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IMPORTANT INFORMATION

This concise parts catalogue of the standard manual drive Mini has been depicted as a guide on parts and features to help fitment and decide which parts can be replaced. Some parts no longer available are not shown, but some which might have been required for restoration are shown as a guide only. Parts marked CWE means there are minimum stocks available and when depleted will become unobtainable.

This parts catalog includes mechanical parts, performance parts, body parts and a limited list of accessories. This catalog format (with spiral binding) was chosen since it is assumed that periodic updates will be available. Most part numbers used are those commonly used throughout the industry and are for the most part O.E.M. numbers. Our Monthly Newsletters should be considered a supplement to this complete catalog

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By reading through this parts catalogue and cross referencing pages all relevant information required should be obtainable. Mini Mania has no control over parts being made obsolete by the manufacturer, but will try and re-introduce the parts from original drawings and specifications when possible and viable. Mini Mania reserve the right to make changes or improvements in the construction or equipment of their products at any time.

Mini Mania continues to be the lowest price supplier in this country. Our costs are reviewed monthly to insure that your costs are maintained at the minimum **and thus a price sheet for this catalog is not available.**

Our TOLL FREE telephone line provides a cost effective way to either order your parts or get a price quote for your specific needs. (good for the 30 days)! See all our ordering information on the last page of this catalog.

Standard Abbreviations, Terms & Conversions

A/R	=	QUANTITY AS REQUIRED
I/D	=	INTERNAL DIAMETER
C.W.E.	=	CEASE WHEN STOCKS EXHAUSTED
HC	=	HIGH COMPRESSION
LC	=	LOW COMPRESSION
L/H	=	LEFT HAND
R/H	=	RIGHT HAND
LHD	=	LEFT HAND DRIVE
RHD	=	RIGHT HAND DRIVE
M	=	METRES
MPH	=	MILES PER HOUR
KPH	=	KILOMETRES PER HOUR
NLA	=	NO LONGER AVAILABLE
NO.	=	NUMBER
PR	=	PAIR
STD	=	STANDARD
O/S	=	OVERSIZE
R/H/T	=	RIGHT HAND THREAD
L/H/T	=	LEFT HAND THREAD
O/D	=	OUTSIDE DIAMETER
RELUCTOR	=	ELECTRONIC MANAGEMENT TRIGGER
CR	=	COMPRESSION RATIO
COOPER	=	ORIGINAL COOPER TO 1970
NEW COOPER	=	1990 LATEST TYPE
T.B.I.	=	THROTTLE BODY INJECTION 1991 ON
'S'	=	COOPER S PRE 1971
S.E.	=	SPECIAL EDITION COOPER, 1000 MADE JULY 1990
FUEL INJ	=	FUEL INJECTION AS PER T.B.I.
P.D.W.A.	=	PRESSURE DIFFERENTIAL WARNING ACTIVATOR
ADO16	=	AUSTIN/MORRIS 2/4 DOOR SALOON 1963-74 (ROVERS INT. REF)
ADO20	=	MINI SALOON AND VARIANTS (ROVER'S INTERNAL REFERENCE)
MS	=	MINI SPARES PRODUCT PART NUMBER
VIN	=	VEHICLE IDENTIFICATION NUMBER

CONVERSION CHART - FROM FRACTIONS TO DECIMALS

1/16"	=	.0625"
1/8"	=	.1250"
1/4"	=	.250"
3/8"	=	.375"
5/16"	=	.3125"
7/16"	=	.4375"
1/2"	=	.500"
9/16"	=	.5625"
5/8"	=	.6250"
11/16"	=	.6875"
3/4"	=	.7500"
13/16"	=	.8125"
7/8"	=	.8750"
15/16"	=	.9375"
1"	=	1.000"

IDENTIFICATION NUMBERS

8A	Austin up to 25000
8MB	Morris up to 25000
8AM	Austin/Morris 25000 on
8AH	Austin/Morris automatic
8AJ	Austin/Morris closed circuit breathing
8AK	Austin/Morris auto with closed circuit breathing
8WR	Wolseley Hornet, Riley Elf
8AC	Moke
85H/101	1969 on

On 850cc the 3rd suffix letter 'L' or 'H' denotes low or high compression, eg. 8AM/U/H101 denotes high compression.

9WR/	Wolseley Hornet/Riley Elf MKII pre closed circuit breathing
9AD/	Austin, Wolseley Hornet/Riley MKII with remote gearbox, closed circuit breathing
9AE/	Wolseley Hornet/Riley Elf MKIII
99H/-101	on Wolseley/Riley Mini Clubman, Mini 1000cc 1970 on MKIII dished piston
99H/791	Mini 1974 on dished piston
99H/997	A plus block 1980 on flat top piston, economy 2.95 ratio
99H/A97P	A plus, dished, pre A plus gears, 3.44 final drive, 12 wheels

WITH CENTER LOCATING GROOVE ON MAINCAP

1985 ON FLAT TOP WITH CIRCLIP TYPE PISTON

99H/B81	to engine 127431
99H/C20	to engine 105023
99H/997	from engine 127422, 2.9 final
99H/A53P	

99H/B81	from engine 127432
99H/C20	from engine 105024
99H/D80	

FLAT TOP WITH PRESS FIT GUDGEON PIN PISTONS (LEAD FREE)
99H/G30/G32/G33
99H/F15/16
99H/E20/E21
99H/D81
LBB10089

99H/B83P to engine 102908
99H/B84P to engine 100216

99H/D83P from engine 102909

99H/D84P from engine 100217

99H/G31

(LEAD FREE)

LBB10175

10AMW/Ta	Clubman Estate plus Austin 1100(AD016)
10H791	Clubman Saloon
10H/-/H	All Austin 1100cc 2/4 door derivatives Saloons (AD016)
10GR/Ta/H	MG1100
10GRB/Ta/H	MG1100/Wolseley 1100cc
10V/Ta/H	Vander Plas 1100cc

12G/Ta/H 1275 'S' rods Wolseley/MG/Riley/
VP1300 (ADO16)
12H379 1275GT, dynamo, neg. earth, electric fuel
pump
12H380 1275GT, alternator, electric fuel pump,
remote gearbox
12H389 1275GT, dynamo, mechanical pump,
remote gearbox
12H390 1275GT, alternator, mechanical pump,
remote gearbox
12H706 1275GT alternator, mechanical pump,
rod change
12H397 Cooper 'S' MKIII, dynamo negative earth

12H398	Cooper 'S' MKIII with alternator
12H-/	1275, Allegro, Austin 1300cc
12H610/635	Innocenti Mini with Duplex, with 11 stud head
12H719/832	Innocenti Mini with Simplex, with 11 stud head

9F/Sa/H 101 to 26376 (except 19201 to 20410,
which became 1070)

998 COOPER (January 1964 on)

9FA/Sa/H MK1 Austin pre closed circuit breathing
9FD/Sa/H MK1 Morris up to engine no.1934, all
Austin MKII

closed circuit breathing

9FD/Sa/H Morris MKII from engine number 1935 -
33660, closed circuit breathing

9FD/Xe/H 4 synchro gearbox introduced

99H/-/H Last of manufacture 1969

1275, 1990 ON 12A

12A/2A Carburettor

12A/2B Carburettor and catalyst

12A/2D TBI fuel injection 9.4CR

12A/2E TBI fuel injection 10.1CR

Following suffix:

G01 10.1CR, 3.1 final drive/catalyst,
no oil cooler

G03 9.4CR, 3.1 final drive/catalyst,
May 1992 on

G04 9.4CR, 2.76 final drive/catalyst,
France only

G05 9.4CR, Auto/catalyst

F53 10.1CR, 3.1 final drive/catalyst
with oil cooler

F75 9.4CR, TBI, 3.1 final drive
(non open loop catalyst)

F76 9.4CR, Auto (non open loop catalyst)

F77 10.1CR, TBI Cooper, 3.2 final drive
(non open loop catalyst)

COOPER 'S' VARIANTS

970CC

9F/Sa/X 29001-29003 Tecalemit filter

9FD/Sa/X Closed circuit breathing introduced,
Tecalemit filter

9FE/Sa/X Closed circuit, filter with oil switch
introduced

9F/Sa/X 29039-30029 Purolator filter with switch,
closed circuit breathing

1070CC

9F/Sa/H 26501 to 33660 plus 19201 to 20410

9FD/Sa/H 33661 to 33948 closed circuit breathing
with oil switch filter

1275CC

9F/Sa/Y 31001 to 31405 pre closed circuit
breathing, Purolator filter

9FD/Sa/Y Closed circuit breathing, oil switch
on filter after 32178

9FE/Sa/Y Closed circuit breathing, Purolator filter
with oil switch, piston change

9F/Sa/Y 32378 on, closed circuit Purolator filter
with oil switch. AEG510 camshaft
introduced at 40,006. Cross drilled
EN40B crank at 42,730, metal dipstick
and tube, 42548 on

12H397 MKIII 'S' with dynamo EN16
crank tufrided

12H398 MKIII 'S' with alternator EN16 crank
tufrided

Only Cooper 'S' with 9F prefix engines had EN40B
forged steel nitrided crankshafts. All other A series had
EN16 which was only tufrided on MKIII 'S' and
1300GT (ADO16) with 12G1683 stamping number on
crank.

CRANKSHAFT IDENTIFICATION CHART

(CASTING OR STAMPING NUMBER)

22A62/63	Early 850 with oil feed for primary gear, 1.375" tail	850cc
22A298	Early 850 thin nose crank, 1.375" diameter tail	850cc
12A670	850 crank with 1.5" diameter tail	850cc
12A298		997cc
12A375	Oil feed hole for primary gear	997cc
12A595	Early crankshaft casting	998cc
12A1451	Later specification casting	998cc
BHM1436	A plus 1985 on (12A1451 casting)	998cc
12G82		1100cc
AEG330	EN40B not cross drilled	970cc
AEG171	EN40B not cross drilled	1070cc
12G1287/8	EN16 1.625" con rod journal	1275cc not 'S'
12G1505	EN16 1.75" con rod journal	1275cc not 'S'
12G1683	12G1505 casting tufttrided 1.75" con rod journal	1275cc not 'S'
CAM6232	Rolled fillet radius on bearing journals, A-Plus, 1.75"	1275cc not 'S'
AEG315/6	EN40B not cross drilled, nitrided, 1.625"	1275 Cooper 'S'
AEG479/480	EN40B cross drilled, nitrided, 1.625"	1275 Cooper 'S'
AEG623	EN16 tufttrided 1.625" con rod journal	1275 Cooper 'S'

CASTING NUMBERS ON CYLINDER HEADS

NUMBER	INLET EXHAUST CC			NORMAL APPLICATION
2A628	1.0625"	1.000"	24.5cc	848, 998 Mini and 948 Sprite
12A1456	1.0625"	1.000"	24.5cc	848, 998 Mini and 948 Sprite
CAM4180	1.0625"	1.000"	25.5cc	998 Mini A-Plus and lead free
2A629	1.0625"	1.000"	24.5cc	948, A35 and Minor
12G202	1.156"	1.000"	26.1cc	997 Cooper, 1100 MK1
12G206	1.218"	1.000"	28.3cc	998 Cooper, MG1100
12G295	1.218"	1.000"	28.3cc	998 Cooper, MG1100
12A185	1.401"	1.218"	21.4cc	MK1 Cooper 'S'
AEG163	1.401"	1.218"	21.4cc	MK1 and 2 Cooper 'S'
12G940 variants inc Turbo	1.3125"	1.156"	21.4cc	1300, 1275GT, all late A-Plus
12G1805	1.401"	1.156"	21.4cc	MG1300, 1300GT, Cooper 'S' MK3
12G940	1.401"	1.156"	21.4cc	As line above plus MG Metro

CC = Original Combustion Chamber size.

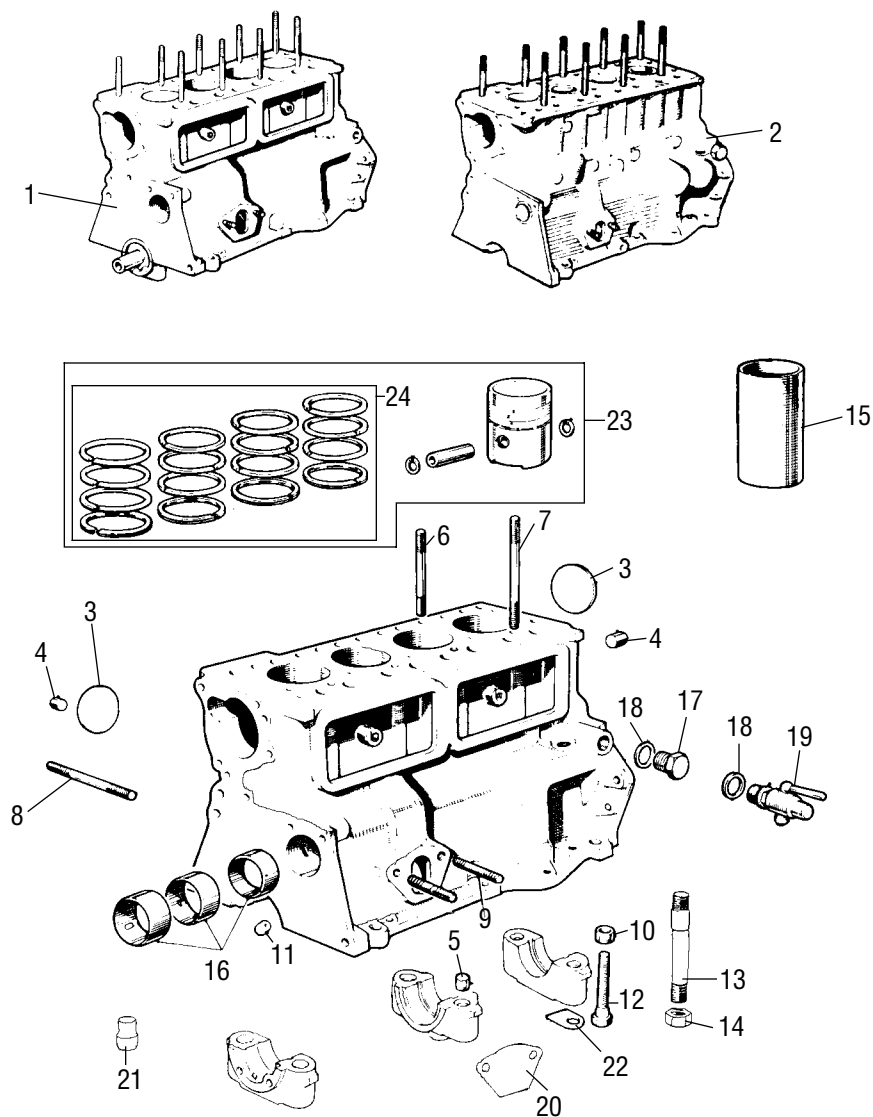
All engines with prefix GSE or RKM were of UNIPART origin when BL split its parts organisation.
'E' at the end of part numbers denotes that it is a reconditioned service unit only.

Engine number followed by 'N' indicates a new unit.

ENGINE NUMBER REFERENCE ON FACTORY REPLACEMENTS MANUAL UNITS

8G28	Oil feed to primary gear crank, 1.375" tail	850cc
8G35	Deva conversion crank, 1.375" tail	850cc
8G45	Gold seal, 1.5" diameter tail	850cc
GSE1101E	Gold seal	850cc
RKM1101E	Silver seal	850cc
BHM1307E	Gold seal 85H Prefix replacement	850cc
8G18	Oil feed to primary gear crankshaft	997cc Cooper
8G36	Oil feed converted crankshaft and primary gear	997cc Cooper
8G29	Deva bush	997cc Cooper
8G33	Fitted with 28G193 cylinder head (12G202)	998cc Cooper
8G40	28G222 cylinder head introduced (12G295)	998cc Cooper
8G42	Closed circuit breathing rocker cover/sideplates	998cc Cooper
8G49	Purolator oil filter pressure switch introduced	998cc Cooper
GSE1103E	Gold seal, was RKM1120E silver seal	998cc Cooper
RKM1103E	Silver seal	998cc Cooper
8G156E	Mini and Austin 1100 (ADO16)	1100cc Clubman and Special
RKM1150E	Mini Clubman silver seal unit	1100cc Clubman and Special
RKM1151E	Mini Clubman silver seal unit	1100cc Clubman and Special
BHM1042	New and gold seal 1974 to 1980	1100cc Clubman and Special
BHM1229	New and gold seal, A plus block 1980 on	1100cc Clubman and Special
8G57	998 new from 1969 and exchange for all pre A plus	998cc Mini pre A plus to 1981
GSE1102E	Gold seal, was RKM1119E silver seal	998cc Mini pre A plus to 1981
RKM1102E	Silver seal	998cc Mini pre A plus to 1981
RKM1119E	Silver seal, replaced by RKM1102E	998cc Mini pre A plus to 1981
BHM1232	LC piston/CAM6267 cam, early cyl/head crank	998cc Mini A plus
BHM1377	HC piston/CAM4717 cam, early cyl/head crank	998cc Mini A plus
BHM1458	LC piston/CAM6267 cam, late A-PLUS mains/cyl head	998cc Mini A plus
BHM1460	HC piston/CAM4717 cam, late A-PLUS mains/cyl head	998 Mini A-PLUS press fit pin piston
introduced		
LBB10089	LC lead free/CAM6267 cam, late A-PLUS mains/cyl head	998 Mini A-PLUS press fit pin piston
8G200	New and gold seal	Mini 1275GT
38G527	New and gold seal, for 12H706/707/831	Mini 1275GT
RKM1130E	Silver seal, was RKM1112E	Mini 1275GT
RKM1152E	Silver seal	Mini 1275GT
RKM1112E	Silver seal	Mini 1275GT
BHM1220	A-Plus	Mini 1275GT
8G199E	Gold seal, with Duplex	1300GT Innocenti Mini, 11 stud cyl head
38G559E	Gold seal, with Simplex, 12H719/832	1300GT Innocenti Mini, 11 stud cyl head
GSE1109E	Gold seal	1300GT Innocenti Mini, 11 stud cyl head
RKM1133E	Silver seal	1300GT Innocenti Mini, 11 stud cyl head
BHM1209E	Gold seal, replaced all Innocenti 12H610/635/719/832	1300GT Innocenti Mini, 11 stud cyl head
8G38	Gold seal pre-closed circuit breathing	970cc
8G41	Closed circuit breathing sideplates introduced	970cc
8G46	Gold seal oil filter with pressure switch	970cc
8G133	Gold seal pre-closed circuit breathing	1070cc 'S'
8G153	Closed circuit breathing sideplates introduced	1070cc 'S'
8G145	Pre-closed circuit breathing	1275cc
8G154	Closed circuit breathing sideplates introduced	1275cc
8G155	Oil filter with pressure switch introduced	1275cc
8G174	Fitted with AEG510 Cam	1275cc
38G464	Introduced in 1970 most with EN16 crank	1275cc

BLOCK COMPONENTS AND PISTONS



BLOCK COMPONENTS AND PISTONS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	BHM1439MS	Block bare 998cc	1	A-Plus
2	BHM1441MS	Block bare 1300cc (no tappet side plate covers)	1	A-Plus
3	CP8	Core plug (1.625" diameter)	4	850/998/1100, not A-Plus
3	CP7	Core plug (1.326" diameter)	5	1300cc and all A-Plus
3	CP10	Core plug (1.647" diameter)	4	All Cooper 'S'
4	12G3503	Oil gallery plug	2	
5	8M104	Oil release passage	2	Use TAM2009 85 on
6	CAM150	Block to head stud long	3/4	Qty decreased for TAM1617
7	CAM151	Block to head stud short	5/6	Extra for Cooper 'S'
7	TAM1617	Block to head stud short	1	Extra threads to hold coil
8	Bolt01	Filter to block bolt	2	For spin on filter only
8	53K615	Filter to block stud	2	For paper element
9	CHS2515	Petrol pump stud	2	
10	2A54	Dowel - main bearing cap	6	Except 1300cc
10	12G1268	Dowel - main bearing cap	6	1300cc Except 'S'
11	1A1964	Camshaft oil feed restrictor	1	
12	12A1910	Mains bolt	6	Except 1300cc
12	12G1398	Mains bolt	6	1300cc
13	AEG323	Mains stud set (6 studs)	1set	Cooper 'S' only
14	C-AJJ4013	Mains nut set (6 nuts)	1set	Cooper 'S' only
15	12G164	Liner	4	Not 'S' or 1300cc
15	SU3875	Liner (was AEG239)	4	1300cc, all 'S'
16	VPC989	Camshaft liner bearings	1	1300cc, all 'S'
16	VPC956	Camshaft liner bearings	1	Not 1300cc, 'S'
17	53K2853	Drain plug	1	
18	6K838	Drain plug washer	1	
19	3H576	Tap cylinder drain	1	N.L.A.
20	2A265	Petrol pump blanking plate, (uses CAM6657B gasket)	1	
21	22H983	Engine to gearbox case dowel	1	
22	6K927	Main bearing lock tab except Cooper 'S'/1300cc	6	
23	15037	850 Piston set 8.3 to 1 CR	1	
23	20773	998 Piston set 4 ring	1	
23	20950	998 Powermax flat top piston set	1	
23	16309	998 Dished piston set 8.3 to 1 CR	4	Circlip type gudgeon pin
23	ADU3490	998 Flat top piston 10.3 to 1 CR	4	Circlip type gudgeon pin
23	TAM2052	998 Flat top piston 10.3 to 1 CR	4	Press fit gudgeon pin
23	TAM2054	998 Dished piston 8.3 to 1 CR	4	Press fit gudgeon pin
23	16179	1100 Dished piston 8.5 to 1 CR	1	
23	21250	1275 Piston set 9.4 to 1 CR	1	Metric ring sizes
23	21251	1275 Piston set 8.8 to 1 CR	1	Metric ring sizes
23	21253	1275 Piston set 9.7 to 1 CR	1	Metric ring sizes
23	20747	1275 Powermax 9.7 to 1 CR	1	Metric ring sizes
23	21882	1275 Powermax flat top	1	Metric ring sizes
23	C-AJJ3378	1275 Omega dished piston set 9.7 to 1 CR	1	20/40/60 oversizes
23	C-AJJ3382	1275 Omega flat top piston set	1	20/40/60 oversizes

See following page for piston rings and ring sizes.

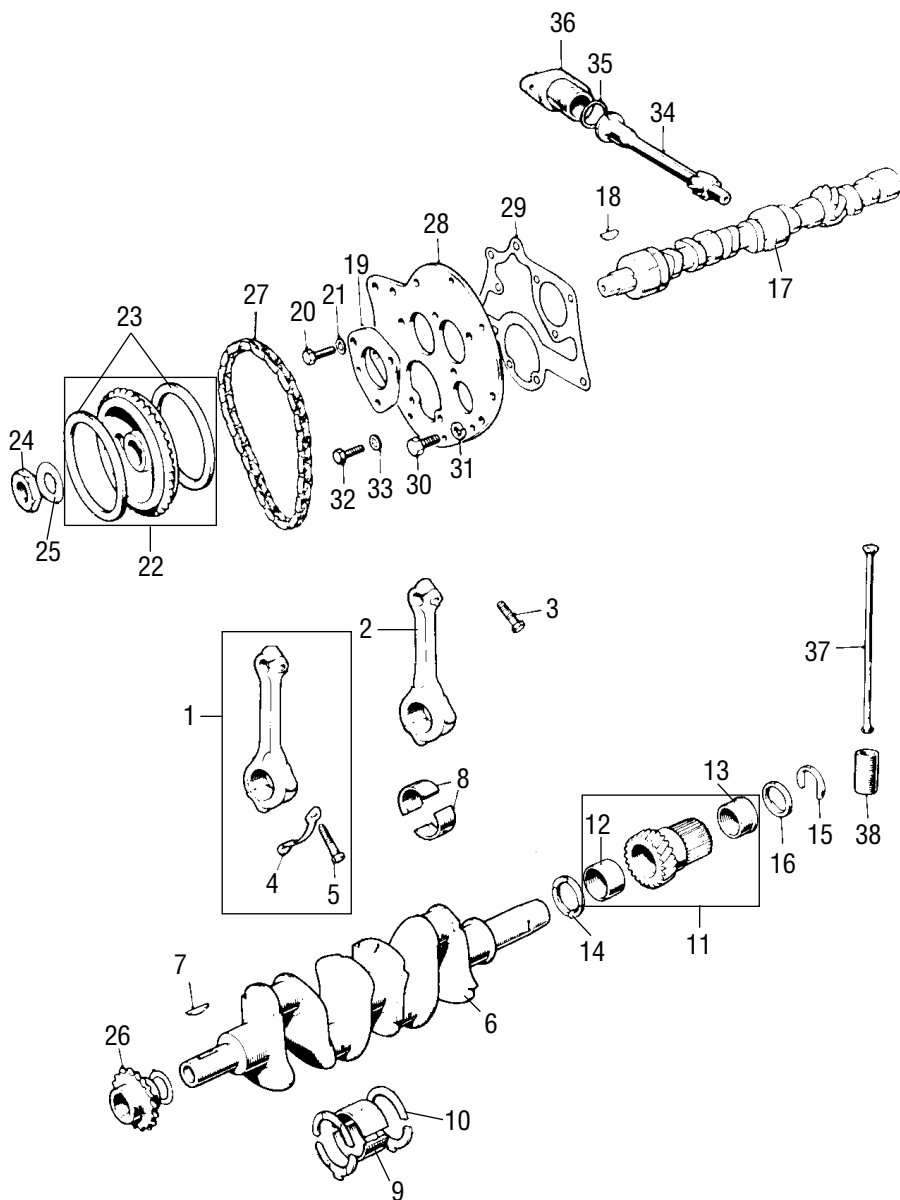
PISTON RINGS AND SIZES

Engine & Bore Size	Rings including oil ring & ring size	Hepolote ring part number	Rover ring part # STD & /20 only	Piston part number	Piston shape	Remarks
<i>850cc</i> 62.916mm 2.477" std /20 /30 /40 /60	4 3x.070" 1x 0.125"	RA8576	BHM1161	12A120		Use 15037
	5 3x .070" 2x 0.125"	RA8577		15037		
<i>998cc</i> <i>Cooper</i> 2.542" std /20 /30 /40 /60	3 2x .0625" 1x 0.1575"	R39400		20950	Flat top 20950 with 9.7 CR	Powermax was 18516
	4 3x .0625" 1x 0.125"	R32026	BHM1162	12A674	Flat top with raised "D"	Rings also fit 18516
<i>998cc</i> 64.567mm 2.542" std /20 /30 /40 /60	4 3x .0625" 1x .125"	R32026	BHM1162	12A673 16309	Dished Piston with 8.3 CR	to 1979
	4 3x .0625" 1x .1575"	R33636	BHM1281	ADU3920	Flat Top with 10.3 CR	1980 on, until changed to 3 ring pistons
	4 3x .0625" 1x .1575"	R33636	BHM1281	ADU3922 20773	Dished Piston with 8.3 CR	
	3 2x .0625" 1x .1575"	R39400	BHM1415	ADU3490	Flat Top with 10.3 CR	3 ring pistons up to introduction of press fit gudgeon pin, 1988
	3 2x .0625" 1x .1575"	R39400	BHM1415	ADU4203	Dished Piston with 8.3 CR	
	3 2x .58" 1x .1181"		BHM1629	TAM2052	Flat Top	Press fit gudgeon pin only, 1989 on
	3 2x .58" 1x .1181"		BHM1629	TAM2054	Dished	
<i>1100cc</i> 64.567mm 2.542" std /20 /30 /40 /60	4 3x .0625" 1x .1250	RA17926	BHM1162	20397	7.0cc Dish	
	5 3x .0625" 2x .125"	RA17927		16179	3.0cc Dish	
	3 2x .0625" 1x .1575"	RA17926		18520KR	Flat Top	

PISTON RINGS AND SIZES

Engine & Bore Size	Rings including oil ring & ring size	Hepolote ring part number	Rover ring part # STD & /20 only	Piston part number	Piston shape	Remarks
<i>1275cc</i> 70.625mm 2.780"std /20 /30 /40 /60	4 3x .0625" 1x .1562"	RA21576	BHM1164	17271	Dished 8.8 CR	1275GT & 1275 non "S"
	4 3x .0625" 1x .1562"	RA21576	BHM1284	20394	Dished 8.8 CR	1275GT & 1275 non "S"
	3 2x .0591" 1x .1575"	RA35960		21251	Dished 8.8 CR	Latest Metric piston
	4 3x .0469" 1x .1562"	RA19520 can use RA39380	BHM1165 std/20 oversize	AEG143	Dished 9.7 CR	Original "S" 1300GT, use
	3 2x .0625" 1x .1562"	RA26686	BHM1166	19320	Dished 9.7 CR	Later "S" and 1300/1275GT
	3 2x .0591" 1x .1181"	R41570		21253	Dished 9.7 CR	Metric Sized Pistons
	3 2x .0591" 1x .1575"	R35960		21250	Dished 9.4 CR	Metric Sized Pistons
	3 2x .0625" 1x .1575"		BHM1260	ADU5704	Dished 9.4 CR	Turbo Mini
<i>Powermax Competition</i> 70.625mm 2.780" std /20 /40 /60	3 2x .0469" 1x .1562"	R39380 CWE Can use R19520	BHM1415	18517 18518	Dished 9.7 CR Flat Top	Forged, use 20747 use 21882
	3 2x .0469" 1x .1562"	R39380		20747	Dish - 6.6cc 9.7 CR	Squeeze Cast
	3 2x .0469" 1x .1562"	R39380		20739	Flat Top	Squeeze Cast use 21882
	3 1x .0394" 1x .0469" 1x .1181	R41720		21882	Flat Top	Squeeze Cast
<i>OMEGA</i> 2.780"	3 2x .047" 1x .1575"	C-AJJ3379		C-AJJ3378 C-AJJ3382	Dished Flat Top	Hi-grade cast light alloy
<i>OMEGA</i> 73.5mm	3 2x .047" 1x .1575"	OMEGA1		See Performance Parts (Section 12)	7 or 11cc Dish or	Hi-grade cast light alloy
<i>OMEGA</i> 74mm	3 2x .047" 1x .1575"	OMEGA5			Flat Top	Hi-grade cast light alloy
<i>Powermax</i> 73.5mm std, +20 only	3 2x .0591" 1x .1575	R39390		20659	Dished 9.6 CR	Squeeze Cast 1275-1380cc

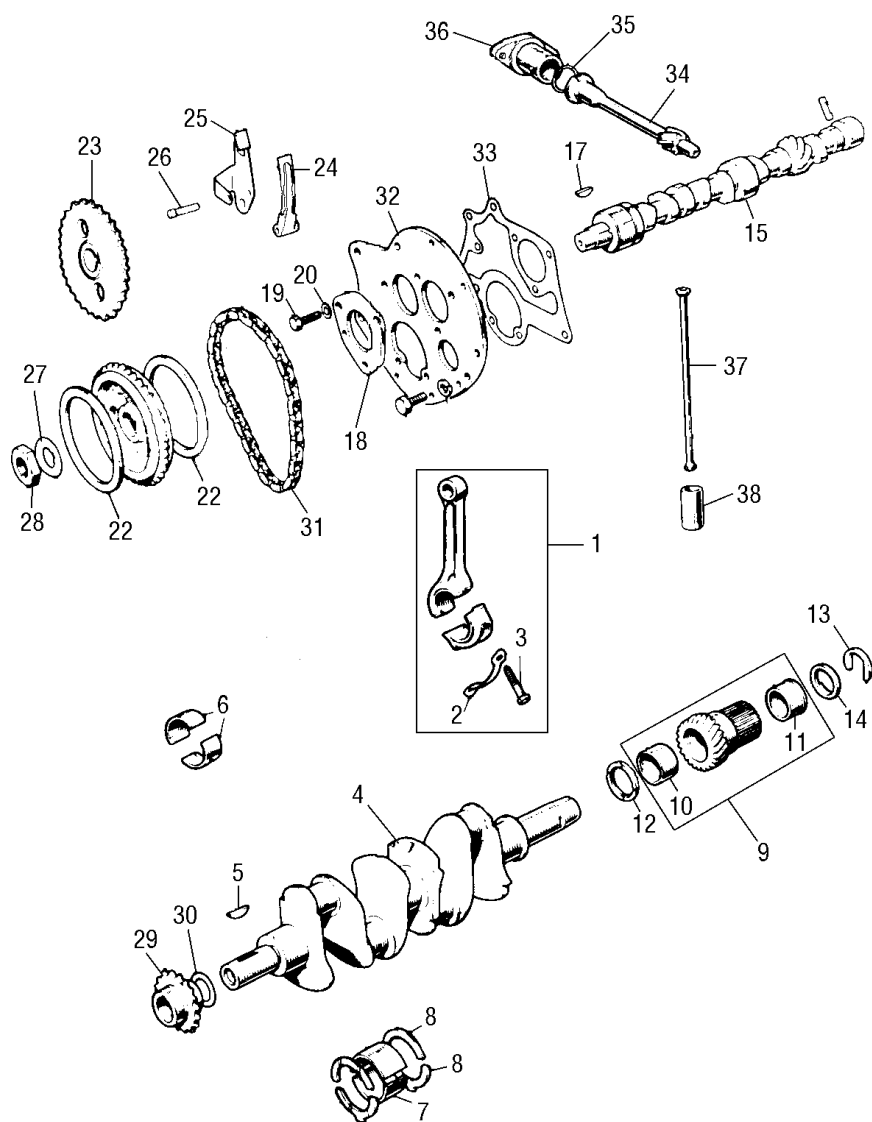
850cc MINI AND 997cc COOPER BLOCK



850CC MINI AND 997CC COOPER BLOCK

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	12A1626	Connecting rod no. 2 and 4	2	
2	12A1627	Connecting rod no. 1 and 3	2	
3	51K1382	Small end bolt	4	NLA
4	2A660	Locktab for con rod bolt	4	
5	12G2217	Big end bolt	8	BEB-08 High-grade bolt
6	8G2734	Crankshaft 1.5" diameter tail size (12A670 casting)	1	850cc
6	12A298	Crankshaft 1.5" diameter tail size (12A298 casting)	1	NLA 997cc
7	6K836	Crankshaft key	1	
8	VP572/size	Con rod bearing set	1	
9	9M132/size	Mains bearing set journal width 1.185 thou 30.10mm	1	850cc
9	VP733/size	Mains bearing set journal width 1.064 thou 27.05mm	1	850/997cc
10	2T4092	Thrust washer set VPW94	1	850cc
10	VPW81	Thrust washer set	1	997cc
11	22A493	Primary gear only fits 1.5" diameter crank tail only	1	Not early 850 1.375"
12	22G401	Bush front for cranks with 1.5" diameter (DAM8887)	1	
13	22G109	Bush rear for cranks with 1.5" diameter	1	
14	22A321	Thrust washers 2.79-2.84mm (.110-.112")	1	✓ These shims are used to
14	22A322	Thrust washers 2.84-2.89mm (.112-.114")	1	⇔ give the correct end
14	22A323	Thrust washers 2.89-2.94mm (.114-.116")	1	⇔ float of 3-6 thou on the
14	22A324	Thrust washers 2.94-2.99mm (.116-.118")	1	⇔ primary gear, check 22A319
14	22A450	Thrust washers 2.99-3.04mm (.118-.120")	1	and 88G459 for wear.
15	22A319	U Clip thrust washer	1	
16	88G549	Backing ring	1	
17	8G712	Camshaft	1	850cc
17	2A948	Camshaft (also- 88G229)	1	997cc
18	WKN505	Key	1	
19	AHU2379	Camshaft plate was 2A84	1	
20	GHF117	Locating plate bolt	3	
21	GHF321	Locating bolt shake-proof washer	3	
22	2A85	Camshaft gear with tensioners	1	
23	8G549	Tensioner rubber rings	2	
24	6K629	Camshaft nut	1	
25	2A759	Locktab	1	
26	8G725	Crankshaft gear	1	
27	3H2127	Timing chain	1	
28	2A970	Front plate	1	NLA
29	12G619	Gasket	1	
30	GHF120	Screw, plate to block	2	
31	LWZ305	Washer	2	
32	53K2016	Screw plate to maincap	2	
33	WF600041	Washer (Landrover part)	2	
34	12G4499	Distributor drive spindle	1	
35	13H2792	'O' Ring distributor housing	1	
36	12A1136	Distributor housing	1	NLA
37	2A14	Push rod	8	
38	2A13	Cam follower	8	
38	AEG584	Cam follower with oil hole	8	High grade

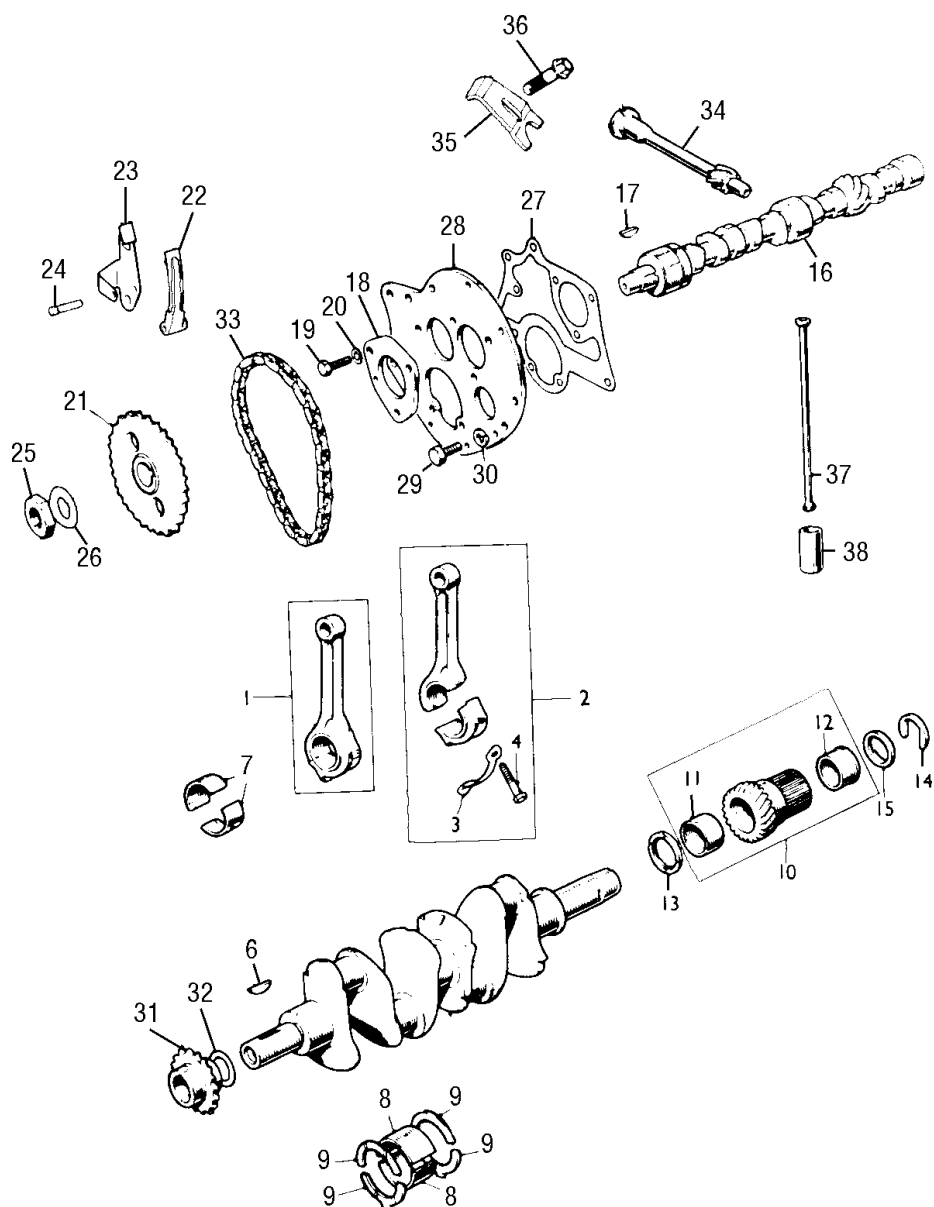
998cc, 1100cc AND 998cc COOPER - TO 1980



998CC, 1100CC AND 998CC COOPER - TO 1980

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	12G123	Connecting rod number 2 and 4	2	
1	12G126	Connecting rod number 1 and 3	2	
2	2A660	Locktab	4	
3	12G2217	Big end bolt	8	BEB-08 High-grade bolt
4	8G2733	Crankshaft (casting number 12A595) (12A1451)	1	998cc and Cooper 998cc
4	8G2732	Crankshaft (casting number 12G82)	1	1100cc
5	6K836	Crankshaft key	1	
6	VP572	Con rod bearings	1	Also in 10/20/30/40 oversize
7	VP733	Mains bearings	1	Also in 10/20/30/40 oversize
8	VPW81	Thrust washer set	1 set	Also in 03/30 thou oversize
9	22A1493	Primary gear (24 teeth)	1	
10	DAM8887	Bush front was 22G401	1	
11	22G109	Bush rear	1	
12	22A321	Thrust washers 2.79-2.84mm (.110-.112")	1	✓ These shims are used to
12	22A322	Thrust washers 2.84-2.89mm (.112-.114")	1	⇔ give the correct end float
12	22A323	Thrust washers 2.89-2.94mm (.114-.116")	1	⇔ of 3-6 thou on the primary
12	22A324	Thrust washers 2.94-2.99mm (.116-.118")	1	⇔ gear check 22A319 and
12	22A450	Thrust washers 2.99-3.04mm (.118-.120")	1	88G459 for wear.
13	22A319	U Clip thrust	1	
14	88G549	Backing ring	1	
15	AEA630	Camshaft	1	1100cc and 998cc Cooper
15	8G712	Camshaft	1	998cc
16	2A299	Camshaft oil pump drive	1	NLA (Fitted in camshaft new)
17	WKN505	Camshaft key pin	1	
18	AHU2379	Camshaft plate	1	
19	GHF117	Locating plate bolt	3	
20	GHF321	Locating bolt shakeproof washer	3	
21	2A85	Camshaft gear with tensioners	1	
22	8G549	Tensioner rubber rings	2	
23	12G4337	Camshaft gear, used originally without tensioner	1	
24	12G2621	Tensioner, fits 12G2626 front plate only	1	✓ From engine number
25	12G2628	Tensioner mounting plate	1	⇔ 99H791, 10H791
26	12G2629	Pivot pin	1	Not 998 Cooper
27	6K629	Camshaft nut	1	
28	2A759	Camshaft locktab	1	
29	8G725	Crankshaft gear	1	
30	6K628	Washer to shim crank gear	1	
31	3H2127	Timing chain (Simplex)	1	
32	2A970	Front plate - pre tensioner type	1	NLA
32	12G2626	Front plate - used with tensioner pads	1	
33	12G619	Gasket for 2A970 front plate	1	
33	12G2981	Gasket for 12G2626 front plate	1	
34	12G4499	Distributor drive spindle	1	
35	13H2792	'O' ring distributor housing	1	
36	12A1136	Housing	1	CWE
37	2A14	Push rod	8	
38	2A13	Cam follower	8	
38	AE584	Cam follower with oil hole	8	High-grade

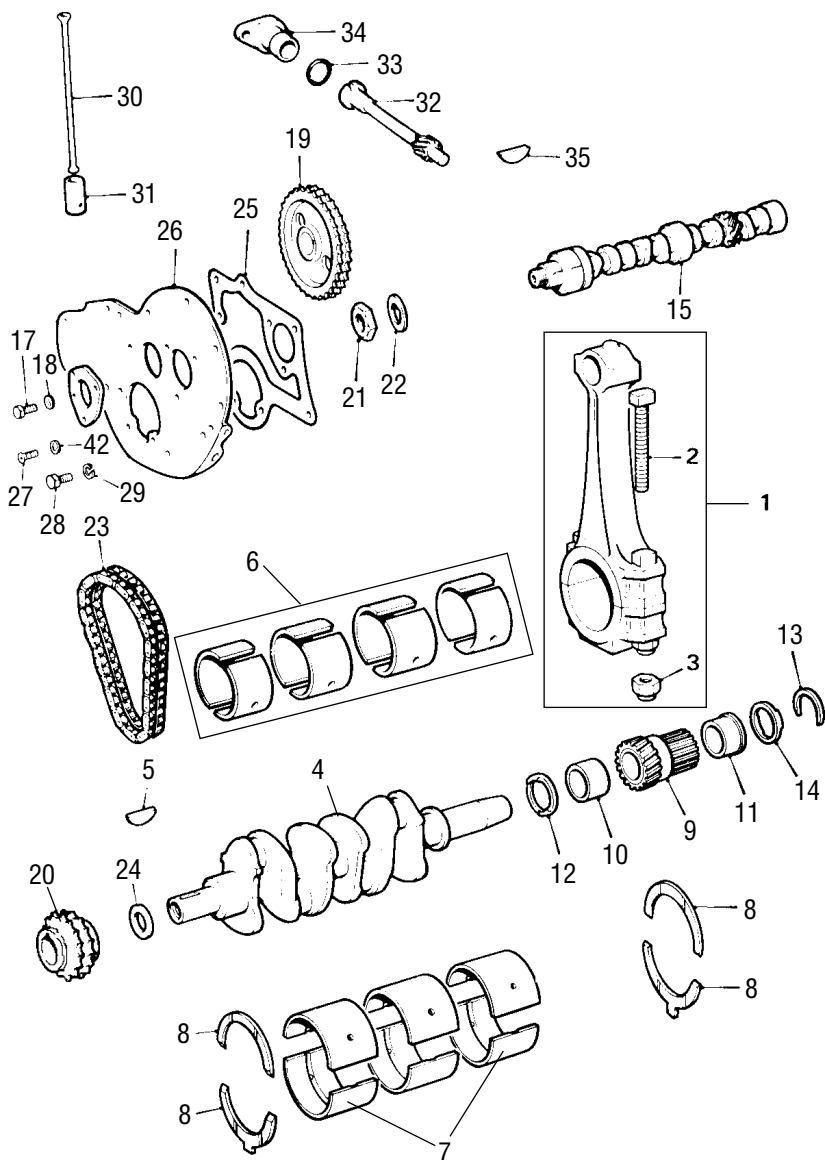
998cc, 1981 ON, A-PLUS BLOCK



998CC, 1981 ON, 'A' PLUS BLOCK

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	12G123	Connecting rod number 2 and 4	2	
2	12G126	Connecting rod number 1 and 3	2	
1	12A1997	Connecting rod number 2 and 4	2	✓ 1985 on, press fit gudgeon
2	12A1999	Connecting rod number 1 and 3	2	⇔ pin (piston has no circlips)
3	2A660	Locktab, deleted when CAM6126 fitted	4	Deleted after 1981
4	CAM6126	Connecting rod bolt, replaced 12G2219	8	BEB-08 High-grade
5	BHM1436	Crankshaft, 8G2733 fitted until 1984	1	
6	6K836	Crankshaft keyway	1	
7	VP572	Con rod bearings	1	Also in +10/20/30/40 o/size
8	BHM1573	Main bearing (center locating lip) 1985 on	1	Also in +10/20 oversize
8	VP733	Main bearing, locating lug on edge of both halves	1	Also in +10/20/30/40 o/size
9	BHM1292	Thrust washer set VPW81	1	Also in 03/30 thou oversize
10	22A1493	Primary gear (24 teeth), old type	1	
10	DAM8888	Primary gear (29 teeth), A plus	1	
11	DAM8887	Front bush, was 22G401	1	
12	22G109	Bush rear	1	
13	22A321	Thrust washer 2.79-2.84mm (.110-.112")	1	✓ These shims are used to
13	22A322	Thrust washer 2.84-2.89mm (.112-.114")	1	⇔ give correct end float
13	22A323	Thrust washer 2.89-2.94mm (.114-.116")	1	⇔ of the primary gear which
13	22A324	Thrust washer 2.94-2.99mm (.116-.118")	1	⇔ is 3-6 thou. Also check
13	22A450	Thrust washer 2.99-3.04mm (.118-.120")	1	22A319 & 88G459 for wear.
14	22A319	Thrust washer U clip	1	
15	88G549	Backing ring	1	
16	CAM6267	Camshaft, 99H/B83P/B85P/D83P/E22	1	LC engine
16	CAM4717	Camshaft, 99H/B81P/B82P/D80P/D81P/D82P/E20/E21	1	HC engine
17	WKN505	Camshaft key	1	
18	AHU2379	Camshaft locating plate	1	
19	GHF117	Locating plate bolt	3	
20	GHF321	Locating bolt shakeproof washer	3	
21	12G4337	Camshaft gear	1	
22	12G2621	Tensioner pad	1	
23	12G2628	Tensioner mounting plate	1	
24	12G2629	Tensioner pin	1	
25	6K629	Camshaft nut	1	
26	2A759	Locktab	1	
27	CAM4700	Front plate gasket	1	
28	12G2626	Front plate	1	
29	GHF120	Bolt for plate to block	2	
30	GHF332	Spring washer	2	
31	8G725	Crankshaft gear	1	
32	6K628	Crank gear shim washer	1	
33	3H2127	Timing chain	1	
34	12G3560	Distributor drive spindle	1	
35	613867A	Distributor retaining plate	1	
36	CAM6105	Retainer screw	1	
37	2A14	Push rod	8	
38	2A13	Cam follower	8	
38	AE6584	Cam follower with hole	1	High-grade

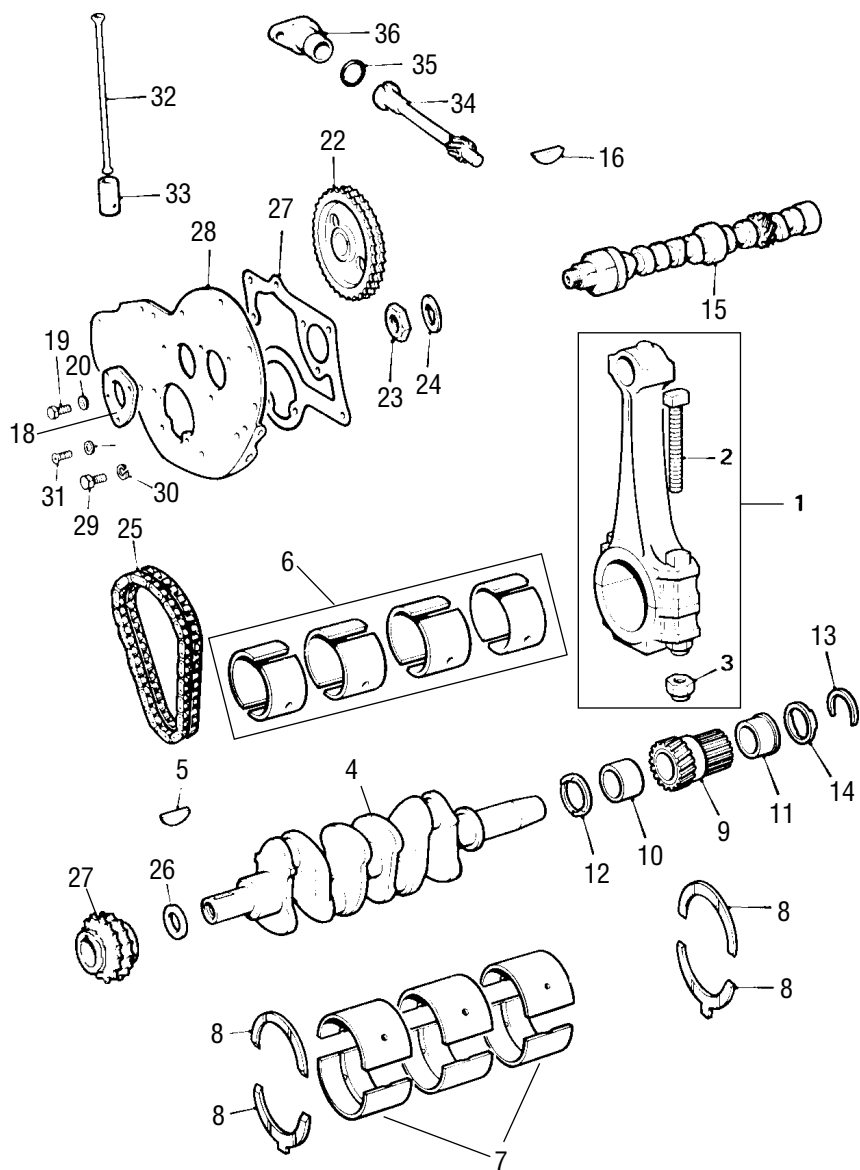
970cc 1070cc AND 1275cc BLOCK • COOPER S MK1/MK2



COOPER 'S' 970cCC 1070CC AND 1275CC MK1/MK2

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	AEG624	Connecting rod, 5.75" centers	4	1071cc, 1275cc
1	AEG309	Connecting rod, 5.875" centers	4	970cc only
2	AEG519	Connecting rod bolt (Hi-specification bolt use BE6001+)	8	
3	AEG147	Connecting rod nut (Alternative non nyloc EAC5541A)	8	
4	C-AEG329	Crankshaft (Steel billet EN40B)(AEG330 casting)	1	970cc
4	C-AEG170	Crankshaft (Steel billet EN40B)(AEG171 casting)	1	1071cc
4	C-AEG479	Crankshaft (Forging crossdrilled EN40B)(AEG480 casting) ...	1	1275cc
5	6K836	Crankshaft keyway	1	
6	VP572	Connecting rod bearings set (8G2399)	1	Oversize available
7	VP91120	Main bearings set (8G2391)	1	Oversize available
8	VPW41	Thrust washer kit	1	Available 03/15/30 oversize
9	22G1053	Primary gear (24 teeth)	1	
10	DAM8889	Front bush, was 22G770	1	
11	22G109	Rear bush	1	
12	DAM6490	Primary gear shim 2.84-2.89mm (.112-.114")	1	✓ These shims are used to
12	DAM6486	Primary gear shim 2.89-2.94mm (.114-.116")	1	↔ give the correct end
12	DAM6487	Primary gear shim 2.94-2.99mm (.116-.118")	1	↔ float of 3-6 thou on the
12	DAM6488	Primary gear shim 2.99-3.04mm (.118-.120")	1	↔ primary gear check 22A319
12	DAM6489	Primary gear shim 3.04-3.09mm (.120-.122")	1	and 88G459 for wear.
13	22A319	Thrust washer U clip	1	
14	88G549	Backing ring	1	
15	AEG148	Camshaft	1	
15	AEG510	Camshaft	1	1275 only, 9FSAY 40006 on
16	AHU2379	Camshaft locating plate	1	
17	GHF117	Locating plate screw	1	
18	GHF321	Shakeproof spring washer	1	

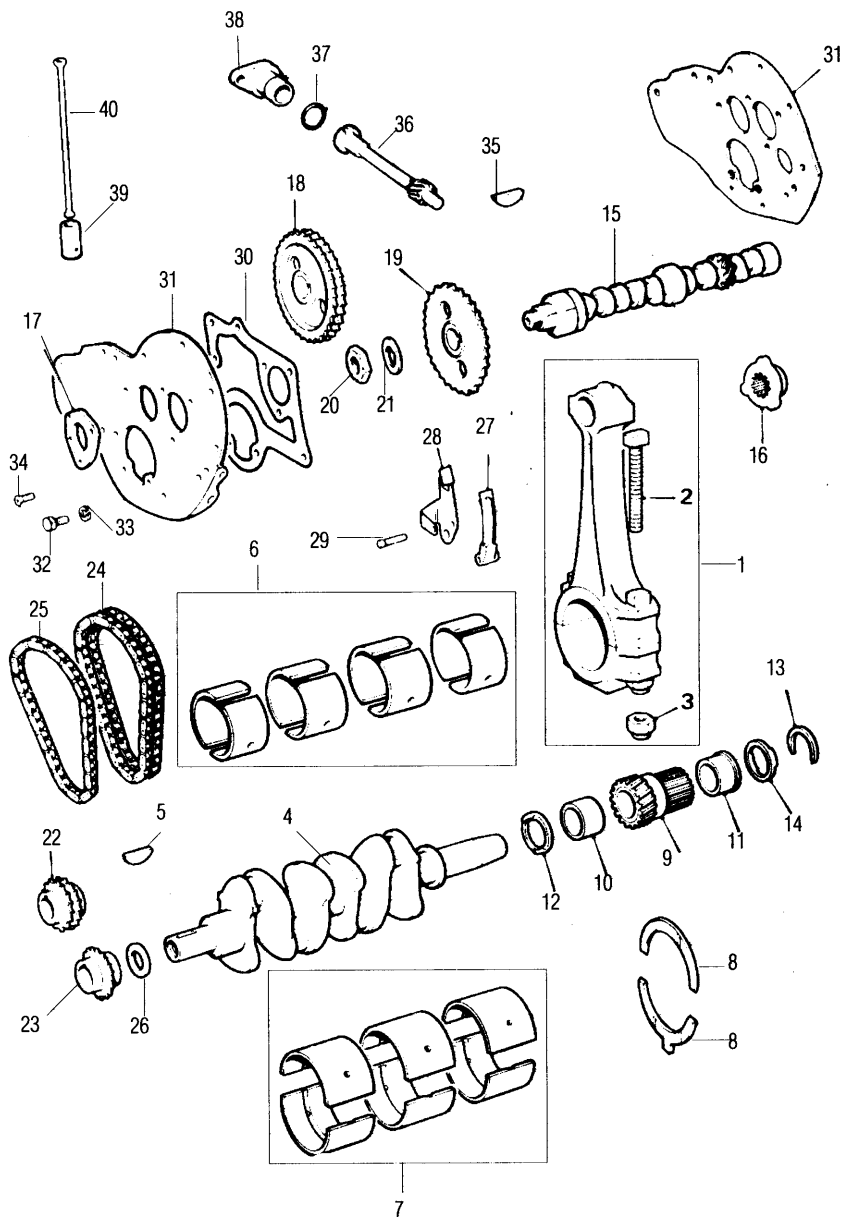
1275CC COOPER S MK3 • BLOCK COMPONENTS



**COOPER 'S' MK3 (12H397 AND 12H398) AND 12G ENGINE NUMBERS AS FITTED TO EARLY
MG, WOLSELEY, RILEY, PRINCESS, 1300CC**

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	AEG624	Connecting rod	4	
2	AEG519	Con rod bolt	8	
2	BE6001	Con rod bolt set, ARP Comp grade	1	
3	AEG147	Con rod bolt nut (EAC5541A non nyloc alternative)	8	
4	AEG623	Original crankshaft in EN16, tuftrided (12G1505 casting)	1	NLA, use C-AEG479
4	C-AEG479	Crankshaft (AEG480 casting)	1	1275 'S' (Nitrided only)
4	12G1287	Crankshaft (fitted solid wall block, 1300 mains size)	1	12G type 1.625" journal
5	6K836	Crankshaft keyway	1	
6	VP572	Con rod bearing set (8G2399)	1	Also in 10/20/30/40 oversize
7	VP91120	Main bearings set (8G2301)	1	Also in 10/20/30/40 oversize
8	VPW41	Thrust washer kit (BHM1293)	1	Also in 03/30 thou oversize
9	22G1053	Primary gear (24 teeth)	1	
10	DAM8889	Front bush was 22G770	1	
11	22G109	Rear bush	1	
12	DAM6490	Primary gear shim 2.84-2.89mm (.112-.114")	1	These shims are used to give the correct end float of 3-6 thou on the primary gear check 22A319 and 88G459 for wear.
12	DAM6486	Primary gear shim 2.89-2.94mm (.114-.116")	1	
12	DAM6487	Primary gear shim 2.94-2.99mm (.116-.118")	1	
12	DAM6488	Primary gear shim 2.99-3.04mm (.118-.120")	1	
12	DAM6489	Primary gear shim 3.04-3.09mm (.120-.122")	1	
13	22A319	Thrust washer U clip	1	
14	88G549	Backing ring	1	
15	AEG523	Camshaft	1	1300cc
15	AEG542	Camshaft	1	Cooper 'S'
16	WKN505	Keyway	1	
17	CHM108	Oil pump driving flange	1	
18	AHU2379	Camshaft locating plate	1	
19	GHF117	Bolt for locating plate	3	
20	GHF321	Shakeproof washer for locating plate	3	
21	12G1397	Camshaft gear cast iron	1	Gears and chains available as C-AJJ3323 Duplex kit in cast iron. Or C-AJJ3325 in lightened steel.
22	12G1699	Crankshaft gear cast iron	1	
23	6K629	Camshaft nut	1	
24	2A759	Locktab	1	
25	2H4905	Chain	1	
26	6K628	Washer to shim crank gear	A/R	
27	12G619	Front plate gasket	1	
28	AEG161	Front plate	1	NLA
29	SH605051	Screw plate to block	2	
30	GHF332	Washer was LWZ305	2	
31	AEA687	Screw, front plate to maincap	2	
32	AEG314	Push rod	8	
33	AEG584	Cam follower with oil hole	8	
34	12G4499	Distributor spindle	1	
35	13H2792	Distributor housing oil seal	1	
36	12A1136	Distributor housing	1	CWE

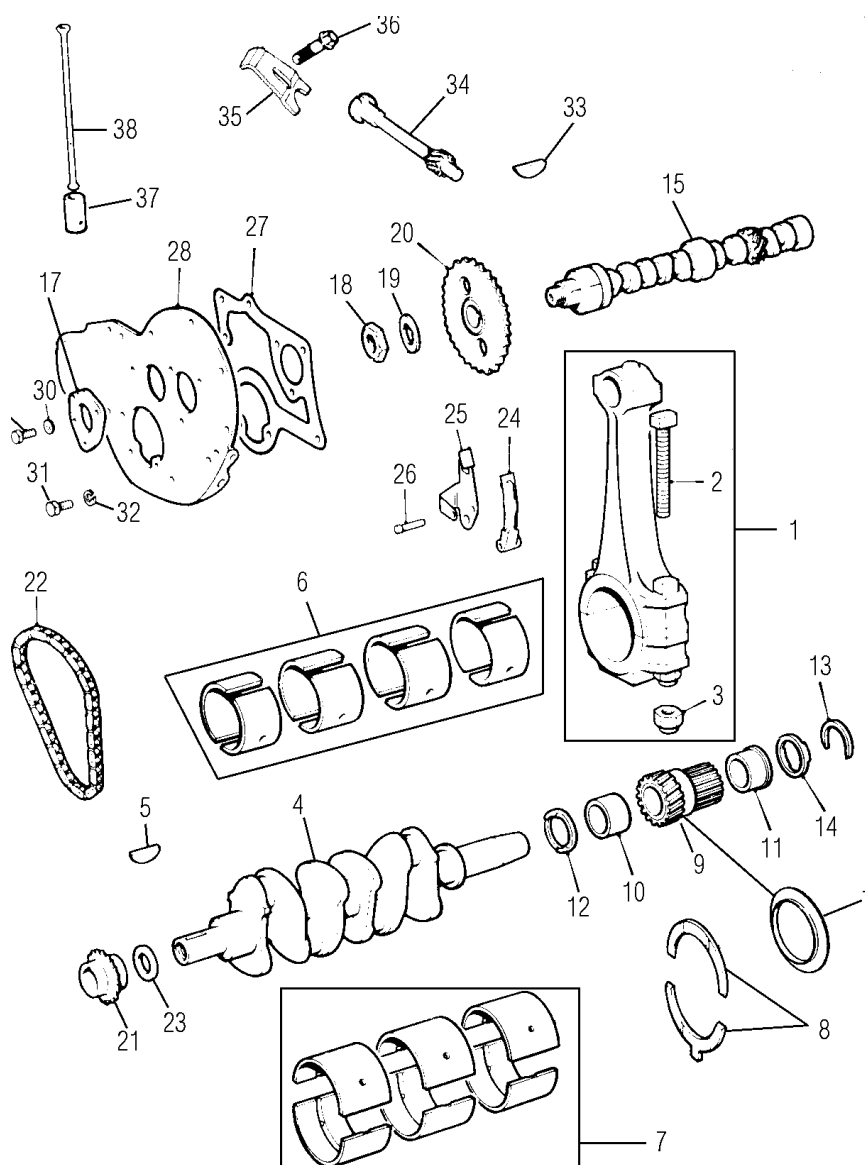
1275CC EXCEPT COOPER S PRE A-PLUS



PRE 'A' PLUS 1275 WITH 12H ENGINE NUMBER EXCEPT COOPER 'S'

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	BHM1137	Con rod set	1	
2	12G1300	Con rod bolt, 1300	8	
2	C-STR317	High strength rod bolt set	1	
3	13H5872	Con rod nut	8	
4	CAM6232	Crankshaft (rolled radius journals CAM6232 casting)	1	Was BHM1243
4	8G2740	Original crank with 12G1505 casting	1	Reground only
5	6K836	Crankshaft keyway	1	
6	VP91306	Con rod bearing, (8G2553)	1	Available in 10/20/30/40
7	VP91120	Mains bearing, (8G2301)	1	Available in 10/20/30/40
8	VPW41	Thrust washer set, (BHM1293)	1	Available in 03/30 thou
9	12G1053	Primary gear 24 teeth	1	
9	DAM8890	Primary gear 29 teeth (A plus)	1	12H706AA, 23201 on
10	DAM8889	Bush front	1	
11	22G109	Bush rear	1	
12	DAM6490	Primary gear shim 2.84-2.89mm (.112-.114")	1	These shims are used to give the correct end float of 3-6 thou on the primary gear. Check 22A319 and 88G459 for wear.
12	DAM6486	Primary gear shim 2.89-2.94mm (.114-.116")	1	
12	DAM6487	Primary gear shim 2.94-2.99mm (.116-.118")	1	
12	DAM6488	Primary gear shim 2.99-3.04mm (.118-.120")	1	
12	DAM6489	Primary gear shim 3.04-3.09mm (.120-.122")	1	
13	22A319	Thrust washer U clip	1	
14	88G549	Backing ring	1	
15	AEG523	Camshaft	1	
16	CHM108	Oil pump driving flange	1	
17	AHU2379	Camshaft retainer plate	1	
18	12G1397	Camshaft gear duplex	1	
19	12G4337	Camshaft gear simplex	1	12H706AA, 3997 on
20	6K629	Camshaft nut	1	
21	2A759	Camshaft locktab	1	
22	12G1699	Crankshaft gear duplex	1	
23	8G725	Crankshaft gear simplex	1	12H706AA, 3997 on
24	2H4905	Timing chain duplex	1	
25	3H2127	Timing chain simplex	1	
26	6K628	Washer to shim crank gear	A/R	As required
27	12G2621	Tensioner (only fits 12G2626 front plate)	1	Simplex only
28	12G2628	Tensioner mounting plate	1	
29	12G2629	Tensioner pivot pin	1	
30	12G619	Front plate gasket for AEG161	1	
30	12G2981	Front plate gasket for 12G2626	1	
31	AEG161	Front plate duplex	1	NLA
31	12G2626	Front plate simplex	1	12H706AA, 3997 on
32	SH605051	Screw-plate to crankcase	2	
33	GHF321	Washer	2	
34	AEA687	Screw, front plate to mains cap	2	Duplex only
34	53K2016	Screw, front plate to mains cap	2	Simplex
35	WKN505	Keyway camshaft	1	
36	12G4499	Distributor drive spindle	1	
37	13H2792	Distributor housing oil seal	1	
38	12A1136	Distributor housing	1	NLA
39	2A13	Cam follower	8	
39	AEG584	Cam follower with oil hole	8	
40	AEG314	Push rod	8	

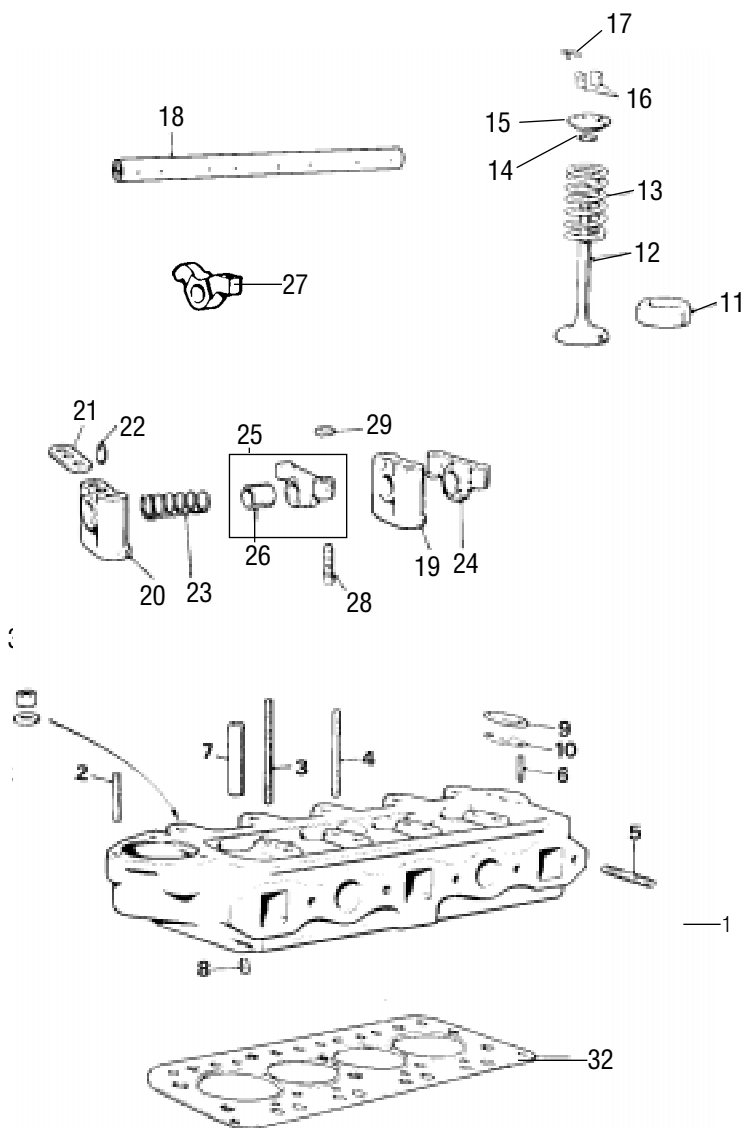
1275CC ENGINES (12H) A-PLUS BLOCKS



'A' PLUS BLOCKS 1275 ENGINES WITH 12H ENGINE NUMBER

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	BHM1137	Con rod set	1	
2	LFH10006	Con rod bolt, alternative hi-spec set C-STR317	8	
3	CAM6263	Con rod nut	8	
4	CAM6232	Crankshaft rolled radius journals (CAM6232 casting)	1	Was BHM1437
5	6K836	Crankshaft keyway	1	
6	VP91306	Con rod bearing set	1	
7	BHM1574	Center locating tab, main bearings	1	All Turbo and 85 on
7	VP91120	Main bearing set,	1	
7	BHM1471	Main bearing set, no oil groove in lower shell.	1	Metro
8	VPW41	Thrust washer set,	1set	In 03/15/30 thou oversize
9	DAM8890	Primary gear (29 teeth) Interchangeable fitment	1	Standard fitment
9	DAM9373	Primary gear (30 teeth) Interchangeable fitment	1	Economy gear
10	DAM8889	Bush, front	1	
11	22G109	Bush, rear	1	
12	DAM6490	Primary gear shim 2.84-2.89mm (.112-.114")	1	∨ These shims are used to
12	DAM6486	Primary gear shim 2.89-2.94mm (.114-.116")	1	⇔ give the correct end float
12	DAM6487	Primary gear shim 2.94-2.99mm (.116-.118")	1	⇔ of 3-6 thou on the primary
12	DAM6488	Primary gear shim 2.99-3.04mm (.118-.120")	1	⇔ gear. Check 22A319 and
12	DAM6489	Primary gear shim 3.04-3.09mm (.120-.122")	1	88G549 for wear.
13	22A319	Clip U washer	1	
14	88G549	Backing ring	1	
15	12G2983	Camshaft	1	
15	CAM6648	Camshaft as per MG Metro	1	
16	DAM2821	Plastic oil seal protector	1	Verto clutches
17	AHU2379	Camshaft retainer plate	1	
18	6K629	Camshaft retainer nut	1	

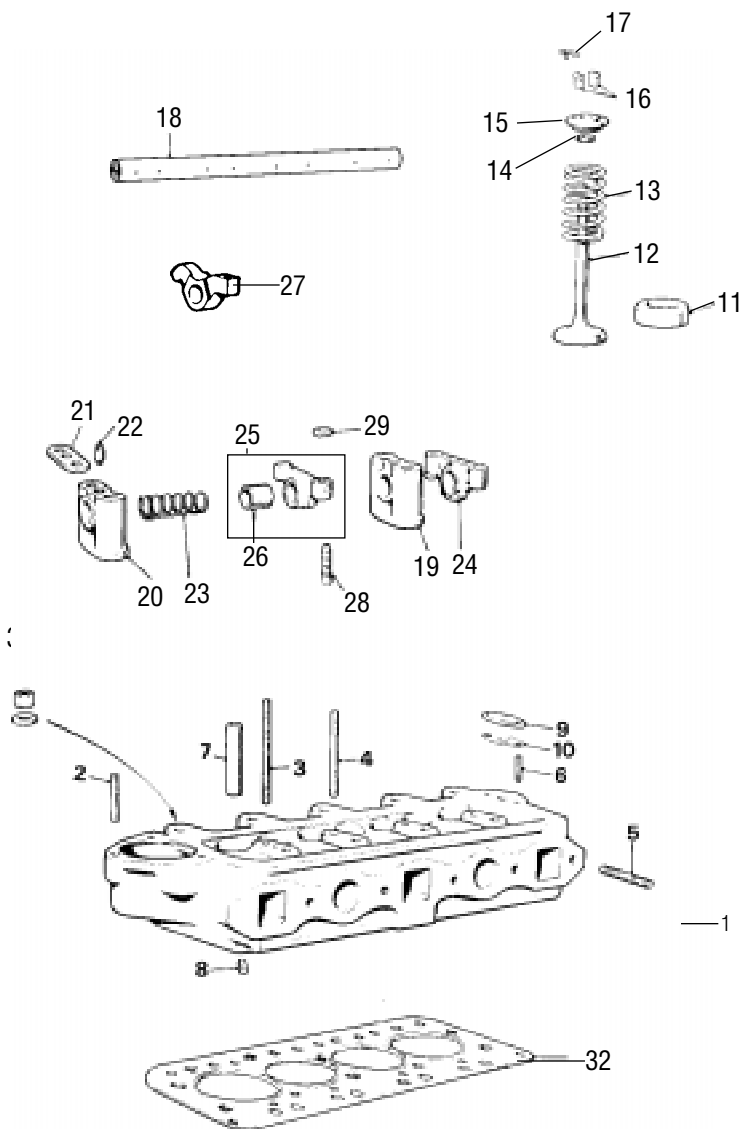
CYLINDER HEADS 850cc, 998cc & 1100cc PRE A-PLUS



CYLINDER HEAD 850CC, 998CC AND 1100CC PRE 'A' PLUS TO 1980

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	12A1455	Cylinder head (12A1456 head casting)	1	850cc and 998cc
1	28G193	Cylinder head (12G202 head casting)	1	1100cc
2	CHS2515	Stud, water elbow outlet	3	
3	51K885	Stud, rocker cover	2	
4	51K1473	Stud, rocker cover short	2	2.6875" (68mm long)
5	53K487	Stud, manifold	6	
6	53K402	Stud, heater valve	2	
7	12G1111	Valve guide - was 2A608	8	850cc and 998cc
7	12A186	Valve guide	8	1100cc
8	6K808	Oil hole plug	1	1100cc
8	2K1345	Oil hole plug	1	850cc and 998cc
9	2A180	Heater tap blanking plate	1	When required
10	88G221	Heater take off gasket	1	
11	TAM2068	Valve seat insert exhaust	4	lead free
11	TAM2152	Valve seat insert inlet	4	lead free
12	2A877	Inlet valve large collet groove	4	850cc and 998cc
12	CAM6391	Inlet valve small collet groove 1.094"	4	850cc and 998cc
12	12G3036	Inlet valve small collet groove	4	1098cc
12	AEA574	Inlet valve large collet groove 1.15"	4	1098cc
12	AEA434	Exhaust valve large collet groove 1.0"	4	
12	12A1987	Exhaust valve small collet groove	4	
13	AEA311	Valve spring	8	
14	2A879	Valve oil seal	8	
15	88G616	Top cap for large collet groove	8	
15	88G617	Top cap for small collet groove	8	
16	2A11	Valve cotter for 88G616 large collet groove	8pr	NLA
16	88G459	Valve cotter for 88G617 small collet groove	8pr	
17	2A12	Circlip for valve cotters	8	No longer required
18	12A1950	Rocker shaft	1	
19	12G1926	Rocker shaft post with oil hole	3	
20	12G1927	Rocker shaft post tapped	1	
21	2A515	Rocker post locking plate	1	NLA use 2A259
22	2A258	Locating plug	1	
23	6K556	Rocker spacer spring	3	
24	2A964	Rocker pressed steel, original	NLA	Use 12G1221 or CAM289
25	12G1221	Rocker forged	8	Alternative
26	2A21	Bush	8	Not for CAM289
27	CAM289	Rocker sintered non bush type	8	
28	AEG167	Rocker screw	8	Thread size 5/16 UNF
28	12A1215	Rocker screw for 2A964	8	NLA
29	6K654	Adjuster nut	8	7/16 AF Spanner size
29	NT605061	Adjuster nut for 12G1221 and CAM289	8	1/2 AF Spanner size
30	51K1193	Cylinder head nut	9	
31	GHF302	Head nut washer	8	
32	GEG302	Cylinder head gasket,	1	
32	GEG302/COMP	Cylinder head gasket, copper	1	

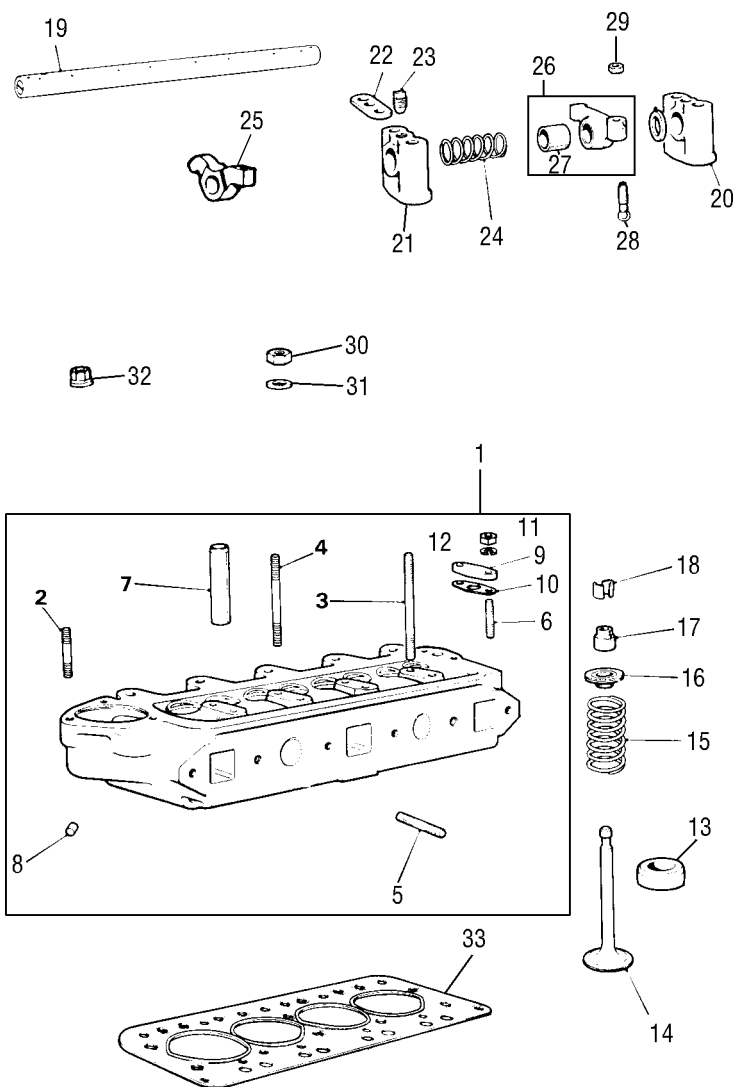
CYLINDER HEADS 997cc AND 998cc COOPER



997CC AND 998CC COOPER CYLINDER HEAD

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	28G222	Casting 12G295 998cc	1	
1	28G193	Cylinder head 997cc (12G202 head casting)	1	
2	CHS2515	Stud, water elbow outlet	3	
3	51K885	Stud, rocker cover long	2	
4	51K1473	Stud, rocker cover short	2	
5	53K487	Stud, manifold	6	
6	53K402	Stud, heater valve	2	
7	12G1111	Valve guide	8	
8	6K808	Oil hole plug	1	
9	2A180	Heater tap blanking plate	1	If required
10	88G221	Heater take-off gasket	1	
	GHF200	Heater valve nut	2	
	LWZ304	Washer	2	
11	TAM2068	Valve seat insert exhaust	4	lead free
11	TAM2152	Valve seat insert inlet	4	
12	AEA574	Inlet valve	1.15" 4	997cc, was AEA399
12	12G296	Inlet valve	1.215" 4	998cc
12	AEA400	Exhaust valve (can use AEA434)	1.005" 4	
13	AEA311	Valve spring outer	8	
13	AEA401	Valve spring inner	8	998cc only
14	2A879	Valve oil seal	8	
15	88G616	Top cap	8	
	AEA403	Bottom spring collar	8	998cc only
16	2A11	Valve cotter	8 pr	NLA
17	2A12	Circlip	8	No longer required
18	12A1950	Rocker shaft	1	
20	12G1926	Rocker shaft post with oil feed	3	
19	12G1927	Rocker shaft post - tapped	1	
21	2A515	Rocker post locking plate	1	
22	2A258	Locating plate plug	1	
23	6K556	Rocker spacer spring	3	
24	2A964	Rocker pressed steel	8	NLA
25	12G1221	Rocker forged	8	
26	2A21	Rocker bush	8	
28	AEG167	Adjusting screw for 12G1221	8	
	12A1215	Adjusting screw for 2A964	8	NLA
29	NT605061	Adjusting screw nut for 12G1221	8	
	6K654	Adjusting screw nut for 2A964	8	
30	51K1193	Cylinder head nut	9	
31	GHF302	Cylinder head washer	9	
32	GEG302	Cylinder head gasket, was TAM2121B and AJM302	1	
32	GEG302/COMP	Cylinder head gasket, Copper	1	

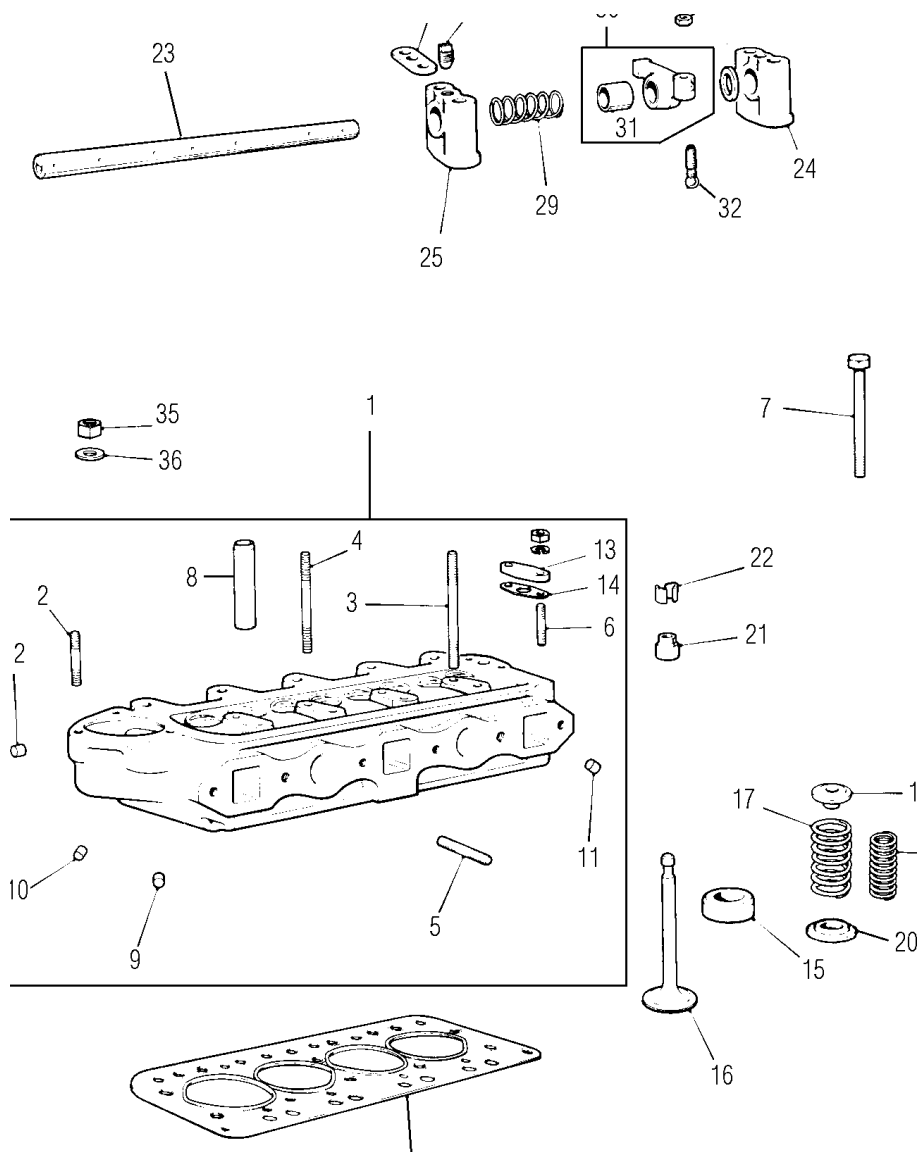
CYLINDER HEADS - 998cc, A-PLUS 1980 ON



CYLINDER HEAD, 998CC, 'A' PLUS 1980 ON

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	CAM6517	Cylinder head	1	L.C.
1	CAM6812	Cylinder head - use TAM2168	1	H.C. Triple collet groove
1	TAM2168	Cylinder head	1	Lead free
2	CHS2515	Stud, water elbow	3	
3	51K885	Stud, rocker cover long	2	
4	51K1473	Stud, rockers short	2	
5	53K487	Stud, manifold	6	
6	53K402	Stud, heater tap valve take-off	2	
7	12G1111	Valve guide, was 2A608	8	12G1963 alternative
8	RU612123	Oil hole plug	1	
9	2A180	Blanking plate, heater take-off	1	If required
10	88G221	Gasket	1	
11	GHF200	Nut	2	
12	LWZ304	Washer for nut	2	
13	AEA762	Valve insert inlet	4	
13	TAM2152	Valve insert inlet	4	Lead free
13	AEA763	Valve insert exhaust, was 2A640	4	Use TAM2068
13	TAM2068	Valve insert exhaust	4	Lead free
14	TAM1062	Inlet valve H.C. and lead free	4	Triple collet groove
14	TAM1770	Exhaust valve H.C. and lead free	4	Triple collet groove
14	CAM6502	Inlet valve, collet groove put up .140 thou from valve tip	4	Use 12G1015 spring
14	CAM6503	Exhaust valve collet groove put up .140 thou from valve tip	4	Use 12G1015 spring
14	CAM6505	Exhaust valve collet groove put up .140 thou from valve tip	4	Lead free, chrome stem
14	CAM6391	Inlet valve, top of collet groove .220 thou from valve tip	4	Use AEA311 spring
14	12A1987	Exh valve, top of collet groove .220 thou from valve tip	4	Use AEA311 spring
15	12G1015	Valve spring for all triple collet valves	8	Plus CAM6502/3/5
15	AEA311	Valve spring	8	For 12A1987/CAM6391
16	88G617	Top cap, single groove	8	
16	AHU1897	Top cap, triple groove	8	
17	ADU4905	Valve oil seal	8	
18	88G459	Cotter	8 prs	Single groove valve
18	CAM6975	Cotter	8 prs	Triple groove valve
19	12A1950	Rocker shaft	1	
20	12G1926	Rocker shaft post with oil feed hole	3	
21	12G1927	Rocker shaft post tapped	1	
22	2A515	Rocker shaft post locking plate	1	NLA use 2A259
23	2A258	Locating plate plug	1	
24	6K556	Rocker spacer spring	3	
25	CAM289	Rocker sintered	8	
26	12G1221	Rocker forged	8	Alternative in sets
27	2A21	Rocker bush	8	Not fitted to CAM289
28	AE6167	Adjusting screw	8	
29	NT605061	Adjusting nut	8	
30	51K1193	Cylinder head nut, until CAM4545	9	
31	GHF302	Washer, until CAM4545 fitted	9	
32	CAM4545	Head nut with built in washer	9	
33	GUG2506HG	Cylinder head gasket, was TAM2121B and AJM302	1	

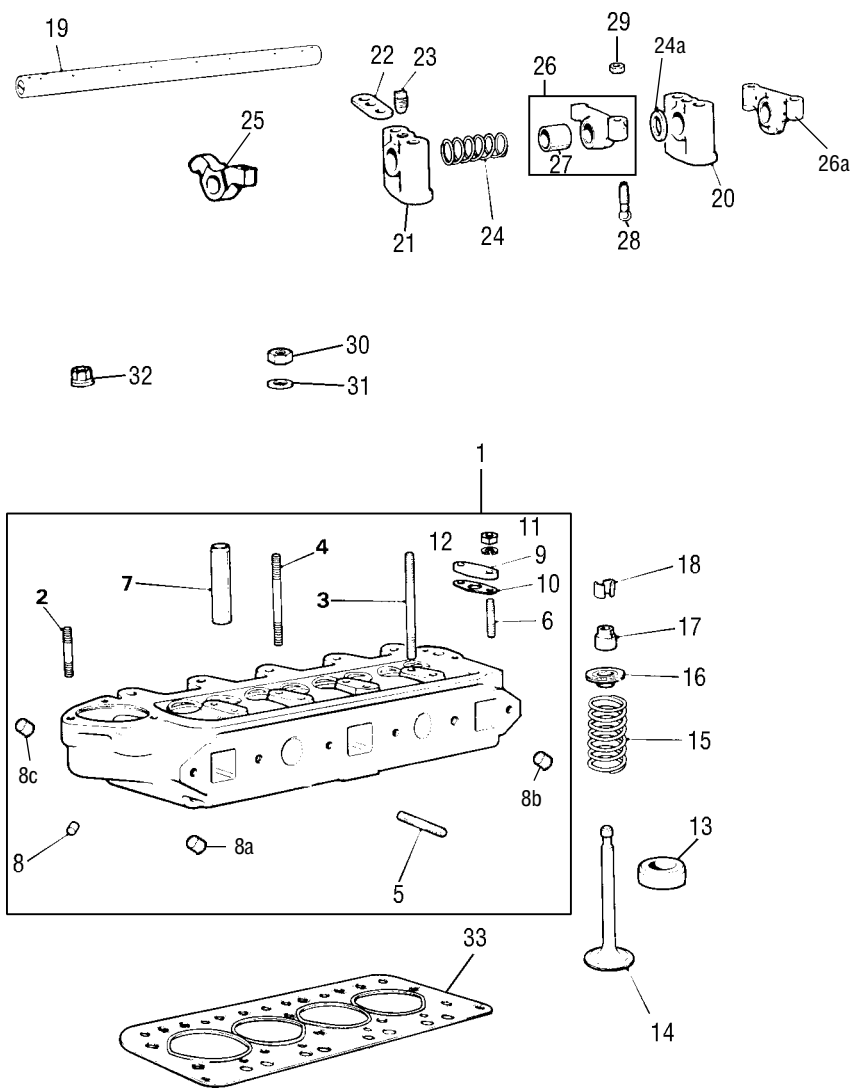
CYLINDER HEADS COOPER S 970cc, 1071cc & 1275cc



CYLINDER HEAD COOPER 'S' 970CC, 1071CC AND 1275CC

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	12G1805	Cylinder head (12G940) casting	1	35mm inlet/29mm exh
1	38G360	Cylinder head (AEG163) casting, C.W.E.	1	35mm inlet/31mm exh
2	CHS2515	Stud, water elbow outlet	3	
3	51K885	Stud, rocker cover long	2	
4	51K1473	Stud, rocker cover short	2	
5	53K487	Stud, manifold	6	
6	53K402	Stud, heater tap	2	
7	AEG248	Extra cylinder head bolt	1	
8	12G1963	Valve guide, tapered nose	8	
8	C-AJJ4037	Bronze hidural valve guides	1 set	AEG163 casting
9	2K1345	Oil hole plug	1	
10	12G2092	Water hole plug	3	
11	AEA771	Water and dowel hole plug	2	
12	12G3503	Cleaning hole plug	2	Was 12H1734
13	2A180	Heater take-off blanking plate	1	When required
14	88G221	Heater tap gasket	1	
15	12G1089	Inlet valve insert	4	
15	12G2675	Exhaust valve insert	4	
16	AEG593	Inlet valve nimonic EN214N material.....1.4" Short	4	AEG163 casting only
16	AEG592	Inlet valve.....1.4" Long	4	12G940 casting only
16	AEG594	Exhaust valve 31mm diameter EN214N.....1.21" Short	4	AEG163 casting
16	12G1322	Exhaust valve 29mm diameter.....1.15" Long	4	12G940 casting
17	AEA767	Outer valve spring	8	} Available as spring set C-AEA525
18	12G1137	Inner valve spring	8	
19	88G617	Top cap	8	

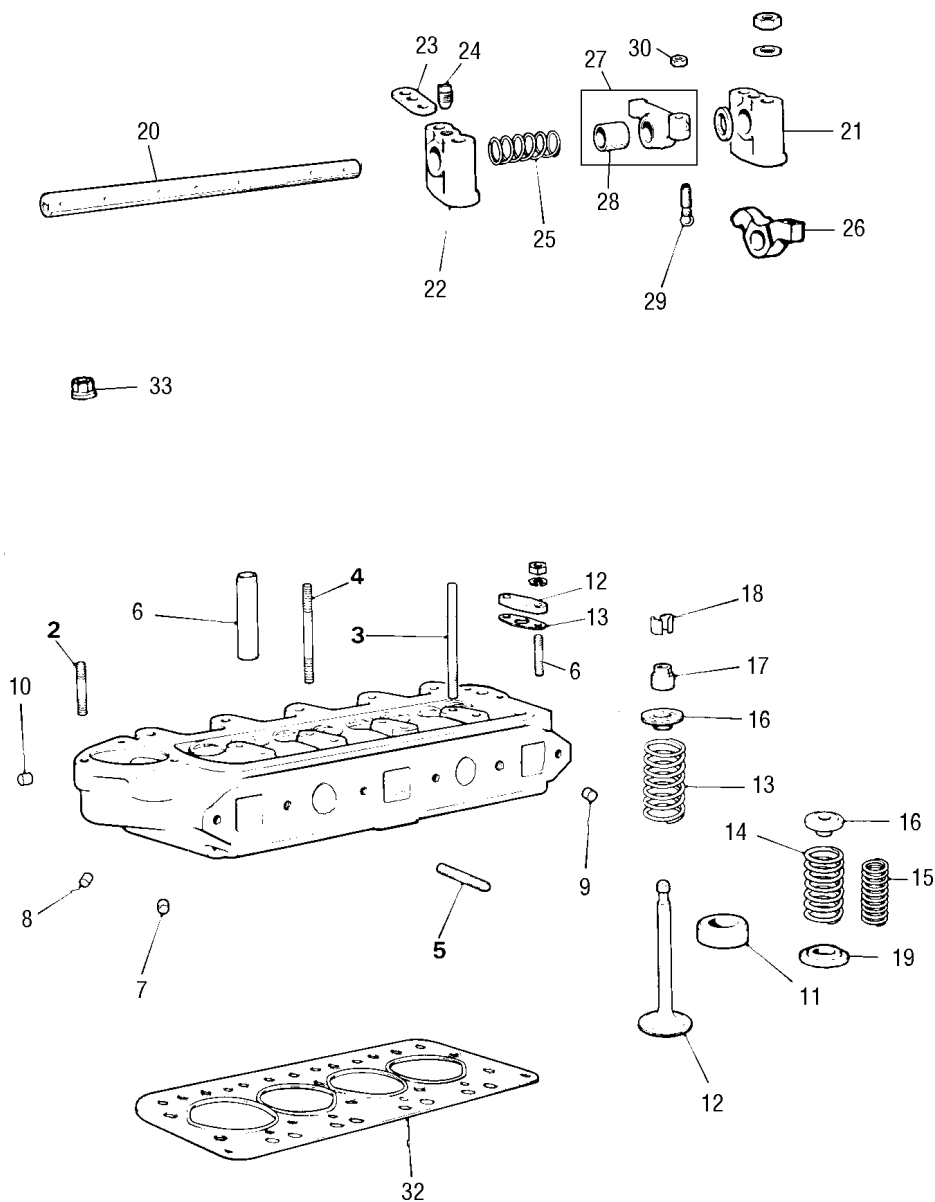
CYLINDER HEADS 1275 EXCEPT COOPER S AND TURBO



1275 EXCEPT COOPER 'S' AND TURBO

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	38G399	Cylinder head	1	
1	LDF10213	Cylinder head	1	Lead free
2	CHS2515	Stud, for thermostat housing	3	
3	51K885	Stud, rocker cover long	2	
4	CHS522	Stud, rocker post short	2	
5	53K487	Stud, manifold	6	
6	53K402	Stud, heater valve take-off	2	
7	12G1111	Valve guide	8	
8	2K1345	Oil hole plug	1	
8a	12G2092	Water hole plug	3	
8b	AEA771	Water and dowel hole plug	2	
8c	12G3503	Cleaning hole plug	2	Was 12H1734
9	2A180	Heater tap blanking plate	1	
10	88G221	Heater take-off gasket	1	
13	12G1089	Valve seat insert inlet	4	Not lead free
13	TAM2069	Valve seat insert exhaust	4	Lead free only
13	12G2675	Valve seat insert exhaust	4	
14	12G941	Inlet valve	1.3" Long	4 33mm diameter
14	TAM1058	Inlet valve, triple collett groove	1.4" Long	4 Lead free 33mm
14	12G1322	Exhaust valve	1.15" Long	4
14	TAM1061	Exhaust valve, triple collett groove	1.15" Long	4 Lead free
15	12G1015	Valve spring	8	
16	88G617	Top cap	8	
16	AHU1897	Top cap	8	Triple collett groove
17	AEG327	Valve seal (inlets)	4	Exhaust optional
17	ADU4905	Valve seal	8	'A' Plus
18	88G459	Valve cotter	8 prs	
18	AHU1897	Valve cotter	8 prs	For triple groove valves
19	12A1950	Rocker shaft	1	
20	12G1926	Rocker shaft post with oil feed hole	3	
21	12G1927	Rocker shaft post tapped	1	
22	2A515	Rocker post locking plate	1	NLA use 2A259
23	2A258	Locating plate plug	1	
24	6K556	Rocker spacer spring	3	
25	CAM289	Rocker sintered (no bush) 1/2" AF spanner size nut	8	
26	12G1221	Rocker forged	8	Alternative
26a	12G1313	Rocker pressed steel, NLA, 7/16" AF spanner size nut	8	Use CAM289/12G1221 sets
27	2A21	Rocker bush	8	Not CAM289
27a	AEG168	Spacing washer	A/R	
28	AEG167	Rocker screw, uses NT605061	8	Except 12G1313
29	NT605061	Rocker screw nut, 1/2" AF spanner size nut	8	Except 12G1313
30	51K1193	Head nut	9	
31	GHF302	Head washer was PWN106	9	
32	CAM4545	Head nut with shoulder	9	Alternative to 33/34
33	GEG300	Head gasket	1	Copper head gasket
33	GUG2507HG	Head gasket, was TAM1521	1	Current production

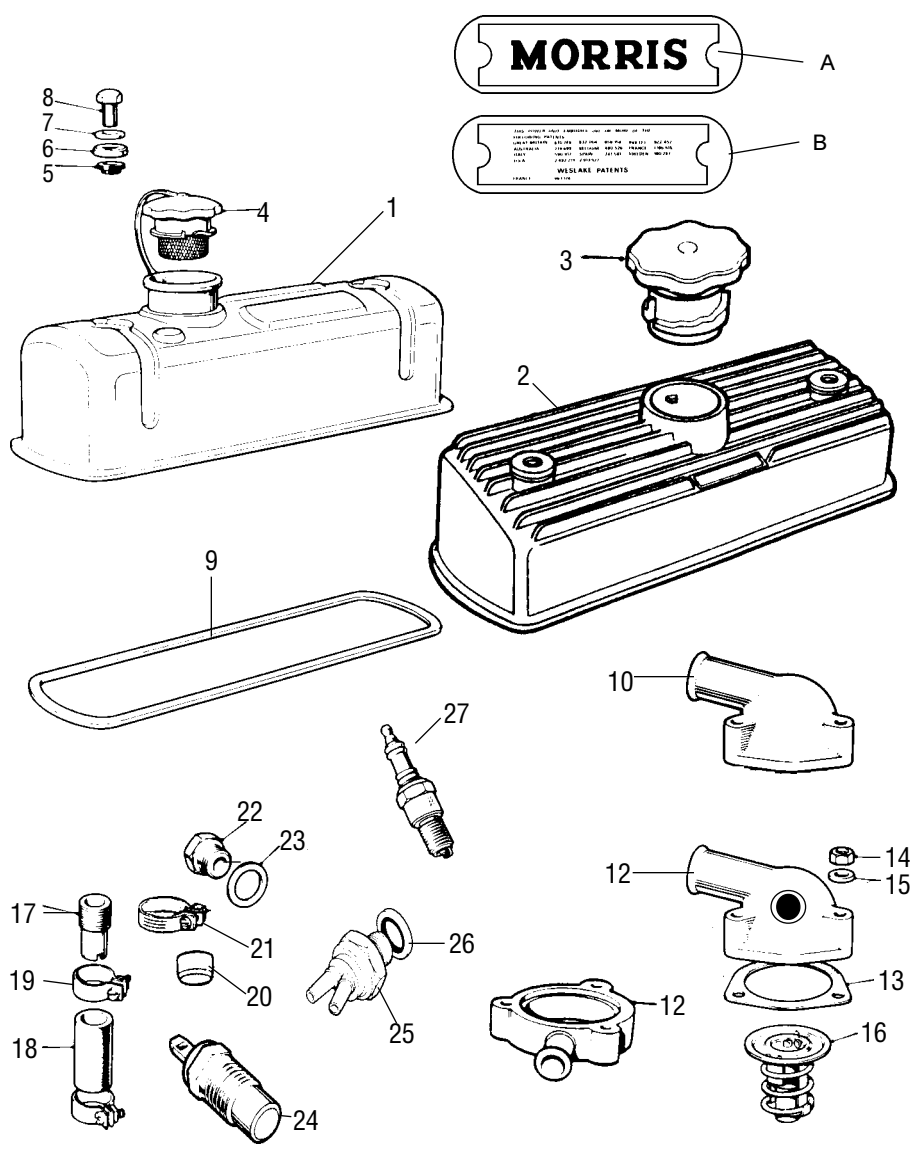
CYLINDER HEADS 1275CC TURBO



CYLINDER HEAD 1275 TURBO AND HEADS WITH TRIPLE COLLETT GROOVE VALVES

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	CAM6979	Cylinder head	1	Turbo
1	TAM2153	Cylinder head 33mm inlet 29mm exhaust	1	Unleaded
1	CAM6633	Cylinder head 35mm inlet 29mm exhaust	1	MG Metro
2	CHS2515	Stud, water elbow	3	
3	51K885	Stud, rocker cover long	2	
4	CHS522	Stud, rocker short	2	
5	53K487	Stud, manifold	6	
5	TE605131	Manifold stud	6	Turbo
6	12G1111	Valve guide inlet	8	(4 for Turbo)
6	CAM6980	Valve guide, exhaust	4	Turbo only
7	CDU2601	Rivet - oil hole	1	
8	12G2092	Water hole plug	1	
9	AEA771	Water and dowel hole plug	1	
10	12G3503	Plug	1	Was 12H1734
11	12G1089	Valve seat insert, inlet	4	
11	TAM2069	Valve seat insert, exhaust	4	Lead free
11	12G2675	Valve seat insert, exhaust	4	
12	TAM1058	Inlet valve 33mm diameter	4	Lead free
12	TAM1330	Inlet valve 33mm diameter	4	Turbo
12	TAM1059	Inlet valve 35mm diameter	4	MG Metro
12	TAM1061	Exhaust valve 29mm diameter	4	
12	AHU1976	Exhaust valve 29mm diameter	4	Turbo
13	12G1015	Valve spring	8	Except Turbo
14	AEA767	Valve spring outer	8	Turbo only
15	12G1137	Valve spring inner	8	Turbo only
16	AHU1897	Top cap	8	Except Turbo exhaust
16	CAM6582	Top cap	4	Turbo exhaust only
17	ADU4905	Valve seal (with spring)	8	
18	CAM6975	Valve cotter	8 prs	Except Turbo exhaust
18	CAM6573	Valve cotter	4 prs	Turbo exhaust only
19	AEA403	Valve spring bottom collar	8	When 12G1137 fitted
20	12A1950	Rocker shaft	1	
21	12G1926	Rocker shaft post with oil feed	3	
22	12G1927	Rocker shaft post tapped	1	
23	2A515	Rocker post locking plate	1	NLA, Use 2A259
24	2A258	Locating plug	1	
25	6K556	Rocker spacer spring	3	
26	CAM289	Rocker (sintered)	8	Fit as sets only
27	12G1221	Rocker forged	8	As sets only
28	2A21	Rocker bush	8	Except CAM289
29	AE6167	Rocker adjuster screw	8	
30	NT605061	Rocker screw nut	8	
31	AE6168	Rocker spacer washer	A/R	As required
32	GUG2507HG	Head gasket, was TAM1521	1	
33	CAM4545	Cylinder head nut	9	

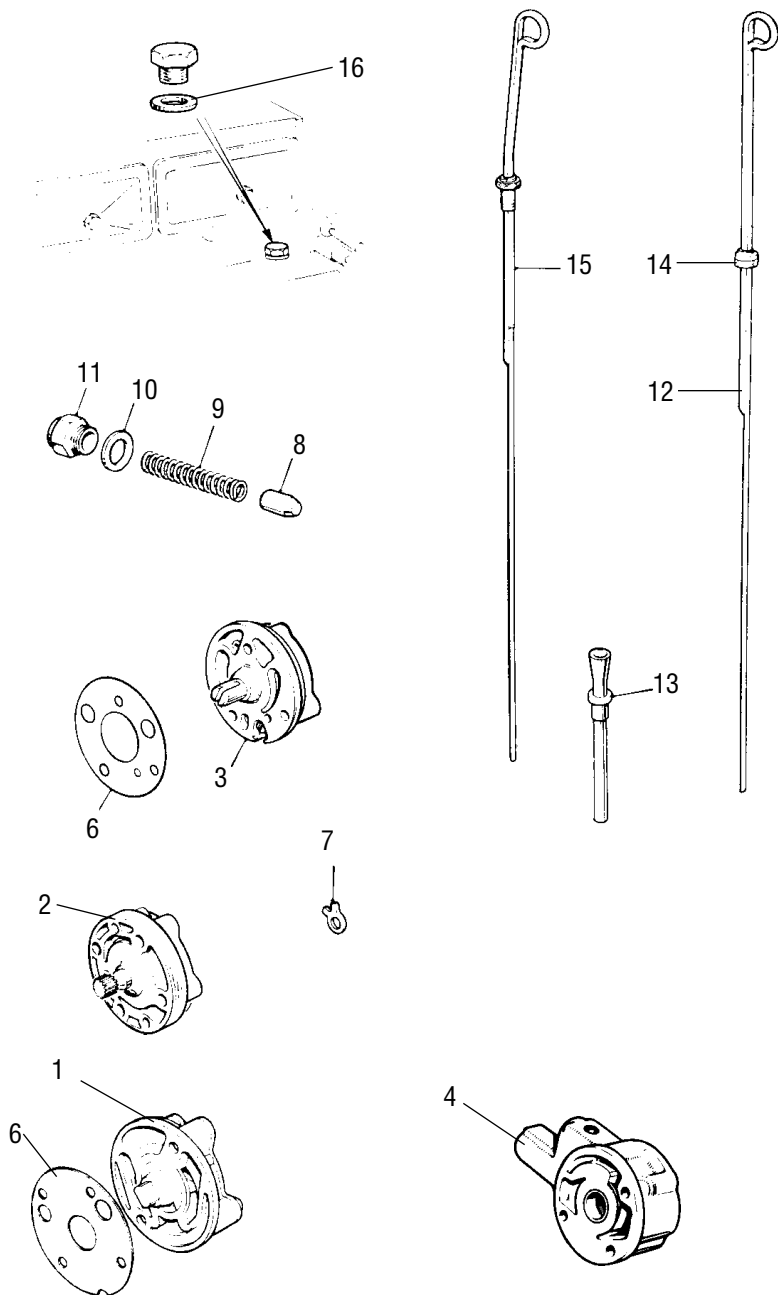
CYLINDER HEADS ENGINE COMPONENTS



ENGINE COMPONENTS CYLINDER HEAD

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
A	Decal09	"Morris" valve cover plate	1	
	Decal01	"Austin" valve cover plate	1	
	ST136	"Austin" valve cover sticker	1	
B	Decal15	Valve cover patent plate	1	
1	12A1530	Rocker cover, closed circuit breather	1	Not 11 stud heads ('S') 1985 on MG Metro/Turbo
1	LDR10074	Rocker cover	1	
2	CAM6822	Alloy rocker cover	1	
	FP26	Flat ribbed top alloy rocker cover	1	
2	CAM6822	Slanted top "Minifin" alloy rocker cover	1	
3	GFE6004	Rocker cap (Red)	1	Use on CAM6822
4	GFE6003	Rocker cap with strap	1	Closed breathing type
4	13H2296	Rocker cap, without strap	1	Closed breathing type
4	12A402	Rocker cap, non breather type	1	early non breather type
5	12A1358	Rubber bush	2	
6	1A2156	Bush cup washer	2	
7	1B2925	Distance piece	2	
8	2A150	Nut cap	2	
6	1A2156/C	Washer chrome	2	Also as kit SAC71L only
7	1B2925/C	Spacer chrome	2	Also as kit SAC71L only
8	CAM6823	Nut cap chrome	2	Also as kit SAC71L only
9	GEG401	Rocker cover gasket	1	Except 'S'
9	GEG417	Rocker cover gasket	1	All 'S' (11 stud head)
10	12G103	Thermostat housing	1	Plus T.B.I.
11	12A408	Tapped thermostat housing	1	
11	PEQ10019	Tapped thermostat housing, Cooper 1300cc HIF44	1	With catalyst
11	PEQ10010	Tapped thermostat housing, HIF38 (12AG03/4 engine)	1	For MAQ10002 switch
12	PEM10036	Sandwich plate, with radiator fixing lug (HIF44 Cooper)	1	With catalyst 1300cc
12	PEG10002	Sandwich plate, with radiator fixing lug	1	For PEQ10010 housing
13	GTG101	Thermostat gasket	A/R	
16	GTS102	Thermostat 74□ (165F)	1	
16	GTS104	Thermostat 82□ (180F)	1	
16	GTS108	Thermostat 88□ (190F)	1	1975 on
17	2A243	Cylinder head by pass adaptor short	1	NLA use 12A2075
17	12A2075	Cylinder head by pass adaptor long	1	Use GZA2086 hose
18	GZA2083	By pass hose long was 12A1093	1	When 2A243 fitted
18	GZA2086	By pass hose short was 12A2178	1	When 12A2075 fitted
18	AEG484	By pass hose long	1	Cooper 'S'
19	3H2963	Hose clip	2	
20	CAM4126	Blanking plug for by pass hose	1	When required
21	GHC507	Clip for CAM4126, (alternative clip 3H2963)	1	When required
22	ADP210	Plug, for thermal transmitter hole, cyl/head or 12A408	1	
23	1B3664	Washer for ADP210	1	
24	GTR101MS	Temperature transmitter, alternative to GTR143/GTR102	1	
24	GTR104	Temperature transmitter, Cooper 'S' to 1971	1	
24	GTR143	Temperature transmitter, Cooper 1989 on	1	
24	GTR185	Temperature transmitter, fuel injected TBI 10/91 on	1	
25	MAQ10002	Switch in thermostat housing for direct feed from vac unit	1	12A G03/4 Engine
26	MAW10001	Seal for vacuum switch	1	
27	GSP4362 -UNIPART	N9Y -CHAMPION	BP6ES -NGK	Was GSP163 to 1986
	GSP4382 -UNIPART	N12Y-CHAMPION	BP5ES -NGK	Non resistive 1987-89
	GSP4352 -UNIPART	N6Y -CHAMPION	BP7ES -NGK	Hotter running plug
	GSP4482 -UNIPART		BPR4ES -NGK	Interference suppressed plug
	GSP4462-UNIPART			Fuel injected TBI

OIL PUMP / PRESSURE VALVE AND DIPSTICKS

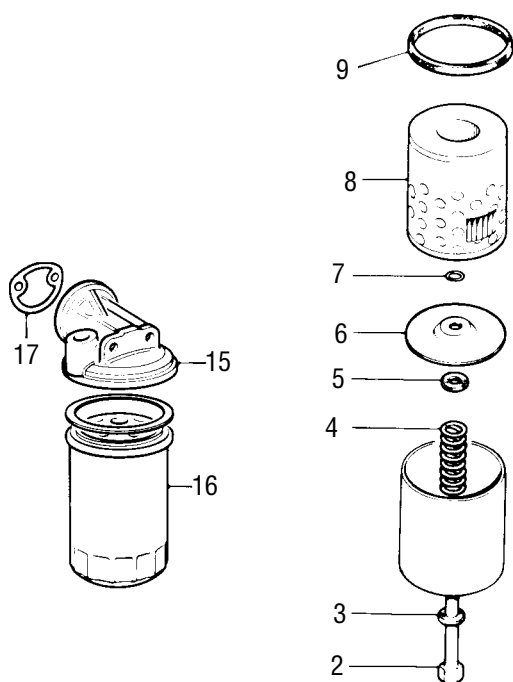
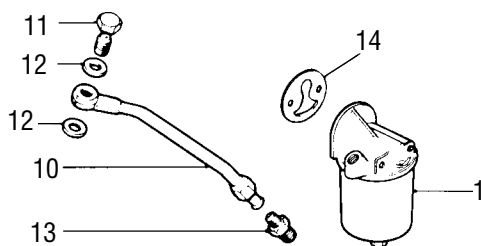


OIL PUMP / PRESSURE VALVE, DIPSTICKS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	GLP110	Oil pump slot drive was CAM6614	1	MG Turbo
1	GLP110MS	Sureflow body standard type Turbo pump	1	
1	GLP138	Oil pump slot drive was AHU1048	1	'A' plus 1300cc
1	C-AEG412	Sureflow slot drive	1	'A' plus 1300cc
1	GLP139	Oil pump slot drive was AHU1050	1	'A' plus except 1300cc
1	C-AEG413	Sureflow slot drive	1	'A' plus except 1300cc
2	GLP141	Oil pump star drive was CHM140 (2 bolt fitting) 1275cc	1	Hoburn Eaton
2	C-AEG411	Sureflow oil pump stardrive 4 bolt fitting 1275cc	1	Replaces 12G1128
3	GLP142	Oil pump pin drive was 12G793, 850/998/1000cc	1	Pre 'A' plus except 'S'
3	C-AEG414	Sureflow pin drive except 1275cc and 'S'	1	As per GLP142
3	C-AEG410	Sureflow oil pump pin drive was AEG410	1	Cooper 'S' Not MK3
4	GLP107	Automatic oil pump was 12G796	1	Pre 'A' plus
4	GLP113	Automatic oil pump was 12A1979	1	'A' plus
5	TAM1174	Oil pump bolt was BH604131	A/R	Sureflow all Hoburn Eaton
5	BH604140	Oil pump bolt	A/R	Concentric and GLP110
6	12G730B	Oil pump gasket	1	Was 88G411
7	12G926	Locktab for pin drive pumps	1	
7	12G2097	Locktab for spider type pump (Long)	1	Concentric type only
7	12G2098	Locktab for spider type pump (Short)	1	Concentric type only
8	12H865	Valve oil release	1	
	BLS916	Ball bearing, use with AEA536	1	Alternative to valve
9	6K653	Oil valve spring	1	
9	AEA536	Oil valve spring	1	Cooper 'S' only
10	6K431	Copper washer	1	
11	12A1851	Nut cap	1	
12	12A116	Dipstick (also use when 12G107 is fitted)	1	850cc with no tube
13	12G107	Dipstick tube, nylon (use 12A116 with nylon tube)	1	CWE
14	AEC671	Dipstick seal for 12A116	1	
15	LQM100380	Dipstick rod, was 12A1263 (use when 12A1261 is fitted)	1	'A' plus with no tube
13	12A1261	Dipstick tube, metal (use LQM100380 with metal tube)	1	CWE
16	6K464	Washer for oil priming hole	1	When applicable
17	2A797	Oil pressure relief seating in block	1	

P.S. Pin drive pumps fitted to early Mini's and 'S' had the same internals, the shaft on the 'S' was longer to accommodate the block. Sureflow pumps do not give higher oil pressure, but maintain constant pressure under arduous use, such as race or rallying. Their internals are machined to finer tolerances and port design prevents drain off of oil back into the sump.

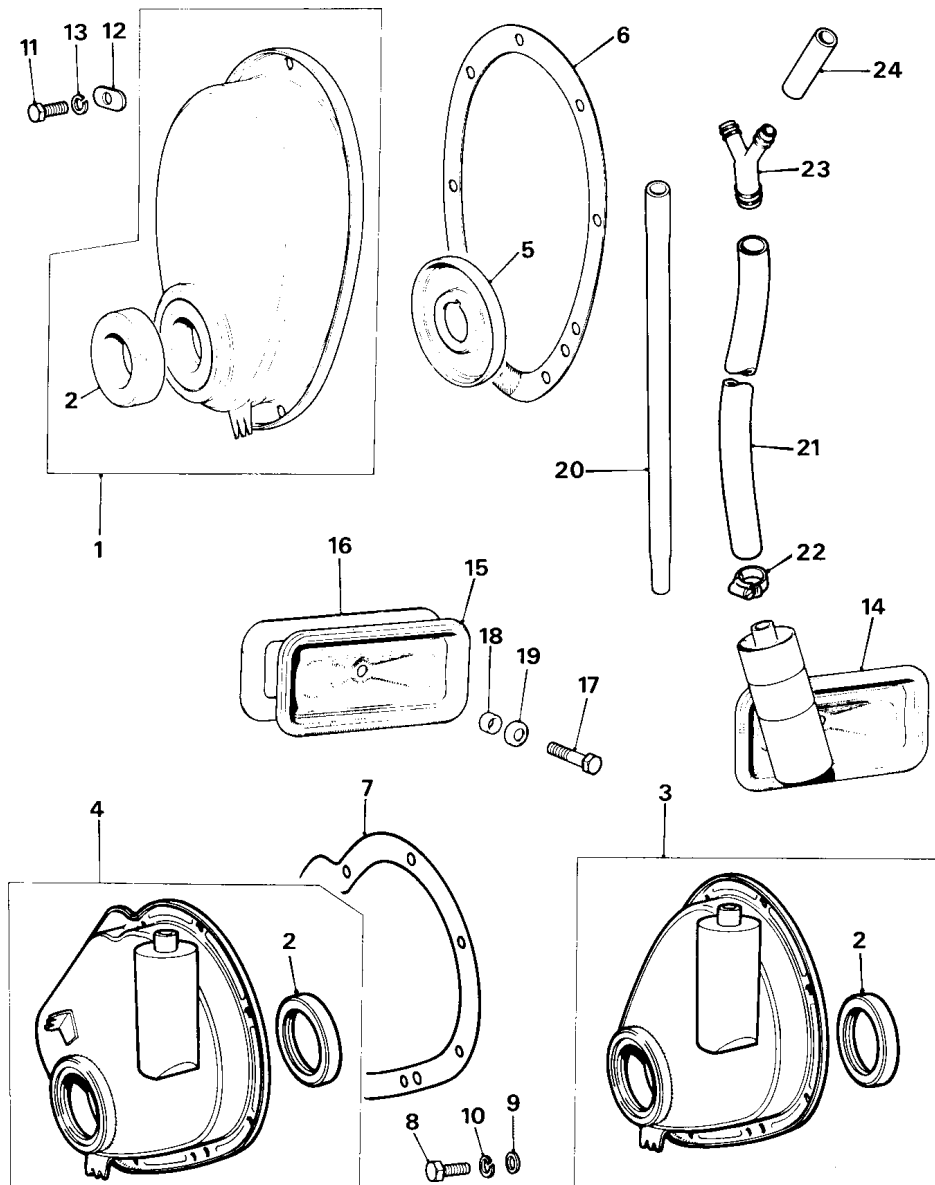
OIL FILTERS & COMPENENTS



OIL FILTER COMPONENTS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	12A1726	Oil filter assembly durolator	1	NLA
2	37H689	Center bolt	1	Aluminium housing
3	17H2281	Seal	1	Aluminium housing
3	508380	Seal was 17H1173	1	Die-cast housing
4	500319	Spring was 7H25	1	
5	7H28	Rubber seal	1	
6	17H1148	Pressure plate	1	
7	27H2573	Circlip - center bolt	1	NLA
8	GFE103	Filter element with seal	1	
8	GFE104	Filter element with seal	1	Automatic only
9	12A1591	Housing to filter head seal	1	
10	88G538	Block to filter pipe	1	CWE Pre spin on
10	TAM2106	Block to filter pipe spin on	1	Use TAM2119
10	LQP10033	Block to filter pipe	1	12A Engine 1992 on
	LQP10033	requires two of LZB10017 seal / LYH10014 union		
11	2A715	Banjo bolt	1	
12	AED172	Copper washer	2	
12	LYF10017	Metal washer with internal seal (alternative to AED172)	2	
13	TAM2119	Connector was TCZ106	1	
14	88G402	Filter to block gasket, paper element type	1	
15	TAM2097	Spin on filter head	1	
15	LPX10026	Spin on filter head	1	12A Engine 1992 on
16	GFE148	Oil filter with seal, was GFE149	1	
16	GFE1	Superflow filter, micro fine element	1	Magnetic filter in base
16	GFE170	Spin on oil filter with seal Turbo	1	
16	GFE166	Spin on filter	1	12A Engine 1990 on
17	12A2035	Gasket, for spin on filter	1	

TIMING COVER AND TAPPET INSPECTION COVERS

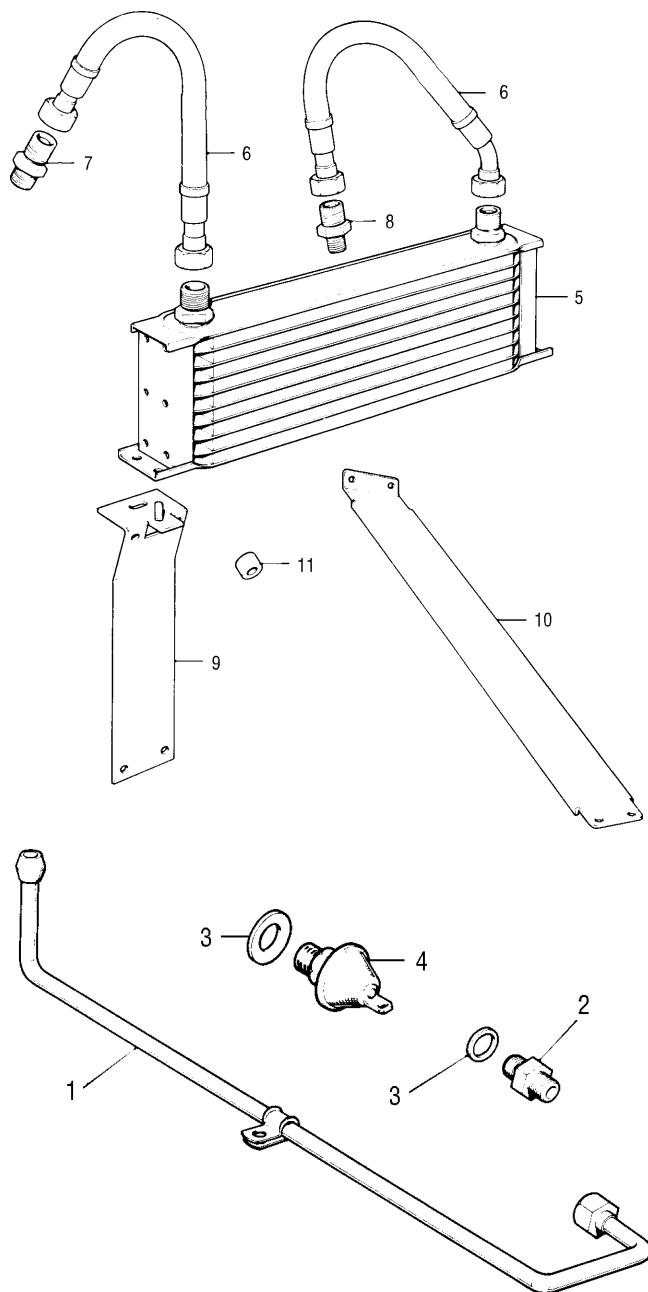


TIMING COVER AND TAPPET INSPECTION COVER

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	12G2506	Timing cover	1	Pre pad type tensioner
1	CAM4640	Timing cover	1	Pad type tensioner
1	CAM4904	Timing cover	1	'A' Plus
2	88G561	Oil seal	1	
2	LUF1006	Oil seal for LJR10168 cover	1	
3	12G2507	Timing cover with breather	1	Duplex type
4	12G2623	Timing cover with breather	1	Simplex with pad tensioner
4	CAM4868	Timing cover with breather	1	'A' Plus
4	LJR10168	Timing cover with breather on following engines 1990 on	1	F75/76/77, G03/4/5
5	12A1148	Oil thrower	1	
6	12A956	Gasket, early type	1	Pre pad type tensioner
7	12G2625	Gasket, tensioner type, with bulge	1	
8	SH604031	Screw, cover to front plate	6	
9	GHF300	Washer	6	Was 12G1075
10	GHF331	Spring washer	6	
11	GHF120	Screw, cover to block	4/5	Increase with Simplex
12	GHF301	Washer	4/5	
13	GHF332	Spring washer	4/5	
14	12A1212	Tappet chest cover with breather	1	Use 12A1175 gasket
15	12A1386	Tappet chest cover plain	1	Use 12A1175 gasket
16	12A1139	Cork gasket	2	Pre 12A1175
16	12A1175	Rubber gasket, introduced in 1966	2	
17	BH605101	Tappet chest bolt	2	Rubber gasket type only
18	12A1176	Tappet cover seal	2	Rubber gasket type only
18	MRC1980A	Bush, replaces 12A1176/7	2	1985 on
19	12A1177	Washer cup for bush on 12A1176 only	2	Rubber gasket type only
20	12A1735	Breather hose single carburettor	1	
21	BAU5065M	Breather hose twin carburettor	A/R	Was 37H7085M
22	GHC507	Hose clip, alternative clip 3H2963	2	
23	12G2134	'Y' piece plastic twin carburettor	1	
24	LLH10056	Hose, 'Y' piece to carburettor	1	

Early tappet chest covers which had cork gaskets are obsolete.

OIL COOLERS / OIL GAUGE PIPES AND OIL SWITCHES



OIL COOLERS / OIL GAUGE PIPES AND OIL SWITCHES

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	CAM4202	Oil gauge pipe, block to hose	1	
	A-PL04	One piece nylon oil pipe 5ft long	1	
2	2A269	Block union	1	
	TP	'T' piece to replace 2A269 for pressure switch and oil pipe	1	
3	6K464	Fibre washer, alternative to 2K4956	1	When required
4	GPS133	Oil pressure switch tapered, does not require washer	1	
4	HPS1	Oil pressure switch (operates at 22lb pressure)	1	Performance part
5	C-ARH221	13 row oil cooler	1	'S'
5	MOC10ROW	10 row oil cooler	1	Cooper
6	MOC1013	Complete oil cooler pipe kit with built in unions	1	Mini
6	MOC100102	Complete oil cooler pipe kit with built in unions	1	Clubman
6	C-AHT4	Competition braided hose kit with built in unions	1	Mini
6	C-AHT3	Competition braided hose kit with built in unions	1	Clubman
6	MOC1014	Complete oil cooler pipe kit with built in unions	1	12A engines 1992 on
7	21A1780	Original union for block, not required for hose kit	1	
8	AHA6423	Original union for filter, not required for hose kit	1	
9	21A1794	Original oil cooler brackets	2	
10	24A1918	Front panel reinforcement strip when cooler fitted	1	
11	24A1152	Grille distance pieces	12	NLA

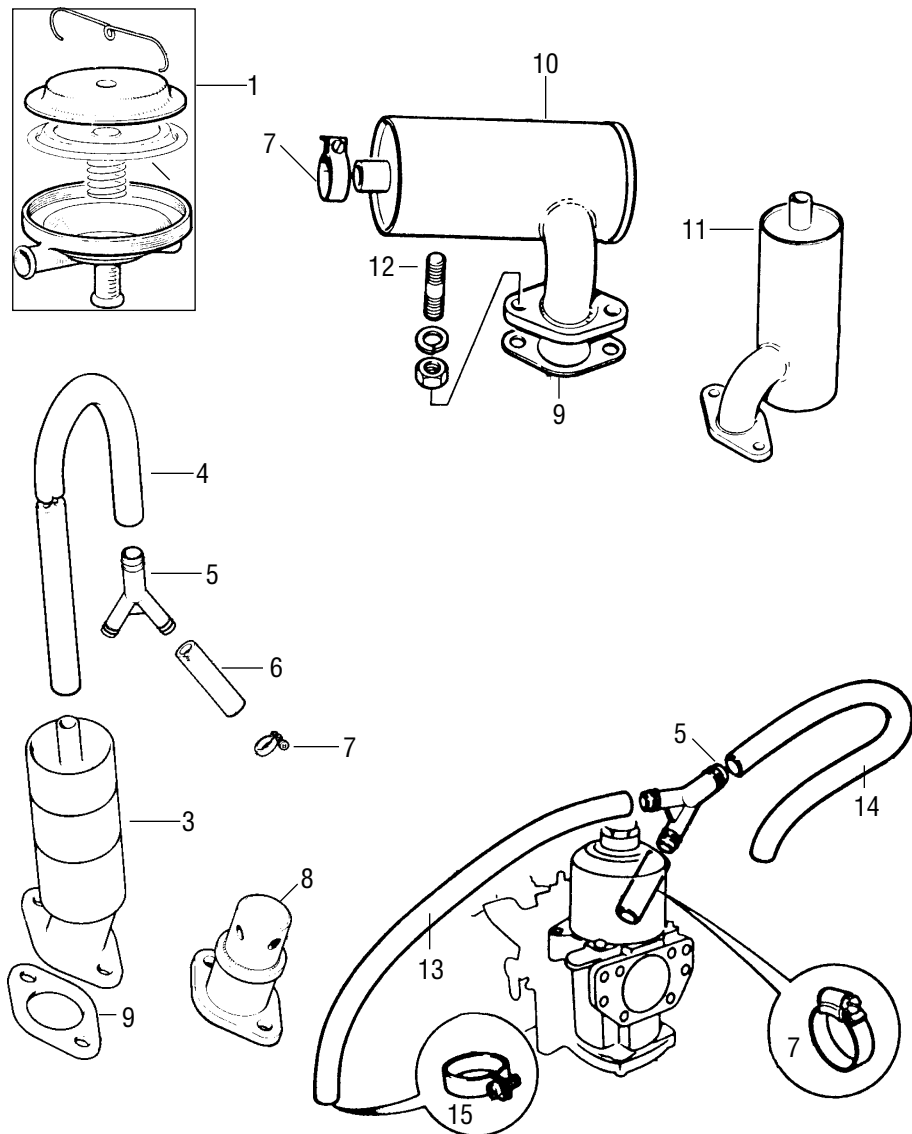
STANDARD FITMENT TO 1992, PRE FUEL INJECTED MINI (NOT LATER TYPE ENGINE BLOCK)

5	PBC10057	8 row oil cooler	1	Upto May 92 except TBI
6	PBP10019	Pipe cooler to filter	1	Upto May 92 except TBI
6	PBP10020	Cooler to block	1	Upto May 92 except TBI

Block thread changed when oil pipe with separate unions and oil seals was introduced, this is on 12A engine numbers with prefix F75/77 fuel injected, G03/4, HIF38 carburettor type.

For original oil pipe and hose at gauge end, see Speedo/Gauge page.

CLOSED CIRCUIT BREATHING COMPONENTS



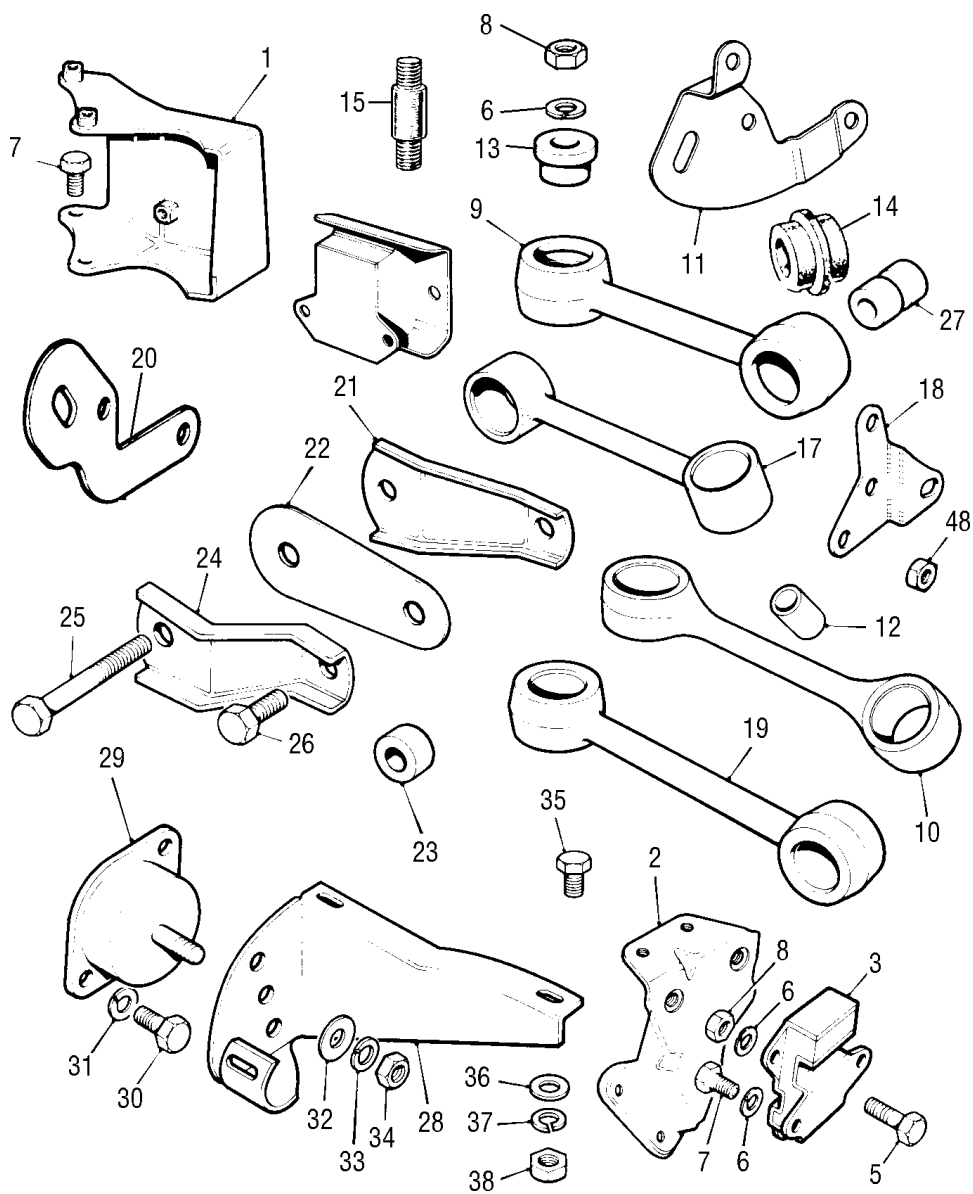
CLOSED CIRCUIT BREATHING COMPONENTS AND ANTI RUN ON VALVE

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	13H5191	Emmission control valve, twin carburettors	1	NLA
2	27H7758	Diaphragm rubber for 13H5191	1	
3	12G2619	Breather oil separator on clutch case	1	
4	BAU5065M	Breather hose per metre	1	
5	12G2134	'Y' piece to oil separator, when required	1	
6	LLH10056	Hose 'Y' piece to carburettor	1	
7	GHC405	Clip, alternative clip ACH5854	A/R	
8	12G1938	Plastic breather on clutch case	1	NLA
9	GUG2511HG	Gasket for all breather/oil separators, was LVL10001	1	
10	LLC10047	Oil separator on clutch case (to clear servo)	1	1989 on
11	LLC10051	Oil separator on clutch case (automatic)	1	Alternative
12	SH505061	Stud for oil separators (now a bolt)	2	
13	12A1735	Breather hose (different size ends)	1	
14	LLH10112	Breather hose	1	Alternative to BAU5065M
15	GHC507	Clip, hose to carburettor, alternative clip 3H2963	A/R	
	MAV10021	Anti run on valve (HIF44 carb vehicles)	1	Cooper and SE

MANUAL POWER UNIT GASKET SETS (quick reference guide)

GUG1071HS	Head set except 1275, was AJM102B
GUG239HS	Head set 1275, was AJM1140, pre 1990
GUG1088HS	Head set Cooper 'S', was AJM126
GUG1018HS	Head set 998 A plus, was AJM1250B
GUG1019HS	Head set 1275 A plus F53/G01, Cooper HIF44 carb, was BHM1391B
GUG1020HS	Head set Turbo, was BHM1393B
GUG1089HS	Head set G03/4/5 (1300), HIF38 carb, was LVQ10058B

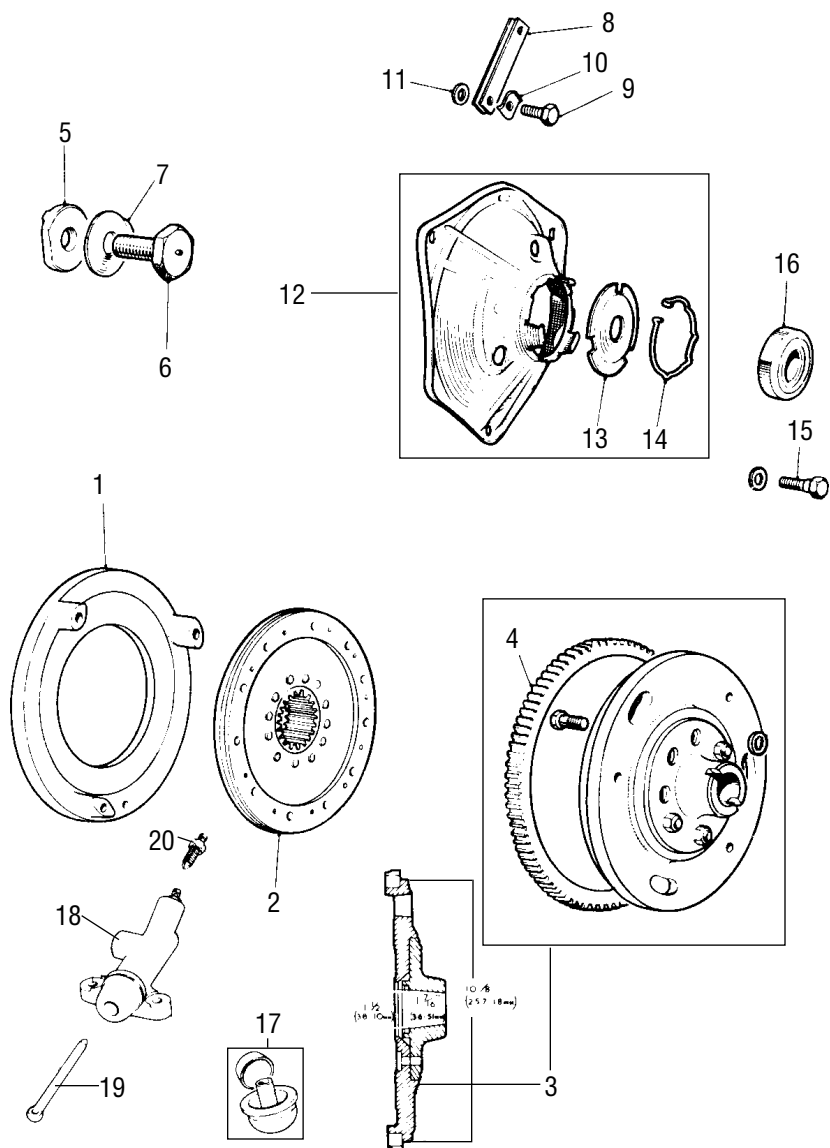
ENGINE MOUNTINGS AND BRACKETS



ENGINE MOUNTINGS AND BRACKETS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	12A361	Engine mounting bracket L/H	1	Manual
2	22A30	Engine mounting bracket up to 12A361	1	Manual except Cooper
2	22A1274	Engine mounting bracket L/H	1	Automatic
3	21A1902	Engine mounting	2	Not automatic
3	21A1902ST	Engine mounting with captive nuts	2	
4	22A1018	Engine mounting L/H	1	Automatic only
4	22A917	Engine mounting R/H	1	Automatic only
5	SH605051	Bolt for engine mount to radiator bracket	3	
5	GHF163	UNC thread bolt, mount to clutch case	3	
6	GHF332	Spring washer	A/R	
7	GHF120	Engine mounting to subframe bolt	4	2 per mounting
8	GHF201	Nut for mounting to subframe bolt	4	Not required on 21A1902ST
9	21A1109	Engine to bulkhead upper steady bar	1	
9	ERA1020	Adjustable upper engine steady bar	1	Turbo
9	21A1817	Longer upper engine steady bar, 1300cc 1990 on	1	All automatics
10	21A2569	R/H Steady bar lower, part of kit MSSK	1	Gearbox to rear
11	C-STR401	Bracket for 21A2569 to gearbox, part of kit MSSK	1	Was 21A2763
12	31G1085	Distance piece tube for CRC5329 (on lower brackets)	2	One each end
13	CRC5329	Rubber bush	4	2 Each end
14	2A5872	One piece rubber bush up to 1962	1	Engine end only
15	2A5873	Shouldered stud for master cylinder end	1	
16	BH605151	Bulk head mounting bolt (alternative 2A5873)	1	Use with 21A1108 spacer
17	21A2787	L/H steady rod lower, part of kit MSSK1	1	
18	21A2785	Bracket for 21A2787 to gearbox, part of kit MSSK1	1	Gearbox to rear
19	FAM2758	R/H steady rod lower to front	1	↙ Late type subframe
20	NAM3760	Bracket for FAM2758 to gearbox	1	↔ with bracket for rod
19	KKH10013	R/H steady rod lower to front (.50" shorter than FAM2758)	1	1300cc 1990 on
20	KKU10080	Bracket for KKH10013 rod (heavy duty NAM3760)	1	1300cc 1990 on
21	2A5869	Bracket for engine steady rod	1	Up to 1970
22	21A1107	Plate against engine block	1	Deleted for 21A2387
23	21A1106	Spacer	1	Deleted for 21A2387
24	21A2387	Bracket for engine steady rod 1971 on	1	After 21A1107 deleted
25	BH605151	Long bolt for 21A1109 to engine	1	
26	GHF120	Short bolt when 21A1106 spacer fitted	1	
26	SH605151	Short bolt when 21A1106/7 spacers deleted	1	For 21A2387
27	21A1108	Spacer for CRC5329 bushes (upper bar)	2	
	SC2	2 Plastic cone inserts to replace 21A1108	1 pr	Alternative
28	21A745	Remote control rear bracket	1	
29	21A956	Remote control rear mounting	1	
30	GHF163	Bolt for mounting to housing	2	
31	GHF302	Washer for mounting to bracket	2	
32	GHF302	Plain washer	1	
33	GHF333	Spring washer	1	
34	GHF202	Nut	1	
35	GHF120	Bracket to body bolt	3	
36	GHF301	Bracket to body bolt plain washer	3	
37	GHF332	Spring washer	3	
38	GHF322	Nut	3	
	MSSK	R/H lower steady bar kit, gearbox back to subframe	1	
	MSSK1	L/H lower steady bar kit, gearbox back to subframe	1	

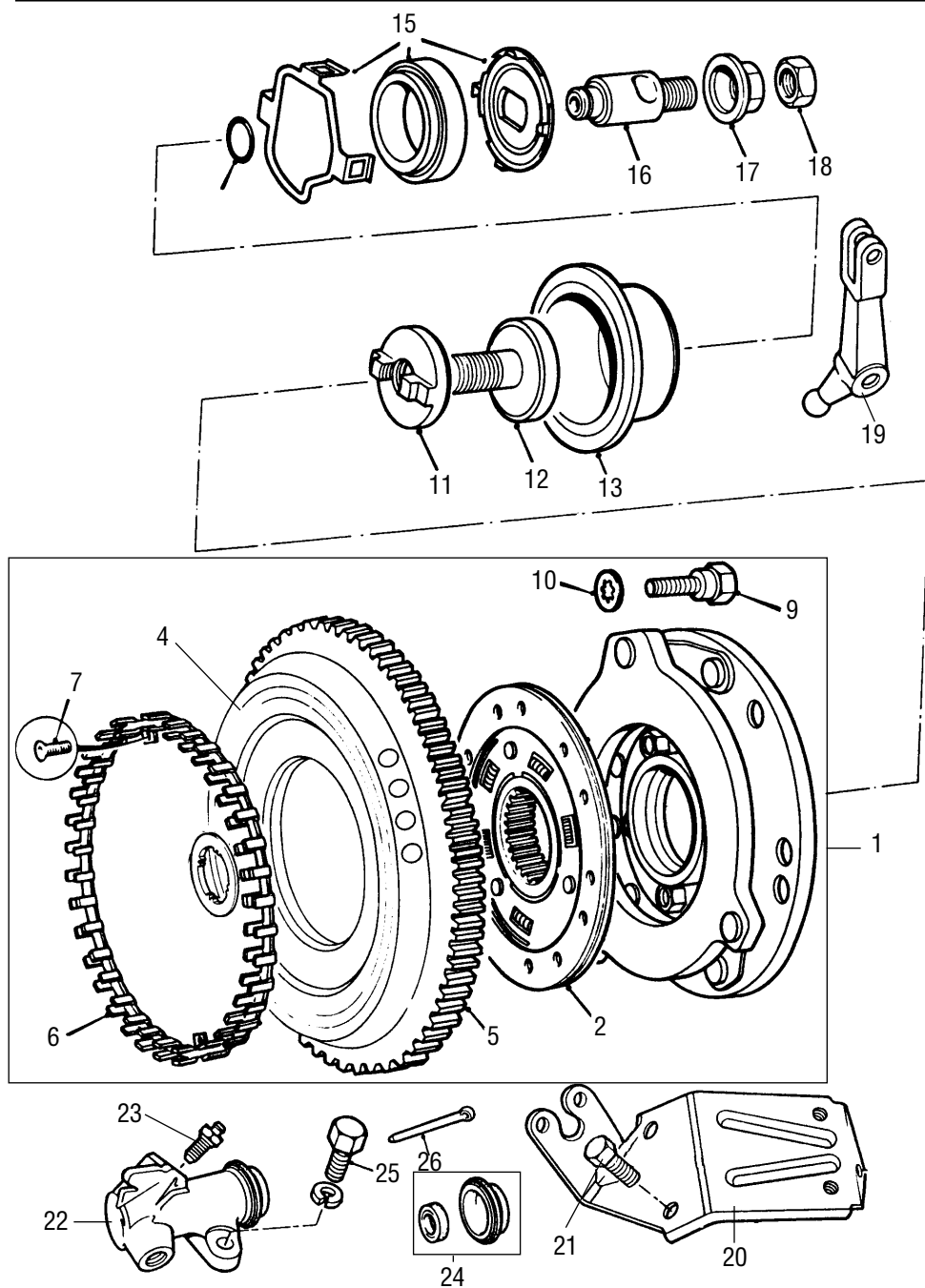
DIAPHRAGM CLUTCH AND SLAVE CYLINDER - 1964 ON



DIAPHRAGM CLUTCH AND SLAVE CYLINDER -1964 ON

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	22A598	Pressure plate	1	Except 'S'
1	22G270	Pressure plate use C-AHT230	1	Cooper 'S'/1300GT
2	GCP204	Clutch plate	1	
3	12G3014	Flywheel with ring gear, now one piece	1	Replaces all
3	C-AEG421	Flywheel with ring gear, lightened steel	1	Suitable for road
4	12G676	Ring gear, 0.500" wide	1	
4	22G2613	Ring gear, thin, automatic and C-AEG619 (0.343" wide)	1	
5	88G508	Key - flywheel to crankshaft	1	
6	22A747	Flywheel bolt	1	
7	22A1155	Locktab	1	Also in kit 18G8086
8	2A3658	Driving strap	6	
9	2A3659	Strap to flywheel screw	3	
10	2A3512	Locktab	3	
11	GHF302	Plain washer	3	
12	GCC102	Clutch diaphragm assembly	1	850cc
12	GCC103	Clutch diaphragm assembly	1	998cc
12	GCC103/B	Clutch diaphragm assembly	1	All 'S' and 1275cc
13	AAU7154	Release plate was 22G1152	1	1275cc
13	22G364	Release plate	1	Except 1275cc
14	22A921	Release plate clip	1	
15	2A3657	Pressure plate to diaphragm bolt	3	
16	GRB201	Release bearing was 22A1156	1	
17	8G8446	Slave cylinder repair kit	1	
18	22A233	Slave cylinder	1	From 1959 on
19	13H396	Push rod	1	
20	3H2428	Bleed nipple	1	
	18G8086	Clutch locktab kit	1	NOT SHOWN

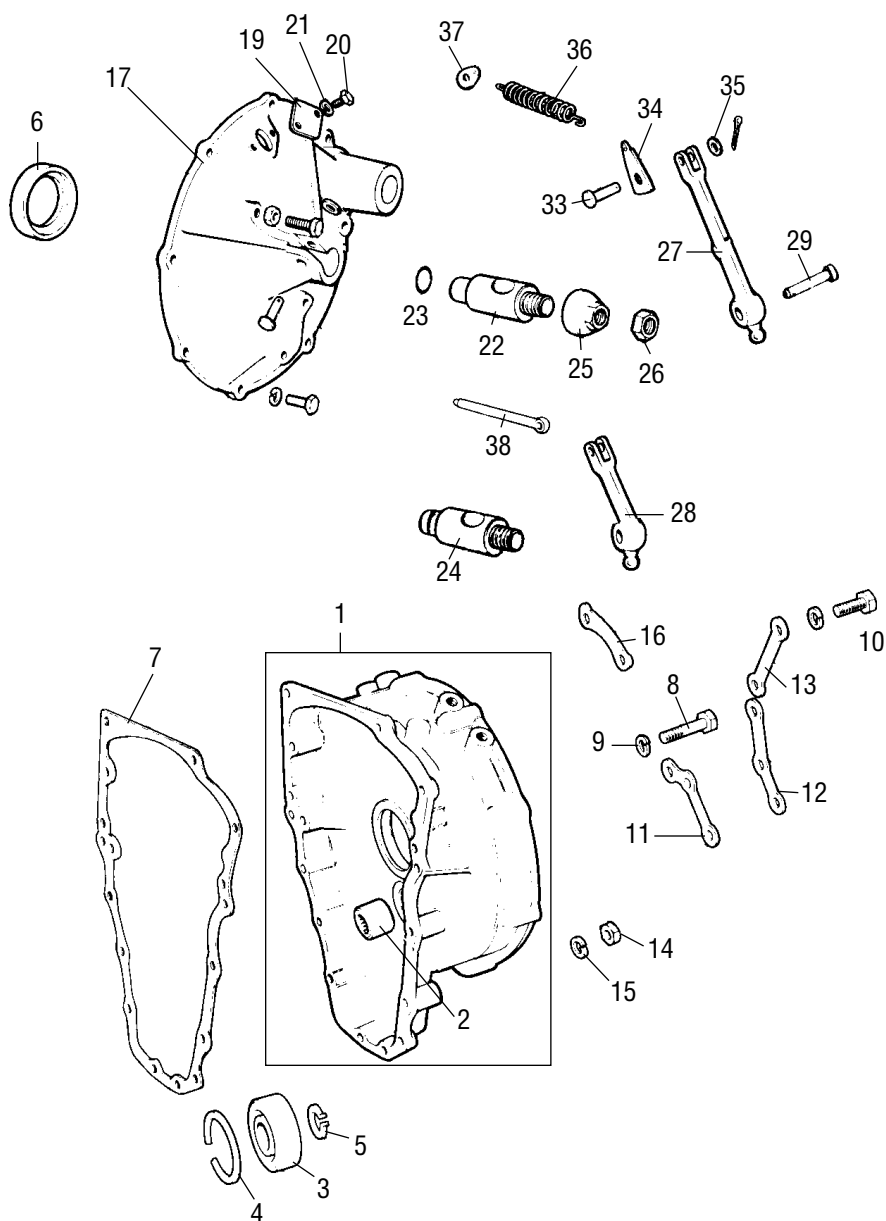
VERTO CLUTCH AND SLAVE CYLINDER - 1982 ON



VERTO CLUTCH AND SLAVE CYLINDER 1982 ON

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	GCU90107	Verto clutch assembly	1	Inertia starter
1	GCU90115AF	Verto clutch assembly	1	Pre-engaged starter
1	GCU90116AF	Verto clutch assembly	1	Turbo
1	GCU90119AF	Verto clutch assembly	1	1300cc carb type
1	GCU90120AF	Verto clutch assembly with reluctor ring	1	1300cc fuel injection
2	GCP271	Clutch plate 1982 to 1990	1	
2	GCP90821AF	Verto clutch plate	1	Turbo
2	GCP90311AF	Verto clutch plate	1	1000cc
2	GCP90832AF	Verto clutch plate	1	1300cc
3	GCC679	Verto diaphragm only	1	1000cc
4	C-AEG422	Steel lightened flywheel with ring gear	1	Tuning part
5	12G2445	Ring gear, 107 teeth	1	Inertia starter
5	PSF10003	Ring gear, 129 teeth, was DAM7487	1	Pre engaged starter
6	WAM1188	Reluctor ring for electronic managment system (TBI)	1	
7	SJ104121M	Screw for reluctor ring	1	
8	DAM2821	Verto clutch seal protector (plastic shield)	1	
9	BAU2319	Diaphragm to pressure bolt	3	
10	BAU2320	Crinkle type washer	3	
11	DAM5923	Locking plate key	1	
12	DAM5922	Flywheel retaining lock bolt	1	
13	AHU1564	Thrust sleeve	1	
14	AAU2866	'O' ring	1	
15	GRB239	Clutch release bearing complete	1	
16	DAM5353	Clutch release plunger	1	
17	22A427	Stop plunger	1	
18	NT610041	Nut, to lock 22A427	1	
19	DAM5355	Clutch arm, short	1	
20	DAM5992	Mounting plate for slave cylinder	1	
21	GHF165	Bolt for plate to case	2	
22	GSY118	Slave cylinder	1	
23	3H2428	Bleed nipple	1	
24	GRK4001	Slave cylinder repair kit was BAU1791	1	
25	SH606080	Slave cylinder to plate bolt	2	
26	13H396	Slave cylinder push rod	1	

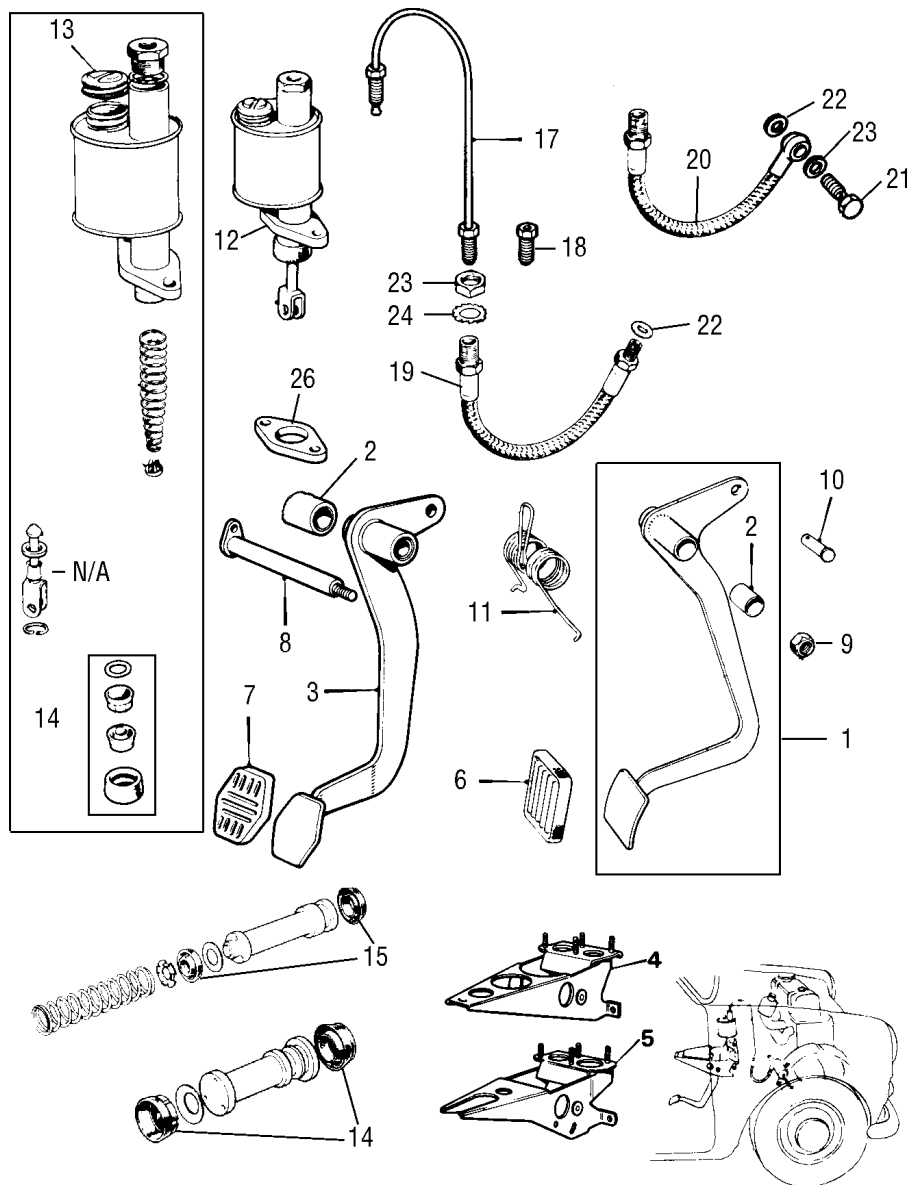
CLUTCH HOUSINGS



CLUTCH HOUSINGS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	22G1837	Flywheel housing	1	NLA, use FAM6257/9
1	DAM6074	Flywheel housing	1	Turbo only
1	DAM6259	Flywheel housing - use with AHU1707 or DAM3745	1	998cc,
1	TRD10015	Flywheel housing, was DAM6257, use with AHU1707	1	1300cc (Breather hole)
2	AHU1707	Idler bearing 1.375" 34.92mm O/D	1	.875" 22.22mm I/D
2	DAM3745	Idler bearing 1.375" 34.92mm O/D	1	.750" 19mm I/D
2	13H7848	Idler bearing 1.065" 27.05mm O/D	1	4 synchro early
2	88G302	Idler bearing 1.004" 25.5mm O/D	1	3 synchro
3	AAU8424	1st motion shaft nose bearing, was 13H6080	1	13H6080 not interchangeable with AAU8424
3	ADU6033	1st motion shaft nose bearing 1.692" 42.98mm O/D	1	Turbo only
4	2A3643	Circlip for AAU8424 in flywheel housing	1	
4	ADU7194	Circlip for ADU6033 in flywheel housing	1	Turbo only
5	CCN110	Circlip for holding 1st motion shaft bearing	1	
6	13H2934	Clutch oil seal (DAM2821 seal protector available)	1	
6	LVF10005	Clutch oil seal (reluctor type flywheel)	1	Injection only
7	22A2237	Flywheel casing gasket	1	
8	BH605141	Clutch case screw, long was BH605141	3	DAM7758 bolt, alternative
9	GHF332	Clutch case washer was LWZ305	3	
10	GHF103	Screw, short was SH605081	3	DAM7753 bolt, alternative
11	22A1762	Locktab	1	Part of 18G8086
12	22A1761	Locktab	1	Part of 18G8086
13	2A3521	Locktab	1	Part of 18G8086
14	FNZ505	Nut	9	
15	GHF332	Washer was LWZ305	4	
16	22A1241	Locktab	1	Part of 18G8086
17	88G300	Cover, with timing hole	1	NLA
17	AHU1106	Cover - Verto with no timing hole	1	
18	DAM7755	Bolt - clutch cover	8	
19	2A3635	Cover for timing hole	1	
20	SH604041	Screw for timing hole cover	2	
21	GHF331	Washer	2	
22	22A180	Plunger, press fit for release bearing GRB238	1	
22	DAM1955	Plunger, which takes GRB238 and DAM2413	1	✓ Release bearing fit
23	DAM2413	Clip, to hold GRB238 to DAM1955	1	⇔ loose on plunger
24	DAM5353	Plunger verto clutch	1	1982 on
25	22A427	Plunger stop	1	
26	NT610041	Nut, was FNZ210	1	
27	22A2204	Clutch arm, was 2A3518, pre Verto	1	
28	DAM5355	Clutch arm short verto only	1	1982 on
29	CLZ628	Clevis pin, lever to case	1	
30	GHF302	Washer, was PWZ106	1	
31	GHF101	Adjusting screw was HZS409	1	
32	FNZ604	Locking nut	1	
33	CLZ518	Clevis pin, lever to push rod	1	
34	2A3601	Spring anchor	1	
35	GHF301	Washer was FWZ105	1	
36	1G5999	Clutch spring	1	
37	2A3600	Anchor spring end	1	Pre Verto
38	13H396	Slave cylinder push rod	1	All Minis

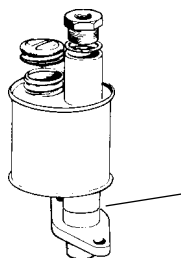
CLUTCH AND PEDAL LINKAGE



CLUTCH AND PEDAL LINKAGE

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	2A5866	Pedal assembly R/H/D pre 1976	1	CWE
2	2A3034	Pedal bush for all	2	
3	NAM3116	Pedal assembly R/H/D	1	1976 on
3	NAM3115	Pedal assembly L/H/D	1	1976 on
4	21A2467	Pedal box assembly single line brakes	1	NLA
5	NAM8670	Pedal box assy for tandem master cylinder was FAM4368	1	Tandem brake
6	GPR104	Pedal pad (rubber) to 1976	1	
7	GPR107	Pedal pad (rubber) 1976 to 1990	1	
7	SZU10001	Pedal pad 1990 on	1	
8	2A5880	Shaft for brake and clutch pedal	1	
9	GHF222	Lock nut for 2A5880	1	
10	CLZ512	Clevis pin master cylinder to pedal	1	
11	2A5652	Pedal return spring	1	
12	GMC1008	Clutch master cylinder was AAU4969	1	
13	51323A	Plastic filler cap	1	
14	8G8424	Repair kit with one flat cap end seal and one ring seal	1	Rubber seals only
15	SSB960	Repair kit with 2 ring type seals	1	Rubber seals only
16	31G279	Sealing washer	1	
17	SPA12	Metal pipe with unions R/H/D	1	11" long
17	SPA32	Metal pipe with unions L/H/D	1	32" long
18	TM606031	Clutch pipe unions	A/R	
19	13H300	Clutch hose for 22A233 slave cylinder	1	
19	C-AJJ4025	Steel braided hose	1	
20	GVP1009	Clutch hose with Banjo end, fits GSY118, was ADU6450	1	1982 on
20	C-AJJ4025B	Banjo type steel braided hose	1	
21	C5192	Banjo bolt for GVP1009	1	
22	233220	Copper sealing washer	1	
23	3H550	Washer, banjo bolt to banjo	1	
24	2K8686	Locking nut	1	
25	WE600101	Shakeproof washer	1	

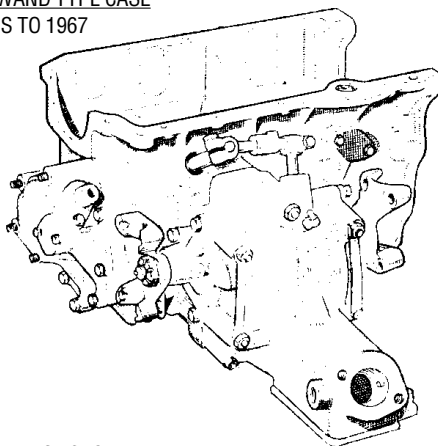
MASTER CYLINDER THAT HAS 2 RING SEALS CAN BE IDENTIFIED BY A SINGLE GROOVE AROUND BODY BELOW FLUID RESERVOIR, AS PER DIAGRAM BELOW.



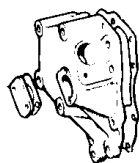
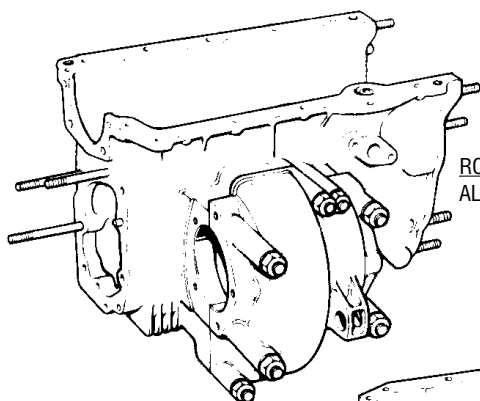
IDENTIFICATION GROOVE ON BRAKE OR CLUTCH MASTER CYLINDER

GEARBOX CASING AND PART NUMBERS

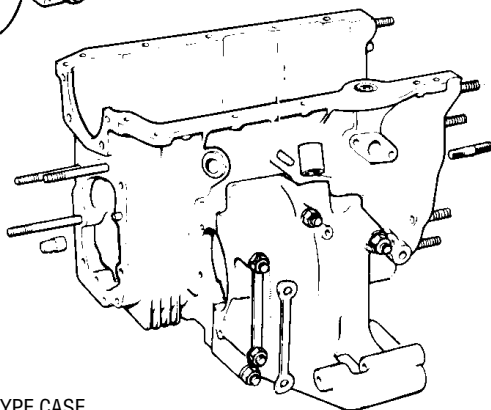
MAGIC WAND TYPE CASE
VARIOUS TO 1967



ROD CHANGE CASE
ALL MINIS FROM 1973



REMOTE TYPE CASE
ALL COOPER AND 'S', 998CC MINI FROM
1967, 850CC FROM 1968



GEARBOX CASING AND PART NUMBERS

CASING No	PART No.	DESCRIPTION	
22A104		850cc Cone synchromesh, magic wand	NLA
22A363	22A361	850cc Cone synchromesh, magic wand	NLA
22G68		850/998cc Mini 997/998cc Cooper, 'A' and 'B' type remote or magic wand	
NLA			
22A1288		850/998cc Mini 'B' type magic wand	CWE
22G382		850/998cc Mini 'B' type magic wand	CWE
22G190	22G188	970/1071cc Cooper 'S' 'A' and 'B' type gears remote type	NLA
22G333	22G331	970/1275cc Cooper 'S' 'B' type	NLA
22A1228	22A1294	Non 'S' 'B' type remote type	NLA
22A1522	22A1529	Last 'B' type for Mini and 'S' 3 synchromesh remote type	CWE
22G1128	22G1338	All 4 synchro with remote	CWE
22G1832	22G2382	Rod change with small idler bearing	NLA
DAM4818	DAM3755	Rod change, A plus with 4 bolt bearing retainer	NLA
DAM2886	BHM5045	Rod change, A plus 4 bolt bearing retainer and stronger idler housing	NLA
DAM5626	BHM5093	A plus with 3 bolt bearing retainer	

3 SYNCHROMESH

The original Minis gears were known as cone type synchromesh, which had a brass baulk ring fitted to the gear. These were replaced in October 1962 by the conventional type of baulk ring as used today and became known as 'A' type gears. 'A' type gears were used up until September 1964 when 'B' type gears were introduced, which had to be fitted in complete sets if interchanging with exception to the Cooper 'S', which had a 22G204 laygear manufactured to accept 'B' type 1st and reverse gears 22A1021 and 22G202 respectively.

'A' type gears have a much steeper inclined helical cut which is very noticeable when placed side by side. The 'A' type 2nd and 3rd gear both run on bronze bushes whereas 'B' type run on 26 small rollers per gear. The 'A' type 3rd motion shaft (main shaft) has a smaller nose to accept the 1st motion shaft which has a fixed sleeve bearing which is obsolete and not replaceable. The 'B' type 1st motion shaft had a free fitting needle roller bearing, which slides in and out freely. Apart from the 22G204 laygear all 'A' type laygears had a circlip recess 1/10" from the ends to hold the layshaft bearings in. All 'B' type laygears plus 22G204 had the circlip recess 1" in to stop the bearings moving into the gear, but easily sliding in or out when the gear is not fitted.

4 SYNCHROMESH

At the end of 1968 the 4 synchromesh gearbox was introduced, which had all different gears and ratios. The bearing housing at the clutch end of the gearbox case, which housed the 1st motion shaft roller bearing was machined THINNER on the inside of the gearbox case to help accommodate the extra 1st gear.

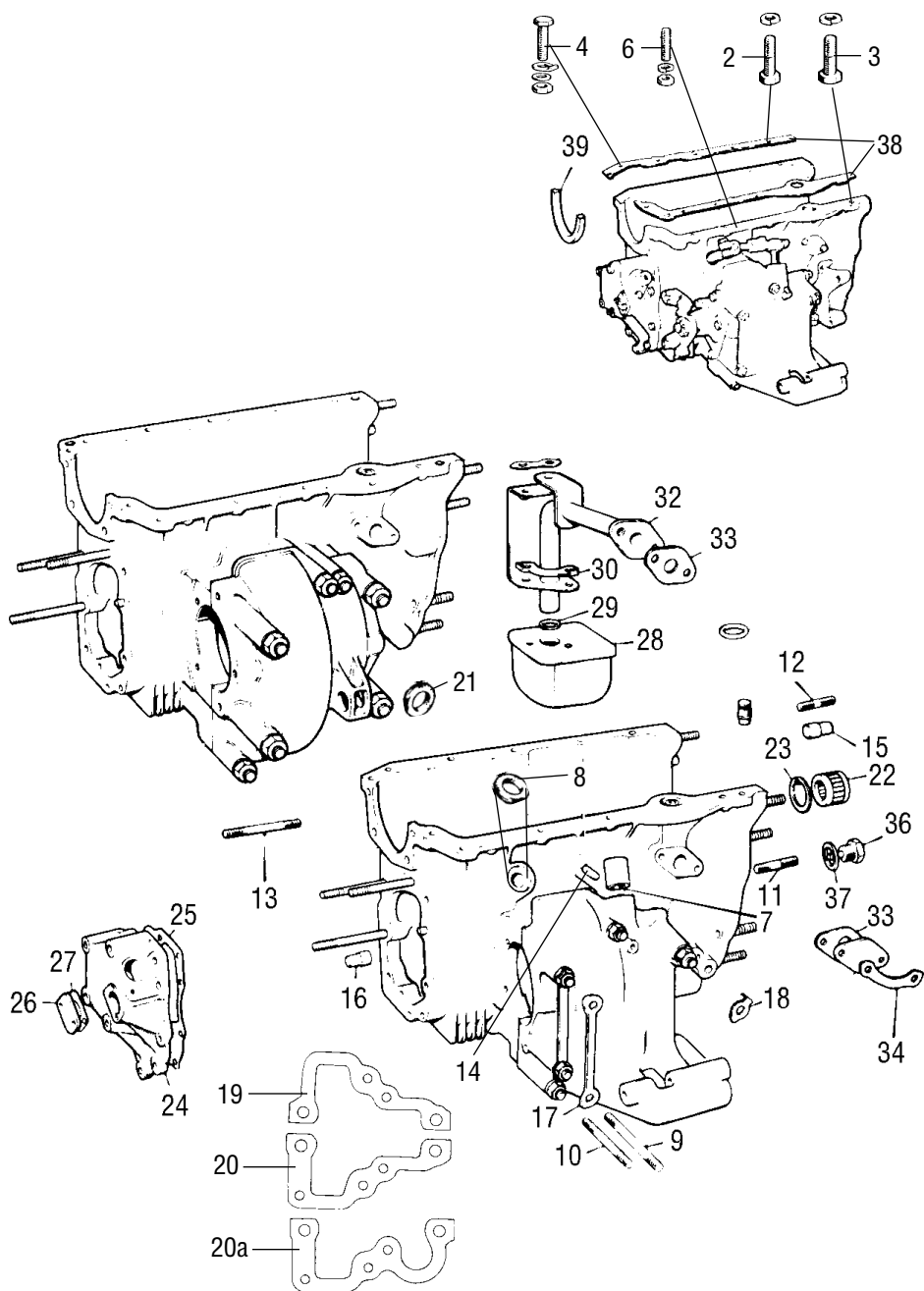
ROD CHANGE 4 SYNCHROMESH

Beginning of 1973 the remote gear lever housing extensions were replaced by two external rods, hence the name rod change gearbox. Internally the three selector shafts were replaced by one.

About 1982 'A' plus gears started appearing, which were identified by having a groove mark in the middle of the teeth on 2nd/3rd gear, 1st motion and 4th gear on the laygear. These were cut at a different tooth angle making the gears (less noisy) with different ratios again.

About 1984 the center main double roller retainer was changed from 4 holes to 3 holes as the case tended to crack where one of the locating holes for the retainer was drilled.

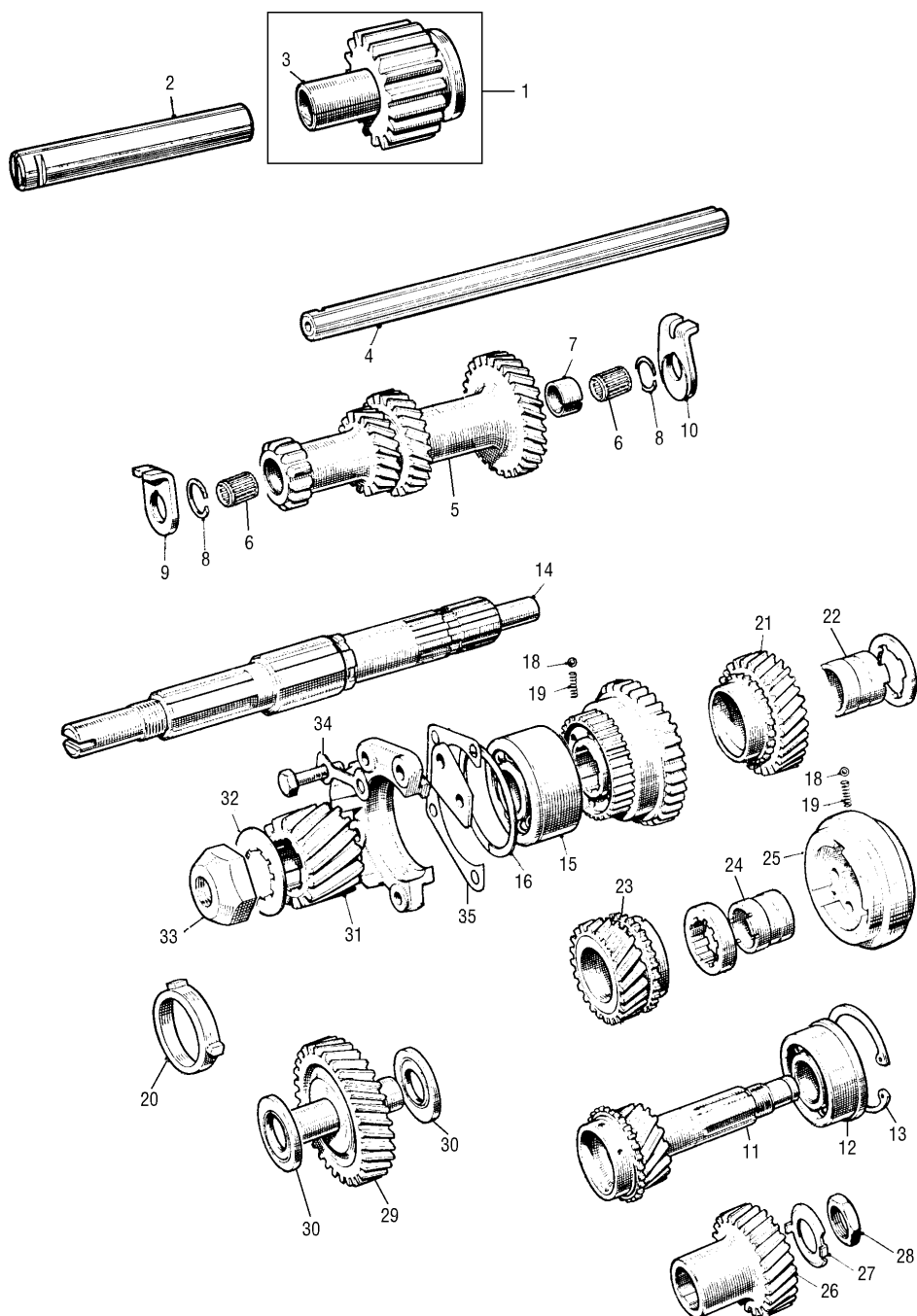
GEARBOX TRANSMISSION CASE PARTS



GEARBOX TRANSMISSION CASE PARTS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	18G8085	Gearbox lock tab kit	1	Not shown
2	GHF102	Gearbox case, front block to gearbox bolt	5	1 also on 22H983
3	GHF101	Gearbox case, rear block to gearbox set screw	4	1 also on front
4	BH604140	Bolt for dowel on front	1	
5	22H983	Case to block rear dowel	1	
6	FHS2409	Stud, rear stud for thin flange block	2	
6	FHS2410	Stud, rear stud for thick flange block	2	
7	2A3502	Gear change linkage bush	2	
8	13H577	Gear change oil seal	1	
9	53K266	Stud for diff housing long 4.5", 2 only for rod change	4	NLA Use TAM1617
10	53K1471	Stud for diff housing, short 3.5" x .250" thread	3	NLA Use CHS522
10	22G1834	Stud for diff housing, short 3" x .375" thread	2	Rod change only
11	22A152	Long stud for flywheel housing, alternative DAM7759 bolt	6	use DAM7759 bolt
12	53K547	Short stud for flywheel housing	3	use DAM7756 bolt
13	53K1474	Stud for speedo drive housing cover	3	use DAM7761 bolt
14	22A153	Dowel for diff housing	2	
15	22A97	Dowel for flywheel housing	2	
16	22A13	Dowel for speedo drive housing	2	
17	22A74	Diff housing locktab, pre rod (Remote type only)	1	Part of 18G8085
17	42H500	Diff housing locktab, rod change	1	Part of 18G8085
18	22A251	Diff housing locktab	1	Part of 18G8085
19	2A3505	Upper gasket for diff housing	1	
20	2A3506	Lower gasket for diff housing	1	Pre-rod change
20a	22G1836	Lower gasket for diff housing	1	Rod change
21	AHU1672	Gearchange oil seal was 13H6862	1	Rod change
22	88G302	Idler gear bearing with 1.004 25.5mm O/D	1	3 synchro
22	13H7848	Idler gear bearing with 1.065 27.05mm O/D	1	4 synchro
22	DAM3745	A plus idler gear bearing 1.375 34.92mm O/D	1	.750" 19mm I/D
22	AHU1707	A plus idler gear bearing 1.375 27.05mm O/D	1	.875" 22.225mm I/D
23	22G1141	Clip for 3 synchro case where 88G302 fitted	1	NLA
23	51K3565	Circlip 4 synchro, where 13H7848 fitted	1	
24	88G207	Speedo drive housing cover	1	New BL# DAM5219
25	22A541	Gasket for housing	1	
26	2A3626	Speedo drive case plate	1	
27	2A3627	Gasket for speedo drive case plate	1	
28	22A335	Oil strainer	1	
29	22A341	Suction pipe sealing ring	1	
30	22A388	Lock tab	1	Part of 18G8085
31	22A1365	Lock tab	1	Part of 18G8085
32	22G1150	Oil suction pipe	1	
33	22A542	Pipe to case and flange gasket	2	
34	2K4874	Lock tab	1	NLA
35	TRS1317	Oil suction sealing ring - case to block	1	2A3606 alternative
36	DAM7335	Magnetic drain plug	1	
37	AED172	Washer for drain plug	1	
38	GEG502	Gearbox to engine gasket, was AJM502	1	
39	12G2947	Seal (half moon)	1	

GEARS - A-TYPE

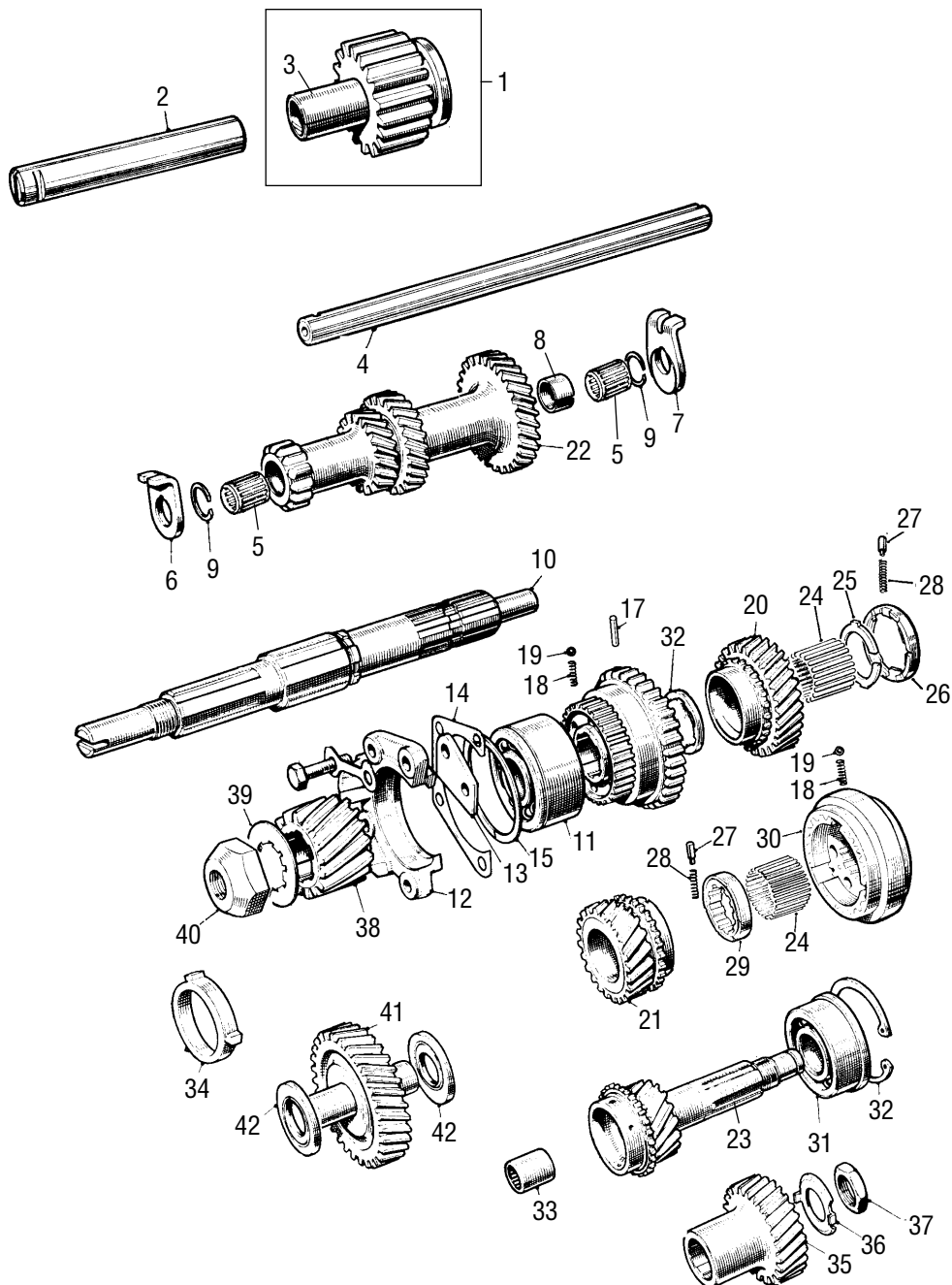


'A' TYPE GEARS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	22A377	Reverse gear	1	CWE
2	88G209	Reverse gear shaft	1	
3	2A3475	Reverse gear bush	1	NLA
4	22A1371	Layshaft	1	
5	22G76	Laygear for 997cc to 9FSA 28575	1	
5	22G197	Laygear for 997cc to 9FSA 28576 on	1	997cc
5	22G204	Laygear but uses B type, 1st & reverse 22A1021/22G202	1	All Cooper and 'S'
5	22A381	Laygear	1	850cc
6	88G396	Layshaft bearings	2	
7	22G277	Spacer sleeve for bearing	1	NLA
8	22G278	Internal circlips for laygear	2	
9	88G324	Laygear small thrust washer	1	
10	88G325	Laygear large thrust washer 123□-124□	1	CWE
10	88G326	Laygear large thrust washer 125□-126□	1	CWE
10	88G327	Laygear large thrust washer 127□-128□	1	NLA
11	22A416	1st motion shaft to 9F/SA 28575	1	997 only
11	22A588	1st motion shaft (19 teeth)	1	850cc
11	22A592	1st motion shaft (20 teeth) for 22G204 laygear	1	Cooper 'S'
12	2A3709	1st motion ball bearing	1	
13	2A3711	Clip for 1st motion ball bearing	1	
14	22G70	3rd motion shaft (mainshaft)	1	CWE
15	2A3712	Mainshaft double ball bearing, very early pre 1962	1	62mm diameter
15	AAU1365	Mainshaft double ball bearing	1	65mm diameter
16	ADU4992	Spring ring for double ball bearing was 22G721	1	
17	22G440	1st/2nd synchronizer gear hub	1	
18	BLS107	Synchronizer ball	3	Per hub
19	22A367	Synchronizer spring	3	Per hub
20	22G2033	Baulk ring	3	
21	22G194	2nd gear (28 teeth)	1	Fits 22G204 laygear
21	22A582	2nd gear (28 teeth)	1	850cc/997cc
22	2A3298	Bush for 2nd gear	1	
23	22A415	3rd gear to 9F/SA 28575	1	997cc
23	22G195	3rd gear (24 teeth) 997/998cc 9F/SA 28576 on	1	All 'S' 22G204 laygear
23	22A583	3rd gear (23 teeth)	1	850cc
24	2A3290	Bush for 3rd gear	1	
25	22G97	3rd/4th synchronizer assembly, was 22G358	1	
26	2A3545	1st motion drive gear, use 22G849 with spacer C-STR239	1	
27	DAM4000	Locktab	1	
28	2A3548	Nut for 1st motion shaft	1	
29	22G943	Idler gear, shaft size .750" (19mm)	1	Was equal shaft length
30	22A1545	Idler gear thrust washer .130-131" (3.30-3.32mm)	A/R	Green coding
30	22A1546	Idler gear thrust washer .132-133" (3.35-3.37mm)	A/R	Black coding
30	22A1547	Idler gear thrust washer .134-135" (3.40-3.42mm)	A/R	White coding
30	22A1548	Idler gear thrust washer .136-137" (3.45-3.47mm)	A/R	Blue coding
30	22A1549	Idler gear thrust washer .138-139" (3.50-3.53mm)	A/R	Red coding
31	22A399	Final drive pinion	1	3.76 ratio
32	DAM6140	Locktab	1	
33	22G48	Mainshaft nut	1	
34	DAM2377	Locktab	2	
35	2A3714	Locating plate shim .003" thou	A/R	
35	2A3715	Locating plate shim .010" thou	A/R	

Many of the gears are no longer available, part number for reference only.

GEARS - B-TYPE 3 SYNCHRO MESH



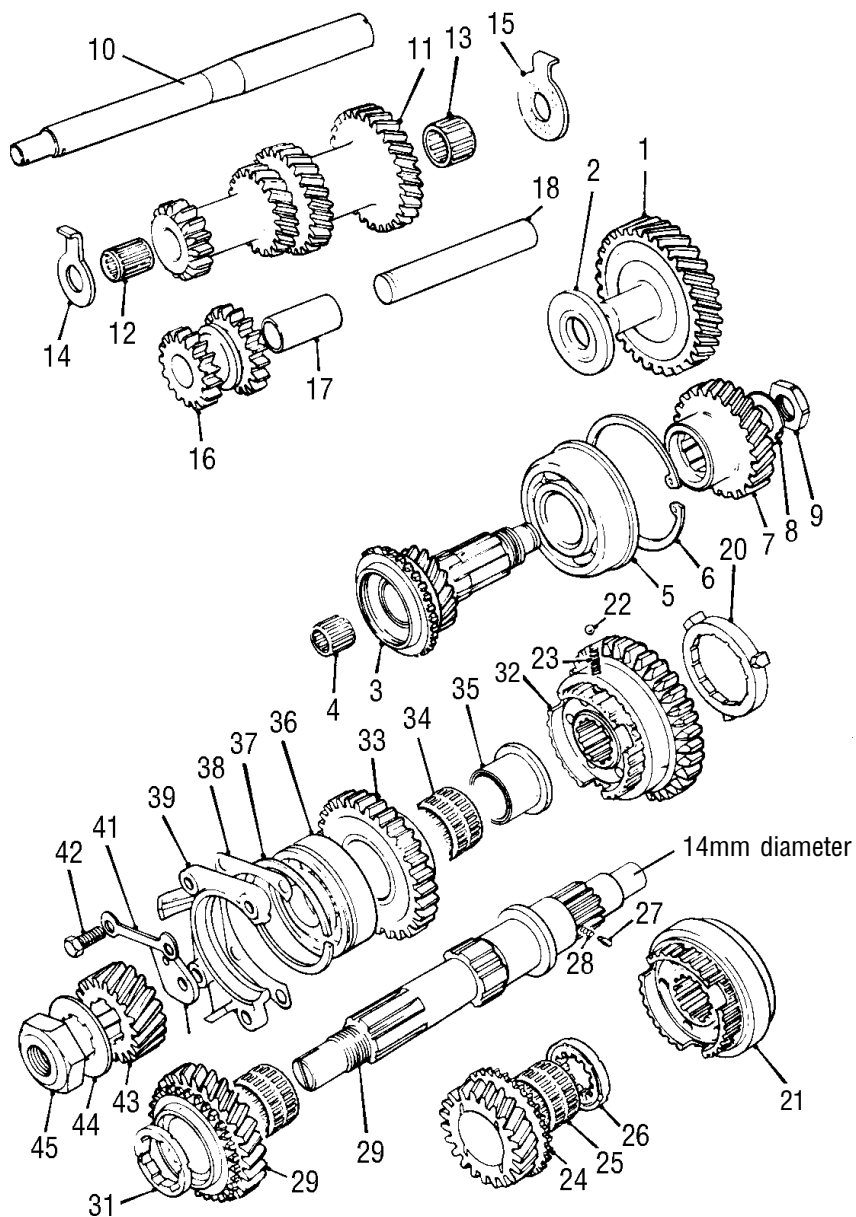
'B' TYPE 3 SYNCHRO MESH GEARS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	22G202	Reverse gear	1	
2	88G209	Reverse gear shaft	1	
3	2A3475	Reverse gear bush	1	NLA
4	22A1371	Layshaft (Hi-spec alternative C-22A1371)	1	Use C-22A1371
5	88G396	Layshaft needle roller bearings	2	
6	88G324	Laygear thrust washer small	1	
7	88G325	Laygear thrust washer large .123"-.124"	1	
7	88G326	Laygear thrust washer large .125"-.126"	1	
8	22G277	Laygear bearing distance piece	1	
9	22G278	Laygear bearing circlips	2	
10	22G392	Mainshaft	1	
11	AAU1365	Double ball bearing	1	
12	22A522	Bearing retainer takes DAM2377	1	
13	2A3581	Locating plate	1	
14	2A3714	Locating plate shim .003" thou	A/R	
14	2A3715	Locating plate shim .010" thou	A/R	
15	22G72	Bearing spring clip	1	BL# ADU4992
16	22A1021	1st/2nd gear outer track (32 teeth)	1	
17	22G89	Plunger for 1st/2nd synchro hub	1	
18	22A367	Synchroniser spring	6	3 per hub - NLA
19	BLS107	Synchroniser ball	6	3 per hub
20	22A980	2nd gear (28 teeth) A . B	1	CWE, fitted all
21	22A981	3rd gear was 22G235 (23 teeth) B	1	CWE, 850cc and 998cc
21	22A983	3rd gear was 22A557 (24 teeth) A	1	CWE, 'S' only
22	22G231	Laygear 28.24.19.13. teeth B	1	CWE, 850cc and 998cc
22	22G1100	Laygear was 22G232 (26/23/19/13 teeth) A	1	1275 'S'
23	22A979	1st motion shaft was 22G325 (19 teeth) B	1	CWE, 850cc and 998cc
23	22A982	1st motion shaft was 22G322 (20 teeth) A	NLA	Some Cooper and 'S'
24	22G149	2nd/3rd gear needle rollers	26	Per gear
25	22G157	Retaining collar for 2nd/3rd gear	4	
26	22G186	Locking washer for 2nd gear	1	
27	22A495	Locking peg for 2nd/3rd gear	A/R	
28	22G154	Locking peg spring for 2nd/3rd gear	A/R	
29	22G196	Locking washer for 3rd gear	1	
30	22G410	3rd/4th synchroniser hub	1	
31	2A3709	1st motion ball bearing	1	
33	CHM172	1st motion needle roller	1	
34	22G2033	Baulk ring	3	
32	2A3711	Clip for 1st motion ball bearing	1	
35	2A3545	1st motion drive gear, use 22G849 and C-STR239 spacer	1	
36	DAM4000	Lock tab	1	
37	2A3548	1st motion shaft locking nut	1	
38	22A399	Final drive pinion 3.7	1	
38	22A413	Final drive pinion 3.4	1	1275cc late 998cc
39	DAM6140	Pinion locktab	1	
40	22G48	Mainshaft locking nut	1	
41	2A3493	Idler Gear	1	
42	22A1545	Thrust Washer, idler gear, .130-.131"	2	See page 72 for alternate sizes

Gears marked A and B are identified as compatible in sets.

Use laygear as identification for gear fitment as some late Coopers had 22G1100 fitted.

GEARS - 4 SYNCHRO UP TO 1979

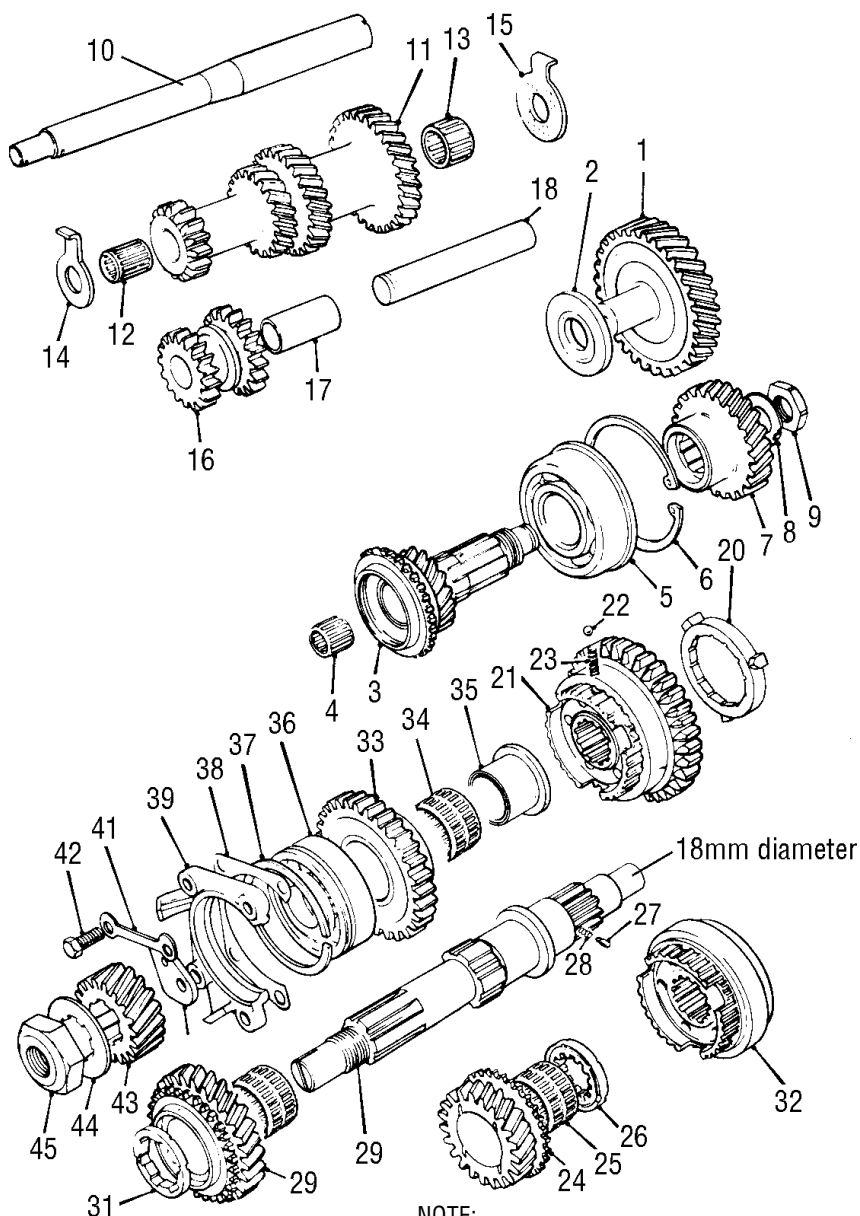


4 SYNCHRO GEARS UP TO 1979 WITH 14MM NOSE MAINSHAFT

850cc, 1000cc, 1275GT AND 'S', CLUBMAN AND ESTATE

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	22G943	Gear idler, 31 teeth shaft diameter .750" (19.05mm)	1	
2	22A1545	Thrust washer idler gear .130-131" (3.30-3.32mm)	2	Green code
2	22A1546	Thrust washer idler gear .132-133" (3.35-3.37mm)	2	Black code
2	22A1547	Thrust washer idler gear .134-135" (3.40-3.42mm)	2	White code
2	22A1548	Thrust washer idler gear .136-137" (3.45-3.47mm)	2	Blue code
2	22A1549	Thrust washer idler gear .138-139" (3.50-3.53mm)	2	Red code
3	22G1093	1st motion shaft 17 teeth	1	Except 1275GT/'S'
3	22G1371	1st motion shaft 18 teeth	1	1275GT/'S'
4	CHM172	Roller needle bearing	1	
5	ADU7619	1st motion ball bearing	1	
6	22G850	Circlip bearing	1	
6	22G851	Circlip bearing	1	
7	22G849	1st motion gear shaft drive 24 teeth	1	
8	DAM4000	Washer locktab	1	
9	2A3548	Nut	1	
10	22G931	Layshaft	1	
11	22G927	Laygear 15.20, 25.29 teeth	1	Except 1275GT/'S'
11	22G1040	Laygear 15.20, 25.29, smaller diameter 29 teeth area	1	1275GT/'S'
12	88G396	Needle roller bearing	1	
13	CHM141	Needle roller bearing, was 22G855	1 pr	
14	22G856	Thrust washer laygear .123-124" (3.12-3.14mm)	1	
14	22G857	Thrust washer laygear .125-126" (3.17-3.20mm)	1	
14	22G858	Thrust washer laygear .127-128" (3.22-3.25mm)	1	
14	22G859	Thrust washer laygear .130-131" (3.30-3.32mm)	1	
15	22G860	Thrust washer laygear, large	1	
16	22G1034	Reverse idler gear	1	Remote change
16	22G1852	Reverse idler gear	1	Rod chang
17	22G825	Bush (single one piece bush)	1	
18	DAM8038	Reverse idler gear shaft	1	
19	22G833	3rd motion shaft with small end nose .550" (13.97mm)	1	
20	22G2033	Baulk ring	4	
21	22G2264	3rd and 4th synchronizer hub	1	BL# DAM7456
22	BLS107	Ball for synchronizer hub (3 per hub)	6	
23	22G2262	Spring for synchronizer hub (3 per hub)	6	
24	22G1095	3rd speed gear (21 teeth)	1	
25	AAU1816	3rd gear roller needle bearing was 88G496	1	
26	22G947	Thrust washer for 2nd gear	1	
27	22G843	Peg	3	2 on 2nd gear
28	22G154	Spring	2	
29	22G1094	2nd speed gear 26 teeth	1	
30	AAU1816	Roller needle bearing was 88G495	1	
31	22G839	Thrust washer	1	
32	DAM7455	1st and 2nd synchronizer hub was 22G2263	1	
33	22G1096	1st speed gear 31 teeth	1	
34	AAU1815	Roller needle bearing was 88G494	1	
35	22G837	1st speed gear journal	1	
36	AAU1365	3rd motion shaft ball bearing	1	
37	22G72	Spring ring	1	
38	2A3714	Shim, 2 thou	A/R	
38	2A3715	Shim, 10 thou	1	
39	2A3581	Locating plate	1	
40	22A522	3rd motion bearing retainer, remote type	1	CWE
40	22G2726	3rd motion bearing retainer, rod change	1	NLA
41	DAM2377	Locktab washer	2	
42	SH505071	Retainer screw	4	
43	22A399	Final drive pinion 17 teeth 3.76:1 ratio	1	
43	22A413	Final drive pinion 18 teeth 3.44:1 ratio	1	
44	DAM6140	Locktab washer	1	
45	22G48	Retaining pinion nut	1	

GEARS - 4 SYNCHRO ROD CHANGE 1979 ON



4 SYNCHRO GEARS 1979 ON ROD CHANGE WITH 18MM NOSE MAINSHAFT

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	DAM2924	Idler gear, 37 teeth, shaft diameter .875" (22.225mm)	1	
2	DAM5914	Idler gear shim .130-.131" (3.30-3.32mm)	1	
2	DAM4822	Idler gear shim .132-.133" (3.35-3.37mm)	1	No marking
2	DAM4823	Idler gear shim .134-.135" (3.40-3.42mm)	1	Yellow marking
2	DAM4824	Idler gear shim .136-.137" (3.45-3.47mm)	1	Red marking
2	DAM4825	Idler gear shim .138-.139" (3.50-3.53mm)	1	Blue marking
3	DAM3092	1st motion shaft, 17 teeth	1	
3	DAM3167	1st motion shaft, 18 teeth	1	1275GT
3	DAM4930	1st motion shaft, 17 teeth	1	'A' plus marking
4	13H9513	1st motion needle roller	1	
5	ADU7619	1st motion ball bearing	1	
6	22G850	Bearing clip	1	Alternative sizes
6	22G851	Bearing clip	1	
7	DAM2925	1st motion shaft drive gear, 29 teeth	1	
8	DAM4000	Locktab	1	
9	2A3548	Nut	1	
10	DAM3187	Layshaft, 3 step type	1	
11	DAM3169	Laygear, 15.20.25.29 teeth	1	
11	DAM3168	Laygear, 15.20.25.29 tth (smaller diameter 29 teeth area)	1	1275GT
11	DAM4931	Laygear, 15.21.26.30 teeth	1	'A' plus marking
12	88G396	Needle roller for laygear small end	1	
13	CHM141	Needle roller for laygear large end	1/2	Quantity reduced
14	DAM3180	Laygear thrust washer small .121-.123" (3.07-3.12mm)	1	
14	DAM3181	Laygear thrust washer small .124-.126" (3.1-3.20mm)	1	
14	DAM3182	Laygear thrust washer small .127-.129" (3.22-3.27mm)	1	
14	DAM3183	Laygear thrust washer small .130-.132" (3.30-3.35mm)	1	
15	22G860	Laygear thrust washer large	1	
16	TUB10020	Reverse gear, was DAM8046	1	Now single bush
17	22G825	Reverse gear single bush, (replaces 2 small ones)	1	Early had 2 bushes
18	DAM8038	Reverse gear shaft	1	
19	DAM7484	3rd motion shaft with larger nose end .709" (18mm)	1	
20	22G2033	Baulk ring	4	
21	DAM7455	1st motion synchronizer hub	1	
22	BLS107	Ball for synchronizer (3 per hub)	6	
23	22G2262	Spring for synchronizer (3 per hub)	6	
24	22G1095	3rd gear, 21 teeth, use with DAM3168/9 laygear	1	
24	DAM4933	3rd gear, 21 teeth	1	'A' plus markings
25	AAU1816	3rd gear bearing was 88G496	1	
26	22G947	Thrust washer	1	
27	22G843	2nd/3rd gear peg	3	2 for 2nd gear
28	22G154	Spring for 2nd/3rd gear pegs	2	1 per gear
29	22G1094	2nd gear, 26 teeth, use with DAM3168/9 laygear	1	
29	DAM4932	2nd gear, 26 teeth	1	'A' plus markings
30	AAU1816	2nd gear needle roller was 88G495	1	
31	22G839	2nd gear washer	1	
32	22g2264	3rd/4th synchronizer hub	1	BL# DAM7456
33	22G1096	1st gear, 31 teeth	1	
34	AAU1815	1st gear bearing, was 88G494	1	
35	22G837	1st speed gear journal	1	
36	AAU1365	3rg motion shaft ball bearing	1	
37	22G72	Bearing clip	1	
38	2A3714	Shim, 2 thou	A/R	
38	2A3715	Shim, 10 thou	A/R	
39	DAM1756	Bearing retainer	1	4 bolt
39	DAM5996	Bearing retainer	1	3 bolt
40	2A3581	Locating plate	1	
41	DAM2377	Locktab	1	
42	SHE505071	Retaining screw	1	3 or 4 as required
43	DAM2679	18 teeth final drive pinion	1	3.4 ratio
43	DAM2808	19 teeth final drive pinion	1	3.1 & 3.2 ratio
43	DAM2927	20 teeth final drive pinion	1	2.9 ratio
43	TCC10001	21 teeth final drive pinion	1	2.76 ratio
44	DAM6140	Pinion locktab	1	

GEARBOX - FIVE SPEED FINAL DRIVE RATIOS & GEARBOXES

LAYGEAR	Fifth Gear Pair		Fifth Ratio	Final Drive	Overall 5th Ratio
22G927	20 X 38	0.526	0.897	3.44	3.085
CONSTANT	20 X 39	0.513	0.875	3.44	3.01
1.706	19 X 38	0.500	0.853	3.44	2.93
22G1040	21 X 38	0.553	0.891	3.44	3.065
CONSTANT	21 X 39	0.538	0.867	3.44	2.98
1.611	19 X 38	0.500	0.806	3.44	2.77
A PLUS	20 X 39	0.513	0.905	3.44	3.11
CONSTANT	19 X 38	0.500	0.882	3.44	3.03
1.765	19 X 39	0.487	0.859	3.44	2.95
CLUBMAN	26 X 18	0.692	0.865	3.44	2.975
STRAIGHT CUT	27 X 19	0.704	0.880	3.44	3.03
CONSTANT 1.25	26 X 19	0.731	0.914	3.44	3.144
ST 4 SYNCHRO	27 X 18	0.667	0.877	3.44	3.02
STRAIGHT CUT	26 X 18	0.692	0.9111	3.44	3.13
CONSTANT 1.316					

CONSTANT = 4TH GEAR / LAYGEAR RATIO

FINAL DRIVE MULTIPLIED BY FIFTH RATIO = 5TH GEAR FINAL DRIVE

The achievable fifth gear pairs above are in matched pairs and must not be interchanged at random. The fifth pairings opposite are compatible sets, but confirmation with the supplier is required.

TRANS05	Five speed gear box complete, not A plus
MSG2	Five speed gear conversion kit
MSG3	Five speed gear box, customers box converted and rebuilt
MSG4	Five speed gear box complete, A plus
MSG5	Five speed gear box complete, close ratio (22G1040 laygear)
MSG7	Five speed gear box complete, straight cut

PRE 'A' PLUS FINAL DRIVE GEARS, CASTING NUMBER AS PER PART NUMBER

CROWNWHL	TEETH	RATIO	PINION	TEETH
22A411	62	3.444	22A413	18
22G940	62	3.647	22A399	17
22A401	64	3.765	22A399	17
22G340	63	3.938	22G338	16
22G101	62	4.133	22G99	15
22G370	64	4.267	22G99	15
22G443	65	4.33	22G99	15

FINAL DRIVE GEARS WITH 'A' PLUS TEETH ANGLES

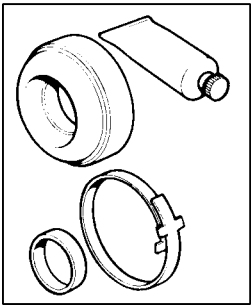
CROWNWHL	TEETH	CASTING NO.	RATIO	PINION	TEETH
DAM3645	65	DAM3546	4.333	DAM3647	15
DAM3216	63	DAM3217	3.938	DAM3218	16
DAM4162	62	DAM4163	3.647	DAM4137	17
DAM4779	64	DAM4780	3.765	DAM4131	17
DAM2677	62	DAM2678	3.444	DAM2679	18
DAM6327	59	DAM6243	3.105	DAM2808	19
DAM2806	61	DAM2807	3.211	DAM2808	19
DAM5925	59	DAM5926	2.95	DAM5927	20
TCB10004	58	TCB10005	2.76	TCC10001	21

A PLUS TYPE PINIONS HAVE BOTH SIDES MACHINED FLAT.

FIFTH GEAR FITTING COMPATABILITY CHART

20 teeth - 1 identification groove	Will alternate with either	39 teeth, 1 identification groove
21 teeth - No identification groove		38 teeth, no identification groove
19 teeth - 2 identification grooves	Will interchange with	38 teeth, 2 ident. grooves 1/2" apart
		39 teeth, 2 ident. grooves 1/8" apart

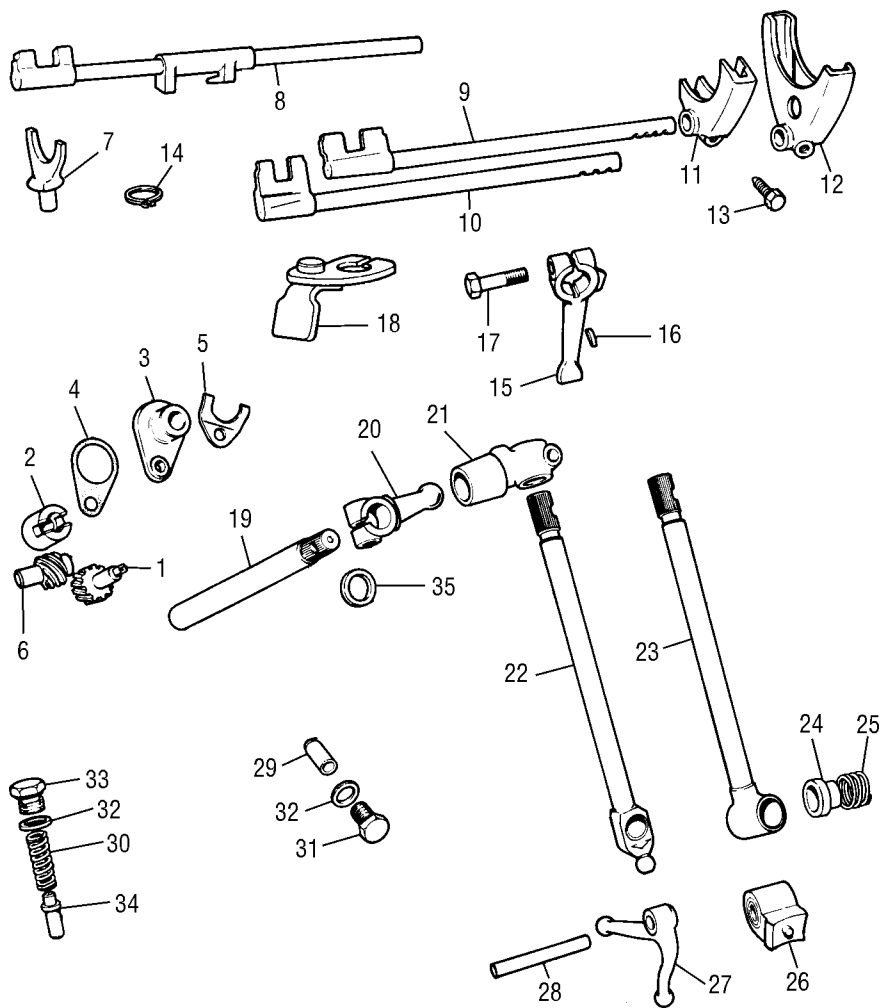
DIFFERENTIAL ASSEMBLY



DIFFERENTIAL ASSEMBLY

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	BTA145	Differential case, using 2A7062 washer	1	When BTA154 used
1	DAM6027	Differential case, using DAM5071 washer	1	When BTA154 omitted
2	ATA7378	Bush for diff case and crown wheel	2	
3	22A411	62 teeth crown wheel 3.4 ratio (DAM2677 A plus)	1	Use 18 teeth pinion
3	22A401	64 teeth crown wheel 3.76 ratio (DAM4779 A plus)	1	Use 17 teeth pinion
3	DAM6327	59 teeth crown wheel 3.105 ratio	1	Use 19 teeth pinion
3	DAM2806	61 teeth crown wheel 3.2 ratio	1	Use 19 teeth pinion
3	DAM5925	59 teeth crown wheel 2.95 ratio	1	Use 20 teeth pinion
3	TCB10004	58 teeth crown wheel 2.76 ratio	1	France
4	ATA7043	Crown wheel bolt	6	
5	ATA7385	Crown wheel locktab	3	
6	BTA154	Thrust block	1	Deleted on DAM6027
7	DAM6624	Pinion was 2A7015	2	
8	DAM5071	Pinion bronze thrust washer with locating lip	2	For DAM6027
9	2A7062	Pinion bronze thrust washer	2	For BTA145
10	22G2583	Differential cross pin genuine, new shape	1	Use C-BTA166
10	BTA166MS	Differential cross pin, original shape	1	Alternative C-BTA166
11	RPS1418	Roll pin for diff pin to case	1	
12	22A373	Output shaft for 22A374	2	Rubber coupling type
12	22A1151	Output shaft for 22A1152	2	Hardy Spicer type 'S'
13	DAM3114	Output shaft, was DAM6138	2	Pot joint
14	22G2688	Circlip for DAM3114, on shaft	2	
15	BTA101	Fibre thrust washer	2	
16	AHU1856	Differential ball bearing	2	
17	2A3535	Differential bearing shims .002"/.0508mm	A/R	
17	2A3534	Differential bearing shims .003"/.0762mm	A/R	
17	DAM3108	Differential bearing shims .006"/.1524mm	A/R	
17	DAM3109	Differential bearing shims .010"/2.540mm	A/R	
18	CHM85	Output flange cover not automatic	2	Except Hardy Spicer
18	22G420	Output flange cover (22G419 with lug for rod change)	2	Hardy Spicer type
18	22G419	Output flange cover, not Automatic	2	'S' Hardy Spicer type
19	2A3538	Output flange cover bush	2	For CHM85
19	22G421	Output flange cover bush	2	For 22G419/22G240
20	ADU5738	Output flange cover oil seal	2	
20	AHU1082	Output flange cover oil seal	2	'S' Hardy Spicer type
21	TRK10004B	Output flange cover gasket	2	
22	22A374	Drive flange for output shaft	2	Rubber coupling type
23	22A1152	Drive flange for 22A1151	2	'S' Hardy Spicer type
24	22A1139	Drive flange bolt	8	
25	22A1104	Flange to output shaft bolt	2	
26	22A1201	Plain washer	2	
27	88G493	Drive flange collet	4	
28	22A1566	Sealing ring	2	
29	GCD101	Driveshaft rubber coupling kit including U bolts and nuts	2	
29	QL5000	Driveshaft nylon and needle roller coupling kit	1	Alternative to GCD101
30	22A132	U bolt	8	
31	ADU4378	In board CV joint (pot joint)	2	Was DAM677
32	BHM7012	Gaiter kit (GSV1073 genuine gaiter kit)	2	

GEARBOX SELECTORS - MAGIC WAND & REMOTE TYPE

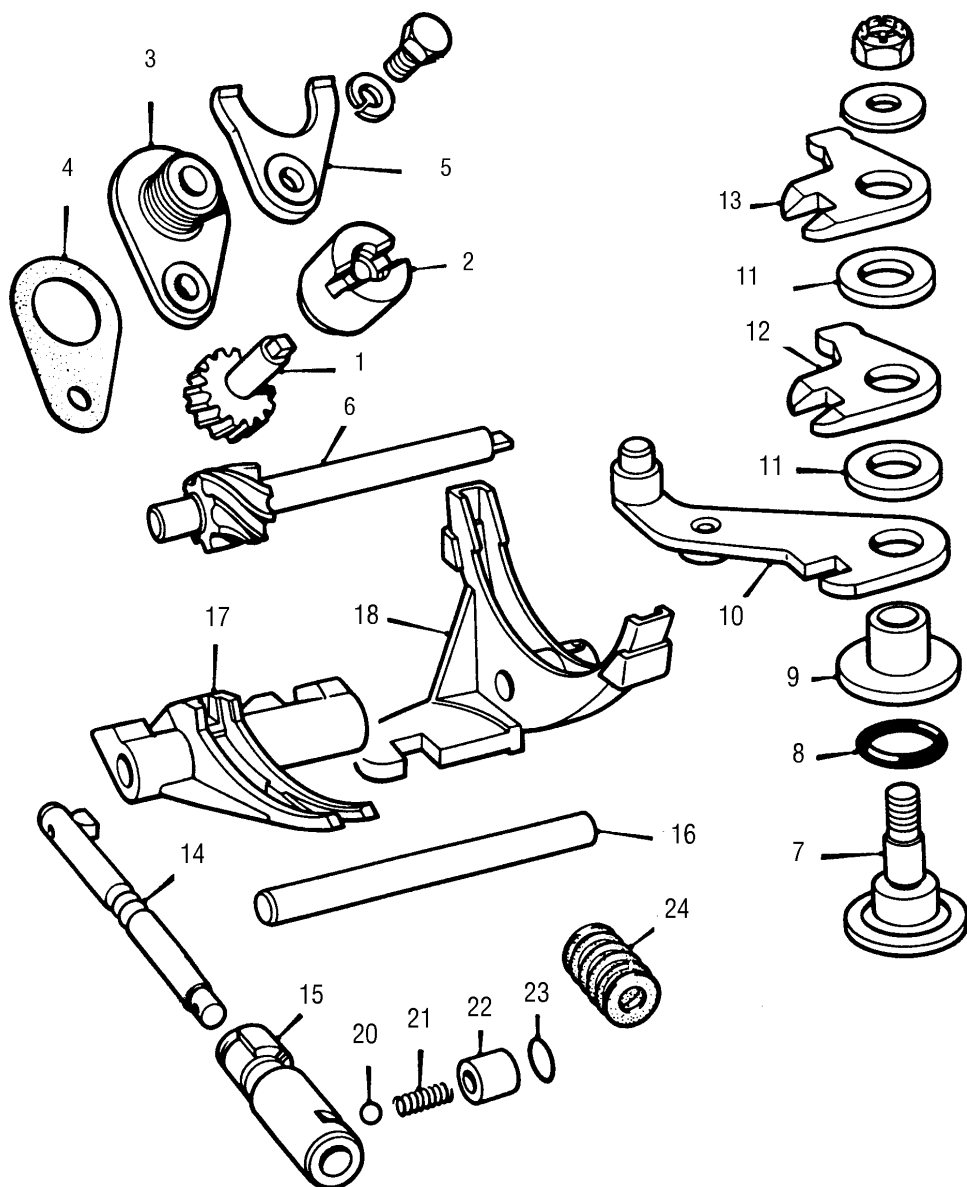


MAGIC WAND / REMOTE TYPE SELECTORS AND SPEEDO DRIVE

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A1881	Nylon speedometer pinion gear, 17 teeth	1	
2	2A3624	Metal seating bush	1	
3	DAM8488	Speedometer cable to pinion housing	1	Was 28G251
4	2A3628	Housing gasket	1	
5	22A862	Spring U plate	1	
6	2A3720	Speedo drive to mainshaft gear, 6 teeth	1	
7	22G827	Reverse fork	1	
8	22A169	Reverse selector rod	1	
9	22G821	1st/2nd selector rod	1	CWE 4 synchro
9	22A167	1st/2nd selector rod	1	CWE 3 synchro
10	22G822	3rd/4th selector rod	1	CWE 4 synchro
10	22A168	3rd/4th selector rod NLA	1	3 synchro
11	22A611	1st/2nd selector fork	1	3 synchro
11	22G889	1st/2nd selector fork	1	4 synchro
12	22A610	3rd/4th selector fork	1	3/4 synchro
13	2A3492	Selector fork bolt	3	CWE
14	CCN108	Circlip, lever to pivot pin	1	
15	88G222	Change speed lever	1	
16	WKN404	Lever keyway	1	
17	2A3335	Lever securing bolt	3	One each for 15/20/21 levers
18	22A208	Change speed gate	1	
19	88G231	Gear change shaft	1	
20	88G224	Gear change knuckle, male	1	
21	88G223	Gear change knuckle, female	1	
22	22A253	Remote change shaft, when remote housing fitted	1	CWE
23	88G233	Gearchange for magic wand case	1	NLA
23	88G553	Remote gear change shaft (non remote housing)	1	85H engine 1970 on
24	2A3467	Gearlever thrust button, NLA. plus magic wand..pre 1967	1	85H engine 1970 on
25	2A3390	Gearlever spring, NLA..... plus magic wand..pre 1967	1	85H engine 1970 on
26	22A1832	Gearlever seat and locating pad, NLA	1	85H engine 1970 on
27	22G79	Ball end lever crank	1	CWE
28	22G259	Pivot pin for 22A1832 and 22G79	1	
29	22G411	Detent plunger	3	
30	2A3647	Detent spring	4	
31	22A387	Detent plug	2	
32	AED172	Sealing washer	3	
33	22A149	Detent plug for reverse	1	
34	22A191	Reverse detent plunger	1	
35	13H577	Oil seal for remote gear shaft	1	

In 1970, 850cc Minis with engine number 85H101 on had a remote type gearbox case, which was fitted with a magic wand type gearlever, held up by a plate underneath using 23/24/25/26. A remote control can be fitted changing part 23 and fitting parts 22/27.

GEARBOX SELECTORS & SPEEDO DRIVE - ROD CHANGE

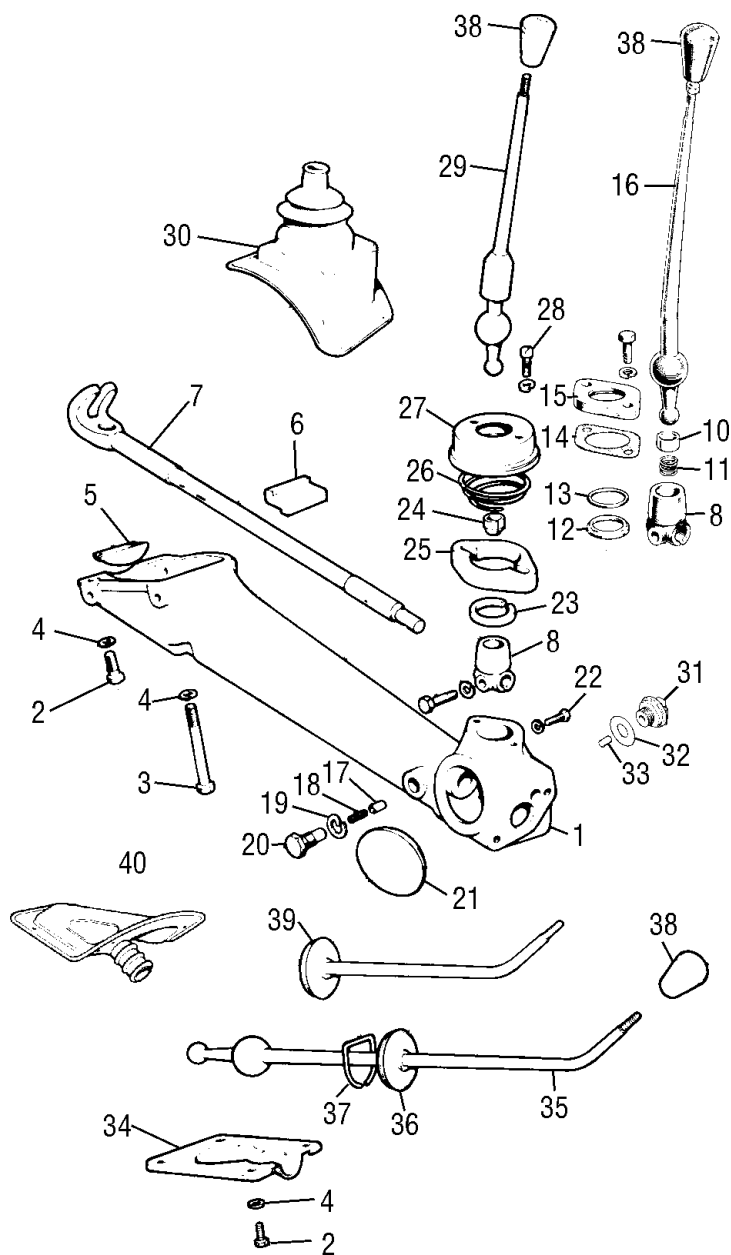


ROD CHANGE GEAR SELECTORS AND SPEEDO DRIVE

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	22A1881	Speedo pinion 17 teeth	1	All pre 1980
1	DAM2905	Speedo pinion 16 teeth, 3.1 final drive (from 1984 on)	1	12" wheels
1	TXD10006	Speedo pinion 18 teeth, 3.2 final drive	1	12A Engine TBI
1	TXD10004	Speedo pinion 15 teeth, 2.76 final drive	1	
2	2A3624	Metal seating bush	1	
3	DAM8488	Speedometer cable to pinion housing	4	Was 28G251
4	2A3628	Gasket	1	
5	22A862	U clip	1	
6	2A3720	Speedo drive spindle for 22A1881, 6 teeth	1	
6	DAM6028	Speedo drive spindle for DAM2905, 7 teeth, blue code	1	12" wheels, 3.1 f/drive
6	TXF10004	Speedo drive spindle for TXD10006, 5 teeth, red code	1	3.2 final drive
6	TXF10001	Speedo drive spindle for TXD10004	1	
7	22G1845	Bell crank pivot pin	1	
8	31B447	Pivot pin seal	1	
9	42H1077	Pivot bush	1	
10	22G1849	Release lever (reverse)	1	
11	42H1081	Lever spacer	2	
12	22G1847	Bell lever crank, lower	1	
13	22G1848	Bell lever crank, upper	1	
14	22G1858	Selector shaft	1	
15	22G1844	Interlock spool	1	
16	22G1854	Selector shaft for speed fork	1	
17	DAM7425	1st/2nd selector fork, genuine	1	
18	DAM7426	3rd/4th selector fork, genuine	1	
19	22G2595	Roll pin to hold 3rd/4th fork to rod	1	
20	BLS110	Detent ball	1	These parts sit behind the offset drive flange cover
21	22G2083	Detent spring	1	
22	22G1873	Detent sleeve	1	
23	22G1417	'O' ring for sleeve	1	
24	DAM3022	Gaiter for rod change oil seal	1	
25	AHU1672	Rod change case oil seal	1	

Use 6/16 pinion on 12" wheels with 3.44 final drive.

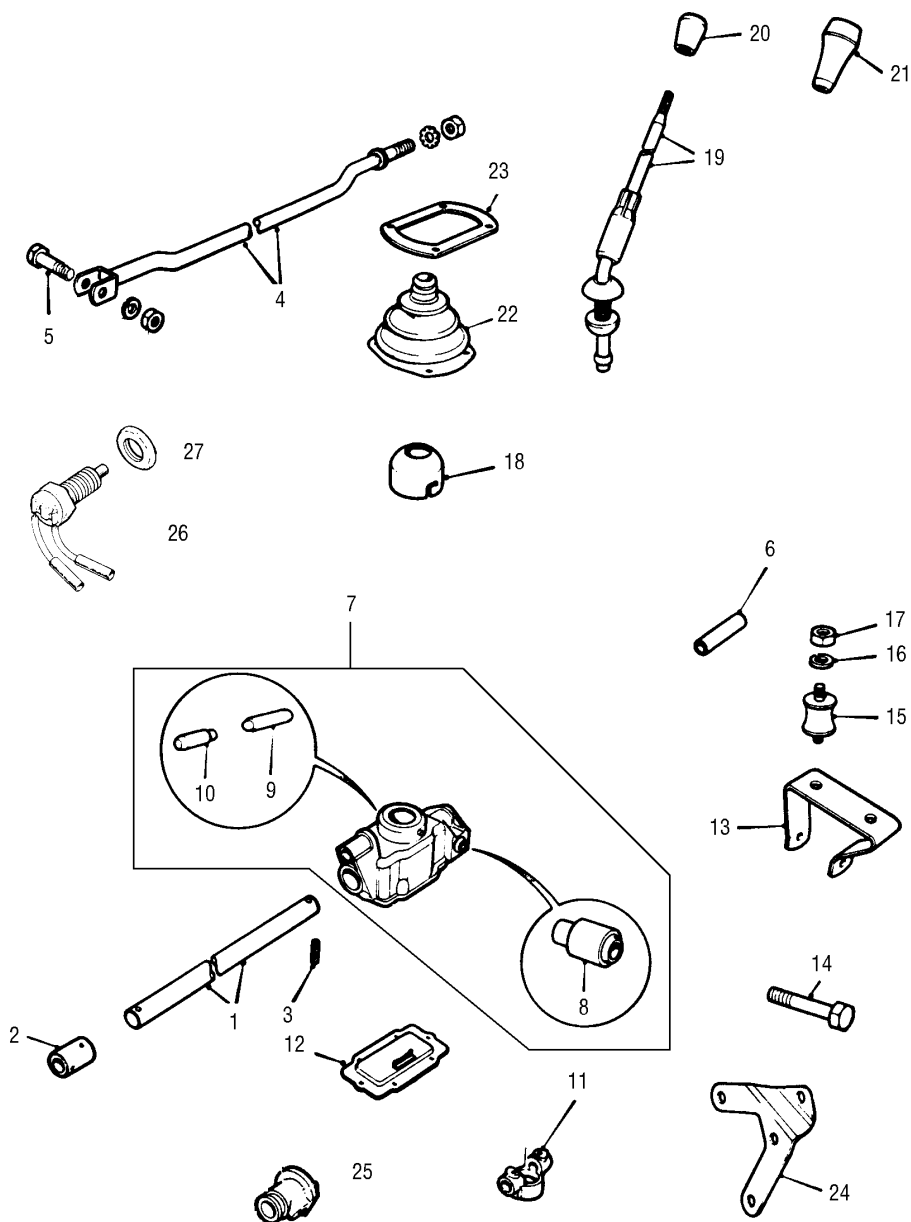
GEARCHANGE UP TO 1972 - NOT ROD CHANGE



GEARCHANGE UPTO 1972 NOT ROD CHANGE

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	22A250	Remote control housing	1	
2	GHF165	Short remote to case bolt	2	
3	ZCS628	Long remote to case bolt	2	
4	LWZ306	Spring washer	4	
5	22A285	Rubber plug	1	
6	22A1373	Rubber pad for case to remote housing	1	
7	8G713	Gear change shaft	1	
8	22A267	Knuckle for gear change shaft	1	
9	2A3335	Screw for knuckle to shaft	1	
10	22G158	Gear seat for gearlever, early type	1	NLA
11	22G159	Spring for 22G158, early type	1	NLA
12	22A392	Nylon flange retainer	1	CWE
13	22A393	Oil seal	1	NLA
14	22A394	Retainer gasket	1	CWE
15	22A391	Gearlever retainer	1	NLA
16	22A269	Gearlever, early type	1	NLA
17	22A84	Anti rattle plunger	1	NLA
18	AEG3123	Anti rattle spring	1	NLA
19	AEG3122	Washer	1	NLA
20	22A85	Spring retaining cap	1	NLA
21	22A271	Dust cover large plug	1	
22	2A3602	Locating pin for gearlever	1	CWE
23	22G292	Nylon flange	1	Late type
24	22G389	Gearlever seat	1	Late type
25	88G228	Distance piece	1	NLA
26	22G286	Tension spring	1	
27	22G290	Gearlever retainer	1	NLA
28	22G291	Retainer bolt	2	
29	22G1190	Gearlever late type, chrome	1	NLA
30	22A608	Gearlever gaiter, original	1	
30	22A608MS	Budget gearlever gaiter	1	
31	GAE131	Reverse light switch	1	CWE
32	2K7914	Insulation fibre washer	1	CWE
33	22G351	Reverse light plunger	1	CWE
34	22A1717	Cover to hold up gearlever when remote case	1	85H Engine
35	22A1382	Gearlever, when remote case only, NLA	1	85H Engine
36	22A1380	Gaiter when remote case only	1	CWE
37	22A1381	Gaiter retainer ring, when remote case only	1	CWE
38	22G110	Original gear knob	1	NLA
39	22A419	Dust excluder, magic wand, non remote case	1	
40	14A6860	Gearlever gaiter, magic wand	1	

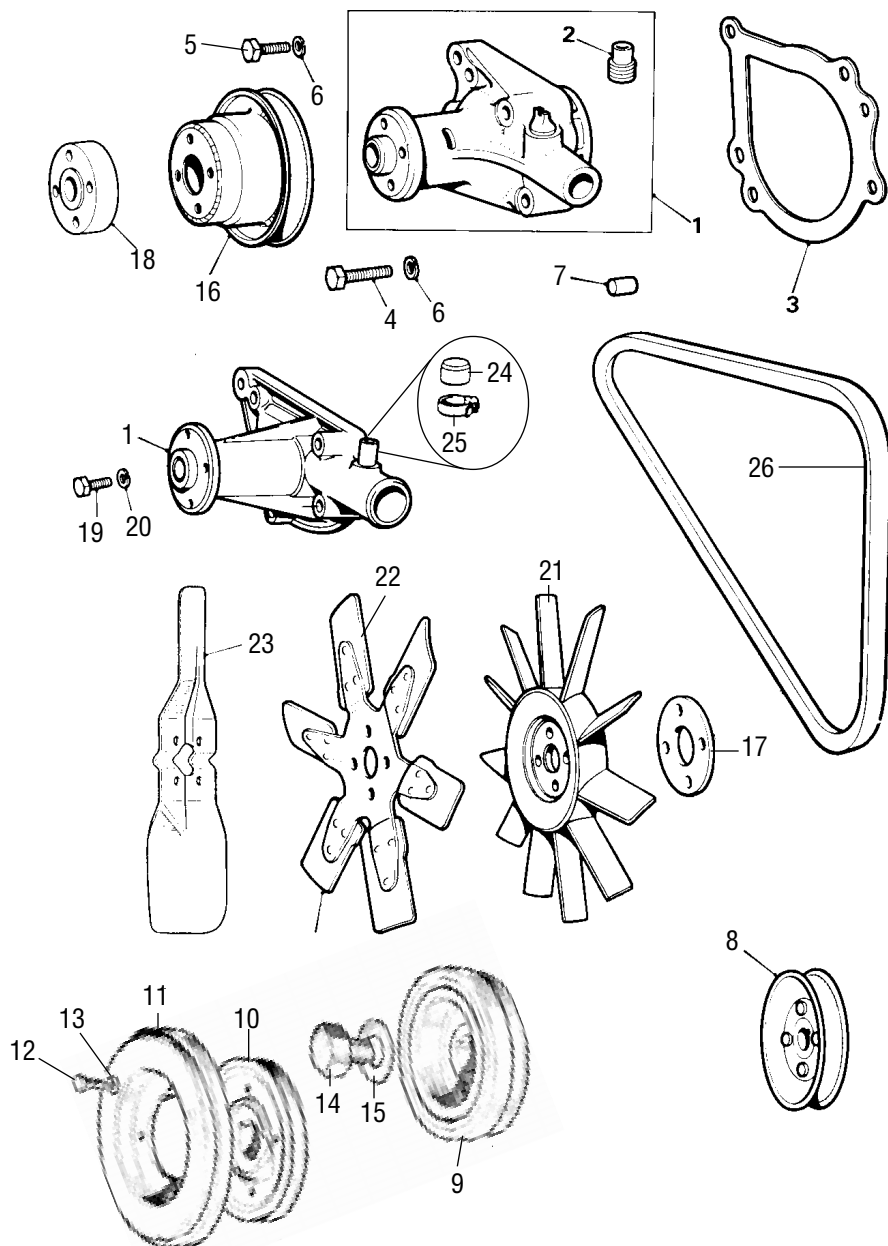
ROD CHANGE GEAR SHIFT MECHANISM



ROD CHANGE GEAR SHIFT MECHANISM

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	22G1930	Extension rod to gear lever	1	
1	UKN10023	Extension rod to gear lever	1	1300cc 1991 on
2	42H1116	Coupling for extension rod	1	
3	RPS1416	Roll pin (coupling to rod) and eye extension rod	2	
4	22A1936	Gearbox to gearlever steady rod	1	
4	DAM5067	Gearbox to gearlever steady rod	1	1000cc 1985 on
4	UKN10032	Gearbox to gearlever steady rod	1	1300cc 1985 on
5	BT605161	Steady rod to gearbox bolt	1	
6	42H1199	Rod eye support	1	
7	DAM3670	Gearlever housing was 42H1194	1	
8	42H1214	Housing steady bush	1	
9	DAM2670	Long gearlever retainer pin was 22G2276	1	(Gearlever locating pin)
10	22G2277	Short gearlever retainer pin	1	
11	22G2792	Extension rod eye	1	
12	DAM8621	Gearlever housing base plate was 22G2355	1	
12	MSG11	Mini Spares 5 speed gearbox base plate	1	
13	22G2026	Floor to housing bracket	1	
14	BT606281	Bracket to housing bolt	1	
15	22G2205	Bracket to housing mountings	2	
16	GHF332	Washer	1	
17	GHF201	Nut	1	
18	22G1434	Gearlever retainer	1	
19	22A1932	Gearlever assembly	1	
20	22G2316	Gearlever knob (bakelite type)	NLA	Use DAM4440
20	DAM4440	Gearlever knob	1	
21	DAM6001	Gearlever knob 1986 on	1	
21	UKJ10005	Gearlever knob Mini 30, Studio 2, 1300cc	1	
22	CZH4278	Gearlever gaiter	1	
23	FJN10003	Retainer for gaiter, was CZH3002	1	
24	GEX7088	Exhaust bracket	1	
25	MSG12	Mini Spares 5th gear gate bias	1	Fits extension rod
26	GAE191	Reverse light switch	1	
27	22A1613	Locknut for switch	1	

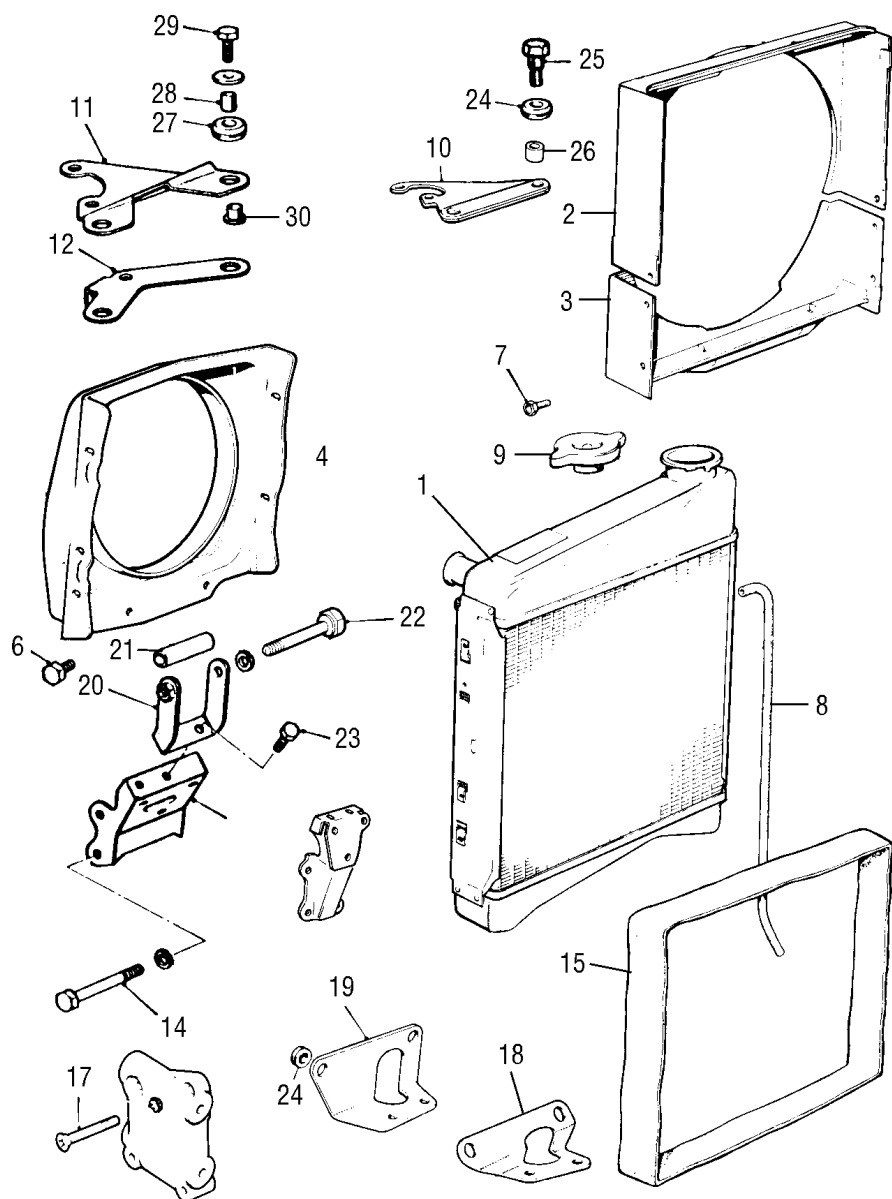
Water Pump, Pulleys and Ancillaries



WATER PUMP, PULLEYS AND ANCILLARIES

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	10M294	Water pump, small impellor protruding - 0.3125" 7.90mm	1	Small Bore motors
1	GWP134	Water pump, large impellor protruding - 0.625" 15.75mm	1	1275cc Motors
1	GWP154	Water pump, no by pass outlet, but as per GWP134	1	A plus 1300cc, Metro
2	88G618	Adaptor, cut to length required (now cast in pump)	1	
3	88G215	Water pump gasket	1	
4	HZS515	Bolt water pump to block long	2	Alternative TAM1180
5	SH605101	Bolt water pump to block short	2	Alternative TAM1178
6	GHF332	LWN305 washer	4	
7	12G2077	Dowel, water pump to block	2	
8	CAM6323	Crankshaft pulley was 2A940	1	
8	CAM6497	Crankshaft pulley, A plus	1	With timing shutter plate
9	CAM4929	Crankshaft vibration damper pulley	1	CWE use AHU1878
9	AHU1878	Crankshaft vibration damper pulley - A plus	1	With timing shutter plate
10	AEG454	Steel pulley	1	
11	12A367	Damper ring	1	
12	SH605051	Bolt	4	
13	LWZ305	Washer	4	
14	AEA312	Crankshaft pulley bolt 0.75" thread length with chamfer	1	For CAM6323/AEG454
14	12A283	Crankshaft pulley bolt 0.875" thread length	1	For CAM4929
14	TAM2019	Crankshaft pulley bolt 0.75" thread length	1	All A plus
15	12A398	Crankshaft pulley locktab 0.875" hole, except TAM2019	1	Up to TAM2019
15	TAM2020	Crankshaft pulley locktab 0.6875" hole	1	All A plus
16	CAM6239	Water pump pulley, was 2A601 (3.875" diameter)	1	To 1985 plus Turbo/Auto
16	CAM116	Water pump pulley 4.265" 1000cc with 940 head fitted	1	
16	CAM6408	Water pump pulley large (4.725" diameter)	1	1985 on
16	12A667	Water pump steel 4.57"	1	Cooper 'S' 1275cc
17	12A312	Distance piece fan to pulley	A/R	
18	12G2452	Distance spacer large	1	NLA
19	GHF101	Bolt was SH604041, fan blade to pump	4	
20	GHF331	Washer	4	
21	12G1305	Eleven blade narrow plastic fan, fins 1.100" wide at tip	1	1959-68 and 1991 on
21	12G2129	Eleven blade thick plastic fan, fins 1.500" wide at tip	1	Wide fins MK3 on
22	2A998	Six blade fan, metal	1	Hot climate
23	2A997	Single blade fan	2	Tuning part
24	CAM4126	Blanking plug cap	1	When required
25	GHC507	Clip, alternative clip 3H2963	1	When required
26	9.5x825	Fan Belt, Short	1	
26	9.5x838	Fan Belt, Medium	1	
26	9.5x850	Fan Belt, Long	1	
26	9.5x864	Fan Belt, X-Long	1	

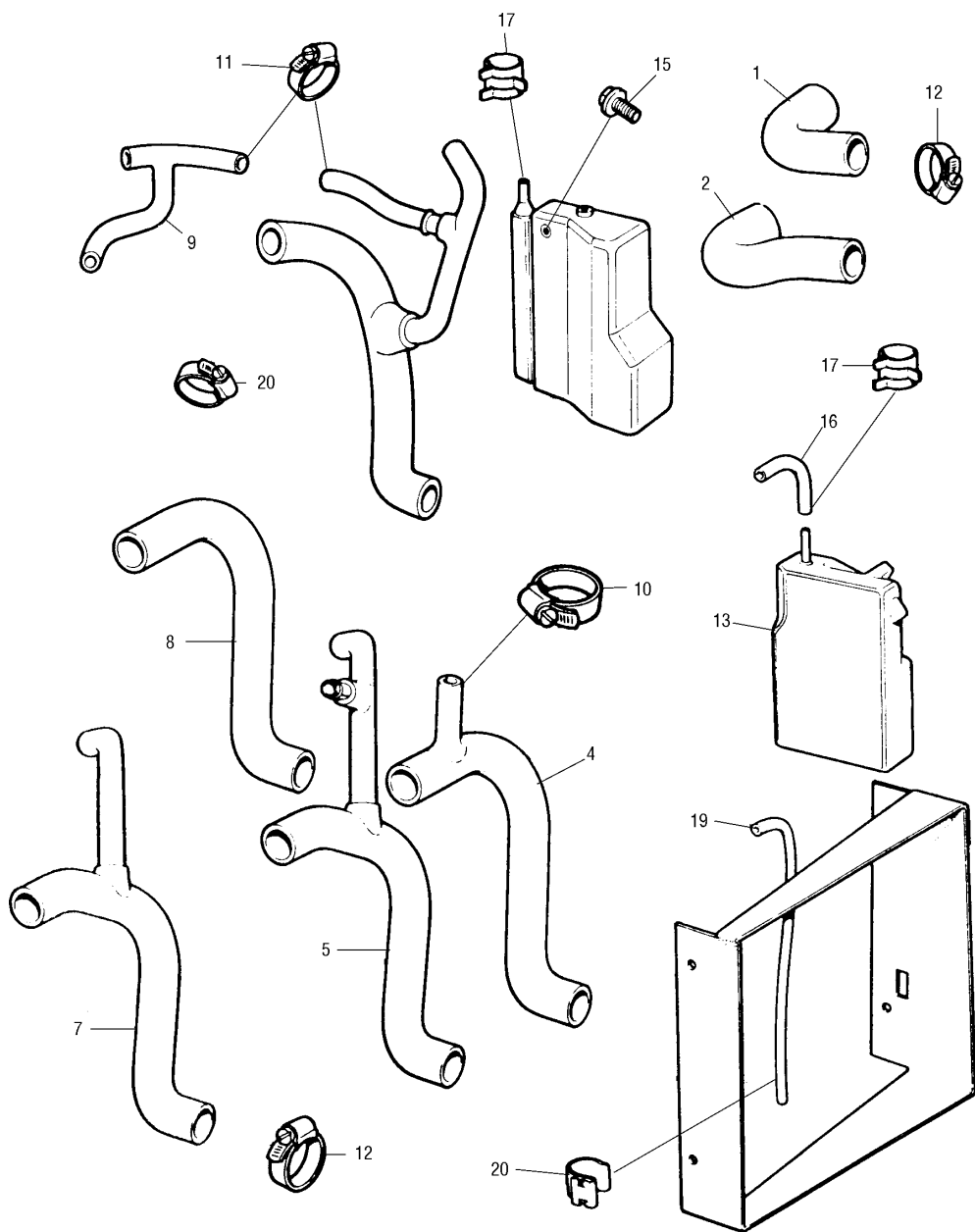
RADIATOR AND FITTINGS



RADIATOR AND FITTINGS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	ARP2000	Radiator (3 rows of cores)	1	
1	C-ARA4444	Radiator (4 rows of cores) for hot countries	1	Better cooling
1	PCC10358B	Late radiator with thermostat switch recess in base	1	12A G03/4 May 1992 on
1	PCC10339B	Late radiator with thermostat switch recess in base	1	T.B.I.
1	ERA1159	Radiator (with take off for ERA1160 auxiliary radiator)	1	ERA Turbo
2	ARA2768	Top cowl, NLA	1	
3	ARA2769	Bottom cowl, except Cooper, NLA	1	
3	ARA2770	Bottom cowl	1	Cooper, Cooper 'S' only
4	ARP1174	One piece cowl/wing was ARP1068	1	1974 on
5	14A7286	Inner wing cowl surround rubber when fitted	1	up to 1972/3
6	SH604031	Radiator to cowl screws	A/R	1974 on
7	ARA1117	Original PK screw on early radiators, pre 1974	A/R	Not for ARP2000
8	GRH1001M	Overflow pipe rubber	1	1 metre length only
9	GRC101	Radiator cap 7lb pressure	1	Long neck, standard
9	GRC102	Radiator cap 7lb pressure	1	Short neck
9	GRC105	Radiator cap 10lb pressure	1	Cooper
9	GRC110	Radiator cap 15lb pressure	1	All 1976 on
9	GRC111	Radiator cap 13lb pressure	1	All 'S' & Mini 1969-76
10	12A201	Top radiator bracket, CWE	1	850cc/998cc to 1974
10	12G617	Top radiator bracket	1	1275's
10	12G323	Top radiator bracket	1	970/1070cc
10	12G2453	Top radiator bracket, uses 11G227 grommet	1	1275GT
11	CAM4619	Top radiator bracket on one piece cowl	1	850/998cc, 1980 on
11	CAM4620	Top radiator bracket on one piece cowl	1	Clubman 998cc
11	CAM4621	Top radiator bracket on one piece cowl, use 12G2453	1	1275GT
11	CAM4622	Top radiator bracket on one piece cowl	1	Mini 998/Sweden Canada
12	PCU10135	Top radiator bracket, uses 11G227/CAM4414	1	New Coopers, 1300cc
12	ERA1186	Top radiator bracket	1	Turbo
13	12A361	Engine to radiator mounting bracket	1	Coopers and ARP1174 cowl
14	HBZ534	Long bolt for 12A361 bracket to gearbox	2	
15	22A30	Engine to radiator mounting bracket, up to 12A361	1	
16	12G1318	Adaptor plate	1	
17	12G1319	Screw, for adaptor plate	1	
18	12A293	Split cowl lower radiator bracket, when 12A361 fitted	1	CWE, Coopers
19	22A29	Split cowl lower radiator bracket, when 22A30 fitted	1	CWE, 850/998cc Mini
19	12G2458	Split cowl lower radiator bracket, when 22A30 fitted	1	Clubman 998cc
19	12G3641	Split cowl lower radiator bracket, when 12A361 fitted	1	Clubman 998/1275GT
20	12A2153	Single cowl lower radiator bracket, when 12A361	1	All 1974 on
21	ARP1073	Spacer for 12A2153 bracket	1	
22	12G4270	Bolt for cowl to bracket	1	
23	SH605051	ScREW to bracket	2	
24	11G227	Upper and lower radiator grommet on 2 piece cowl	2/4	Plus top 1990 on
25	11G228	Original shouldered bolt	2	
25	GHF120	Plain bolt to go with 12A1985 when required	2	
26	12A1985	Sleeve only required with GHF120 to replace 11G228	2	
27	CAM4414	Upper radiator bracket grommet with one piece cowl	2	1974 to 1990
28	CAM4415	Sleeve for CAM4415 grommet	2	1974 on
29	GHF117	Bolt when using CAM4415 sleeve	1	1974 on
30	CAM4618	Rubber locating bush	1	1974 to 1990

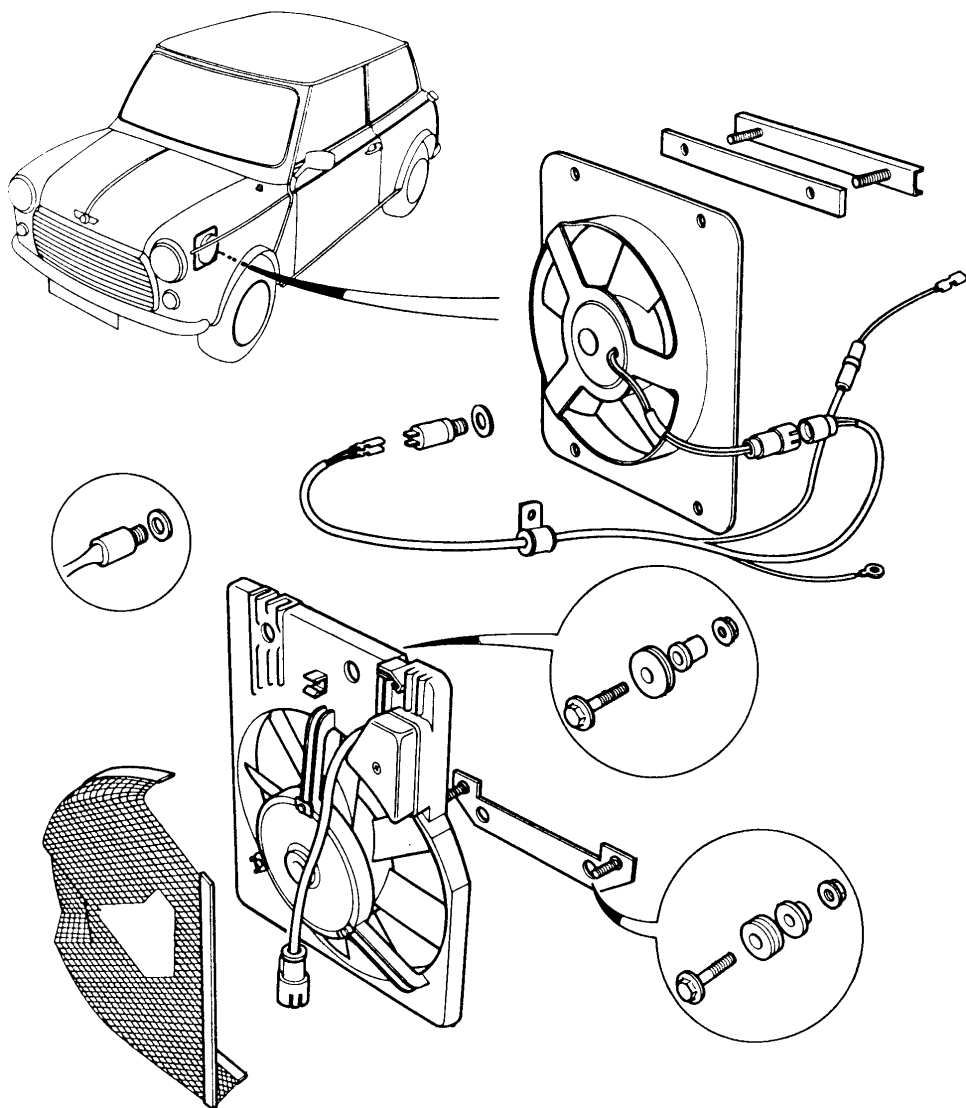
RADIATOR HOSES



RADIATOR HOSES

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	GRH244	Top hose 850,1000cc	1	To 1967 MKI
1	GRH467	Top hose	1	998cc Clubman
2	GRH469	Top hose	1	ERA Turbo/1275GT
2	GRH247	Top hose	1	Cooper 'S'
2	GRH1140	Top hose	1	New Coopers and 1300cc
2	GRH1212	Top hose fuel injected from	1	Fuel injection TBI
4	GRH201	Bottom hose, water pump to radiator	1	MKI to 1967
4	GRH240	Bottom hose	1	1968-1989 use GRH201
4	GRH468	Bottom hose	1	All Clubman/1275GT
5	GRH1139	Bottom hose, 1990 on	1	Cooper SE 1300cc
6	GRH1159	Bottom hose, 1990 on, G01 engine	1	HIF44 Cooper 1300cc
6	GRH1215	Bottom hose, V290000-046667	1	TBI
6	GRH1242	Bottom hose, 1992 on	1	TBI
7	GRH1289	Bottom hose, V044495 on	1	Single carburettor
7	GRH1220	Bottom hose, V504671 on	1	Sprite 1300cc 1982 on
8	GRH802	Bottom hose when no heater fitted	1	
9	GRH1216	Thermostat to heater, manifold	1	TBI Fuel injection
10	GHC507	Clip, heater outlet on hose	1	Up to 1990
11	GHC608	Clip, heater outlet on hose	1	1990 on
12	GHC913	Top and bottom hose clip	4	
13	PCF10060	Expansion tank, fits between radiator and bulkhead	1	Cooper 1300cc
14	PCF10097	Expansion tank, sits on L/H front shock absorber bracket	1	From 1992 on
15	FS1016141	Bolt for expansion tank PCF10097 overflow	1	
16	GRH1213	Expansion tank hose	1	Cooper 1300cc only
17	UKC3803	Clip for hose	A/R	
18	KRD10009	Stoneguard	1	
19	GRH1001M	Radiator overflow hose	1	Per metre
20	ARA951	Clip for overflow hose	1	

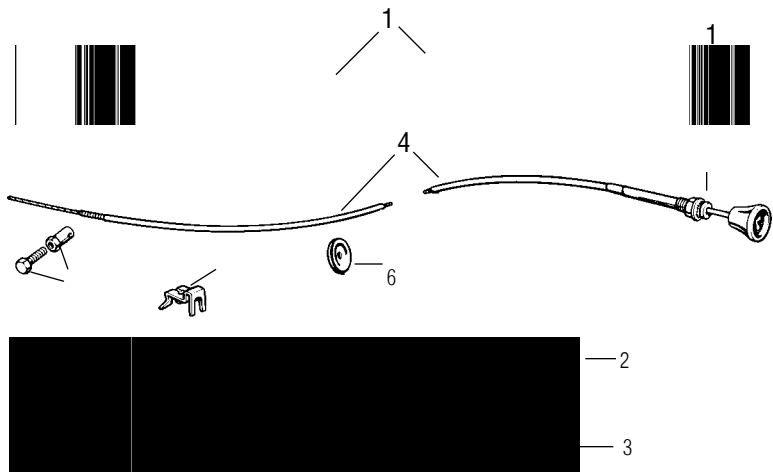
ELECTRIC FAN - 1990 ON



ELECTRIC FAN 1990 ON

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	PGF10038	Fan and cowl assembly	1	Cooper S.E.
2	PGU10006	Bracket	1	Cooper S.E.
3	PYF10039	Insulation rubber	1	Cooper S.E.
4	YWL10010	Thermostat switch with seal	1	Cooper S.E.
5	PYF10040	Seal for thermostatic switch	1	Cooper S.E.
6	YMV10069	Harness for fan	1	Cooper S.E.
7	YMV10046	Electric fan	1	Cooper 1300cc
8	PGL10008	Fan shield	1	Cooper 1300cc
9	YWL10009	Thermal switch	1	Cooper 1300cc
10	PYF10036	Washer for switch	1	Cooper 1300cc
11	PGU10007	Fixing bracket	1	Cooper 1300cc
12	11G227	Grommet	2	Cooper 1300cc
	PGG10058	Open fan and motor assembly, 1992 on	1	NOT SHOWN
	CDU1500	Thermostat switch in bottom of radiator	1	
	CDU2334	Seal for CDU1500 switch	1	
	KTP9002	Clip to hold thermostat switch	1	
	PVB10001	Grille mesh fitted to inner wing, when no electric fan	1	
	C-ARA4400	Kenlowe electric fan kit	1	
13	430-380	Electric Fan Kit, Made in USA	1	
	250-103	Bracket kit for 430-380, required when mounting to rad.	1	

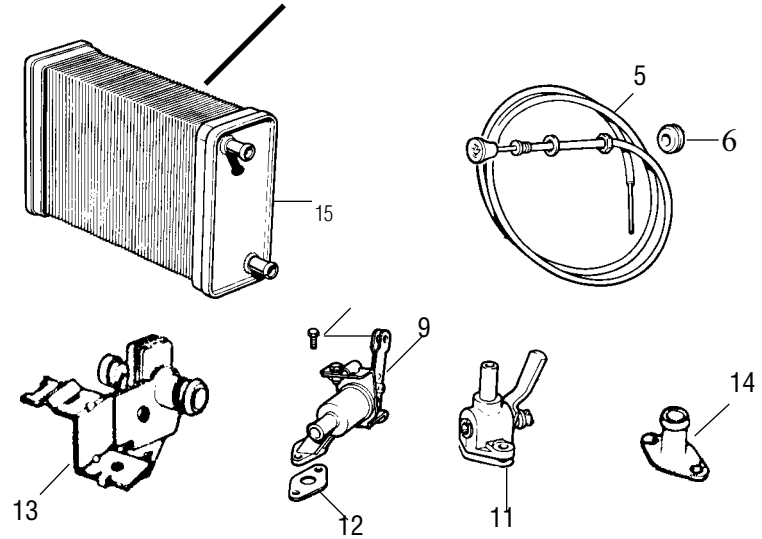
CONTROL CABLES, HEATER VALVES, ETC.



27H721

17H8608

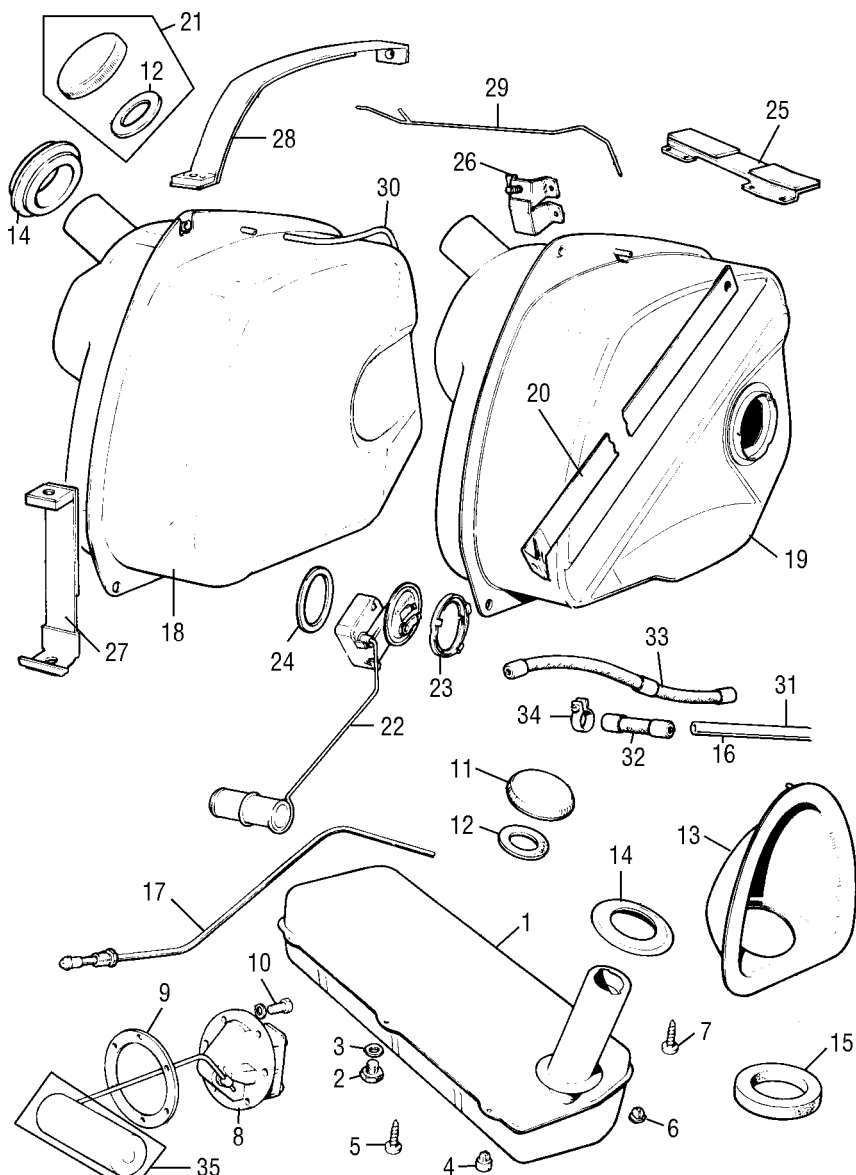
BAU5043



CONTROL CABLES, HEATER VALVES AND HEATER RADIATORS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	NAM7914	Accelerator cable	1	Use with HIF Carbs
1	MTC309	Accelerator cable, std	1	Long
1	C-AHT85	Accelerator cable long nylon sleeved internally	1	
1	SBB10187	Accelerator cable	1	TBI only
1	SBB10099	Accelerator cable Cooper, HIF44 and HIF38	1	
2	21A1202	Choke cable original Bakerlite type of knob	1	Single carb MKI/II
3	21A1204	Choke cable locking, original Bakerlite type of knob	1	Twin carb Cooper and 'S'
4	NAM6384	Choke cable, plastic knob, turn to lock	1	
4	SBF10027	Choke cable, 27" ratchet type locking	1	1987 on
4	SBF10031	Choke cable, 31" ratchet type locking	1	1300cc 1990 on
5	14A9988	Heater cable original Bakerlite type of knob	1	
5	24A2738	Heater cable plastic knob 29"	1	Mini
5	CHM373	Heater cable plastic knob 30"	1	Clubman or Mini
5	JFF10003	Heater cable with looped end, for latest valve	1	Non fixed valve
6	CAM5969	Cable grommet through bulkhead	A/R	
7	CZK6491	Clip, choke cable to carburettor bracket ("HIF" Only)	2	
8	AUE34	Choke locking screw/nipple	1	
9	ADU9102	Heater valve was 88G601	1	0.50" bore hose
10	53K1016	Heater valve cable screw	1	
11	12A479	Heater tap, brass with lever	1	Mini van
12	88G221	Heater valve/tap gasket	1	
13	JJB10007	Heater valve/non fixed 0.6250" bore hose	1	1990 on
14	12G2534	Heater hose take off on head 0.6250"	1	1990 on
15	17H8608	Heater radiator 0.5" outlet	1	MKI/II
15	37H7216	Heater radiator 0.5" outlet	1	MKIII to 1984
15	BAU5043	Heater radiator 0.625" outlet	1	1984 on

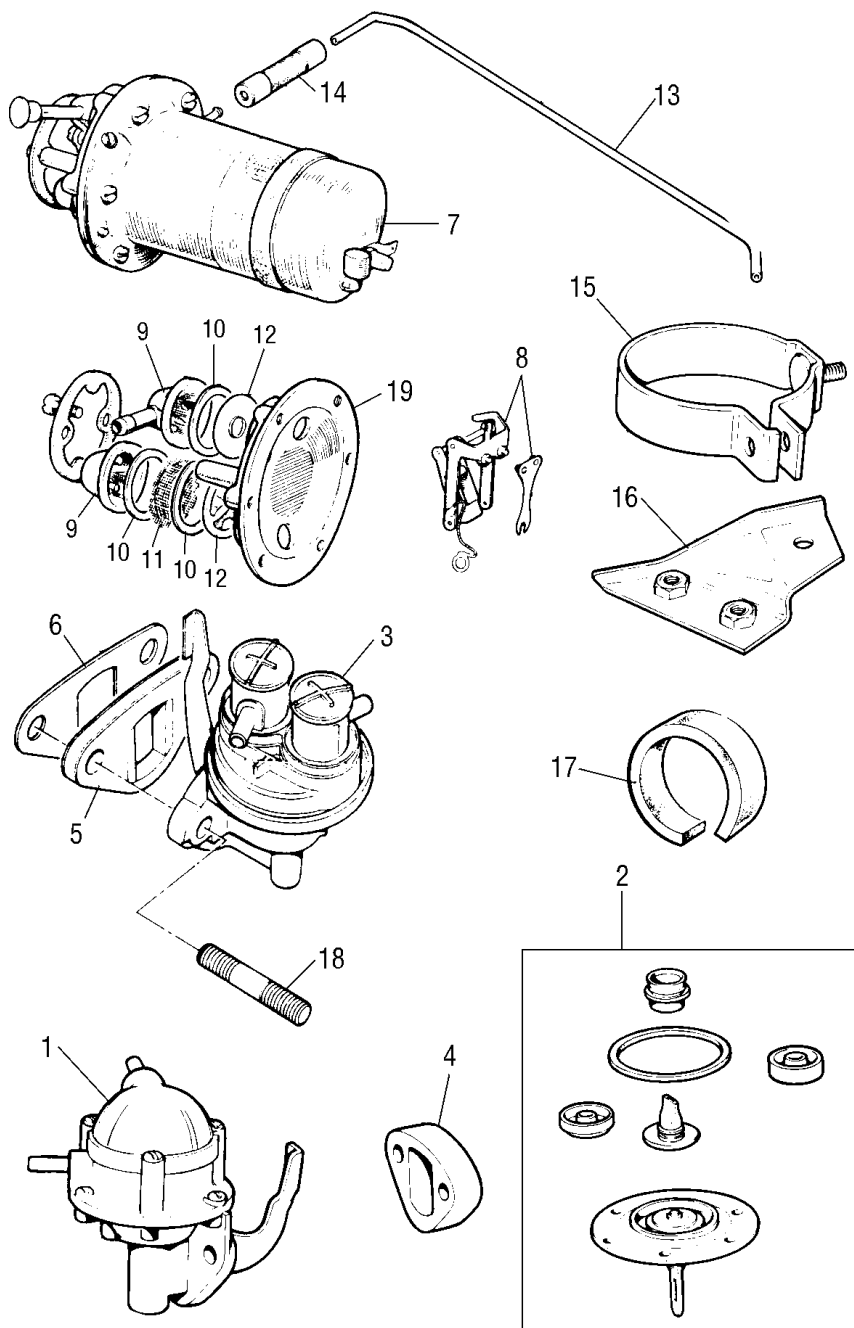
FUEL TANKS



FUEL TANKS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A291	Petrol tank	1	Estate/Van/Pickup
2	ARH672	Drain plug	1	
3	ARA967	Drain plug washer	1	
4	21A304	Large nylon securing nut, rear	3	
5	AB614101	Securing screw for 21A304	3	
6	21A305	Small nylon securing nut front	3	
7	AB614061	Securing screw for 21A305	3	
8	AAU8340	Petrol tank sender unit	1	Estate/Van/Pickup
9	2H1082B	Sender unit gasket	1	
10	53K165	Tank unit screw	6	
11	18G8601A	Petrol cap chrome/polished including seal	1	Vented
11	GSS212A	Vented petrol locking cap	1	Van and estate
11	88G482	Petrol cap, pre '63 wagon (when tank mounted inside)	1	Early Wagon
11	NAM3927	Black petrol cap vented	1	Also fits saloon
12	21A2109	Petrol cap seal	1	
13	14A8152	Fuel neck to body cowl	1	NLA
14	14A7057	Fuel neck seal	1	
15	2A2069	Sealing ring, neck to floor	1	
16	PP29	Petrol pipe, was 21A919 134" long (Van)	A/R	per foot
17	21A307	Tank to pump pipe with unions	1	
18	21A2183	Petrol tank, 5.5 gallon RH	1	Optional
	MS82	Mounting kit for RH tank	1	
19	ARP1043	Petrol tank 9 gallons capacity (standard filler neck) LH	1	Saloon
19	WFE10093	Petrol tank 7.5 gallon (restricted neck) LH	1	Lead free Cooper
19	WFE10420	Petrol tank 7.5 gallon (restricted neck) May 1992 on, LH	1	Catalyst 1300cc
20	21A2838	Diagonal retaining strap	1	
21	18G8602A	Petrol cap (non vented) w/rubber seal	1	Saloon
21	GZC1505	Petrol cap (non vented)	1	Saloon
21	GSS154A	Petrol locking cap (non vented) Chrome	1	Saloon
21	AFU3612	Petrol locking cap, black	1	Saloon
21	GZC1376	Petrol cap, MKII	1	Saloon
21	FAM7661	Petrol cap, black, Canadian	1	Saloon
21	WLD100310	Petrol cap, locking late Mini	1	
21	WLD100310/pr	Petrol caps, pair, locking late Mini	1pr	
22	AHU1029	Petrol sender unit	1	
23	ARA1501	Metal locking ring	1	
24	ARA1502	Locking rubber seal ring	1	
24	2H1082	Gasket, fuel sender, "cork" (for early models)	1	has six screw holes
25	21A1329	Location plate for 21A2183 R/H tank	1	
26	ALA7905	Anchor bracket, R/H tank	1	
27	2A2231	Lower strap short	1/2	
28	2A2226	Upper strap long	1/2	
29	21A2331	Joining pipe R/H to L/H tank	1	
30	BAU2171M	Plastic vent pipe	A/R	Per metre
31	PP29	Petrol metal pipe, Saloon 92"	A/R	Per foot
32	FAB101	2.6" Petro felx hose	A/R	
33	FAB102	6.75" Petro felx hose	A/R	
33	FAB103	7.5" Petro felx hose	A/R	
33	FAB104	10" Petro felx hose	A/R	
33	FAB106	14.25" Petro felx hose	A/R	
33	FAB107	22" Petro felxhose	A/R	
34	ACH5854	Clip for Smiths type hose	A/R	

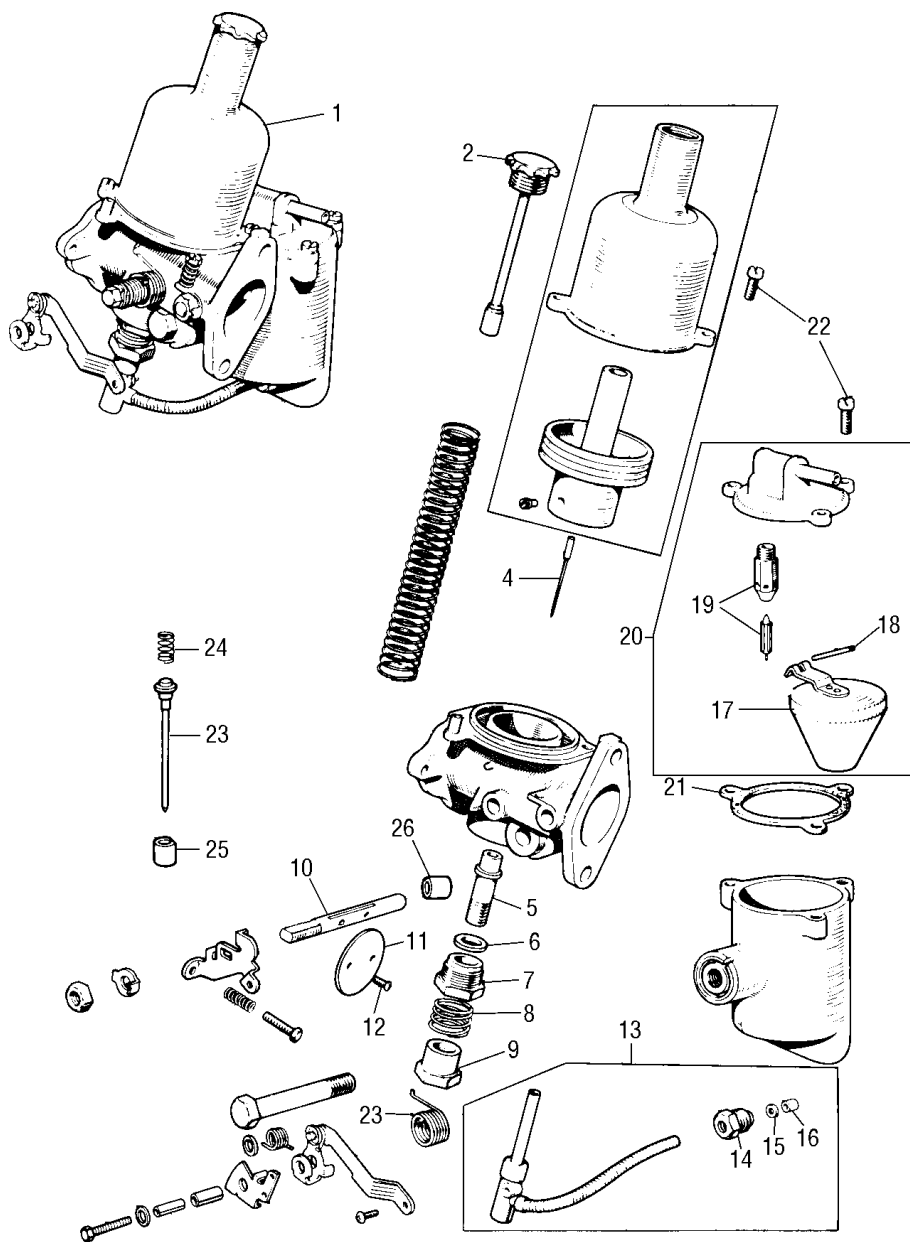
FUEL Pumps and Fuel Pipes



FUEL PUMPS AND PETROL PIPE

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	AUF705	Mechanical fuel pump	1	NLA
2	AUE555	Repair kit for AUF705	1	CWE
3	AUF812MS	Mechanical fuel pump	1	Reproduction
3	AUF812	Mechanical fuel pump	1	
3	WND10005	Mechanical fuel pump	1	Catalyst 1990 on
4	AUB5012	Gasket and distance piece	1	For AUF705
5	12G4520B	Gasket and distance piece	1	For AUF812 & MS
6	CAM6657	Gasket all mechanical pump	2	
7	AUF214	Electric fuel pump	1	
7	AUF214MS	Electric fuel pump, reproduction	1	
8	AUB6106	Contact set, dual type	1	
	AUA6020	Contact set, single	1	
9	AUB663	Banjo	2	
10	AUB676	Sealing ring	A/R	
11	AUB617	Filter	1	
12	AUB6062	Inlet and outlet valve	2	
13	PP29	Metal petrol pipe (per foot)	A/R	
14	FAB101	2.6" Petro felx hose	A/R	
14	FAB102	6.75" Petro felx hose	A/R	
14	FAB103	7.5" Petro felx hose	A/R	
14	FAB104	10" Petro felx hose	A/R	
14	FAB106	14.25" Petro felx hose	A/R	
14	FAB107	22" Petro felxhose	A/R	
15	21A632	Clamp for fuel pump	1	
16	21A750	Pump to clip bracket	1	CWE
17	ACB9252	Packing strap	1	CWE
18	CHS2515	Stud for mechanical pump	2	
19	WZX1710	Diaphram	1	
	21A750/K	Stock mounting kit includes 15, 16 & 17	1	

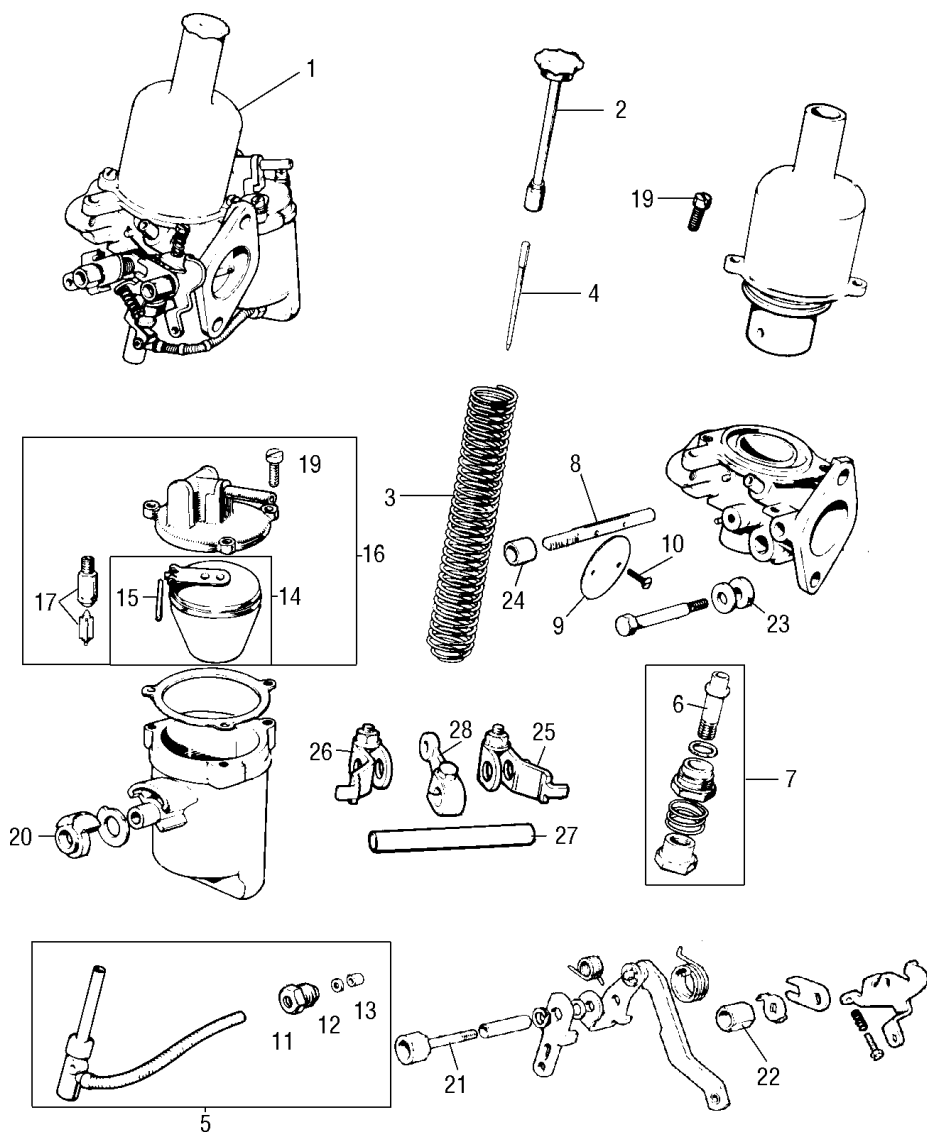
CARBURETTORS HS2



CARBURETTORS HS2

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	HS2	Carburetors, 1.250" bore	1	
2	AUC8103	Dashpot damper	1	
2	AUC8103HB	Original brass type dashpot damper	1	
3	AUC4587	Dashpot spring, blue, 2.5oz	1	Optional
3	AUC4387	Dashpot spring, red, 4.5oz	1	Standard fitment
4	AUD1261	Fuel needle rich (M)	1	
4	AUD1149	Fuel needle standard (EB)	1	850cc
4	AUD1227	Fixed needle standard (GX)	1	998cc
4	AUD1211	Fixed needle weak (GG)	1	
5	AUC8460	Fixed needle jet use WZX1341 kit, includes 5, 6, 7, 8, 9	1	
5	AUD3414	Swinging needle jet use WZX1442 kit, inc 5, 6, 7, 8, 9	1	
6	AUC8478	Jet bearing washer	1	
7	AUC2002	Jet locking screw	1	
8	AUC2114	Jet locking spring	1	
9	AUC8461	Jet adjusting screw	1	
10	AUC8469	Spindle	1	
11	WZX1320	Butterfly with screws	1	
12	RTC5965	Butterfly screw, was AUC1358	2	
13	AUD9098A	Jet assembly	1	
14	AUD2129	Nut	1	∨ Part of jet assembly
15	AUD2193	Washer	1	↔
16	AUD2194	Rubber seal	1	
17	WZX1300	Float with pin, was AUD9904	1	
18	AUC1152	Float pin	1	Fixed needle
19	WZX1100A	Needle valve kit	1	
19	CA90	Flo jet to replace WZX1100/1A	1	
20	AUE266	Lid with float and needle valve	1	
21	AUC8459	Float gasket	1	
22	JZX1394	Float lid scw	3	
23	CUD1019	Swinging needle (AAV)	1	
24	AUD3306	Swinging needle spring	1	
25	AUD4288	Swinging needle guide	1	
26	AUD3079	Spindle repair bushes .250" I/D ream body to 8.00mm	2	
	WZX1851	Service kit, needle valve jet and gaskets	1	NOT SHOWN
	CRK104	Repair kit, as WZX1851 plus butterfly and spindle	1	NOT SHOWN

CARBURETTORS HS2 TWIN



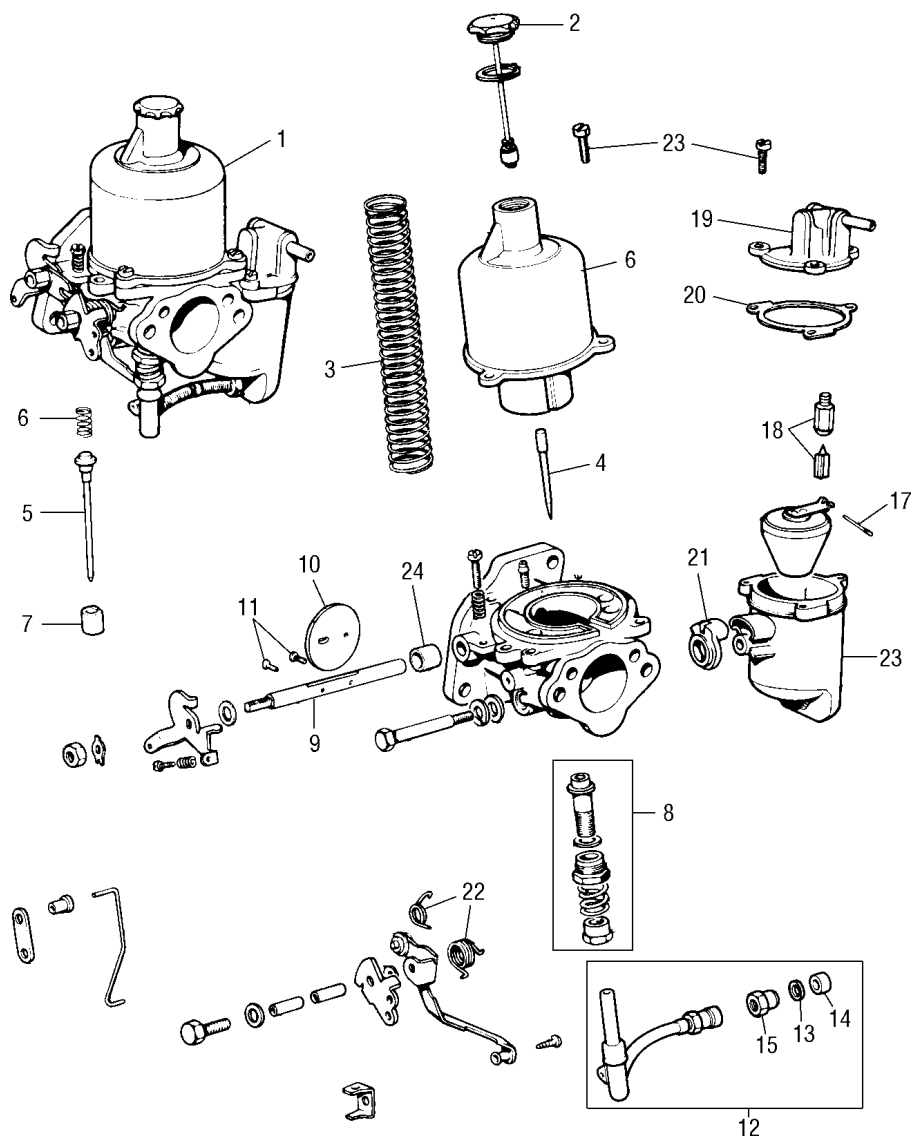
CARBURETTOR HS2 TWIN

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	AUD104	Pair of carbs fixed needle	1 pr	NLA
1	AUD662	Pair of HS2 carburettor 1.250" swinging needle	1 pr	AAZ needles
2	AUC8103	Dashpot damper	2	
3	AUC4587	Dashpot spring blue, 2.5oz	2	Optional
3	AUC4387	Dashpot spring red, 4.5oz	2	Standard
4	AUD1059	Needle rich (AH2)	2	1275cc
4	AUD1261	Needle standard (M)	2	1275cc
4	AUD1149	Needle weak (EB)	2	1275cc
5	AUD9141A	Jet assembly, LH (front)	1	Green band
5	AUD9142A	Jet assembly, RH (rear)	1	Pink band
6	AUC8460	Fixed needle jet bearing, use WZX1341	2	Part of WZX1341
7	WZX1341	Fixed needle jet bearing kit	2	
7	WZX1442	Swinging needle jet bearing kit, was WZX1342	2	
8	AUC8469	Spindle	2	WZX1310 kit
9	WZX1320	Butterfly disc with screws	2	
10	RTC5965	Butterfly screw	4	
11	AUD2129	Nut	2	∨ Supplied with
12	AUD2193	Washer	2	↔ jet assembly
13	AUD2194	Seal	2	
14	WZX1300	Float and pin kit	2	
15	AUC1152	Float pin	2	
16	AUE266	Float and lid and needle valve assembly	1	R/H (rear)
16	AUE269	Float and lid and needle valve assembly	1	L/H (front)
17	WZX1100A	Needle valve	2	
17	CA90	Flojet to replace WZX1100/1	2	
18	AUC8459	Float gasket	2	
19	JZX1394	Float and dashpot screw	6	
20	AUC1366	Body to bowl grommet	1	R/H (rear)
20	AUC1316	Body to bowl grommet	1	L/H (front)
21	AUC1426	Pivot bolt	2	
22	AUC1424	Pivot nut	2	
23	AUC1318	Rubber washer	2	
24	AUD3079	Spindle repair bush .250" ID ream body to 8mm	4	
25	AUE586	Lever assembly R/H	2	
26	AUE587	Lever assembly L/H	2	
27	AUC1457	Connecting rod 2.200"	1	
28	AUC1501	Lever, alternative to AUE180	1	
	WZX1859	Twin carburettor service kit	1	
	CRK101	Twin carb repair kit with spindles, bushes, butterflies	1	
	FZX3052	Twin carb set complete less air cleaner assembly	1	
	FZX3053	Twin carb set complete with air cleaner assembly	1	

Twin carburettor identification of right hand or rear denotes the carburettor farthest away from the water pump end of engine.

Therefore, front or left hand is the closest to the water pump or spark plug number one.

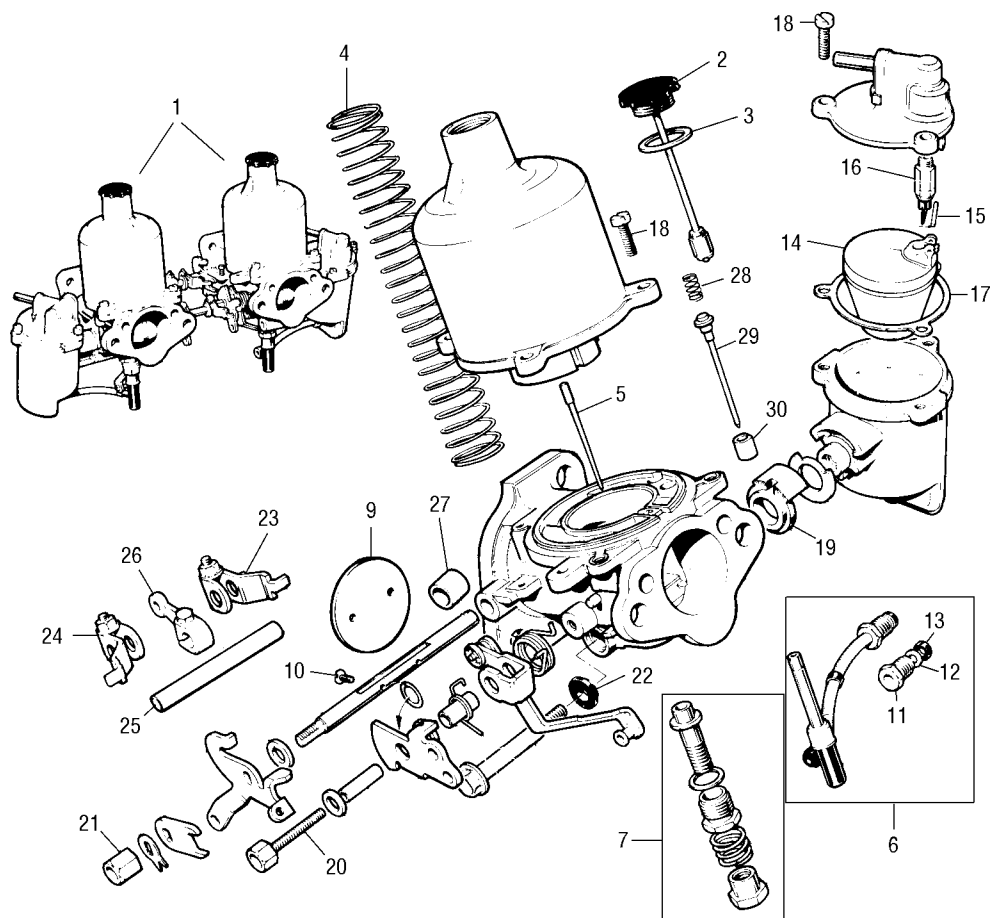
CARBURETTORS HS4



CARBURETTOR HS4

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	AUD3913	HS4 Single carburettor 1.5" fixed needle	1	NLA
1	HS4	HS4 Single carburettor 1.5" swinging needle	1	
2	AUC8103	Dashpot damper	1	
3	AUC4387	Dashpot spring red, 4.5oz	1	
4	AUD1267	Fixed needle rich (MI)	1	998cc auto
4	AUD1034	Fixed needle standard (AC)	1	998cc auto
4	AUD1076	Fixed needle rich (BQ)	1	1275cc
4	AUD1528	Fixed needle standard (DZ)	1	1275cc
5	CUD1015	Swinging needle (AAR) AUD453 (Carb no. AUD453)	1	1275cc
5	CUD1025	Swinging needle (ABB) FZX1047/AUD567	1	1275cc Europe
5	CUD1037	Swinging needle (ABP) AUD608	1	1098cc
5	CUD1040	Swinging needle (ABS) AUD611	1	848cc
5	CUD1045	Swinging needle (ABX) AUD679	1	998cc
5	CUD1006	Swinging needle (AAG) AUD540/AUD548	1	998cc Europe
5	NZX4005	Swinging needle (ADE) FZX1064/FZX1146	1	998cc Europe
5	NZX4006	Swinging needle (ADF) FZX1094	1	998cc
5	NZX4008	Swinging needle (ADH) FZX1142/FZX1064	1	850cc wax stat
5	CUD1002	Swinging needle (AAC) FZX1415	1	998cc wax stat
6	AUD3306	Swinging needle spring	1	
7	AUD4288	Swinging needle guide	1	
8	WZX1341	Fixed needle jet bearing kit	1	
8	WZX1442	Jet bearing kit, □ was WZX1340 (swinging needle)	1	
9	WZX1177	Throttle spindle	1	
10	WZX1323	Butterfly disc, with screws	1	
10	WZX1325	Butterfly disc with air valve type, with screws	1	
11	RTC5965	Butterfly screw	2	
12	AUD9451A	Jet (red plastic) black identification band	1	
12	LZX1111A	Wax stat jet (blue identification band, metal base)	1	✓ 1980 on
13	AUD2193	Washer	1	⇔ supplied
14	AUD2194	Rubber seal	1	with jet
15	AUD2129	Nut	1	
16	WZX1300	Float and pin kit	1	
17	AUC1152	Float pin	1	
18	WZX1100A	Needle valve kit	1	
18	CA90	Flojet to replace WZX1100A valve kit	1	
19	AUE266	Lid assembly with float and needle valve	1	
20	AUC8459	Float gasket	1	
21	AUD2071	Adaptor piece die cast solid not rubber	1	
22	WZX1335	Return spring kit	1	
23	JZX1394	Dashpot and floatlid screw	6	
24	AUD3080	Spindle repair bush .3125" I/D ream body to 9.5mm	2	
	WZX1852	Carburettor service kit		
	CRK227	Repair kit inc. throttle spindle/bushes and WZX1325 disc		
	CRK219	Repair kit inc. throttle spindle/bushes and WZX1323 disc		

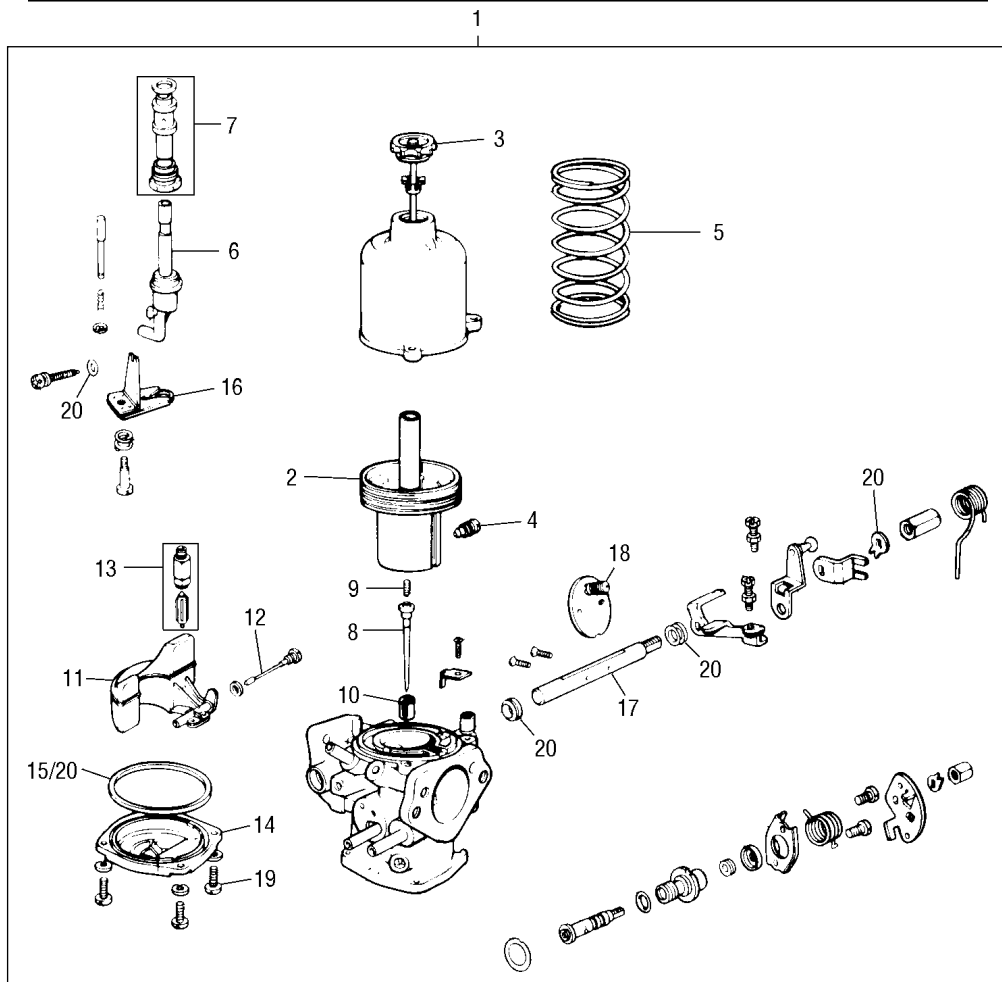
CARBURETTORS HS4 TWIN



TWIN HS4 CARBURETTOR

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	C-AUD640	Pair of carburettors, swinging needle AAU only	1	Special Tuning
2	AUC8114	Dashpot damper	2	
3	AUC4900	Dashpot damper seal, when required	2	
4	AUC4587	Dashpot spring blue, 2.5oz	2	
4	AUC4387	Dashpot spring red, 4.5oz	2	
5	AUD1006	Fixed needle number 7	2	
6	AUD9102	Jet assembly R/H (0.09") longer pipe	1	Black band
6	AUD9098A	Jet assembly L/H (0.09") longer pipe	1	White band
6	AUD9141A	Jet assembly L/H (0.09") alternative set to AUD9098	1	Green band
6	AUD9142A	Jet assembly R/H (0.09") alternative set to AUD9102	1	Pink band
7	WZX1341	Jet bearing assembly fixed needle	2	
7	WZX1442	Jet bearing assembly swinging needle	2	
8	WZX1177	Spindle	2	
9	WZX1323	Butterfly disc with screws	2	
9	WZX1325	Butterfly disc with air valve plus screws	2	
10	RTC5965	Butterfly screw	4	
11	AUD2129	Nut	2	∇
12	AUD2193	Washer	2	↔
13	AUD2194	Rubber seal	2	Supplied with jet assembly
14	WZX1300	Float and pin	2	
15	AUC1152	Pin	2	
16	WZX1100A	Needle valve	2	
16	CA90	Flojet to replace WZX1100/1101	2	
17	AUC8459	Float gasket	2	
18	JZX1394	Float and dashpot gasket screw	12	
19	AUC1366	Grommet, rubber R/H fixed needle	1	With AUD9102
19	AUC1316	Grommet, rubber L/H fixed needle	1	With AUD9098
19	AUD2676	Grommet, rubber R/H 20° angle	1	When using AUD9142
19	AUD2677	Grommet, rubber L/H 20° angle	1	When using AUD9141
20	AUC1426	Pivot bolt	2	
21	AUC1424	Pivot nut	2	
22	AUC1318	Float chamber bolt seal	2	
23	AUE586	Lever assembly R/H	2	
24	AUE587	Lever assembly L/H	2	
25	AUC1457	Connecting rod 2.200"	2	
26	AUC1501	Lever alternative to AUE180	1	
27	AUD3080	Spindle repair bush .3125" I/D, ream body to 9.5mm	2	
28	AUD3306	Spring for swinging needle	2	
29	CUD1018	Swinging needle AAU	2	
30	AUD4288	Swinging needle guide	2	
	WZX1859	Twin carburettor service kit, jet needle valve gaskets	1	
	CRK101	Twin carb repair kit with spindle, bushes, butterflies	1	

CARBURETTORS HIF38 & HIF44(HIF6)



HIF44(HIF6) HIGH PERFORMANCE NEEDLE CHART

Approximate camshaft duration in degrees	Needle part #	Needle Number
256 Degrees	NZX8011	"BDL"
266 Degrees	NZX8010	"BDK"
276/286 Degrees	CUD1126	"BBC"
296 Degrees		"BBC" modified

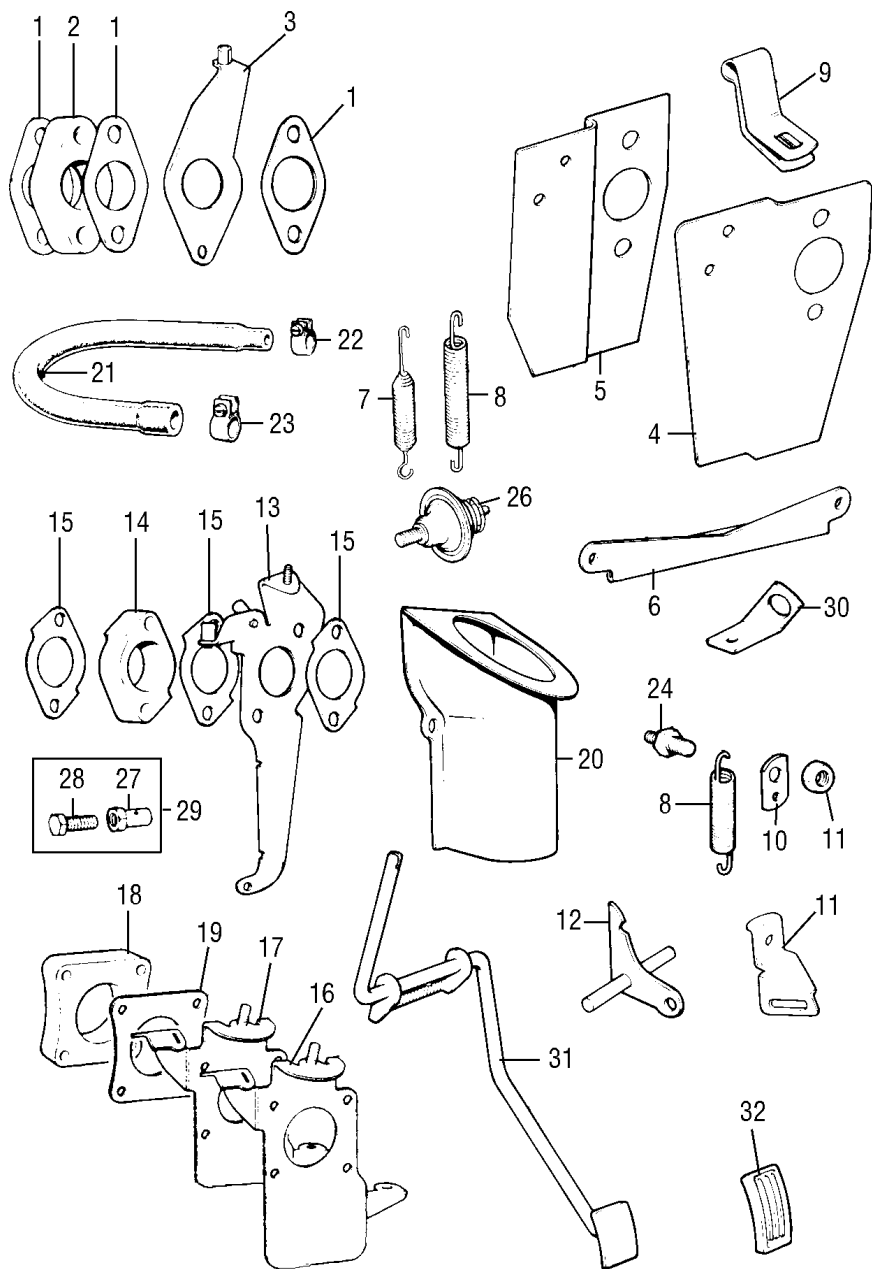
HIF38 CARBURETTOR 38mm 1.5"

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	MAC10031	Carburettor assembly (use FXZ3004)	1	
2	LZX1523	Suction chamber and piston assembly	1	
3	LZX1511	Dashpot damper	1	
4	AUD4251	Jet needle screw	1	
5	AUD4355	Dashpot spring (red) 4.5oz	1	Standard Optional
5	AUD4398	Dashpot spring (yellow) 8oz	1	
6	MGM10008	Jet assembly kit, was WZX1455A, (0.090" jet)	1	
7	WZX1441	Bearing and needle jet kit	1	
8	NZX3036	Needle AEM (standard) 1300cc	1	
9	AUD3306	Spring for needle	1	
10	JZX1039	Needle guide	1	
11	WZX1509A	Float kit assembly	1	
12	CUD2082	Float spindle	1	
13	WZX1099A	Needle valve and seat	1	
14	JZX1005	Float lid	1	
15	AUD3588	Float lid seal	1	
16	CUD2399	Bi metal strip (also in WZX1257 kit)	1	
17	WZX1126	Throttle spindle kit	1	
18	WZX1387	Throttle disc kit	1	
19	AUD3590	Float lid screw	4	
20	WZX1505	Gasket pack with spindle seals	1	
	CZK78	Service repair kit	1	

HIF44 CARBURETTOR 44mm 1.75"

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	FZX1280	Carburettor assembly (FZX3005)	1	
1	FZX1531	Original carburettor	1	
2	LZX1521	Suction chamber and piston assembly	1	
3	LZX2085	Dashpot damper	1	
4	AUD4252	Jet needle screw	1	
5	AUD4355	Dashpot spring (red) 4.5oz	1	Standard Optional
5	AUD4398	Dashpot spring (yellow) 8oz	1	
6	WZX1453A	Jet assembly kit was GSU402, 0.100"	1	
7	WZX1441	Bearing and needle jet kit	1	
8	NZX8071	Jet needle BFY	1	Unleaded
8	NZX8040	Needle lean B.E.R	1	
9	AUD3306	Spring for needle	1	
10	JZX1039	Needle guide	1	
11	WZX1509A	Float kit assembly	1	
12	CUD2082	Float spindle	1	
13	WZX1099A	Needle valve and seat	1	
14	JZX1005	Float lid	1	
15	AUD3588	Float lid seal	1	
16	CUD2399	Bi metal strip (also in kit WZX1257)	1	
17	WZX1127	Throttle spindle kit, threaded one end only	1	Most applications
17	WZX1128	Throttle spindle kit, threaded both ends	1	
18	WZX1183	Throttle disc kit	1	
19	AUD3590	Float lid screw	4	
20	WZX1505	Gasket and seal pack with spindle seals	1	
	CSK75	Service repair kit	1	

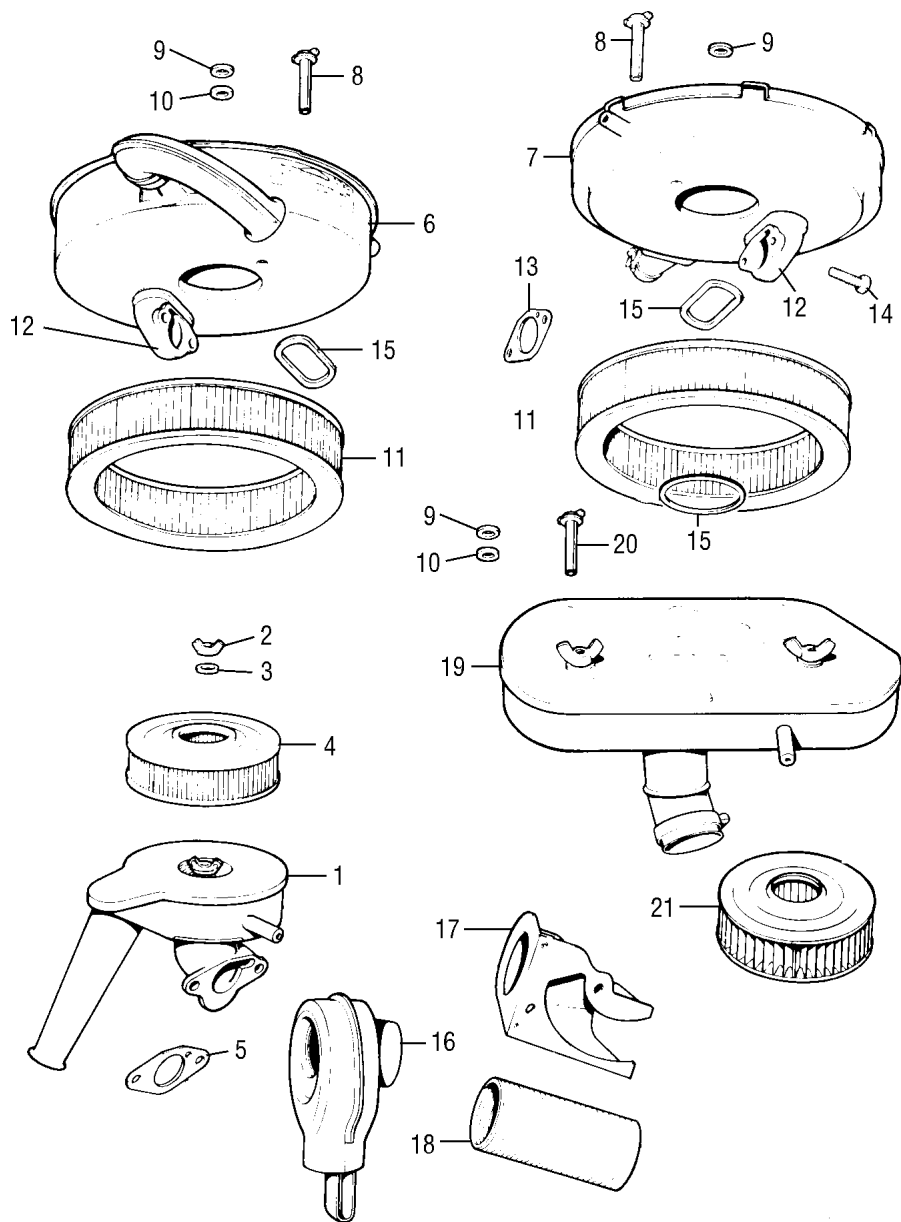
CARBURETTORS FIXINGS & THROTTLE PEDALS



CARBURETTOR FIXINGS, THROTTLE PEDAL AND ABUTMENT BRACKETS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	1G2624	Carburettor gasket, for HS2	A/R	
2	1G2623	Spacer for HS2, replaces 12A6 alloy type	A/R	210"
2	MFA132	HS2 Plastic spacer with vacuum take off	1	.295"
3	12A48	Throttle abutment plate, HS2 single	1	
4	AEG352	Heat shield for HS2 twin, left (radiator side)	1	Part of MSSK8
5	12A248	Heat shield for HS2 twin, right (clutch side)	1	Part of MSSK8
6	12A621	Heat shield bridge piece	1	Part of MSSK8
7	AEC2075	Return spring for HS2 twins only	3	Part of MSSK8
	MSSK8	Black powder-coated heat shield kit	1	
8	1E5537	Return spring, throttle lever, alternative to 21A839	1	Every Mini
9	12A263	Clip for petrol pipe to heat shield	1	
10	12A4	Anchor tag for spring on carburettor	1	
11	AEG349	Throttle bracket on manifold for HS2 twin	1	
12	12A310	Throttle lever and spindle (original)	1	Use AUC1501/AUC1457
13	12G766	Abutment bracket for HS4	1	
14	12H1389	Alloy spacer for HS4	1	.535"
14	MFA338	Plastic spacer for HS4 with vacuum take off	1	.295"
15	AEC2083	Gasket for HS4	A/R	
16	CAM4942	Abutment bracket for HIF38/HIF44	1	
17	TAM1401	Abutment bracket for HIF44	1	Turbo
18	12H1477	Alloy spacer for HS6 .525" thick	1	
18	TAM1068	Plastic spacer for HIF44 carbs 0.265" thick	1	Has gaskets fitted
18	MAX10001	Plastic spacer for HIF44 carbs 0.432" thick	1	Has gaskets fitted
18	MAX10002	Plastic spacer HIF38 carbs 0.435" thick	1	Has gaskets fitted
19	88G429	Gasket for HIF and HS6	A/R	
19	MFA446	HS6/HIF plastic spacer with vacuum take off 0.2500" thick	1	
20	12G3213	Warm air duct	1	
21	12A1735	Emmission breather hose, carburettor to oil separator	1	
22	ACH5854	Clip, hose to carburettor	1	
23	GHC507	Clip, hose to oil separator	1	
24	ACC5062	Throttle lever pin	1	
25	GHF200	Nut for ACC5062	1	
26	13H3486	Damper for throttle	1	NLA
27	AUC5046	Trunnion, alternative to ACH9042	1	
28	AUC5047	Screw, alternative to 53K3503	1	
29	AUE34	Complete trunnion and screw	1	
30	12A5	Anchor tab for spring on exhaust clamp	1	
31	88G346	R/H/D pedal	1	NLA
31	NAM3108	Accelerator pedal R/H/D	1	1976 on
31	NAM3107	Accelerator pedal L/H/D	1	1976 on
32	GPR105	Accelerator pedal rubber	1	Pre 1976
32	GPR104	Accelerator pedal rubber	1	1976 on

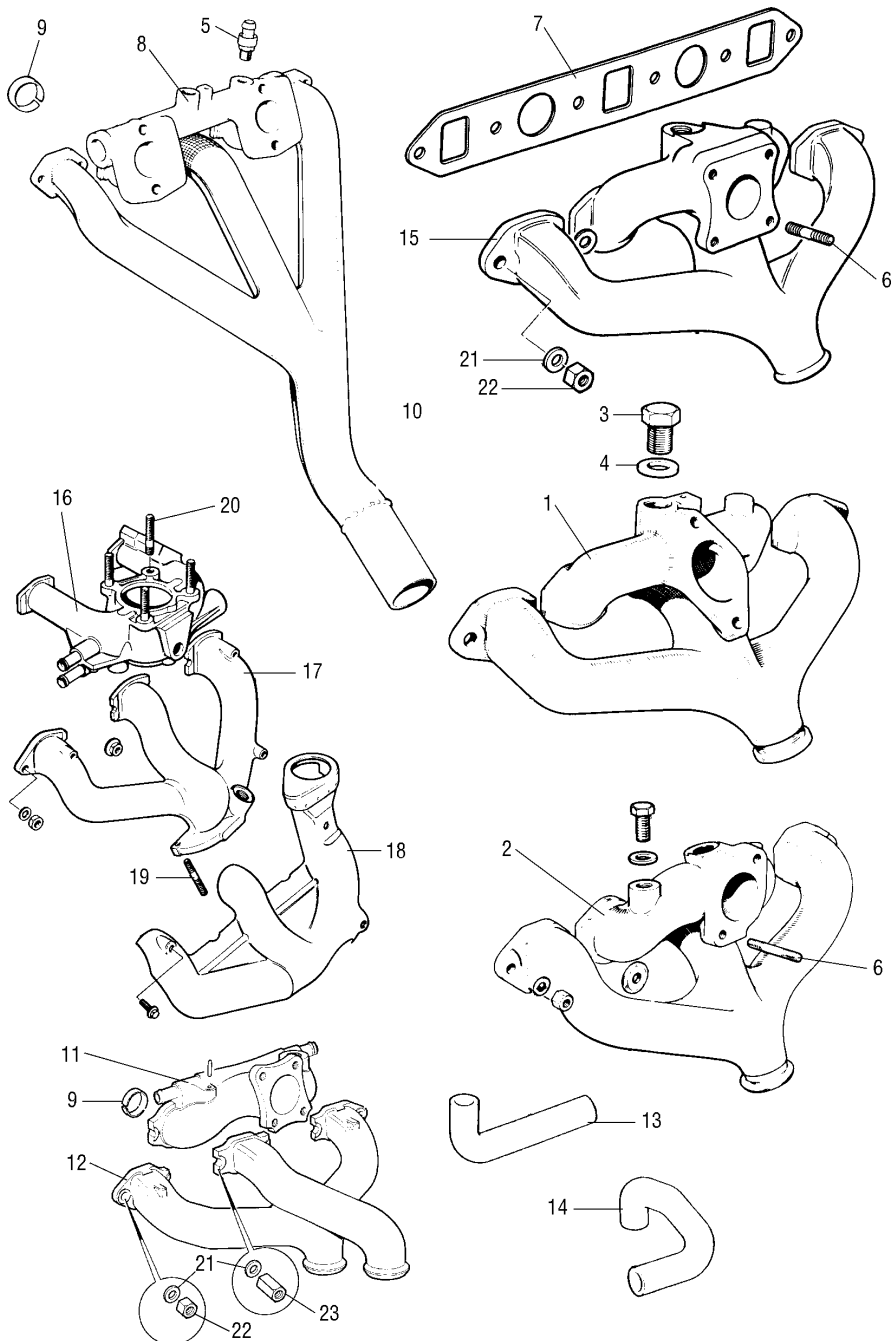
AIR FILTERS



AIR CLEANER

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	12A2007	Air cleaner assembly for single HS2 carburettor	1	NLA
2	53K2852	Air cleaner wing nut for 12A2007	1	
3	ACH5980	Fibre washer	1	CWE
4	GFE1002	Air filter element	1	
4	E9001	K & N filter replacement	1	
5	12H862	Elbow to carburettor gasket	1	
6	12G4298	Air cleaner for HS4 carburettor	1	
7	TAM2138	Air cleaner for HS4 when servo fitted	1	1989 on
8	12G1811	Wing nut bolt for 12G4298	2	
9	12A1436	Steel washer	2	
10	12A1437	Fibre washer	2	
11	GFE1008	Air filter element, original	1	
11	E260	K & N filter element replacement, alternative E2601	1	
12	12G1812	Carburettor to filter elbow, HS4	1	
12	CAM4694	Carburettor to filter elbow, HIF44	1	
13	12G2125	Elbow to carburettor gasket HS4	1	
13	12H4271	Elbow to carburettor gasket HIF44	1	
14	SY505071	Elbow to carburettor bolt, HS2/4 HIF6	2	
15	12A1433	Elbow to filter seal, HS2 and HS4 HIF, HS2/HS4 and HIF	A/R	
16	12G3210	Air temperature control	1	
17	12G3213	Warm air duct	1	Upto 1989
17	TAM2149	Warm air duct when servo fitted	1	1989 on
18	12H4344	Connecting hose	1	Cut to length
19	12G2294	Air cleaner assembly for HS2 twin set up	1	NLA
19	JAC311	Alternative non genuine air cleaner assembly	1	For HS2 twins
20	12G2705	Wing nut bolt for 12G2294	2	
21	GFE1038	Air filter element (alternative B19)	2	
21	E9001	K & N filter element replacement	2	
	ERA1102	Air cleaner assembly for ERA Turbo	1	
	ERA1103	Air filter element	1	
	PHB10092	Air cleaner assembly for new Cooper and 1300cc	1	1990 on
	CAM6037	Air cleaner for 1300cc with catalyst	1	
	GFE1096	Air filter element for PHB100092 and CAM6037	1	Cooper and SE
	PHB10081	Air cleaner assembly for injection	1	
	GFE1143	Air filter element for PHB10081	1	

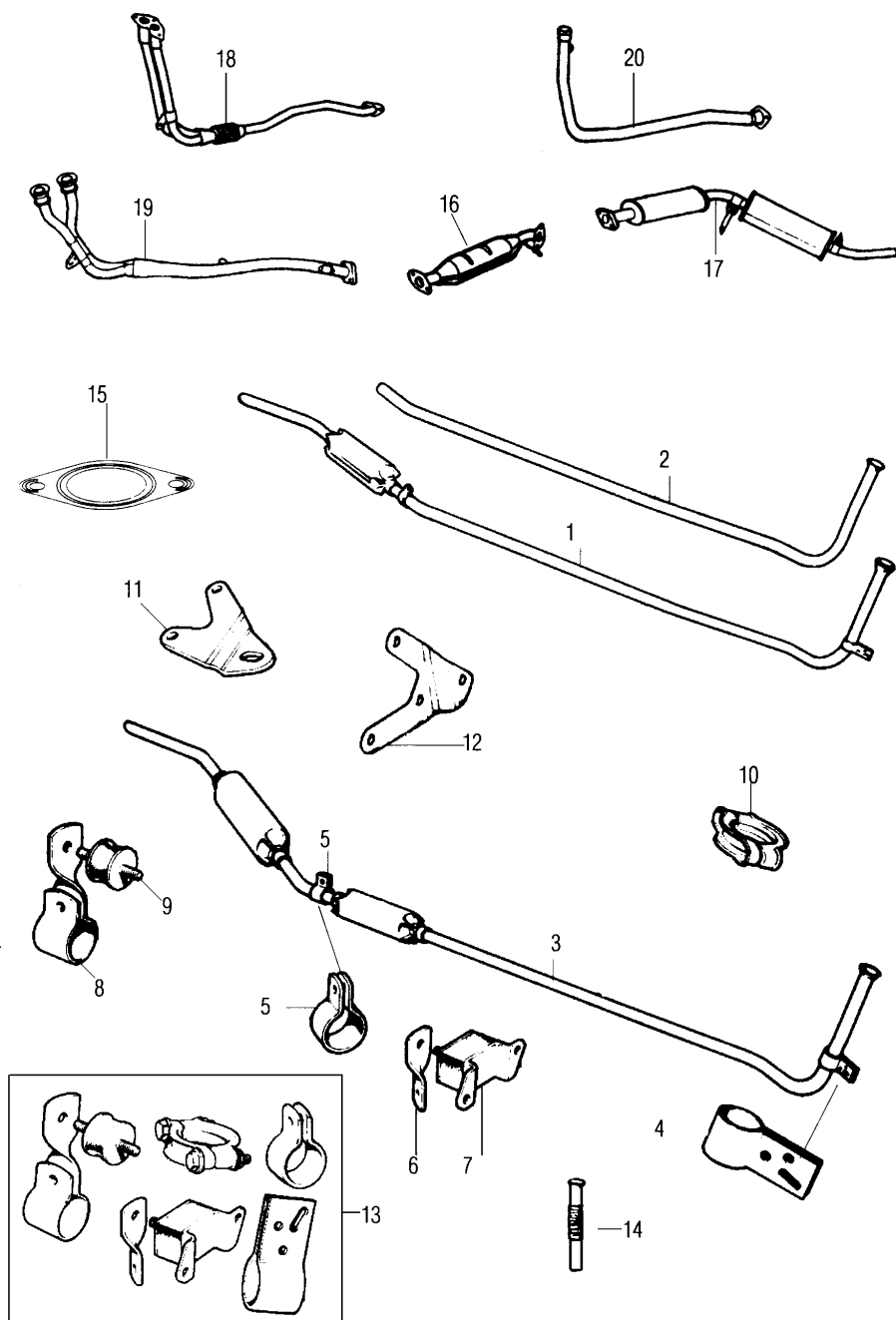
Inlet and Exhaust Manifolds



INLET AND EXHAUST MANIFOLDS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	12A1097	Inlet and exhaust manifold	1	Single HS2
2	12G3279	Inlet and exhaust manifold	1	Single HS4
3	ADP210	Blanking plug, alternative plug 88G619	1	Fits all
4	1B3664	Washer for plug	1	
5	12H1405	Manifold union, plain	1	
5	13H6289	Non return valve union	1	NLA
6	CHS2613	Manifold to carburettor stud, HS2 single and twin	1	For 12A1097
6	CHS2514	Manifold to carburettor stud, HS4, HIF38/HIF44	1	For 12G3279
7	AJM601	Manifold gasket	1	
7	GUG4008MG	Manifold gasket, Turbo	1	
7	C-AHT381	Large bore manifold gasket	1	Competition
8	AEG347	Original inlet manifold HS2 twin MKI/II	1	CWE
8	12G2463	Inlet manifold, twin HS2	1	Use C-AEG488
8	C-AEG489	Inlet manifold, twin HS4/6	1	
9	12G297	Twin inlet to cylinder head sleeve	2	
10	12G615	Exhaust manifold NLA	1	Use C-STR816
11	CAM6618	Inlet Manifold for HIF44	1	New Cooper
12	CAM6745	Exhaust manifold, HIF44	1	New Cooper
13	PEH10021	Hose - manifold outlet	1	
14	PEH10022	Hose inlet manifold to bottom hose	1	5/8" bore
15	12G3538	Inlet and exhaust manifold HIF38	1	
16	LKB10412	Inlet manifold TBI injection	1	Special order only
17	LKC10090	Exhaust manifold TBI injection	1	Special order only
18	LKK10025	Hot box for manifold	1	Special order only
19	TD108061A	Exhaust manifold stud	3	Special order only
20	TE108071	Inlet manifold stud to TBI	4	Special order only
21	51K1177	Washer, Manifold	6	
22	GHF261	Nut, Brass, Short	4	
23	51K1177	Nut, Brass, Long, (used on center two studs)	2	

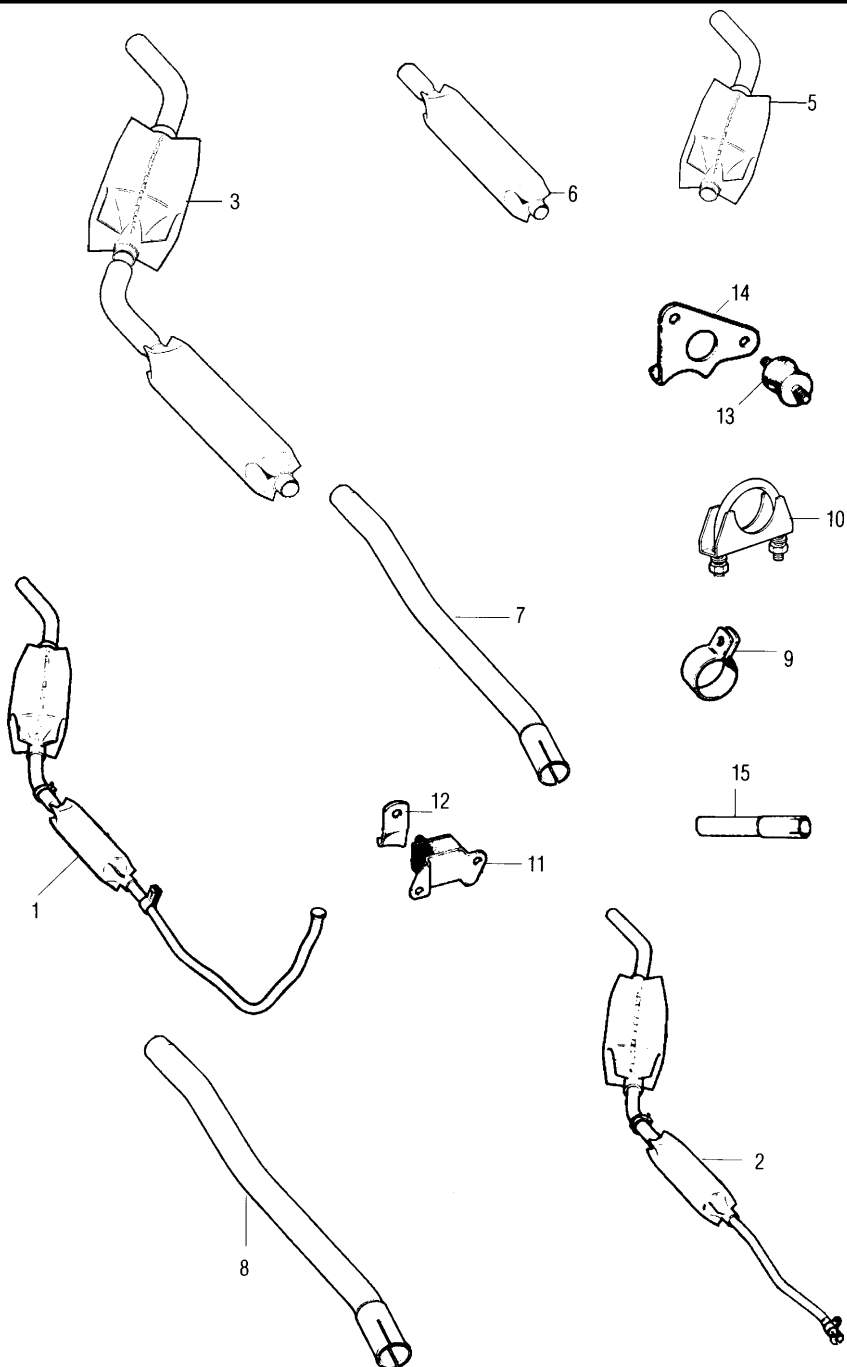
EXHAUST SYSTEMS - INCLUDING NEW COOPERS



EXHAUST SYSTEM INCLUDING NEW COOPERS (NOT 1275GT AND COOPER 'S')

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	GEX106	Single box exhaust system	1	Saloon
1	GEX107	Single box exhaust system 1967 on	1	Van/Estate/Pick up
1	GEX116	Single box exhaust system up to 1967	1	Van/Estate/Pick up
1	GEX118	Single box exhaust system up to 1967	1	NLA
2	GEX1390	Downpipe for single box	1	Saloon
3	GEX155	Twin box exhaust	1	Van/Estate
3	GEX189	Twin box exhaust	1	Saloon
4	GEX7053	Front pipe to gearbox clip	1	
5	GEX7052	Middle clip	1	
6	GEX7082	Middle clip strap	1	Saloon
6	GEX7273	Middle clip strap	1	Van/Estate
7	GEX7081	Middle exhaust mounting	1	
8	GEX7084	Rear exhaust clip	1	
8	GEX7272	Rear exhaust clip	1	Van/Estate
9	GEX7251	Rear exhaust bobbin mounting	1	
10	GEX7046	Manifold clamp	1	2 on new Cooper
10	GEX7790	Manifold clamp, for GEX12052	1	
11	GEX7337	Gearbox bracket for downpipe clip	1	Pre rod change
12	GEX7526	Gearbox bracket for downpipe clip 1974 on, rod change	1	Was GEX7088
13	GEX9551	Exhaust fitting kit, was GEX9502	1	
14	S1148R	Downpipe flexible neck repair piece	1	CWE
15	GEX7761	Gaskets for flanges on catalyst	2	When fitted
16	GEX8025	Catalyst assembly (nichel free Germany only)	1	Cooper with carb
16	GEX8026	Catalyst assembly	1	
17	GEX33479	Rear twin box assembly (to VIN 022123) to August 1990	1	Cooper with carb
17	GEX33515	Rear twin box assembly (VIN 022124 on) August 1990 on	1	Plus all Germany
17	GEX33519	Rear twin box assembly (HIF38 carb) May 1992 on	1	Plus TBI
18	GEX12043	Down pipe for TBI	1	
19	GEX12017	Twin down pipe for Cooper carburettor type	1	
20	GEX12052	Single down pipe for HIF38 carburettor type	1	May 1992 on
	GEX7779	Down pipe gasket for TBI	1	
	GEX7661	Flexible rubber hanger mounting, May 1992 on	2	

EXHAUST SYSTEMS - 1275GT & COOPER S



EXHAUST 1275GT / COOPER 'S'

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	GEX121	Exhaust assembly, 1275GT only	1	
2	GEX117	Exhaust assembly, Cooper and Cooper 'S'	1	NLA
3	RC40BOX	Twin box rear exhaust assembly	1	1.625" bore
3&7	RC40	Twin box exhaust assembly and downpipe	1	
3&7	RC50	Twin box exhaust assembly in stainless steel	1	
5	C-STR809	Rear exhaust box only	1	
6	C-STR808	Middle box	1	
7	RC40PIPE	Downpipe for RC40 twin box system	1	Cut for LCB
8	AN180V	Downpipe when using rear box only	1	Cut for LCB
8	AN181T	Pipe from catalyst to C-STR809	1	
9	GEX7054	Downpipe to manifold clamp, except LCB type	1	Std manifold or STR816
10	GEX9007	U bolt clamps to GEX7248/9, 1.750"	2	
10	GEX9008	Clamp to join downpipe to rear box, 1.875"	1	
10	GEX9008	Clamp to join downpipe to manifold, 1.875"	1	
11	GEX7081	Middle exhaust mounting	1	
12	GEX7248	Middle hanger bracket	1	Part of
13	GEX7251	Rear exhaust bobbin mounting	2	RC40FK
14	GEX7249	Rear hanger bracket	1	
	RC40FK	Fitting kit for RC40	1	
	C-ARA334	Exhaust system with 2" bore	1	ST product

ADAPTOR SLEEVES FOR USING REAR TWIN BOX ON ALTERNATIVE SIZE PIPES, PLUS PIPE DIAMETERS.

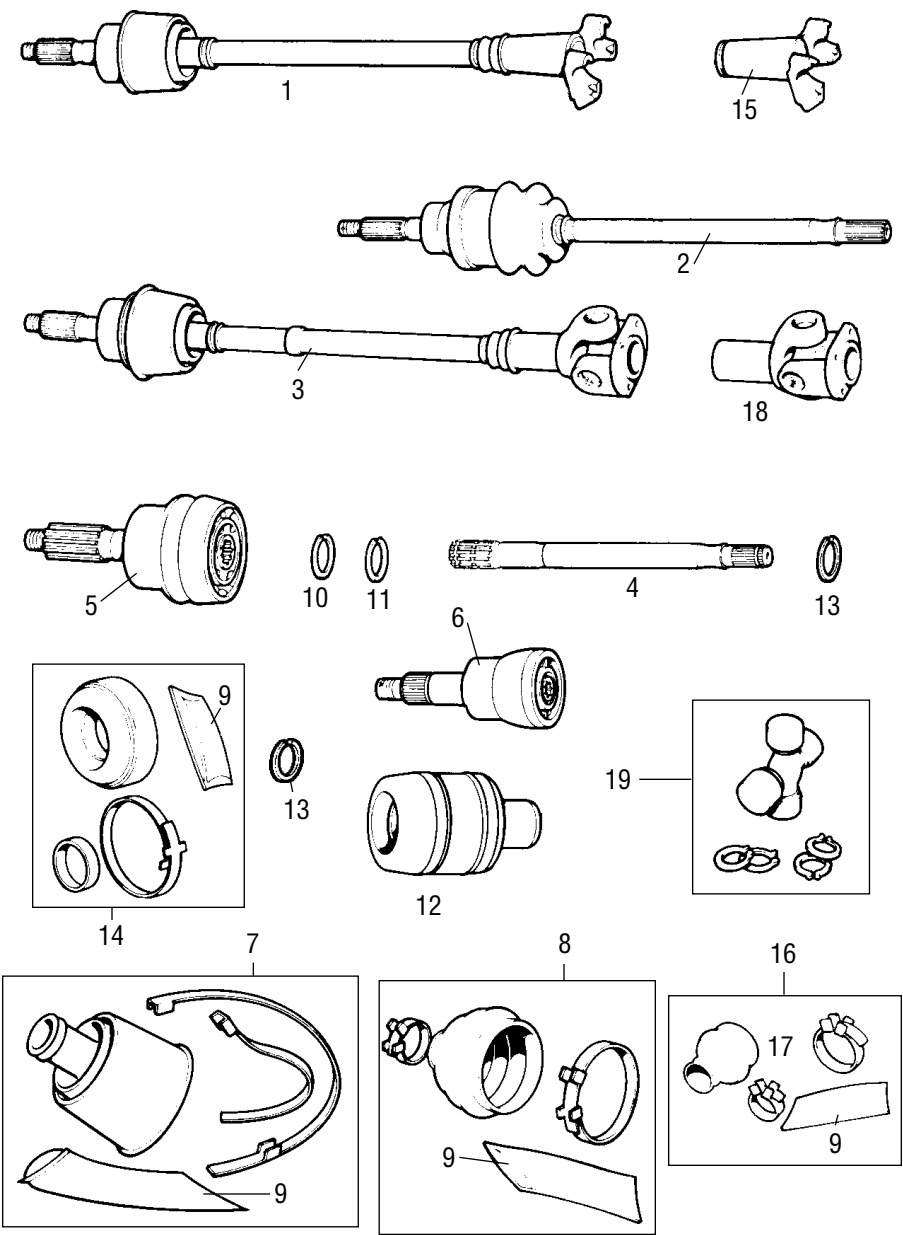
15	991-739	1.5" I/D 1.625" O/D reducing to 1.25" I/D 1.375" O/D	1	
15	991-773	1.625" I/D 1.750" O/D reducing to 1.25" I/D 1.375" O/D	1	RC40 to GEX1390
	RC40 BOX	Twin box 1.750" I/D 1.875" O/D inlet entrance / exit 1.750" O/D 1.625" I/D bore tail pipe		
	RC40 PIPE	1.750" I/D 1.875" O/D inlet at manifold end / exit 1.750" O/D 1.625" I/D CUT INLET END OFF FOR FITTING TO STANDARD BORE LCB		
	C-STR809 REAR BOX	Inlet 1.750" I/D 1.875" O/D inlet / exit 1.750" O/D 1.625" I/D bore pipe end		
	C-STR808 MIDDLE BOX	1.750" I/D 1.875" O/D inlet / outlet 1.750" O/D 1.625" I/D (used as rear race box also) upswept chrome end has 7" long inlet pipe, 16.75" silencer and a 16" swept up tail pipe. On the RC40 standard system the silencer is 14.75" long.		

ALL EXHAUST BOXES ARE NOW ROUND FLANGES AND NOT CRIMPED EDGES AS SHOWN.

CONVERSION CHART SIZES:

1/4"	0.25"
3/8"	0.375"
1/2"	0.50"
5/8"	0.625"
3/4"	0.750"
7/8"	0.875"

DRIVE SHAFTS



DRIVE SHAFTS

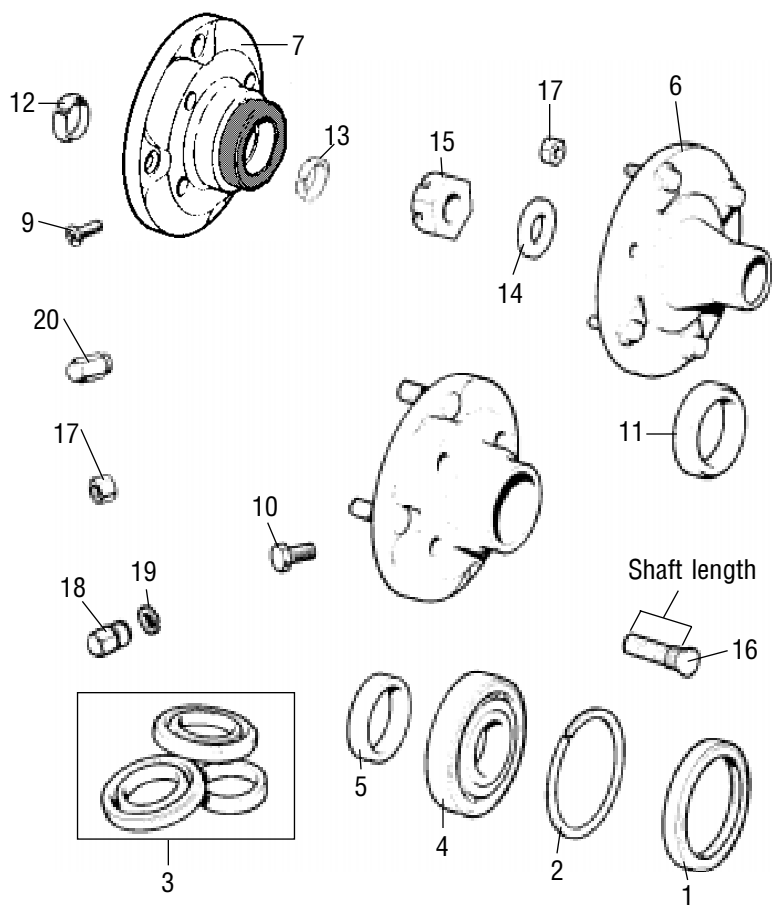
DRIVE SHAFTS WITH CONSTANT VELOCITY JOINT NUT OF 1 1/8 AF SOCKET

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A1760	R/H driveshaft rubber coupling type, CWE	1	997/998 Cooper
1	21A1761	L/H driveshaft.....CWE	1	Minis pre discs
2	ADU6282	R/H driveshaft less inboard pot joint was 22A1961	1	Drum brakes 73 on
2	ADU6281	L/H driveshaft less inboard pot joint was 22A1960	1	Drum brakes 73 on
3	21A1852	R/H driveshaft, automatic	1	CWE
3	21A1854	L/H driveshaft, automatic	1	CWE

DRIVE SHAFTS WITH LARGE CV JOINT NUT 1 5/16 AF SOCKET SIZE

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A2295	R/H driveshaft, rubber coupling type, CWE	1	1275GT/'S'
1	21A2296	L/H driveshaft, rubber coupling type, CWE	1	1275GT/'S'
2	ADU4402	R/H driveshaft less inboard pot joint, was 22A1963	1	Disc except 'S'
2	ADU4403	L/H driveshaft less inboard pot joint, was 22A1962	1	Disc except 'S'
3	21A1857	R/H driveshaft Hardy Spicer type, CWE	1	Cooper 'S'
3	21A1858	L/H driveshaft Hardy Spicer type, CWE	1	Cooper 'S'
4	27H4775	R/H shaft only, except inboard pot joint type	1	Upgraded material spec.
4	27H4776	L/H shaft only, except inboard pot joint type	1	Upgraded material spec.
4	MS1246	R/H shaft only, inboard pot joint only all 1973 on	1	Upgraded material spec.
4	MS1247	L/H shaft only, inboard pot joint only all 1973 on	1	Upgraded material spec.
5	17H8600	Outer constant velocity joint	2	1 1/8 AF socket size
6	GCV1013	Outer constant velocity joint was BAU4444	2	1 5/16 AF socket size
7	18G9027	Gaiter kit for 17H8600	2	
7	18G9027MS	Gaiter kit for either type CV joint (Does not foul hubs)	2	Universal fittings
8	GSV1053	Gaiter kit for GCV1013 genuine	2	
9	AKF1457	Grease for CV joint	A/R	In gaiter kit
10	37H8706	Circlip inner, CV joint was 17H8596	2	Extra or pot joint
11	17H8597	Circlip outer, CV joint thick	2	
12	ADU4378	Inboard pot joint, was DAM667	2	
13	37H8705	Oil seal for pot joint - to shaft	2	
14	BHM7012	Gaiter kit for DAM667	2	
14	GSV1073	Heavy duty gaiter for ADU4378 was BHM7205 (genuine)	2	
15	21A1696	Flange for rubber coupling type	2	
16	18G9029	Gaiter kit for 21A1696	2	
17	21A963	Gaiter only	2	As used on Hilo kit
18	27H7880	Hardy Spicer sliding joint	2	Auto and 'S'
19	GUJ101	Universal joint repair kit	2	Auto and 'S'

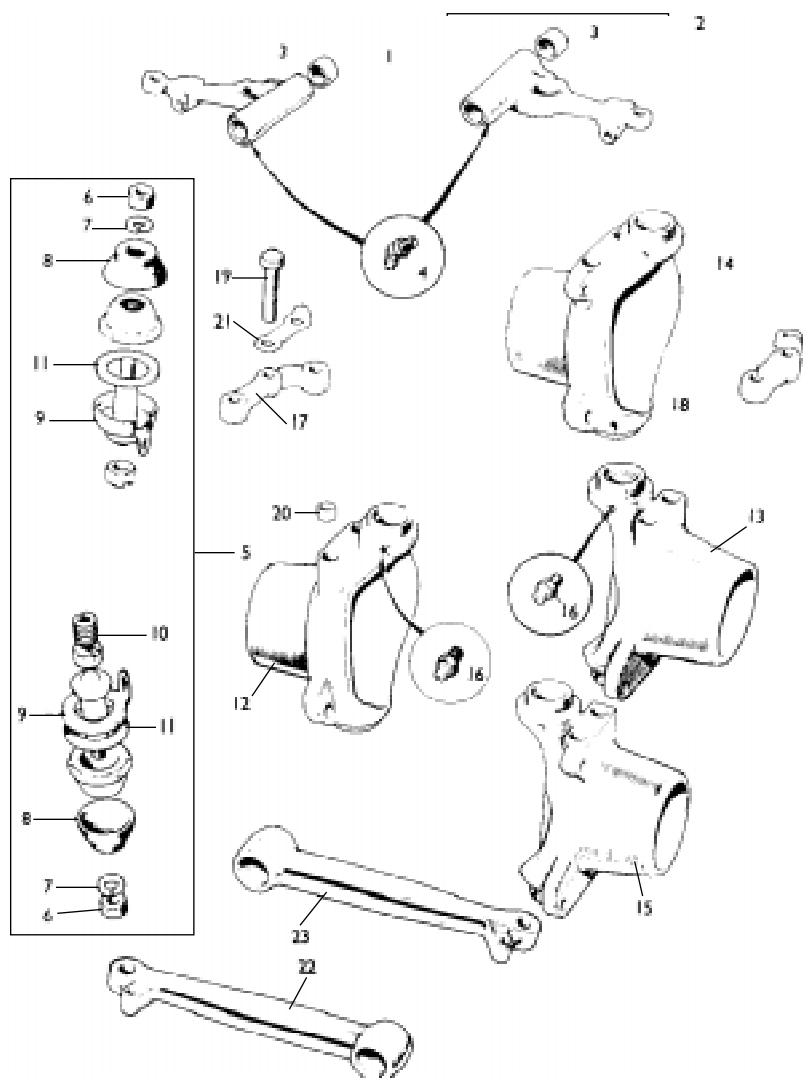
DRIVE FLANGES AND FRONT WHEEL BEARINGS



DRIVING FLANGES AND FRONT WHEEL BEARINGS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	GHS173	Oil seal with protector shield inner	2	
1	GHS101	Oil seal outer	2	
2	2A4361	Spacer, 0.094" 2.38mm seal to inner bearing	2	Disc brakes except Cooper
2	21A1307	Spacer, 0.229" 5.81mm seal to inner bearing	2	Drum brakes and Cooper
3	GHK1018	Bearing kit with seal	2	
3	GHB143	Timken tapered roller kit less seals	2	
3	GHK1140	Timken kit with seals	2	Use GHB143 plus seals
4	GHB113	Bearing, early type without built in spacer	NLA	
4	GHB211	Bearing with built in spacer	2	Use kit GHK1018
5	21A233	Bearing spacer for early type GHB113 only	4	
6	21A231	Drive flange, drum brakes only	4	850/1000cc
6	BTA191	Drive flange, 997/998cc Cooper	2	7" brake disc
7	21A1270	Drive flange, Cooper 'S' 1275GT, 7.5" brake disc	2	With 10" wheels
8	21A2695	Drive flange, 8.4" brake disc, late GT, all Mini's 1984 on	2	12" wheels
8	NAM6450F	Drive flange, Turbo Metro/ERA 8" vented disc	2	
9	SF604061	Drive flange to brake disc screw	8	For 21A1270
9	CMZ407	Drive flange to brake disc screw	8	For BTA193
10	BTA370	Drive flange to brake disc bolt	8	21A2695
10	ADU6472	Drive flange to brake disc bolt	8	For GBD496
11	2A4295	Collar for rear of 21A231/BTA191 drive flange	2	Drum brakes and Cooper
12	FAM9270	Outer tapered collar was BTA243, with BTA249 only	2	All disc except Cooper
13	BTA663	Inner collar on very early 21A1270 flanges	2	Deleted by 1966
14	2A7323	Washers, for use with 21A79 only	2	Drum brakes Cooper
15	21A79	Nuts, all drum brakes and Cooper	2	1 1/8 AF socket size
15	BTA249	Nuts, disc type except Cooper	2	1 5/16 AF socket size
16	NAM5645	Studs for NAM6450F/21A2695	8	Replaces BTA339
16	BTA339	Studs, 1.1875" (30mm) shaft length, thread length 0.800"	8	Now NAM5645
16	21A2064	Studs, Mini and 'S' 1.375" (35mm) shaft length	8	Thread length 0.875"
16	21A2064L	Studs, Mini and 'S' 2.000" (50.8mm) shaft length	8	Thread length 1.1250"
17	88G322	Wheel nuts, round radius chamfer angle	8	
17	113087	Wheel nuts, 60° chamfer angle	8	Steel wheels 1985 on
18	GAW115	Mini special 10" alloy wheel use with GAW116 cover	8	1979 on
18	NAM9075	Latest Cooper wheel nuts (Minilite lookalike)	8	
18	FAM5701	Late Mini 10" hub cap round radius chamfer angle	8	
18	FAM3721	Wheel nuts for 10" hub cap 60° chamfer angle	8	Mini City
18	AJM1139	Wheel nuts for 12" hub cap 60° chamfer angle	8	Mayfair 1985 on
18	FAM4010	Wheel nuts for Denovo, Rostyle	8	NLA
18	FAM64	Wheel nuts for 12" hub cap on 1275GT only	8	NLA
19	FAM2563	Washers for FAM5701/3721	8	
19	FAM65	Washers for FAM64	8	
20	CN1	Chrome wheel nuts	8	Alternative to 88G322
20	AHA8785	Chrome wheel nuts, 60° chamfer dome - 1275GT Rostyle	8	Weller steel, use COSMIC5
20	COSMIC5	Chrome wheel nuts, 60° chamfer angle	8	Weller steel and Rostyle

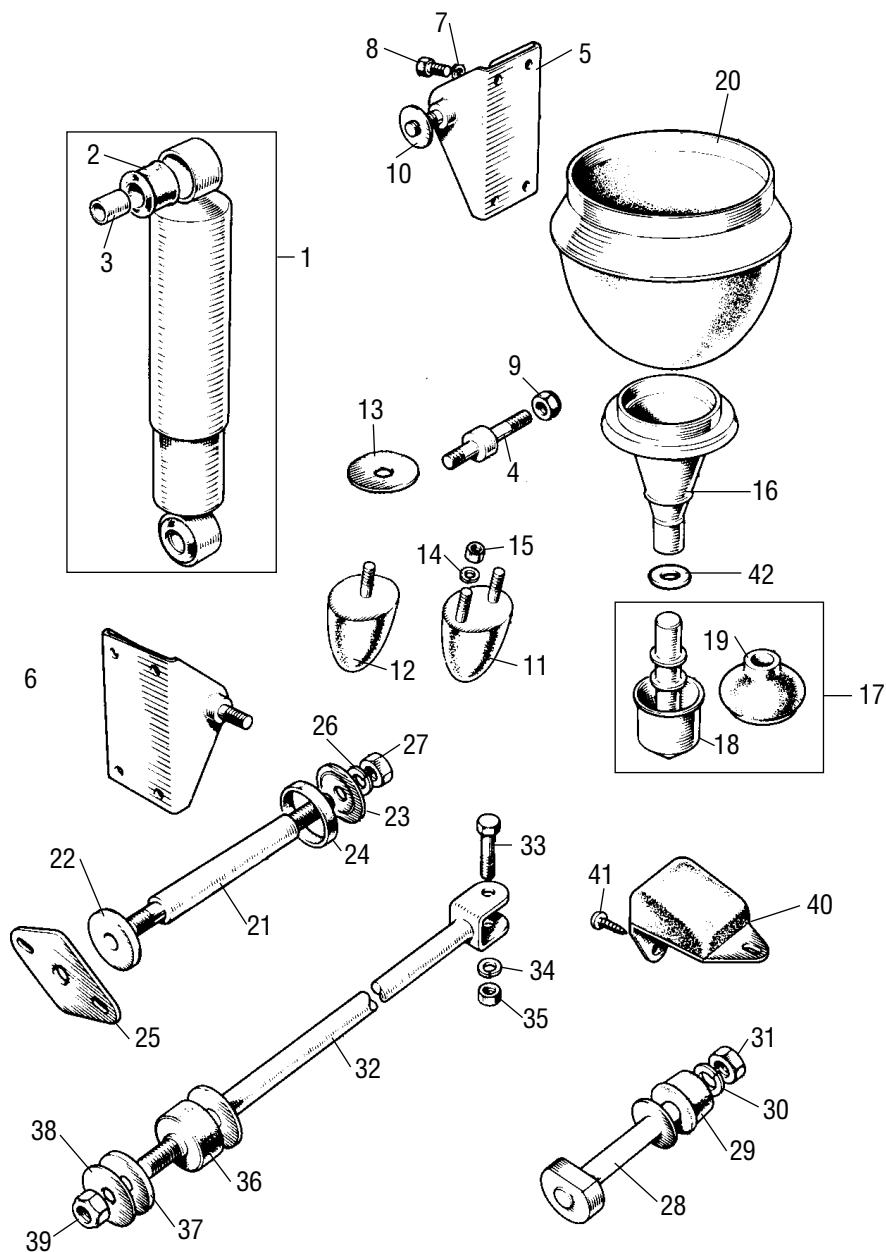
FRONT SUSPENSION



FRONT Suspension

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A2690	Upper arm R/H, rubber cone	1	
2	21A2691	Upper arm L/H, rubber cone	1	
1	21A1479	Upper arm R/H, hydrolastic	1	CWE
2	21A1482	Upper arm L/H, hydrolastic	1	NLA
3	88G302	Needle roller bearing, upper arm	4	
4	UHN445	Grease nipple, upper arm	2	
5	GSJ166	Swivel pin kit	2 sets	
6	FNZ507	Nut	4	
7	LWZ307	Spring washer	4	
8	BTA377	Dust cover	4	
9	2A4238	Locktab	4	All in GSJ166
10	21A370	Spring	2	
11	2A4240	Washer 0.005" (.127mm)	A/R	
11	2A4241	Washer 0.010" (.254mm)	A/R	
12	21A371	Swivel hub R/H	1	Drum brakes
13	21A372	Swivel hub L/H	1	Drum brakes
14	FAM2390	Swivel hub R/H, was BTA186	1	Disc brakes
15	FAM2391	Swivel hub L/H, was BTA187	1	Disc brakes
16	UHN400	Grease nipple, hub	4	
17	BTA896	Steering arm R/H, pre 1974	1	Except Cooper 'S' 1275GT
18	BTA897	Steering arm L/H, pre 1974	1	Except Cooper 'S' 1275GT
17	BTA894	Steering arm R/H	1	Cooper 'S' 1275GT only
18	BTA895	Steering arm L/H	1	Cooper 'S' 1275GT only
17	FAM7662	Steering arm L/H	1	Metro
18	FAM7663	Steering arm R/H	1	Metro
19	2A4315	Steering arm bolt	4	
20	FAM6924	Steering arm dowel, was 2A4314	4	
21	2K5377	Locktab	2	
22	21A1879	Lower arm R/H (tapered bush hole),	1	use 21A1882 bush
23	21A1881	Lower arm L/H (tapered bush hole),	1	use 21A1882 bush
22	ERA1038	Lower arm R/H	1	ERA Turbo with 13" wheels
23	ERA1039	Lower arm L/H	1	ERA Turbo with 13" wheels
23	C-AJJ3364	Lower arm kit (negative camber)	1 pr	

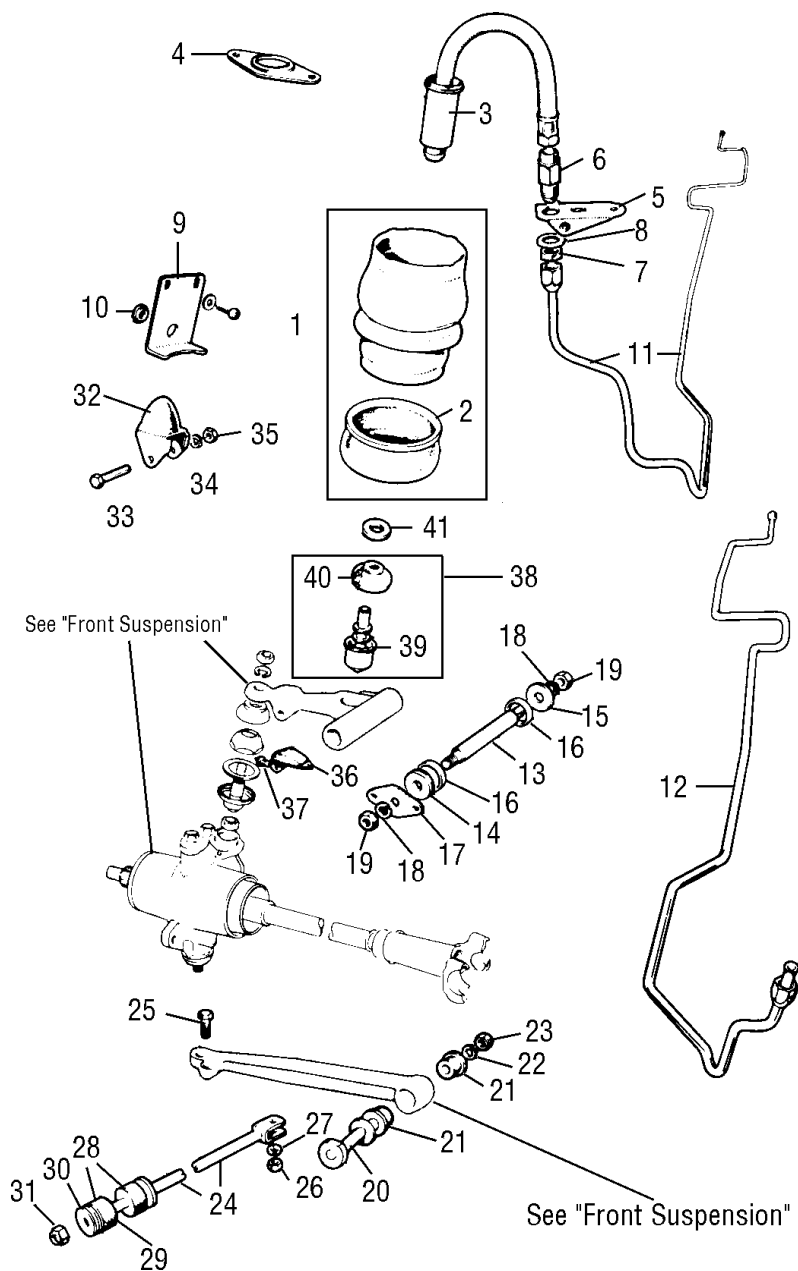
FRONT RUBBER CONE SPRING SUSPENSION



FRONT RUBBER CONE SPRING SUSPENSION (KNOWN AS DRY SUSPENSION)

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	GSA71388	Genuine Unipart	2	
1	GSA388MS	Shock absorber	2	
2	21A1230	Shock absorber bush, was 21A503	4	
3	21A504	Sleeve for shock absorber bush	4	
4	C-AJJ3361	Lower shock absorber anchor pin, strenghtened	2	Rover no. 2A4337 C-AJJ3359 pair For lowered use
5	21A471	R/H shock absorber upper bracket	1	
6	21A474	L/H shock absorber upper bracket	1	
7	GHF331	Spring washer was LWZ204	8	
8	GHF117	Bolt, bracket to inner wing	8	
9	GHF221	Nylon nut for C-AJJ3361	8	
10	AJD7162	Washer to retain shock absorber bush/ferrule	8	
11	2A4332	Bump stop	2	
12	FAM2764	Single bolt bump stop mounted subframe	2	1976 on
13	FAM2767	Packing washer for FAM2764	2	
14	GHF331	Spring washer	2/4	
15	GHF200	Nut for bump stop	2/4	
16	21A530MS	Suspension cone strut (trumpet)	2	
17	GSV1118	Suspension knuckle was 21A1163	2	
18	21A423	Nylon cup	2	Part of GSV1128
19	21A425	Dust cover	2	
20	FAM3968	Suspension cone spring	2	
21	2A4325	Upper arm support shaft	2	Available as kit MSK1 per side
22	2A4326	Thrust collar	2	
23	2A7324	Thrust washer	2	
24	2A7327	Rubber sealing ring	4	
25	2A4327	Retaining plate	2	
26	GHF335	Spring washer was LWZ308	4	
27	FNZ508	Nut	4	
28	2A4362	Lower arm support shaft was 21A1889	2	
29	21A1882	Lower arm bushes with metal insert	4	Fit tapered hole Fit straight hole
29	2A4294	Lower arm shouldered bush, pre 1965	4	
30	GHF333	Spring washer	2	
31	FNZ506	GHF223 nut for support shaft was FNZ506	2	
32	21A450	Tie rod	2	Available as kit 8G4249 per side
33	53K1031	Tie rod bolt	2	
34	GHF332	Washer	2	
35	FNZ505	Nut	2	
36	31G1155	Tie rod bush	4	
36	C-STR628	Tie rod bush kit (4) slightly harder	1	
37	ACA9759	Cup washer	2	
38	PWZ207	Plain washer	2	
39	GHF223	Nut	2	
40	2A4267	Rebound buffer	2	
41	13H2776	Screw	2	
42	21A1845	Packing washer to raise suspension	A/R	
31-36		Are also sold as a kit 8G4249 (indicated by brackets)	2	

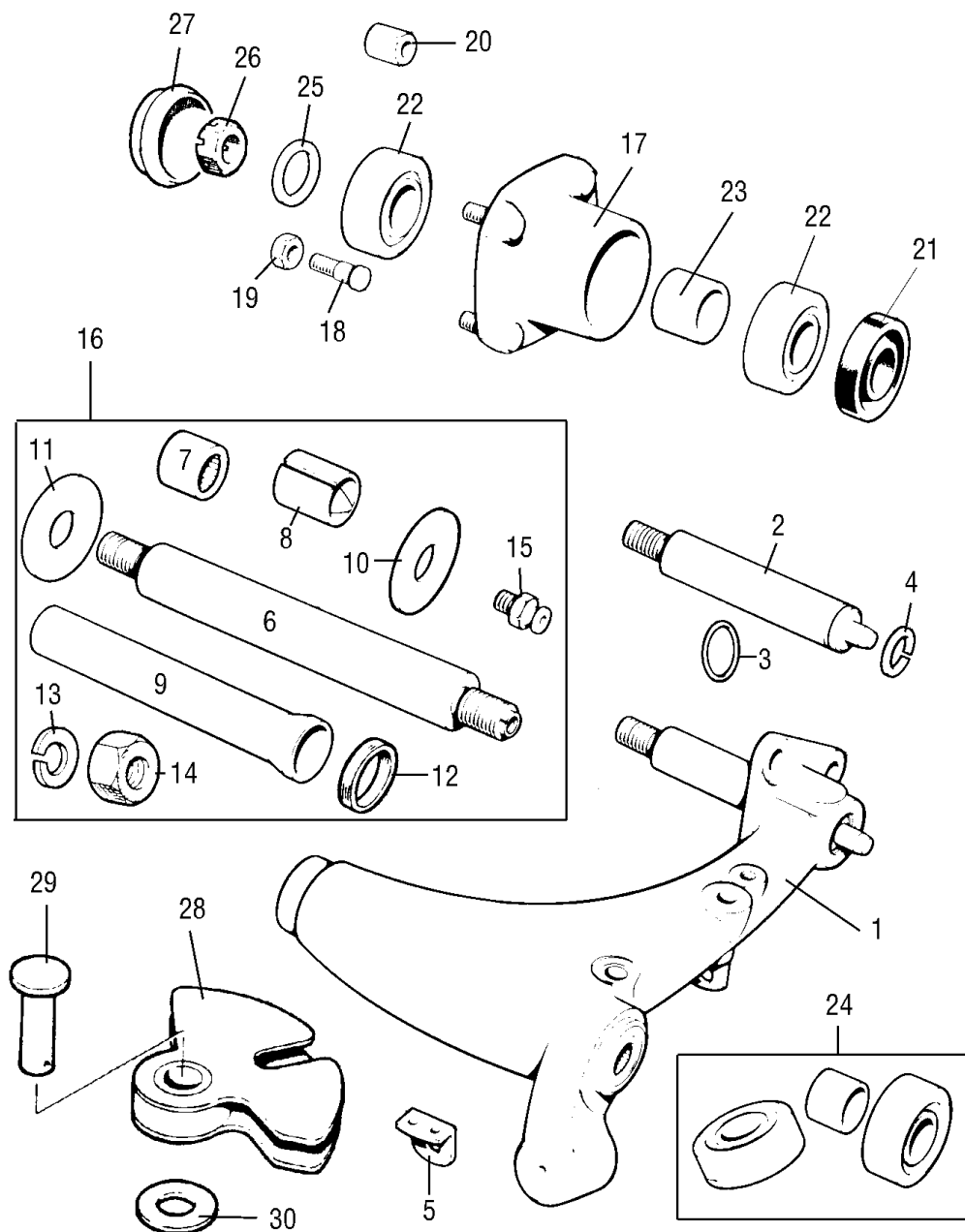
FRONT HYDROLASTIC DISPLACER SUSPENSION



FRONT HYDROLASTIC DISPLACER SUSPENSION (KNOWN AS WET SUSPENSION)

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A2008	Displacer unit (hose part of displacer only)	2	NLA
2	21A1496	Dust excluder	2	
3	21A1515	Protection sleeve for hose	2	
4	21A1487	Protection sleeve retainer	2	
5	21A1522	Adaptor plate bracket	1	NLA
6	21A1524	Adaptor	2	
7	17H8236	Nut	2	
8	LWZ410	Washer	2	
9	21A1687	Bracket to hold displacer to subframe	2	NLA
10	14A7031	Plug for bracket	2	
11	21A1575	Steel hydrolastic pipe, front to rear R/H	1	
12	21A1577	Steel hydrolastic pipe, front to rear L/H	1	
	FSP3	Plastic hydrolastic pipe, fits either side	2	Alternative to steel
13	2A4325	Upper arm support	2	
14	2A4326	Thrust collar	2	✓ Available in kit
15	2A7324	Thrust washer	2	⇔ MSK1
16	2A7327	Rubber sealing ring	4	⇔ per side
17	2A4327	Retaining plate	2	⇔
18	GHF335	Spring washer was LWZ308	4	⇔
19	FNZ508	Nut	4	
20	2A4362	Lower arm support shaft was 21A1889	2	
21	21A1882	Lower arm bushes with metal insert	4	All 'S' plus 1966 on
21	2A4294	Lower arm shouldered bush, no insert	4	Pre 1966 models
22	GHF333	Spring washer was LWZ206	2	
23	FNZ506	Nut	2	
24	21A450	Tie rod	2	✓
25	53K1031	Tie rod bolt	2	⇔ Available
26	FNZ505	Nut	2	⇔ as kit
27	GHF332	Washer	2	⇔ 8G4249
28	31G1155	Tie bar bush	4	⇔ per side
29	ACA9759	Cup washer	2	⇔
30	PWZ207	Flat washer	2	
31	GHF223	Nut	2	
32	21A1598	Bump stop	2	CWE
33	HBZ420	Bolt	2	
34	LWZ204	Spring washer	2	
35	FNZ104	Nut	2	
36	2A4267	Rebound buffer	2	
37	13H2776	Screw	2	
38	GSV1118	Knuckle joint was 21A1163	2	
39	21A423	Nylon cup	2	✓ Part of
40	21A425	Dust cover	2	GSV1118
41	21A1845	Packing washer to raise suspension	A/R	

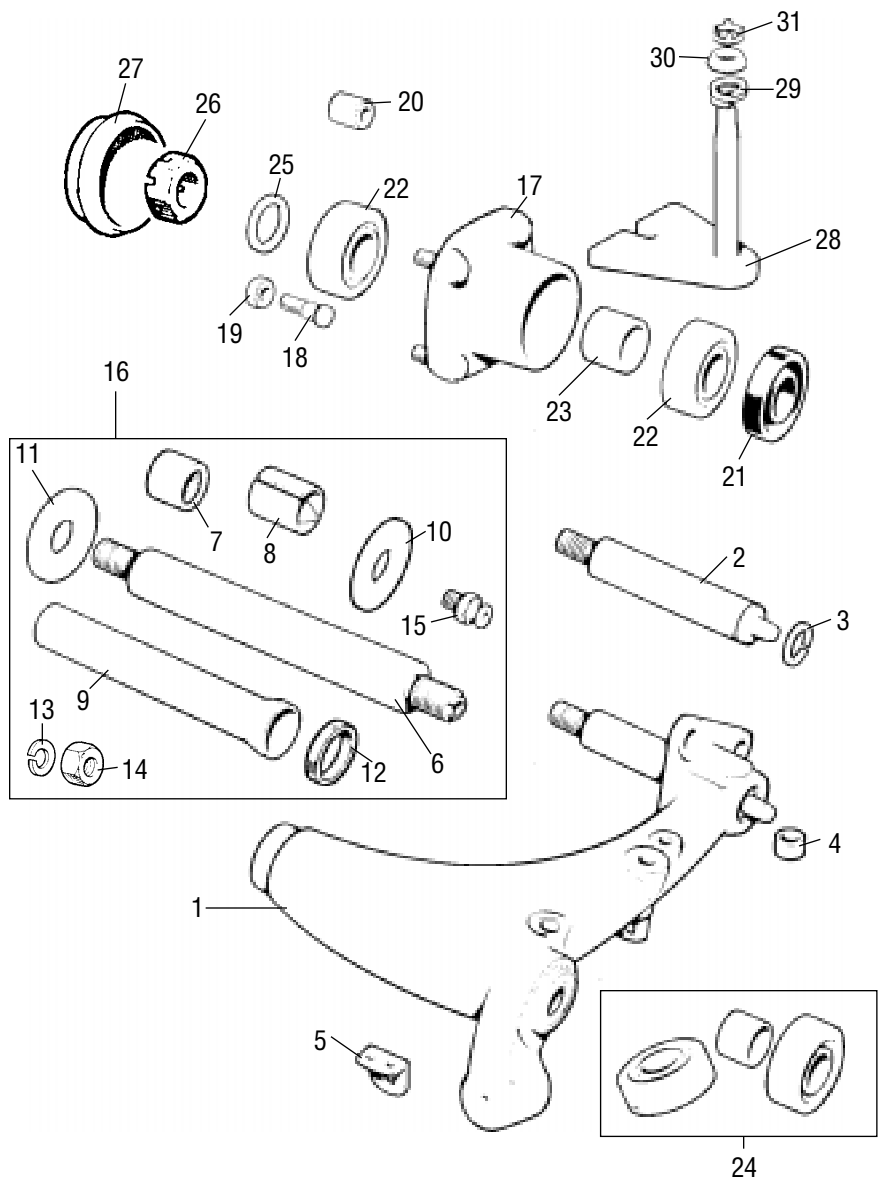
REAR RADIUS ARMS - CONE/DRY SUSPENSION



REAR RADIUS ARMS, CONE SUSPENSION

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A392	Radius arm R/H use NAM7162 with CDU1173	1	
1	NAM7162	Radius arm R/H cone suspension, was 21A392	1	
1	21A393	Radius arm L/H dry use NAM7163 with CDU1173 seal	1	
1	NAM7163	Radius arm L/H cone suspension was 21A393	1	
2	2A7351	Radius arm stub axle R/H	1	
2	2A7364	Radius arm stub axle L/H	1	
3	CDU1173	Seal on stub axle for NAM7162/3 arm only	2	
4	2A7352	Stub axle circlip	2	
5	21A397	Bracket on radius arm for hose	2	
6	ACA9099	Pin	2	
7	ATJ4098	Roller bearing inner, was 13H442	2	
8	2A7325	Bronze bush outer	2	
9	21A396	Metal grease sleeve, being replaced by plastic sleeve	2	
10	2A7324	Outer thrust washer	2	
11	ACA9302	Inner thrust washer	2	
12	2A7327	Sealing rubber ring	4	
13	LWZ208	Spring washer	4	
14	FNZ508	Nut	4	
15	UHN400	Grease nipple	2	
16	8G7134	Radius arm repair kit	2	
17	21A2023	Hub with studs	2	
17	21A1277	Hub with long studs, 'S' and 1275GT plus all 1984 on	2	
18	21A2064	Wheel studs, shaft length 1.375" 35mm	8	Thread length 0.875"
18	21A2064L	Wheel studs, shaft length 2.000" 50.80mm	8	Thread length 1.125"
18	ATA7085	Wheel studs, shaft length 1.6875" 42.65mm	8	Thread length 1.000"
18	21A1278	Wheel studs, shaft length 2.375" 60.30mm	8	Thread length .750"
18	ENJO-1039	Wheel studs, shaft length 2.375" 60.30mm	8	Thread length 1.125"
18	ERA1268	Wheel studs, shaft length 2.437" 62mm	8	Thread length 1.000"
19	88G322	Wheel nuts, round radius chamfer angle	8	
19	113087	Wheel nuts, 60° chamfer angle	8	Steel wheel 1985 on
20	CN1	Chrome wheel nuts	8	Alternative to 88G322
20	AHA8785	Chrome wheel nuts, 60° chamfer dome - 1275GT Rostyle	8	Weller steel, use COSMIC5
20	COSMIC5	Chrome wheel nuts, 60° chamfer angle	8	Weller steel and Rostyle
21	GHS134	Metal backed 'S' oil seal	2	Use GHS102
21	GHS102	Hub oil seal	2	
22	GHB116	Bearing without built in spacer	4	NLA, use GHK1352
22	GHB212	Bearing with built in spacer	4	Part of GHK1352
23	2A7354	Spacer when GHB116 fitted (Not Timken)	2	
24	GHK1352	Bearing kit with built in spacer and seals	2	Was GHK1088
24	GHB147	Timken tapered roller bearing set less seals	2	
24	GHK1141	Timken tapered roller bearing set plus seals	2	
25	BTA672	Hub washer was 21A1892	2	
26	NL610041	Hub nut R/H	1	
26	FNN2410	Hub nut L/H	1	
27	ATB4098	Grease retaining cap	2	
28	21A2454	Hand brake quadrant	2	
29	CLZ549	Clevis pin, was BH605281 bolt	2	
30	AWZ105	Washer	2	

REAR RADIUS ARMS - HYDROLASTIC SUSPENSION

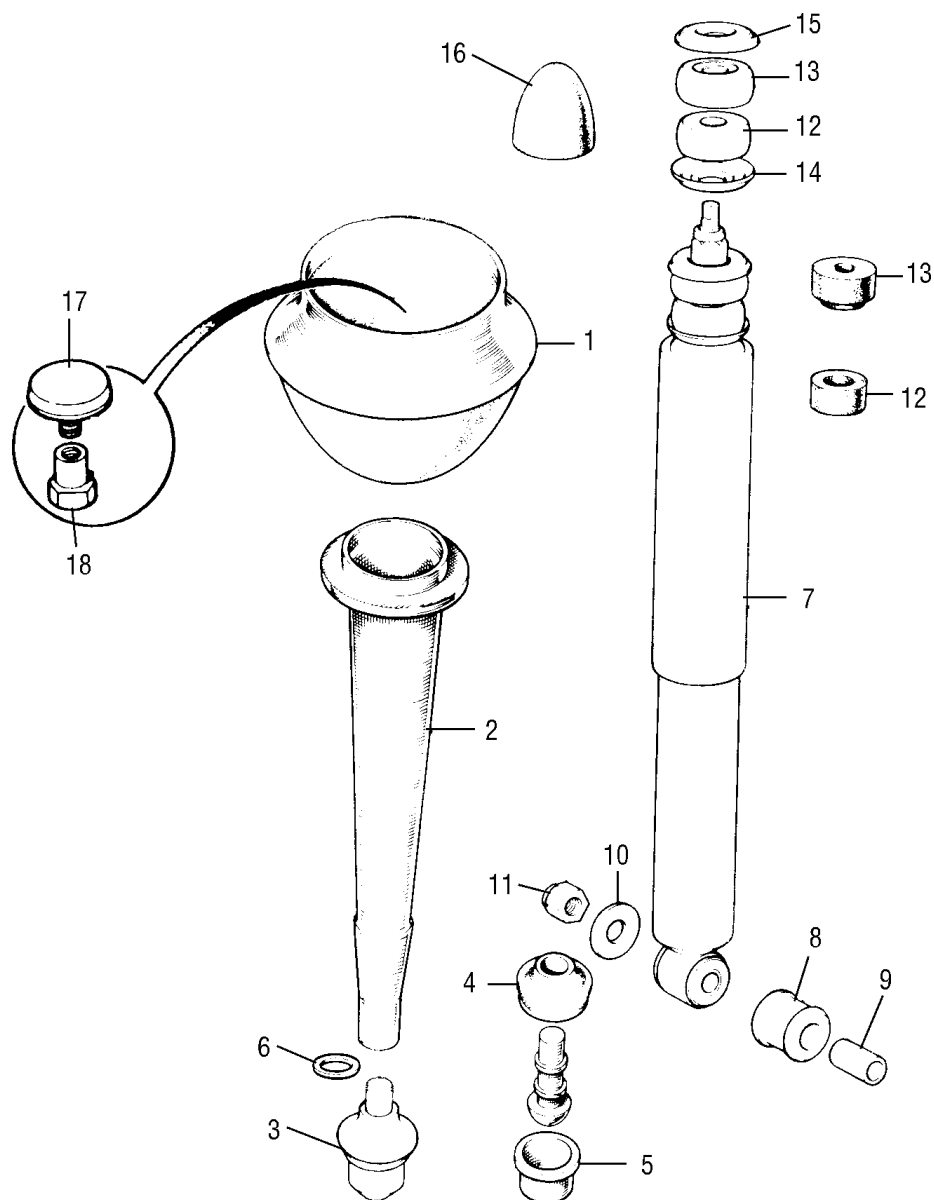


REAR RADIUS ARMS HYDROLASTIC SUSPENSION

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A1485	Hydrolastic radius arm R/H	1	CWE
1	21A1489	Hydrolastic radius arm L/H	1	NLA
2	21A1486	Stub axle R/H	1	CWE
2	21A1490	Stub axle L/H	1	NLA
3	2A7352	Stub axle circlip	2	
4	LBS507	Bush for pivot arm	2	CWE
5	21A1375	Bracket on radius arm for hose	2	NLA
6	ACA9099	Radius arm pin	2	
7	ATJ4098	Roller bearing inner, was 13H442	2	
8	2A7325	Bronze bush outer	2	
9	21A396	Metal grease sleeve, replaced by plastic sleeve	2	
10	2A7324	Outer thrust washer	2	
11	ACA9302	Inner thrust washer	2	
12	2A7327	Sealing rubber ring	4	
13	LWZ208	Spring washer	4	
14	FNZ508	Nut	4	
15	UHN400	Grease nipple	2	
16	GSV1125	Radius arm repair kit, was 8G7134	2	
17	21A2023	Hub with studs	1	
17	21A1277	Hub with long studs, 1275GT 'S'	1	
18 *	21A2064	Wheel stud shaft length 1.375" 35mm	1	Thread length 0.875"
18	21A2064L	Wheel stud shaft length 2.000" 50.80mm	1	Thread length 1.125"
18	ATA7085	Wheel stud shaft length 1.687" 42.65mm	1	Thread length 1.000"
18 *	21A1278	'S' Wheel stud shaft length 2.375" 60.30mm	1	Thread length 0.750"
18	ENJO-1039	Wheel stud shaft length 2.375" 60.30mm	1	Thread length 1.125"
18	ERA1268	Wheel stud shaft length 2.437" 62mm	1	Thread length 1.000"
19	88G322	Wheel nuts, round radius chamfer angle	8	
20	CN1	Chrome wheel nut	8	Alternative to 88G322
21	GHS134	Metal backed 'S' rear hub oil seal	2	Use GHS102
21	GHS102	Rear hub oil seal	2	
22	GHB116	Bearing without built in spacer	4	NLA use GHK1352
22	GHB212	Bearing with built in spacer	4	Part of GHK1352
23	2A7354	Spacer when GHB116 fitted	2	
24	GHK1352	Bearing kit with built in spacer and seals per hub	2	Was GHK1008
24	GHB147	Timken tapered roller bearing set less seals per hub	2	'S' and Mini 1984 on
24	GHK1141	Timken tapered roller bearing set plus seals	2	Use GHB147 + seal
25	BTA672	Hub washer, was 21A1892	2	
26	NL611041	Hub nut R/H	1	
26	FNN2410	Hub nut L/H	1	
27	ATB4098	Grease retaining cap	2	
28	21A1507	Hand brake quadrant	2	
29	2K2545	Spring washer	2	
30	21A1512	Thrust washer	2	
31	21A1513	Spire clip	2	

* Standard fitment, shorter for GDB105, brake drum, longer for GDB106 brake drum with 1" built in spacer
All wheel nuts shown on drive flange and bearing page.

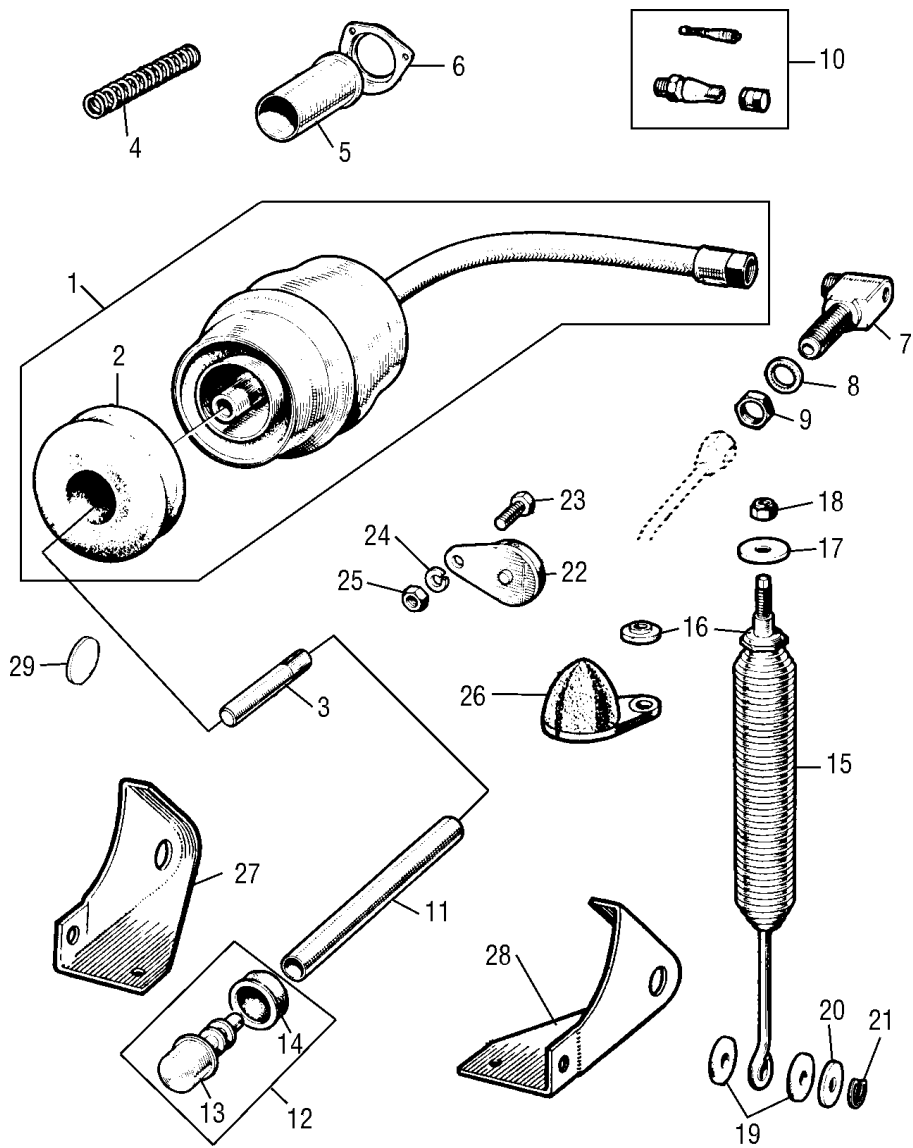
REAR RUBBER CONE SUSPENSION



REAR SUSPENSION RUBBER CONE

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	FAM3968	Suspension cone	2	Metric thread
2	21A1683	Alloy strut, C.W.E.	2	Saloon only to 1984
2	21A1684	Alloy strut longer	2	All vans, saloons 1984 on
3	GSV1118	Suspension knuckle joint complete	2	
4	21A425	Knuckle gaiter	2	
5	21A423	Knuckle nylon cup	2	
6	21A1845	Washer to raise suspension	A/R	
7	GSA389	Shock absorber	2	
7	GSA971389	Shock absorber genuine	2	
8	21A1230	Shock absorber lower bush, was 21A503	2	
9	21A504	Lower bush sleeve	2	
10	AJD7162	Washer	2	
11	GHF273	Nut	2	
12	21A1314	Lower of top shock absorber bush	2	
13	GZS1477	Upper of top shock absorber bush	2	
14	21A2325	Lower washer	2	NLA
15	21A639	Upper washer	2	NLA
16	21A640	Buffer	2	Van and Estate
17	ERA1190	Bump stop, fits FAM3968 on late subframe 1990 on	2	ERA Turbo
18	ERA1191	Cap bolt for bump stop, fits FAM3968	2	ERA Turbo

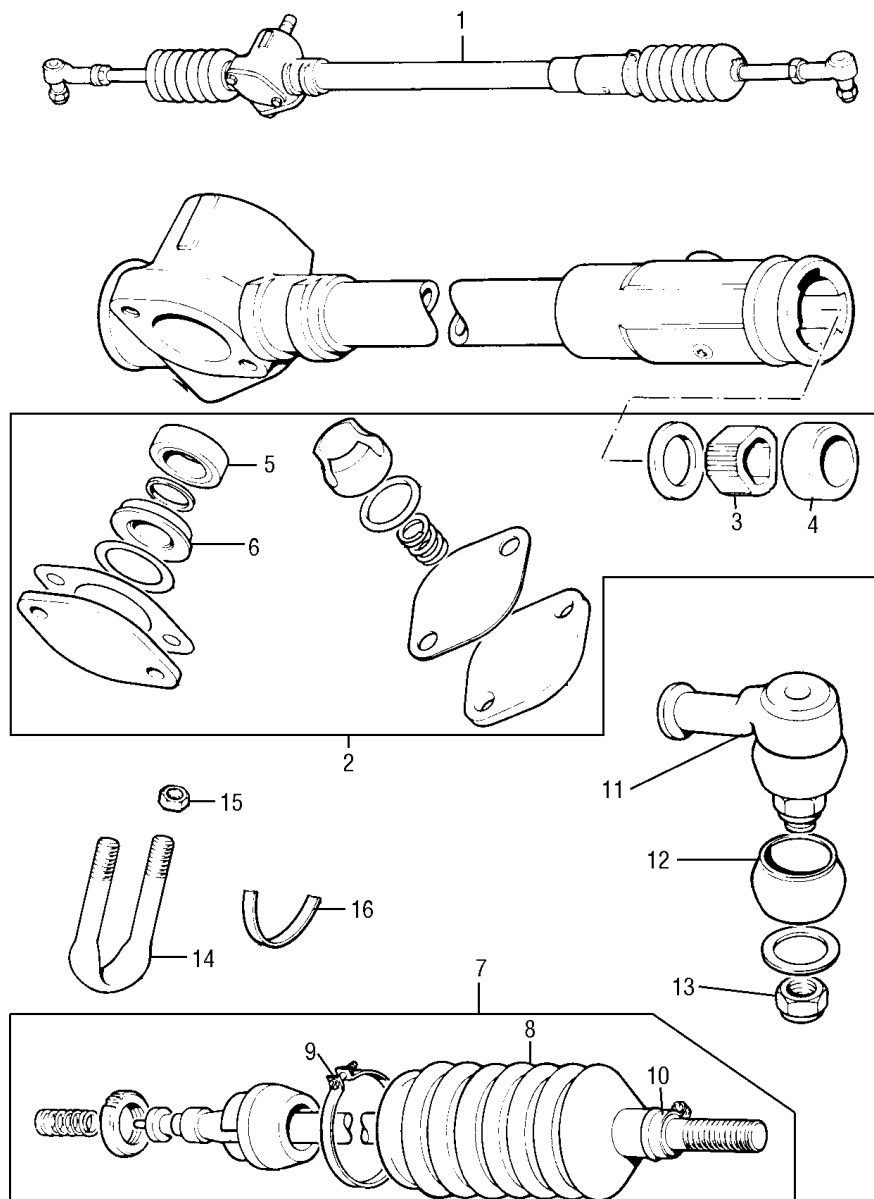
REAR HYDROLASTIC SUSPENSION



REAR SUSPENSION - HYDROLASTIC

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A2008	Displacer unit	2	CWE
2	21A1496	Dust cover	2	
3	21A1704	Dowel	2	NLA
4	4G7809	Compression spring	2	NLA
5	21A1515	Sleeve	2	
6	21A1757	Sleeve retainer	2	
7	21A1519	Elbow for pipe to hose	2	
8	LWZ410	Locking washer	2	
9	17H8236	Nut	2	
10	13H1705	Valve assembly	2	
11	21A1805	Strut	2	
12	GSV1118	Suspension knuckle joint complete	2	
13	21A425	Knuckle nylon cup	2	
14	21A423	Knuckle gaiter	2	
15	21A1806	Helper spring	2	
16	12A1358	Helper spring bush was 21A1492	4	
17	53K3446	Special washer	2	NLA
18	GHF222	Lock nut	2	
19	21A1493	Felt washer	4	
20	PWZ306	Plain washer	2	
21	13H2193	Retainer clip	2	
22	21A1517	Rebound buffer	2	
23	SH605051	Bolt	2	
24	GHF332	Spring washer	2	
25	GHF201	Nut	2	
26	21A1520	Bump stop buffer	2	
27	14A6615	Radius arm shroud R/H	1	
28	14A6616	Radius arm shroud L/H	1	
29	14A7091	Rubber plug for grease hole, on 14A6615/6	2	

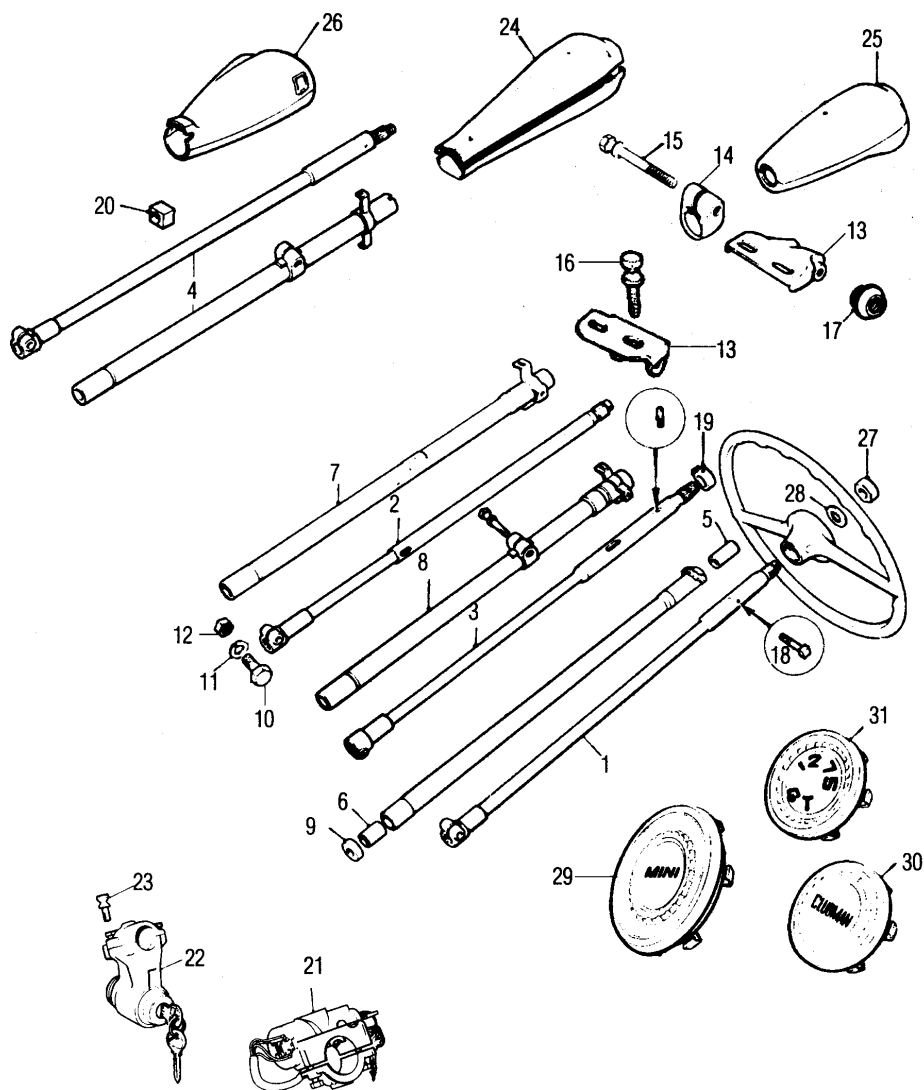
STEERING RACK



STEERING RACK

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	AAU6950	GSR307E Steering rack	1	MKI
1	GSR358E	Unipart top quality recon. rack with track rod ends	1	MKII on
1	GSR626E	Unipart reconditioned rack less track rod end	1	MKII on
1	FAM7307	L/H/D new non Rover	1	MKII on
1	FAM7307MS	Reconditioned L/H/D rack	1	MKII
1	GSR158	Genuine Rover rack new L/H/D	1	MKII on
1	GSR157	Genuine Rover rack new R/H/D	1	MKII on
2	GSV1052	Repair kit	1	1968 on
3	37H8064	Steering rack nylon bearing	1	
4	37H2079	Metal spacer	1	
5	88G499	Oil seal	1	
6	BTA662	Bearing, (NLA separately, part of GSV1052)	1	NLA
7	GSV1009	Tie rod repair kit	1	1968 on
8	BHM7113	Gaiter kit rubber	1 pr	
8	GSV1153	Gaiter kit genuine with clips, (rubber)	1 pr	
8	GSV1056	Rover gaiter kit for GSR157/8 (plastic gaiter)	1 pr	
8	17H6298	Gaiter rubber, single without clips	2	
9	CCA35	Inner seal clip	2	Not GSR157/8
10	ACH5854	Outer seal clip	2	
11	GSJ734	Track rod end	2	Was GSJ291
12	17H3481	Gaiter	2	
13	GHF223	Nut, supplied on track rod	2	
14	2A6208	U Bolt, rack to body	2	
15	GHF222	U Bolt nut	4	
16	21A2553	Anti-friction packing piece plastic strip	2	

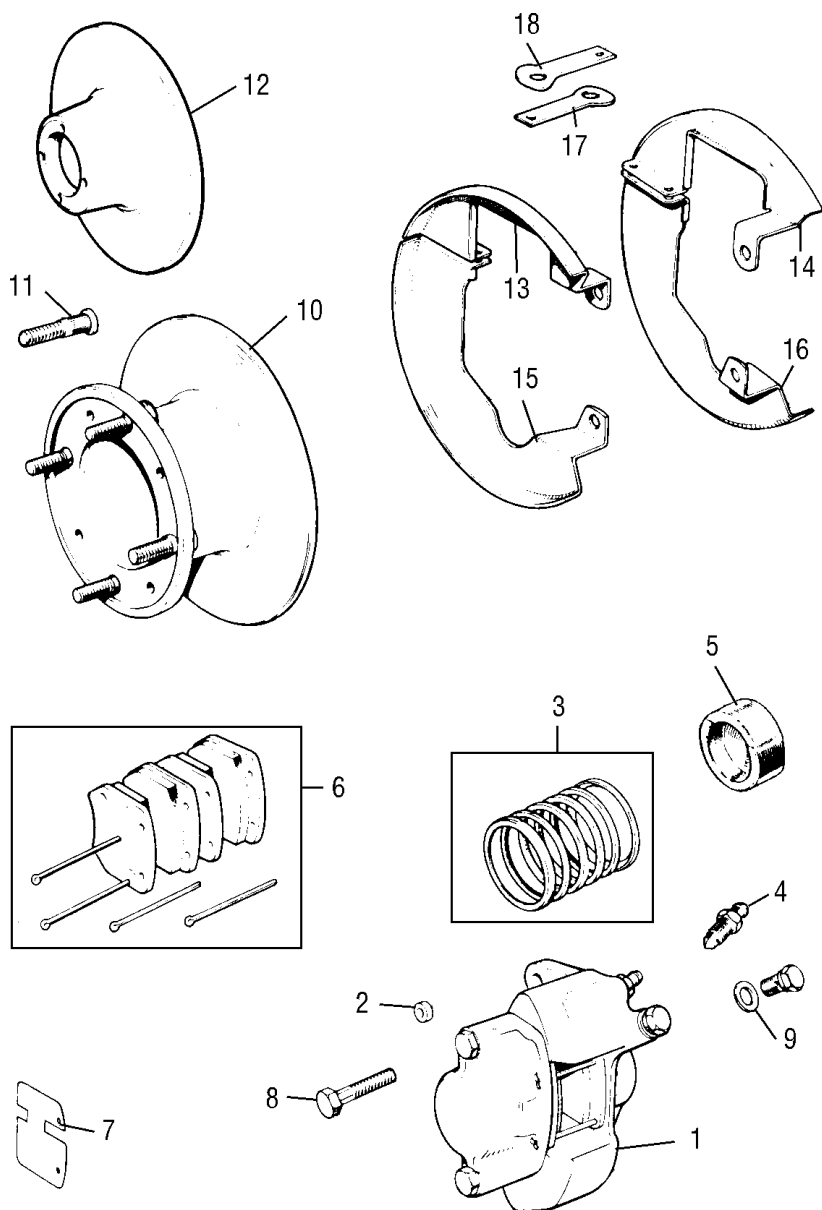
STEERING COLUMNS, LOCKS AND COWLINGS



STEERING COLUMNS, LOCKS AND COWLINGS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A1871	Inner column MK1 has recess for horn wires, NLA	1	Use 21A2069 and machine
1	21A2069	Inner column MK2	1	No steering lock
2	21A2437	Inner column when steering lock, NLA	1	Use FAM5285
3	FAM5285	Inner column	1	Steering lock
3	FAM5285MS	Inner column, non genuine	1	Steering lock
4	NAM8527	Inner column and outer column complete	1	1985 on
5	FAM2406	Steering column top bush	1	Was 31G120
5	NAM8553	Steering column top bush	1	1985 on
6	GSV1127	Steering column lower felt bush	1	Was 21A998
6	NAM8563	Steering column lower bush	1	1985 on
7	21A2066	Outer steering column	1	Non steering lock pre 1976
8	21A2436	Outer steering column	1	With steering lock pre 1976
9	21A30	Rack to body seal	1	
10	BH604111	Steering column lower pinch bolt	1	
11	GHF331	Spring washer	1	
12	GHF200	Nut	1	
13	21A2463	Clip to body bracket	1	Steering lock only
14	21A2666	Column to bracket clip	1	Steering lock only
15	51K4006	Column to clamp bolt	1	2.69" long
16	51K4002	Clip to body shear bolt	2	1.45" long
17	21H295	Nut, bracket to column	1	
18	21A2080	Actuator pin for indicators - non steering lock	1	
19	21H208	Plastic actuator clip, use 21A2661	1	1970 on
20	21A2661	Actuator for indicator switch	1	1976 on
21	18G8892	Steering lock (key enters from side), R/H/D	1	To 1976
22	BHM7107	Steering lock (key enters in front of driver)	1	1976 on
23	51K4001	Steering lock shear bolt	2	
24	8G6027	Plastic column cowl MK1	1	NLA
25	8G6035	Plastic column cowl MK2/3	1	No steering lock
25	18G8803	Plastic column cowl M2/3, CWE	1	With steering lock
26	BHM7085	Plastic column cowl MK4	1	Twin stalks
26	BHM7361	Plastic column cowl	1	ERA Turbo
27	ACH6001	Steering wheel nut	1	
28	53K3480	Shakeproof washer	1	
29	21A2252	Mini motif for steering wheel	1	CWE
30	21A2228	Clubman motif for steering wheel	1	CWE
31	21A2324	1275GT motif for steering wheel	1	NLA

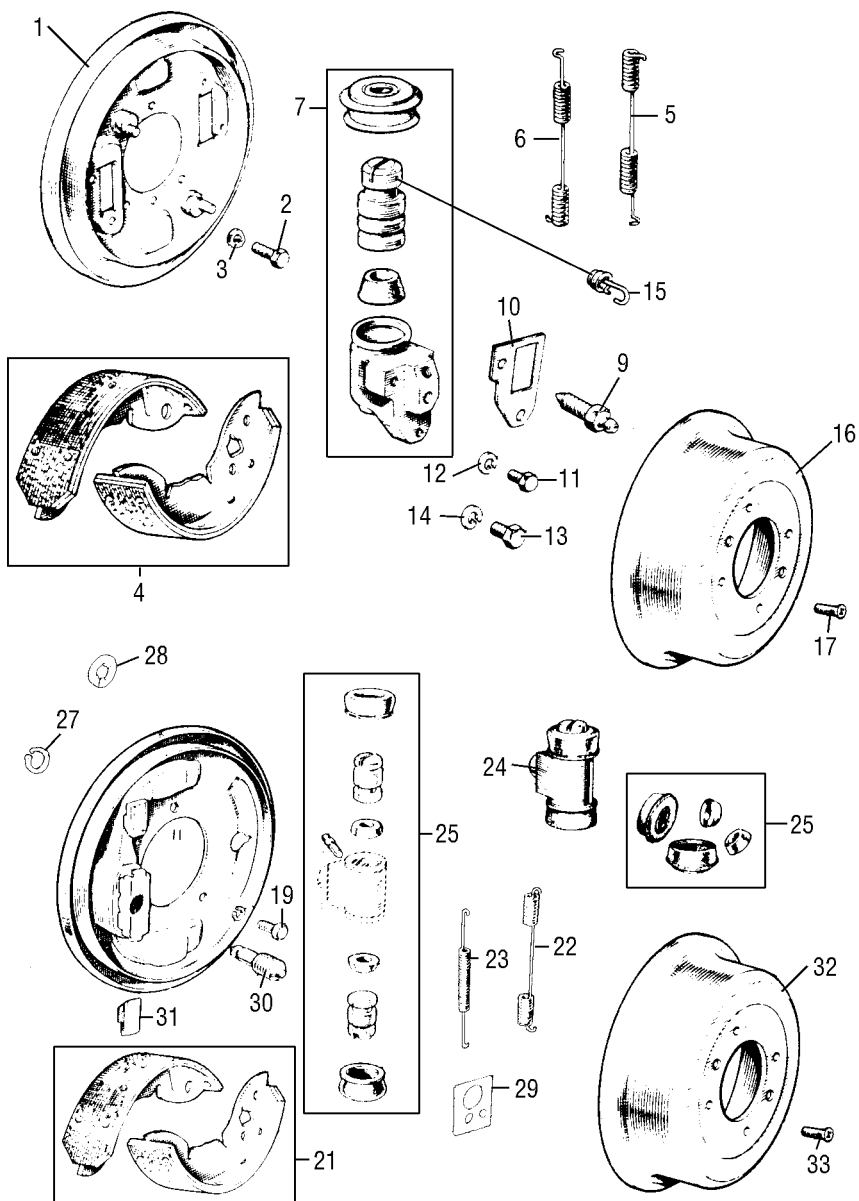
FRONT BRAKES - DISC TYPE



FRONT BRAKES (DISC TYPE)

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	27H4652	997 Cooper caliper R/H (uses 2.120" wide pad).....CWE	1	Fits 7" disc
1	27H4653	997 Cooper caliper L/H (uses 2.120" wide pad).....CWE	1	Fits 7" disc
1	27H4654	998 Cooper caliper R/H (uses 2.335" wide pad).....CWE	1	CWE fits 7" disc
1	27H4655	998 Cooper caliper L/H (uses 2.335" wide pad).....CWE	1	CWE fits 7" wide disc
1	27H4656	'S' and 1275GT caliper R/H, up to 1974	1	Fits 7.5" wide disc
1	27H4657	'S' and 1275GT caliper L/H, up to 1974	1	Fits 7.5" wide disc
1	GBC141	Late 1275GT, all 1984 models on, caliper R/H	1	Fits 8.4" wide disc
1	GBC138	Late 1275GT, all 1984 models on, caliper L/H	1	Fits 8.4" wide disc
1	GBC131	Vented type caliper, Turbo and Metro (4 pot)	1	8.4" vented disc
1	GBC132	Vented type caliper, Turbo and Metro (4 pot)	1	8.4" vented disc
2	17H8764	Seal between caliper halves 7" and 7.5" disc type	2	Cooper and 'S'
2	17H7679	Seal between caliper halves, GBC 138/141	2	8.4" disc
3	8G8587	997/998 caliper piston seal kit	2	Cooper
3	8G8830	Caliper piston seal kit for 27H4656/7	2	'S' 1275GT
3	GRK5008	Caliper piston seal kit for GBC138/141 was 8G8668	2	Late Mini/1275GT
3	GRK5003	Caliper piston seal kit for GBC131/2 was BAU1785	2	Turbo and Metro
4	3H2428	Bleed nipple, except Turbo	2	
4	RTC1466C	Bleed nipple, Turbo and Metro	A/R	
5	17H7913	Caliper piston 997/998 Cooper for 7" disc	4	1.618" diameter
5	17H8626	Caliper piston Cooper 'S' for 7.5" disc	4	1.715" diameter
5	SAAS1021	Caliper piston Metro/Turbo Mini	8	1.414" diameter
5	114713	Caliper piston for 8.4" disc (caliper GBC138/141)	4	2.0" diameter
6	GBP101	997cc pad set less pin	1	2.120" pad width
6	GBP102	998cc pad set less pin (DDB19)	1	2.335" pad width
6	GBP103	Cooper 'S' 1275GT pad set less pin	1	2.865" pad width
6	GBP281	1275GT and all Mini 1984 on (12" Roadwheel)	1	2.920" pad width
6	GBP258	Metro/Mini (4 pot caliper)	1	3.300" pad width
6	GBP90306AF	Turbo Mini and Metro	1	3.300" pad width
6	GBP90307	Latest Mini 1300 and fuel injected Cooper	1	2.920" pad width
7	17H8630	Anti squeal shim..... NLA	4	No longer required
8	53K1048	Caliper to hub bolt	4	
9	GHF332	Washer	4	
10	21A1265	Brake disc	2	7.5" diameter
10	BTA193	Brake disc, 997/998 Cooper	2	7" diameter
11	21A2064	Wheel stud	8	Not 8.4" disc
11	21A2064L	Wheel stud (.500" longer)	8	Not 8.4" disc
12	21A2612MS	Brake disc 8.4" wide	2	For 12" wheels
12	GBD496	Vented disc 8.4" wide	2	Turbo vented
13	21A1273	R/H top disc cover 7.5" disc only	1	All 'S' and early GT
14	21A1274	L/H top disc cover 7.5" disc only	1	All 'S' and early GT
15	21A1271	R/H lower disc cover 7.5" disc only	1	All 'S' and early GT
16	21A1272	L/H lower disc 7.5" disc only	1	All 'S' and early GT
13	21A2613	R/H top disc cover 8.4" disc only	1	
14	21A2617	L/H top disc cover 8.4" disc only	1	Need slight
15	21A2614	R/H lower disc cover 8.4" disc only	1	modification when
16	21A2618	L/H lower disc cover 8.4" disc only	1	used for vented disc
17	BTA1208	R/H support bracket	1	
18	BTA1209	L/H support bracket	1	
19	PMZ307	Screw to join disc shields	4	Not shown
20	GHF206	Nut for PMZ307	4	

FRONT BRAKES - DRUM TYPE



FRONT DRUM BRAKES 1964-1984 - ALL HYDROLASTIC AND DRY SUSPENSION 1964 ON

NO. PART NO. DESCRIPTION (KNOWN AS TWIN LEADING SHOES) QTY REMARKS

1	17H8145	R/H backplate, stamping number 112906RH, CWE	1	MK1 only
1	17H8159	L/H backplate, stamping number 112907LH, CWE	1	MK1 only
1	37H2013	R/H backplate, stamping number 4561-732RH	1	MK2 on
1	37H2014	L/H backplate, stamping number 4461-733LH	1	MK2 on
2	21A1299	Backplate to hub bolt	6	Was SH605051
3	GHF332	Spring washer	6	
4	GBS102MS	Brake shoe set (4 shoes)	1	1.5" wide
4	GBS733	Brake shoe set, Unipart manufacture (4 shoes)	1	1.5" wide
5	AAU8243	Brake shoe spring	1	Was 17H8184
6	AAU8243	Brake shoe spring	1	Was 17H8185
7	GWC102	R/H wheel cylinder for 17H8145 backplate .80" bore	2	MK1 only
7	GWC103	L/H wheel cylinder for 17H8159 backplate .80" bore	2	MK1 only
7	GWC126	R/H wheel cylinder for 37H2013 backplate .80" bore	2	MK2 on
7	GWC127	L/H wheel cylinder fro 37H2014 backplate .80" bore	2	MK2 on
8	8G8816	Wheel cylinder repair kit for GWC102/3	4	.8125" bore size
9	BHM7068	Wheel cylinder repair kit for GWC126/7	4	.9375" bore size
9	3H2428	Bleed nipple	2	
10	37H3833	Gasket for cylinder to backplate	4	
11	7H7250	Wheel cylinder to backplate small bolt	4	Was 7H7520
12	GHF331	Spring washer	4	
13	HZS505	Wheel cylinder to backplate large bolt	4	
14	GHF332	Spring washer	4	
15	27H3753	Cylinder to shoe spring on GWC126/7 only	4	Must be fitted
16	21A22	Brake drum	2	new BL#GBD105
17	CMZ407	Brake drum screw	4	

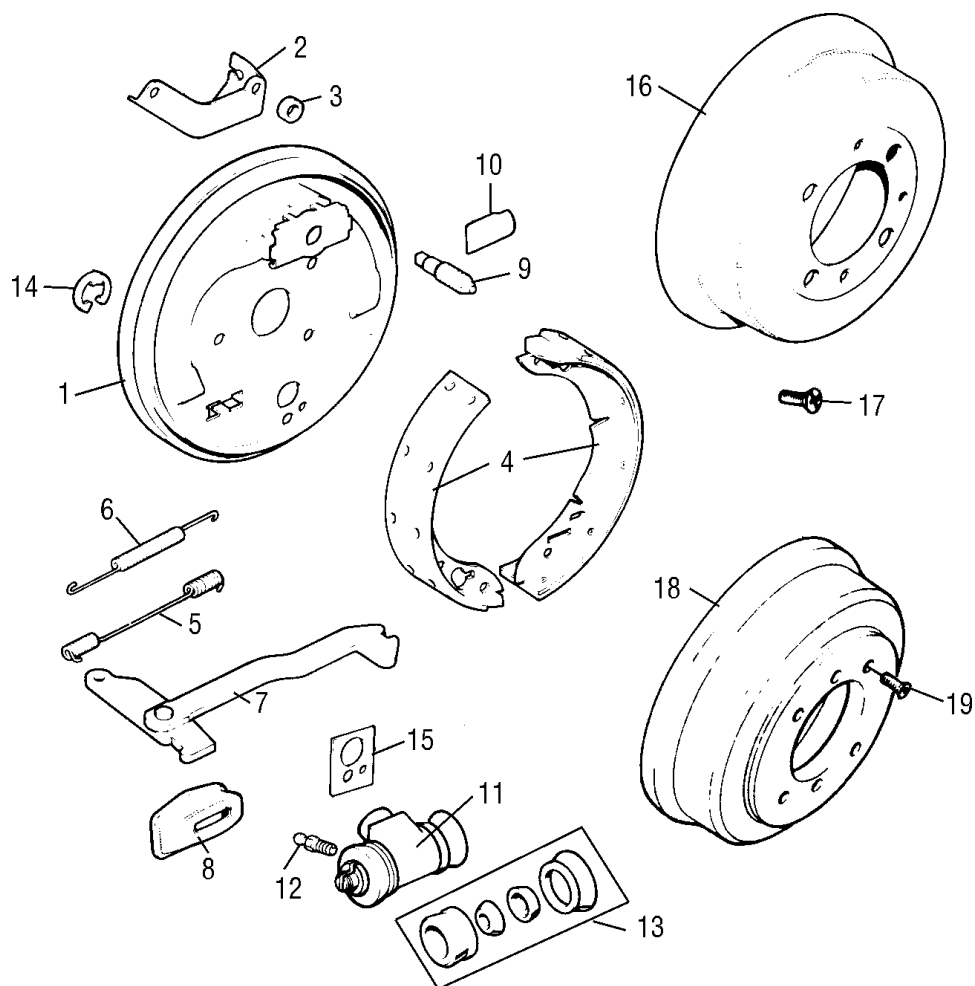
FRONT DRUM BRAKES (SINGLE CYLINDER) TO FEBRUARY 1964

BRAKES FITTED ON SALOONS UNTIL INTRODUCTION OF HYDROLASTIC SUSPENSION

NO. PART NO. DESCRIPTION (KNOWN AS SINGLE LEADING SHOE) QTY REMARKS

18	17H7615	R/H backplate, stamping number 101601RH	1	Use 17H2476
18	17H7616	L/H backplate, stamping number 101602LH	1	Use 17H2477
18	17H2476	R/H backplate, stamping number 113513	1	CWE
18	17H2477	L/H backplate, stamping number 113514	1	CWE
19	21A1299	Backplate to hub bolt	6	Was SH605051
20	GHF332	Spring washer	6	
21	GBS101MS	Brake shoe set (4 shoes)	1	1.25" wide
21	GBS701	Brake shoes set, Unipart manufacture (4 shoes)	1	1.25" wide
22	17H8092	Brake shoe spring, cylinder end	2	
23	17H7621	Brake shoe spring, adjuster end	2	
24	GWC101	Wheel cylinder	2	
25	8G8254	Wheel cylinder repair kit for GWC101 . 15/16"	2	new BL#GRK2013
26	513118	Bleed screw was 17H7623	2	
27	17H7622	Wheel cylinder to back plate locating spring	2	Use 17H7949
28	17H7949	Wheel cylinder to back plate clip	2	
29	37H4642	Wheel cylinder to plate gasket	2	
30	17H7618	Brake shoe adjuster	2	
31	17H7619	Adjuster wedge	4	
32	21A22	Brake drum	2	new BL#GDB105
33	CMZ407	Brake drum screw	4	

BRAKES - REAR

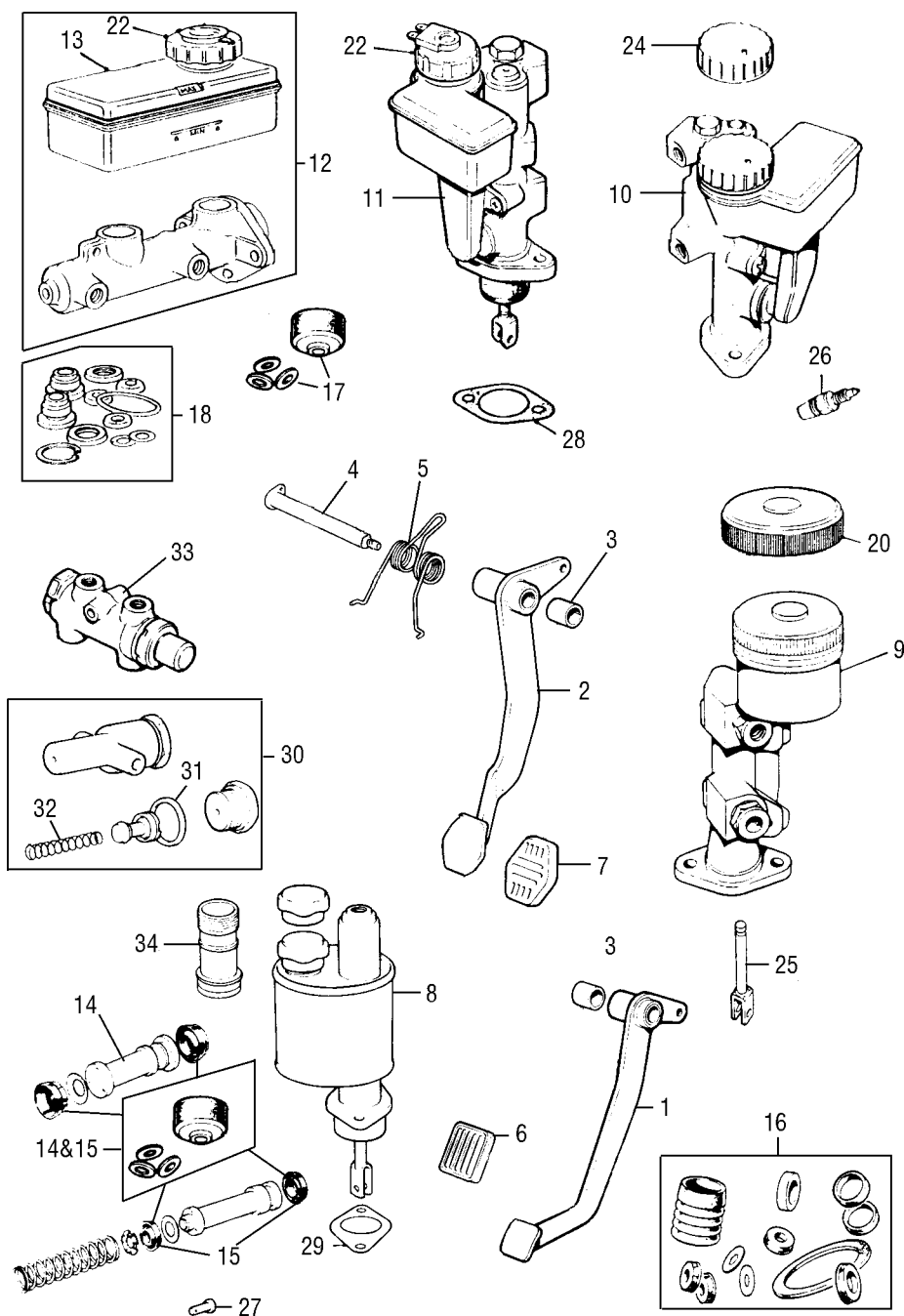


REAR BRAKES SINGLE LINE AND TANDEM

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A1058	Back plate R/H	1	
1	21A1060	Back plate L/H	1	
1	17H8075	Back plate R/H	1	For GWC1101/1129
1	17H8076	Back plate L/H	1	For GWC1101/1129
2	21A1669	Handbrake cable bracket R/H	1	
2	21A1670	Handbrake cable bracket L/H	1	
3	53K3437	Packing washer	4	
4	GBS101MS	Rear brake shoe set (4 shoes)	1	1.25" wide
4	GBS701	Genuine rear brake shoe set	1	1.25" wide
5	17H8092	Return spring, cylinder end	2	
6	17H7621	Return spring, adjuster end	2	
7	AAU4936	Brake lever arm R/H, NLA	1	Use SMN10005
7	AAU4937	Brake lever arm L/H, CWE	1	Use SMN10005
7	SMN10005	Brake lever kit (includes R/H and L/H)	1 pr	
8	17H7612	Brake lever gaiter	2	
9	17H7618	Tappet type adjuster	2	
10	17H7619	Wedge	4	
11	GWC1126	Wheel cylinder, diagonal	2	513118 bleed screw
11	GWC1129	Wheel cylinder, was 37H4641	2	513118 bleed screw
11	GWC1131	Wheel cylinder, was AAU1810, diagonal split	2	3H2428 bleed screw
11	GWC1134	Whl cyl, was 37H8074 no locating pin (Japan/Norway only) ..	2	3H2428 bleed screw
11	GWC1101	Wheel cylinder up to 1967	2	513118 bleed screw
11	GWC1102	Wheel cylinder 1967 on	2	513118 bleed screw
12	513118	Bleed screw, was 17H7623	2	
12	3H2428	Bleed screw for GWC1131/4	2	
13	BHM7015	Wheel cylinder repair kit for GWC1126	2	
13	BHM7054	Wheel cylinder repair kit for GWC1129	2	new BL#GRK2004
13	GRK2003	Wheel cylinder repair kit for GWC1131/4	2	
13	8G8801	Wheel cylinder repair kit for GWC1101	2	
13	8G8797	Wheel cylinder repair kit for GWC1102	2	new BL#GRK2014
14	17H7949	Wheel cylinder locating clip	2	
15	37H4642	Wheel cylinder to backplate gasket	2	
16	21A22	Brake drum	2	
17	CMZ407	Brake drum screw for 21A22	4	
18	21A1279	Brake drum (1" wider than 21A22)	2	'S' 1275GT and 1984 on
19	SF604121	Brake drum screw for 21A1279	4	

FOR WHEEL CYLINDER FITMENT SEE CHART WITH MASTER CYLINDER AND BRAKE LINE TYPE.

BRAKES - PEDALS AND MASTER CYLINDERS



BRAKE PEDAL AND MASTER CYLINDERS

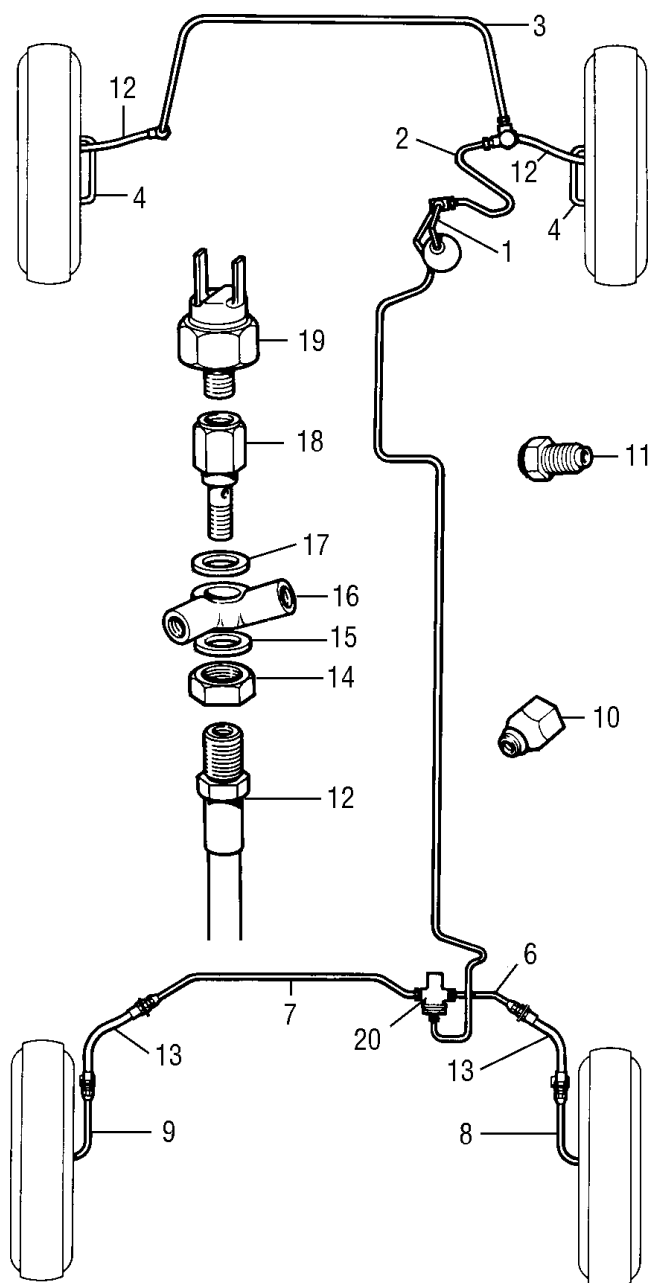
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A1065	Brake pedal R/H/D pre 1976	1	NLA
1	21A1066	Brake pedal L/H/D pre 1976	1	NLA
2	NAM3112	Brake pedal R/H/D 1976 on	1	
2	NAM3111	Brake pedal L/H/D 1976 on	1	
3	2A3034	Brake pedal bush	1	
4	2A5880	Shaft for brake and clutch pedal	1	
5	2A5652	Pedal return spring manual only	1	
6	GPR104	Pedal pad pre 1976	1	
7	GPR107	Pedal pad 1976 to 1990	1	
7	SZU10001	Pedal pad 1990 on	1	
8	GMC153	Brake master cylinder, with .75" bore	1	
8	GMC171	Brake master cylinder, with .70" bore	1	
8	GMC172	Brake master cylinder, with .70" large reservoir	1	Cooper 'S'
9	GMC159	Brake m/cylinder, with .70" bore, round reservoir, tandem	1	Front to rear
9	GMC160	Brake master cylinder, with .70" bore, round reservoir	1	Diagonal split
10	GMC167	Brake m/cyl with failure switch on body, square reservoir	1	Diagonal split
10	GMC173/198	Brake m/cyl, failure switch on body, use GMC227	1	Front to rear 1980-85
11	GMC192/195	Brake m/cylinder switch on cap, use GMC227	1	Front to rear 1980-85
11	GMC227	Brake m/cyl with failure switch on cap, November 1985 on	1	Yellow identity band
12	GMC242	Brake master cylinder for built in servo	1	
13	GRK6010	Reservoir for GMC242	1	
14	8G8258	Repair kit for GMC153	1	
14	8G8259	Repair kit for GMC171/2, one end cap seal, one ring seal	1	Rubber seals only
15	GRK1006	Repair kit for GMC171/2 with two ring seals	1	Rubber seals only
16	LSSB927	Repair kit for GMC159/160	1	
17	M1401	Repair kit for GMC167 metric thread master cylinder	1	
17	GRK1016	Repair kit for GMC173/195/198/192 (Metric union)	1	Pre yellow band
17	GRK1035	Repair kit for GMC227 (yellow identity band) (Metric union) ..	1	
18	GRK1032	Repair kit for GMC242 (Metric union)	1	
19	BAU5654	R/H/D brake pipe kit ↓ to convert to GMC227 when	1	When fitting GMC227
19	BAU5655	L/H/D brake pipe kit GMC173/195/198/192 was fitted	1	12mm lower union
20	AAU3815	Filler cap for GMC159/160	1	NLA
21	513123A	Filler cap for GMC153/171/172	1	
22	AEU1796	Filler cap with failure switch	1	
23	GRK6009	Cap and float switch for GMC242	1	
24	AAU8240	Filler cap and seal GMC167/173	1	
25	37H2769	Push rod for GMC159/160	1	
25	BAU1273	Push rod for GMC173/192/195/198	1	
26	AAU1752A	Brake failure switch on master cylinder body	1	
27	CLZ512	Clevis pin, pedal to cylinder	1	
28	31G840	Gasket under dual master cylinder	1	
29	31G279	Gasket under single line master cylinder	1	
30	13H7557	Inertia valve, L/H/D only 1969 to 1974	1	
30	21A2031	Regulator valve single line MK3 Mini 850/998 only	1	
30	21A1774	Regulator valve single line, MK1/2 plus all Cooper 'S'	1	
31	GRK6002	Repair kit for regulator valve	1	
32	37H2009	Regulator spring for 21A2031	1	
32	27H6620	Regulator spring for 21A1774	1	
33	FAM7821	PDWA valve fitted on bulkhead 1978 on	1	Tandem front to rear
34	BHA4661	Plastic extension piece, fits to master cylinder	1	Single line

BRAKE CYLINDERS

Line No.	Description	Chassis number/Year	Master Cyl.	Bore Size
1	Dry suspension Mini 1959 to chassis number	A2S7 359770	GMC153	.75" ä
2	Dry suspension Mini from chassis number	A2S7 359771	GMC102	.70" ä
3	All hydroelastic Mini MKI Minis from September 1964 on		GMC102	.70" ä
4	MKII Mini and derivatives	to C-A2S7 2332A	GMC102	.70" ä
5	MKII Mini and derivatives	C-A2S7 2333A on	GMC171	.70" ä
6	MKIII Mini October 1968 on and derivatives, single line to 1977		GMC171	.70" ä
7	997 Cooper to chassis number	(Austin) C-A2S7 213829	GMC103	.75" ä
8		(Morris) K-A2S4 213550	use GMC153	ä
9	997 Cooper	(Austin) C-A2S7 213829-382831	GMC104	.70" ä
		(Morris) M-AS4 213551-382183	Use GMC171	ä
10	997 Cooper dry & Hydroelastic	(Austin) C-A2S7 382832 on	GMC171	.70" ä
		(Morris) K-A2S4 382184 on		
11	Cooper 'S' MKI with servo 21A1293		GMC172	.70" ä
12	Cooper 'S' MKII with servo 21A1293		GMC172	.70" ä
13	Cooper 'S' MKIII, 1275GT with servo 13H7939, 10" wheels		GMC172	.70" ä
14	1275GT Single line brakes	19416-21569A (1974-76)	GMC172	.70" ä
15	1275GT Diagonal split brake system	19416-21569 on (1974-76)	GMC160	.70" ä
16	1275GT Single line brakes	21570A on (1976-77)	GMC172	.70" ä
17	1275GT Diagonal split brake system (metric fittings)	30001 on (1977-78)	GMC167	.70" ä
18	1275GT Front to rear tandem brakes (metric fittings)	1978 on	GMC227	.75" ä
19	850/998 Diagonal split (not UK)	Europe 1976-77	GMC160	.70" ä
20		Japan/Norway	GMC160	.70" ä
21	850/998/1100 Front to rear (Benelux countries) pre 1975 (Belgium built) Also fitted with 13H7757 inertia valve		GMC159	.70" ä
22	850/998 Diagonal split except van/pickup	1977-78 (1976-79 Europe)	GMC167	.70" ä
23	850/998 Front to rear	October 1978 on (1980-84 Europe)	GMC227	.75" ä
24	Mini van/pickup diagonal split (Metric fittings)	1977 on	GMC167	.70" ä
25	998 Mini front to rear brake system (Metric fittings)	1984 on	GMC227	.75" ä
26	Innocenti (1275GT not UK) front to rear, 10" wheels w/AXE244 servo Plus Cooper 'S' MKIII export with 13H7757 inertia valve		GMC159	.70" ä
27	998/1300 Latest 1990 Mini with built in servo GSM119		GMC242	1.125" ä
28	ERA Turbo with built in servo GSM119		GMC242	1.125" ä

Line No.	Front caliper or cylinder	Bore/disc	Rear wheel cylinder	Bore cast size	No.	Regulator valve
1	GWC101	.9375"	GWC1102	.750"	12	21A11774
2	GWC101	.9375"	GWC1101	.625"	10	21A11774
3	GWC102/3	.800"	GWC1101	.625"	10	21A11774
4	GWC126/7	.9375"	GWC1102	.75"	12	21A11774
5	GWC126/7	.9375"	GWC1102	.75"	12	21A11774
6	GWC126/7	.9375"	GWC1102	.75"	12	21A11774
7	27H4652	7" disc	GWC1102	.75"	12	21A11774
8	27H4653	GBP101 pad				
9	27H4652 27H4653	7" disc GBP101 pad	GWC1102	.75"	12	21A11774
10	27H4654 27H4655	7" disc GBP102 pad	GWC1101	.625"	10	21A11774
11	27H4656/7	7.5" disc	GWC1101	.625"	10	21A11774
12	27H4656/7	7.5" disc	GWC1102	.75"	12	21A11774
13	27H4656/7	7.5" disc	GWC1101	.625"	10	21A11774
14	GBC138/141	8.4" disc	GWC1129	.6875"	11	21A11774
15	GBC138/141	8.4" disc	GWC1129	.6875"	11	None
16	GBC138/141	8.4" disc	GWC1126	.500"	8	21A11774
17	GBC138/141	8.4" disc	GWC1126	.500"	8	None
18	GBC138/141	8.4" disc	GWC1102	.750"	12	FAM7821
19	GWC126/7	.9375"	GWC1126	.500"	8	4 way switch,
20	GWC126/7	.9375"	GWC1134	.5625"	6	13H5905
21	GWC26/7	.9375"	GWC1102	.750"	12	4 way switch, 13H5905
22	GWC126/7	.9375"	GWC1131	.5625"	9	None
23	GWC126/7	.9375"	GWC1102	.750"	12	FAM7821
24	GWC126/7	.9375"	GWC1102	.750"	12	None
25	GBC138/141	8.4" disc	GWC1102	.750"	12	FAM7821
26	27H4656/7	7.5" disc	GWC1129	.6875"	11	4 way switch, 13H5905
27	GBC138/141	8.4" disc	GWC1102	.750"	12	FAM7821
28	GBC131/2	8.4" vented	GWC1131	.5625"	9	None

BRAKE PIPES - SINGLE SYSTEM



SINGLE LINE BRAKE PIPES

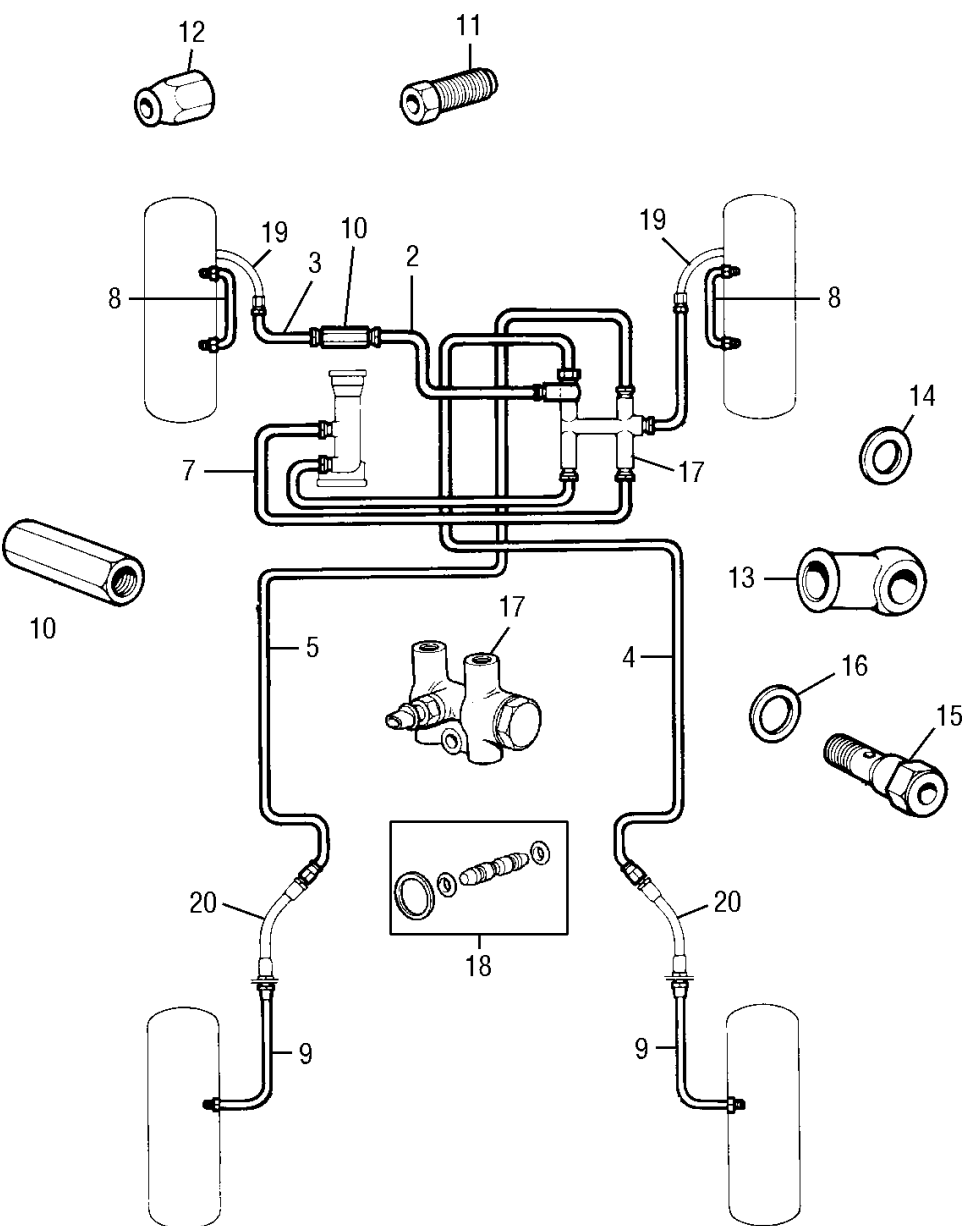
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	SPA14	Master cylinder to 3 way connection R/H/D 13"	1	
1	SPA32	Master cylinder to 3 way connection L/H/D 32"	1	
2	SPA18	3 way connection to R/H front hose	1	ACB8748
3	SPA44	R/H front to L/H front HF44, 43"	1	
4	SPA9	Connecting pipe, cylinder to cylinder	1	HF10
5	SPA101	3 way to regulator valve, saloon	1	HF101
5	SPA104	3 way to regulator valve, van	1	HF105
6	SPB6	Regulator valve to R/H rear hose, dry suspension	1	HD6
6	SPB8	Regulator valve to R/H rear hose, hydrolastic suspension	1	HD8
7	SPB24	Regulator valve to L/H rear hose, dry suspension	1	HD24
7	SPB26	Regulator valve to L/H rear hose, hydrolastic suspension	1	HD26
8	SPB10	R/H rear hose to wheel cylinder, dry suspension	1	HD10
8	21A1621	R/H rear hose to wheel cylinder, hydrolastic suspension	1	HD8
9	21A222	L/H rear hose to wheel cylinder, dry suspension	1	HD10
9	SPB8	L/H rear hose to wheel cylinder, hydrolastic suspension	1	HD8
10	11D5050	Brake pipe female union UNF thread	A/R	
11	3H2249	Brake pipe male union UNF thread	A/R	
12	GBH174	Front brake hose	2	Discs
12	GBH170	Front brake hose	2	Drum brakes
13	GBH173	Rear brake hose	2	
14	21A228	Nut for locking hose R/H	1	
14	2K8686	Nut for locking hose L/H	1	
15	233220A	Hose to banjo washer (also on front brake hose)	A/R	
16	11D5263	2 way 90° union UNF thread	1	
17	3H550	Gasket washer	1	
18	7H7995	Banjo bolt to accept switch	1	
19	C16062	Brake light switch	1	
20	21A2031	Regulator valve, 850/998 only MK3	1	
20	21A1774	Regulator valve, MK1/2 plus all Cooper 'S'	1	
	18G8073	Repair kit for 21A1774 and 21A2031	1	
	GB5001	Brake pipe kit, dry suspension without servo	1	
	GB5002	Brake pipe kit, dry suspension with servo	1	
	GB5001H	Brake pipe kit, hydrolastic suspension without servo	1	
	GB5002H	Brake pipe kit, hydrolastic suspension with servo	1	
If servo is fitted:-				
		Servo to 3 way 24"	1	R/H/D
		Master to servo 30"	1	R/H/D
		Master to servo 43"	1	L/H/D

HF & SPA prefix denotes male unions both end.

HD & SPB prefix denotes one male union end and one female union end.

Number after prefix denotes length in inches, ie. SPA10 = male unions at both ends 10" long.

BRAKE PIPES - DIAGONAL SPLIT SYSTEM



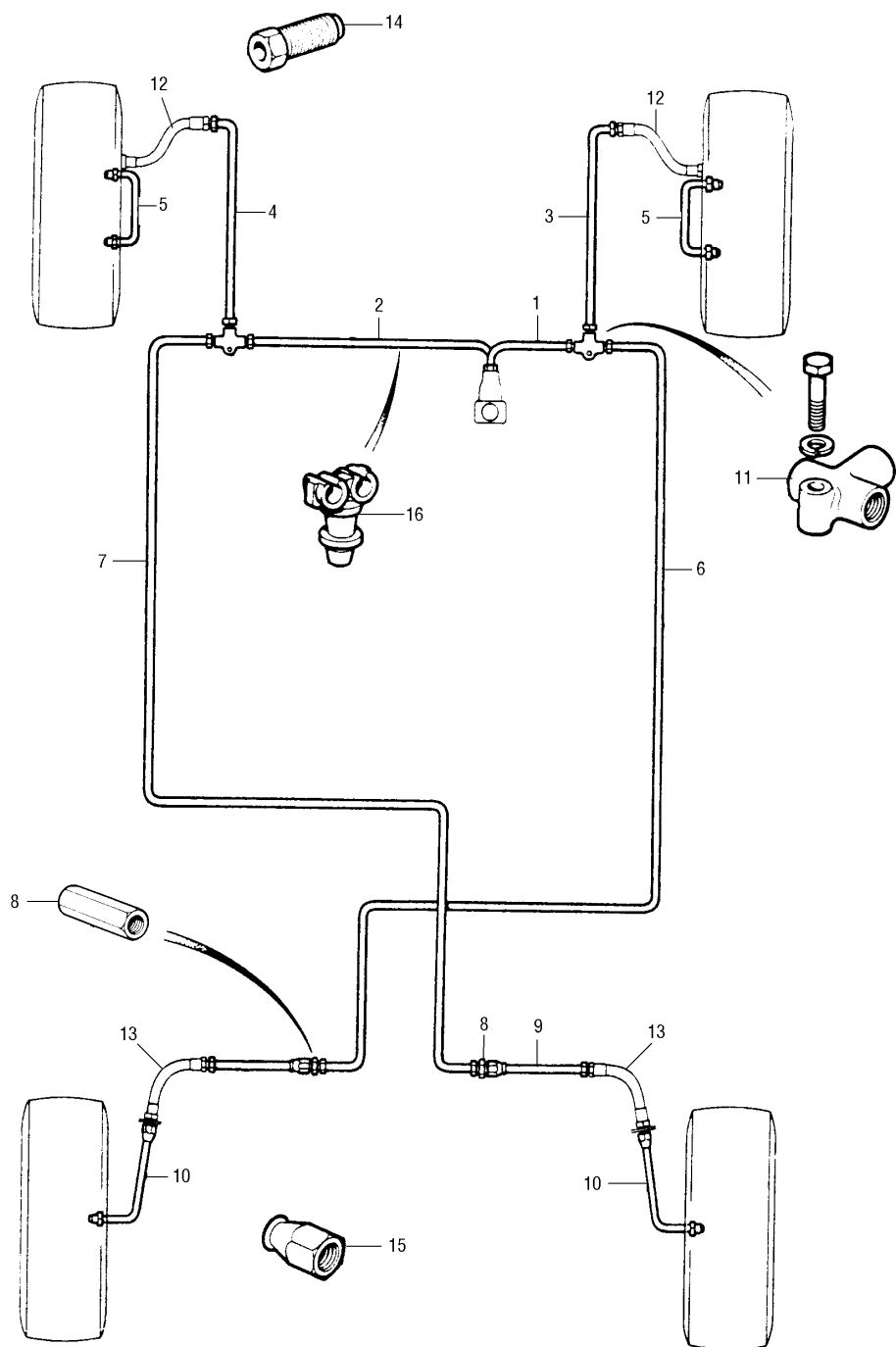
DIAGONAL SPLIT SYSTEM WITH 4 WAY FAILURE SWITCH

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	SPA17	4 way to R/H front hose 16"	1	HF17
2	SPA29	4 way to BCA4002 connector 29"	1	HF28
3	SPA17	073-1100 connector to L/H/F hose 17"	1	HF17
4	SPB96	4 way to R/H rear hose 96" (101" van)	1	HD96
5	SPB116	4 way to L/H rear hose 116" (120" van)	1	HD116
6	SPA30	4 way to master cylinder L/H/D 30"	1	HF30
6	SPA9	4 way to master cylinder R/H/D 8.5"	1	HF9
7	SPA32	4 way to master cylinder L/H/D 32"	1	HF32
7	SPA10	4 way to master cylinder R/H/D 9.5"	1	HF10
8	SPA10	Bridge pipe between wheel cylinders	2	HF10 · Drum brakes only
9	SPB10	Rear hose to wheel cylinder	2	HD10
10	073-1100	Pipe connector UNF thread	1	BCA4002
11	TM606031	Male union UNF thread	A/R	
12	TN606031	Female union UNF thread	A/R	
13	7H7853	Banjo for 4 way failure switch	1	NLA
14	233220	Copper washer	1	
15	21A2518	Banjo bolt for failure switch	1	NLA
16	3H550	Copper washer for 21A2518	1	
17	13H5905	4 way failure switch	1	NLA
18	BAU1704A	Repair kit for 13H5905	1	
19	GBH170	Front brake hose	2	Drum brakes
19	GBH174	Front brake hose	2	Disc brakes
20	GBH173	Rear hose	2	

HF & SPA Denotes male unions at both ends

HD & SPB Denotes one male union end and one female union end

BRAKE PIPES - DIAGONAL SPLIT R/H/D



DIAGONAL SPLIT R/H/D

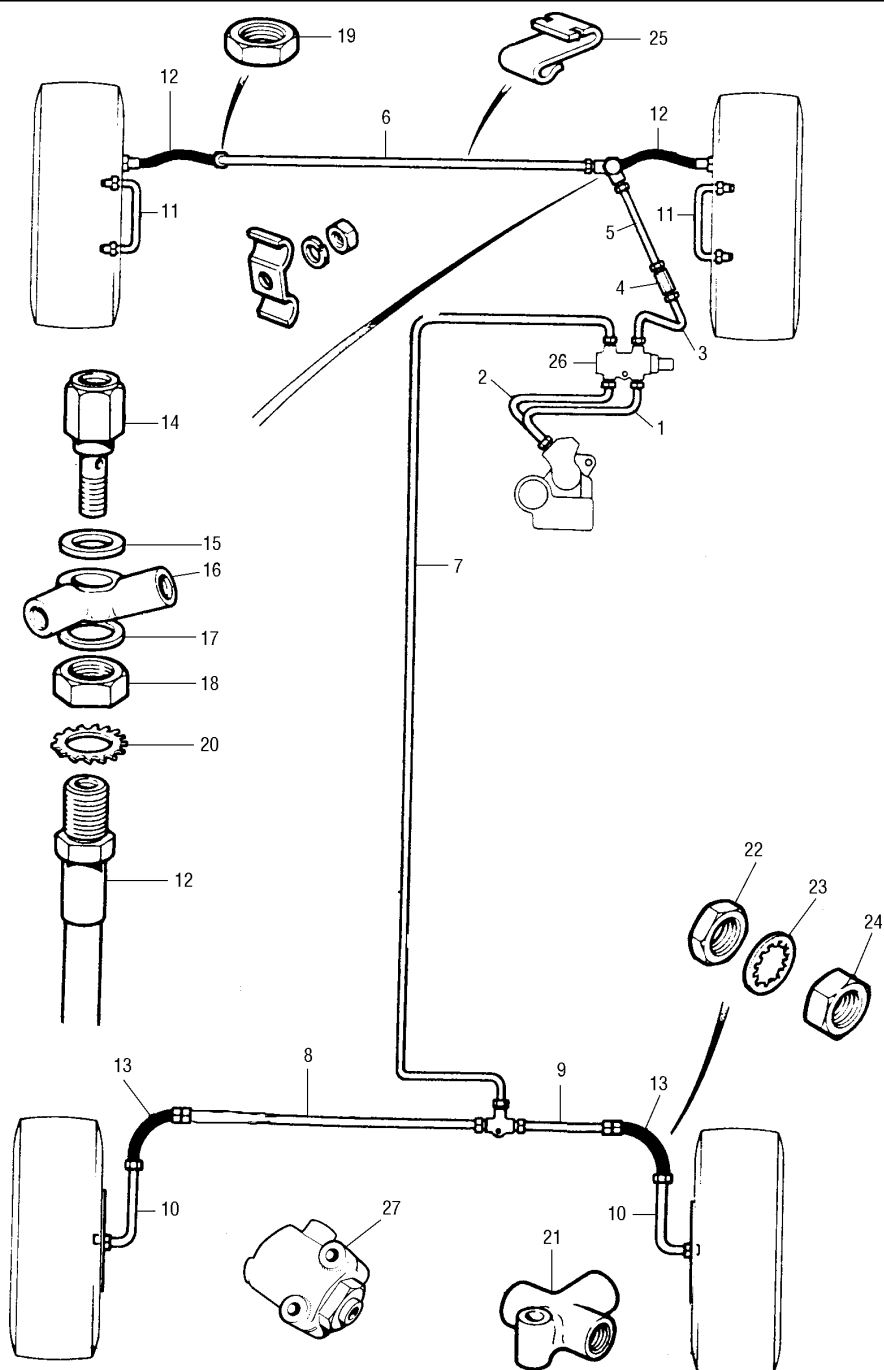
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	HF10	Master cylinder to front 3 way R/H 9.5"	1	
2	HF32	Master cylinder to front 3 way L/H 32.5"	1	
3	HF17	R/H 3 way to front R/H hose 16.5"	1	
4	HF19	L/H 3 way to front L/H hose 18.5"	1	
5	HF10	Cylinder to cylinder bridge pipe 10"	2	
6	HMV118	R/H 3 way to rear L/H connector 117.5"	1	Saloon
6	HMV122	R/H 3 way to rear L/H connector 121.5"	1	Van
7	HMV114	L/H 3 way to rear R/H connector 113.5"	1	Saloon
7	HMV118	L/H 3 way to rear R/H connector 117.5"	1	Van
8	BMK2466A	Connector tube, metric (delete on new brake pipe kit)	2	
9	HMO8	Connector tube to rear hose 7"	2	
10	HD10	Wheel cylinder to hose	2	
11	3H2424	3 way connector	2	
12	GBH170	Front brake hose	2	Drum brakes
12	GBH249	Front brake hose	2	Disc brakes
13	GBH250	Rear brake hose	2	
14	TM606031	Male union UNF thread	A/R	
14	TM110051	Male union metric was BHA5234	A/R	
15	TN606031	Female union UNF thread	A/R	
15	TN110051	Female union metric thread was 13H9325	A/R	
16	13H9593	Clip, brake pipe to dash	A/R	
	GB5014	Complete brake pipe kit	1	

CODE PREFIX TO HELP IDENTIFY ENDS ON BRAKE PIPES

HD	UNF male end and female UNF end
HF	UNF male end and UNF male end
HMO	Metric male end and UNF female end
HMV	Metric male end and UNF male end
HMV	Male metric and male UNF
HMK	Male metric and male metric
HML	Male metric and female metric
HX	Female UNF and female metric
HMA	Male UNF and female metric
HMO	Metric male and UNF female

The number following the prefix = length in inches, ie. HF10 is UNF male both ends and 10" long. For example, if changing pipe number 6 and you are deleting number 8 (BMK2466A connector) you would then require a pipe with one male end and one female end both UNF. This is a HD type and would need to be the original length of 117.5" plus 1" for the connector, plus 7" for the number 9 pipe, which equals 125.5", therefore, HD126 which is in the brake pipe kit would service those parts.

BRAKE PIPES - FRONT TO REAR



BRAKE PIPES - FRONT TO REAR

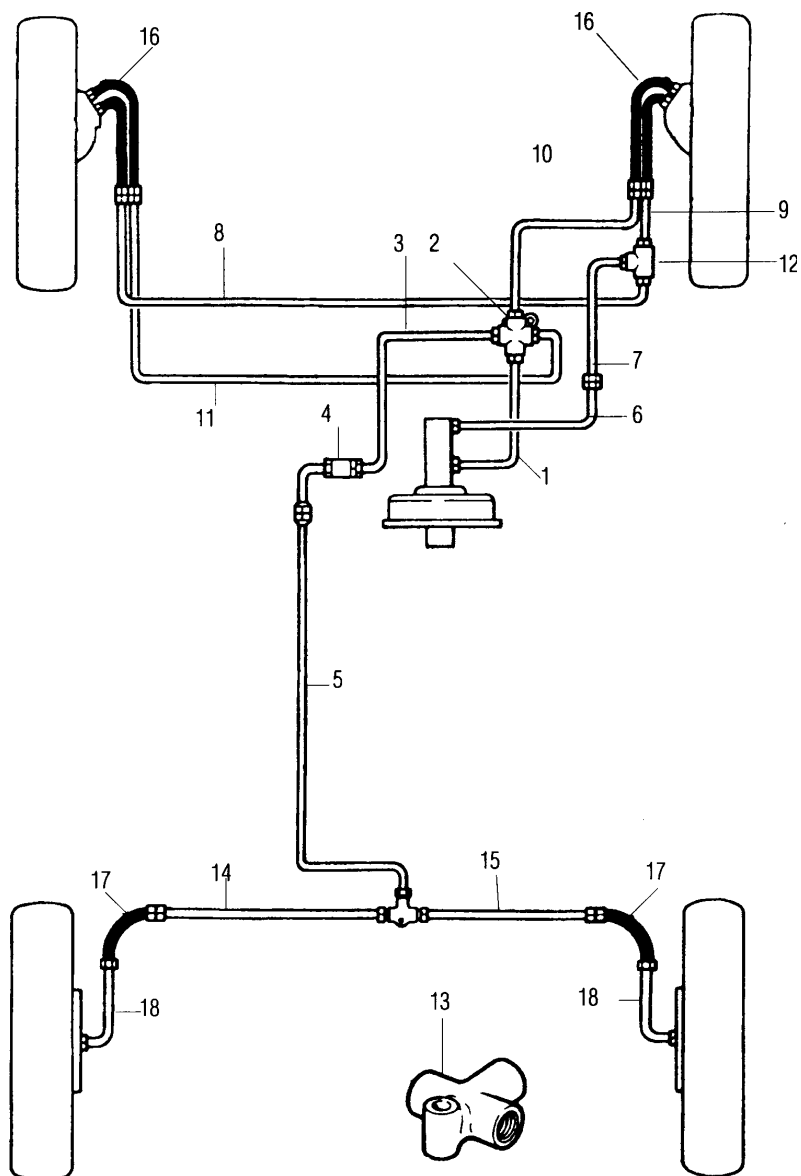
NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	HMK9	Master cylinder to PDWA (part of BAU5654 kit)	1	No servo
1	HMK11	Master cylinder to PDWA	1	With servo
2	HMK14	Master cylinder to PDWA (part of BAU5654 kit)	1	No servo
2	HMK26	Master cylinder to PDWA	1	With servo
3	HMK8	PDWA to BMK2466A connector	1	
3	HML8	PDWA to number 5 when connector number 4 deleted	1	Servo type
4	BMK2466A	Metric female connector	1	Can be omitted
5	HMV11	Connector to front hose Banjo	1	
5	HMV13	When number 4 connector is deleted use this pipe	1	
6	HF44	Front hose bridging pipe	1	
7	HMV102	PDWA to rear T piece junction	1	No servo
7	HMV96	PDWA to rear T piece junction	1	With servo
8	HF25	3 way piece to N/S/R hose	1	
9	HF6	3 way piece to O/S/R hose	1	
10	HD10	Wheel cylinder to hose rear	2	
11	HF10	Front wheel cylinder bridge pipe	2	Drum brakes only
12	GBH170	Front brake hose	2	Drum brakes only
12	GBH249	Front brake hose	2	Disc brakes
13	GBH250	Rear brake hose	2	
14	C5192	Banjo bolt	1	
15	3H550	Gasket washer	1	
16	21A654	Connecting Banjo UNF	1	
17	233220A	Hose to Banjo gasket	1	
18	21A228	Nut for locking hose to subframe R/H	1	
19	2K8686	Nut for locking hose to subframe L/H	1	
20	WE600101	Lockwasher	2	
21	3H2424	3 way union UNF thread	1	
22	NT606041	Hose to radius arm nut	4	
23	GHF323	Washer for NT606041	4	
24	GHF202	Nut	4	
25	11K9181	Clip, pipe to subframe	2	
26	FAM7821	Pressure differential warning activator	1	1978 on
26	13H5905	4 way failure switch	1	Up to 1975 L/H/D
27	13H7757	Inertia valve, MK3 L/H/D where applicable	1	Up to 1975 L/H/D
	GB4999	Brake pipe kit	1	

Code prefix to help identify ends on brake pipes.

Number following prefix = length in inches, ie. HMK9 = metric males union both ends 9" long.

HF	Male UNF and male UNF ends
HD	Male UNF and female UNF end
HMK	Male metric and male metric ends
HML	Male metric and female metric ends
HMV	Male metric and male UNF

BRAKE PIPES - ERA TURBO

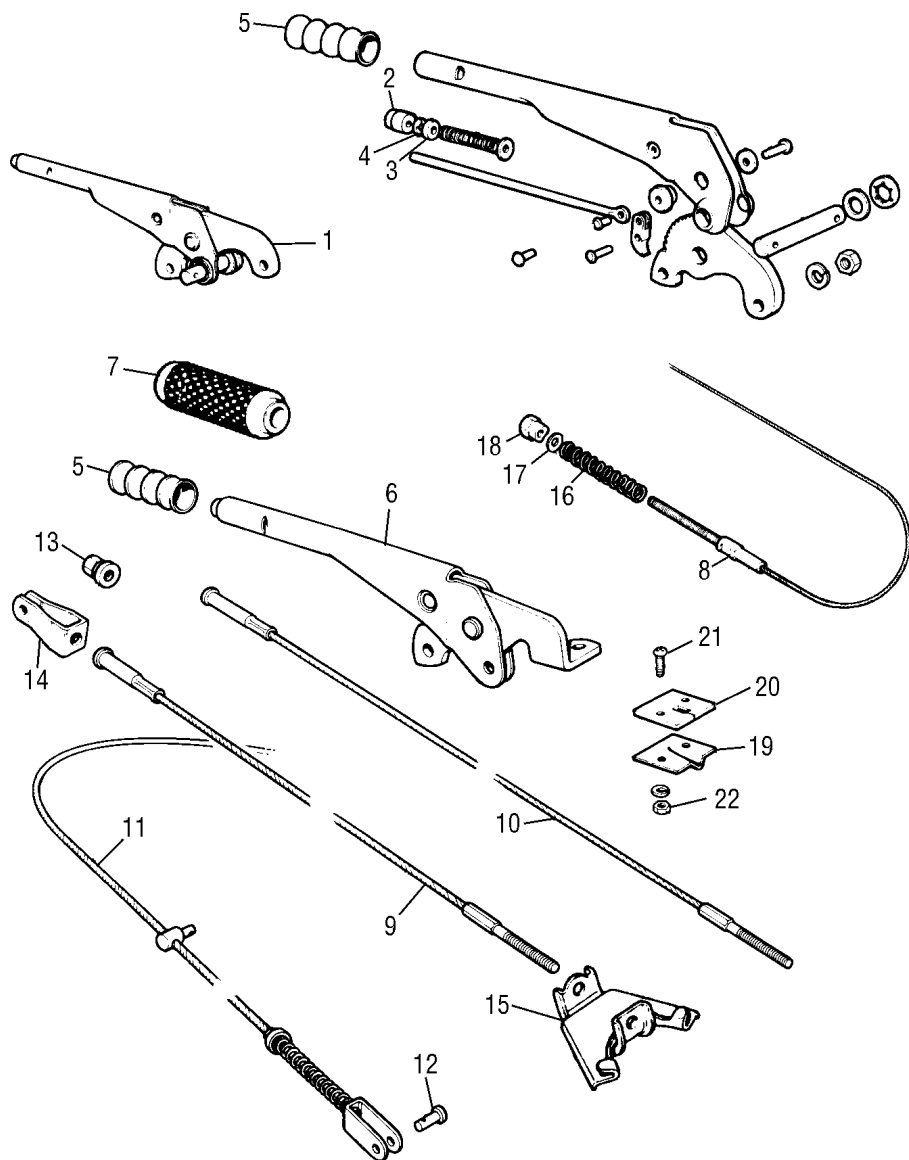


BRAKE PIPES ERA TURBO ONLY

(PARTS TO SPECIAL ORDER ONLY - SUBJECT TO AVAILABILITY)

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	HMK36	Servo to 4 way 36" long	1	
2	ERA1171	4 way union	1	
3	ERA1195	4 way to reducer valve	1	
4	ERA1053	Reducing valve (price at 1992 £41.50)	1	
5	ERA1194	Reducing valve to 3 way	1	
6	HMK18	Servo to joiner 17.5" long	1	
7	ERA1056	Joiner to front 3 way	1	
8	ERA1057	3 way to L/H front hose	1	
9	ERA1058	Front 3 way to R/H hose	1	
10	ERA1131	4 way to R/H front hose	1	
11	ERA1132	4 way to L/H front hose	1	
12	ADU9562	3 way connector	1	
13	3H2424	Rear 3 way connector UNF	1	
14	HF26	Rear 3 way to L/H hose	1	
15	HF6	Rear 3 way to R/H hose	1	
16	GBH246	Front brake hose	4	
17	GBH249	Rear hose	2	
18	HD10	Hose to rear cylinder	2	

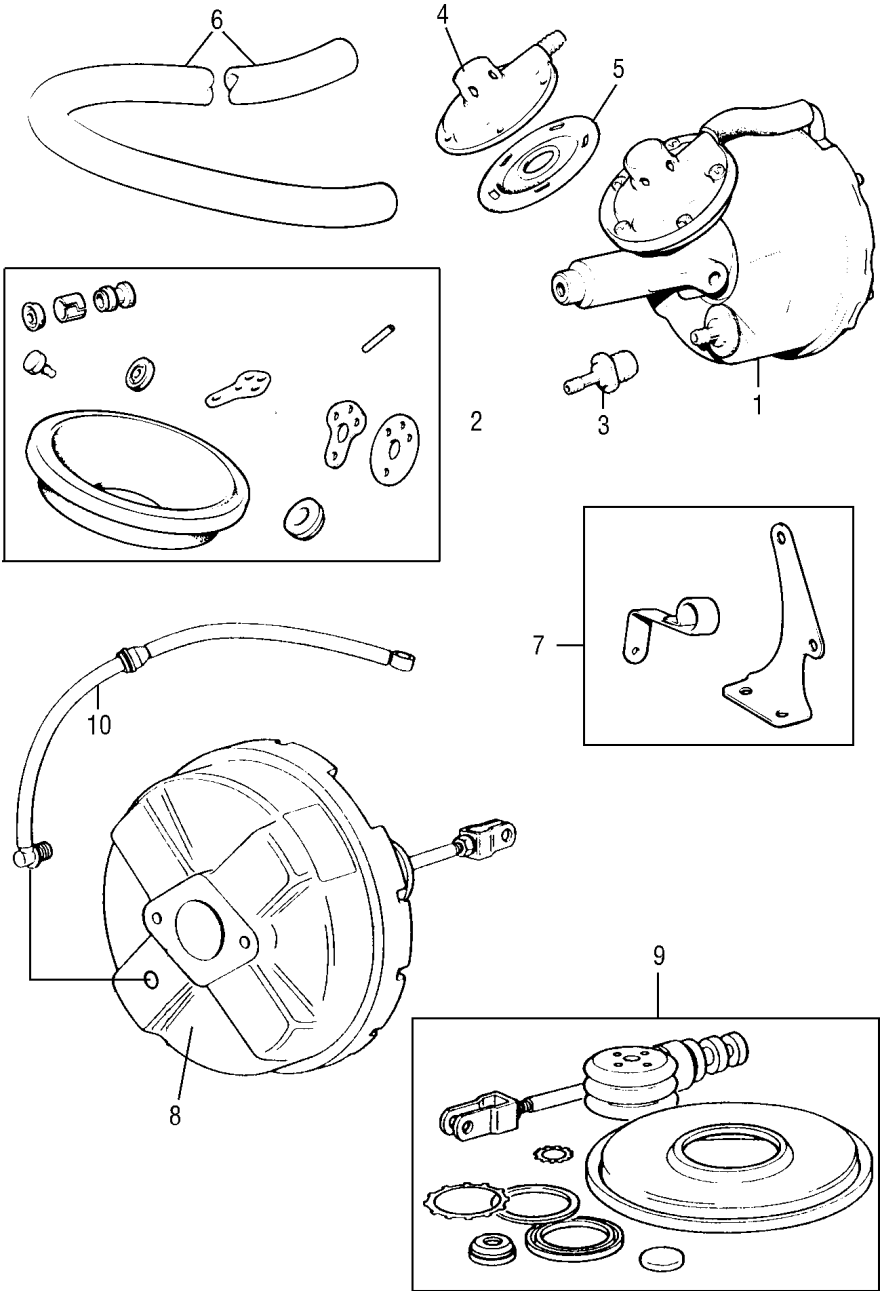
HANDBRAKE LEVER AND CABLES



HANDBRAKE LEVER AND CABLES

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	FAM9060	Handbrake lever, twin cable	1	To 1976
2	21A907	Release knob for FAM9060 only	1	
3	21G5042	Anti rattle felt washer	1	Special order
4	13H4217	Starlock washer for rod	1	Special order
5	13H5541	Handbrake grip, NLA use FAM8356	1	
6	NAM6491	Handbrake lever, single cable	1	1976 on
7	FAM8356	Handbrake grip	1	
8	GVC1022	Handbrake cable, dry suspension saloon	2	When FAM9060 fitted
8	GVC1020	Handbrake cable, van, estate, pick-up	2	When FAM9060 fitted
8	GVC1021	Handbrake cable, hydrolastic suspension	2	When FAM9060 fitted
9	GVC1035	Handbrake cable, front saloon	1	When NAM6491 fitted
10	FAM625	Handbrake front cable van, estate, pick-up	1	When NAM6491 fitted
11	GVC1034	Handbrake rear cable, wheel to wheel	1	When NAM6491 fitted
12	CLZ409	Clevis pin	2	
13	31G5049	Adjusting nut - front cable to fork end	1	When NAM6491 fitted
14	FAM628	Fork end	1	When NAM6491 fitted
15	FAM621	Compensator where cables meet	1	When NAM6491 fitted
16	ACH8508	Adjusting spring	2/1	Quantity reduced NAM6491
17	PWZ204	Washer	2/1	Quantity reduced NAM6491
18	2A5858	Adjusting nut (twin cable only)	2	When NAM9060 fitted
19	ACA5522	Fair lead for cable	2/1	Quantity reduced NAM6491
20	21A385	Sealing pad for fair lead	2/1	Quantity reduced NAM6491
21	SE910201	Screw was PMZ310	4/2	Quantity reduced NAM6491
22	GHF206	Nut for screw	4/2	Quantity reduced NAM6491

BRAKE SERVO UNITS



BRAKE SERVO UNIT REMOTE TYPE

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	21A1293	Servo assembly MK1/2 'S'	1	NLA
1	13H7939	Servo MK3 'S' used on conversion for all Minis	1	Single line only
2	18G8189	SSB1036 servo repair kit for 21A1293	1	
2	18G8938	Servo repair kit for 13H7939	1	
3	17H2646	Non return valve on 21A1293 servo	1	CWE
3	606030A	Non return valve on 13H7939 servo	1	
4	37H3812	Air valve cover and filter	1	NLA
5	517729	Air valve diaphragm for 13H7939 servo	1	
5	17H8834	Air valve diaphragm for 21A1293 servo	1	NLA
6	SPL116	Brake servo hose, per foot	A/R	
7	21A1294	Pair of servo brackets for 21A1293	1	MK1/2
7	21A2254	Pair of servo brackets for 13H7939	1	MK3
	MSSK7	Servo fitting kit for 13H7939 to all Minis	1	NOT SHOWN

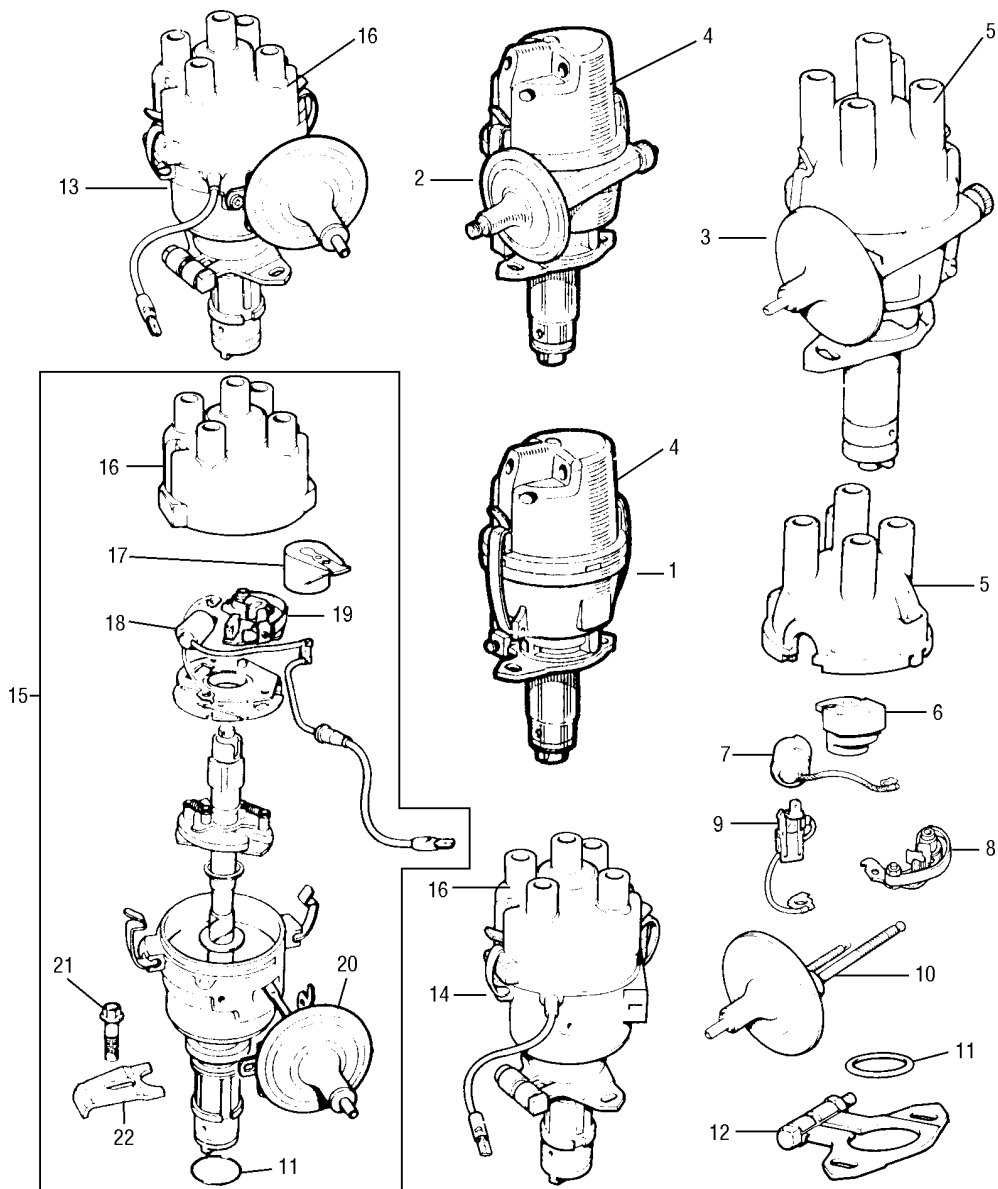
BRAKE SERVO (NON REMOTE) ATTACHED TO MASTER CYLINDER 1989 ON

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
8	GSM119	Servo	1	
9	GSM120	Repair kit	1	
10	NAM8568	Pipe with return valve	1	
10	SQB10036	Pipe with return valve	1	Fuel injected

GUIDE TO TYPE OF SERVO AND KIT REQUIRED

18G8189	7" diaphragm with 0.5625" central hole	1	For 21A1293
18G8938	6.75" diaphragm with 2.4" central hole	1	For 13H7939

DISTRIBUTORS



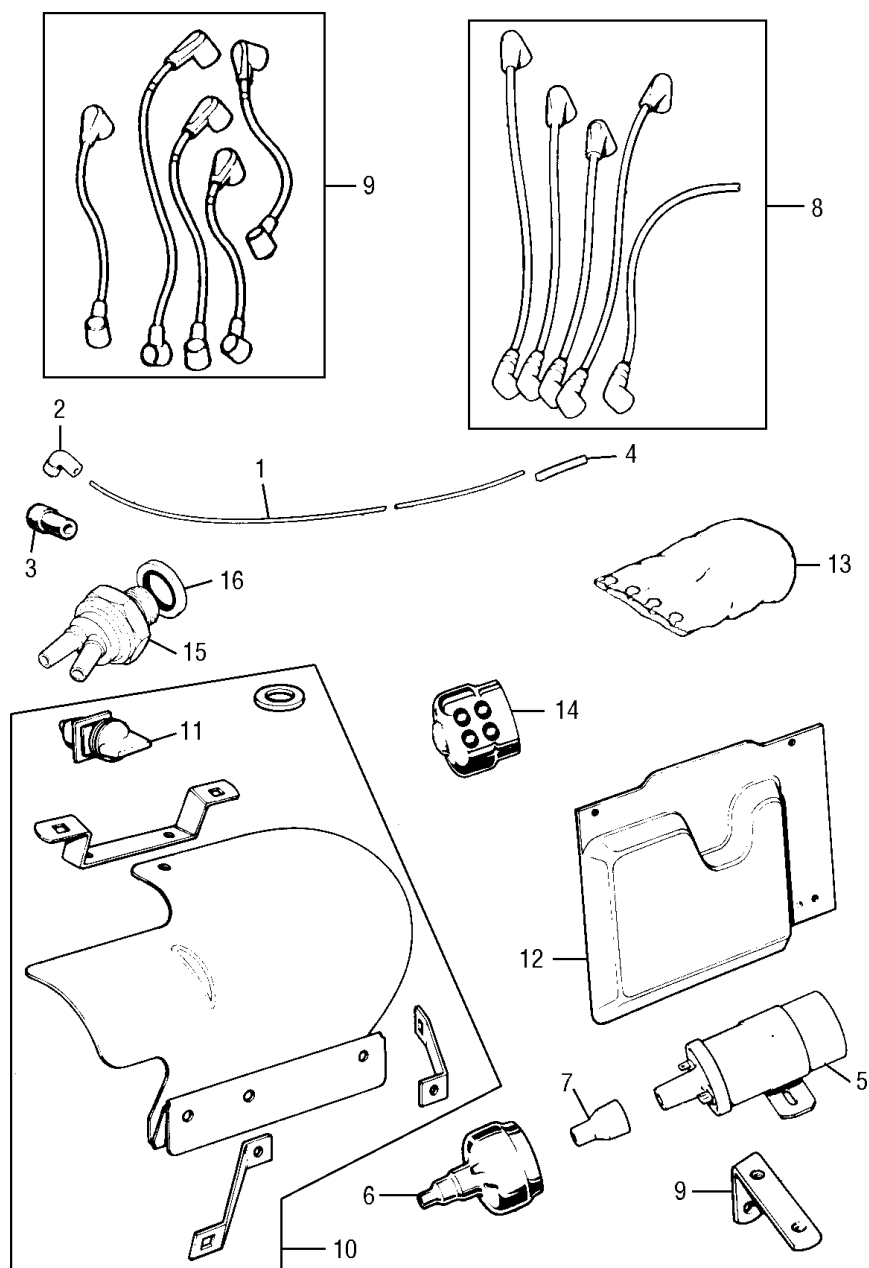
DISTRIBUTORS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	40819/REPRO	25D 'S' distributor (40819)	1	NLA
2	GEU930	25D Distributor	1	NLA
3	32H188	25D Distributor 850/998cc use BAU1962	1	NLA
4	DC1	25D Type side entry distributor cap	1	
5	DC6	25D Top entry distributor cap	1	
6	RA1/DRB101	25D Type rotor arm	1	Pre 1974
7	C1/DCB101	25D Condenser	1	Pre 1974
8	GCS101	25D Contact set	1	Pre 1974
8	C59/GSC111	25D Contact set Cooper 'S'	1	32oz spring
9	54413549	Low tension bush and lead	1	
10	54414868	Vacuum unit	1	25D4
11	188639	'O' ring on spindle	1	
12	501134	Plate for retaining distributor pre 1981	1	CWE
13	GEU977	45D Distributor with vacuum unit	1	Pre A plus
13	41404	45D Distributor 1275GT	1	Pre A plus
14	BAU1850	45D Distributor no vacuum unit 'S' spec	1	Pre A plus
15	41979	45D Distributor A plus, 998cc	1	
15	ADU5789	45D Lead free A plus, 998cc	1	
15	ADU4049	59D Lucas distributor, 998cc	1	
16	GDC136	45D/59D Lucas distributor cap top entry	1	
16	GDC214	Ducellier distributor cap	1	
16	DOB194	Lucas distributor cap side entry, alternative to GDC136	1	
16	GDC156	Lucas distributor cap (held on by 2 bolts)	1	Electric ignition
17	RA4/DRB104	Lucas rotor arm	1	1974 on Lucas
17	GRA2123	Ducellier rotor arm	1	
17	GRA2128	Rotor arm for GDC142	1	
17	GRA2143	Rotor arm	1	Electric ignition
18	GSC2109	45D/59D Lucas condenser	1	1974 on
18	GSC2113	Ducellier condenser	1	
19	GCS2118	45D Lucas contact set	1	1974 to 1980
19	GCS2111	45D Lucas contact set Cooper 'S'	1	
19	GCS2124	59D Lucas contact set	1	1980 on
19	GCS2119	Ducellier contact set	1	
20	37H8225	45D Lucas vacuum unit	1	Pre 1976
20	37H8414	45D/59D Lucas vacuum unit, 45D 1976 on	1	59D 1980 on
20	37H8379	45D vacuum unit 1275GT	1	
20	BAU5252	Ducellier vacuum unit	1	
21	CAM6105	Clamp bolt for fixing A plus distributor to 1985	1	
21	TAM1706	Clamp bolt for fixing A plus distributor	1	1985 on
22	613857A	Clamp for A plus distributor to 1985	1	
22	TAM1671	Clamp for A plus distributor	1	1985 on

REPLACEMENT RANGE FOR ROAD/OR MODIFIED ENGINE FROM 45D TYPE DISTRIBUTORS

13	C-27H7766	Distributor with vacuum unit 45D	Pre A plus
14	ALDON Y	Distributor no vacuum unit	Pre A plus
14	ALDON Y+	Distributor no vacuum unit	A plus
14	ALDON R	Distributor no vacuum unit (RACE ONLY)	Pre A plus
14	ALDON R+	Distributor no vacuum unit (RACE ONLY)	A plus

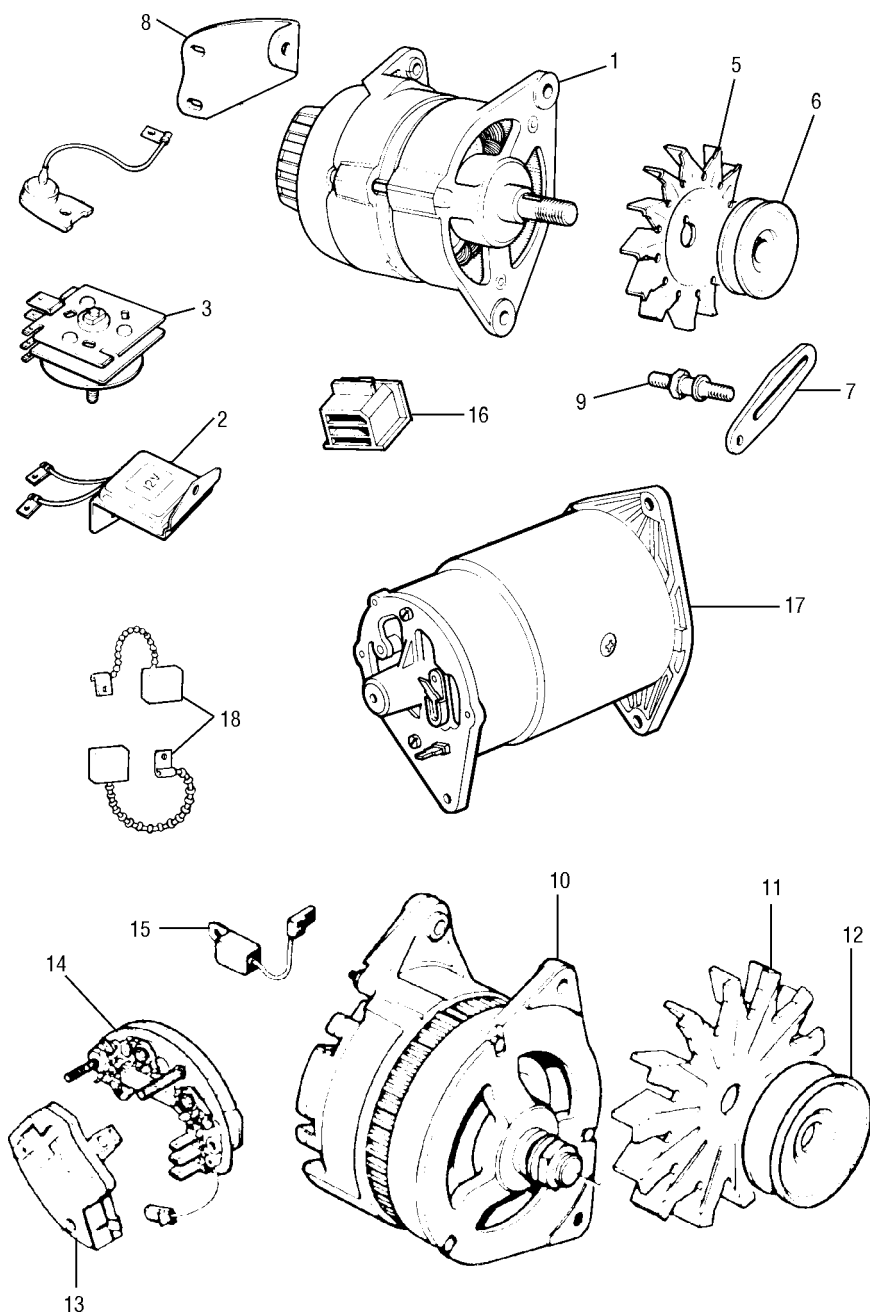
COIL, VACUUM CONTROL PIPES, IGNITION CABLES



COIL, VACUUM CONTROL PIPES, IGNITION CABLES AND SHIELDS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	VAC001	Vacuum plastic pipe	1	(Supplied per metre)
2	12B2062	Angled connector	2	
3	12B2095	Straight connector neoprene	1	
4	ACH9041	Straight original connector, rubber	A/R	(Old metal pipe)
5	DLB101	Ignition coil	1	
5	GCL111	Ignition coil (cold start)	1	1984-90
5	GCL143	Electronic ignition coil	1	1989 on ERA/Cooper
5	GCL144	Ballast coil	1	1990 on
6	8G727	Coil cover	1	CWE
7	12H3244	Sealing cover for coil	1	CWE
8	SUP4	Copper ignition lead set	1	
9	GHT241	Ignition lead set	1	
9	C-27H7779	Silicon hi-performance lead set	1	
9	KQ31	8mm Silicon lead set	1	
10	GDS101	Ignition shield kit large	1	Clubman
10	BHM1675	Ignition shield kit large	1	Mini
11	13H6461	Shield turn button kit	3	
12	GDS102A	Ignition shield kit, small	1	Saloon
12	BHM773	Ignition shield kit, was GDS107	1	Van
13	AJU1104	Distributor plastic bag cover	1	
14	8G726	Early side entry cap rubber cover, CWE	1	For GDC102
15	MAQ10002	Switch, in thermostat, direct for feed from vacuum unit	1	1992 on
16	MAW10001	Seal for vacuum switch	1	1992 on

ALTERNATOR, DYNAMO (GENERATOR) AND FITTINGS

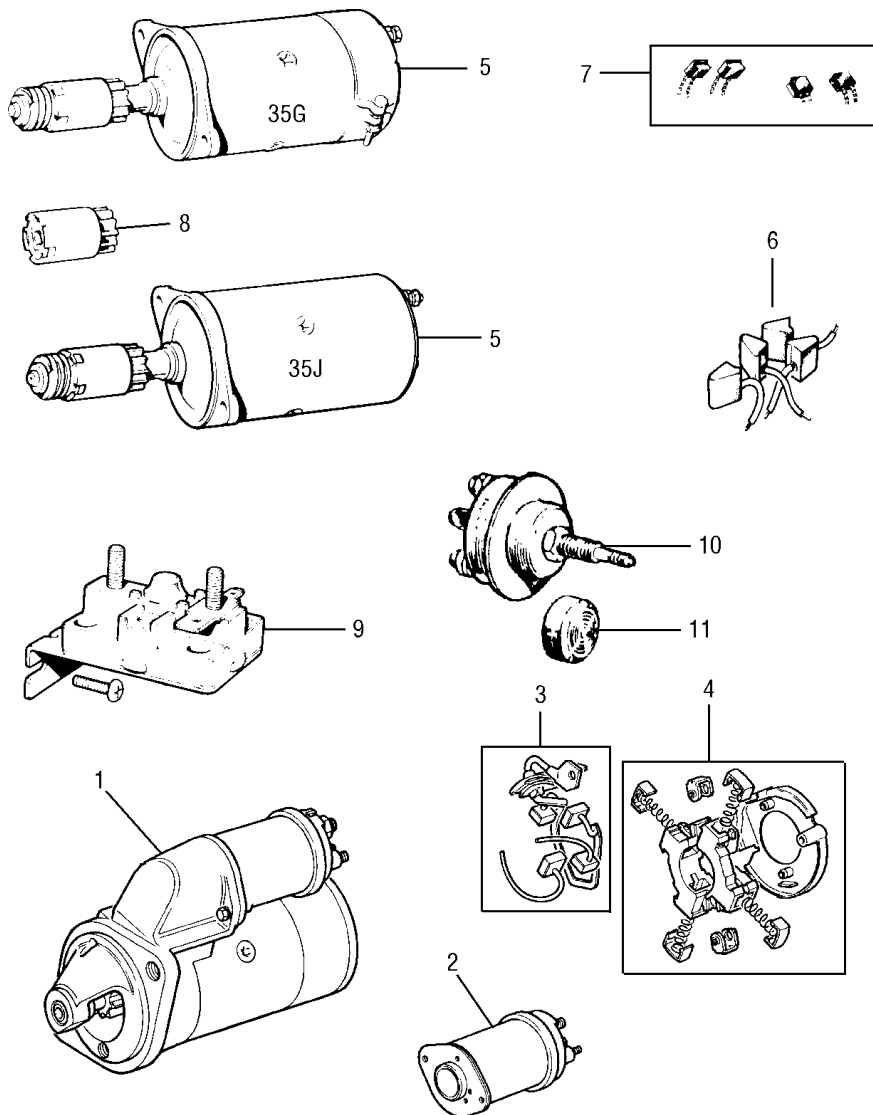


ALTERNATOR, DYNAMO AND FITTINGS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	GEU205MS	Rebuilt alternator	1	16/17ACR
1	GXE2257	A115/45 alternator	1	1980-85
2	UCB100	Regulator not GXE2257	1	
3	BAU2288A	Rectifier not GXE2257	1	
4	UCB110	Brush set not GXE2257	1	
4	GGB512	Brush set for GXE2257	1	
5	17D11	Dynamo fan	1	CWE
5	C37222A	Fan for 12G1054 when alternator	1	16/17 ACR
5	AAU3956A	Lucas fan for BAU1461	1	16/17 ACR
6	12G1054	Pulley 2.750" wide for dynamo and alternator	1	16/17 ACR
6	BAU1461	Pulley 2.500" wide for alternator	1	16/17 ACR
7	12G2627	Adjustment bracket link	1	
8	12G1053	Pre A plus fitting bracket	1	
8	CAM4853	A plus fitting bracket	1	
9	12G289	Pillar for adjustment bracket	1	
10	GXE2297	A127/45 Alternator, was GEU2276	1	1985 on
11	AUU1097	Fan	1	1985 on
12	ADU7778	Pulley	1	1985 on
13	BAU5265	Regulator	1	1985 on
14	BAU5813	Rectifier	1	1985 on
15	BAU4924	Capacitor	1	1985 on
16	GEU250	Fitting plug for wires to 16/17 ACR alternator	1	
17	GEU1101	Dynamo	1	
18	GGB102	Brush set	1	

1980-85 an A115/45 alternator was fitted which is GEU2257 special assembly.

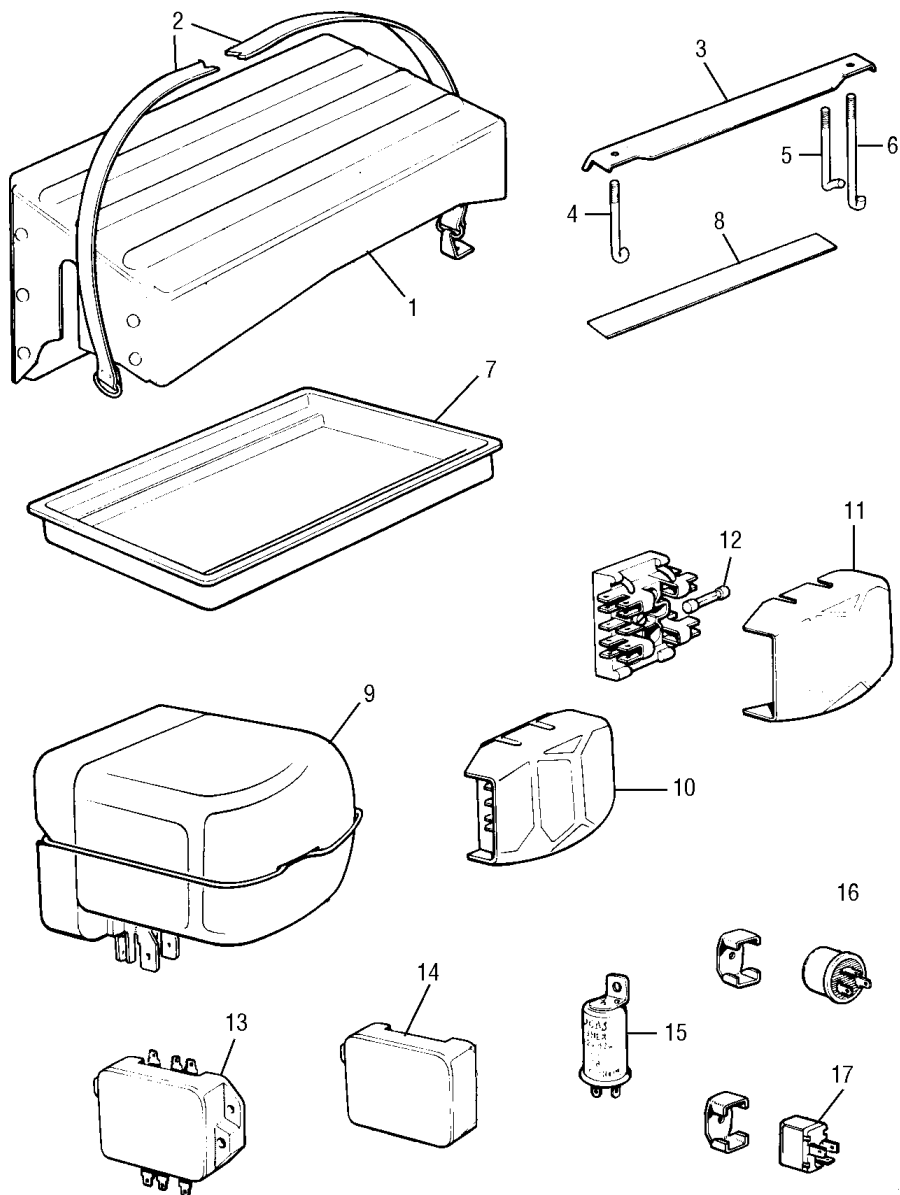
STARTERS AND SOLENOIDS



STARTERS AND SOLENOIDS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	GEU4527	Pre engaged starter	1	1985 on
2	NAF10004	Solenoid, pre engaged	1	
3	BAU5446	Brush kit	1	
4	BAU5849	Kit - brush box assembly	1	
5	GEU9404	Starter	1	
6	TAB117/BS5	Brush kit 35J type	1	NLA 1985 on (Not Shown)
7	TAB128	Brush kit 35G type	1	
8	TLB111	Pinion assembly 9 teeth	1	
9	13H5952	Starter solenoid	1	
10	17H5260	Floor switch starter solenoid	1	
11	5L24	Switch knob	1	
12	YWB10032	Starter relay for pre engaged starter, was DCR1820A	1	

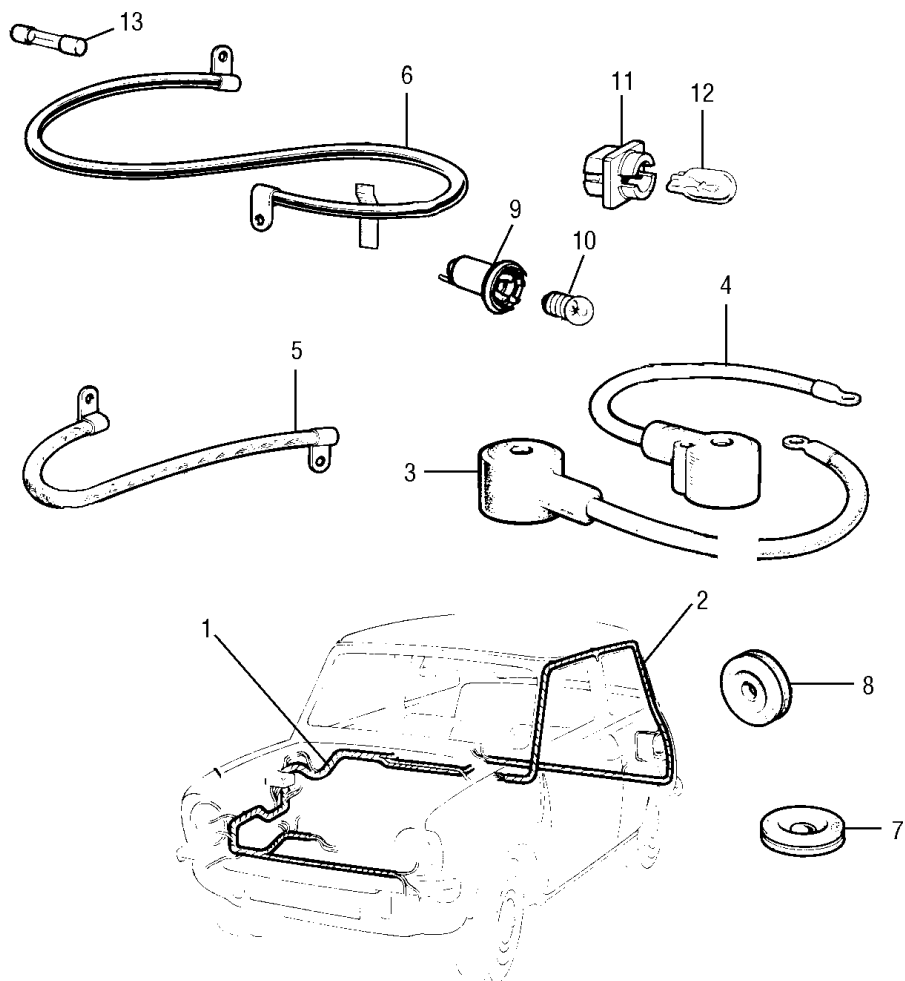
BATTER FIXINGS, CONTROL/FUSE BOXES



BATTERY FIXINGS, CONTROL/FUSE BOXES AND FLASHER UNITS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	5L877	Ribbed battery box cover	1	
2	14A7776	Cover strap	1	
3	14A8195	Battery bar	1	Van
3	HAM2457	Battery bar saloon	1	Saloon
4	5L1158	Rear battery bolt	1	Saloon
5	5L1159	Front battery bolt	1	Saloon
6	24A134	Battery bolt long	2	NLA Van
7	14A7286	Battery tray	1	NLA Van
8	37H3743M	Packing for battery box	A/R	NLA
9	GEU603	Control box	1	Mini
10	606253A	Fuse box	1	
11	54380114	Fuse cover	1	
12	GFS15	15 amp fuse	A/R	
12	GFS25	25 amp fuse	A/R	
12	188218	35 amp fuse	A/R	
13	AAU1839	Fuse box	1	1976 on
14	518995A	Cover for RTC440A	1	
15	GFU2103	Flasher unit	1	
16	GFU2124	Flasher unit	1	No hazard
16	GFU2125	Flasher unit	1	Hazard
17	GFU2204	Hazard warning unit	1	
17	GFU2208	Flasher unit	1	Fuel injected

WIRING LOOMS AND CABLES



WIRING LOOMS AND CABLES

MAIN LOOM WITH DYNAMO

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	WL321	Braided wiring loom floor start	1	'59 - '63 Mini MK1
1	WL325	Braided wiring loom	1	'64 - '67 Mini & Cooper MK1
1	WL305	PVC wiring loom	1	'64 - '67 Mini & Cooper MK1
1	WL327	Braided wiring loom	1	'64 - '67 Mini & Cooper MK2
1	WL307	PVC wiring loom	1	'64 - '67 Mini & Cooper MK2
1	WL326	Braided wiring loom (alt no. 5L518)	1	'64 - '67 - Cooper 'S' MK1
1	5L691	Braided wiring loom	1	'68 - '69 Cooper 'S' MK2
1	5L832	PVC wiring loom	1	Cooper 'S' MK2
1	5L954	PVC wiring loom	1	'S' MK3 998 Mini pre 1976

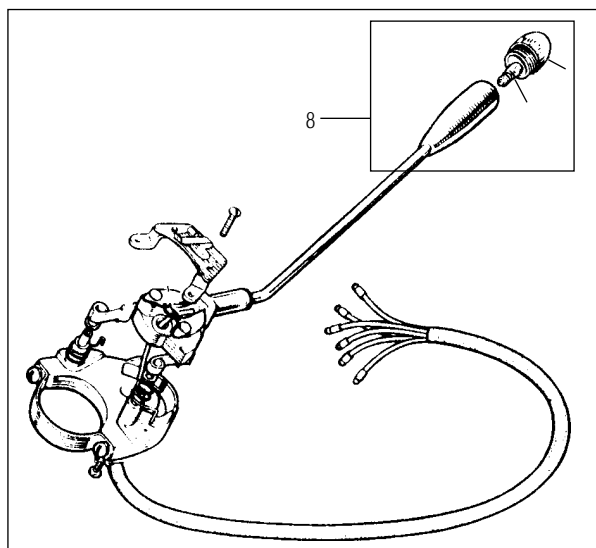
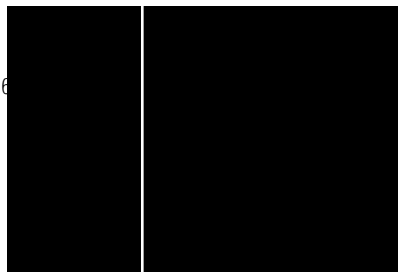
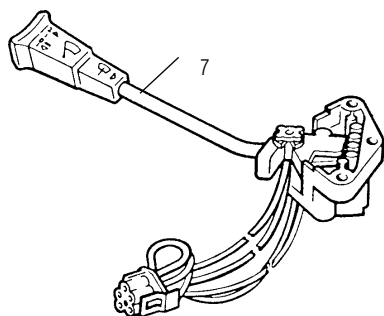
MAIN LOOM WITH ALTERNATOR

1	WL321/ALT	Braided wiring loom floor start	1	'59 - '63 Mini
1	5L672	Braided wiring loom	1	'64 - '67 Mini & Cooper MK1
1	WL305/ALT	PVC wiring loom	1	'64 - '67 Mini & Cooper MK1
1	WL326/ALT	Braided wiring loom	1	'64 - '67 Cooper 'S' MK1
1	WL327/ALT	Braided wiring loom	1	Cooper 'S' MK2
1	5L1331	PVC wiring loom	1	'S' MK3 & 998 pre 1976
1	5L1334	PVC wiring loom, 1275GT 1971 to 1975	1	Special order only
1	HAM1200	PVC wiring loom, 1275GT 1976 on	1	Special order only
Most main looms now have rear loom also.				
2	5L502	Rear loom braided non heated backlight	1	'59 - '67 MK1/2
2	WL304-6T	Rear loom PVC non heated backlight	1	'59 - '67 MK1/2
2	5L638	Rear loom PVC non heated backlight	1	MK3
2	5L875	Rear loom heated backlight	1	MK3 pre rev lamp
3	5L885	Main cable positive to solenoid	1	Saloon
3	5L887	Main cable positive to solenoid	1	Van
3	AUU1089	Main cable positive to solenoid	1	Pre-engaged starter
4	5L888MS	Negative to earth lead from battery	1	5L924 original
5	5L1137	Cable, body to engine earth	1	
6	5L925	Cable, solenoid to starter	1	
7	14A7033	Floor grommet/toe board	3	
8	RFR210	Plug, dash panel and hole in dash	2	
9	AEU1313A	Bulb holder for speedo	A/R	
10	GLB987	Bulb	A/R	
11	13H5270	Bulb holder (plastic)	A/R	
12	GLB2132	Bulb	A/R	
13	GFS35	Fuse	A/R	

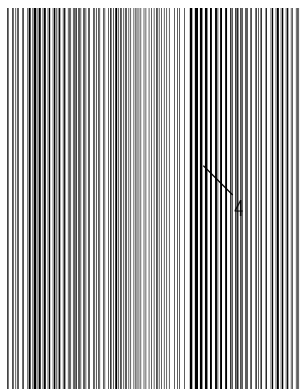
MAIN ELECTRICAL CHANGE POINTS

Wipers had 3 wires up to 1968
Wipers had 4 wires and plug 1968 on
Alternators were fitted 1972 on
Steering lock fitted 1970 on except 850cc
Indicator arm with headlamp flashers introduced 1968-70
Indicator arm with flasher and plug fitted on wires 1970-76
Indicator and washer stalks 1976 on
Brake light switch moved to under brake pedal 1976 on
Rear loom reverse lamp incorporated in rear lamp 1977 on approx

INDICATOR AND WIPER STALK SWITCHES



1



4

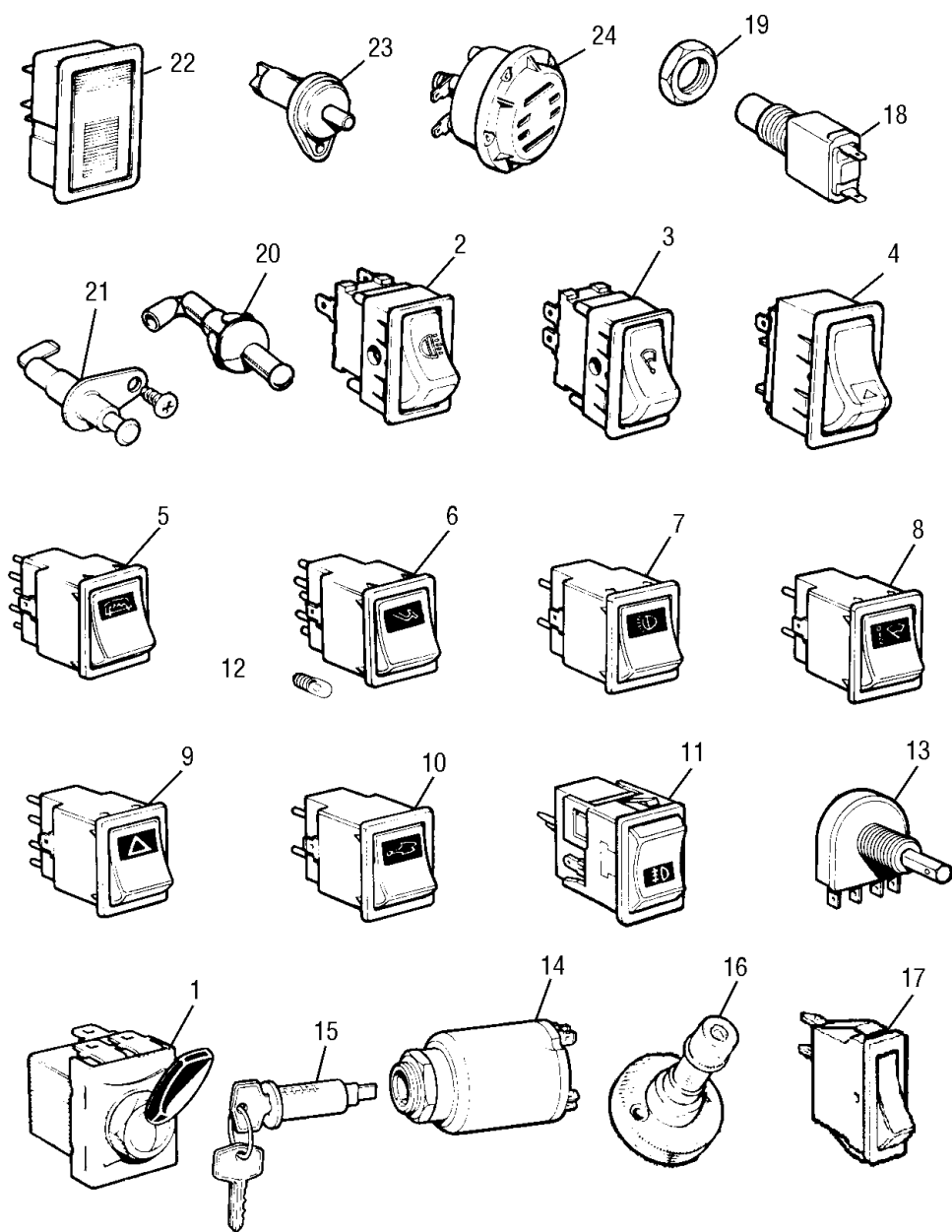


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INDICATOR AND WIPER STALK SWITCHES

NO.	PART NO.	DESCRIPTION	LUCAS	QTY	REMARKS
1	2A2615	Indicator switch	31945E	1	MKI
2	47H5200	Green indicator lens	1	1	MKI
3	GLB280	Bulb for indicator switch	1	1	MKI
4	13H7778	Horn indicator switch (no wiring plug)	35840M	1	MKII
5	13H7779	Horn indicator switch (with wiring plug)	39384M	1	MKIII
6	21A2658	Indicator switch R/H side	30443H	1	1976 to 1984
6	21A2660	Indicator switch L/H side	30445J	1	1984-1989 plus all LHD
6	BAU5345	Indicator switch L/H side	35483A	1	1989 on
7	37H8285	Wiper switch L/H side	30444H	1	1976-1984
7	37H8286	Wiper switch R/H side	30446H	1	1984-1989 plus all LHD
7	BAU5346	Wiper switch R/H side	35485A	1	1989 on
8	REP01	Repair Kit (not factory), requires modifications to	2A2615	1	

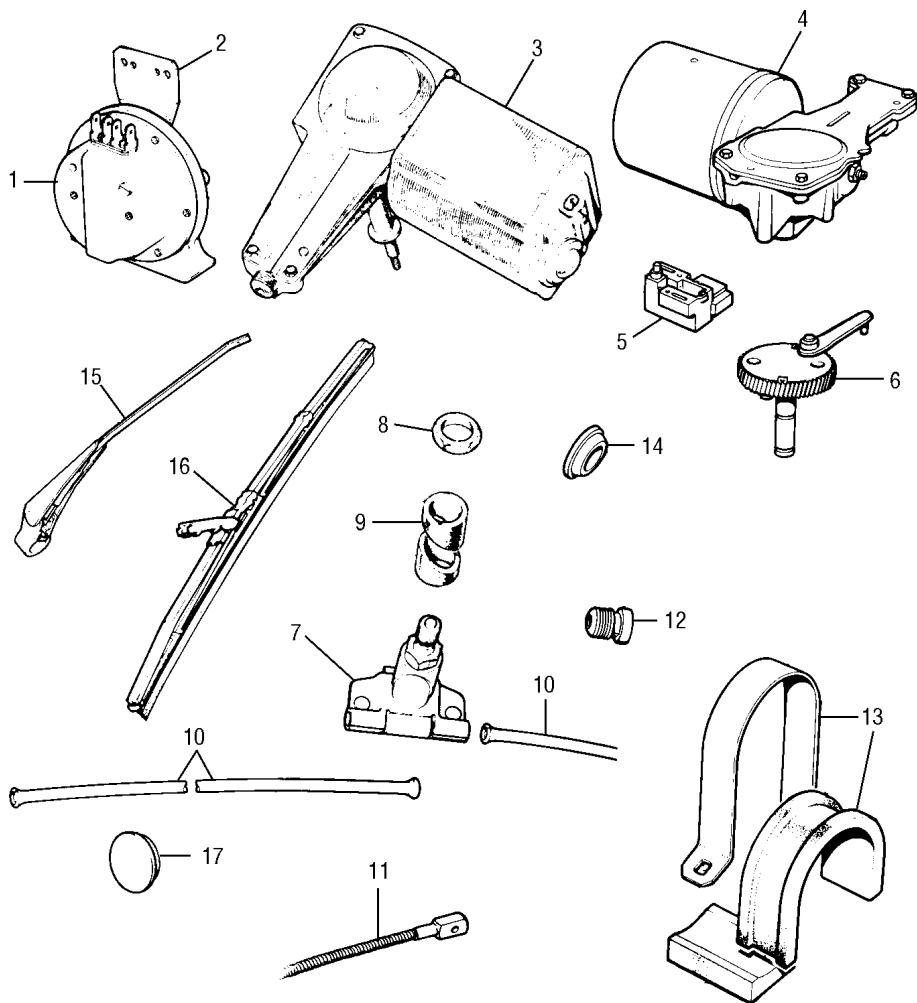
SWITCHES



SWITCHES

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	1H9077	Light switch	1	MK1/2
1	2A9129	Wiper switch	1	MK1/2
2	13H6342	Light switch, 3.7cm tall, was 13H8404	1	Bayonet terminals
3	13H6343	Wiper switch, single 3.7cm speed	1	Bayonet terminals
3	13H6444	Wiper switch, twin speed 3.7 tall, was 13H8405	1	Bayonet terminals
4	13H8691	Hazard switch, Canada only	1	Special order
5	ADU4799	Heated rear screen switch	1	Pin terminals 1976 on
6	ADU4794	Brake switch, 3.1cm tall	1	Pin terminals 1976 on
7	ADU4793	Light switch, 3.1cm tall	1	Pin terminals 1976 on
7	ADU4778	Light switch, 3.1cm tall (Canada)	1	Was 13H8713
8	13H9601	Wiper switch, (Canada only)	1	NLA
9	13H8725	Hazard switch, 3.1cm tall	1	Japan only
9	ADU4795	Hazard warning switch, 3.1cm tall	1	Pin terminals 1976 on
10	13H9602	Washer switch (Canada only)	1	Special order
11	ADU4792	Rear fog switch, 3.1cm tall	1	Pin terminals 1976 on
12	GLB280	Bulb for all illuminated switches	A/R	Pin terminals 1976 on
13	13H9027	Rheostat switch (Canada only)	1	Special order
13	2H4841	Rheostat switch early Mini van heater, was 57H5260	1	NLA
14	13H337	Ignition and starter switch	1	When no steering lock
15	24G1345	Barrel and key	1	When no steering lock
16	31800	Headlamp dip switch	1	Floor mounted
17	37H3922	Heater switch	1	MK3
18	13H3735	Brake light switch	1	Under pedal 1976 on
19	BMK1903A	Nut	1	
20	13H2182	Courtesy light switch	2	MK1/2
21	13H9481	Courtesy light switch	2	MK3 on
22	13H5531	Brake check light switch (Canada only)	1	Special order
23	13H6283	Courtesy and ignition warning switch (Canada only)	1	Special order
24	BHA4974	Ignition warning buzzer (Canada only)	1	Special order

Horn and Windscreen Wipers



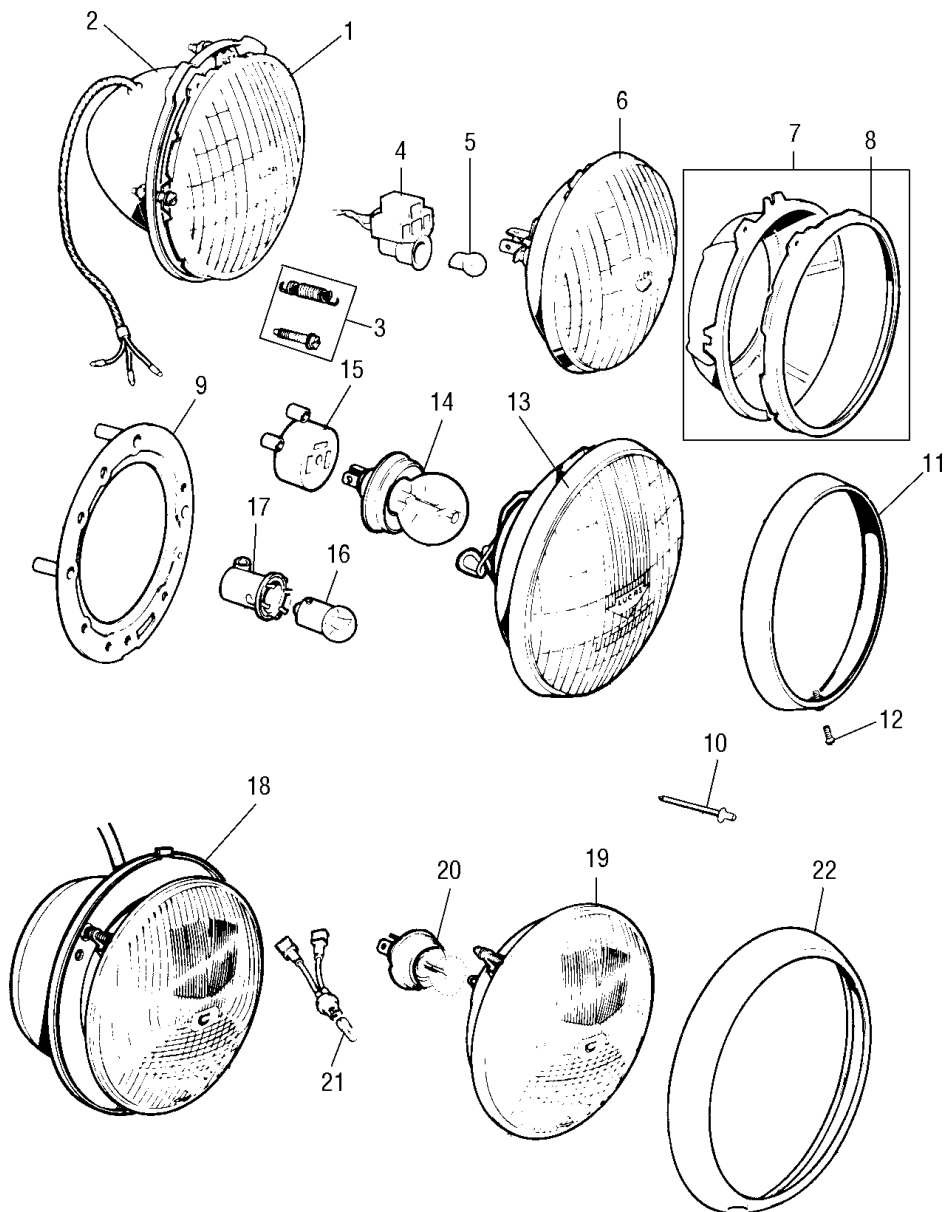
HORN AND WINDSCREEN WIPER

NO.	PART NO.	DECSRIPTION	QTY	REMARKS
1	GGE102	Hightone horn single terminal	1	
1	TR89	Hightone horn twin terminal	1	
1	TR28	Lowtone horn twin terminal	1	
2	GGE113	Horn bracket	1	
3	GEU7714	Wiper motor 3 wire square body	1	NLA
3	GEU7708	Wiper motor 4 wire strap fitting	1	Single or 2 speed
4	WKB105	Brush kit	1	
5	520160A	Parking switch	1	
6	WGB132	Gear (120°) 46 teeth	1	NLA
6	608092A	Gear (110°) 46 teeth	1	Van and pickup
7	37H6100	Wiper wheelbox (22 teeth)	2	Saloon
7	37H7200	Wiper wheelbox (32 teeth)	2	6 sided nut
8	37H6042	Wiper spindle bush kit	2	8 sided nut
8	37H6042C	Wiper bush kit including nut (chrome)	2	Fits 37H6100
8	37H7201	Wiper bush kit	2	Fits 37H7200
8	37H7201C	Wiper bush kit including nut (chrome)	2	Fits 37H7200
9	37H6316	Wiper wheelbox nut	2	6 sided
9	37H7738	Wiper wheelbox nut	2	8 sided
10	AAU1909A	Wiper rack outer tube kit	1	
11	508182A	Wiper rack cable	1	
12	37H3694	Ferrule in wiper motor to accept AAU1909A	1	
13	37H4836	Strap and seal for motor	1	
14	14A7091	Grommet for wheelbox hole	2	
15	13H5626	Wiper arm s/steel R/H/D MK1/2, (right hand park)	2	Also L/H/D MK3
15	13H5629	Wiper arm s/steel R/H/D MK3, (left hand park)	2	
15	CZH4173	Black wiper arm for 11" blade, (right hand park)	2	
15	CZH4331	Black wiper arm for 11" blade, (left hand park)	2	
15	DKB10058	Wiper arm with hook fitting R/H/D	2	1990 on
15	DKB10059	Wiper arm with hook fitting L/H/D	2	1990 on
16	GWB219	10" chrome wiper blade	2	
16	GWB811	11" black wiper blade	2	
16	GWB341	Wiper blade with hook fitting	2	1990 on
17	CZG778	Plug for wiper motor hole in dash	1	

MK1 used 130° wiper gear until 1964 then reduced to 120°.

57H5586	130°	NLA
37H7296	120°	NLA

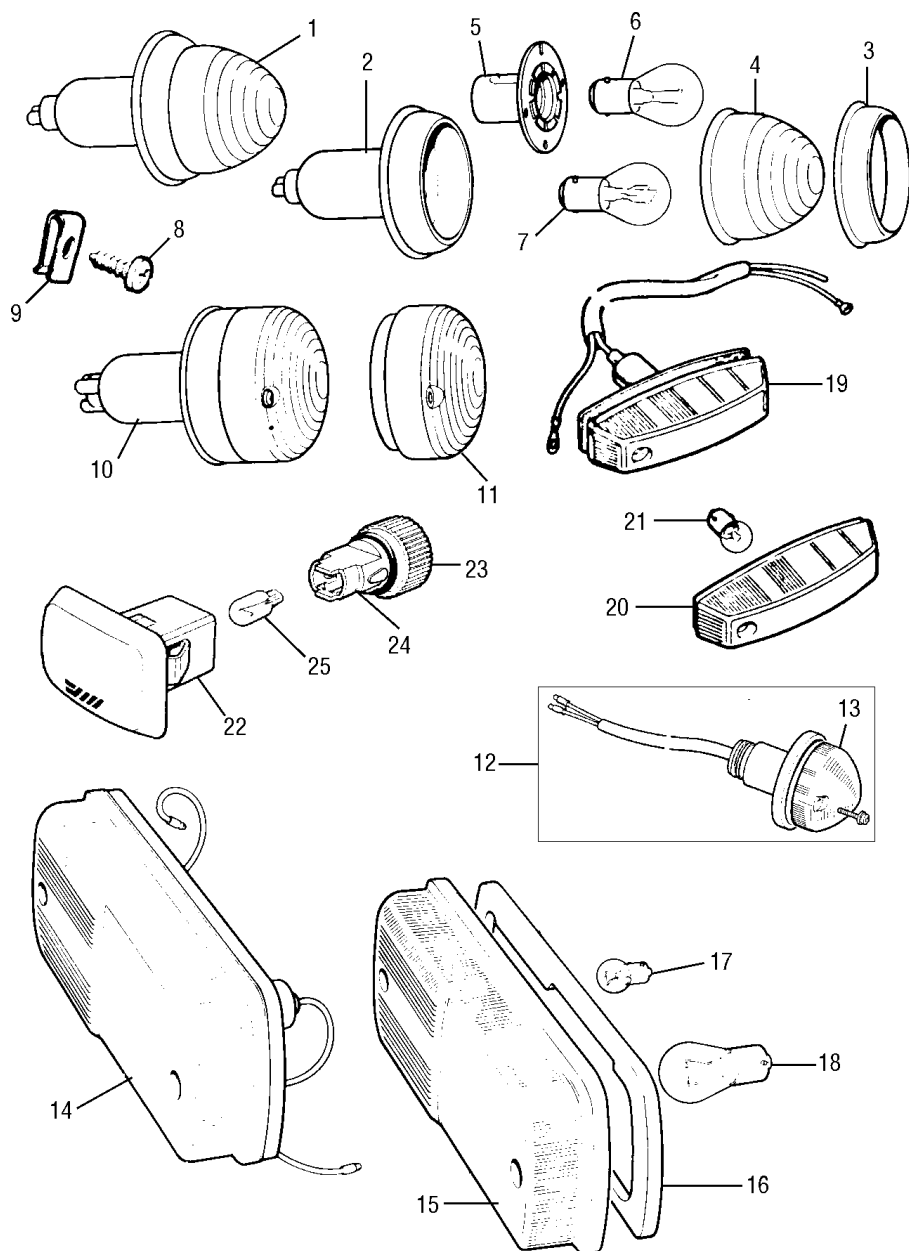
Headlamp



HEADLAMPS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	BHM7196	Headlamp assembly without side light (Clubman)	2	R/H/D
1	BHM7198	Headlamp assembly left dip sealed beam	2	R/H/D
1	13H7922	Headlamp assembly left dip (Lucas)	2	R/H/D
2	MS14	Metal headlamp bowl	2	
2	S5400	Plastic bowl, inner rim and seal	2	
3	MS14K	Headlamp adjuster kit	2	
4	BAU2111	Bulb holder and connector	2	
5	GLB501	Bulb	2	
6	13H3471A	Sealed beam unit left dip	2	R/H/D
6	S4698B	Wipac Quadoptic light kit left dip	1	R/H/D
6	S4699B	Wipac Quadoptic light kit right dip	1	L/H/D
6	S4700	Quadoptic light unit left dip	2	R/H/D
5	6014	Quadoptic light unit right dip	2	L/H/D
7	MS13	Chrome inner ring and lamp retainer	2	As original
8	515218A	Inner rim to retain sealed beam	2	
9	57H5456	Headlamp seating rubber	2	
10	ADU4278	Rivet, headlamp to wing	8	
10	GHF713/426	Number 10 screw and spire washer	8	Alternative to rivet
11	500929	Headlamp rim	2	
12	RTC465	Headlamp rim screw	2	
13	27H5981A	Lucas European head lamp glass, was GLU515	2	L/H/D
13	XCC10001	Headlamp glass unit	2	Optional 1990 on
14	GLB472	Headlamp bulb	2	Optional 1990 on
15	600226	Bulb holder (600226A takes GLB410 bulb, L/H/D)	2	Optional 1990 on
16	GLB233	Side lamp bulb	2	Optional 1990 on
17	BBU1738	Side lamp bulb holder	2	Optional 1990 on
18	37H7587	Cibie headlamp assembly less rim	2	NLA
19	37H7589A	Cibie light unit was GLU600	2	
20	GLB410	Bulb, also fits 27H5981A European	2	
21	GLB233	Pilot light bulb	2	
22	37H7588	Cibie lamp rim	2	

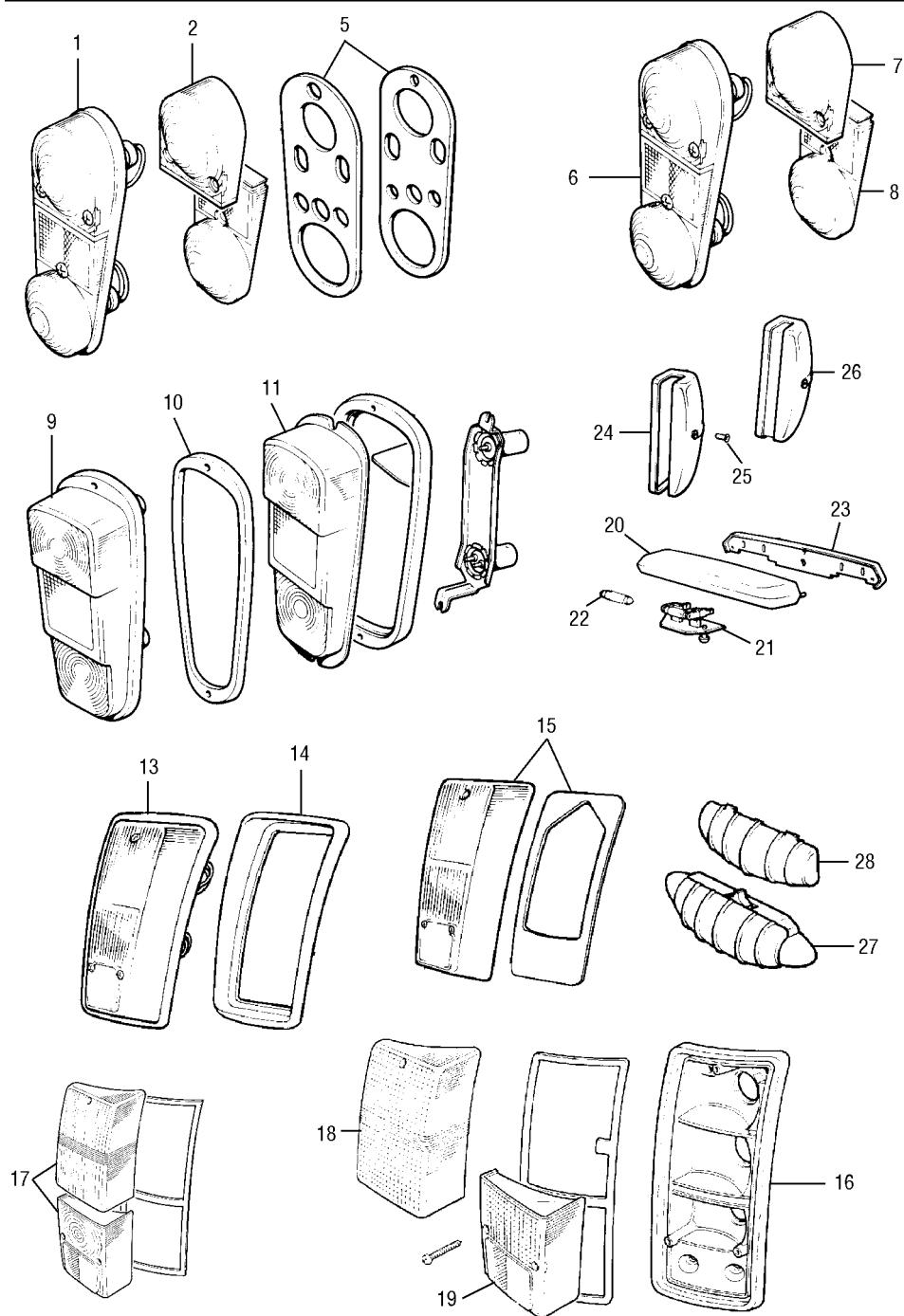
INDICATOR SIDE LAMPS



INDICATOR SIDE LAMPS

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	CHM13	Amber plastic flasher lamp	2	
1	2A9013	Amber glass flasher lamp	2	
1	1B9100	Flasher and side clear lamp with glass lens	2	Not UK
1	1B9100MS	Flasher and side clear lamp with plastic lens	2	Not UK
2	37H5527	Rubber body seal	2	
3	572734	Rim	2	
4	37H8130	Amber lens plastic	2	
4	37H5520	Amber lens glass	2	
4	37H6928	Clear lens glass	2	
4	37H6928MS	Clear lens plastic	2	
5	37H5528	Single filament bulb holder (indicator only)	2	
5	27H5545	Double filament bulb holder (side and indicator 1B9100)	2	Not UK
6	GLB382	Bulb flasher	2	
7	GLB380	Bulb (same as brake light and indicator for 1B9100)	2	Not UK
8	GHF421	Fixing screw	6	
9	GHF771	Fixing clip	6	
10	575457A	Lamp (Europe)	2	NLA
11	37H6111	Front lens, Europe	2	
12	AFU3389	Orange indicator lamp	2	1987 on
13	CDU3374	Lens	2	1987 on
14	ADU3017	Clubman front indicator lamp L/H	1	
14	ADU3018	Clubman front indicator lamp R/H	1	
15	BAU1796	Lens, side and indicator lens with seal	2	
16	37H4190	Seal - lens to body	2	NLA
17	GLB233	Sidelamp bulb	2	
18	GLB380	Flasher bulb	2	
19	AAU3296	Wing side repeater lamp	2	1979-80 only
20	27H2403	Lens for AAU3296	2	
21	GLB989	Bulb	2	
22	AHU2592	Wing side repeater lamp	2	1986 on
23	DCP8004	Bulb holder	2	
24	AFU3112	Bulb holder sealing ring	2	
25	GLB501	Bulb	2	

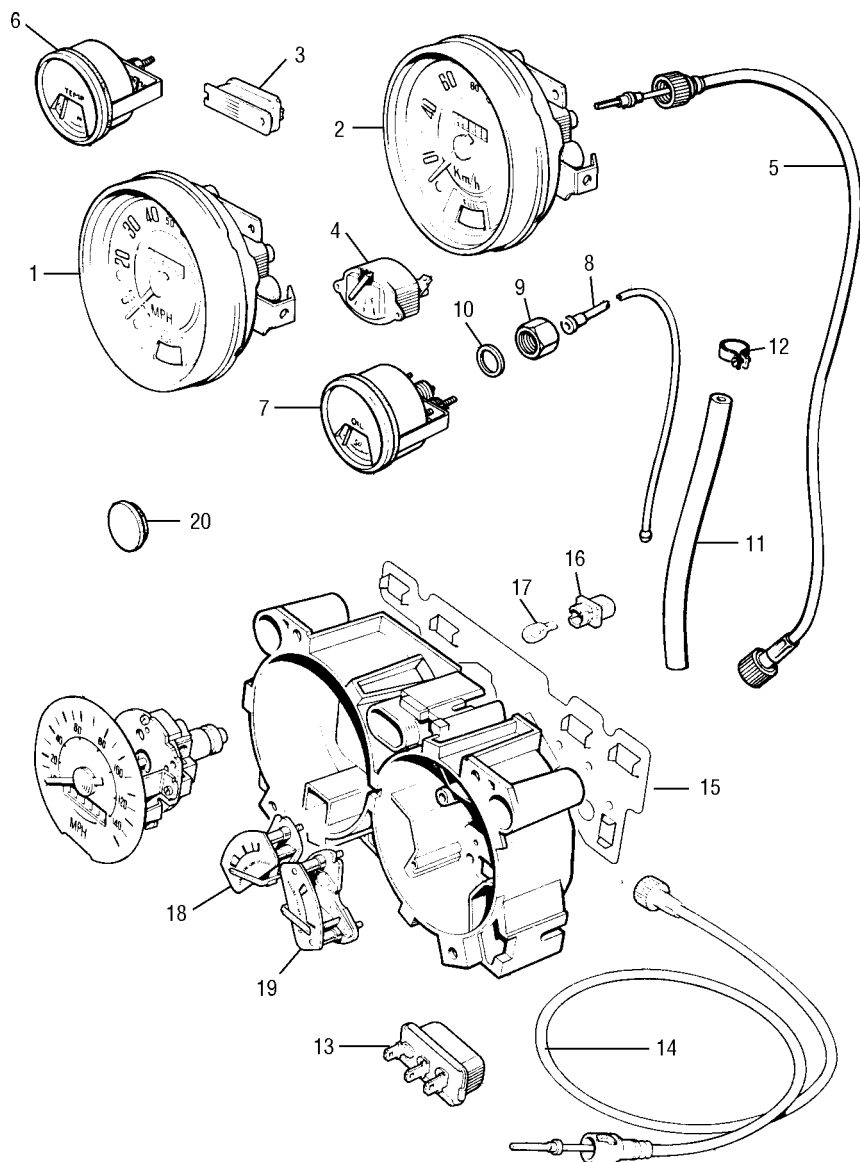
LAMPS - REAR / NUMBER PLATE / INTERIOR LAMPS



LAMPS REAR / NUMBER PLATE / AND INTERIOR

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	13H223	Rear lamp R/H 53798	1	MK1 Saloon
1	13H222	Rear lamp L/H 53797	1	MK1 Saloon
2	47H5362	Rear flasher amber lens R/H	1	MK1 Saloon
2	47H5355	Rear flasher amber lens L/H	1	MK1 Saloon
3	47H5363	Stop and tail lens R/H	1	MK1 Saloon
3	47H5358	Stop and tail lens L/H	1	MK1 Saloon
4	47H5360	Lens screw set	1	MK1
5	57H5399	Rear lamp gasket kit	1 pr	MK1 Saloon
6	13H6436	Rear lamp NLA	2	Van
7	37H4964	Rear flasher lens	2	Van
8	37H4963	Rear stop and tail	2	Van
9	47H5590	Rear lamp with chrome rim NLA, Lucas 7.5" long	2	Pick-up pre 1980
9	AAU5127	Rear lamp NLA, PMG not Lucas 6.25" long	2	Pick-up 1980 on
10	17H5353	Chrome rim, pick up pre 1980	2	CWE
11	17H5359	Lens, NLA (manufacturer Lucas)	2	Pick-up pre 1980
11	264829	Lens, NLA (manufacturer PMG)	2	1980 on
12	17H5356	Bulb holder assembly, pick up pre 1980	2	NLA
13	13H6479	Rear lamp R/H no rev lens	1	MK2/3
13	13H6480	Rear lamp L/H no rev lens	1	MK2/3
14	37H2690	Lamp seating gasket for 13H6479 only R/H	1	MK2/3
14	37H2689	Lamp seating gasket for 13H6480 only L/H	1	MK2/3
15	37H4837	Lens for 13H6479 with gasket/screws, R/H	1	
15	37H4837MS	Lens only for 13H6479, R/H	1	
15	37H4838	Lens for 13H6480 with gasket/screws, L/H	1	
15	37H4838MS	Lens only for 13H6480, L/H	1	
16	ADU2479	Altissimo rear lamp with rev lens L/H, was AAU3287	1	
16	ADU2478	Altissimo rear lamp with rev lens R/H, was AAU3288	1	
16	XFB10082	Lucas rear lamp, with rev lens R/H	1	
16	XFB10083	Lucas rear lamp, with rev lens L/H	1	
17	AAU4946	Altissimo rear lens, R/H one piece	1	
17	AAU4947	Altissimo rear lens, L/H one piece	1	
18	XFJ10026	Lucas stop/flasher lens R/H	1	
18	XFJ10027	Lucas stop/flasher lens L/H	1	
19	XFJ10028	Lucas reverse lens and reflector R/H	1	
19	XFJ11029	Lucas reverse lens and reflector L/H	1	
20	13H6900	Number plate body	1	MK3 on
21	PRC1230A	Number plate lens	2	MK3 on
22	GLB239	Festoon bulb	2	MK3 on
23	13H6010	Number plate gasket	1	MK3 on
24	BHA4153	Rear D shaped chrome number plate lamp	1	
24	BHA4154	Rear D number plate chrome plastic	1	2 for van
25	7H5123	Chrome screw for BHA4153 cover	1	
26	83H335	D shaped rear number plate blank	1	2 for van
27	13H4398	Original interior lamp	1	
27	13H8919	Interior lamp with clear square plastic lens	1	1974 on
27	EAM1650	Interior lamp with white square plastic lens	1	1974 on
28	AFU3003	Interior lamp (fits recess in head lining)	1	1985 on
28	17H9971	Original round interior lamp lens (as per picture)	1	
28	37H5923	Clear lens for 13H8919	1	
28	24G3389	White lens for EAM1650	1	

SPEEDOS, GAUGES AND CABLES



SPEEDOS, GAUGES AND CABLES

NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	ADU2341	Speedo MPH, 90MPH	1	3.4 Final drive
1	ADU2345	Speedo MPH, 90MPH	1	3.76 Final drive
1	13H4442	'S' Speedo SN4421/130 MPH	1	'S' MK3
2	13H4444	'S' Speedo SN4421/200 KPH	1	'S' MK3
2	ADU2343	Speedo KPH, 140KPH	1	3.4 Final drive
3	C34770A	Voltage stabiliser BR1310/00	1	
3	13H3554	Voltage stabiliser BR1309/00	1	MK1
4	13H2133	Fuel gauge black	1	
5	0722/26	Speedo cable 26" long	1	
5	0722/39	Speedo cable 39" long	1	Extra long Mini
5	0722/48	Speedo cable 48" long	1	For Specials
5	0722/66	Speedo cable 66" long	1	For Specials
6	13H4460	Water temperature gauge	1	
7	13H4459	Oil pressure gauge	1	
8	21A804	Oil pipe gauge to hose	1	
9	11B2037	Nut, part of 21A804 pipe	1	
10	2K4936B	Sealing washer	1	
11	FAM2807	Oil hose	1	
11	OL	Oil gauge one piece plastic hose	1	5ft long
12	AAU1818	Oil hose clip	2	

CLUBMAN AND ALL SALOONS AFTER 1980 (SMITHS ONLY, NOT NIPPON SEIKI TYPE)

13	BMK1539A	Voltage stabiliser BR1303/20	1	Clubman/late Mini
14	GSD102MS	Speedo cable	1	
14	GSD415	Speedo cable	1	35.5" long
15	37H4881	Printed circuit	1	2 clock pod
15	BAU1930	Printed circuit 1275GT	1	3 clock pod
16	13H5270	Bulb holder, plastic	A/R	
17	GLB2132	Bulb	A/R	
18	13H5893	Fuel gauge to 1983	1	NLA
18	ADU6455	Fuel gauge (3 clock)	1	1983-85
18	BAU5405	Fuel gauge	1	1985 on
19	13H5894	Temperature gauge to 1983	1	NLA
19	ADU6456	Temperature gauge (3 clock)	1	1983-5
19	BAU5406	Temperature gauge	1	1985 on
20	14A7081	Plug for unused speedo hole	1	All Minis

There were multiple changes on Smiths speedo and tachometer clocks on Clubman type in front of steering wheel. Nearly all the Smiths type 1970 to 1983 are no longer available and therefore not listed.