (4-Door) | | 59 (4-Door) |
| D35 | 53 (S/D) | I3 | 54 (5-Door) | J42 | 59 (4-Door) |
| D36 | A 51 (H/B) | J1 | 58 (4-Door) | J43 | 59 (4-Door) |
| | 53 (S/D) | | 55 (5-Door) | N2 | 54 (5-Door) |
| D37 | B 51 (H/B) | | 57 (3-Door) | | 56 (3-Door) |
| | 53 (S/D) | | 59 (4-Door) | N4 | 54 (5-Door) |
| D40 | 51 (H/B) | J2 | 55 (5-Door) | | 56 (3-Door) |
| | 53 (S/D) | | 57 (3-Door) | | |
| D76 | 53 (S/D) | | 59 (4-Door) | | |

○ : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |
| 2 | 28 | Engine Room R/B No.2 (Engine Compartment Right) |

○ : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 1A | 25 | Engine Room Main Wire and Engine Room J/B (Engine Compartment Left) |
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4C | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4D | | |
| 4E | | |
| 4H | | |
| 4J | | |
| 4P | | |
| 4S | 31 | |
| 5A | 38 | Instrument Panel Wire and J/B No.5 (Left Kick Panel) |
| 5B | 38 | Front Door LH Wire and J/B No.5 (Left Kick Panel) |
| 6A | 40 | Instrument Panel Wire and J/B No.6 (Right Kick Panel) |
| 6B | 40 | Front Door RH Wire and J/B No.6 (Right Kick Panel) |

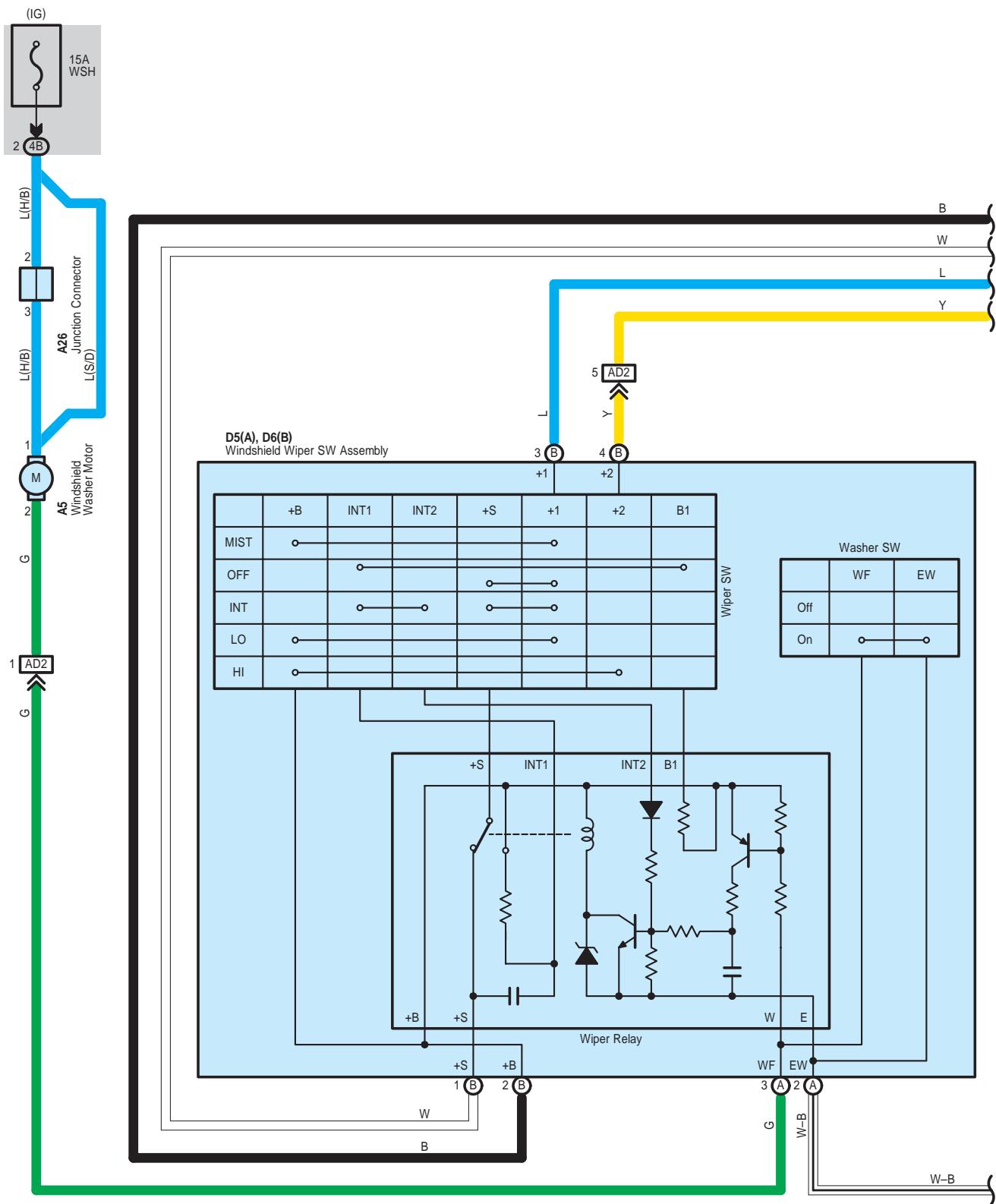
 : Connector Joining Wire Harness and Wire Harness

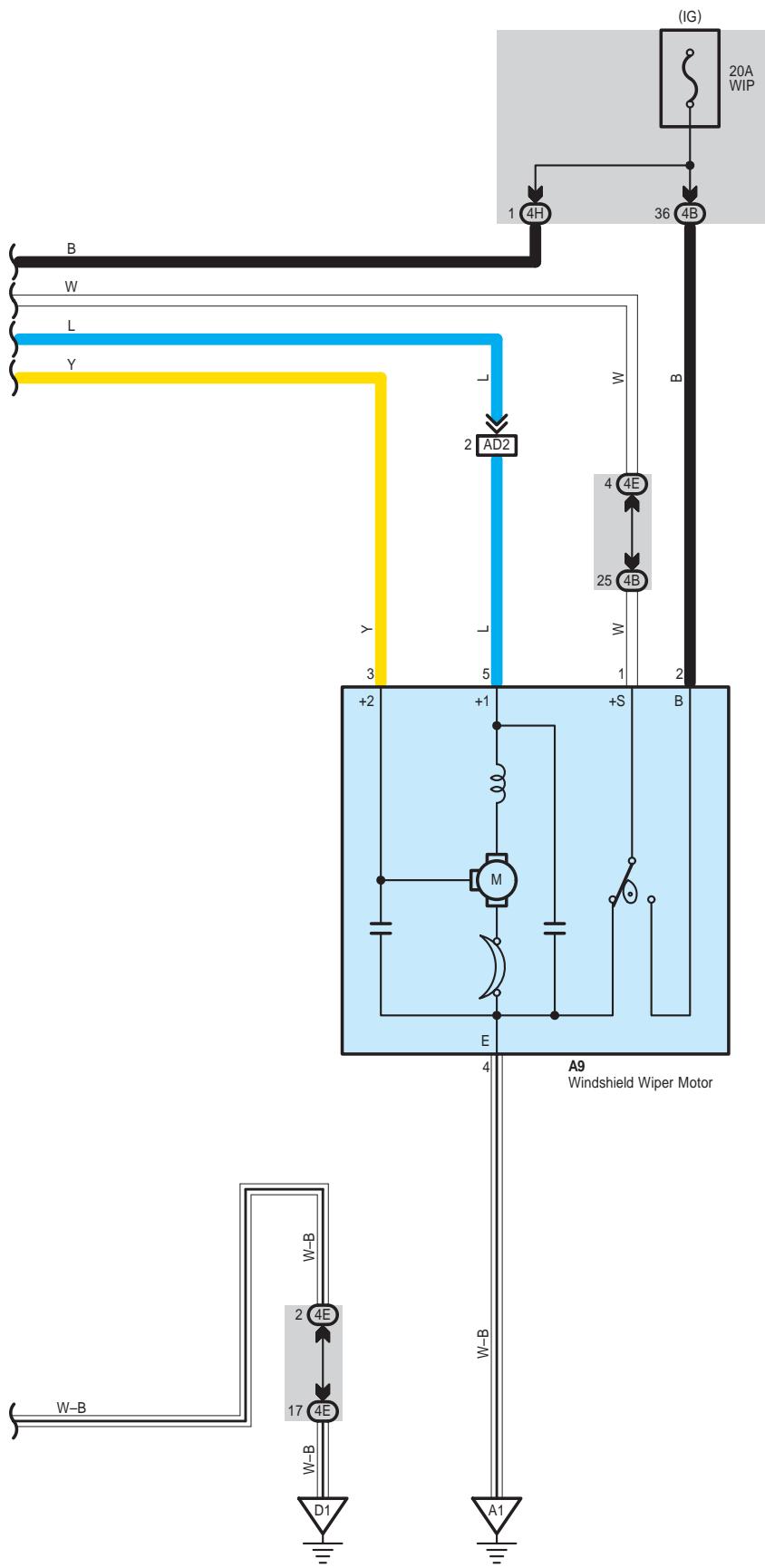
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-------------|-------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD5 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| FD1 | 62 (H/B) | Front Door RH Wire and Instrument Panel Wire (Right Kick Panel) |
| | 63 (S/D) | |
| GD1 | 62 (H/B) | Front Door LH Wire and Instrument Panel Wire (Left Kick Panel) |
| | 63 (S/D) | |
| HJ1 | 64 (5-Door) | Rear Door No.1 Wire and Floor Wire (Right Center Pillar) |
| | 66 (4-Door) | |
| IJ1 | 64 (5-Door) | Rear Door No.2 Wire and Floor Wire (Left Center Pillar) |
| | 66 (4-Door) | |
| JD1 | 62 (H/B) | Floor Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| JD2 | 62 (H/B) | Floor Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| MJ1 | 64 (5-Door) | Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel) |
| | 65 (3-Door) | |
| MN1 | 64 (5-Door) | Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center) |
| | 65 (3-Door) | |

 : Ground Points

| Code | See Page | Ground Points Location |
|------|-------------|------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |
| D2 | 62 (H/B) | Right Kick Panel |
| | 63 (S/D) | |
| J2 | 66 (4-Door) | Lower Back Panel Left |
| N1 | 64 (5-Door) | Back Door Panel Center |
| | 65 (3-Door) | |

Front Wiper and Washer





Front Wiper and Washer

System Outline

1. Intermittent Function

When the wiper control switch is turned to INT position, the wiper makes intermittent operation with an interval time of approximately 3.3 seconds.

2. Washer-Linked Function

When the washer switch is turned ON for approximately 0.3 seconds or more, the wiper starts a LO operation at the same time as the washer fluid is ejected. When the switch is turned ON for approximately 1.5 seconds or more, the wiper keeps a LO operation for approximately 2.2 seconds after the washer switch is turned OFF, and then stops its operation.

: Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|----------|
| A5 | 46 (H/B) | A9 | 48 (S/D) | D5 | 53 (S/D) |
| | 48 (S/D) | A26 | 50 (H/B) | D6 | 51 (H/B) |
| A9 | 46 (H/B) | D5 A | 51 (H/B) | | 53 (S/D) |

: Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|----------|----------|---------------------------------------------------------------------|
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4E 4H | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| | | |

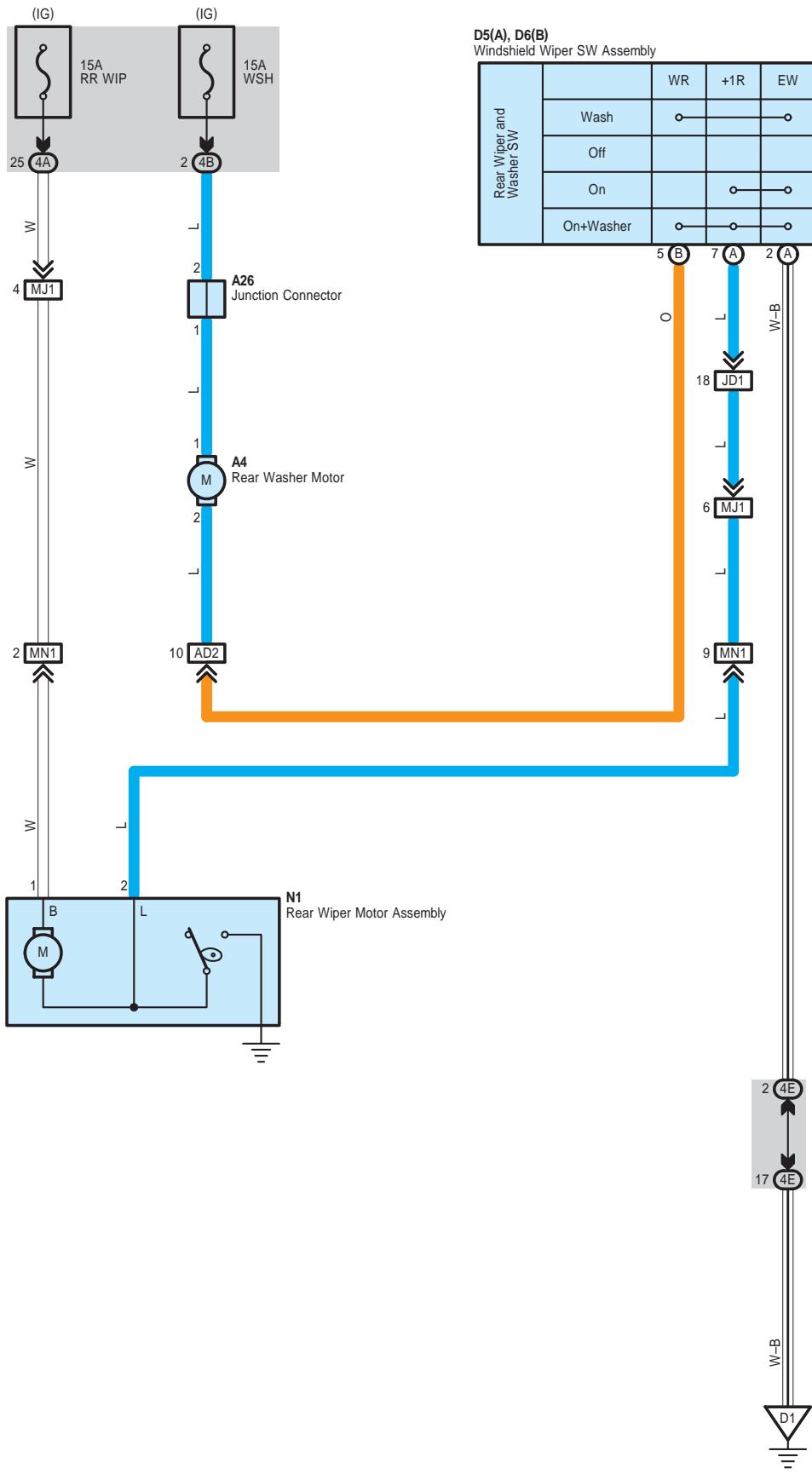
: Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-------------------------------------------------------------------------|
| AD2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |

: Ground Points

| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |

Rear Wiper and Washer



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|-------------|
| A4 | 46 (H/B) | D5 | A | N1 | 54 (5-Door) |
| A26 | 50 (H/B) | D6 | B | | 56 (3-Door) |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4E | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |

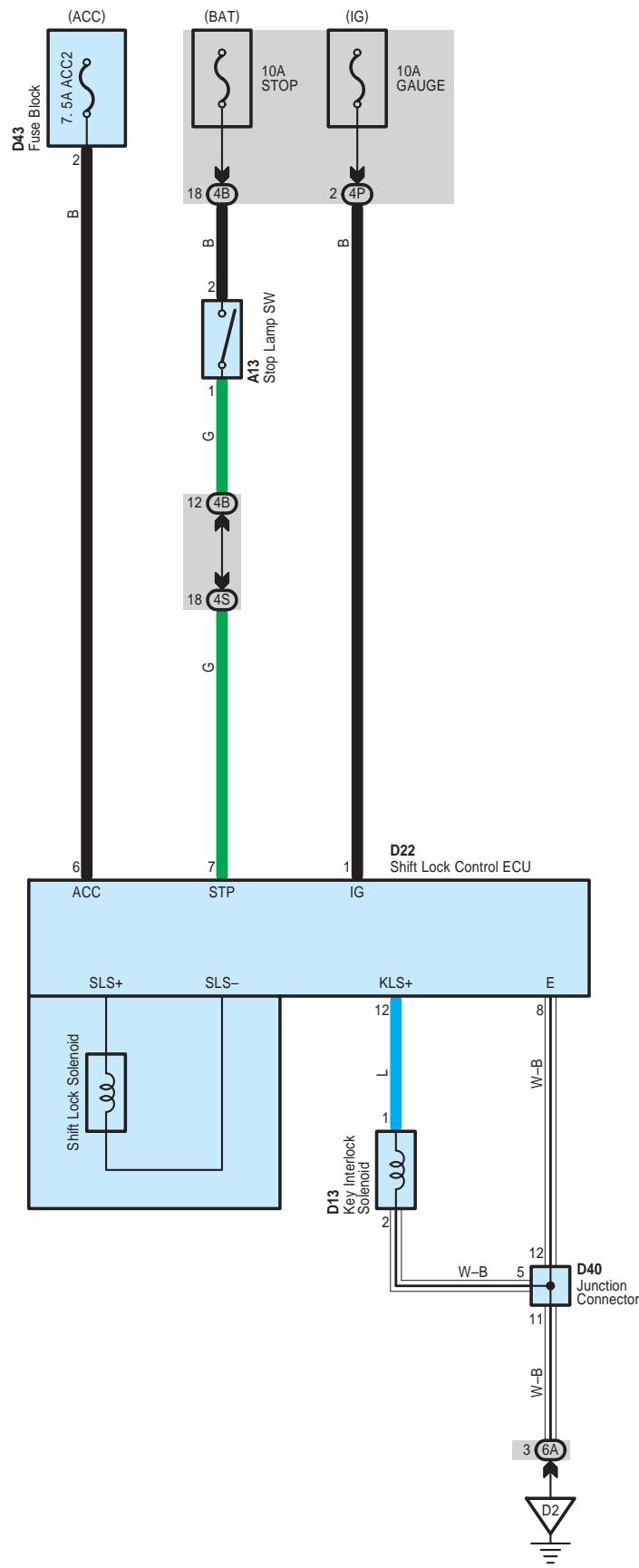
 : Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-------------|-------------------------------------------------------------------------|
| AD2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| JD1 | 62 (H/B) | Floor Wire and Instrument Panel Wire (Instrument Panel Left) |
| MJ1 | 64 (5-Door) | Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel) |
| | 65 (3-Door) | |
| MN1 | 64 (5-Door) | Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center) |
| | 65 (3-Door) | |

 : Ground Points

| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| D1 | 62 (H/B) | Left Kick Panel |

Shift Lock



System Outline

The shift lever can be shifted from P range only when the brake pedal is depressed with the ignition key at ON position.

O : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|--------------|
| A13 | 50 (H/B) | D22 | 51 (H/B) | D43 | 45, 51 (H/B) |
| | 52 (S/D) | | 53 (S/D) | | 45, 53 (S/D) |
| D13 | 51 (H/B) | D40 | 51 (H/B) | | |
| | 53 (S/D) | | 53 (S/D) | | |

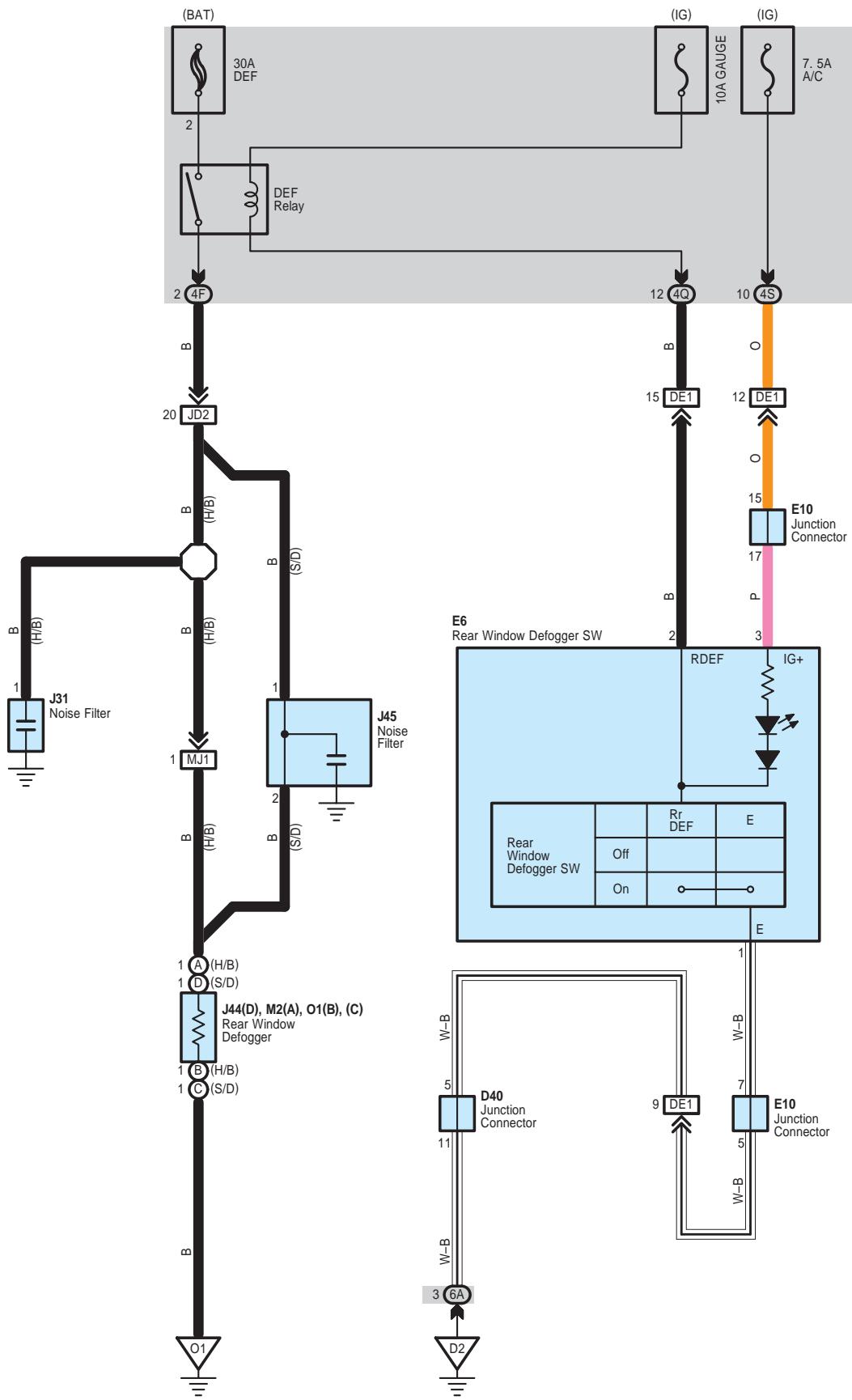
O : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4P | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4S | | |
| 6A | 40 | Instrument Panel Wire and J/B No.6 (Right Kick Panel) |

▽ : Ground Points

| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| D2 | 62 (H/B) | Right Kick Panel |
| | 63 (S/D) | |

Rear Window Defogger



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|-------------|------|----------------------------|
| D40 | 51 (H/B) | E10 | 52 (S/D) | M2 | 54 (5-Door) 56 (3-Door) |
| | 53 (S/D) | J31 | 55 (5-Door) | | |
| E6 | 50 (H/B) | | 57 (3-Door) | O1 | 54 (5-Door) 56 (3-Door) |
| | 52 (S/D) | J44 | D | | |
| E10 | 50 (H/B) | J45 | 59 (4-Door) | C | 58 (4-Door) |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) | |
|------|----------|---------------------------------------------------------------------|--|
| 4F | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) | |
| 4Q | 31 | | |
| 4S | | | |
| 6A | 40 | Instrument Panel Wire and J/B No.6 (Right Kick Panel) | |

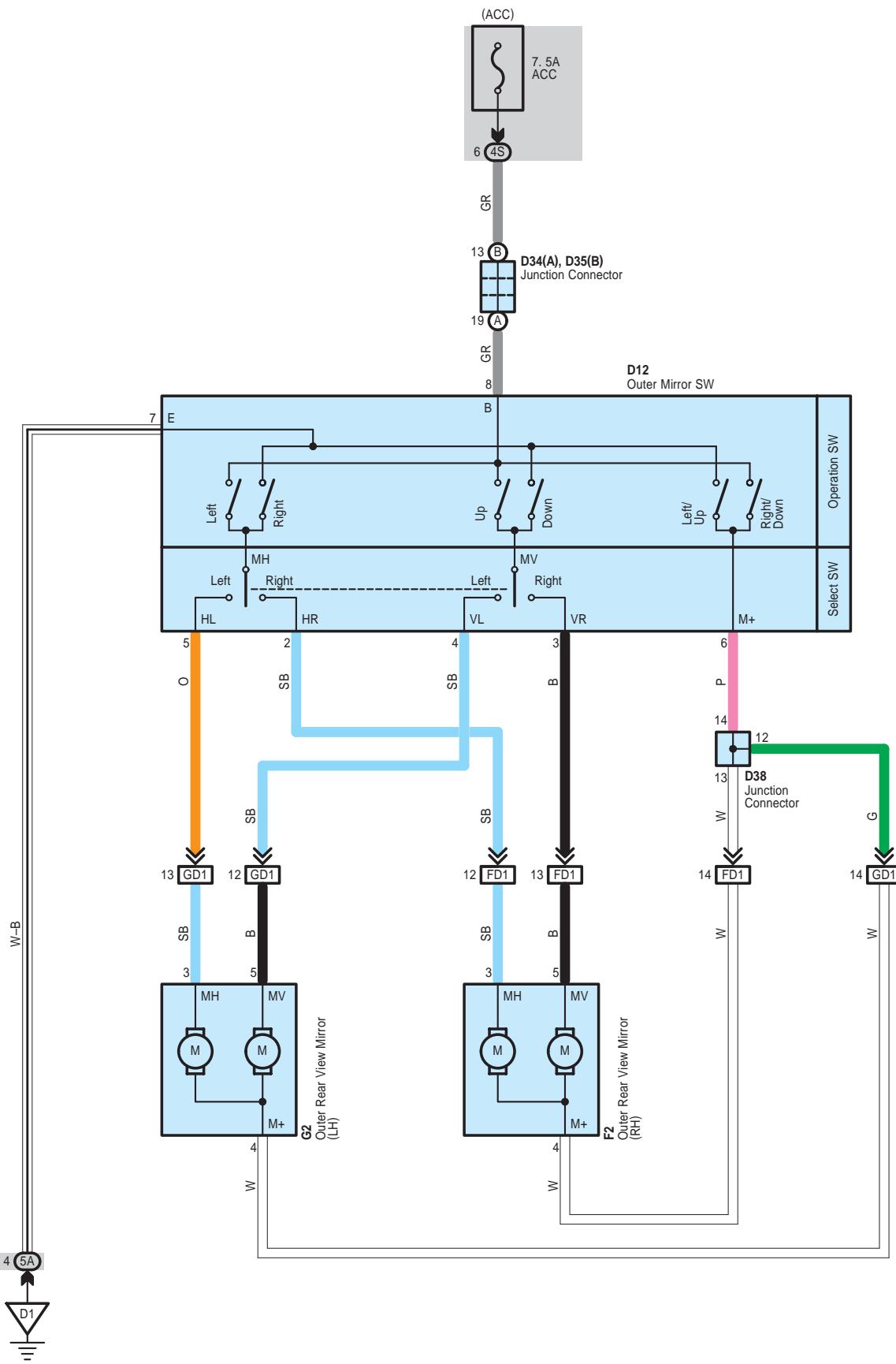
 : Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-------------|--------------------------------------------------------------------------------|
| DE1 | 62 (H/B) | Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center) |
| | 63 (S/D) | |
| JD2 | 62 (H/B) | Floor Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| MJ1 | 64 (5-Door) | Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel) |
| | 65 (3-Door) | |

 : Ground Points

| Code | See Page | Ground Points Location |
|------|-------------|--------------------------|
| D2 | 62 (H/B) | Right Kick Panel |
| | 63 (S/D) | |
| O1 | 64 (5-Door) | Back Door Panel Left |
| | 65 (3-Door) | |
| | 66 (4-Door) | Right Rear Quarter Panel |

Remote Control Mirror



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page | |
|------|----------|------|----------|-------------|----------|-------------|
| D12 | 51 (H/B) | D35 | B | 53 (S/D) | F2 | 58 (4-Door) |
| | 53 (S/D) | D38 | | 51 (H/B) | G2 | 54 (5-Door) |
| D34 | A | | | 53 (S/D) | | 56 (3-Door) |
| | | F2 | | 54 (5-Door) | | 58 (4-Door) |
| D35 | B | | | 56 (3-Door) | | |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4S | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 5A | 38 | Instrument Panel Wire and J/B No.5 (Left Kick Panel) |

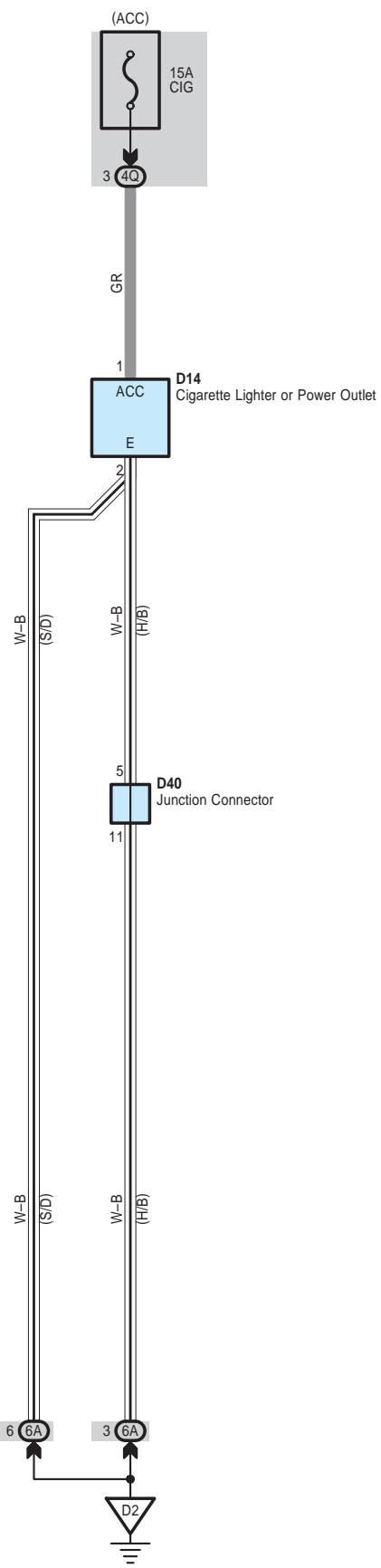
 : Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|-----------------------------------------------------------------|
| FD1 | 62 (H/B) | Front Door RH Wire and Instrument Panel Wire (Right Kick Panel) |
| | 63 (S/D) | |
| GD1 | 62 (H/B) | Front Door LH Wire and Instrument Panel Wire (Left Kick Panel) |
| | 63 (S/D) | |

 : Ground Points

| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |

Cigarette Lighter / Power Outlet



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|----------|
| D14 | 51 (H/B) | D14 | 53 (S/D) | D40 | 51 (H/B) |

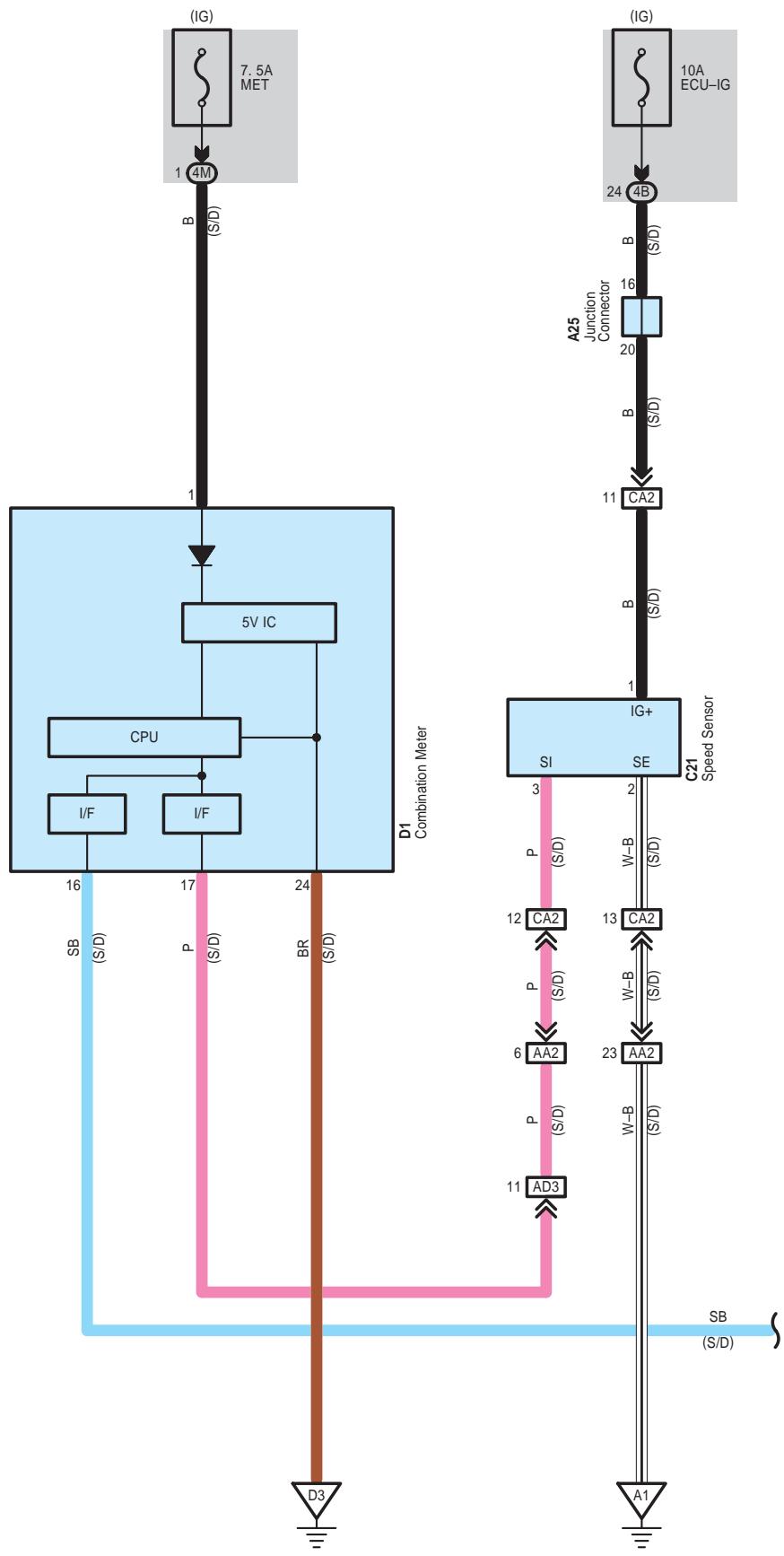
 : Junction Block and Wire Harness Connector

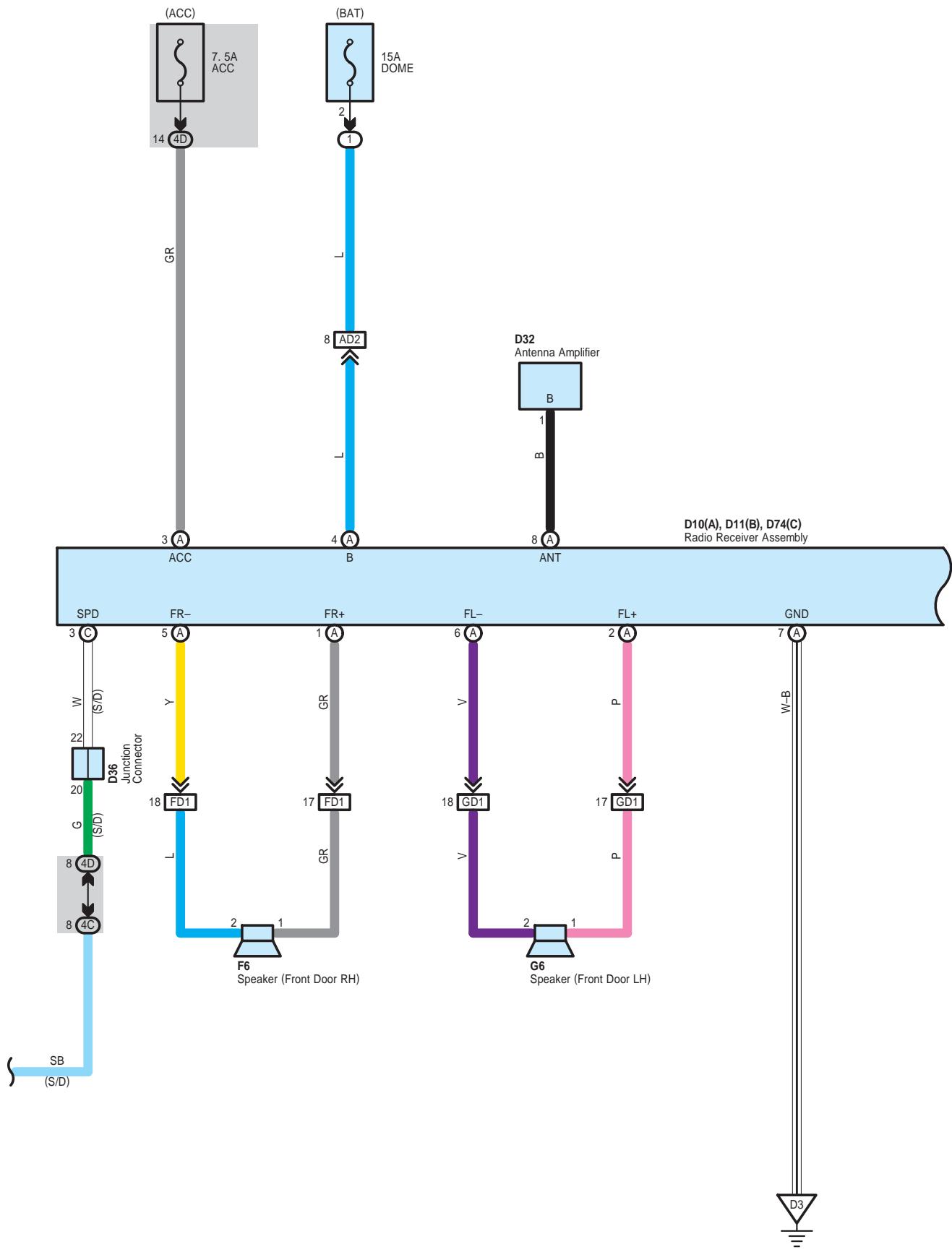
| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4Q | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 6A | 40 | Instrument Panel Wire and J/B No.6 (Right Kick Panel) |

 : Ground Points

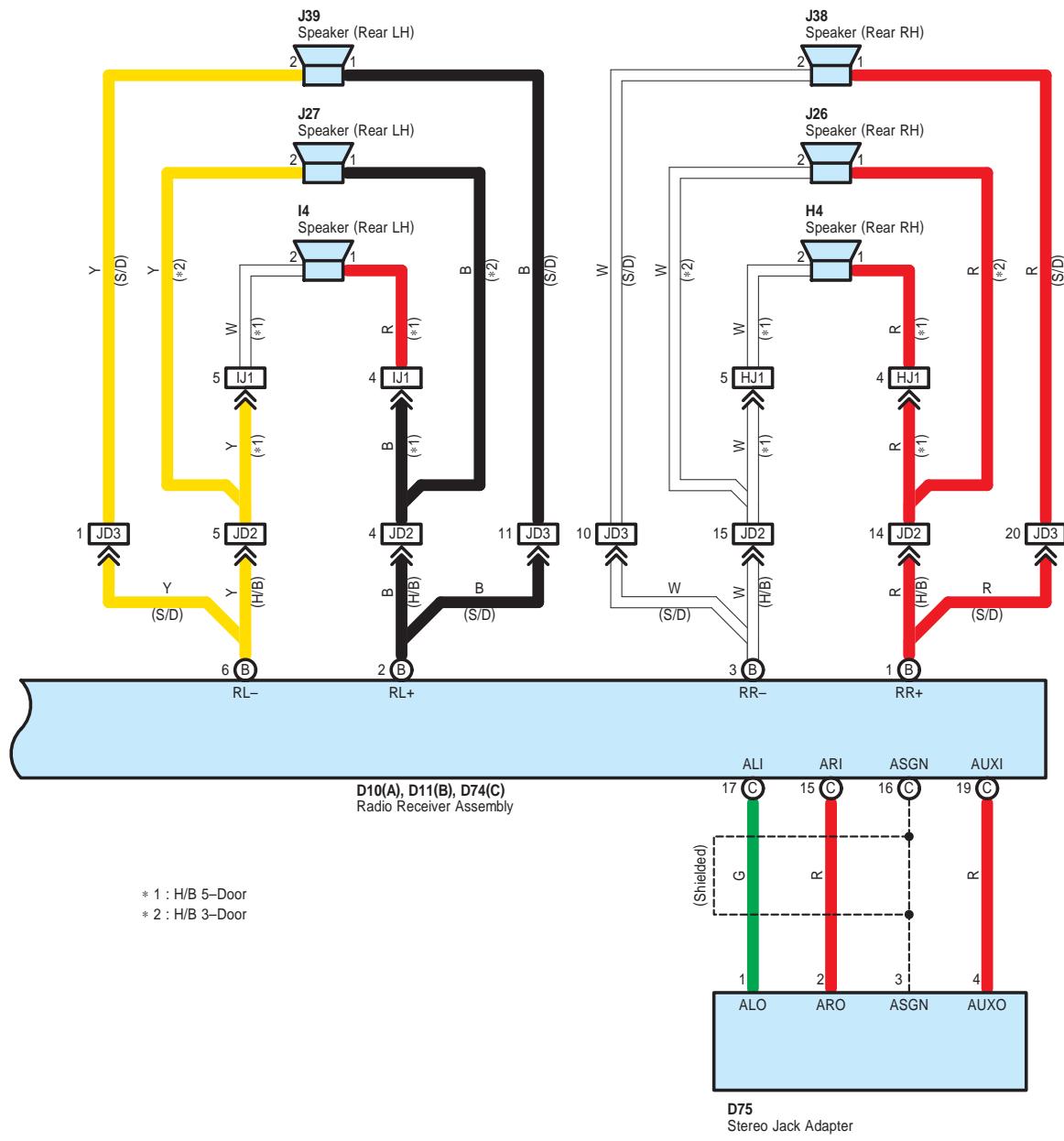
| Code | See Page | Ground Points Location |
|------|----------------------|------------------------|
| D2 | 62 (H/B) 63 (S/D) | Right Kick Panel |

Audio System





Audio System



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|----------|----------|-------------|----------------|
| A25 | 48 (S/D) | D74 | D36 | G6 | 56 (3-Door) |
| C21 | 49 (S/D) | | 51 (H/B) | | 58 (4-Door) |
| D1 | 53 (S/D) | | 53 (S/D) | | H4 54 (5-Door) |
| D10 | A | 51 (H/B) | D75 | I4 | 54 (5-Door) |
| | | 53 (S/D) | | J26 | 57 (3-Door) |
| D11 | B | 51 (H/B) | F6 | J27 | 57 (3-Door) |
| | | 53 (S/D) | | J38 | 59 (4-Door) |
| D32 | | 51 (H/B) | | J39 | 59 (4-Door) |
| | | 53 (S/D) | G6 | 54 (5-Door) | |

 : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4C | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4D | | |
| 4M | 31 | |

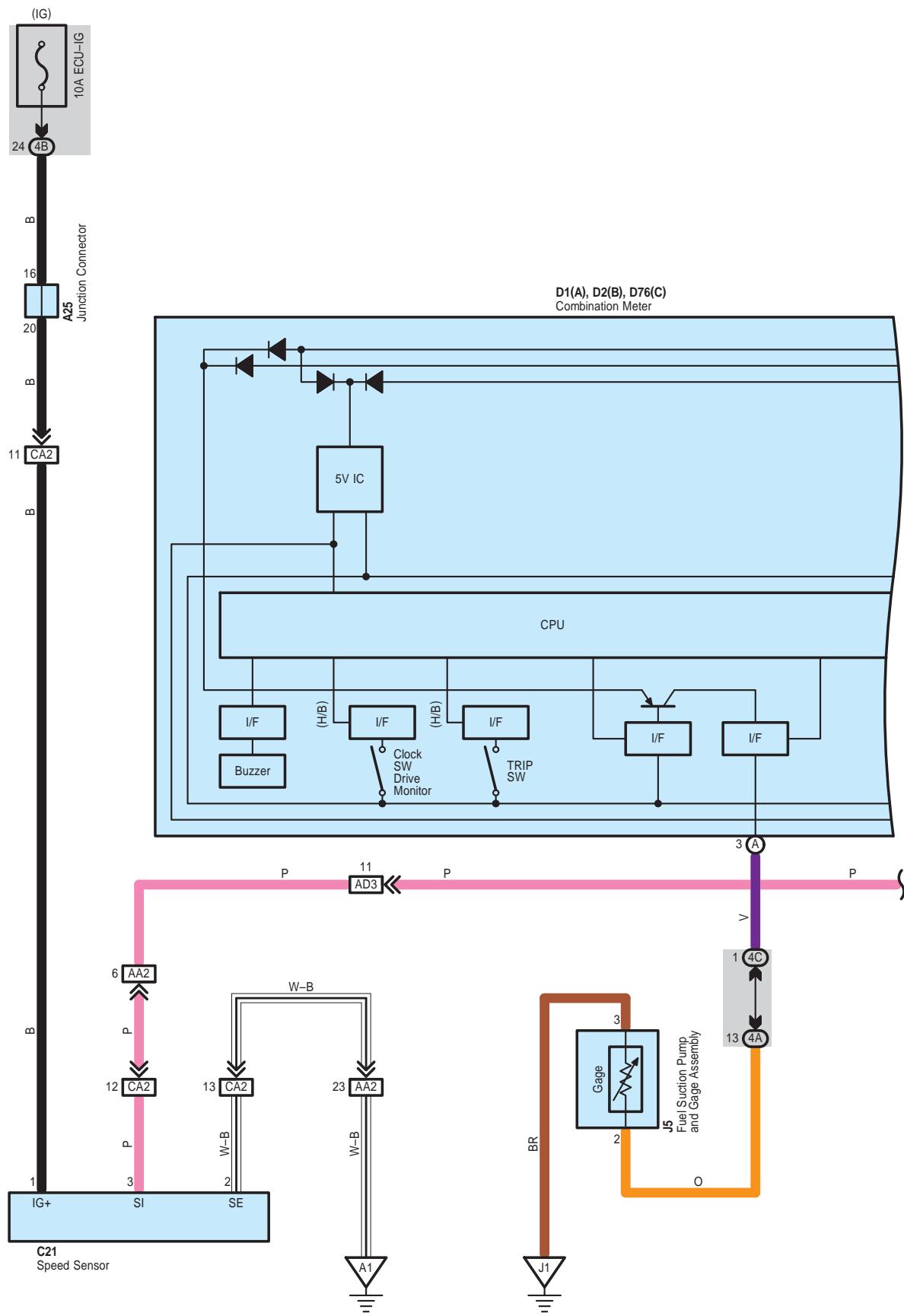
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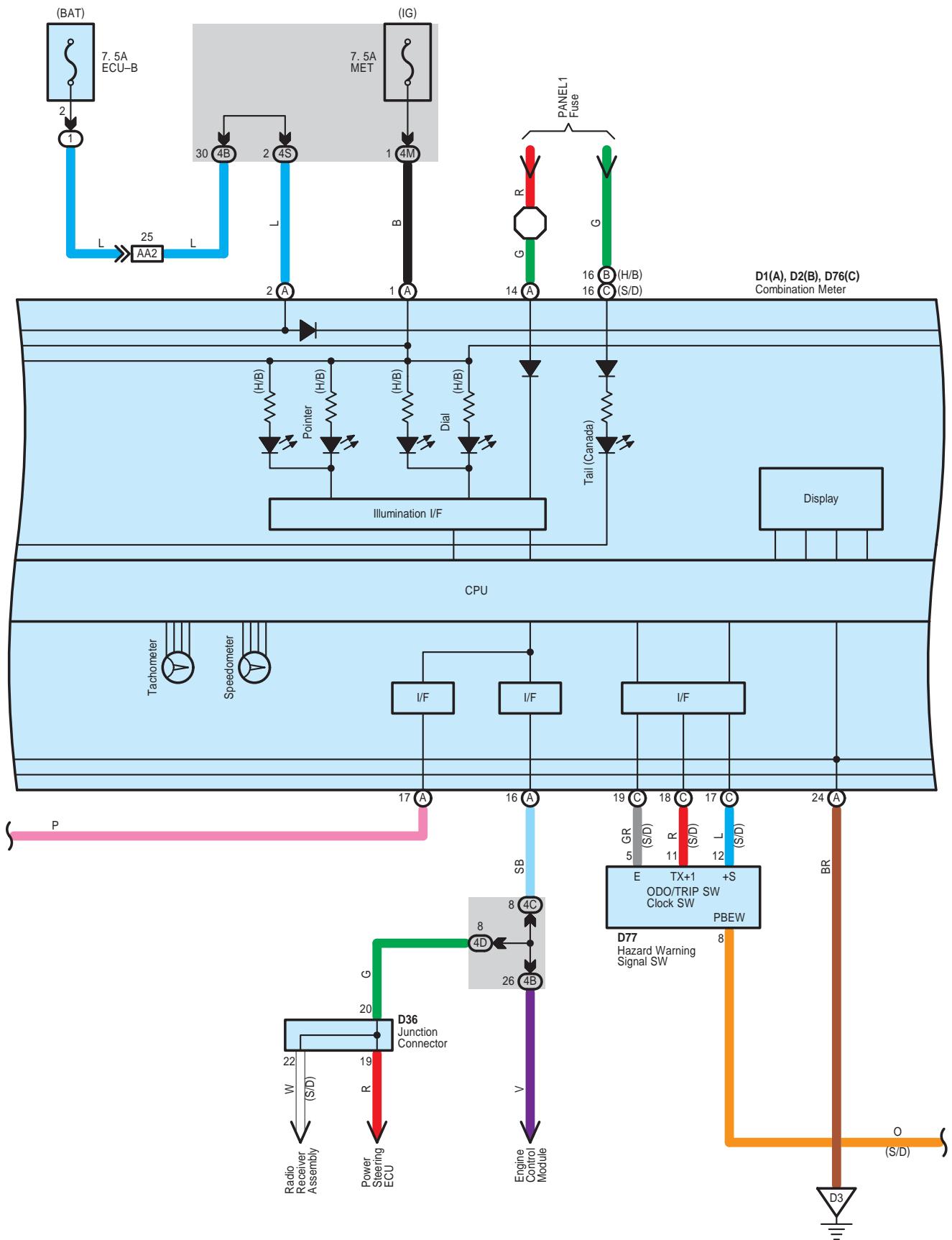
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-------------|-------------------------------------------------------------------------|
| AA2 | 63 (S/D) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| AD2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD3 | 63 (S/D) | |
| CA2 | 61 (S/D) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| FD1 | 62 (H/B) | Front Door RH Wire and Instrument Panel Wire (Right Kick Panel) |
| | 63 (S/D) | |
| GD1 | 62 (H/B) | Front Door LH Wire and Instrument Panel Wire (Left Kick Panel) |
| | 63 (S/D) | |
| HJ1 | 64 (5-Door) | Rear Door No.1 Wire and Floor Wire (Right Center Pillar) |
| IJ1 | 64 (5-Door) | Rear Door No.2 Wire and Floor Wire (Left Center Pillar) |
| JD2 | 62 (H/B) | Floor Wire and Instrument Panel Wire (Instrument Panel Left) |
| JD3 | 63 (S/D) | |

 : Ground Points

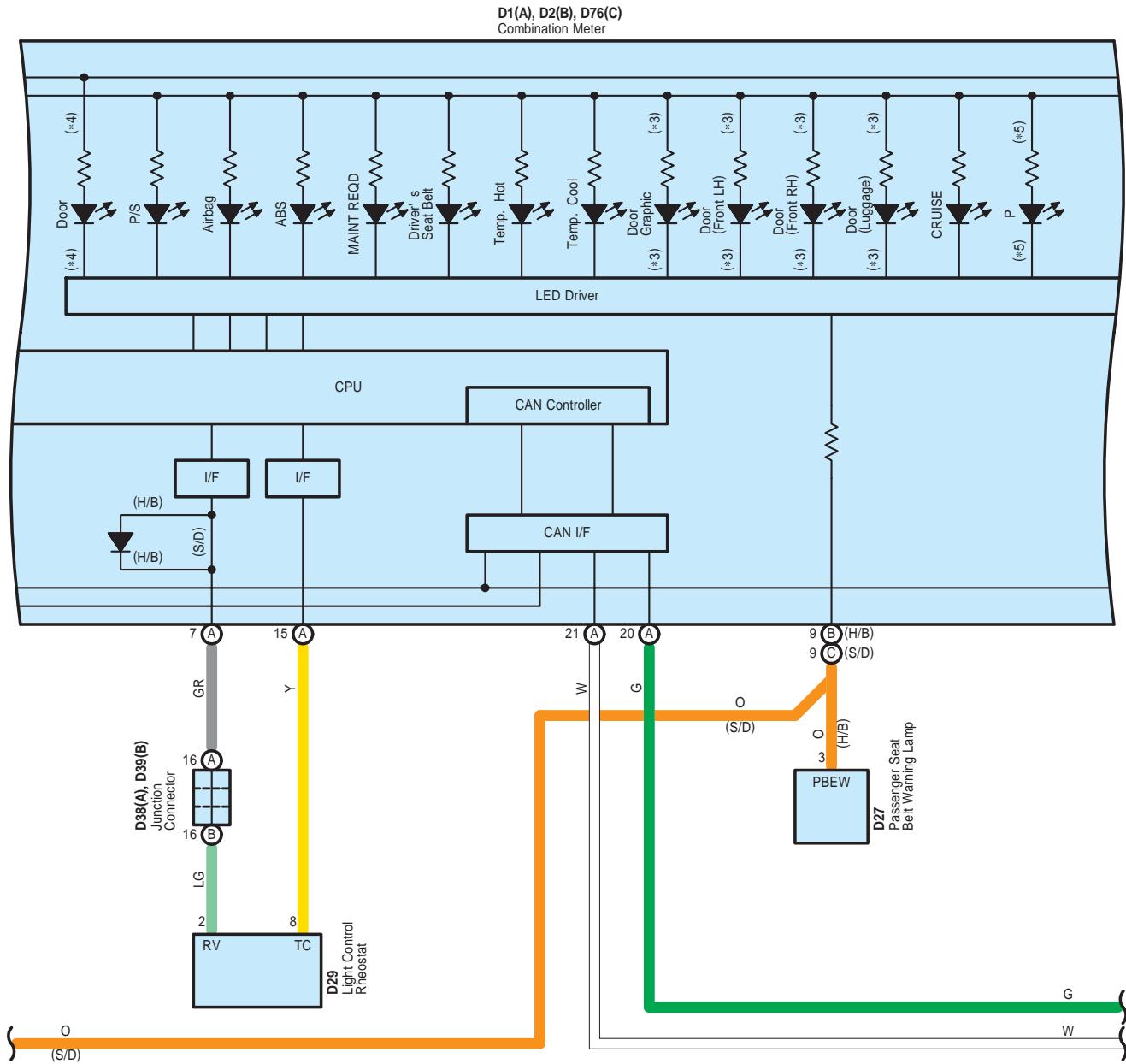
| Code | See Page | Ground Points Location |
|------|----------|-------------------------------------|
| A1 | 61 (S/D) | Left Suspension Tower |
| D3 | 62 (H/B) | Instrument Panel Reinforcement Left |
| | 63 (S/D) | |

Combination Meter

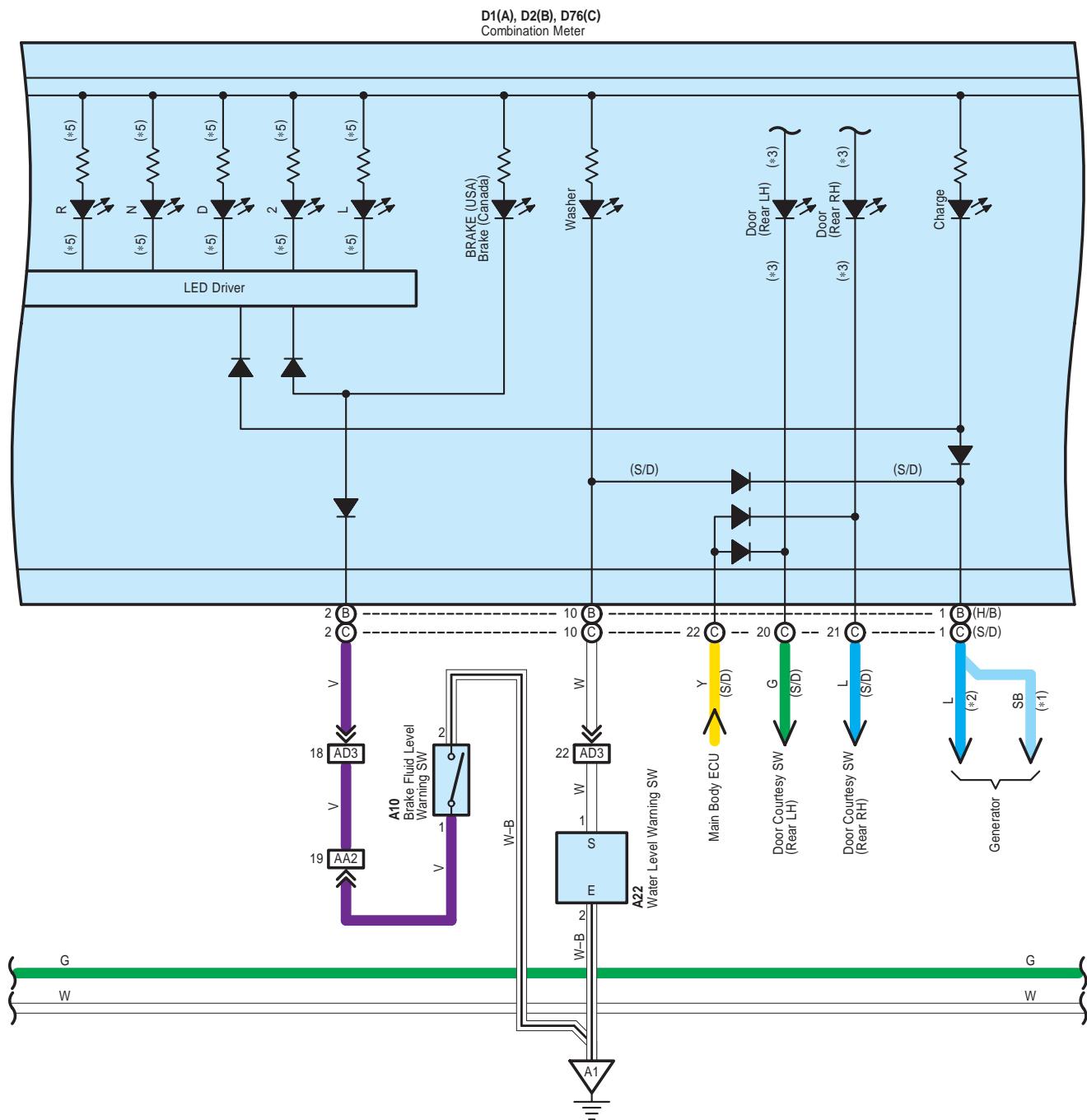




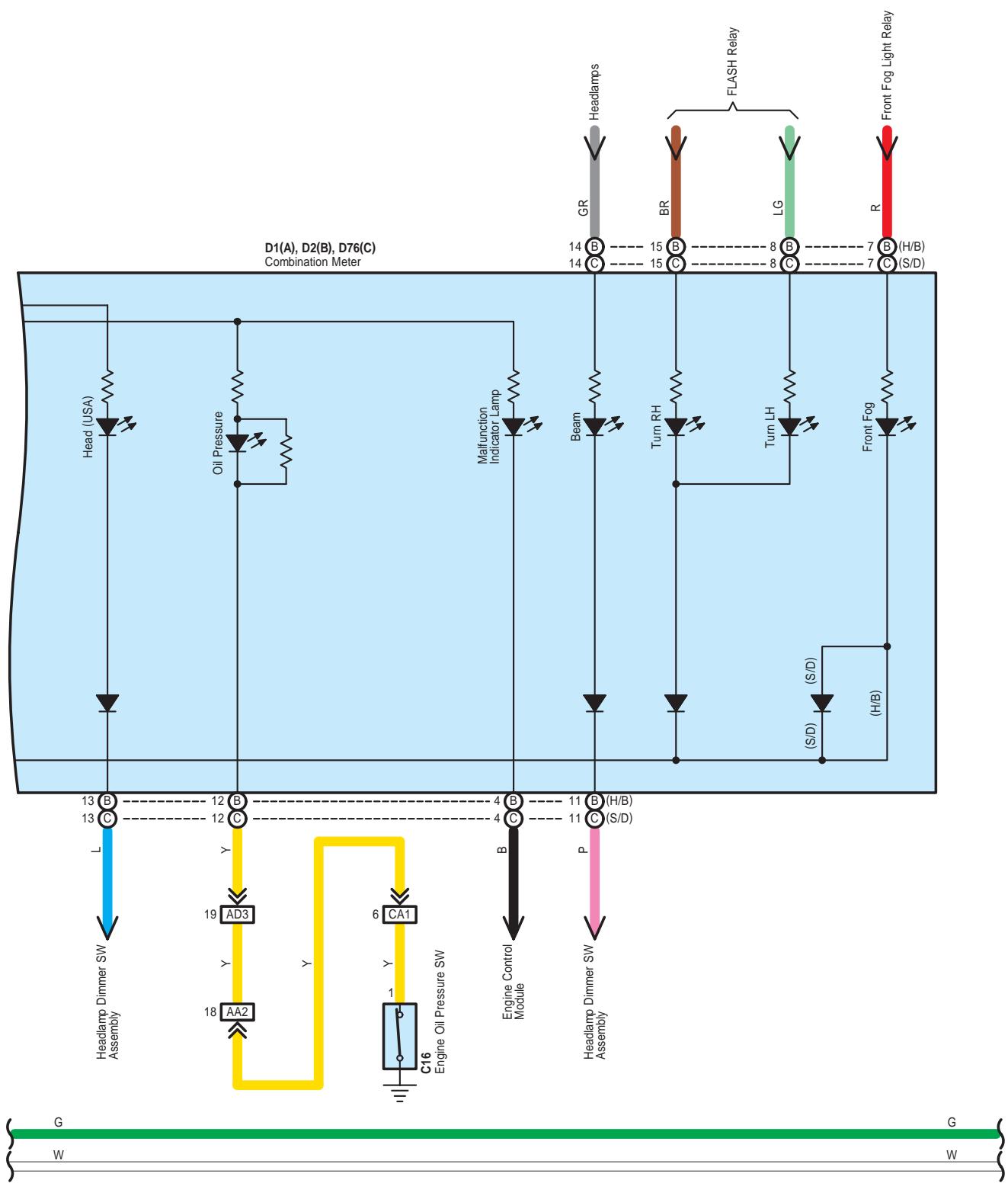
Combination Meter

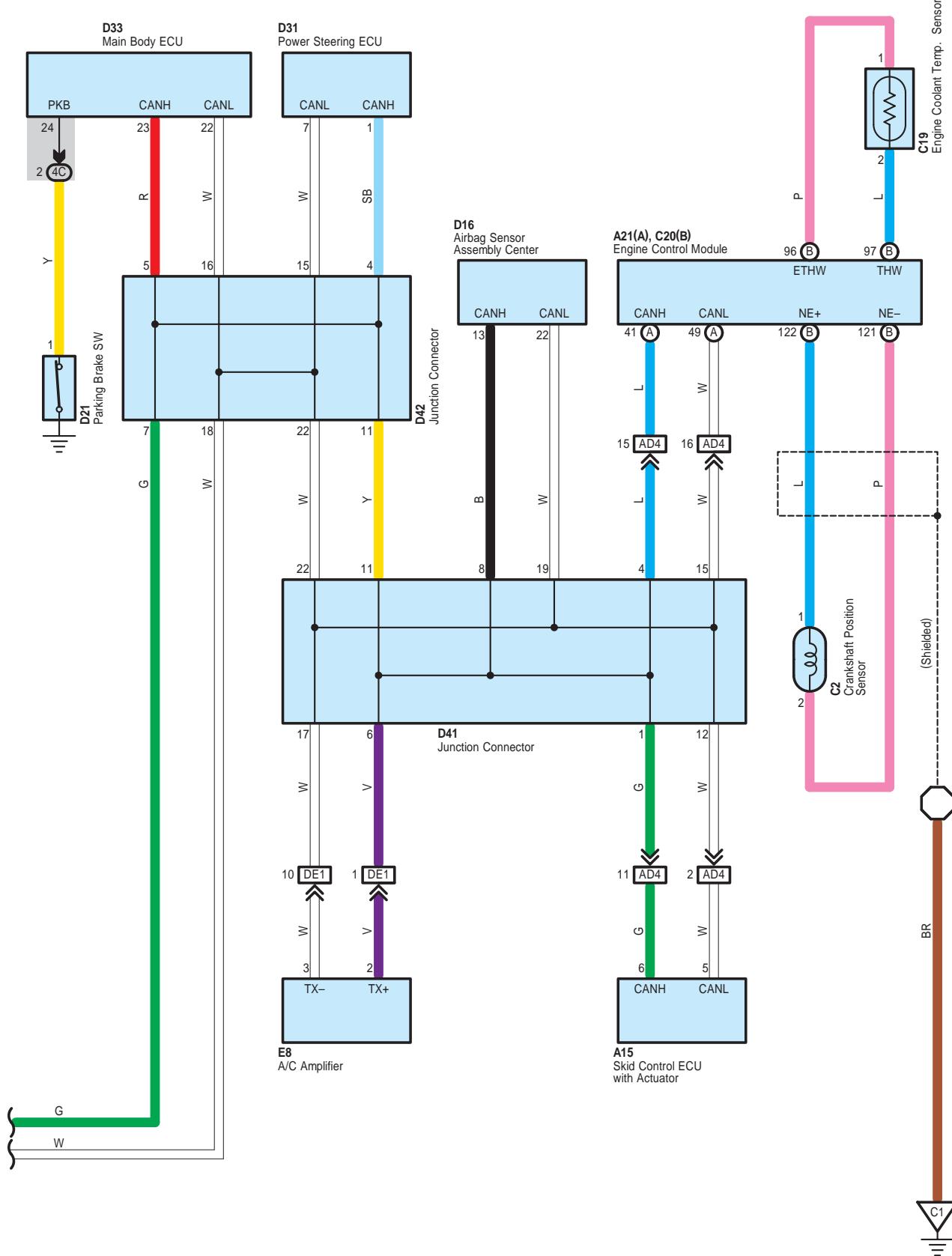


- * 1 : w/ Daytime Running Light
- * 2 : w/o Daytime Running Light
- * 3 : S/D w/ Tachometer
- * 4 : S/D w/o Tachometer, H/B
- * 5 : S/D A/T



Combination Meter





Combination Meter

 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|-------------|
| A10 | 46 (H/B) | C20 | 49 (S/D) | D36 | 51 (H/B) |
| | 48 (S/D) | C21 | 47 (H/B) | | 53 (S/D) |
| A15 | 46 (H/B) | D1 | 49 (S/D) | D38 | 51 (H/B) |
| | 48 (S/D) | | 51 (H/B) | | 53 (S/D) |
| A21 | 46 (H/B) | D2 | 53 (S/D) | D39 | 51 (H/B) |
| | 48 (S/D) | B | 51 (H/B) | | 53 (S/D) |
| A22 | 46 (H/B) | D16 | 51 (H/B) | D41 | 51 (H/B) |
| | 48 (S/D) | | 53 (S/D) | | 53 (S/D) |
| A25 | 46 (H/B) | D21 | 51 (H/B) | D42 | 51 (H/B) |
| | 48 (S/D) | | 53 (S/D) | | 53 (S/D) |
| C2 | 47 (H/B) | D27 | 51 (H/B) | D76 | C |
| | 49 (S/D) | D29 | 51 (H/B) | D77 | 53 (S/D) |
| C16 | 47 (H/B) | D31 | 53 (S/D) | E8 | 50 (H/B) |
| | 49 (S/D) | | 51 (H/B) | | 52 (S/D) |
| C19 | 47 (H/B) | D33 | 53 (S/D) | J5 | 55 (5-Door) |
| | 49 (S/D) | | 51 (H/B) | | 57 (3-Door) |
| C20 | 47 (H/B) | | 53 (S/D) | | 59 (4-Door) |

 : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4C | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4D | | |
| 4M | 31 | |
| 4S | | |

 : Connector Joining Wire Harness and Wire Harness

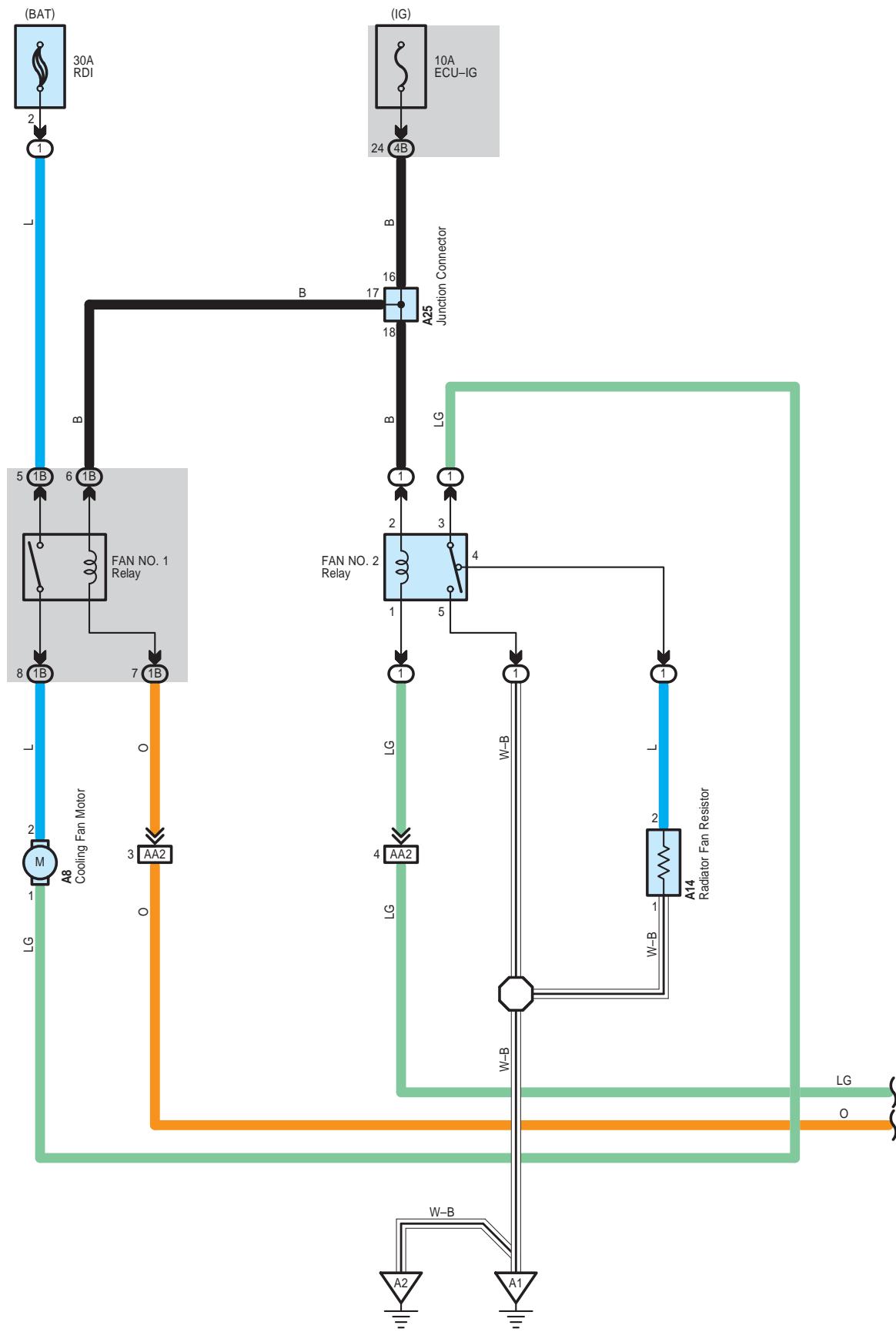
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------------------|--------------------------------------------------------------------------------|
| AA2 | 62 (H/B) 63 (S/D) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| AD3 | 62 (H/B) 63 (S/D) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| AD4 | 62 (H/B) 63 (S/D) | |
| CA1 | 60 (H/B) 61 (S/D) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| CA2 | 60 (H/B) 61 (S/D) | |
| DE1 | 62 (H/B) 63 (S/D) | Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center) |

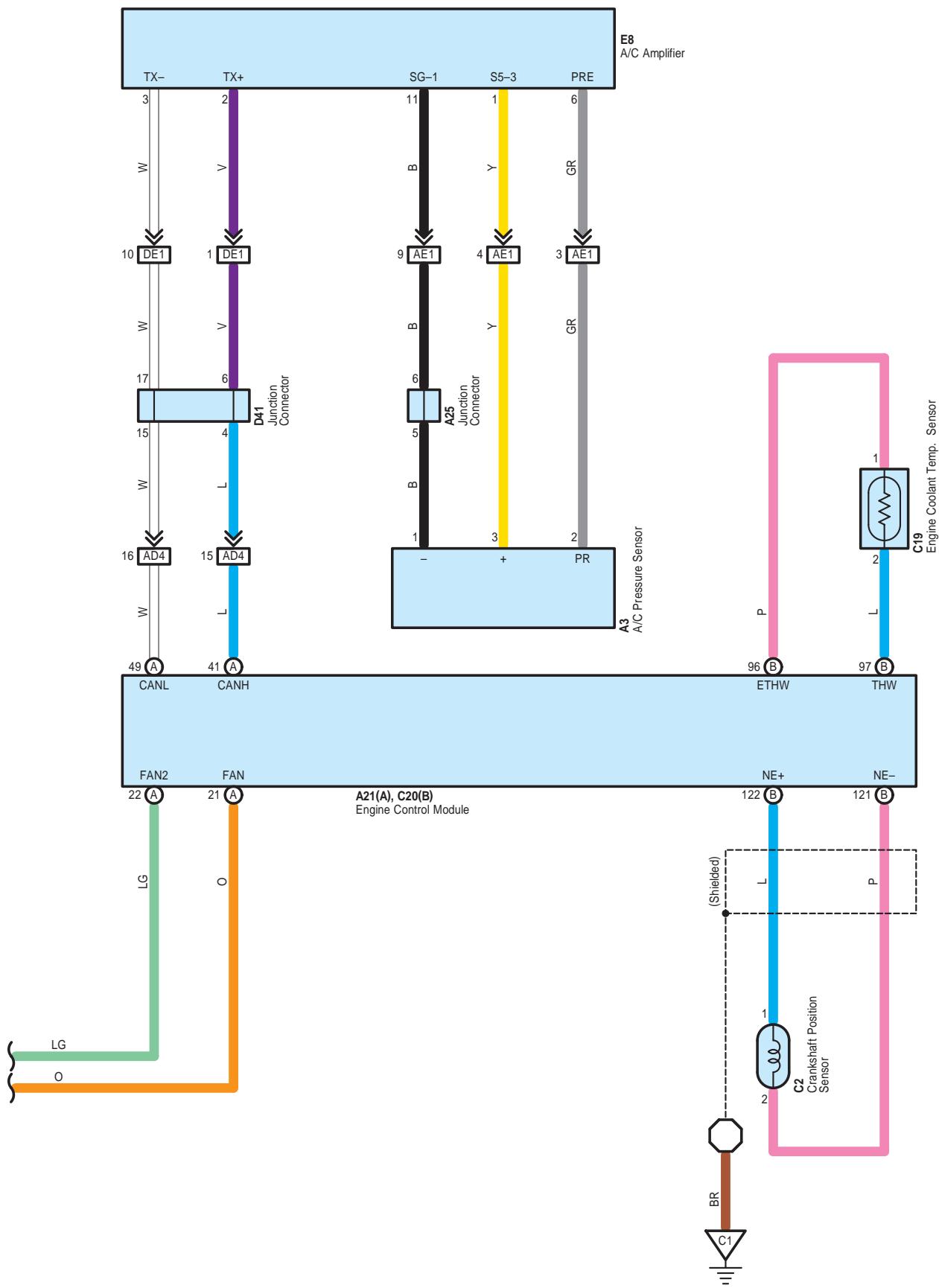


: Ground Points

| Code | See Page | Ground Points Location |
|------|-------------|-------------------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| C1 | 60 (H/B) | Engine Block Left |
| | 61 (S/D) | |
| D3 | 62 (H/B) | Instrument Panel Reinforcement Left |
| | 63 (S/D) | |
| J1 | 64 (5-Door) | Right Rear Quarter Panel |
| | 65 (3-Door) | |
| | 66 (4-Door) | |
| | | Lower Back Panel Right |

Cooling Fan





Cooling Fan

: Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|----------|----------|----------|----------------------|
| A3 | 46 (H/B) | A21 | A | 48 (S/D) | 47 (H/B) 49 (S/D) |
| | 48 (S/D) | A25 | | 46 (H/B) | |
| A8 | 46 (H/B) | | | 48 (S/D) | 51 (H/B) 53 (S/D) |
| | 48 (S/D) | C2 | | 47 (H/B) | |
| A14 | 46 (H/B) | | | 49 (S/D) | 50 (H/B) 52 (S/D) |
| | 48 (S/D) | C19 | | 47 (H/B) | |
| A21 | A | 46 (H/B) | | 49 (S/D) | |

: Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |

: Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 1B | 25 | Engine Room Main Wire and Engine Room J/B (Engine Compartment Left) |
| 4B | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |

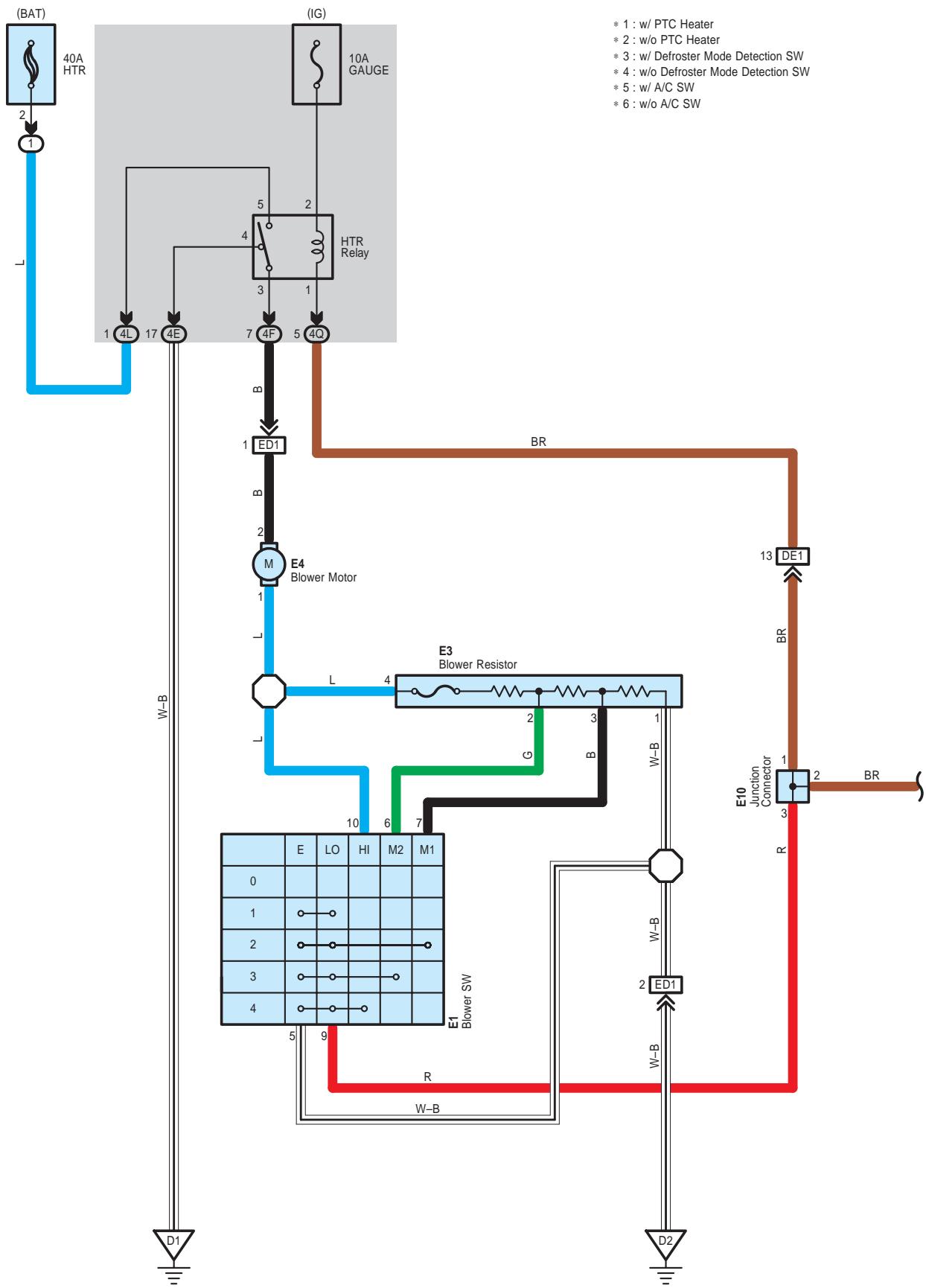
: Connector Joining Wire Harness and Wire Harness

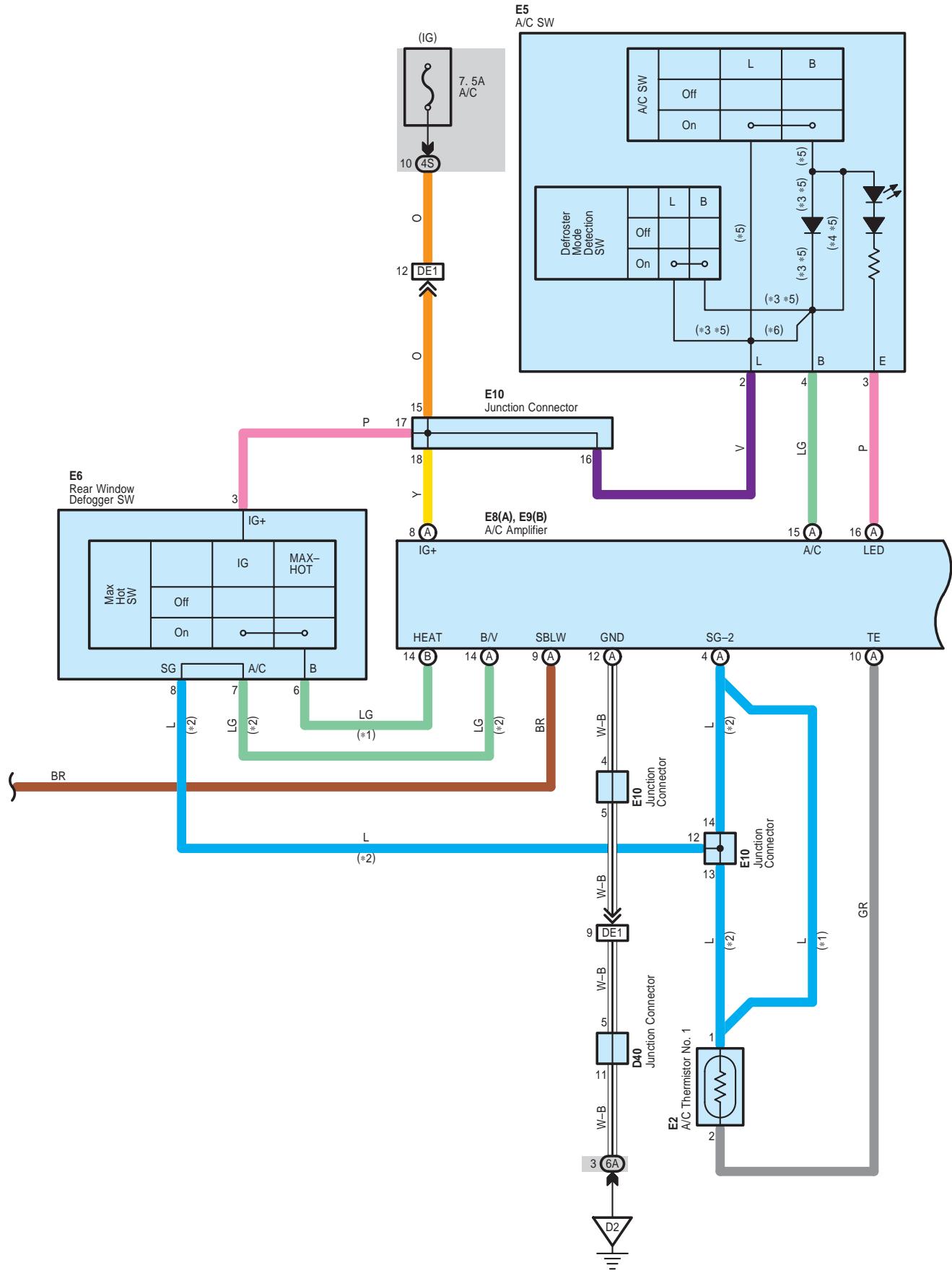
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|--------------------------------------------------------------------------------|
| AA2 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD4 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AE1 | 62 (H/B) | Engine Room Main Wire and Instrument Panel No.2 Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| DE1 | 62 (H/B) | Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center) |
| | 63 (S/D) | |

: Ground Points

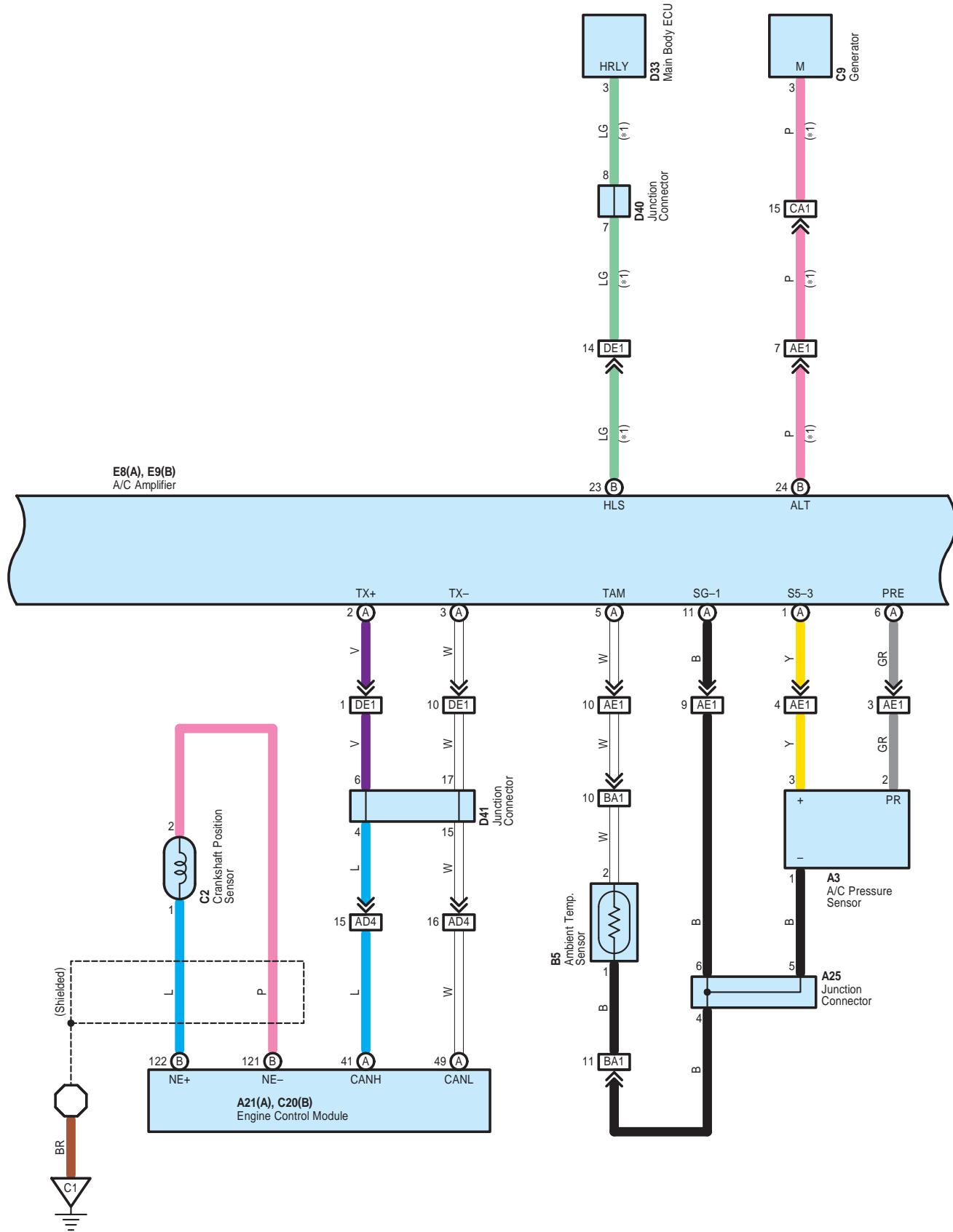
| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| A2 | 60 (H/B) | |
| | 61 (S/D) | |
| C1 | 60 (H/B) | Engine Block Left |
| | 61 (S/D) | |

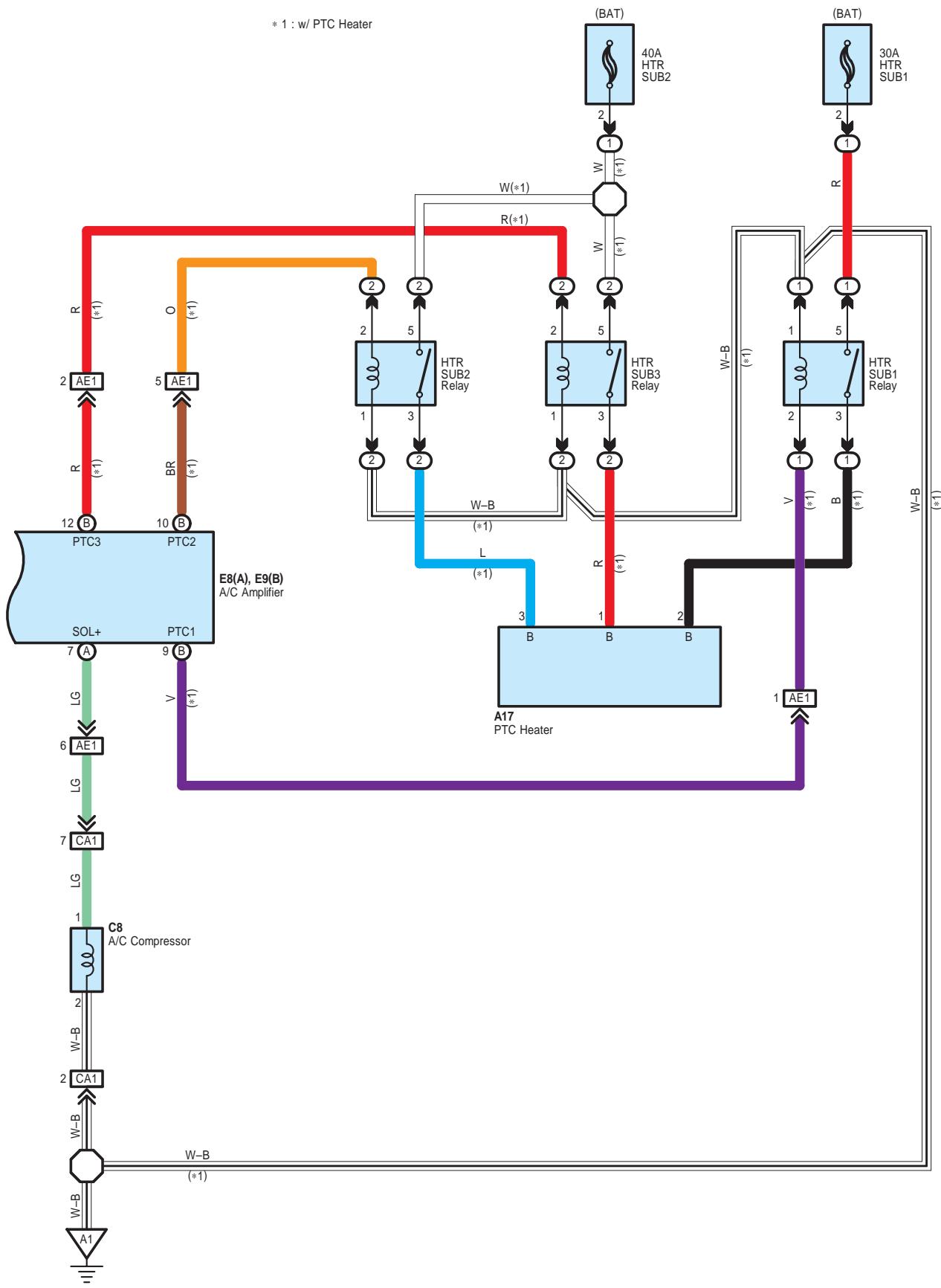
Air Conditioning





Air Conditioning





Air Conditioning

: Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|----------|
| A3 | 46 (H/B) | C9 | 47 (H/B) | E3 | 50 (H/B) |
| | 48 (S/D) | | 49 (S/D) | | 52 (S/D) |
| A17 | 50 (H/B) | C20 | 47 (H/B) | E4 | 50 (H/B) |
| | 52 (S/D) | | 49 (S/D) | | 52 (S/D) |
| A21 | A | D33 | 51 (H/B) | E5 | 50 (H/B) |
| | | | 53 (S/D) | | 52 (S/D) |
| A25 | 46 (H/B) | D40 | 51 (H/B) | E6 | 50 (H/B) |
| | 48 (S/D) | | 53 (S/D) | | 52 (S/D) |
| B5 | 46 (H/B) | D41 | 51 (H/B) | E8 | 50 (H/B) |
| | 48 (S/D) | | 53 (S/D) | | 52 (S/D) |
| C2 | 47 (H/B) | E1 | 50 (H/B) | E9 | 50 (H/B) |
| | 49 (S/D) | | 52 (S/D) | | 52 (S/D) |
| C8 | 47 (H/B) | E2 | 50 (H/B) | E10 | 50 (H/B) |
| | 49 (S/D) | | 52 (S/D) | | 52 (S/D) |

: Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |
| 2 | 28 | Engine Room R/B No.2 (Engine Compartment Right) |

: Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 4E | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4F | | |
| 4L | 30 | Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4Q | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4S | | |
| 6A | 40 | Instrument Panel Wire and J/B No.6 (Right Kick Panel) |

: Connector Joining Wire Harness and Wire Harness

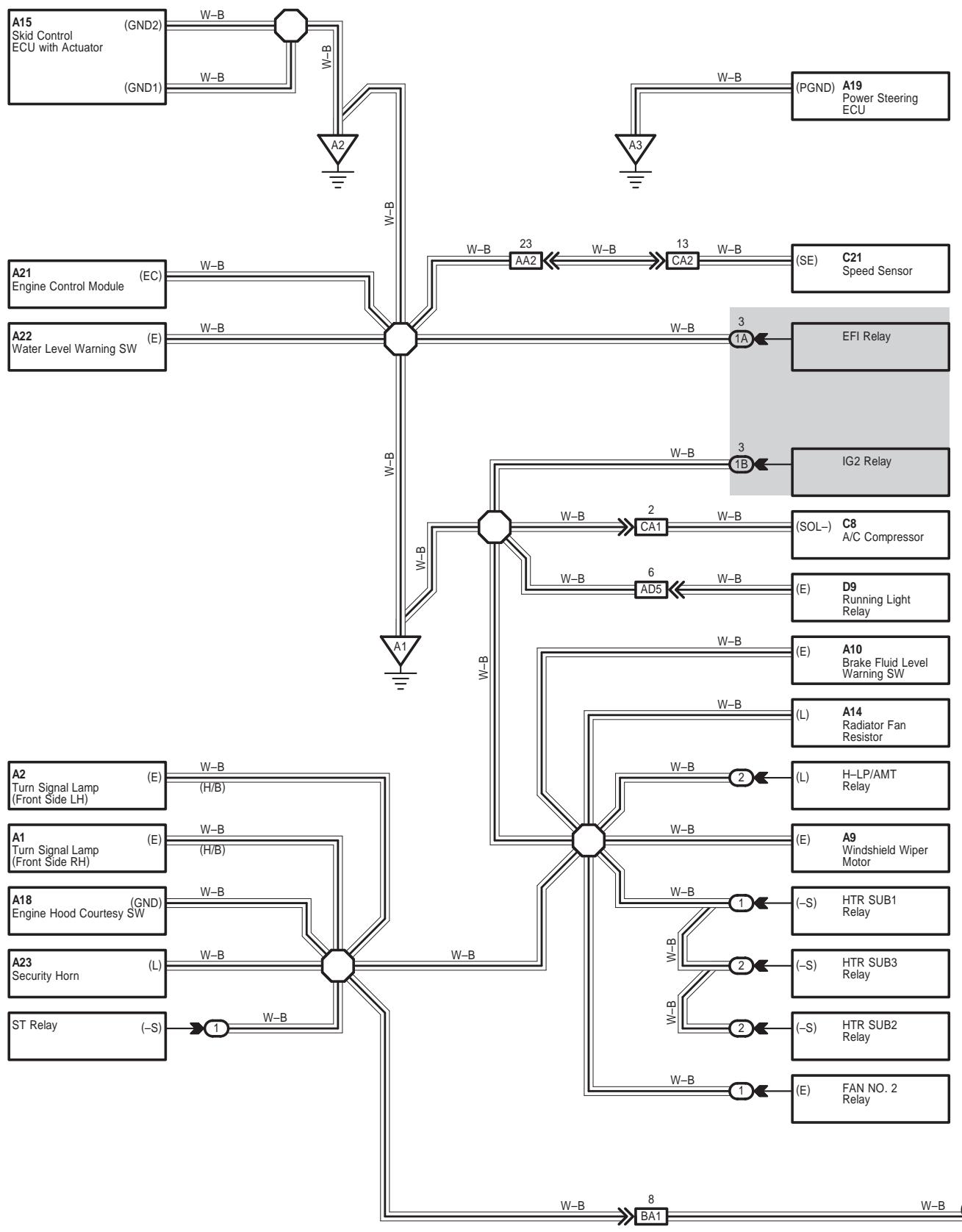
| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|--------------------------------------------------------------------------------|
| AD4 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AE1 | 62 (H/B) | Engine Room Main Wire and Instrument Panel No.2 Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| BA1 | 60 (H/B) | Engine Room No.2 Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |
| CA1 | 60 (H/B) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |
| DE1 | 62 (H/B) | Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center) |
| | 63 (S/D) | |
| ED1 | 62 (H/B) | Instrument Panel No.2 Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |

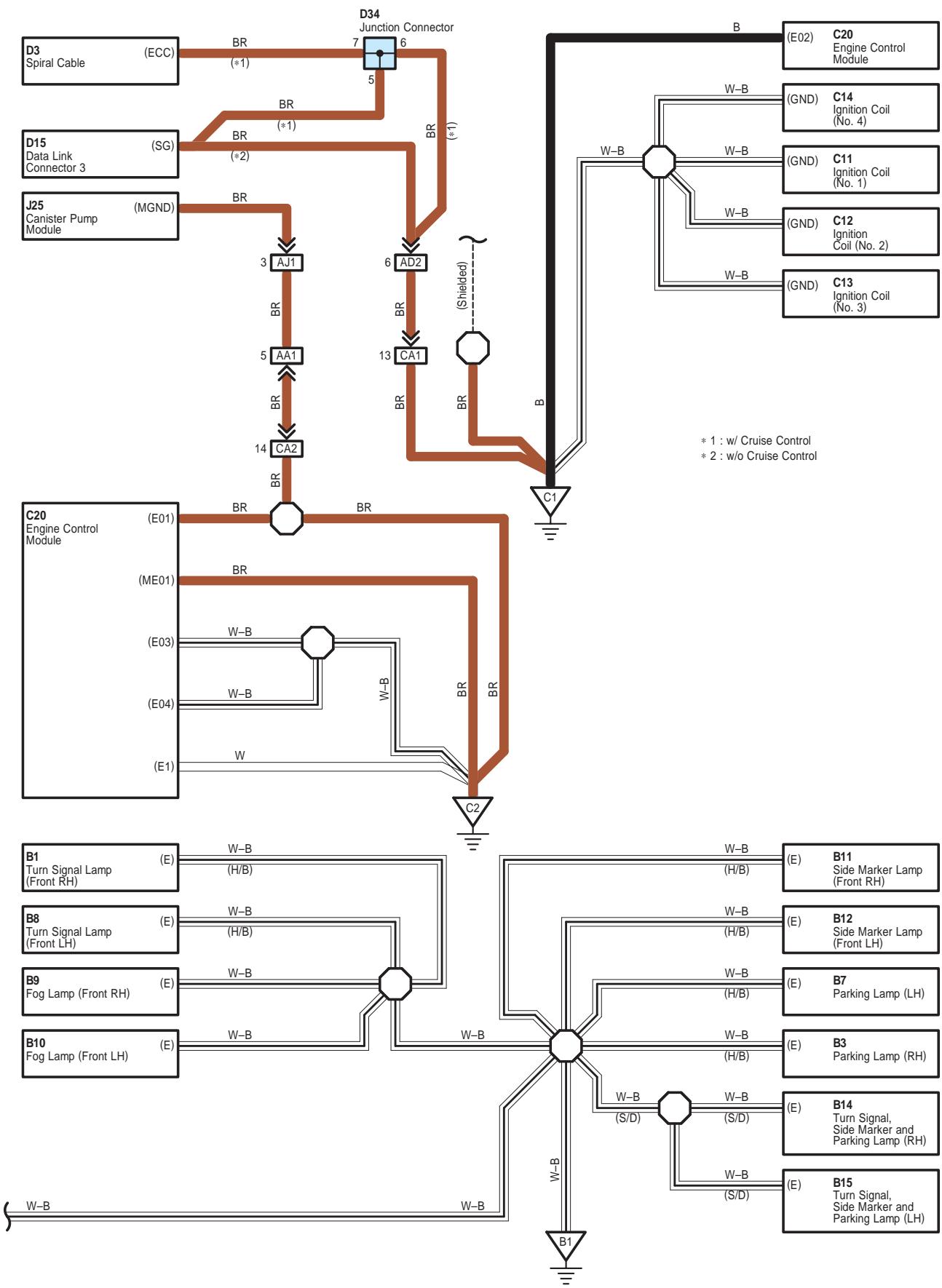


: Ground Points

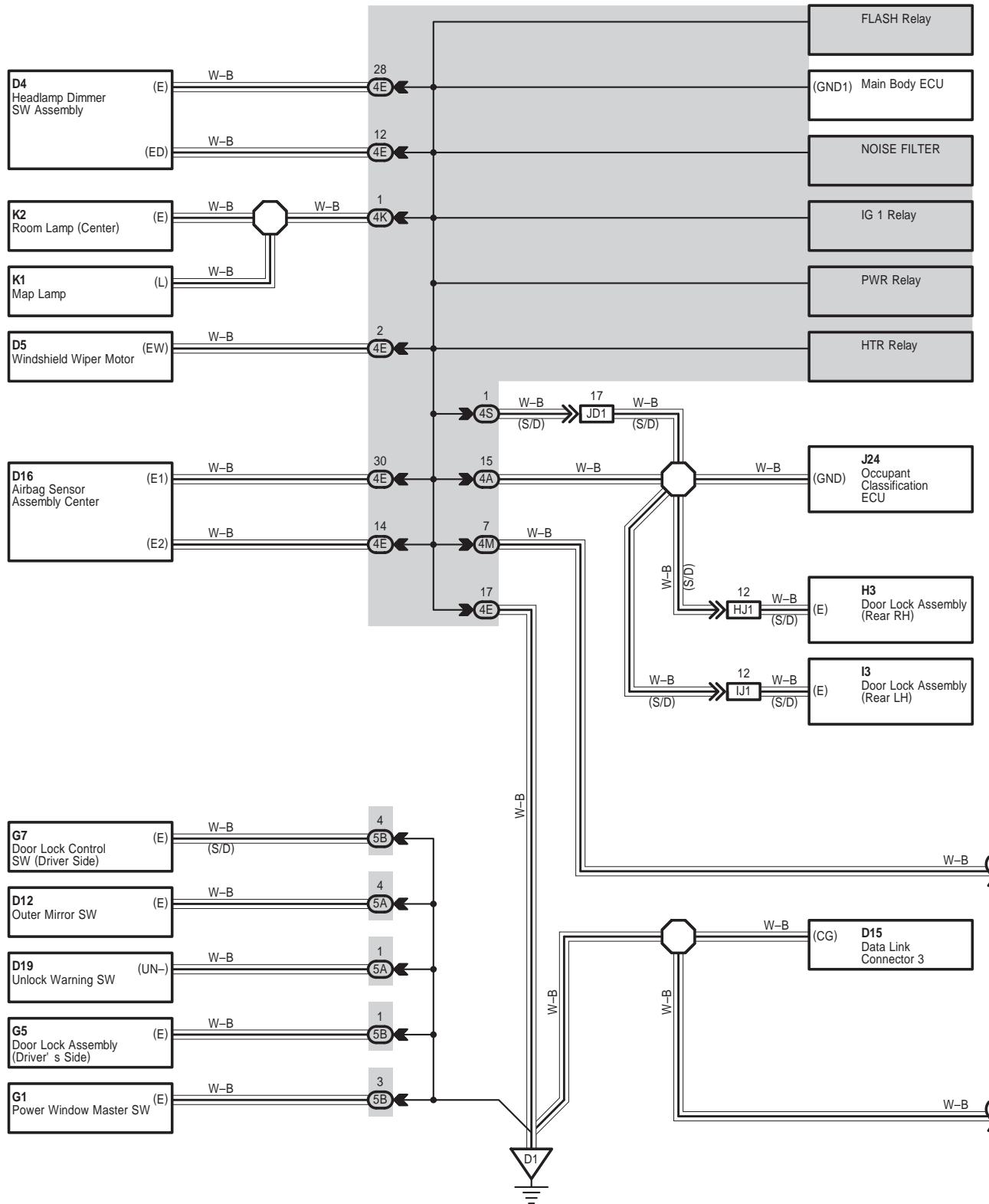
| Code | See Page | Ground Points Location |
|------|----------|------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| C1 | 60 (H/B) | Engine Block Left |
| | 61 (S/D) | |
| D1 | 62 (H/B) | Left Kick Panel |
| | 63 (S/D) | |
| D2 | 62 (H/B) | Right Kick Panel |
| | 63 (S/D) | |

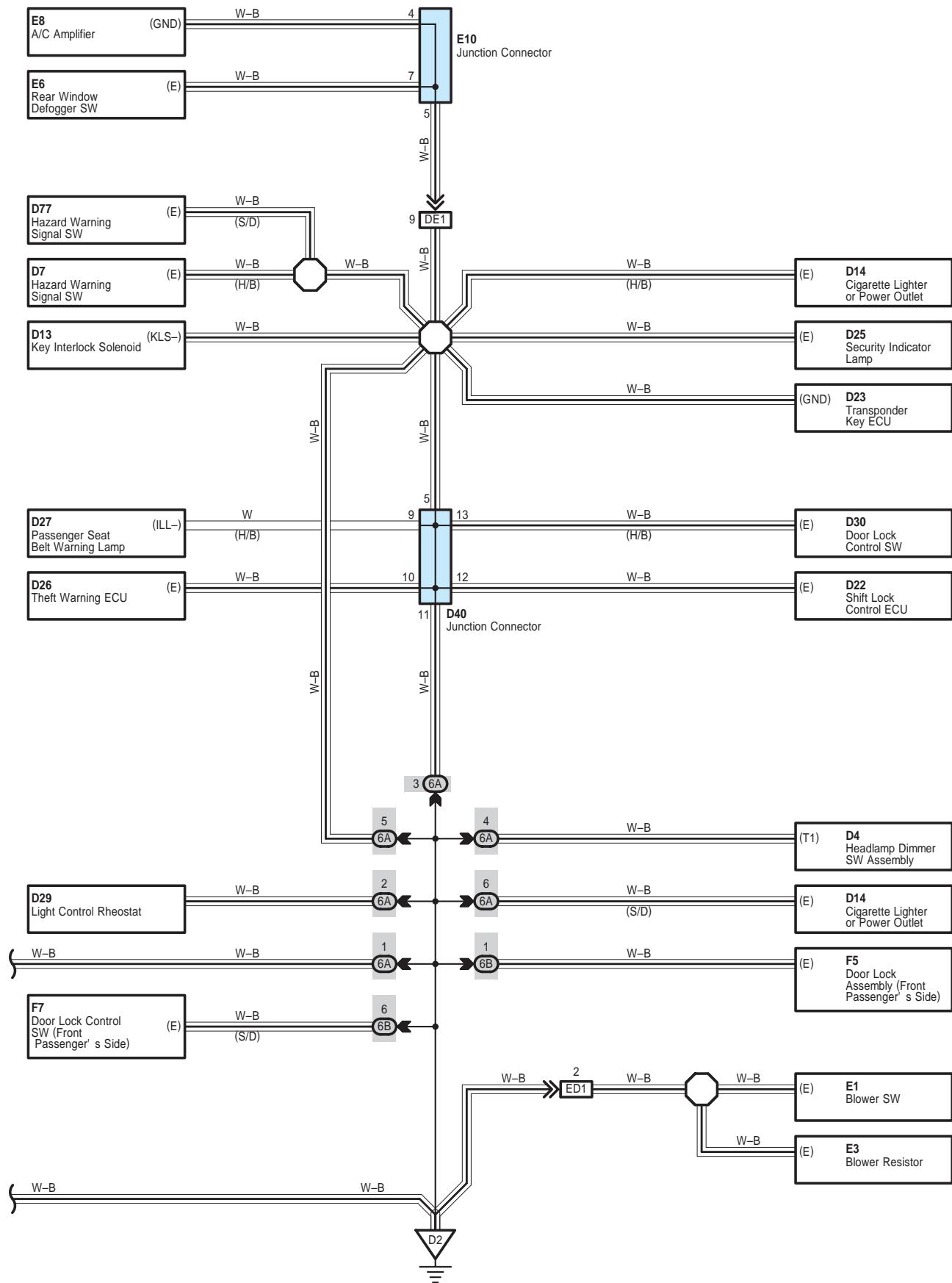
I GROUND POINT



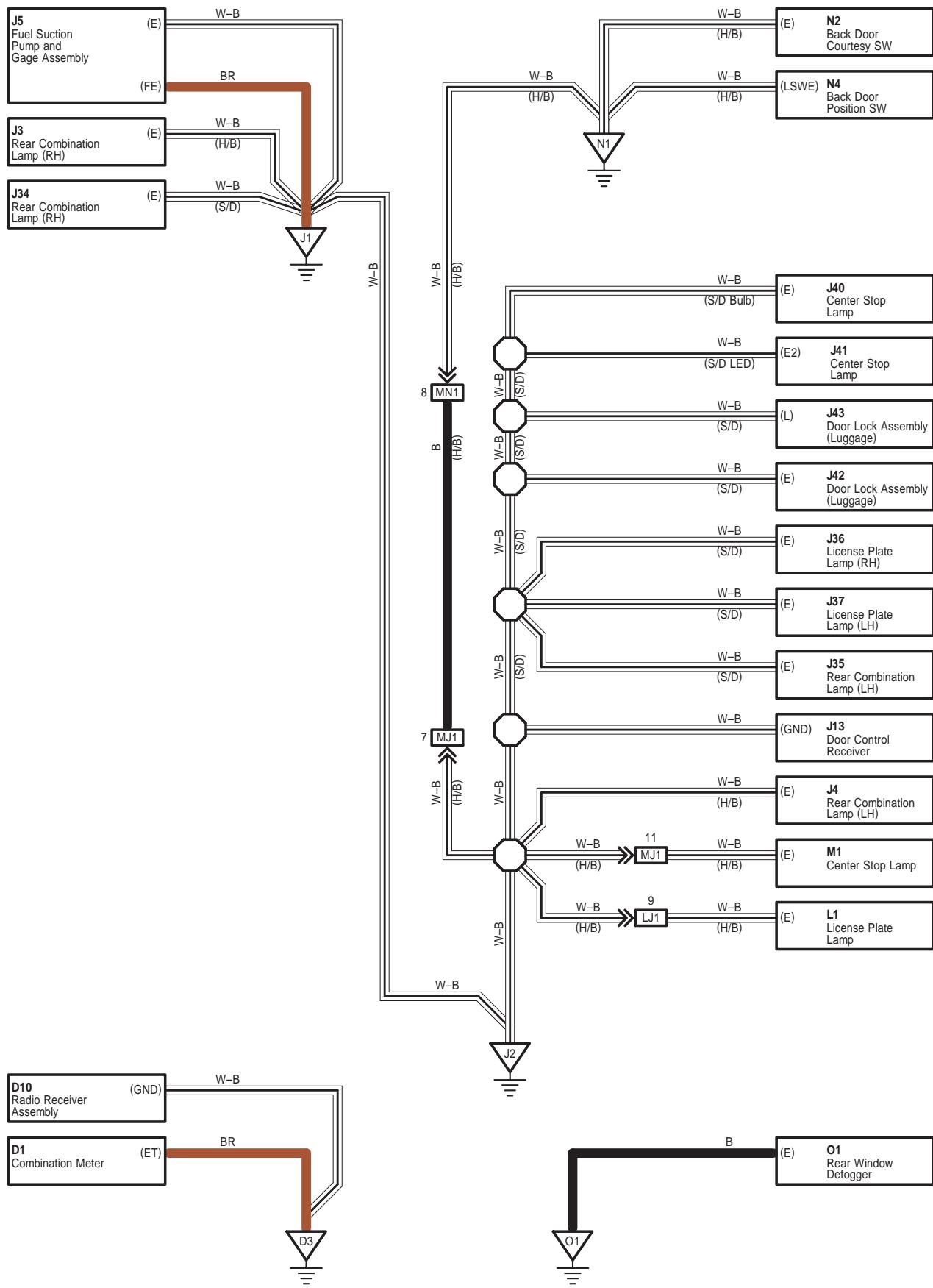


I GROUND POINT





I GROUND POINT



 : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|----------|
| D34 | 53 (S/D) | D40 | 53 (S/D) | E10 | 52 (S/D) |
| D40 | 51 (H/B) | E10 | 50 (H/B) | | |

 : Relay Blocks

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|-------------------------------------------------|
| 1 | 24 | Engine Room R/B (Engine Compartment Left) |
| 2 | 28 | Engine Room R/B No.2 (Engine Compartment Right) |

 : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---------------------------------------------------------------------|
| 1A | 25 | Engine Room Main Wire and Engine Room J/B (Engine Compartment Left) |
| 1B | | |
| 4A | 30 | Floor Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4E | 30 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4K | 30 | Roof Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4M | 31 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 4S | | |
| 5A | 38 | Instrument Panel Wire and J/B No.5 (Left Kick Panel) |
| 5B | 38 | Front Door LH Wire and J/B No.5 (Left Kick Panel) |
| 6A | 40 | Instrument Panel Wire and J/B No.6 (Right Kick Panel) |
| 6B | 40 | Front Door RH Wire and J/B No.6 (Right Kick Panel) |

I GROUND POINT

: Connector Joining Wire Harness and Wire Harness

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-------------|--------------------------------------------------------------------------------|
| AA1 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AA2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD2 | 62 (H/B) | Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AD5 | 62 (H/B) | Engine Room Main Wire and Floor Wire (Instrument Panel Left) |
| | 63 (S/D) | |
| AJ1 | 62 (H/B) | Engine Room Main Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 63 (S/D) | |
| BA1 | 60 (H/B) | Engine Wire and Engine Room Main Wire (Engine Compartment Left) |
| | 61 (S/D) | |
| CA1 | 60 (H/B) | Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center) |
| | 61 (S/D) | |
| CA2 | 60 (H/B) | Instrument Panel No.2 Wire and Instrument Panel Wire (Instrument Panel Left) |
| | 61 (S/D) | |
| DE1 | 62 (H/B) | Rear Door No.1 Wire and Floor Wire (Right Center Pillar) |
| | 63 (S/D) | |
| ED1 | 62 (H/B) | Rear Door No.2 Wire and Floor Wire (Left Center Pillar) |
| | 63 (S/D) | |
| HJ1 | 66 (4-Door) | Floor Wire and Instrument Panel Wire (Instrument Panel Left) |
| IJ1 | 66 (4-Door) | Luggage Room No.2 Wire and Floor Wire (Luggage Room Left) |
| JD1 | 63 (S/D) | Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel) |
| LJ1 | 64 (5-Door) | Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center) |
| | 65 (3-Door) | |
| MJ1 | 64 (5-Door) | Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center) |
| | 65 (3-Door) | |
| MN1 | 64 (5-Door) | Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center) |
| | 65 (3-Door) | |

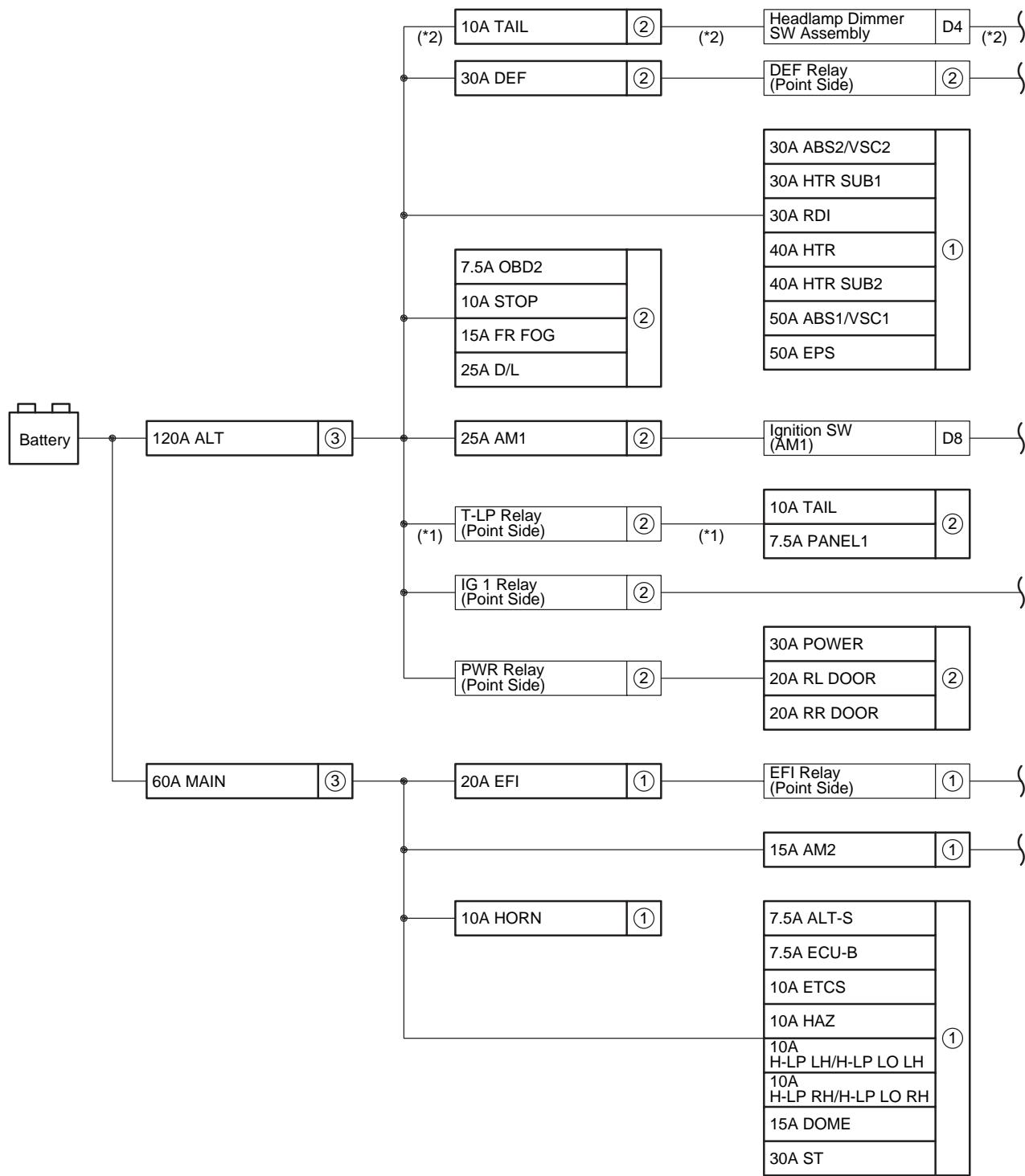


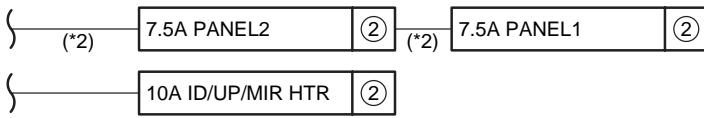
: Ground Points

| Code | See Page | Ground Points Location |
|------|-------------|-------------------------------------|
| A1 | 60 (H/B) | Left Suspension Tower |
| | 61 (S/D) | |
| A2 | 60 (H/B) | Left Cowl Top Side Panel |
| | 61 (S/D) | |
| A3 | 62 (H/B) | Radiator Support Left |
| | 63 (S/D) | |
| B1 | 60 (H/B) | Engine Block Left |
| | 61 (S/D) | |
| C1 | 60 (H/B) | Left Kick Panel |
| | 61 (S/D) | |
| C2 | 60 (H/B) | Right Kick Panel |
| | 61 (S/D) | |
| D1 | 62 (H/B) | Instrument Panel Reinforcement Left |
| | 63 (S/D) | |
| J1 | 64 (5-Door) | Right Rear Quarter Panel |
| | 65 (3-Door) | |
| | 66 (4-Door) | Lower Back Panel Right |
| J2 | 64 (5-Door) | Left Rear Quarter Panel |
| | 65 (3-Door) | |
| | 66 (4-Door) | Lower Back Panel Left |
| N1 | 64 (5-Door) | Back Door Panel Center |
| | 65 (3-Door) | |
| O1 | 64 (5-Door) | Back Door Panel Left |
| | 65 (3-Door) | |
| | 66 (4-Door) | Right Rear Quarter Panel |

J POWER SOURCE (Current Flow Chart)

The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other Parts.





Example



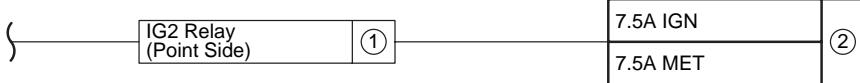
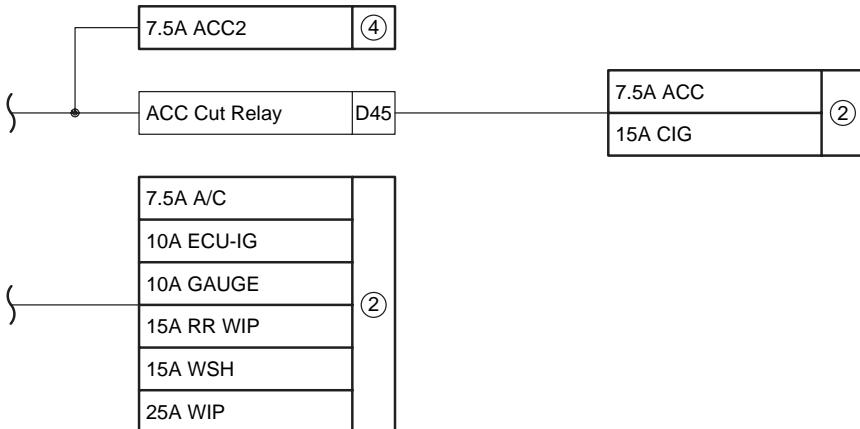
Parts

Code or Location



Location

Electrical Source



* 1:H/B, S/D *3

* 2:Except *1

* 3:Cold Area Spec., w/ Engine Immobiliser System, w/ ABS, w/ Rear Window Defogger,
 w/ Door Lock Control, w/ Daytime Running Light, w/ Remote Control Mirror,
 w/ Air Conditioning

[LOCATION]

(1) : Engine Room R/B and Engine Room J/B (See Page 24)

(2) : Instrument Panel J/B (See Page 30)

(3) : Fusible Link Block (See Page 42)

(4) : Fuse Block (See Page 45)

J POWER SOURCE (Current Flow Chart)

Engine Room R/B and Engine Room J/B (See Page 24)

| Fuse | System | Page |
|------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7.5A | ALT-S | Charging 78 |
| 7.5A | ECU-B | Combination Meter Cruise Control Door Lock Control Electronically Controlled Transmission and A/T Indicator Engine Control Engine Immobiliser System Headlight Interior Light Key Reminder and Light Reminder Power Window Seat Belt Warning SRS Theft Deterrent Wireless Door Lock Control 226 102 184 96 84 110 120 128 150 178 168 159 200 192 |
| | | Engine Control 84 |
| | | Engine Control 84 |
| | | Turn Signal and Hazard Warning Light 124 |
| | | Headlight 120 Theft Deterrent 200 |
| | | Headlight 120 |
| | | Horn 144 Theft Deterrent 200 |
| | | Engine Control 84 Ignition 80 Starting 74 |
| | | Audio System 222 Engine Control 84 Interior Light 128 Theft Deterrent 200 Wireless Door Lock Control 192 |
| | | Cruise Control 102 Electronically Controlled Transmission and A/T Indicator 96 Engine Control 84 |
| 30A | ABS2/VSC2 | ABS 154 |
| 30A | HTR SUB1 | Air Conditioning 238 |
| 30A | RDI | Cooling Fan 234 |
| 30A | ST | Starting 74 |
| 40A | HTR | Air Conditioning 238 |
| 40A | HTR SUB2 | Air Conditioning 238 |
| 50A | ABS1/VSC1 | ABS 154 |

* These are the page numbers of the first page on which the related system is shown.

| Fuse | System | Page |
|------|--------|------|
| 50A | EPS | 174 |

Instrument Panel J/B (See Page 30)

| Fuse | System | Page |
|------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7.5A | A/C | Air Conditioning Rear Window Defogger |
| 7.5A | ACC | Audio System Door Lock Control Interior Light Remote Control Mirror Theft Deterrent Wireless Door Lock Control |
| 7.5A | IGN | Cruise Control Electronically Controlled Transmission and A/T Indicator Engine Control Engine Immobiliser System Seat Belt Warning SRS |
| 7.5A | MET | ABS Audio System Charging Combination Meter Cruise Control Electronically Controlled Transmission and A/T Indicator Engine Control EPS Interior Light Key Reminder and Light Reminder Seat Belt Warning SRS Taillight and Illumination |
| 7.5A | OBD2 | Data Link Connector 3 |
| 7.5A | PANEL1 | Key Reminder and Light Reminder Taillight and Illumination |
| 7.5A | PANEL2 | Key Reminder and Light Reminder Taillight and Illumination |
| 10A | ECU-IG | ABS Audio System Combination Meter Cooling Fan Cruise Control Door Lock Control Electronically Controlled Transmission and A/T Indicator Engine Control |

* These are the page numbers of the first page on which the related system is shown.

J POWER SOURCE (Current Flow Chart)

| Fuse | System | Page |
|------|---------------|----------------------------------------------------------|
| 10A | ECU-IG | EPS |
| | | Headlight |
| | | Power Window |
| | | Theft Deterrent |
| | | Wireless Door Lock Control |
| 10A | GAUGE | Air Conditioning |
| | | Back-Up Light |
| | | Charging |
| | | Cruise Control |
| | | Electronically Controlled Transmission and A/T Indicator |
| | | Rear Window Defogger |
| | | Seat Belt Warning |
| | | Shift Lock |
| | | SRS |
| | | Taillight and Illumination |
| 10A | ID/UP/MIR HTR | Turn Signal and Hazard Warning Light |
| | | Engine Control |
| 10A | STOP | ABS |
| | | Cruise Control |
| | | Electronically Controlled Transmission and A/T Indicator |
| | | Engine Control |
| | | Shift Lock |
| | | Stop Light |
| 10A | TAIL | Engine Control |
| | | Key Reminder and Light Reminder |
| | | Taillight and Illumination |
| 15A | CIG | Cigarette Lighter/Power Outlet |
| 15A | FR FOG | Front Fog Light |
| | | Headlight |
| 15A | RR WIP | Rear Wiper and Washer |
| 15A | WSH | Front Wiper and Washer |
| | | Rear Wiper and Washer |
| 20A | RL DOOR | Power Window |
| 20A | RR DOOR | Power Window |
| 20A | WIP | Front Wiper and Washer |
| 25A | D/L | Door Lock Control |
| | | Interior Light |
| | | Theft Deterrent |
| | | Wireless Door Lock Control |
| 30A | DEF | Engine Control |
| | | Rear Window Defogger |
| 30A | POWER | Power Window |

* These are the page numbers of the first page on which the related system is shown.

Fusible Link Block (See Page 42)

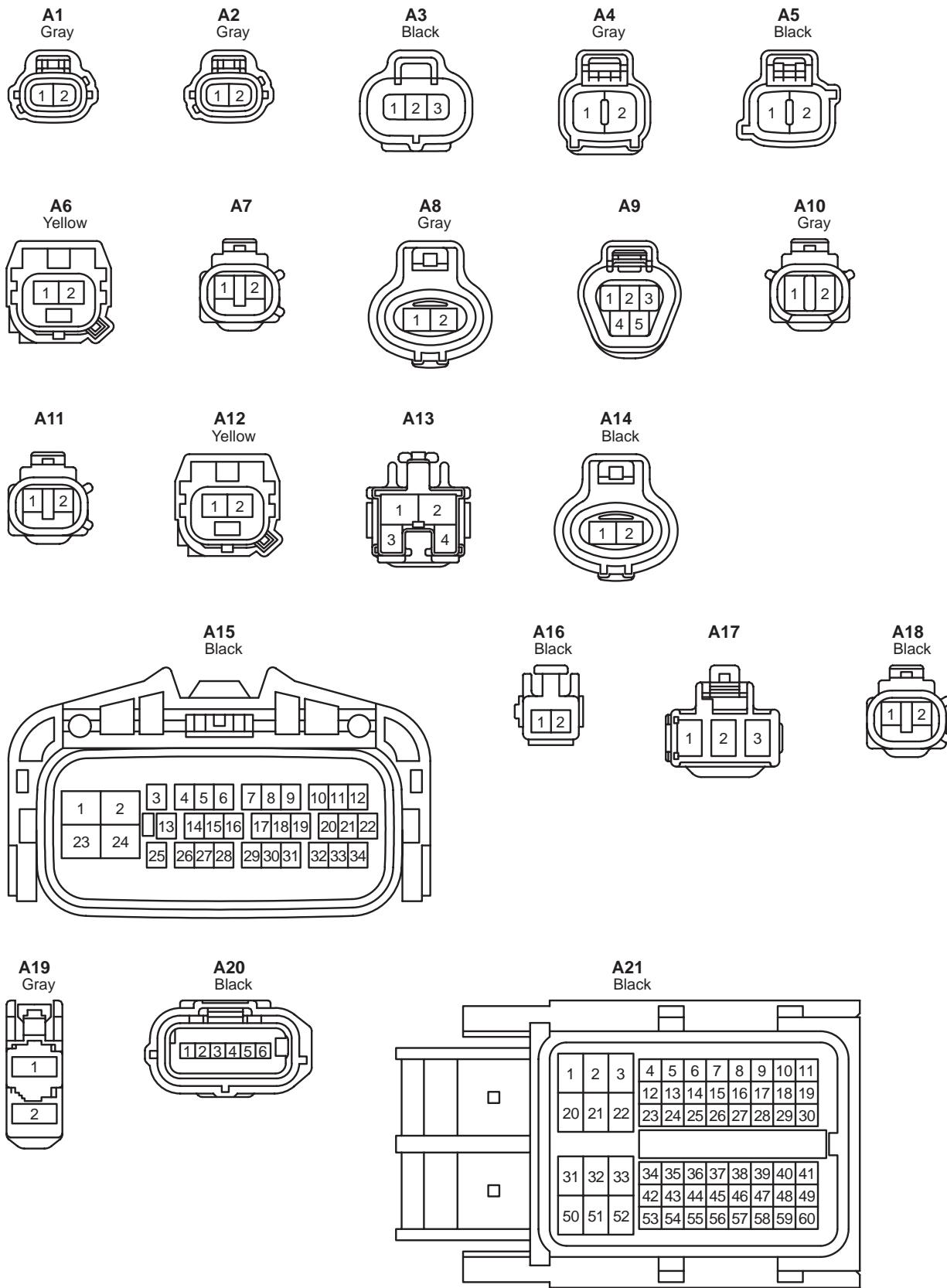
| Fuse | | System | Page |
|------|-----|-------------------------------------------------------------------------------------------------------------|-------------------------------|
| 120A | ALT | Charging Engine Control Key Reminder and Light Reminder Power Window Taillight and Illumination | 78 84 150 178 134 |

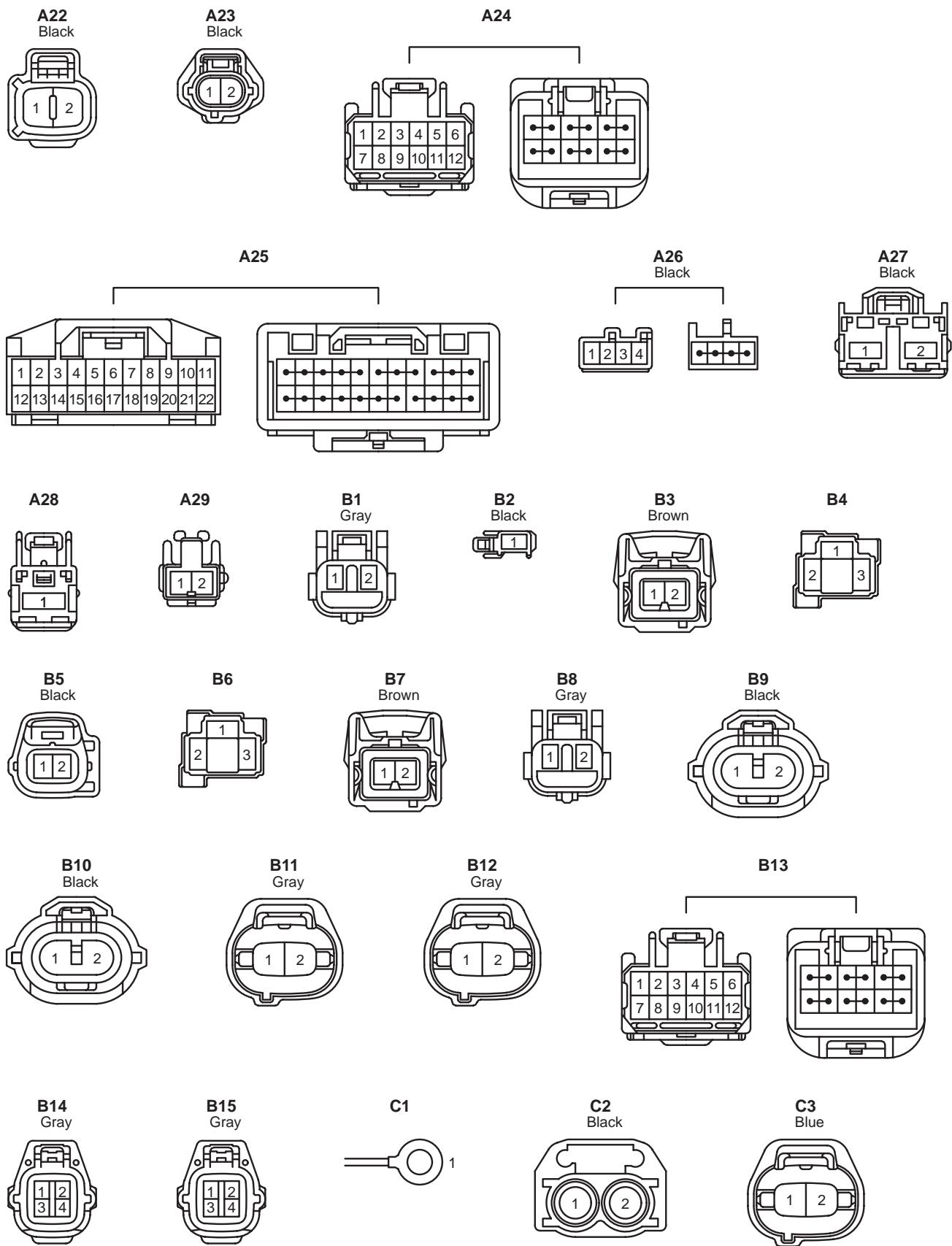
Fuse Block (See Page 45)

| Fuse | | System | Page |
|------|------|------------|------|
| 7.5A | ACC2 | Shift Lock | 214 |

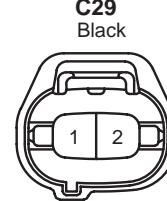
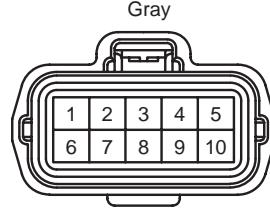
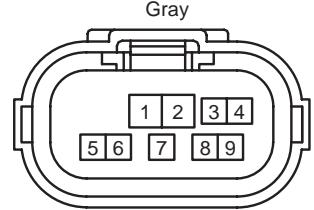
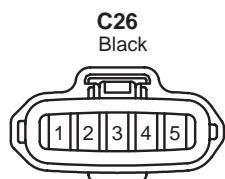
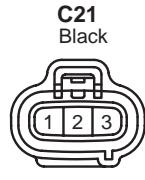
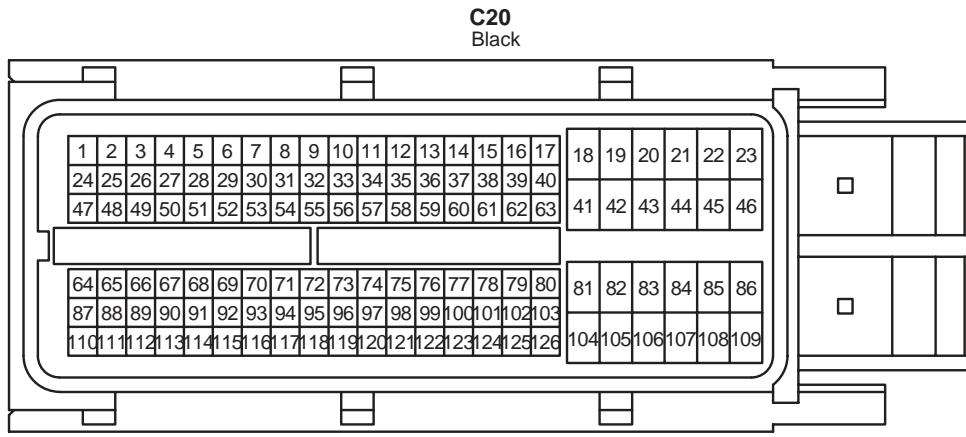
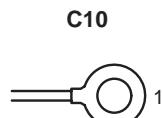
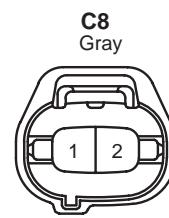
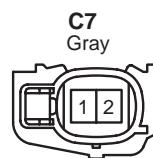
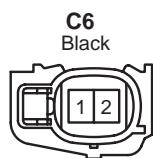
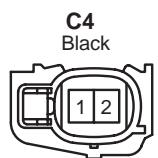
* These are the page numbers of the first page on which the related system is shown.

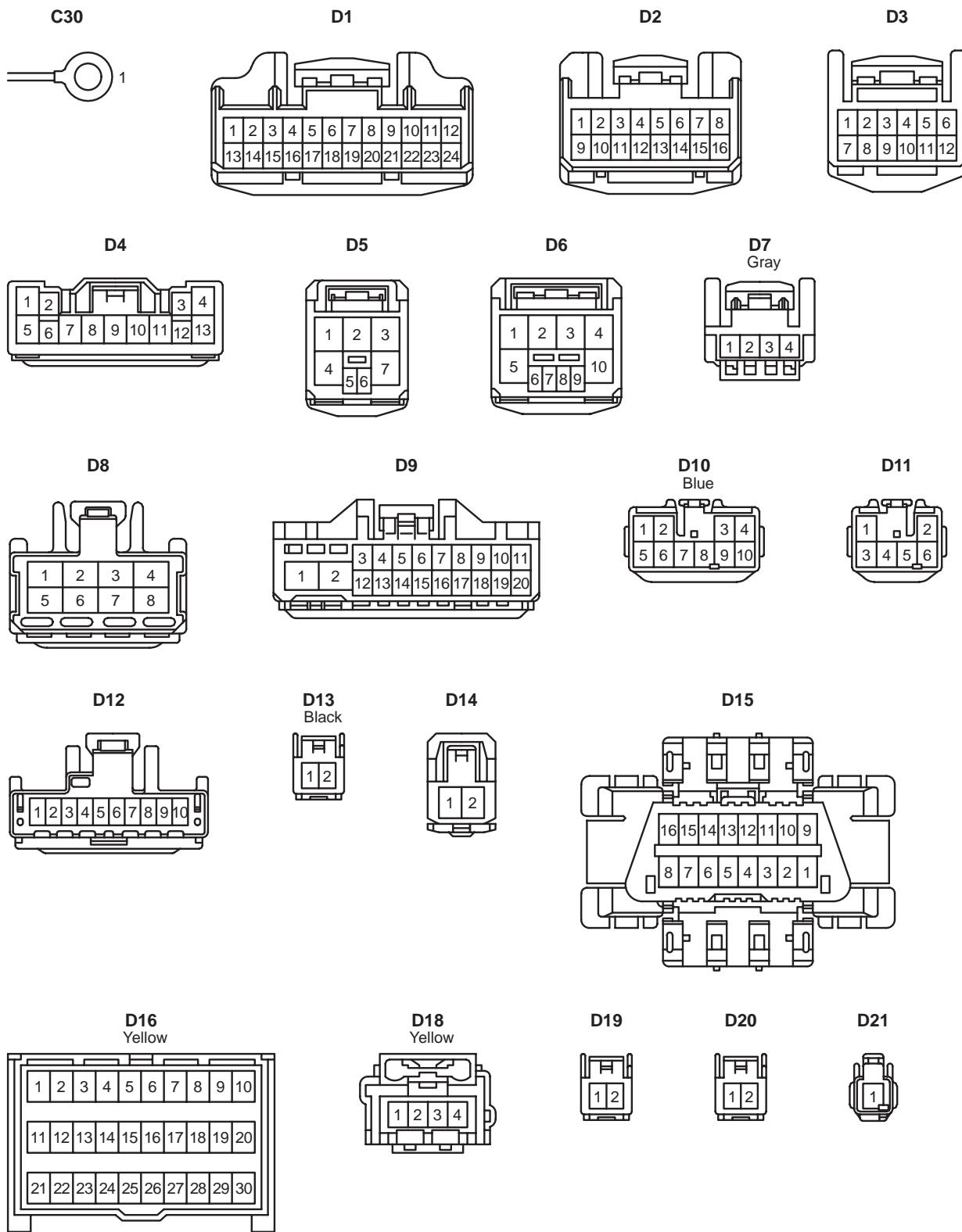
K CONNECTOR LIST





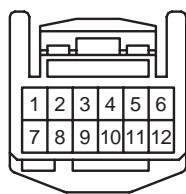
K CONNECTOR LIST



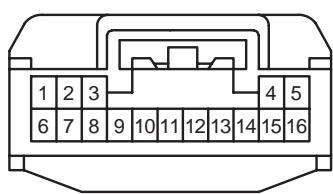


K CONNECTOR LIST

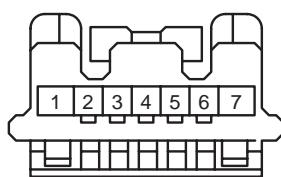
D22



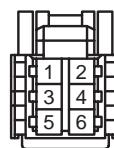
D23



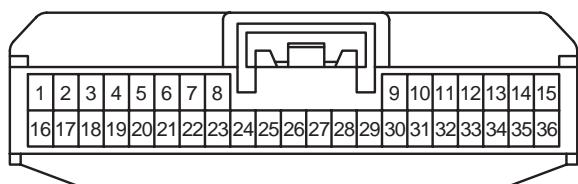
D24
Black



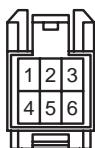
D25
Black



D26



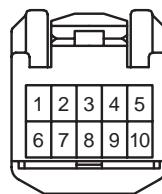
D27



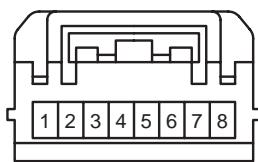
D28
Dark Gray



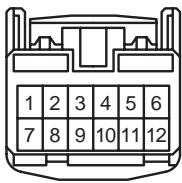
D29



D30



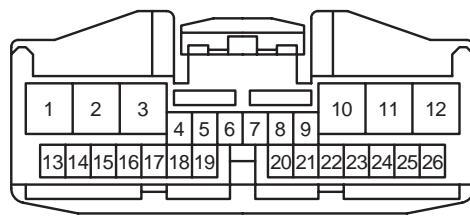
D31



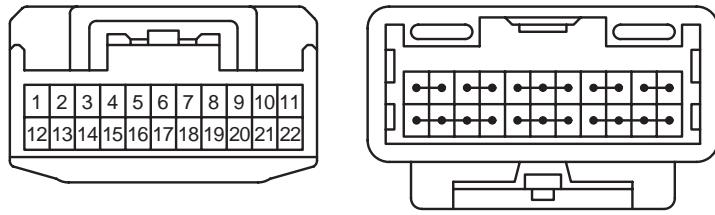
D32



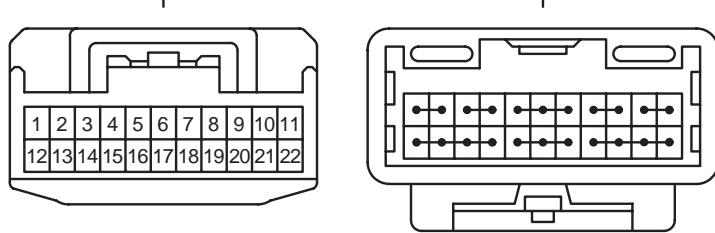
D33



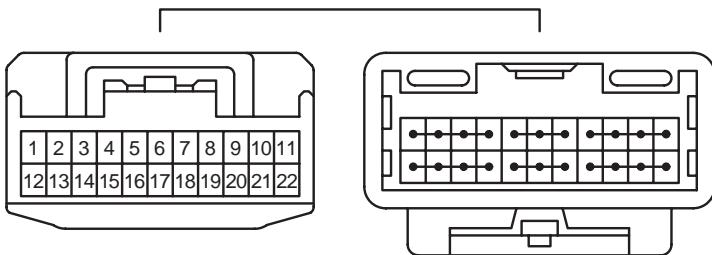
D34



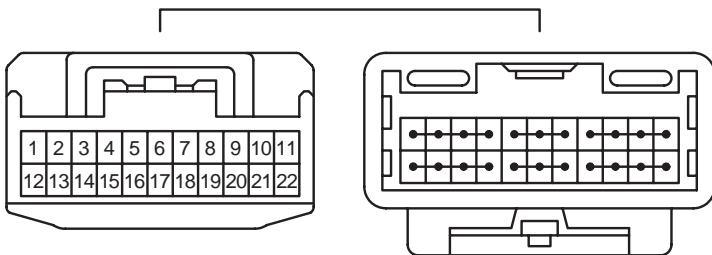
D35



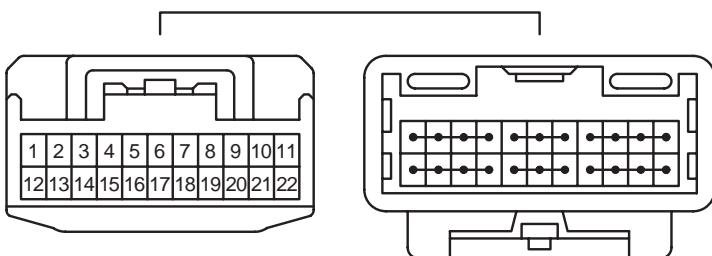
D36



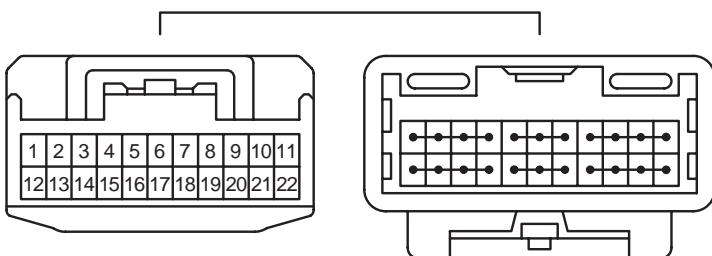
D37



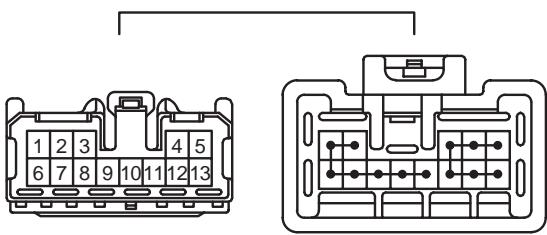
D38



D39

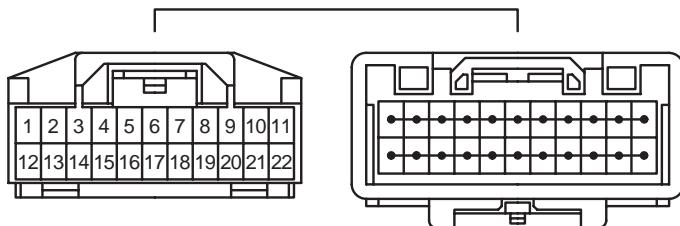


D40

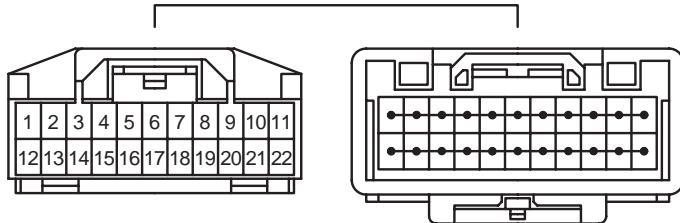


K CONNECTOR LIST

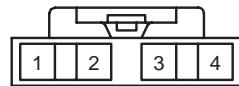
D41



D42



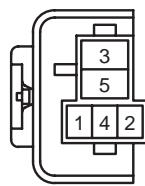
D43



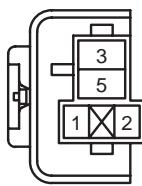
D44
Black



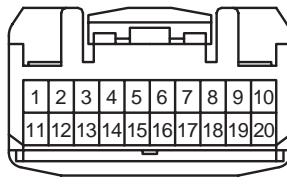
D45
Gray



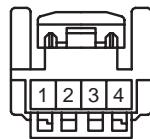
D46



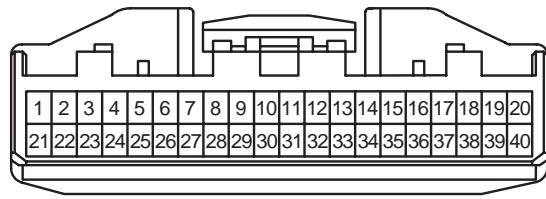
D74



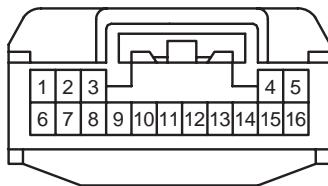
D75
Gray



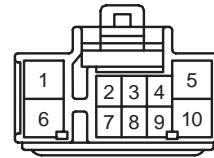
D76



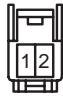
D77



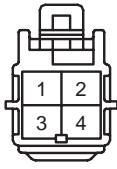
E1



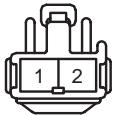
E2



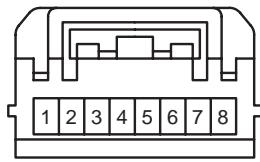
E3
Black



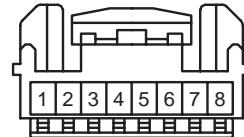
E4
Black



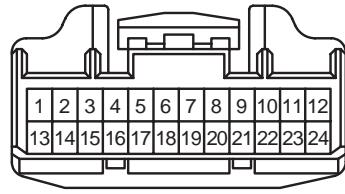
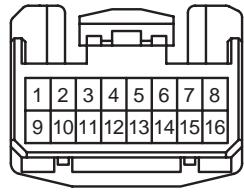
E5



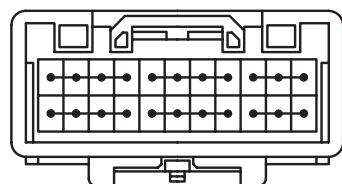
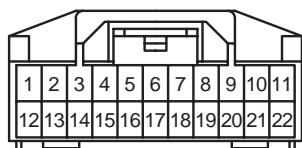
E6



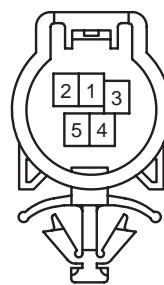
E8



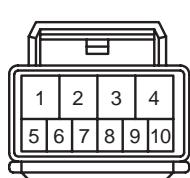
E10



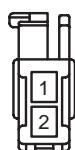
F1



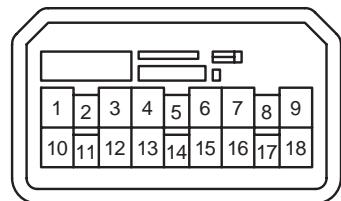
F4



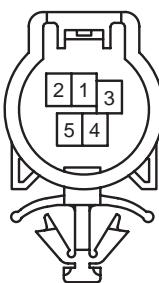
F6



G1



G2



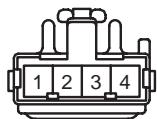
G4



G6



G7



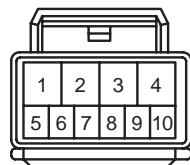
H1



H2



H3



H4



I1



I2



I3



I4



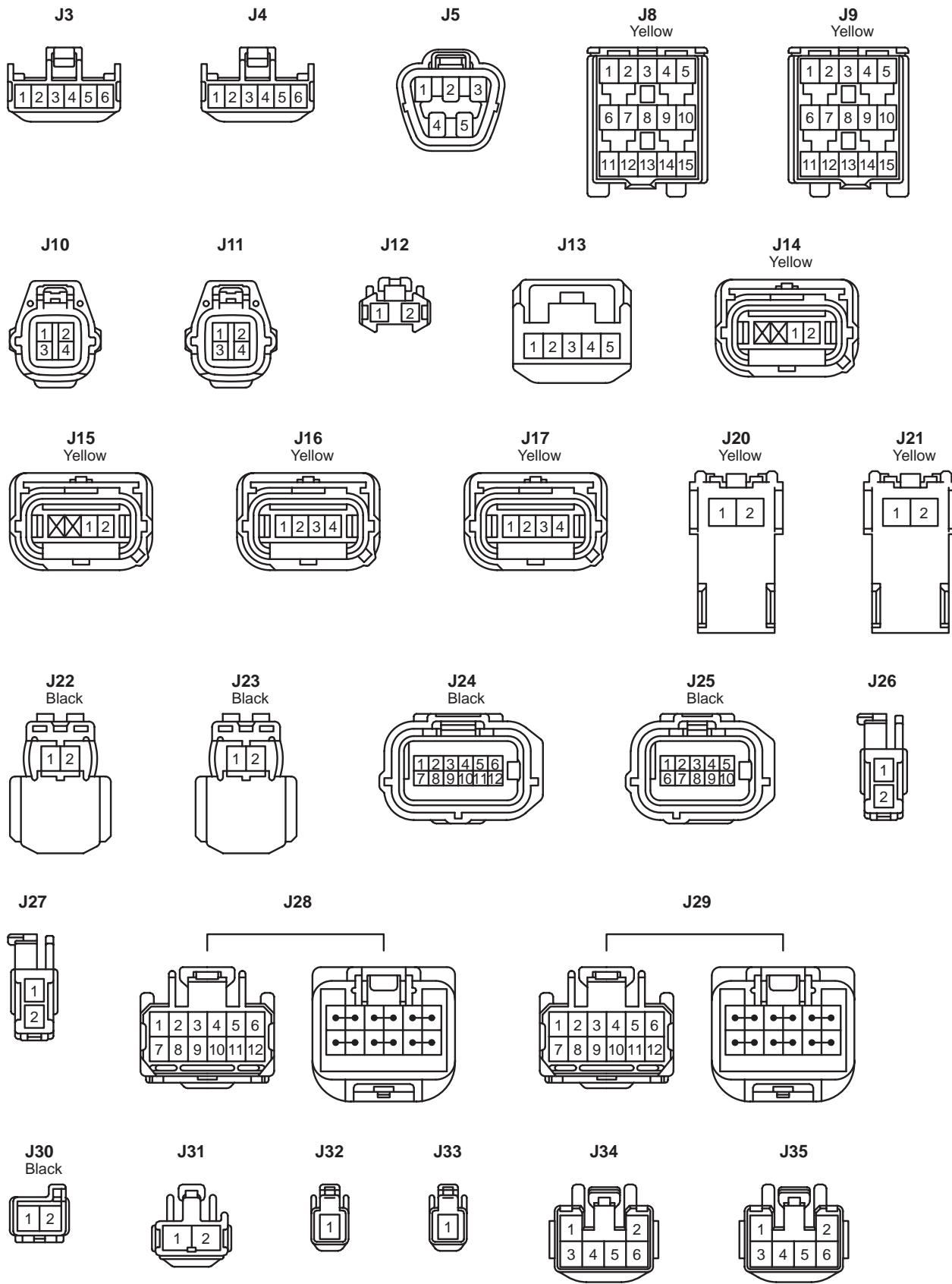
J1

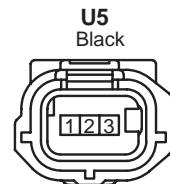
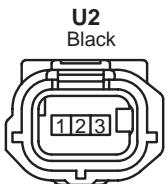
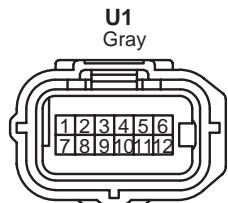
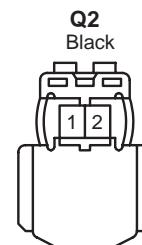
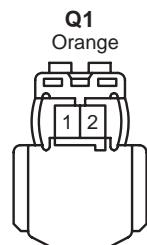
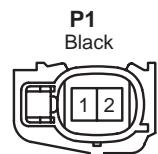
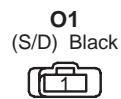
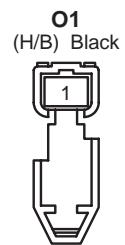
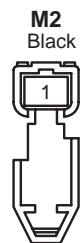
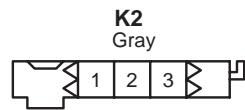
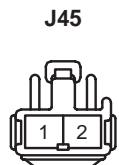
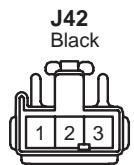
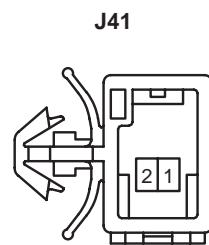
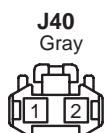
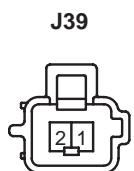
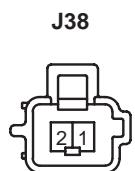
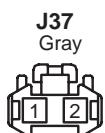
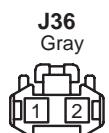


J2

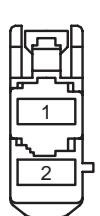
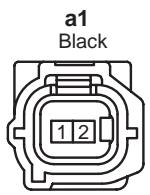
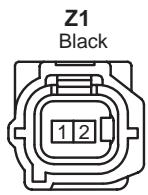
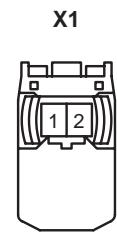
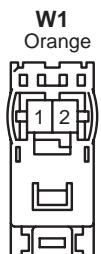
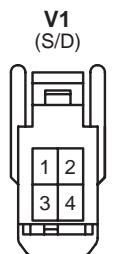
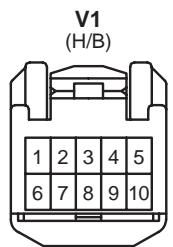


K CONNECTOR LIST

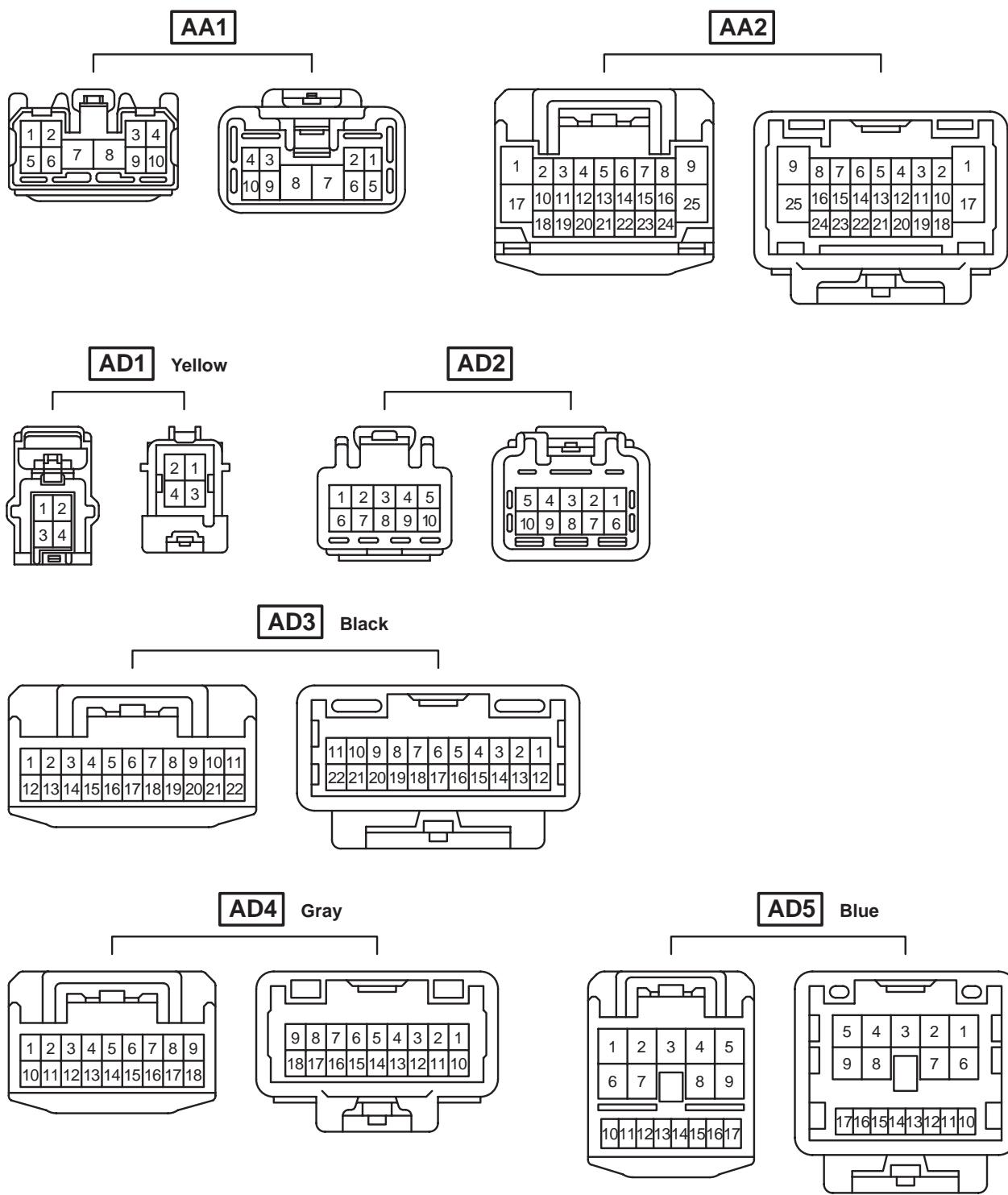


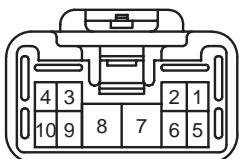
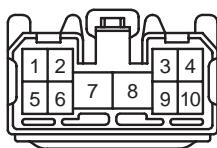
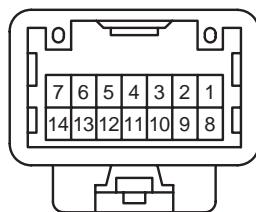
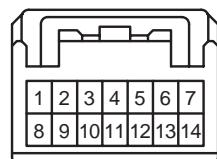
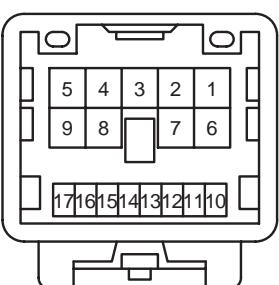
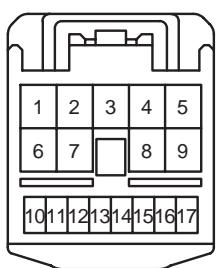
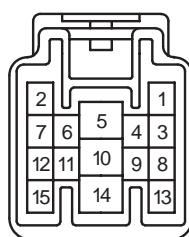
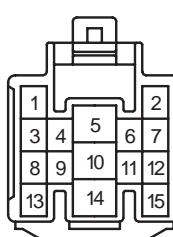
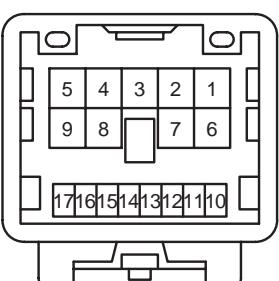
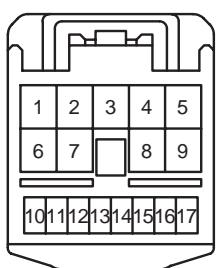
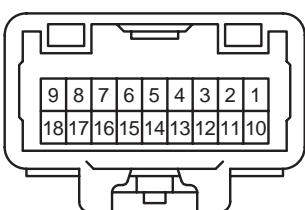
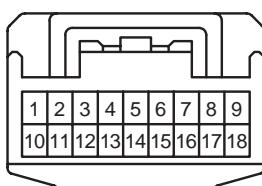
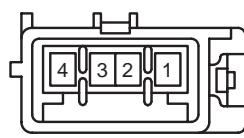
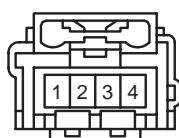


K CONNECTOR LIST

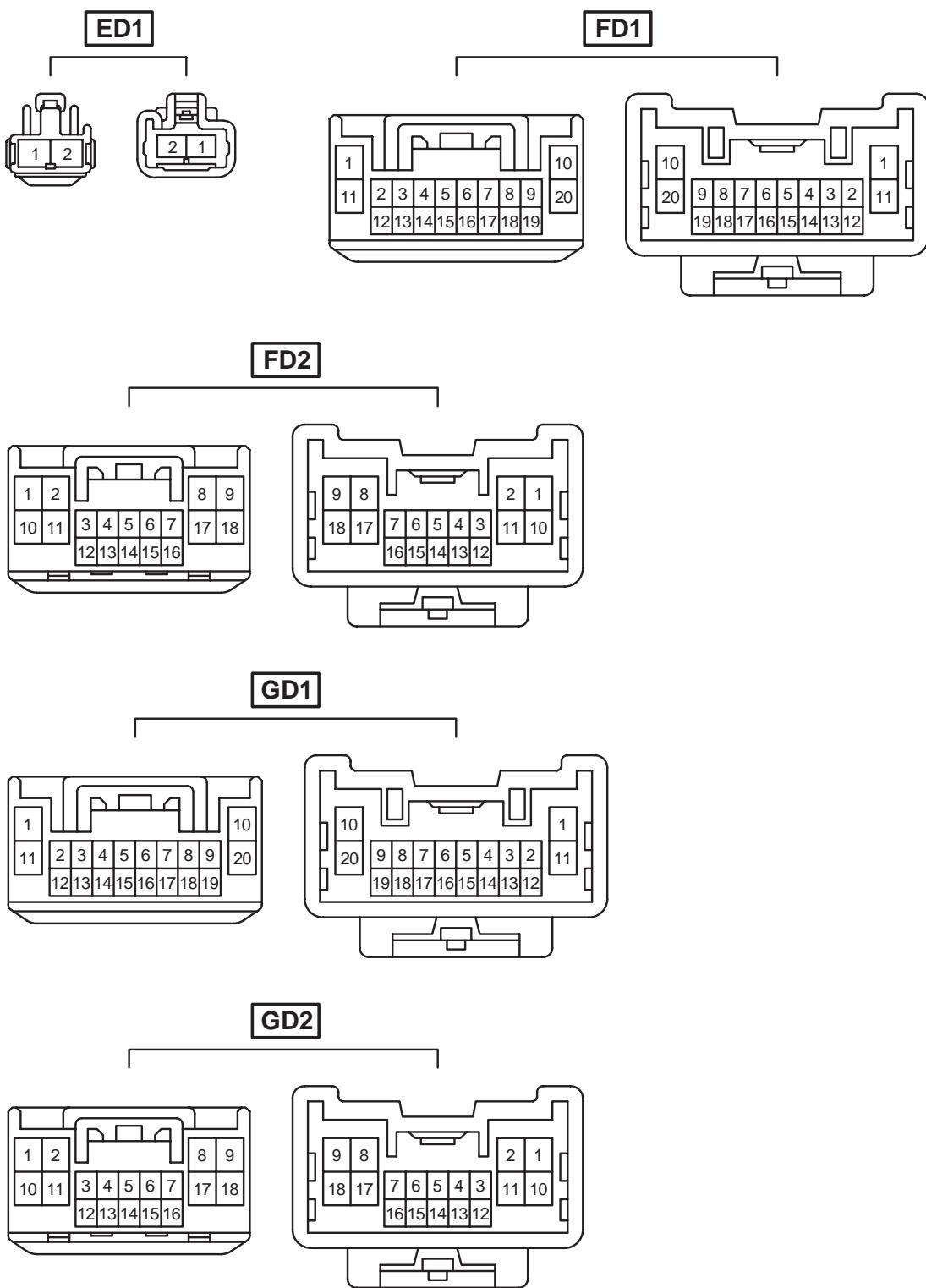


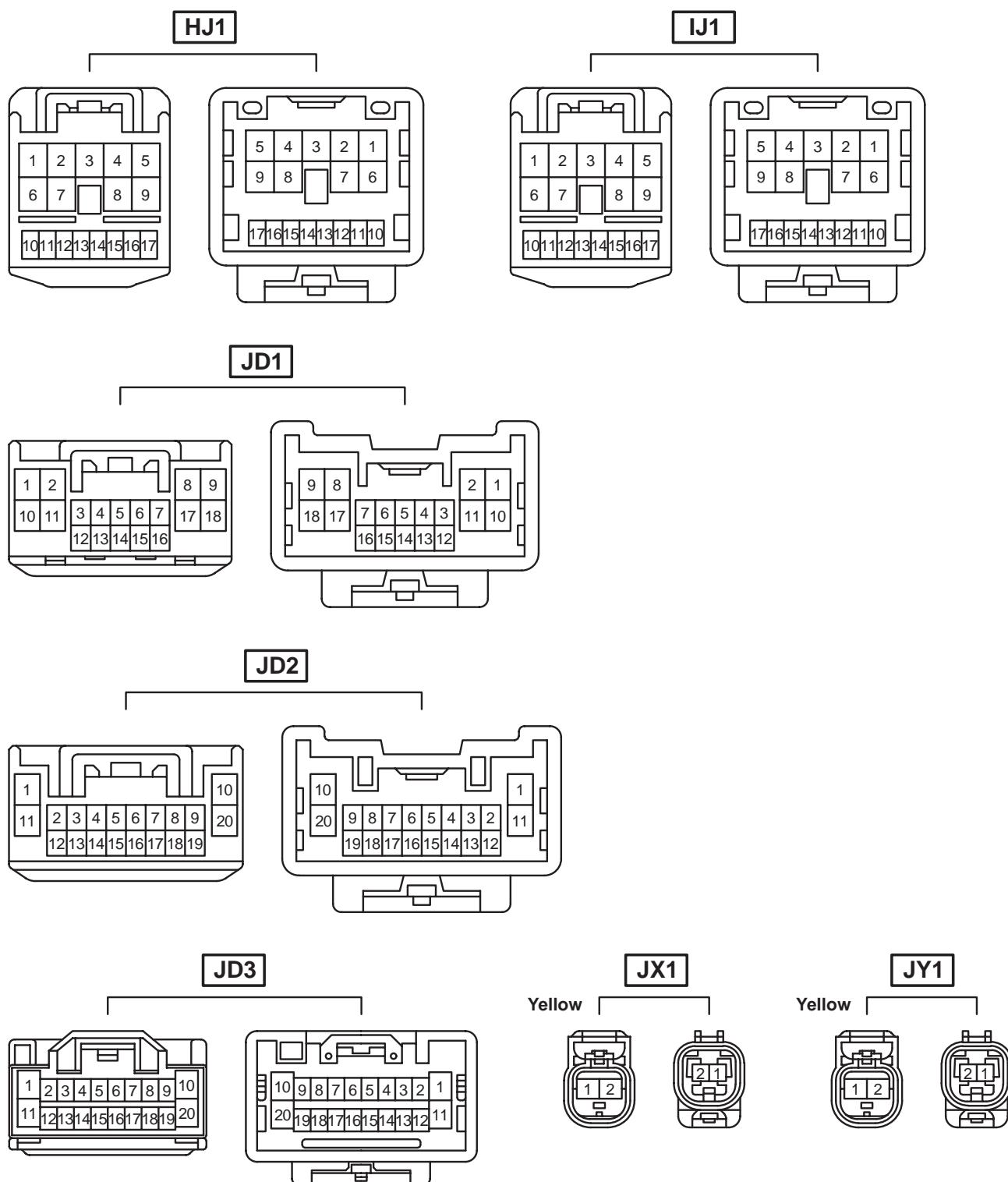
K CONNECTOR LIST



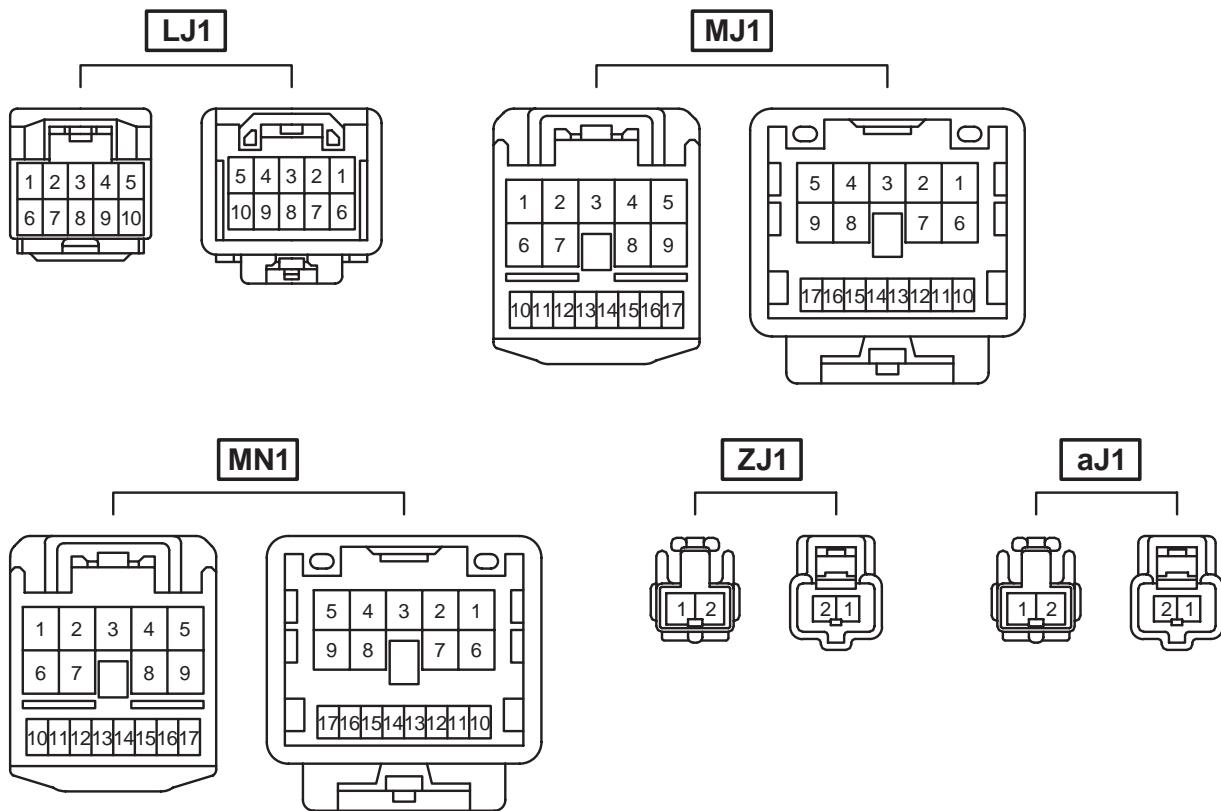
AE1**AJ1****BA1****CA1****CA2****CP1 Gray****DE1****DQ1 Yellow**

K CONNECTOR LIST





K CONNECTOR LIST



L PART NUMBER OF CONNECTORS

| Code | Part Name | Part Number | Code | Part Name | Part Number |
|------|------------------------------------------------|-------------|------|-------------------------------------------------|-------------|
| A1 | Turn Signal Lamp (Front Side RH) | 90980-11162 | C2 | Crankshaft Position Sensor | 90980-12028 |
| A2 | Turn Signal Lamp (Front Side LH) | | C3 | VSV (Purge) | 90980-11156 |
| A3 | A/C Pressure Sensor | 90980-10845 | C4 | Fuel Injector (No.1) | 90980-11875 |
| A4 | Rear Washer Motor | 90980-11051 | C5 | Fuel Injector (No.2) | |
| A5 | Windshield Washer Motor | 90980-11019 | C6 | Fuel Injector (No.3) | |
| A6 | Airbag Sensor (Front RH) | 90980-12490 | C7 | Fuel Injector (No.4) | |
| A7 | Speed Sensor (Front RH) | 90980-11003 | C8 | A/C Compressor | 90980-11156 |
| A8 | Cooling Fan Motor | 90980-10928 | C9 | Generator | 90980-11964 |
| A9 | Windshield Wiper Motor | 90980-11599 | C10 | Generator | 90980-09373 |
| A10 | Brake Fluid Level Warning SW | 90980-11207 | C11 | Ignition Coil (No.1) | 90980-11885 |
| A11 | Speed Sensor (Front LH) | 90980-11003 | C12 | Ignition Coil (No.2) | |
| A12 | Airbag Sensor (Front LH) | 90980-12490 | C13 | Ignition Coil (No.3) | |
| A13 | Stop Lamp SW | 90980-11118 | C14 | Ignition Coil (No.4) | |
| A14 | Radiator Fan Resistor | 90980-10928 | C15 | Starter | 90980-11400 |
| A15 | Skid Control ECU with Actuator | 90980-12020 | C16 | Engine Oil Pressure SW | 90980-11363 |
| A16 | Clutch Start SW | 90980-10825 | C17 | Throttle Body Assembly | 90980-11858 |
| A17 | PTC Heater | 90980-10956 | C18 | Camshaft Position Sensor | 90980-10947 |
| A18 | Engine Hood Courtesy SW | 90980-11003 | C19 | Engine Coolant Temp. Sensor | 90980-10735 |
| A19 | Power Steering ECU | 90980-12300 | C20 | Engine Control Module | 90980-12399 |
| A20 | Accelerator Position Sensor | 90980-12303 | C21 | Speed Sensor | 90980-11143 |
| A21 | Engine Control Module | 90980-12462 | C22 | Back-Up Lamp SW | 90980-11051 |
| A22 | Water Level Warning SW | 90980-11068 | C23 | Air Fuel Ratio Sensor (Bank 1 Sensor 1) | 90980-10869 |
| A23 | Security Horn | 90980-11235 | C24 | Camshaft Timing Oil Control Valve | 90980-11162 |
| A24 | Junction Connector | 90980-11661 | C25 | Noise Filter | 90980-10843 |
| A25 | Junction Connector | 90980-11915 | C26 | Mass Air Flow Meter | 90980-11317 |
| A26 | Junction Connector | 90980-11398 | C27 | Park/Neutral Position SW | 90980-12362 |
| A27 | Fusible Link Block | 90980-11996 | C28 | Electronically Controlled Transmission Solenoid | 90980-11658 |
| A28 | Fusible Link Block | 90980-11775 | C29 | Speed Sensor (Turbine) | 90980-11156 |
| A29 | Cruise Control Clutch SW | 90980-10906 | C30 | Fusible Link Block | 90980-09223 |
| B1 | Turn Signal Lamp (Front RH) | 82824-52130 | D1 | Combination Meter | 90980-12200 |
| B2 | Horn | 90980-10619 | D2 | Combination Meter | 90980-12155 |
| B3 | Parking Lamp (RH) | 90080-98298 | D3 | Spiral Cable | 90980-12183 |
| B4 | Headlamp (RH) | 90980-11314 | D4 | Headlamp Dimmer SW Assembly | 90980-12007 |
| B5 | Ambient Temp. Sensor | 90980-11070 | D5 | Windshield Wiper SW Assembly | 90980-12358 |
| B6 | Headlamp (LH) | 90980-11314 | D6 | Windshield Wiper SW Assembly | 90980-12359 |
| B7 | Parking Lamp (LH) | 90080-98298 | D7 | Hazard Warning Signal SW | 82824-21030 |
| B8 | Turn Signal Lamp (Front LH) | 82824-52130 | D8 | Ignition SW | 90980-11615 |
| B9 | Fog Lamp (Front RH) | | D9 | Running Light Relay | 90980-12034 |
| B10 | Fog Lamp (Front LH) | 82824-60460 | D10 | Radio Receiver Assembly | 90980-10997 |
| B11 | Side Marker Lamp (Front RH) | 90980-11156 | D11 | Radio Receiver Assembly | 90980-10996 |
| B12 | Side Marker Lamp (Front LH) | | D12 | Outer Mirror SW | 90980-11657 |
| B13 | Junction Connector | 90980-11661 | D13 | Key Interlock Solenoid | 90980-12063 |
| B14 | Turn Signal, Side Marker and Parking Lamp (RH) | 90980-10942 | D14 | Cigarette Lighter or Power Outlet | 90980-12498 |
| B15 | Turn Signal, Side Marker and Parking Lamp (LH) | | D15 | Data Link Connector 3 | 90980-11978 |
| C1 | Starter | 90980-09640 | D16 | Airbag Sensor Assembly Center | 90980-12391 |

Note: Not all of the above part numbers of the connector are established for the supply.

| Code | Part Name | Part Number | Code | Part Name | Part Number |
|------|---------------------------------------------|-------------|------|-----------------------------------------------|-------------|
| D18 | Spiral Cable | 90980-12160 | F6 | Speaker (Front Door RH) | 90980-10935 |
| D19 | Unlock Warning SW | 90980-12063 | F7 | Door Lock Control SW (Front Passenger's Side) | 90980-11013 |
| D20 | A/T Shift Lever Illumination | | G1 | Power Window Master SW | 90980-12122 |
| D21 | Parking Brake SW | 90980-10871 | G2 | Outer Rear View Mirror (LH) | 90980-12189 |
| D22 | Shift Lock Control ECU | 90980-12183 | G4 | Power Window Regulator Motor (Front LH) | 90980-10797 |
| D23 | Transponder Key ECU | 90980-12423 | G5 | Door Lock Assembly (Driver's Side) | 90980-12226 |
| D24 | Transponder Key Amplifier | 90980-12092 | G6 | Speaker (Front Door LH) | 90980-10935 |
| D25 | Security Indicator Lamp | 90980-12056 | G7 | Door Lock Control SW (Driver's Side) | 90980-11013 |
| D26 | Theft Warning ECU | 90980-12564 | H1 | Power Window SW (Rear RH) | 90980-10631 |
| D27 | Passenger Seat Belt Warning Lamp | 90980-12012 | H2 | Power Window Regulator Motor (Rear RH) | 90980-10797 |
| D28 | Oxygen Sensor (Bank 1 Sensor 2) | 90980-11028 | H3 | Door Lock Assembly (Rear RH) | 90980-12226 |
| D29 | Light Control Rheostat | 90980-12361 | H4 | Speaker (Rear RH) | 90980-10935 |
| D30 | Door Lock Control SW | 90980-12550 | I1 | Power Window SW (Rear LH) | 90980-10631 |
| D31 | Power Steering ECU | 90980-12290 | I2 | Power Window Regulator Motor (Rear LH) | 90980-10797 |
| D32 | Antenna Amplifier | 90980-10871 | I3 | Door Lock Assembly (Rear LH) | 90980-12226 |
| D33 | Main Body ECU | 90980-12203 | I4 | Speaker (Rear LH) | 90980-10935 |
| D34 | Junction Connector | 90980-12372 | J1 | Door Courtesy SW (Front RH) | 82824-52010 |
| D35 | Junction Connector | | J2 | Door Courtesy SW (Front LH) | |
| D36 | Junction Connector | | J3 | Rear Combination Lamp (RH) | 90980-10957 |
| D37 | Junction Connector | | J4 | Rear Combination Lamp (LH) | |
| D38 | Junction Connector | | J5 | Fuel Suction Pump and Gage Assembly | 90980-11077 |
| D39 | Junction Connector | | J8 | Airbag Sensor Assembly Center | 90980-12449 |
| D40 | Junction Connector | 90980-11542 | J9 | Airbag Sensor Assembly Center | 90980-12450 |
| D41 | Junction Connector | 90980-11915 | J10 | Front Seat Inner Belt (Driver's Side) | 90980-10942 |
| D42 | Junction Connector | | J11 | Front Seat Inner Belt Assembly (Front RH) | |
| D43 | Fuse Block | 82610-52010 | J12 | Room Lamp (Luggage) | 90980-11148 |
| D44 | Diode (Starter) | 90980-10962 | J13 | Door Control Receiver | 90980-12366 |
| D45 | ACC Cut Relay | 82660-52040 | J14 | Airbag Sensor (Rear RH) | 90980-12352 |
| D46 | Front Fog Light Relay | 82660-52030 | J15 | Airbag Sensor (Rear LH) | |
| D74 | Radio Receiver Assembly | 90980-12259 | J16 | Side Airbag Sensor (RH) | 90980-12225 |
| D75 | Stereo Jack Adapter | 82824-21030 | J17 | Side Airbag Sensor (LH) | |
| D76 | Combination Meter | 90980-12557 | J20 | Pretensioner (RH) | 90980-12253 |
| D77 | Hazard Warning Signal SW | 90980-12423 | J21 | Pretensioner (LH) | |
| E1 | Blower SW | 90980-10993 | J22 | Curtain Shield Airbag Squib (RH) | 90980-12575 |
| E2 | A/C Thermistor No.1 | 90980-11918 | J23 | Curtain Shield Airbag Squib (LH) | |
| E3 | Blower Resistor | 90980-11136 | J24 | Occupant Classification ECU | 90980-12356 |
| E4 | Blower Motor | 90980-10916 | J25 | Canister Pump Module | 90980-12380 |
| E5 | A/C SW | 90980-12550 | J26 | Speaker (Rear RH) | 90980-10935 |
| E6 | Rear Window Defogger SW | 90980-12217 | J27 | Speaker (Rear LH) | |
| E8 | A/C Amplifier | 90980-12155 | J28 | Junction Connector | 90980-11661 |
| E9 | A/C Amplifier | 90980-12200 | J29 | Junction Connector | |
| E10 | Junction Connector | 90980-11915 | J30 | Diode (Room Lamp) | 90980-10962 |
| F1 | Power Window SW (Front RH) | 90980-10789 | J31 | Noise Filter | 90980-10916 |
| F2 | Outer Rear View Mirror (RH) | 90980-12189 | J32 | Door Courtesy SW (Rear RH) | 82824-52010 |
| F4 | Power Window Regulator Motor (Front RH) | 90980-10797 | J33 | Door Courtesy SW (Rear LH) | |
| F5 | Door Lock Assembly (Front Passenger's Side) | 90980-12226 | | | |

L PART NUMBER OF CONNECTORS

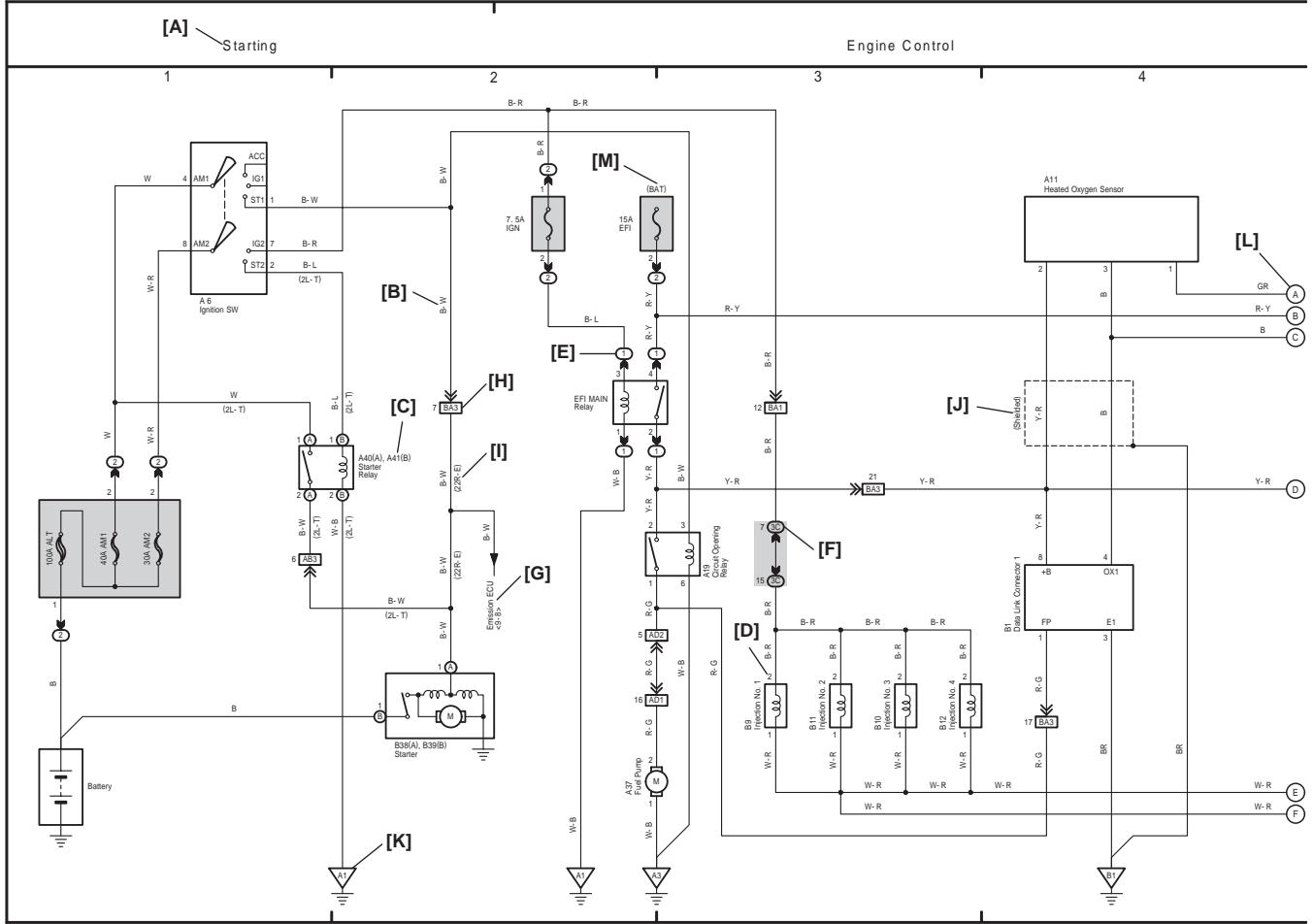
| Code | Part Name | Part Number | Code | Part Name | Part Number |
|------|--------------------------------------------------|-------------|------|--------------------------------------------------|-------------|
| J34 | Rear Combination Lamp (RH) | 82824-52050 | Q2 | Airbag Squib (Front Passenger's Airbag Assembly) | 90980-12575 |
| J35 | Rear Combination Lamp (LH) | | U1 | Occupant Classification ECU | 90980-12357 |
| J36 | License Plate Lamp (RH) | 90980-11148 | U2 | Occupant Classification Sensor (Front LH) | 90980-12353 |
| J37 | License Plate Lamp (LH) | | U3 | Occupant Classification Sensor (Rear LH) | |
| J38 | Speaker (Rear RH) | 90980-11299 | U4 | Occupant Classification Sensor (Front RH) | |
| J39 | Speaker (Rear LH) | | U5 | Occupant Classification Sensor (Rear RH) | |
| J40 | High Mounted Stop Light | 90980-11148 | V1 | Cruise Control SW (S/D) | 90980-12360 |
| J41 | High Mounted Stop Light | 90980-11967 | | Spiral Cable (H/B) | 90980-12361 |
| J42 | Door Lock Assembly (Luggage) | 90980-10908 | | Spiral Cable (S/D) | 90980-12360 |
| J43 | Door Lock Assembly (Luggage) | 90980-11212 | | Steering Pad SW (H/B) | 90980-12361 |
| J44 | Rear Window Defogger | 90980-10913 | | Steering Pad SW (S/D) | 90980-12360 |
| J45 | Noise Filter | 90980-10916 | W1 | Airbag Squib (Steering Wheel Pad) | 90980-12224 |
| K1 | Map Lamp | 90980-11212 | | Spiral Cable | |
| K2 | Room Lamp (Center) | — | W2 | Airbag Squib (Steering Wheel Pad) | 90980-12219 |
| L1 | License Plate Lamp | 90980-11162 | | Spiral Cable | |
| M1 | Center Stop Lamp | 90980-10860 | X1 | Side Airbag Squib (RH) | 90980-12452 |
| M2 | Rear Window Defogger | 90980-11853 | Y1 | Side Airbag Squib (LH) | |
| N1 | Rear Wiper Motor Assembly | 90980-10860 | Z1 | Speed Sensor (Rear RH) | 90980-12416 |
| N2 | Back Door Courtesy SW | 90980-10795 | a1 | Speed Sensor (Rear LH) | |
| N3 | Back Door Lock Assembly | 90980-10825 | b1 | Power Steering ECU | 90980-12299 |
| N4 | Back Door Position SW | 90980-11150 | | Power Steering Motor | |
| O1 | Rear Window Defogger (H/B) | 90980-11853 | c1 | Power Steering ECU | 90980-12221 |
| | Rear Window Defogger (S/D) | 90980-10914 | | Power Steering Torque Sensor | |
| P1 | Knock Control Sensor (Bank 1) | 90980-11875 | | | |
| Q1 | Airbag Squib (Front Passenger's Airbag Assembly) | 90980-12576 | | | |

Note: Not all of the above part numbers of the connector are established for the supply.

M OVERALL ELECTRICAL WIRING DIAGRAM

HOW TO READ THIS SECTION

* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the wiring diagram section.



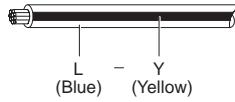
[A] : System Title

[B] : Indicates the wiring color.

Wire colors are indicated by an alphabetical code.
 B = Black W = White BR = Brown
 L = Blue V = Violet SB = Sky Blue
 R = Red G = Green LG = Light Green
 P = Pink Y = Yellow GR = Gray
 O = Orange

The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

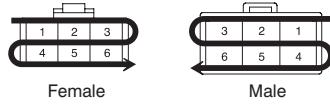
Example: L - Y



[C] : The position of the parts is the same as shown in the wiring diagram and wire routing.

[D] : Indicates the pin number of the connector. The numbering system is different for female and male connectors.

Example: Numbered in other from upper left to lower right Numbered in other from upper right to lower left



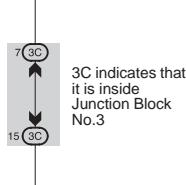
The numbering system for the overall wiring diagram is the same as above

[E] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example: (1) Indicates Relay Block No.1

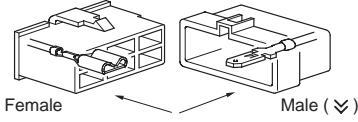
[F] : Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

Example:



[G] : Indicates related system.

[H] : Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (↙). Outside numerals are pin numbers.



[I] : () is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

[J] : Indicates a shielded cable.



[K] : Indicates a ground point.

[L] : The same code occurring on the next page indicates that the wire harness is continuous.

[M] : Indicates the ignition key position(s) when the power is supplied to the fuse(s).

SYSTEM INDEX

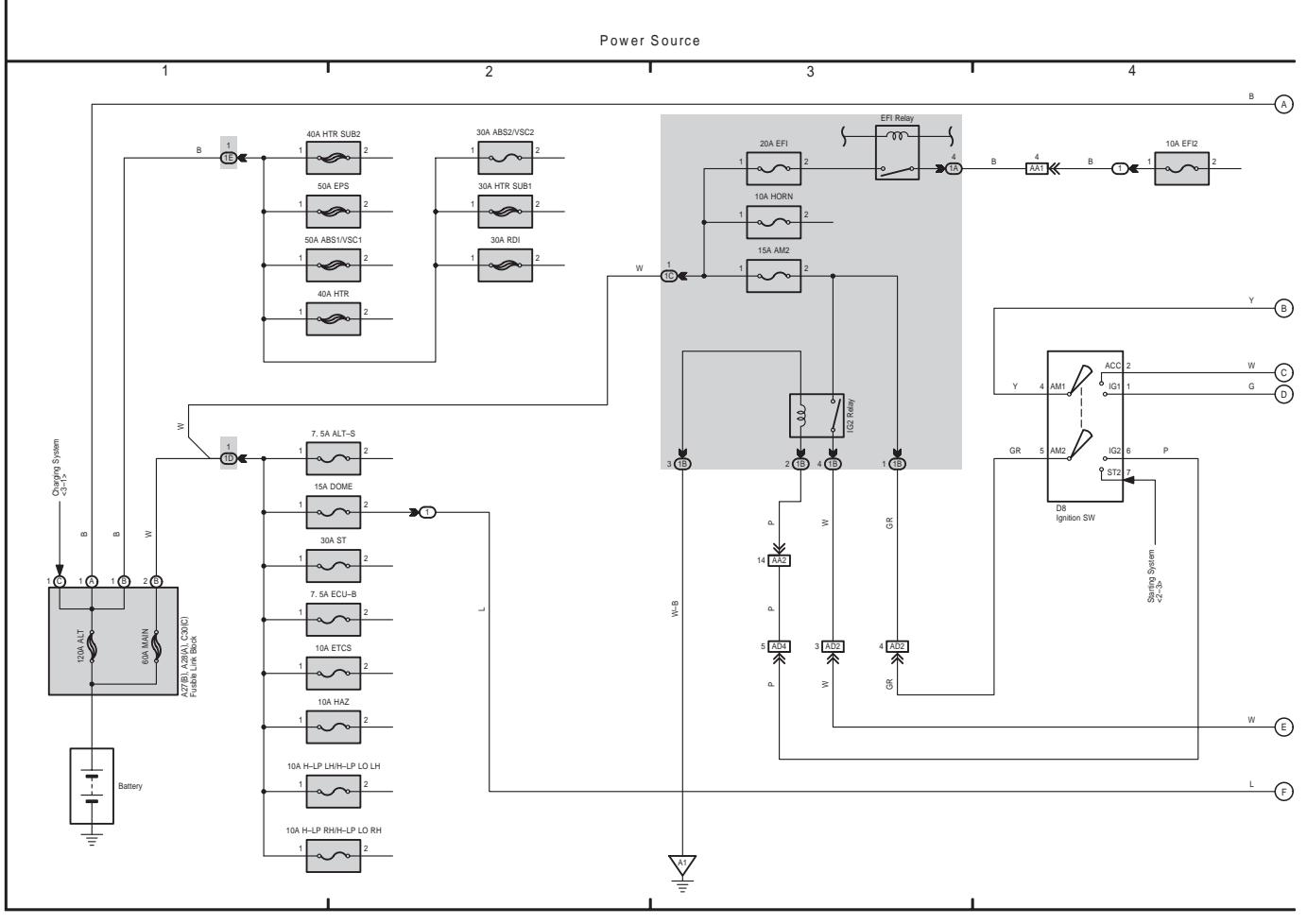
| SYSTEMS | LOCATION | SYSTEMS | LOCATION |
|----------------------------------------------------------------|----------|--------------------------------------------|----------|
| ABS | 17-1 | Illumination | 12-1 |
| Air Conditioning | 29-1 | Interior Light | 11-1 |
| Audio System | 26-1 | Key Reminder | 16-1 |
| Back-Up Light | 13-1 | Light Reminder | 16-1 |
| Charging | 3-1 | Multiplex Communication System (CAN) | 8-1 |
| Cigarette Lighter | 24-3 | Power Outlet | 24-3 |
| Combination Meter | 27-1 | Power Source | 1-1 |
| Cooling Fan | 28-1 | Power Window | 20-1 |
| Cruise Control | 5-16 | Rear Window Defogger | 25-1 |
| Data Link Connector 3 | 7-1 | Rear Wiper and Washer | 23-1 |
| Door Lock Control | 21-1 | Remote Control Mirror | 24-1 |
| Electronically Controlled Transmission and A/T Indicator | 5-17 | Seat Belt Warning | 18-7 |
| Engine Control | 5-1 | Shift Lock | 23-3 |
| Engine Immobiliser System | 6-1 | SRS | 18-1 |
| EPS | 19-1 | Starting | 2-1 |
| Front Fog Light | 15-1 | Stop Light | 14-1 |
| Front Wiper and Washer | 22-1 | Taillight | 12-1 |
| Headlight | 9-1 | Theft Deterrent | 21-10 |
| Horn | 25-3 | Turn Signal and Hazard Warning Light | 10-1 |
| Ignition | 4-1 | Wireless Door Lock Control | 21-9 |

M OVERALL ELECTRICAL WIRING DIAGRAM

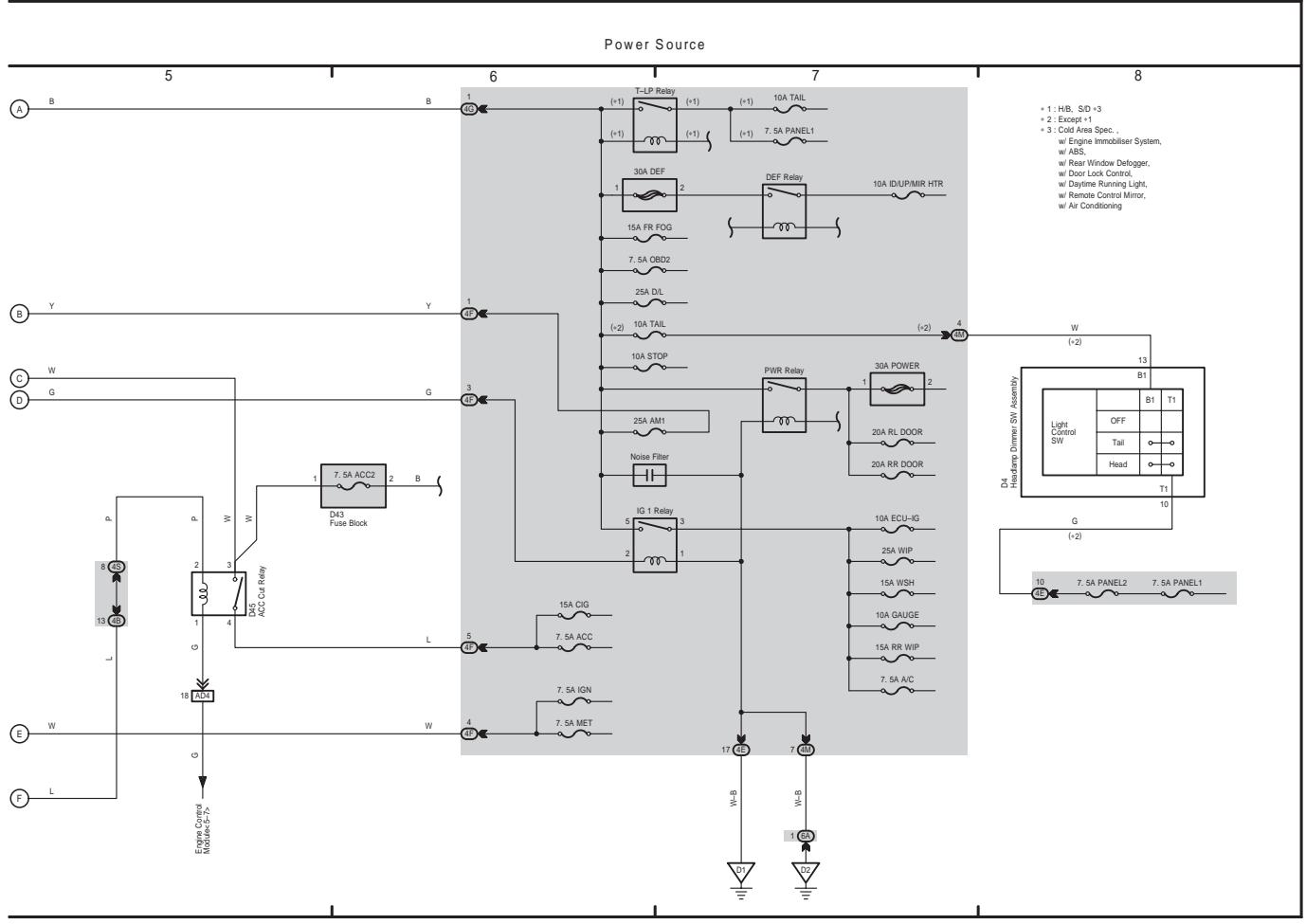
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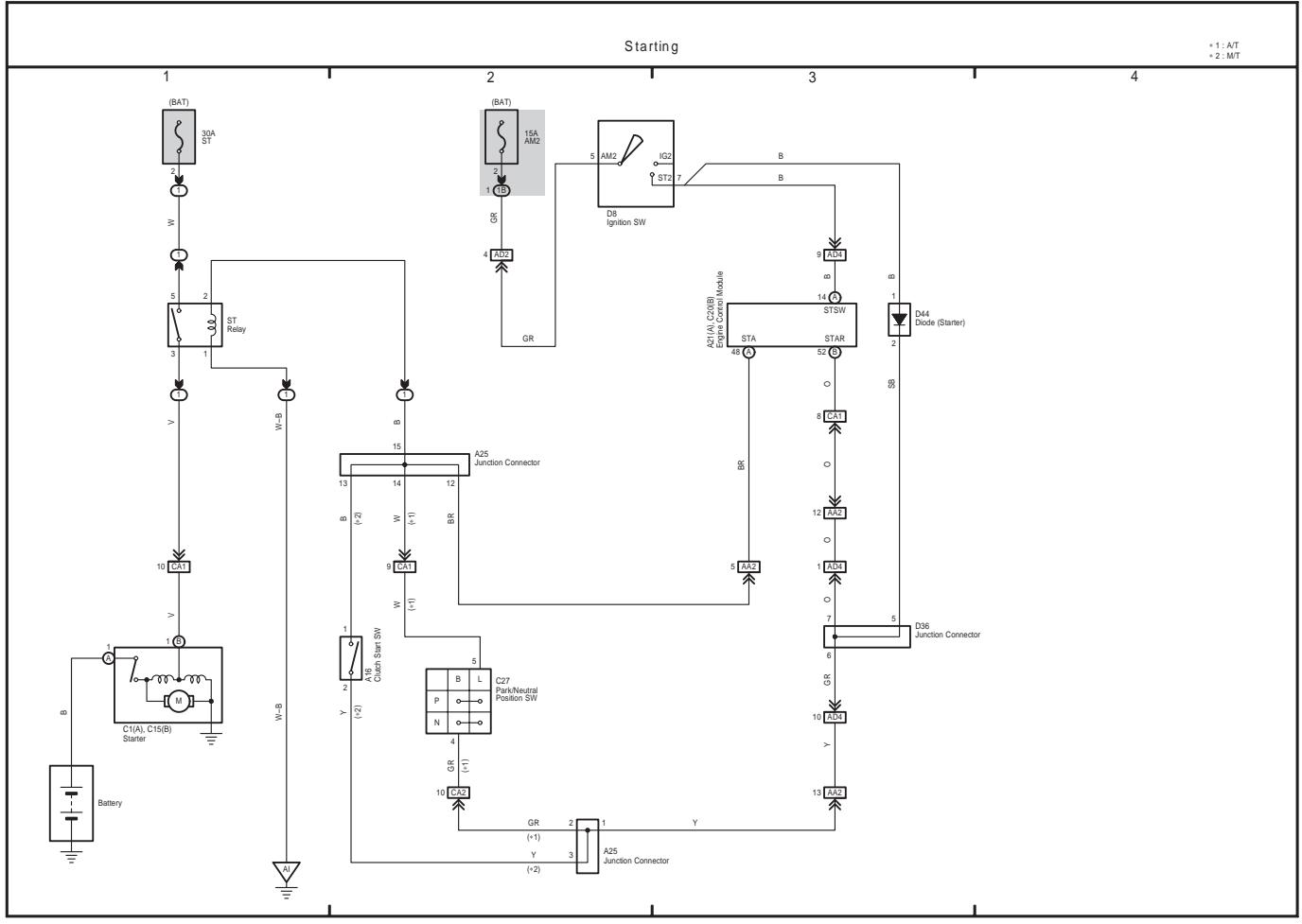
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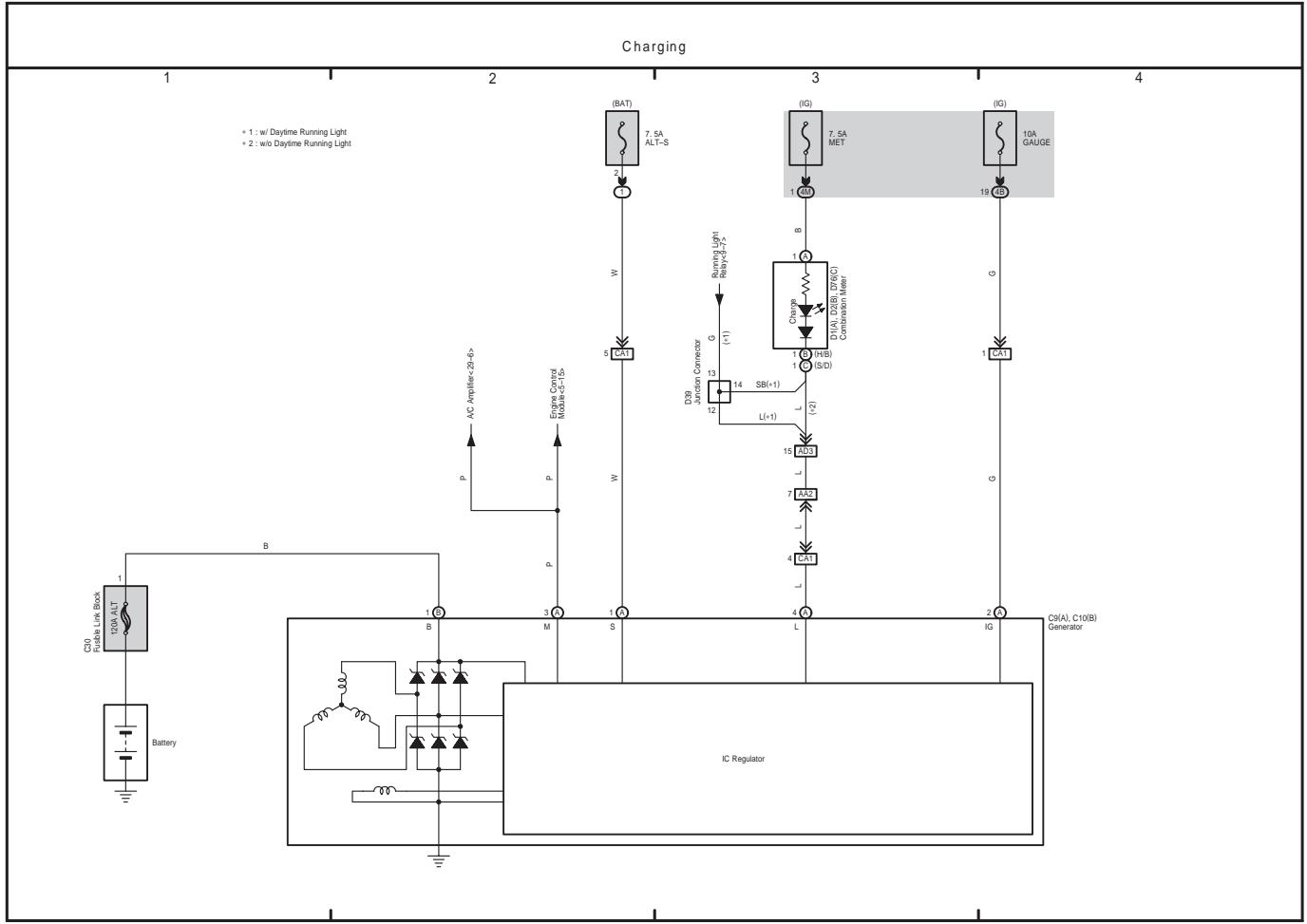
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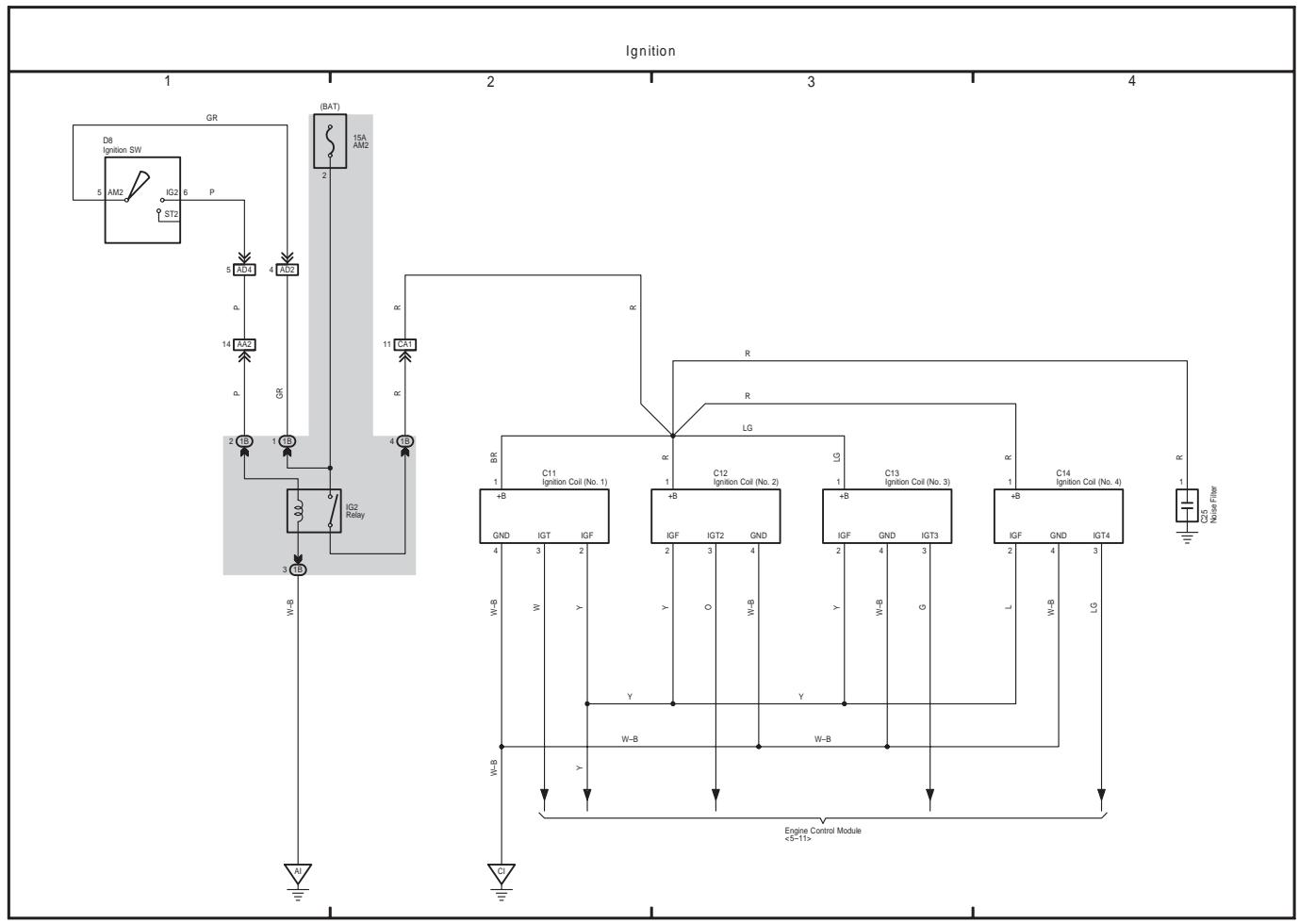


3 YARIS



M OVERALL ELECTRICAL WIRING DIAGRAM

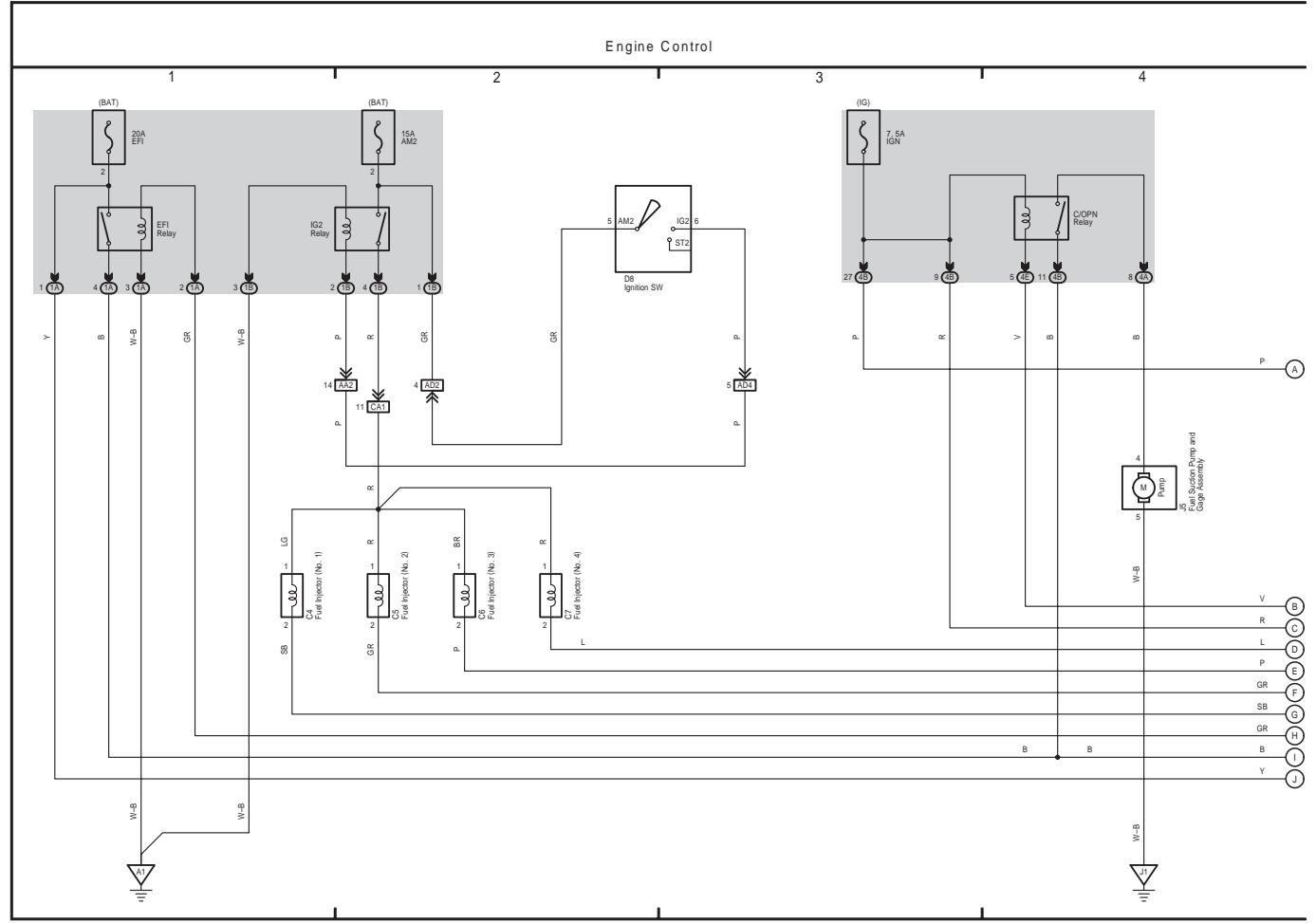
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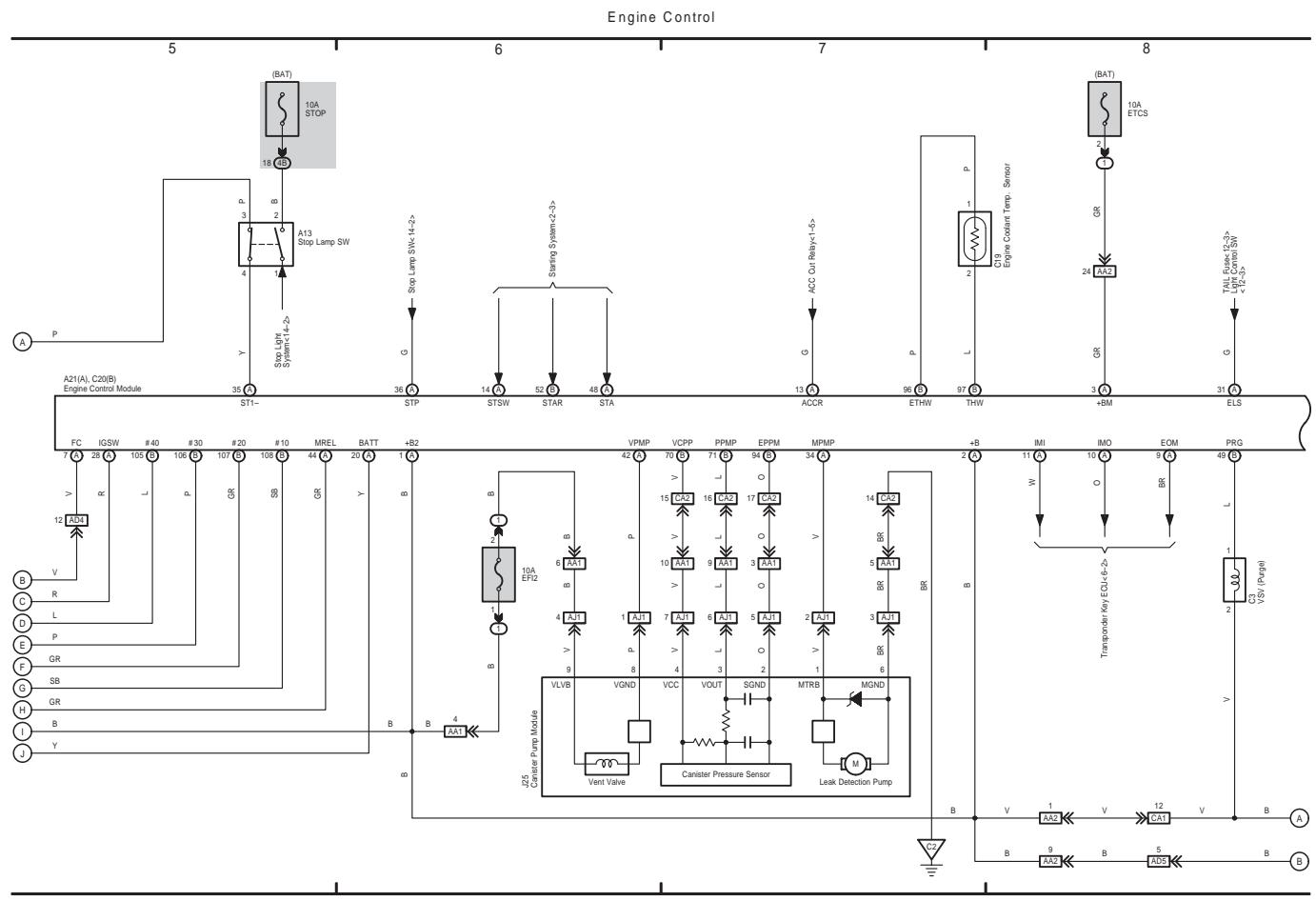


M OVERALL ELECTRICAL WIRING DIAGRAM

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5 YARIS



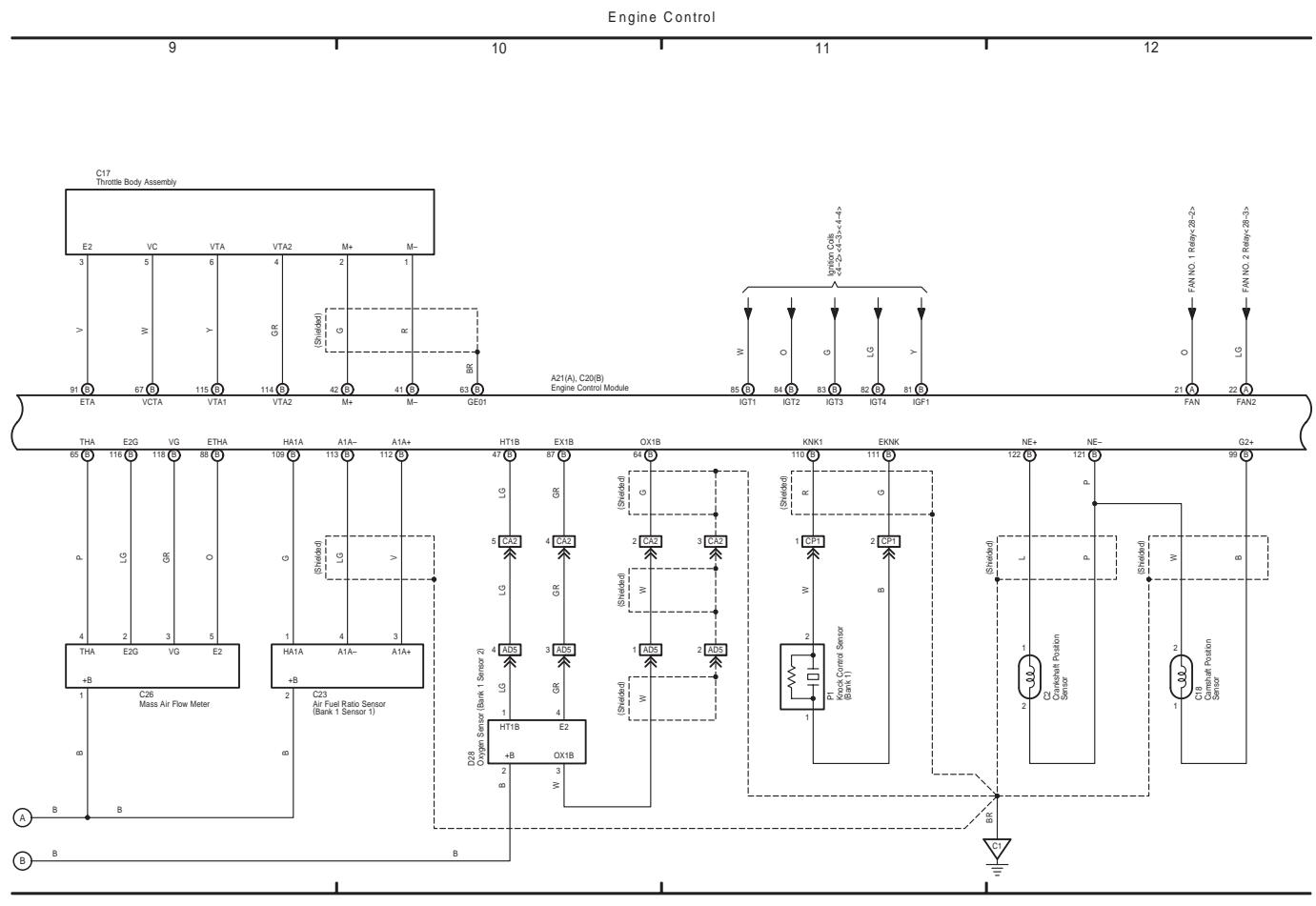


M OVERALL ELECTRICAL WIRING DIAGRAM

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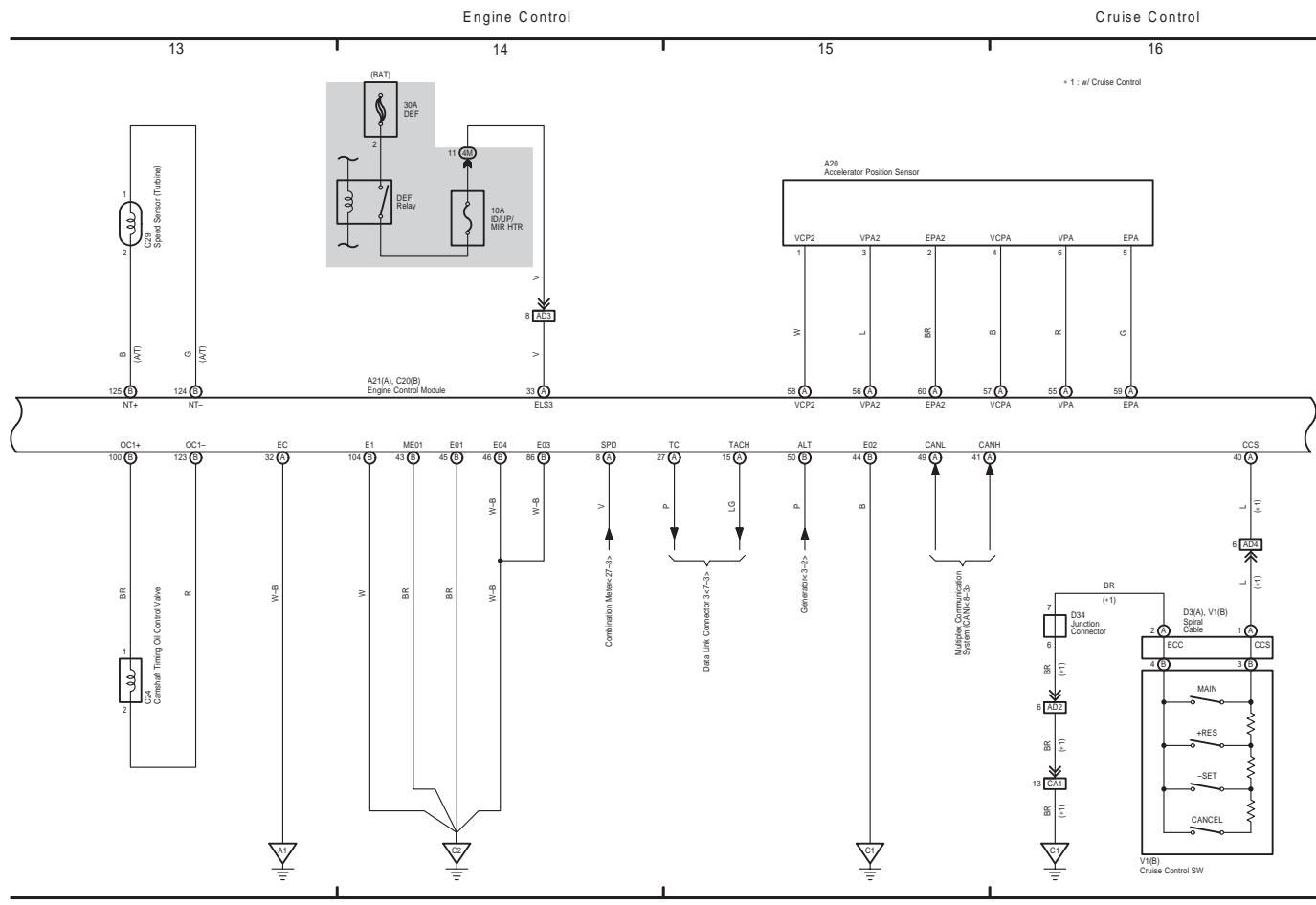
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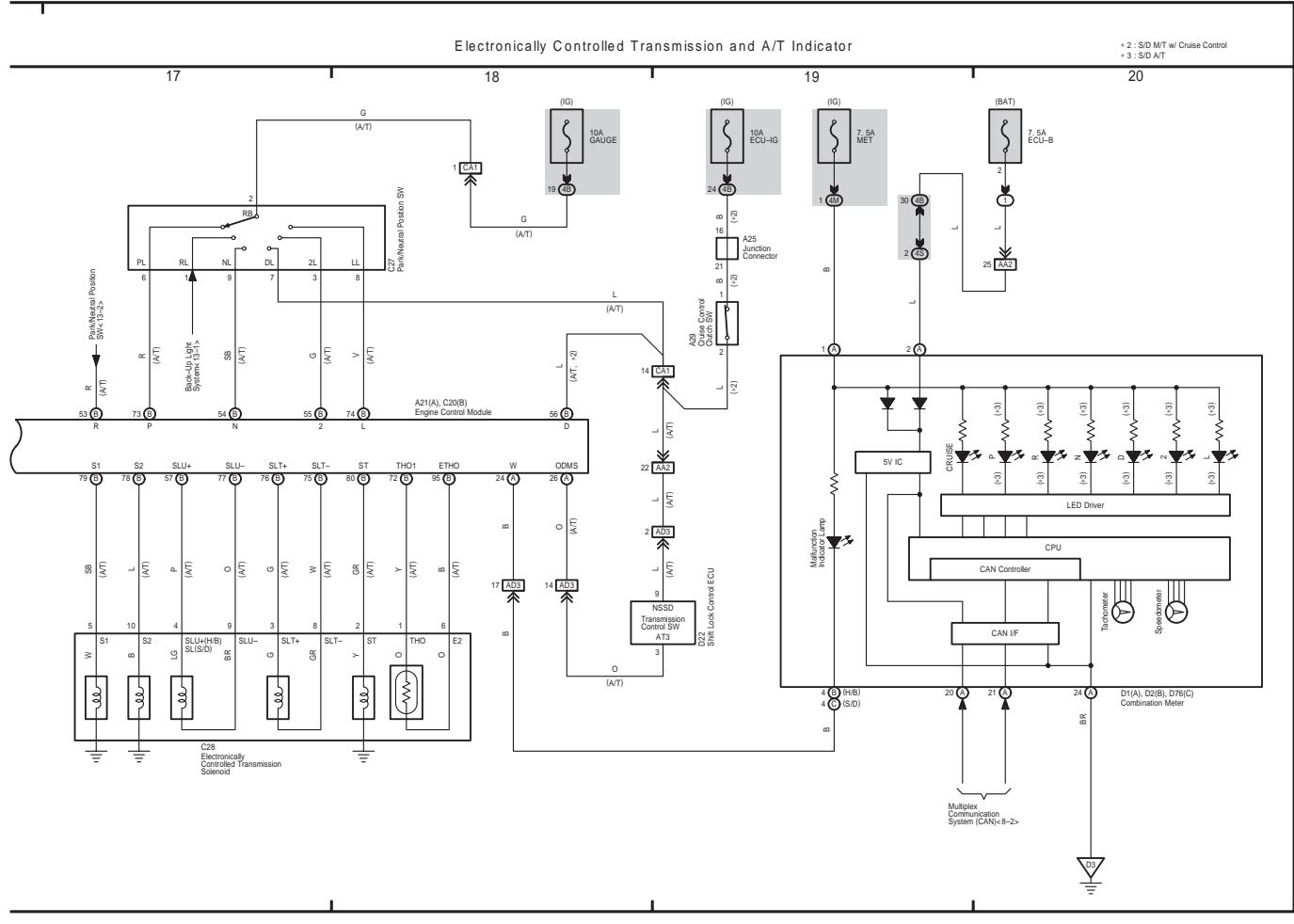
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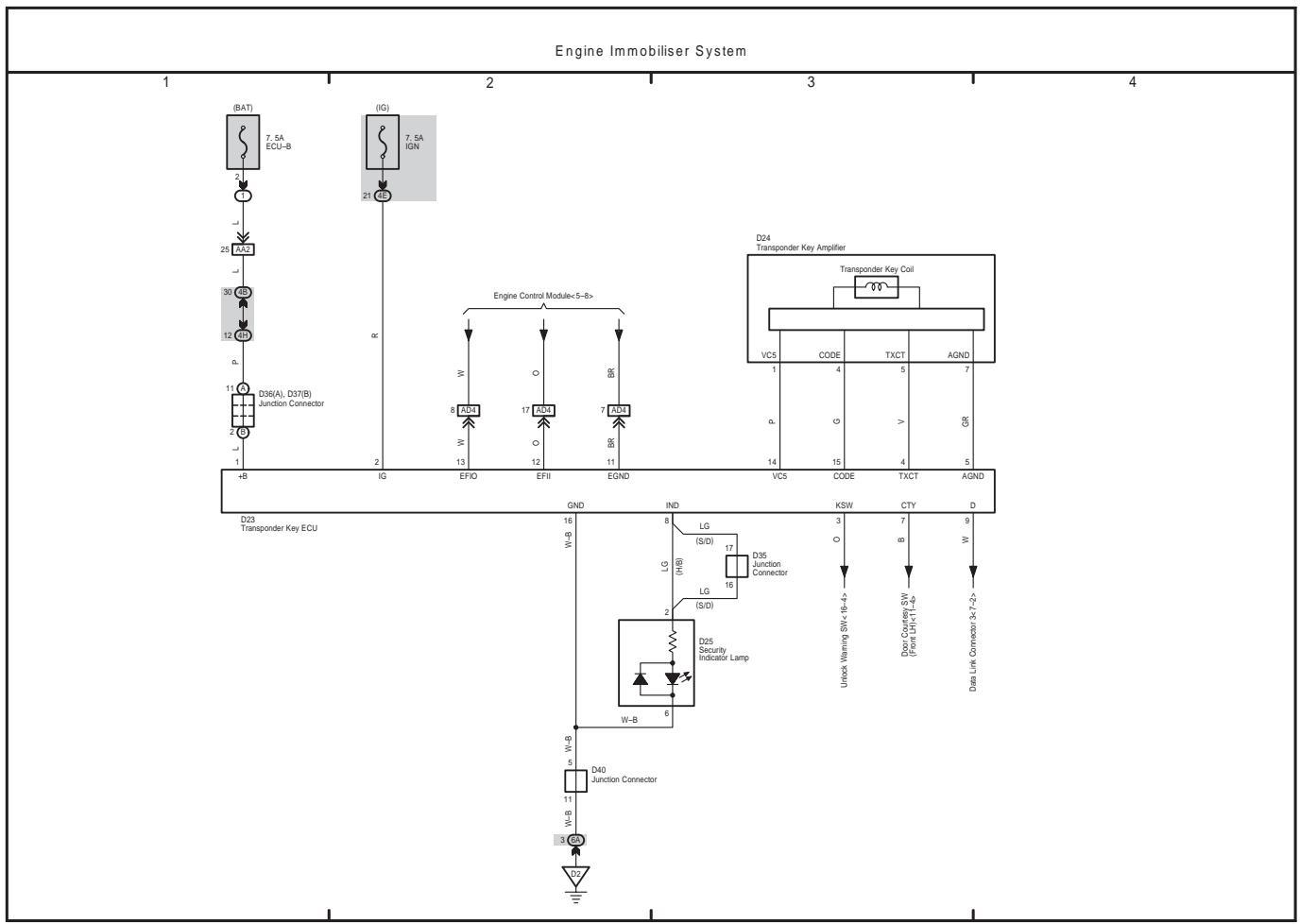
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M OVERALL ELECTRICAL WIRING DIAGRAM

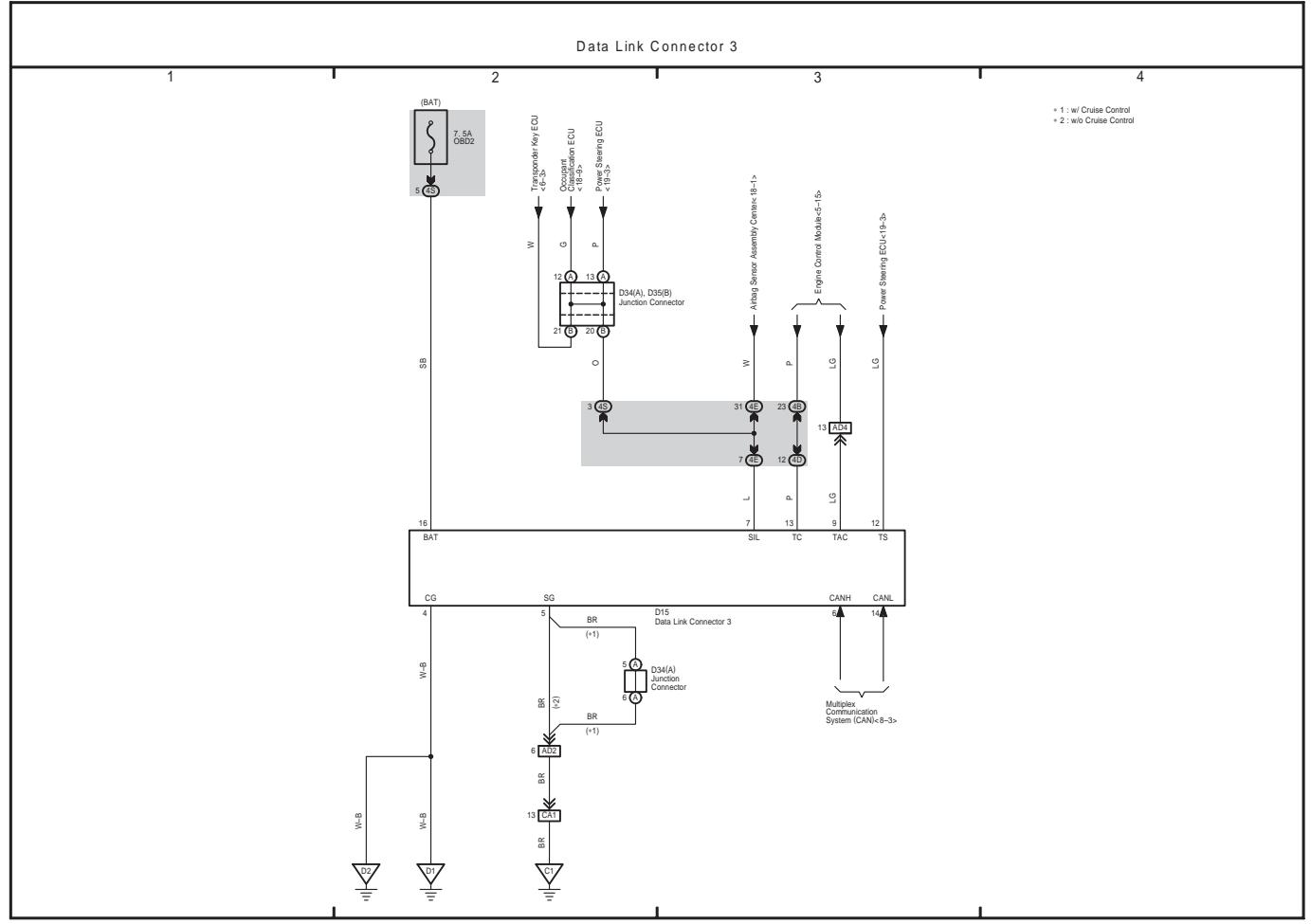
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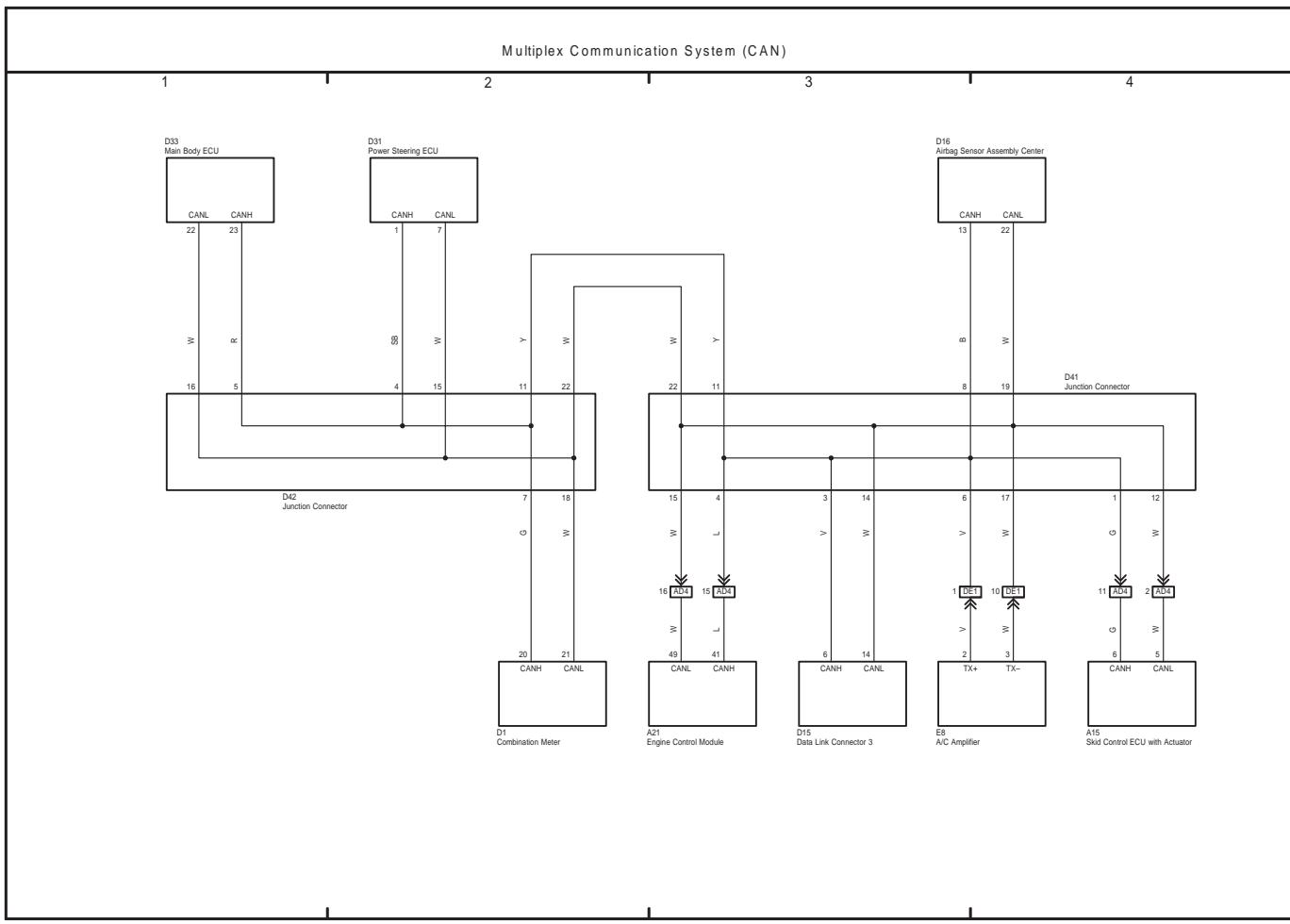
M OVERALL ELECTRICAL WIRING DIAGRAM

7 YARIS



8 YARIS

YARIS(EM01V0U)



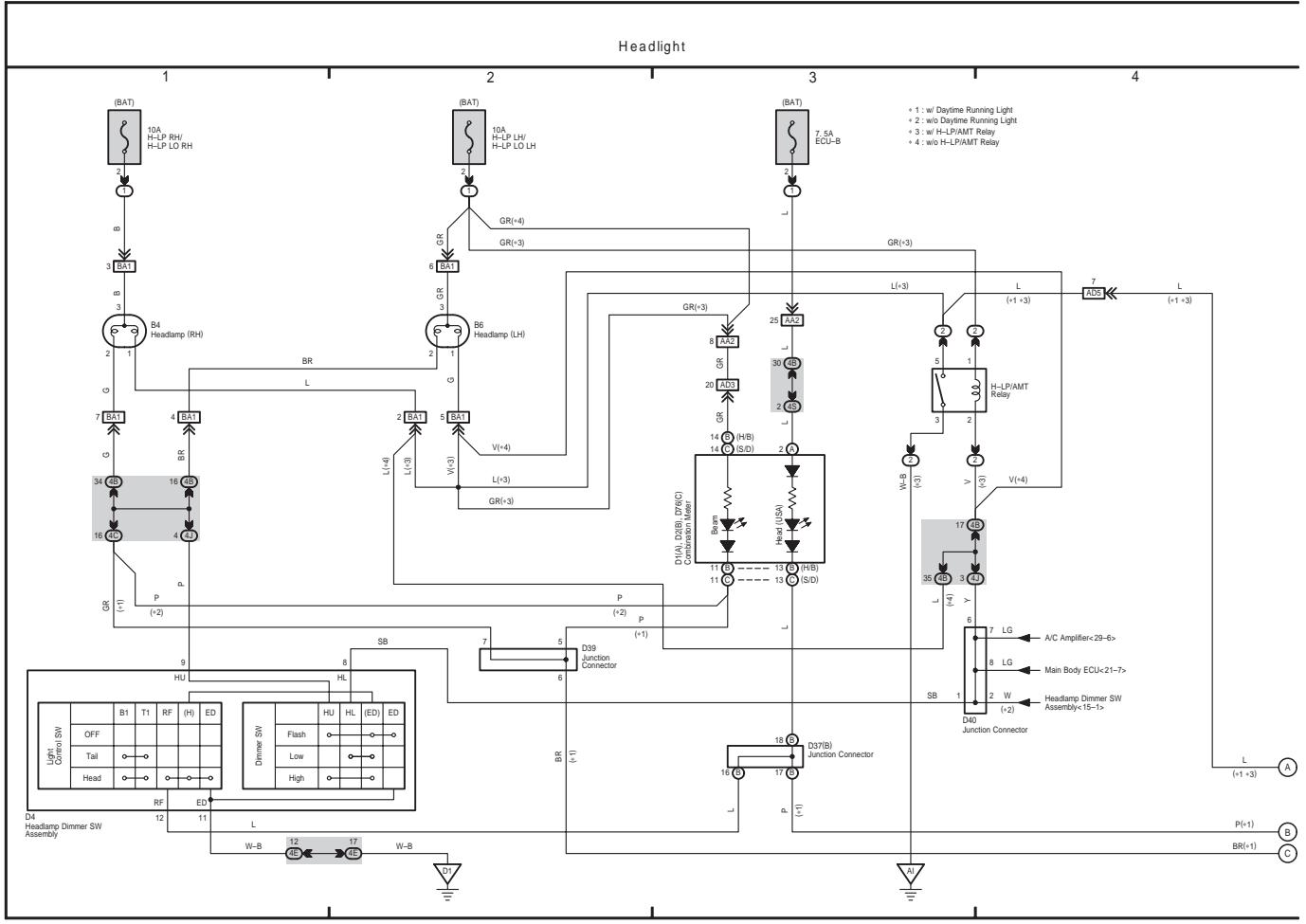
M

M OVERALL ELECTRICAL WIRING DIAGRAM

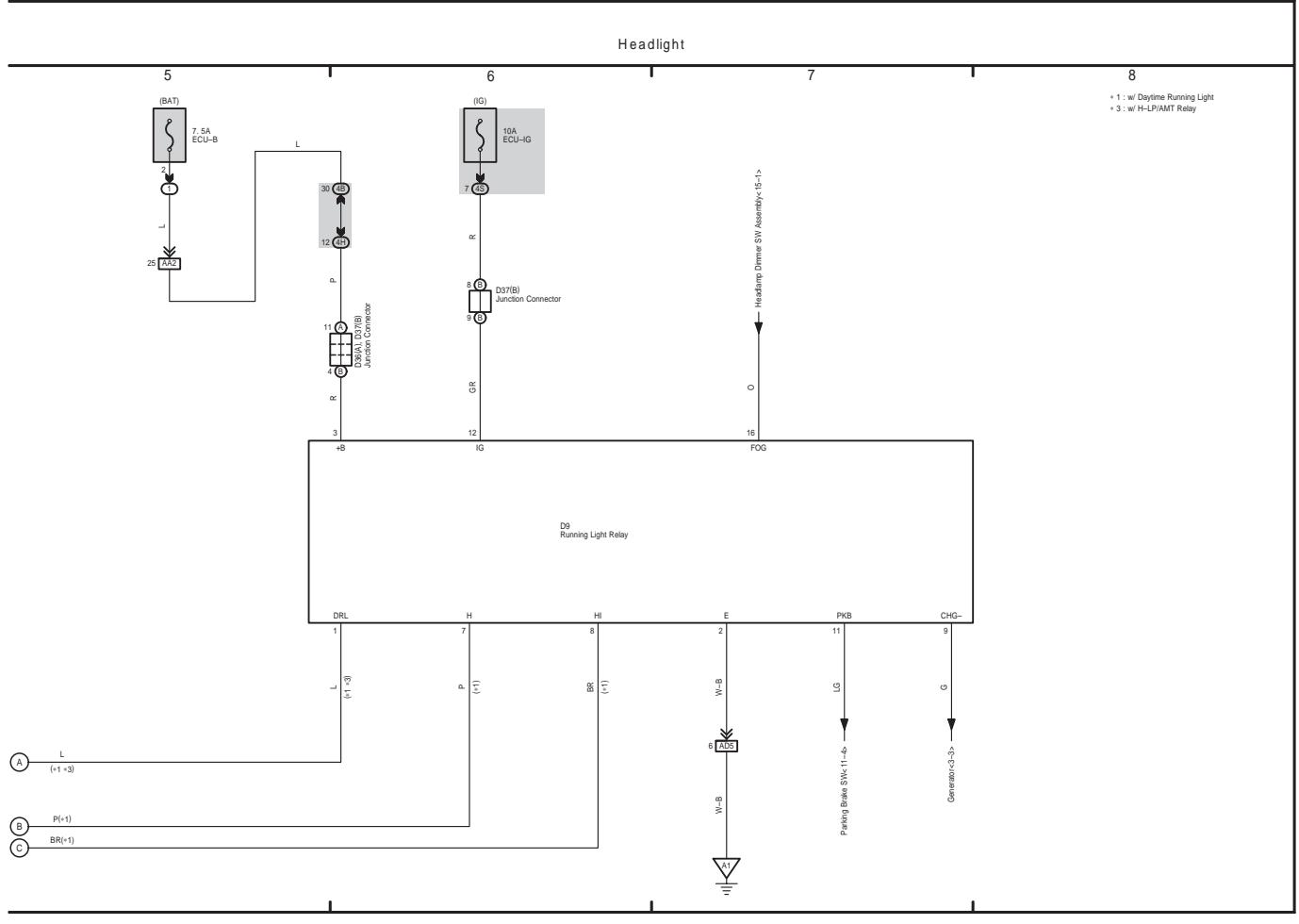
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9 YARIS

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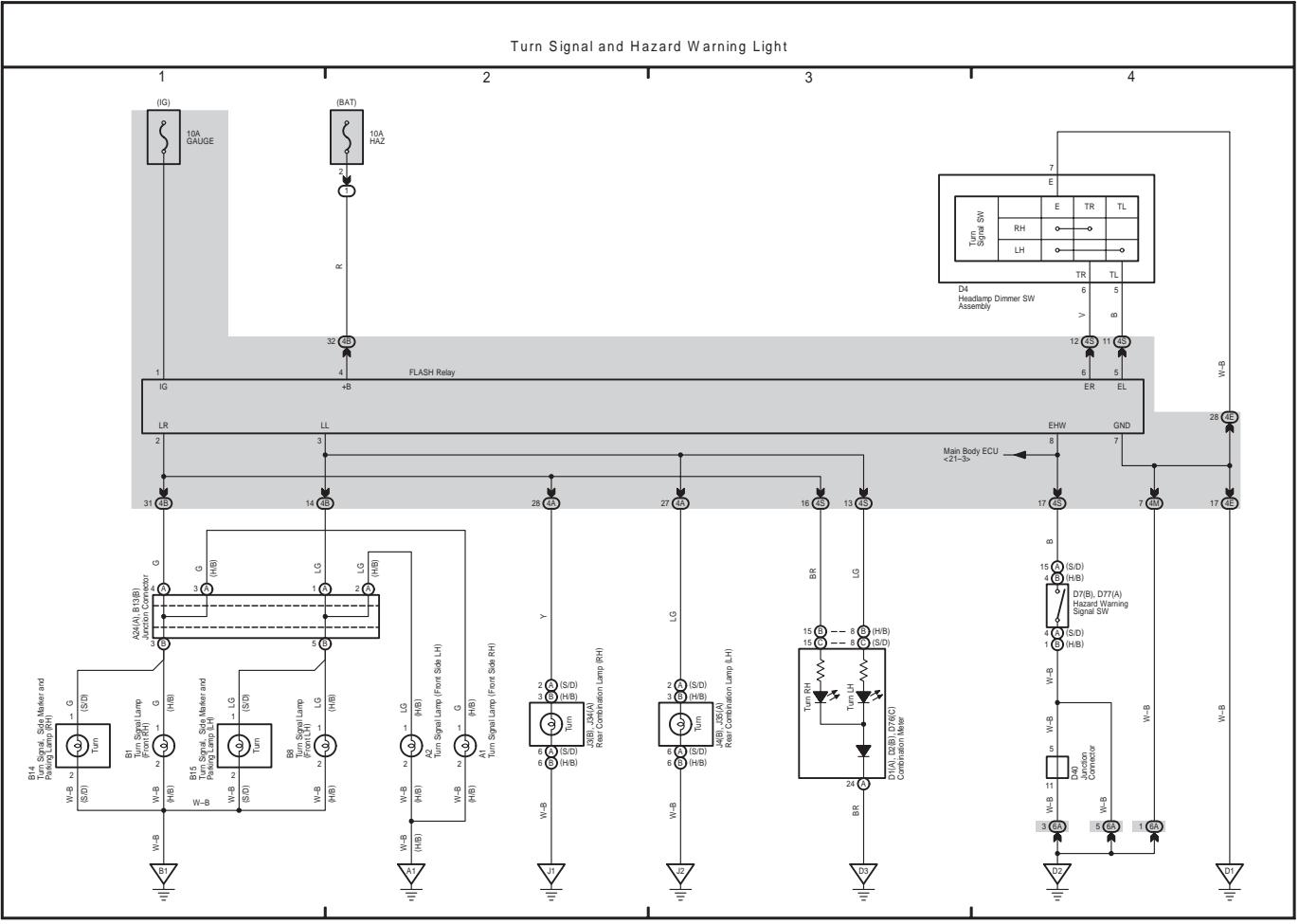


9 YARIS (Cont' d)



M OVERALL ELECTRICAL WIRING DIAGRAM

10 YARIS



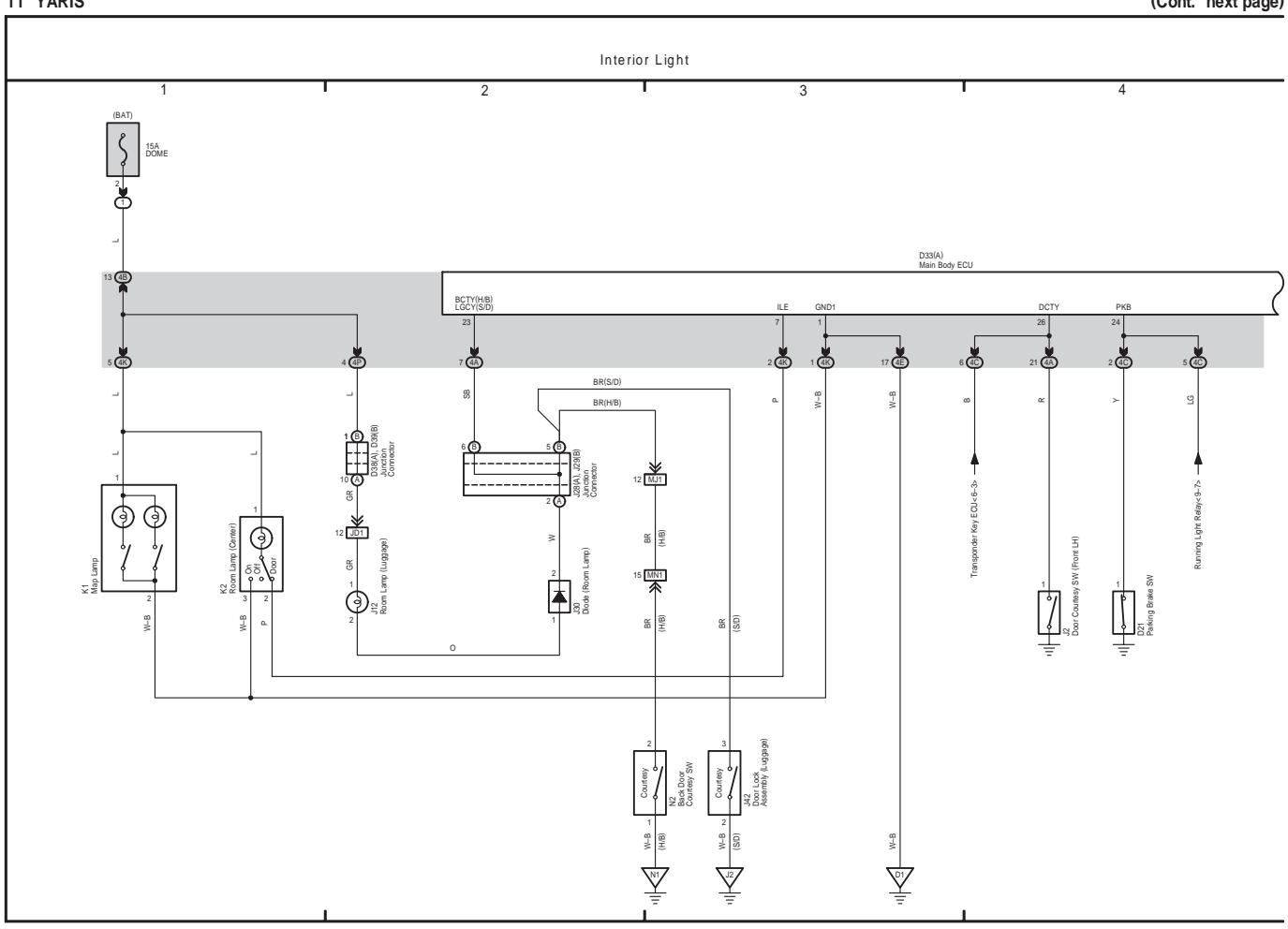
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

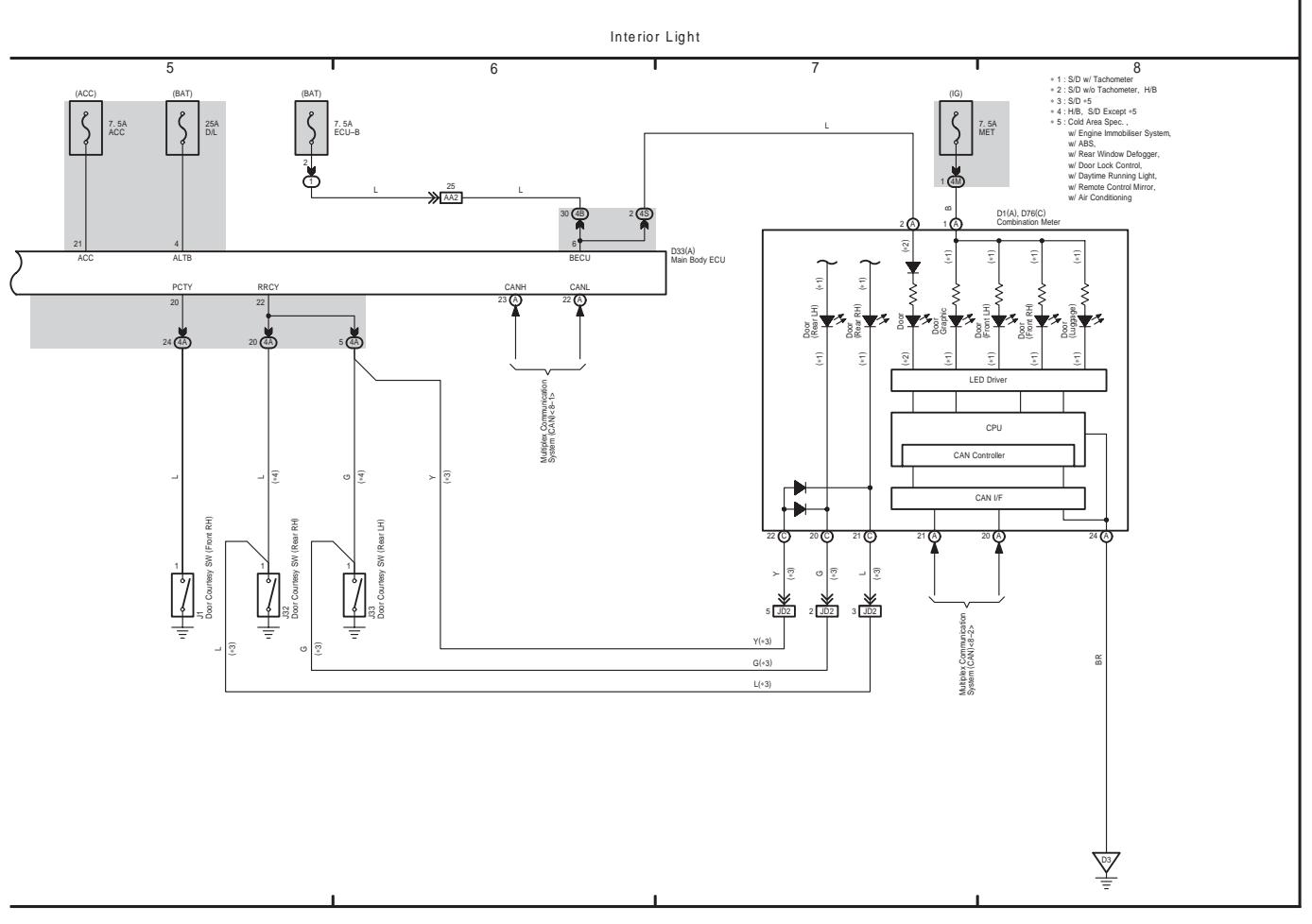
11 YARIS

302

YARIS (EM01VOU)



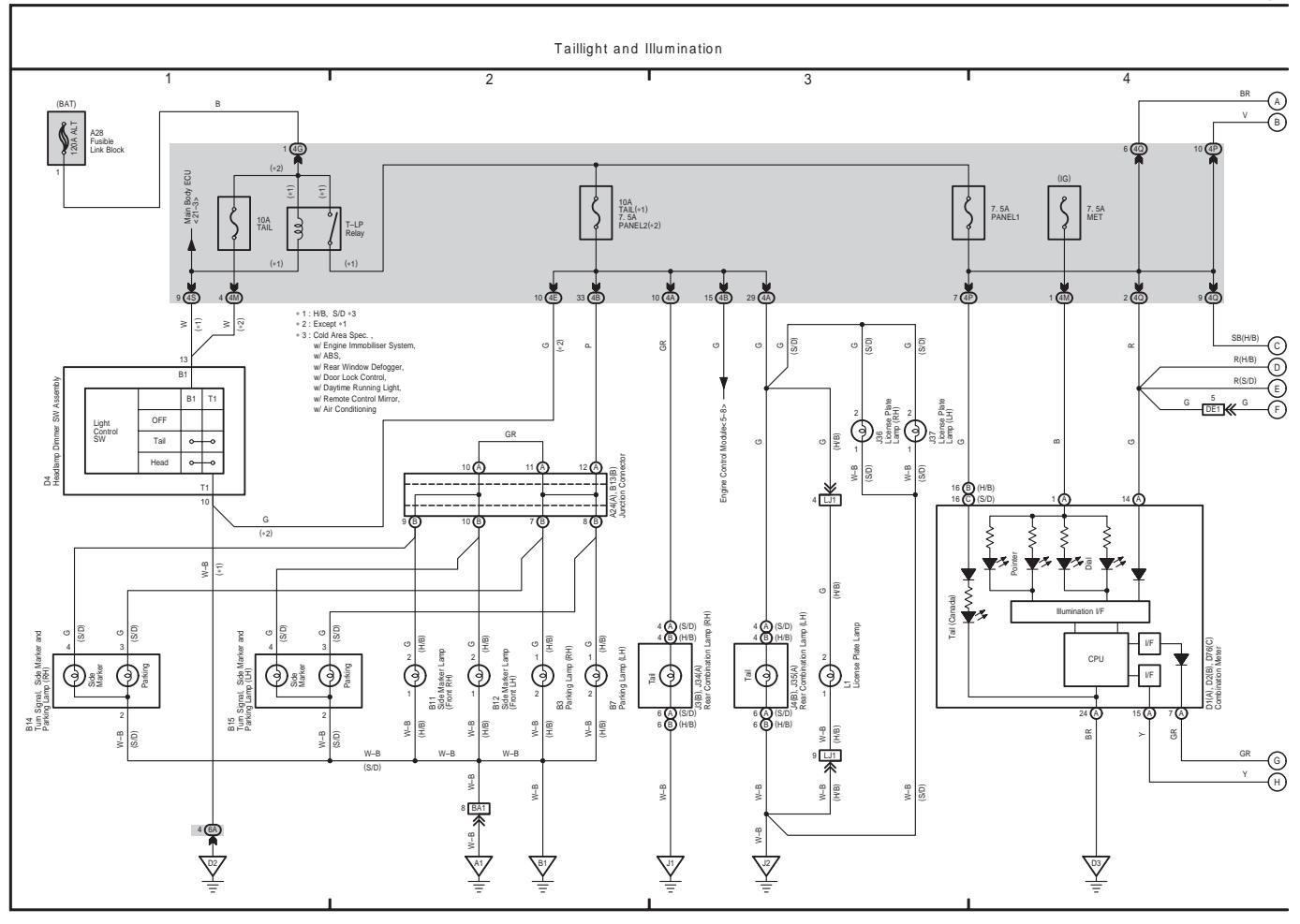
11 YARIS (Cont' d)

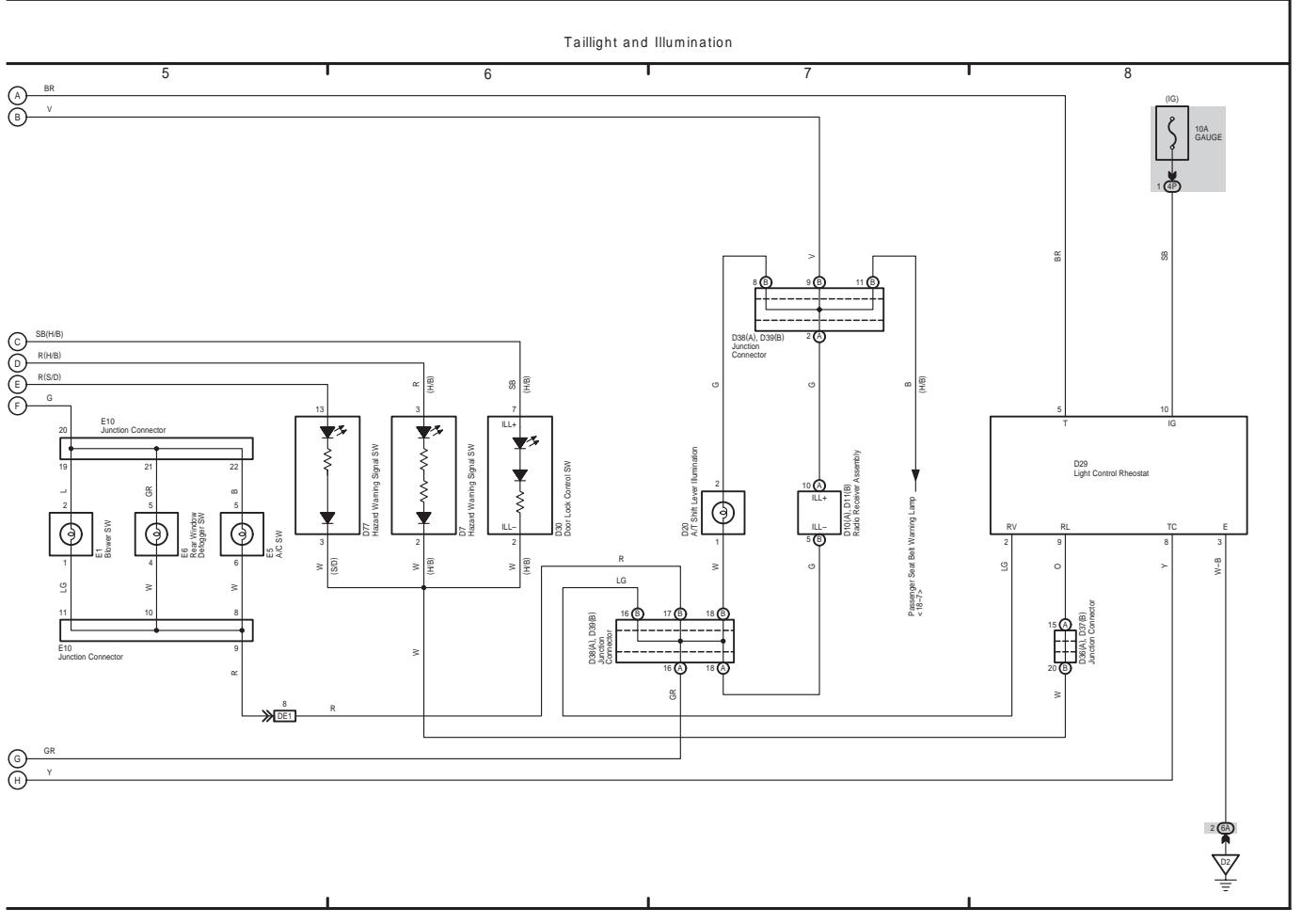


M OVERALL ELECTRICAL WIRING DIAGRAM

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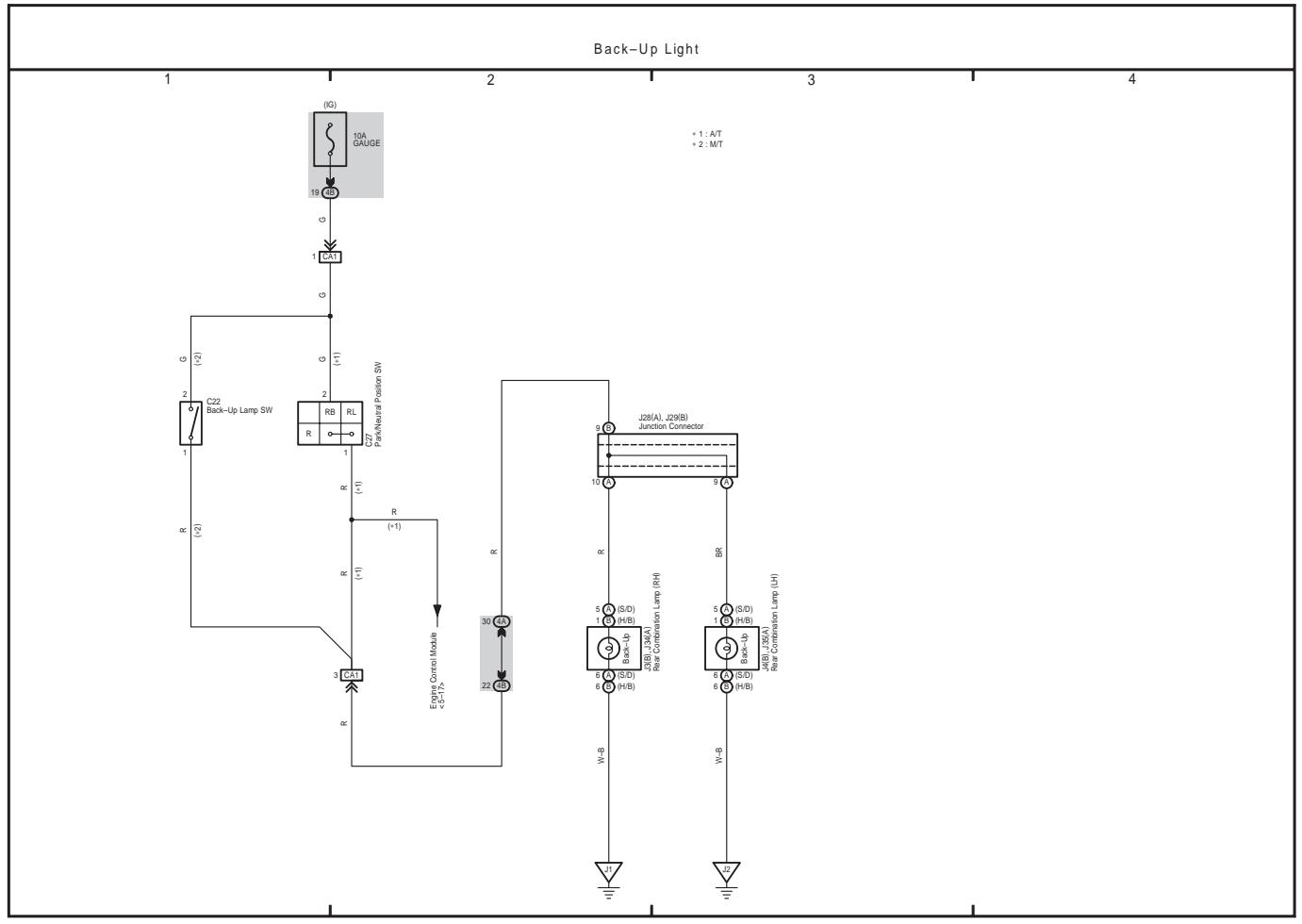
12 YARIS



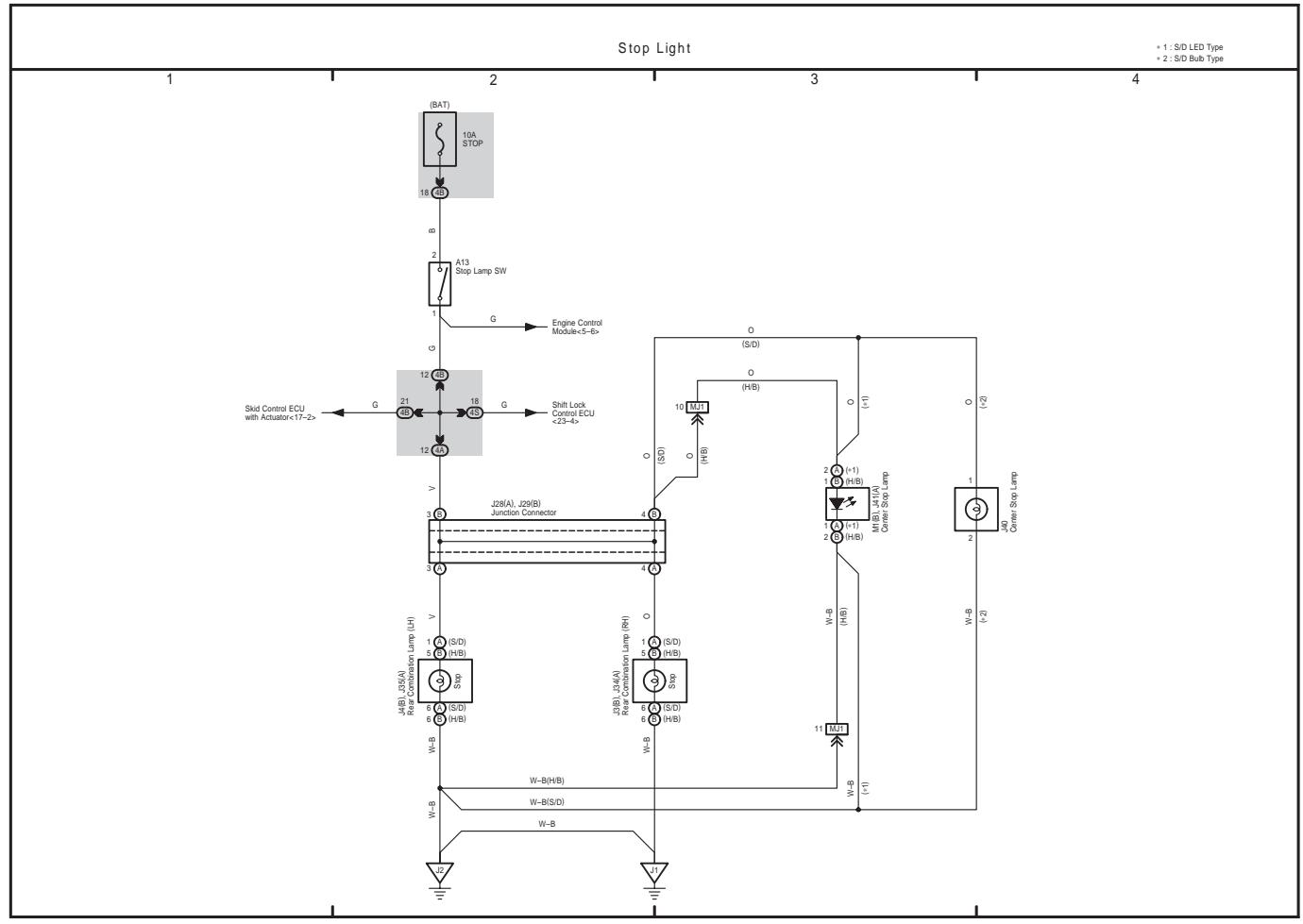


M OVERALL ELECTRICAL WIRING DIAGRAM

13 YARIS

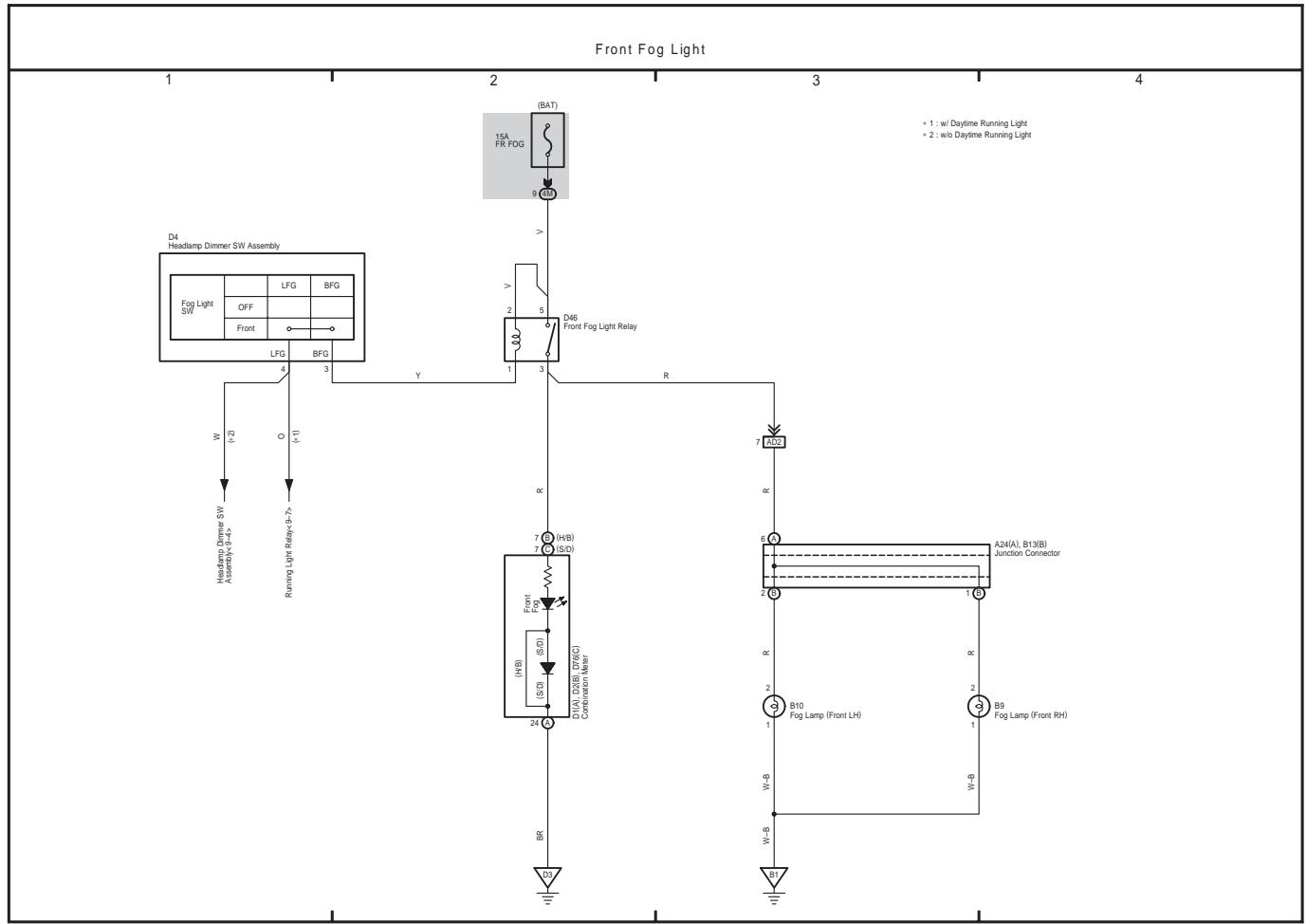


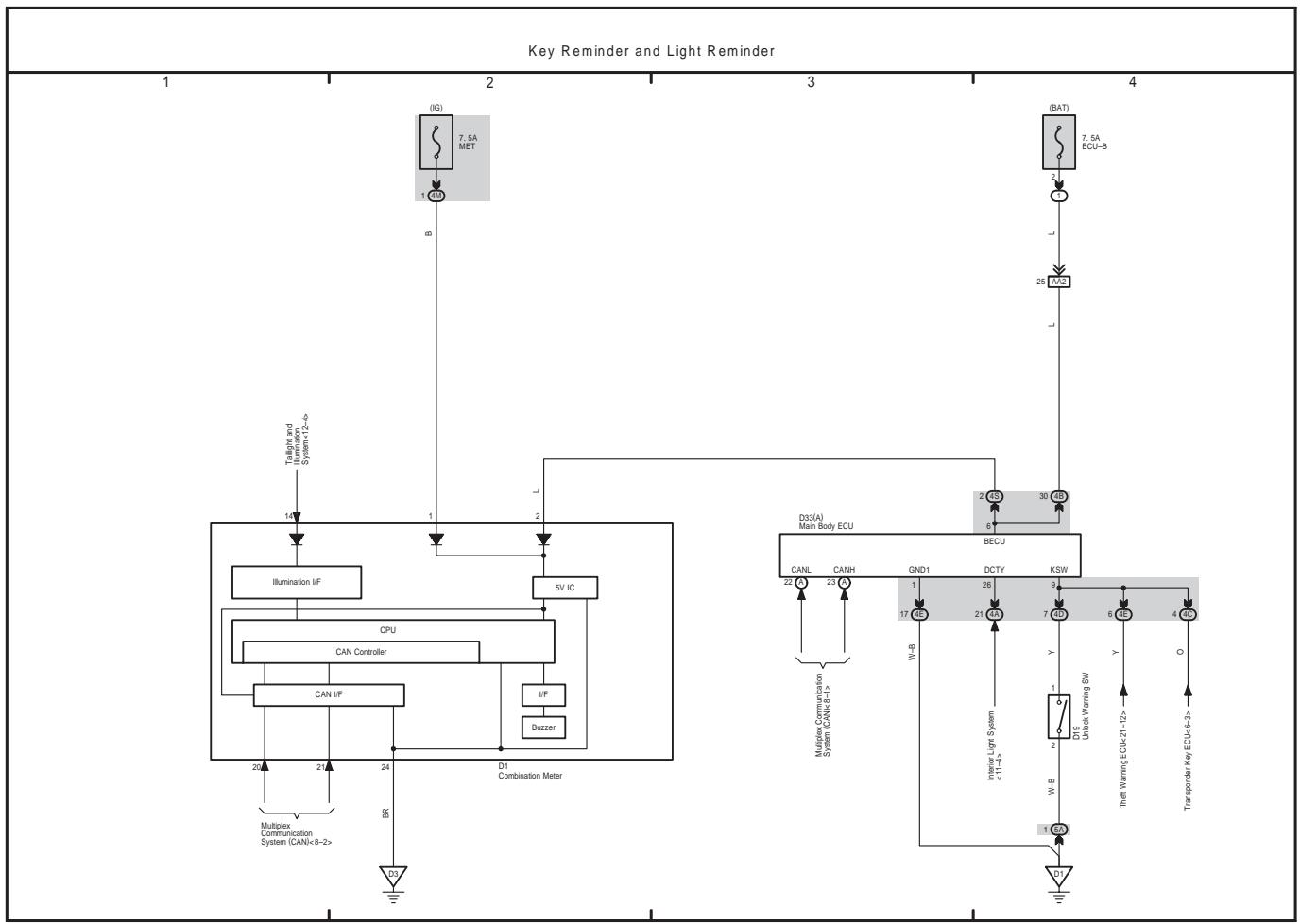
14 YARIS

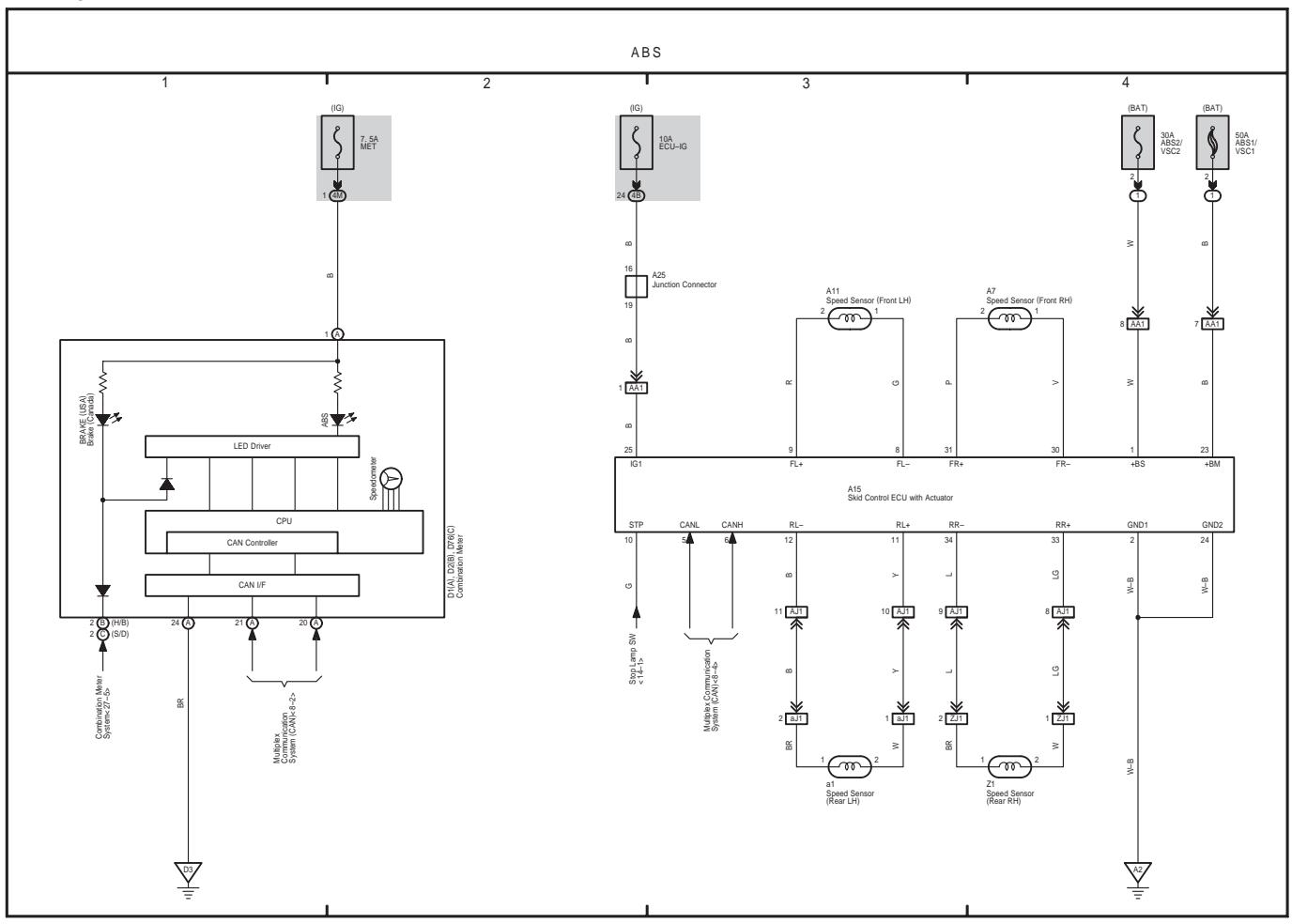


M OVERALL ELECTRICAL WIRING DIAGRAM

15 YARIS



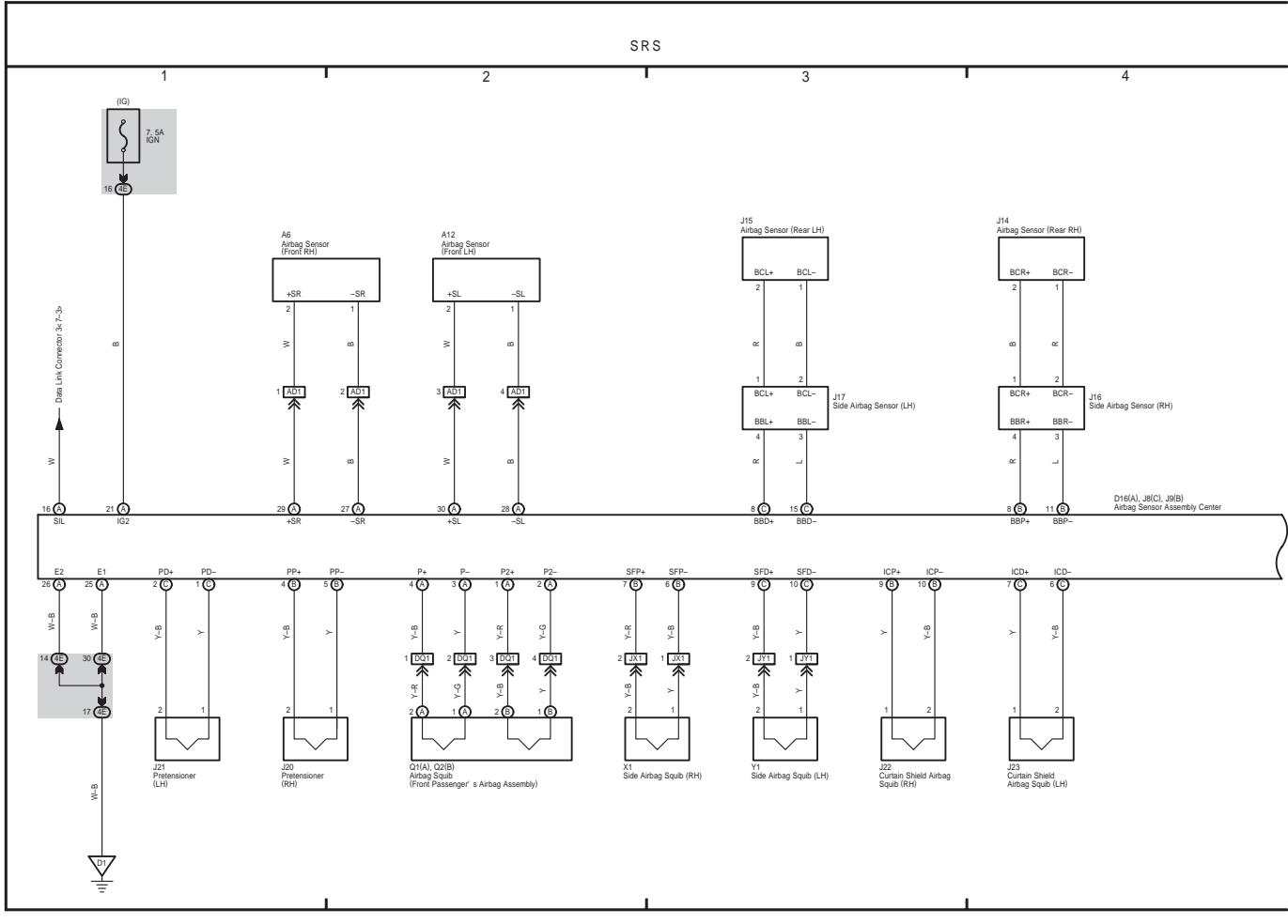




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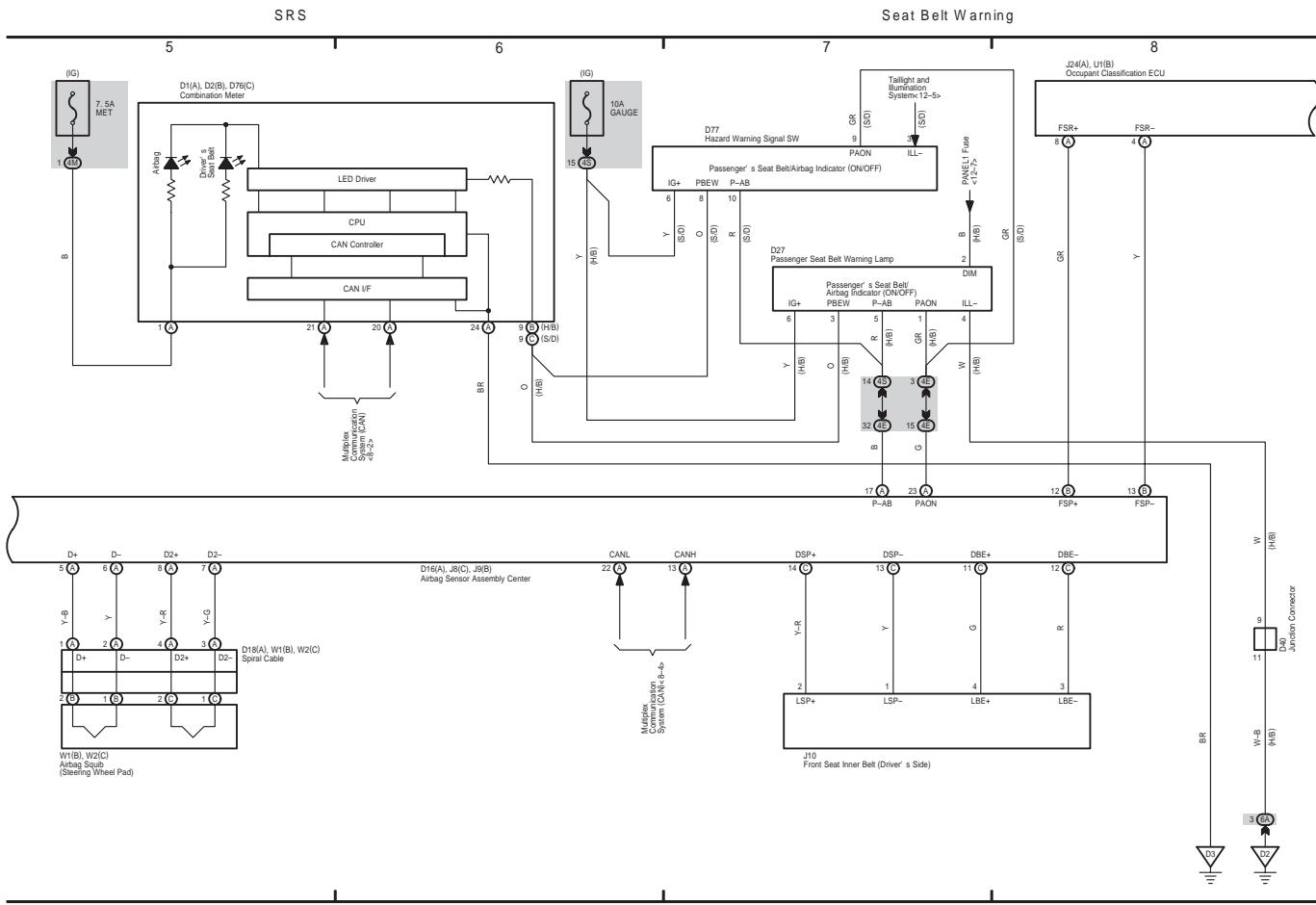
18 YARIS

312



18 YARIS (Cont' d)

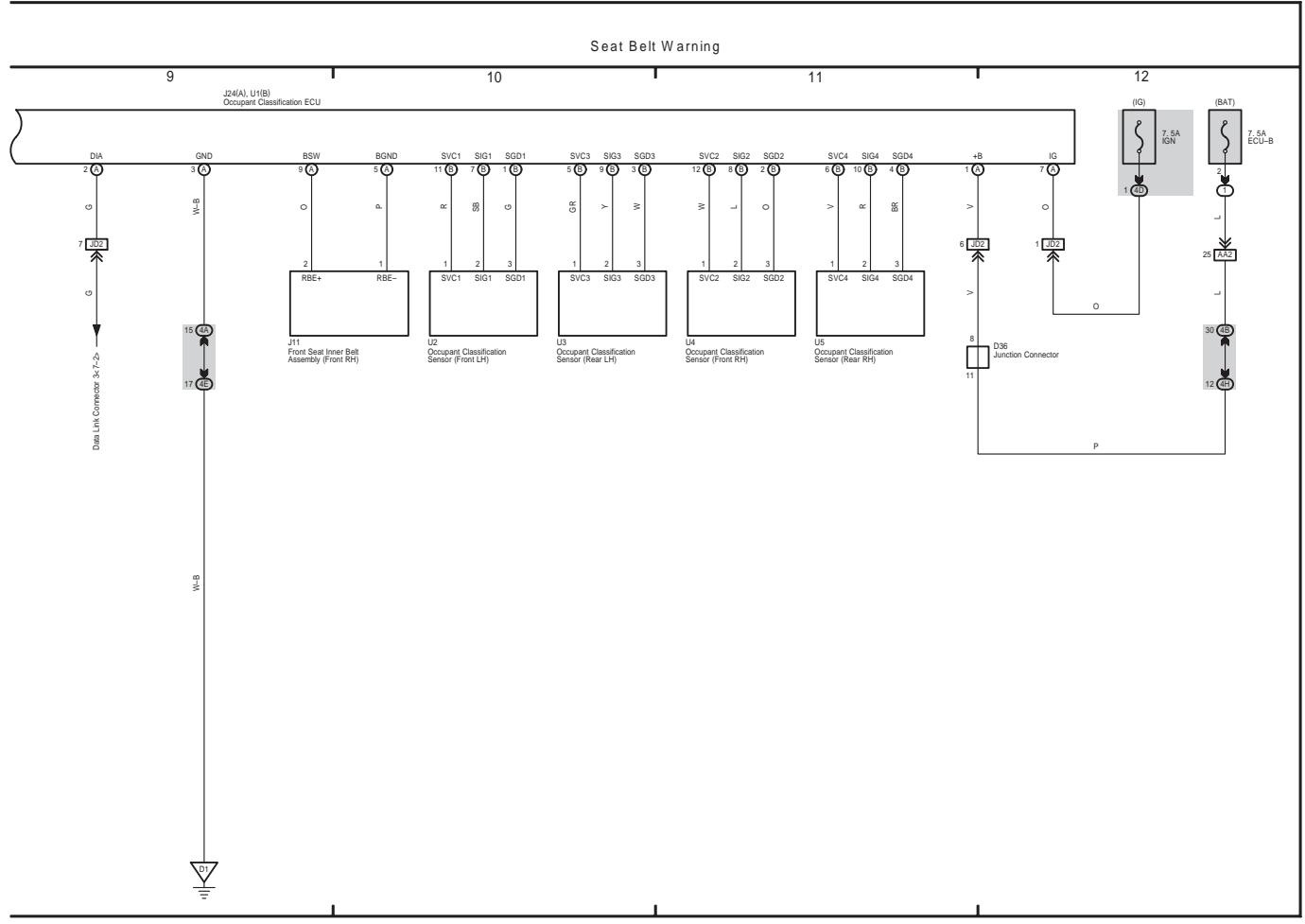
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M OVERALL ELECTRICAL WIRING DIAGRAM

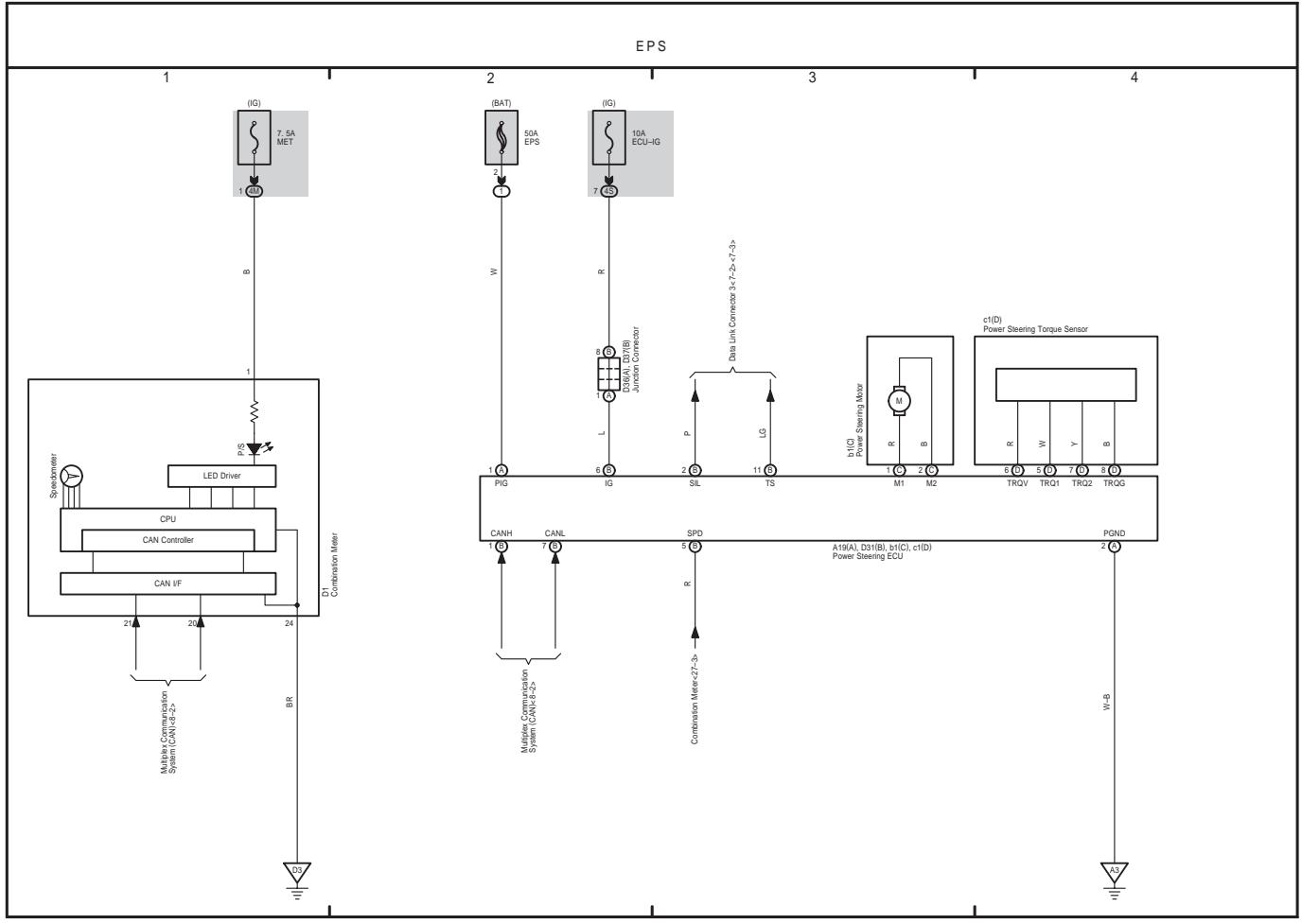
18 YARIS (Cont'd)

314



YARIS (EM01V/OU)

19 YARIS

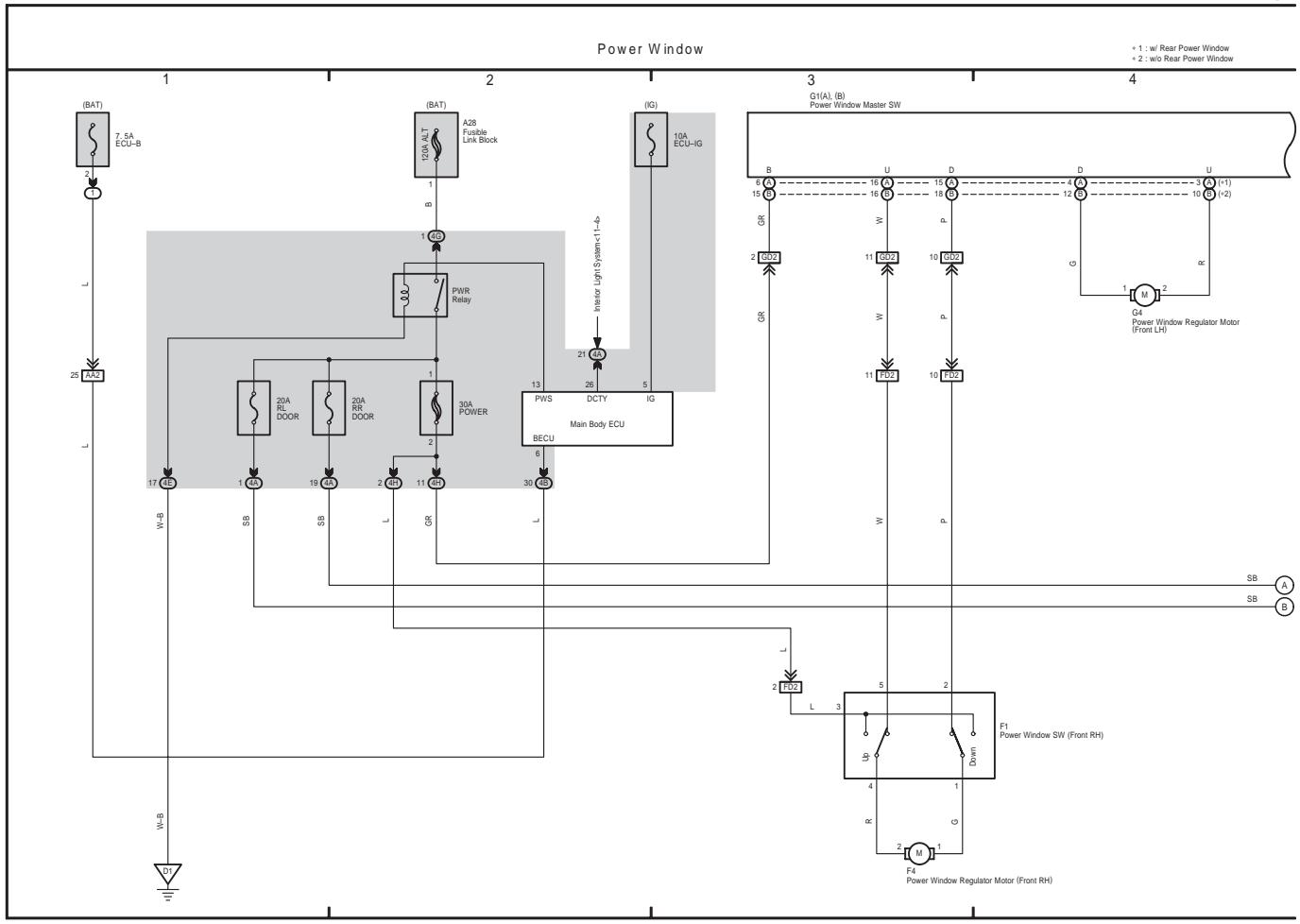


M OVERALL ELECTRICAL WIRING DIAGRAM

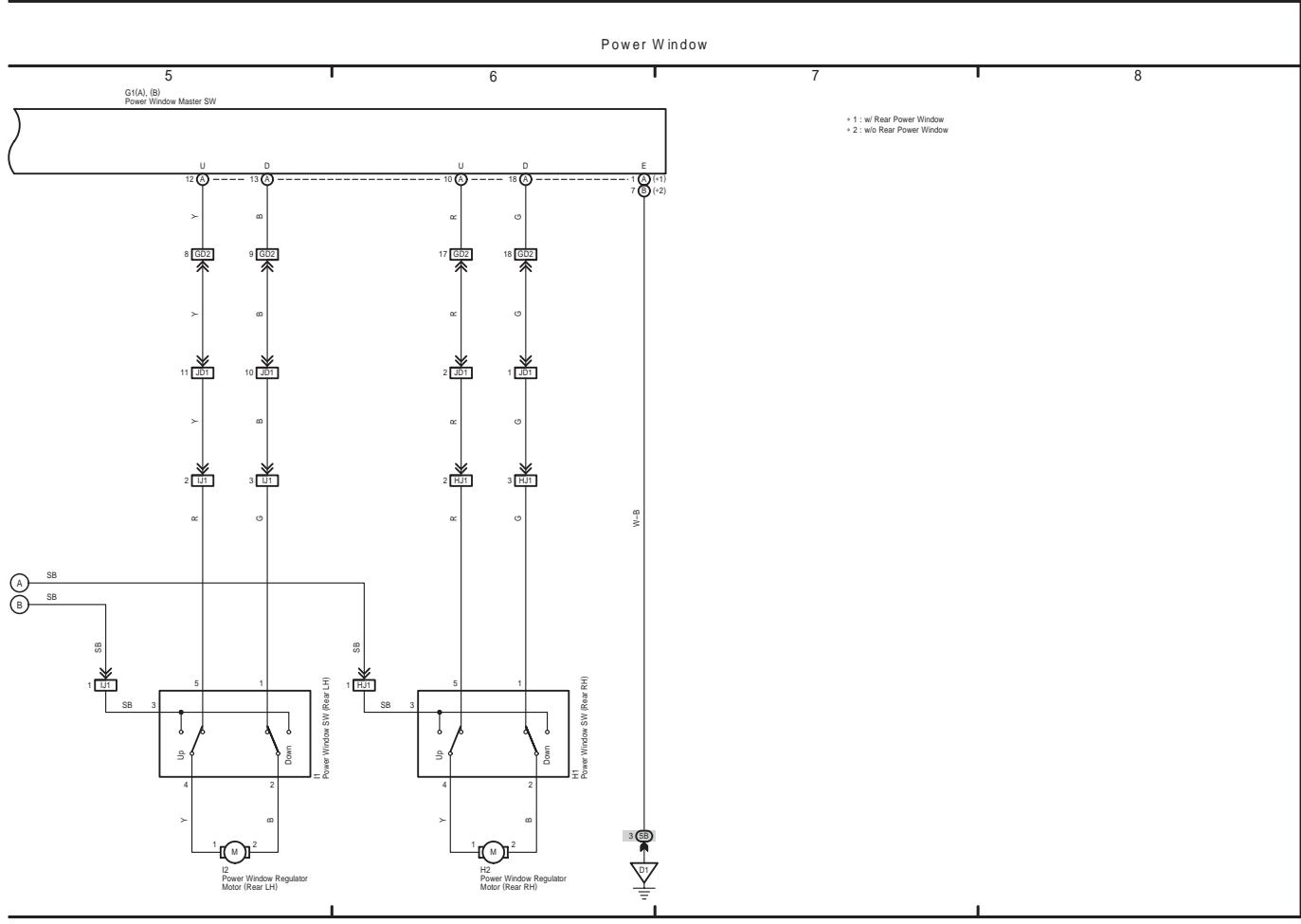
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20 YARIS

316

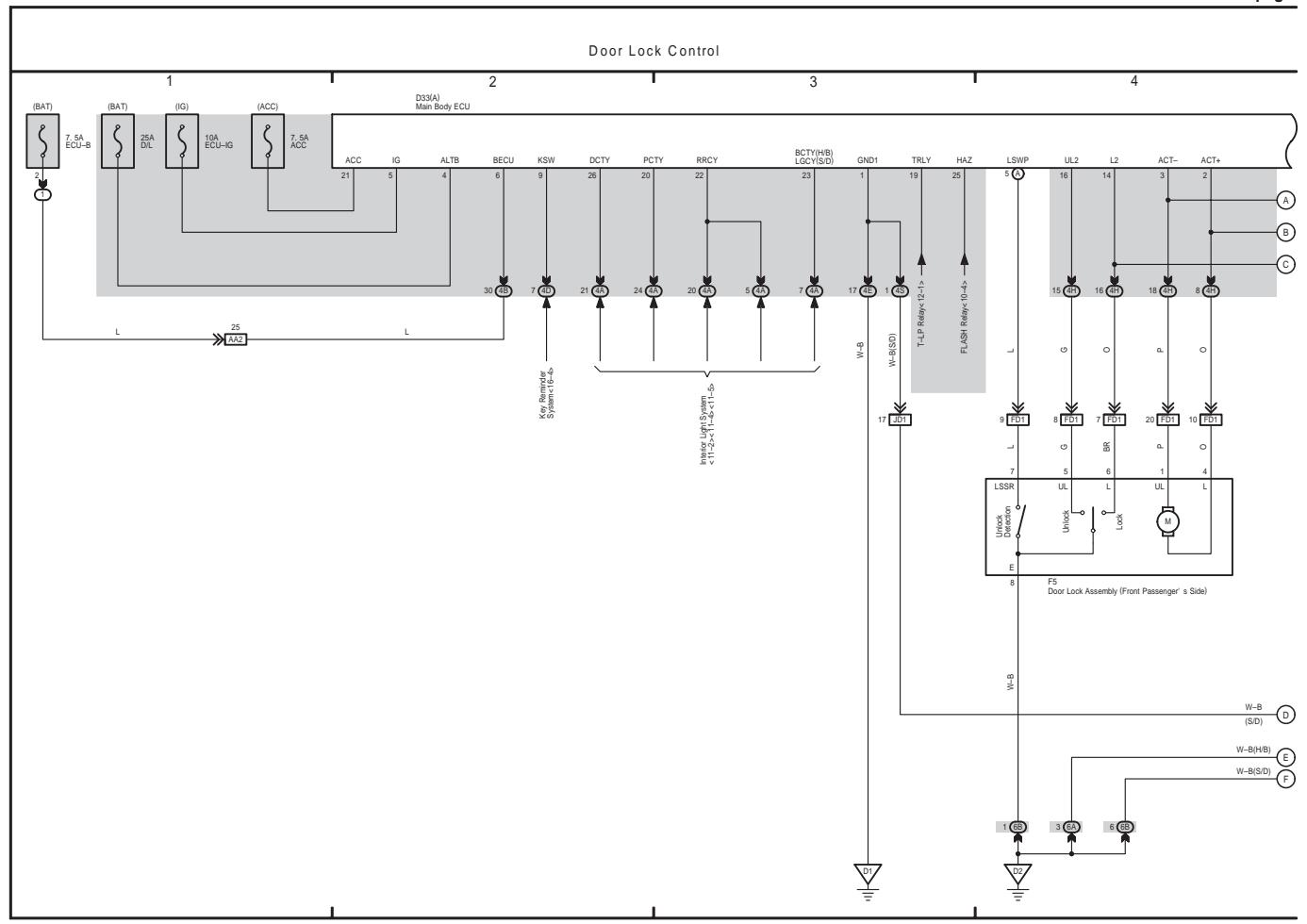


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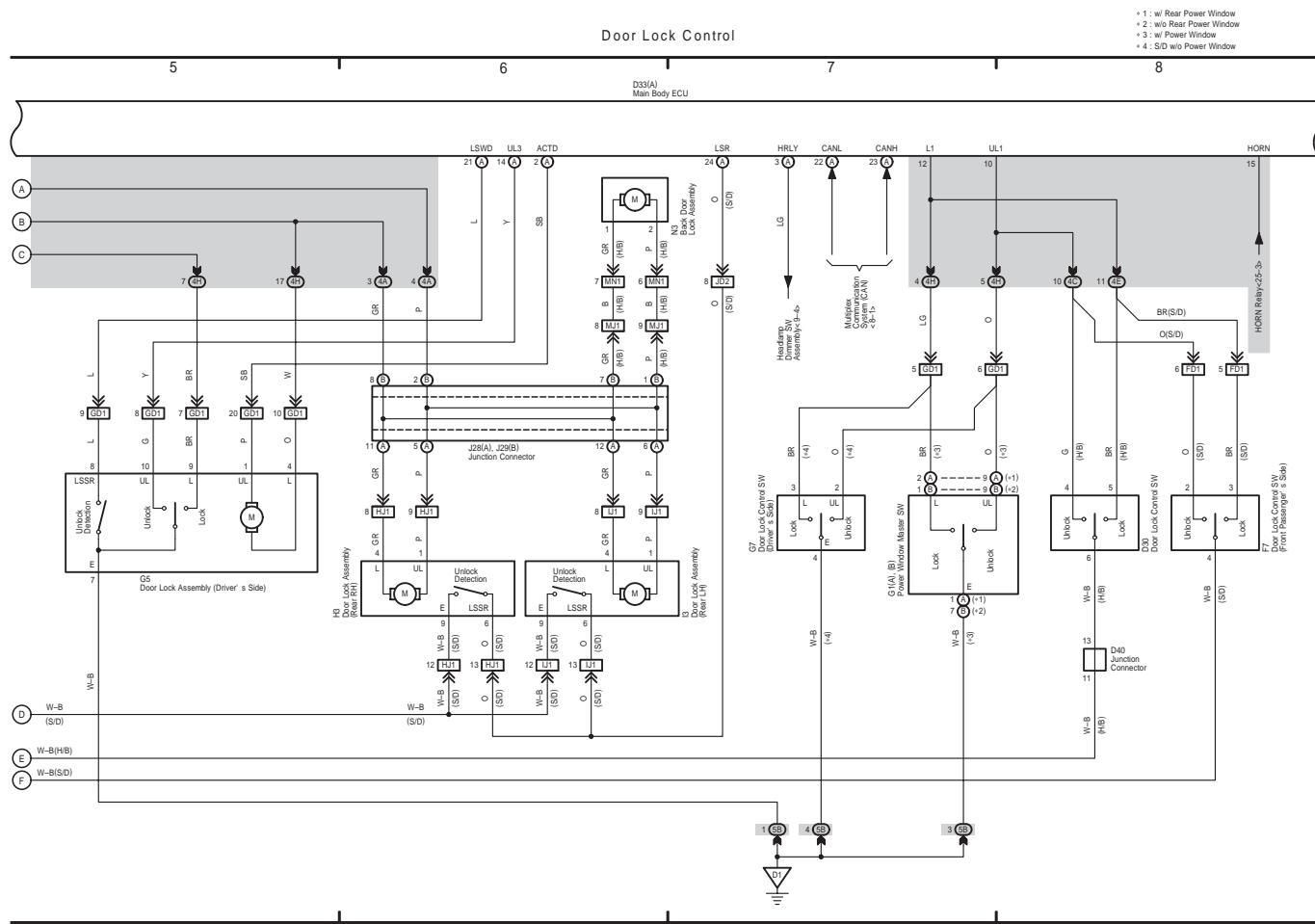
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21 YARIS

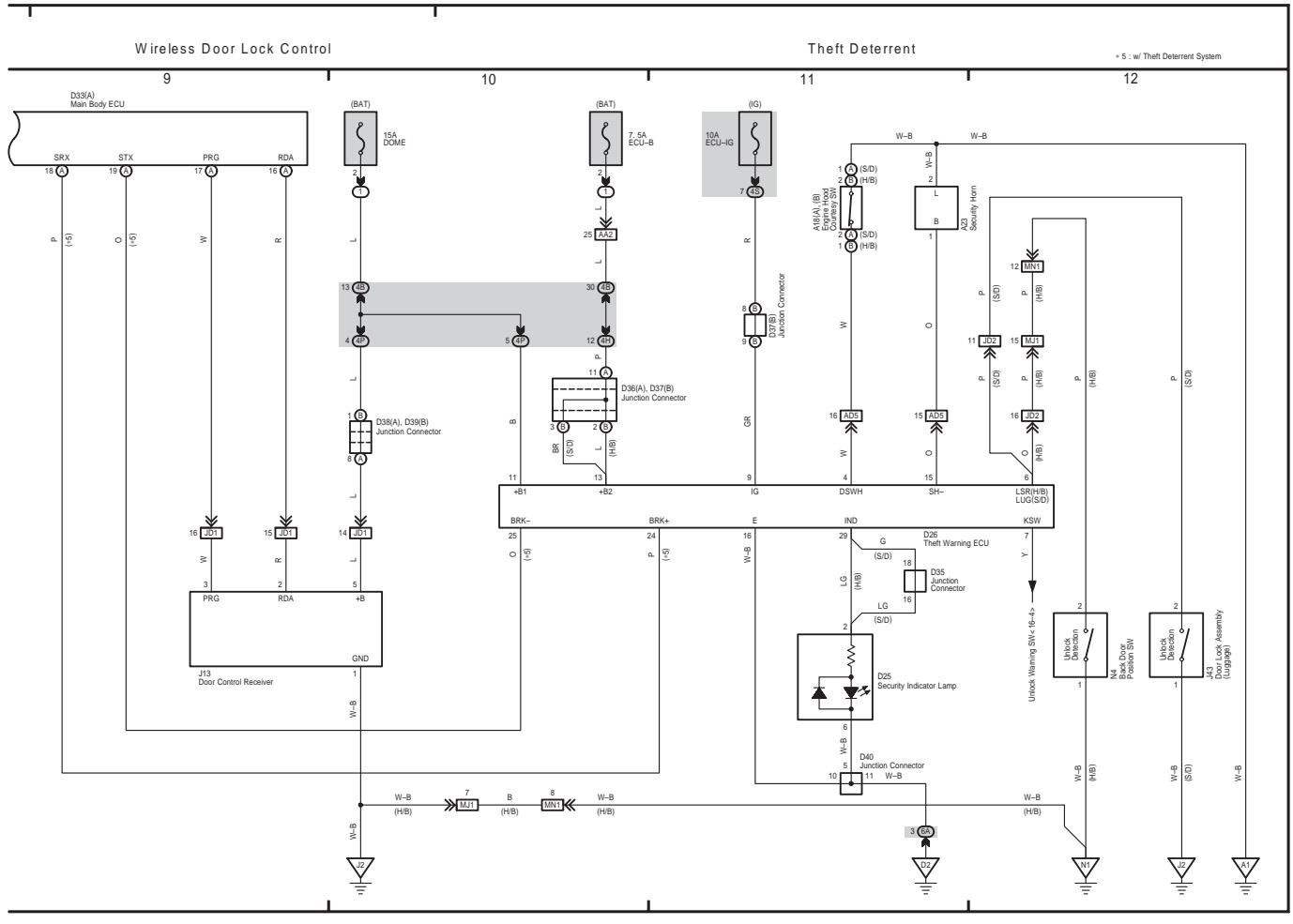


21 YARIS (Cont' d)

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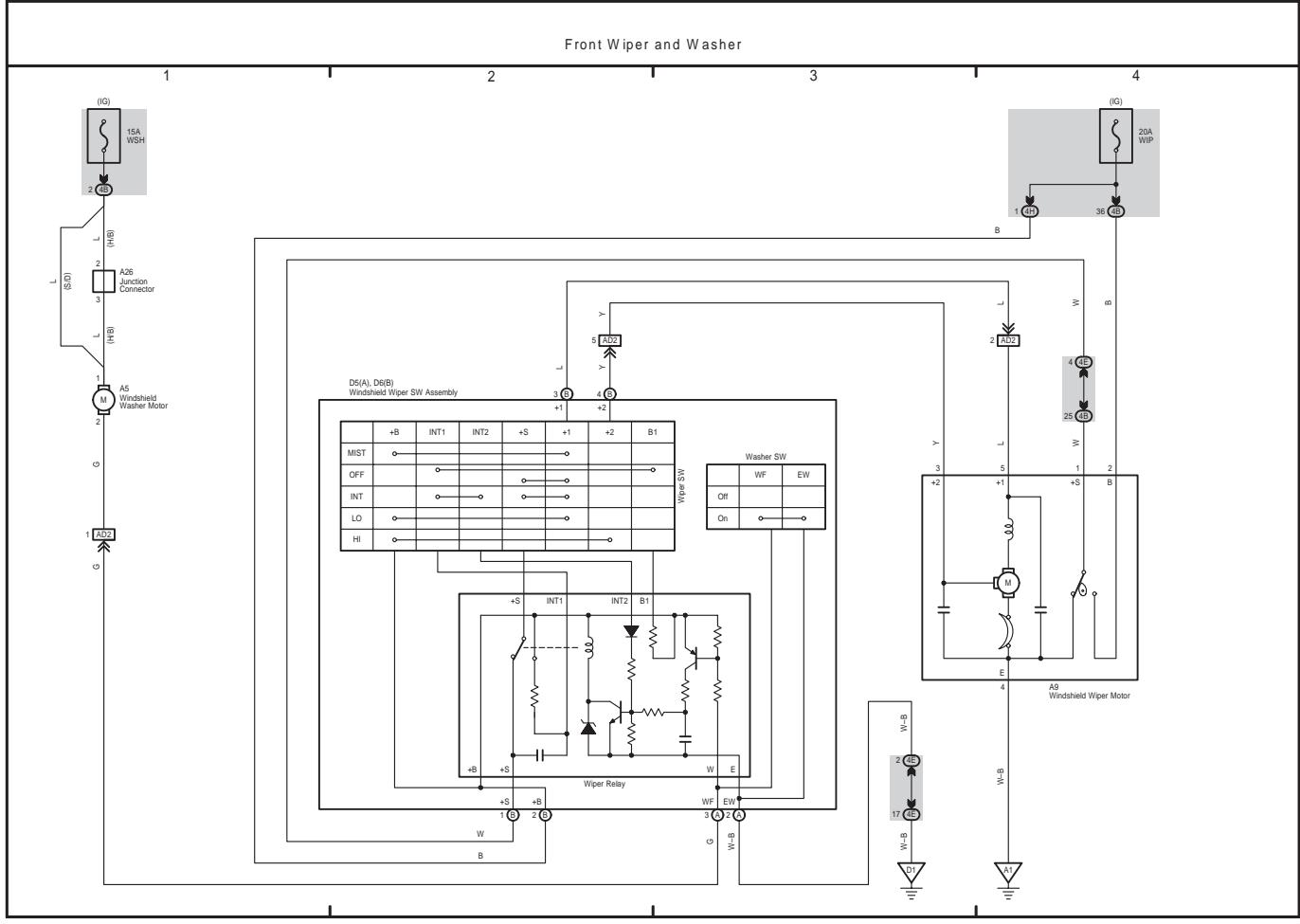


21 YARIS (Cont' d)



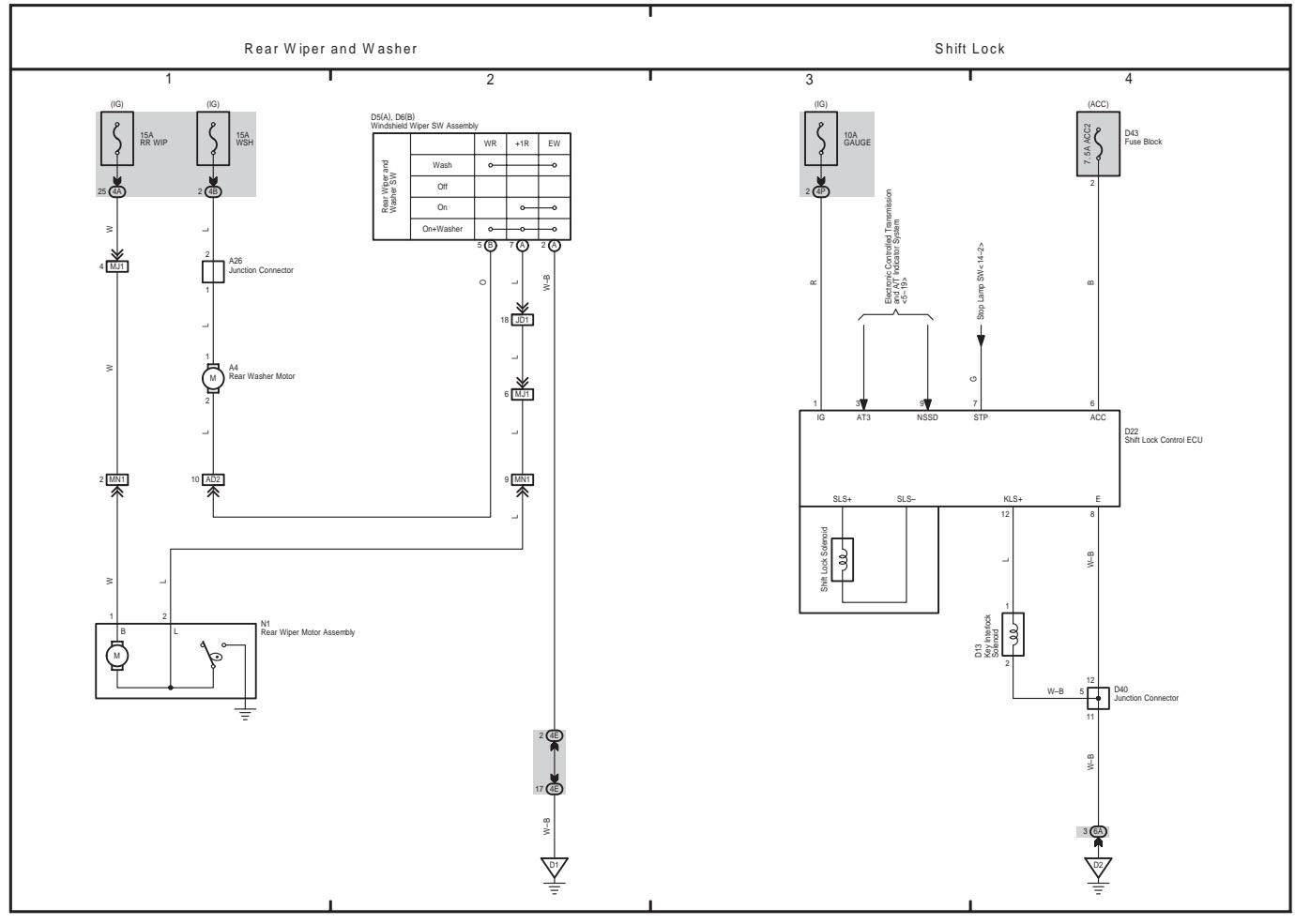
22 YARIS

Front Wiper and Washer

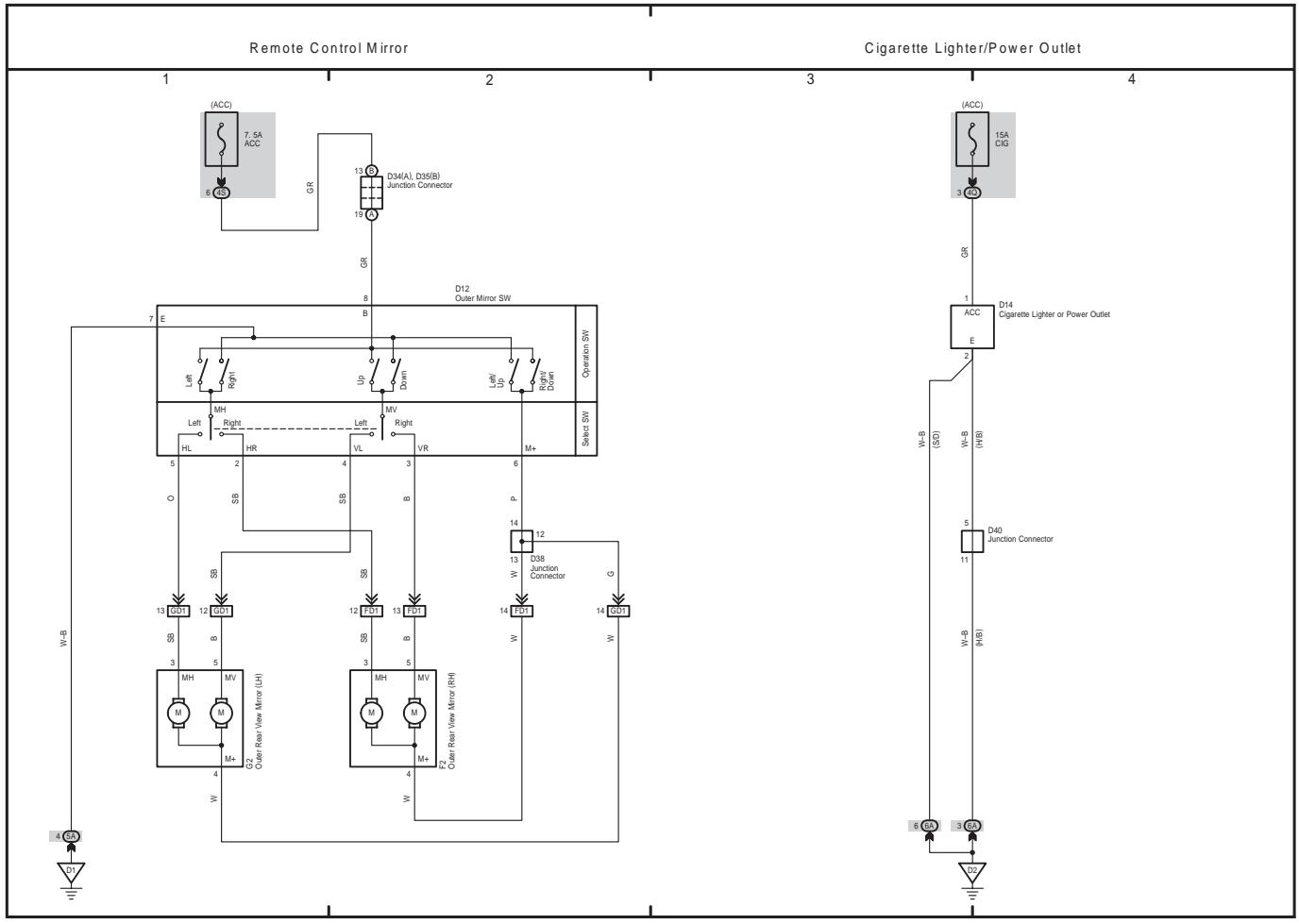


M OVERALL ELECTRICAL WIRING DIAGRAM

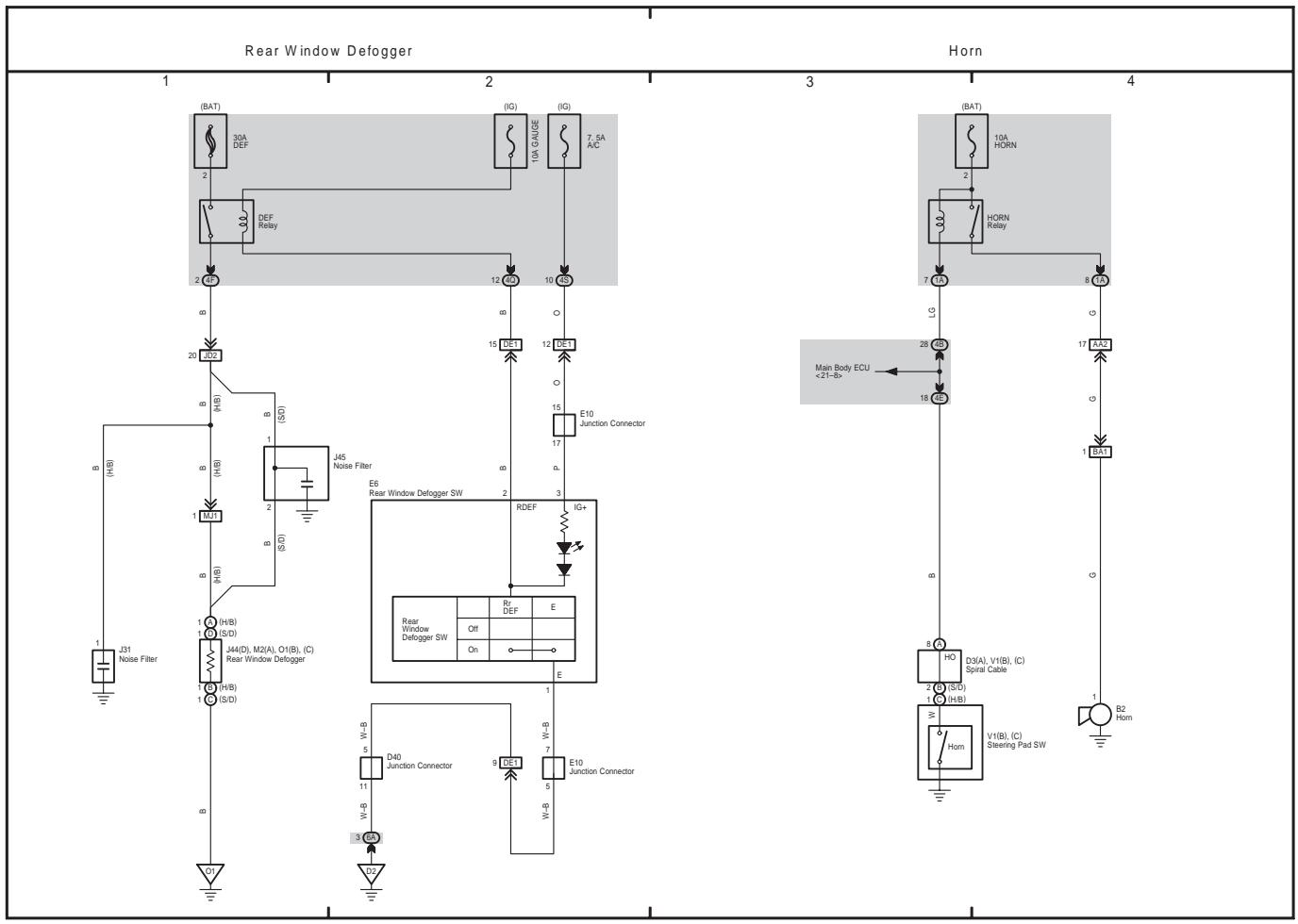
23 YARIS

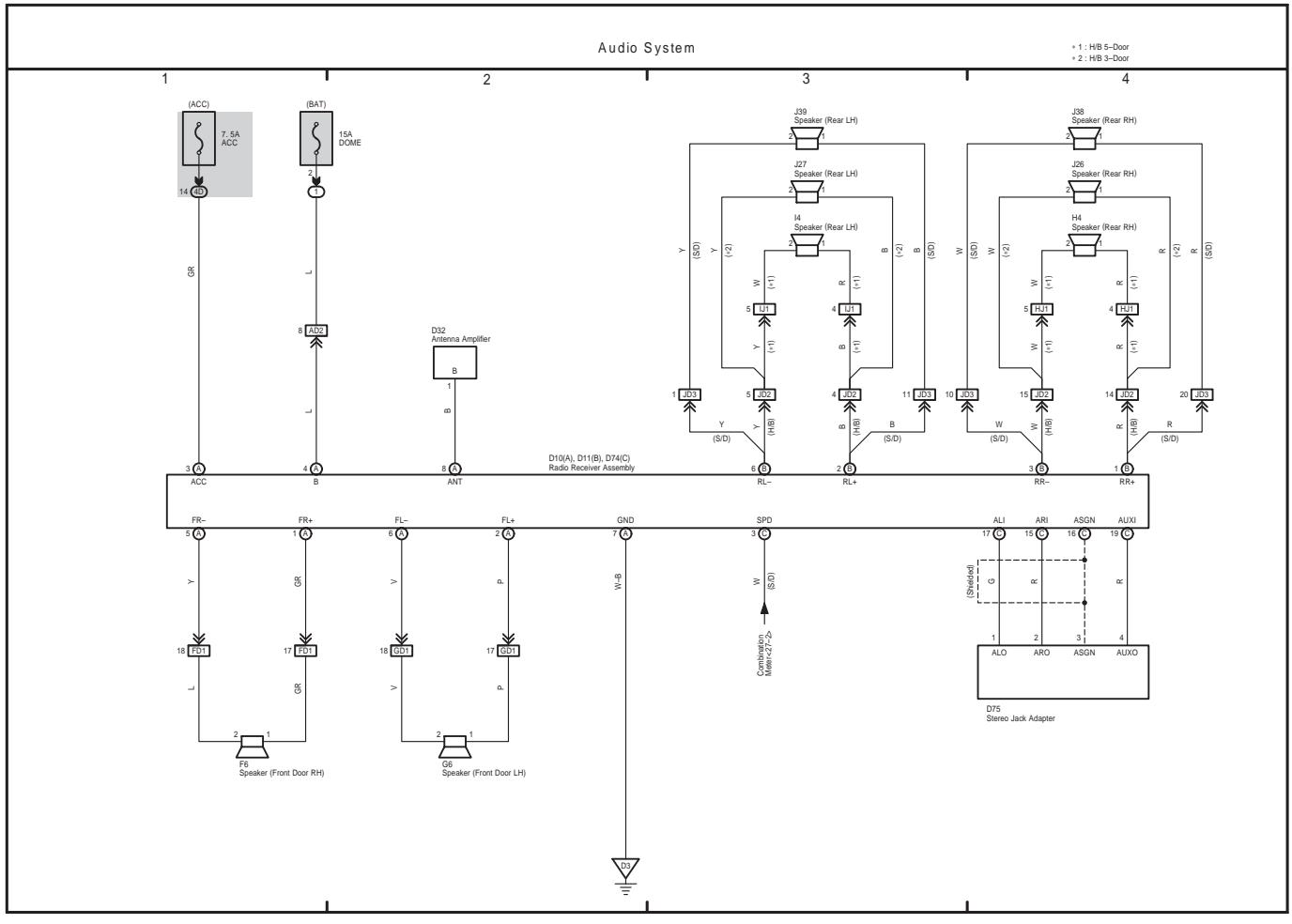


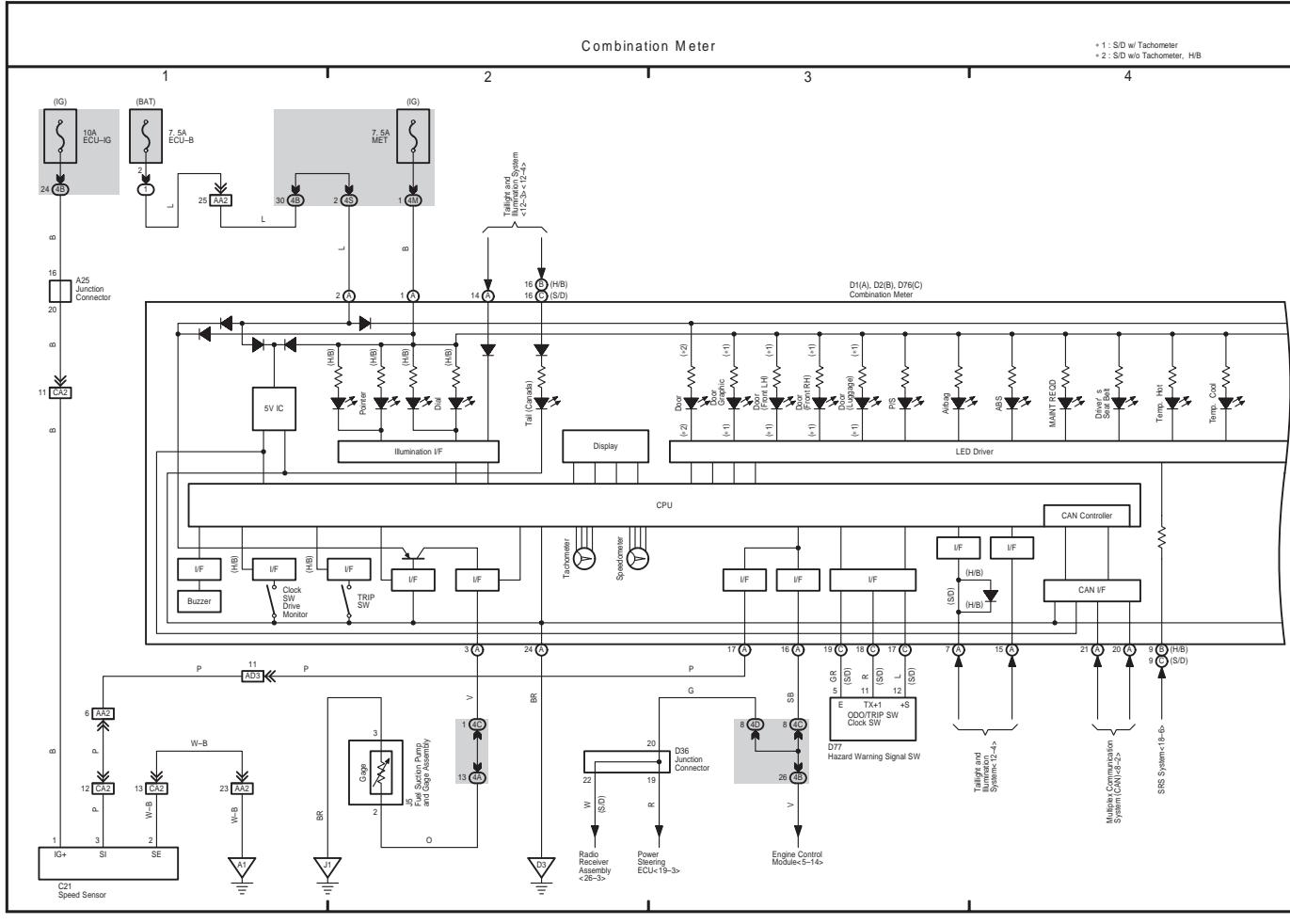
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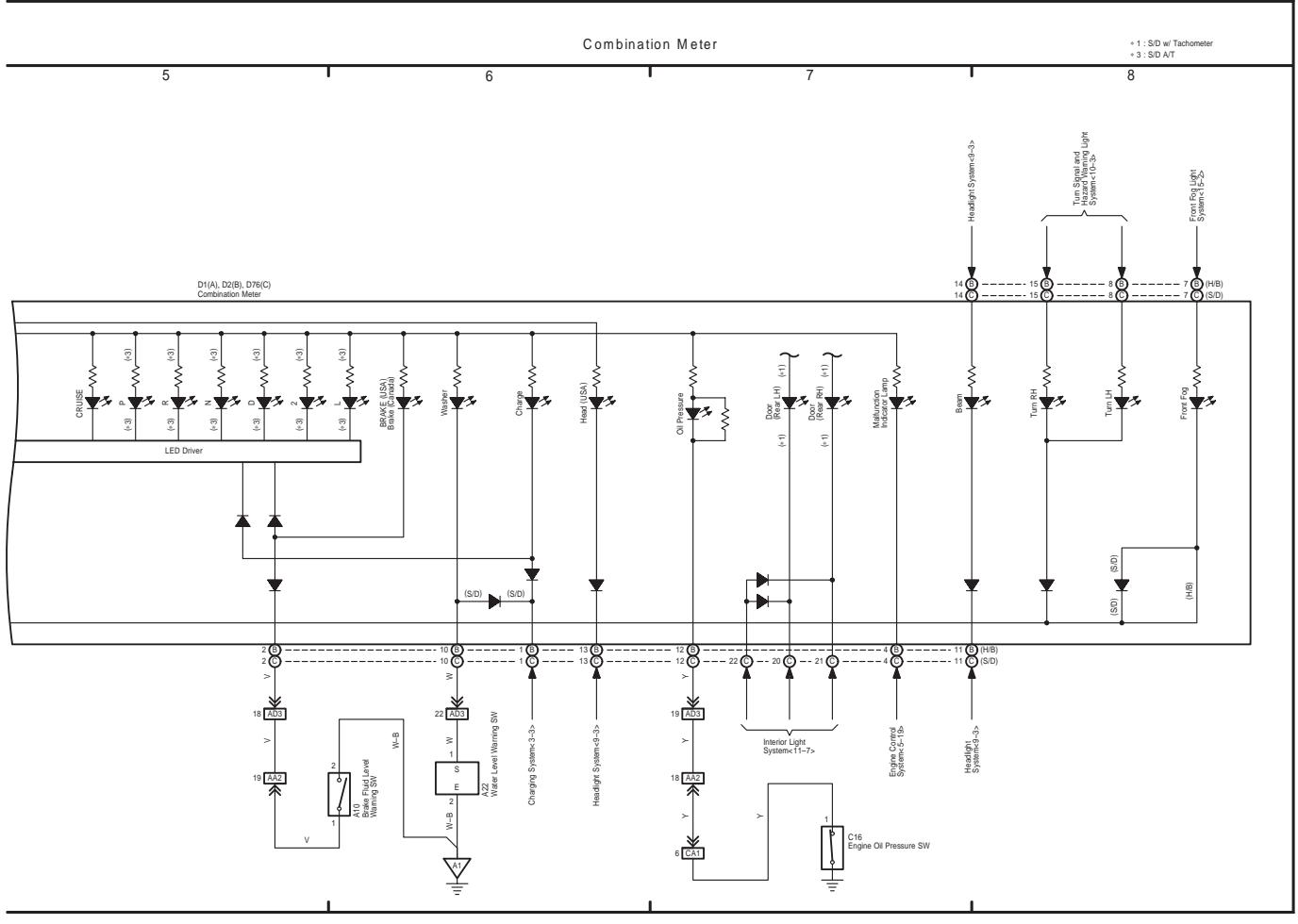
25 YARIS





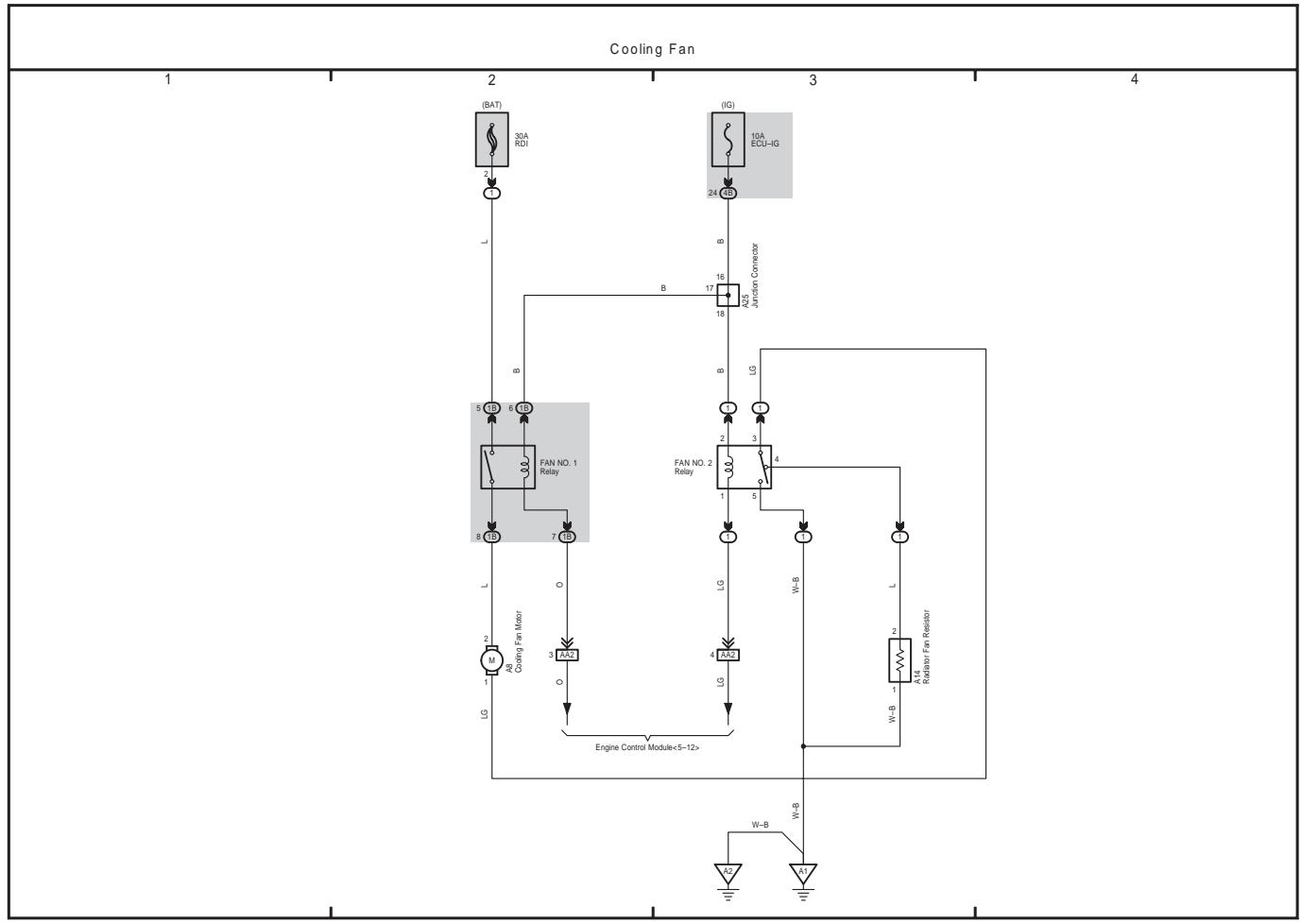


27 YARIS (Cont'd)



M OVERALL ELECTRICAL WIRING DIAGRAM

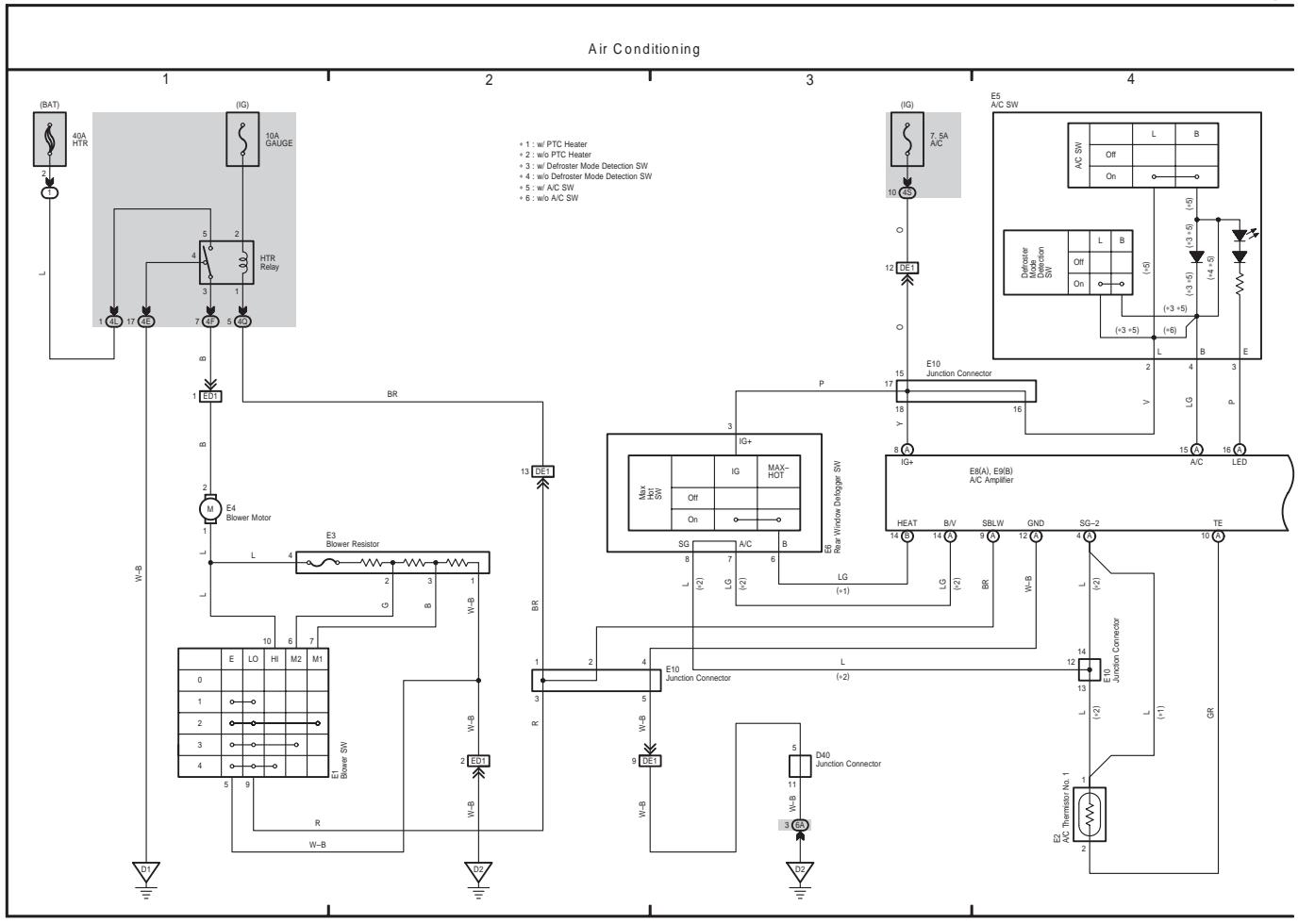
28 YARIS



M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

29 YARIS



29 YARIS (Cont'd)

