

REPLACEMENT PARTS CATALOGUE

TSS MODELS

TRIUMPH MOTORCYCLES (MERIDEN LTD) MERIDEN WORKS · ALLESLEY · COVENTRY · CV5 9AU · ENGLAND

TELEPHONE MERIDEN 22331

22331 TELEX TRUSTY GB 311672

PUBLICATION Part No. 99-7576

Published May 1982

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INTRODUCTION

ENGINE AND FRAME NUMBERS

The engine number is located on the left side of the engine, immediately below the cylinder barrel to crankcase flange.

The frame number is located on the left side of the frame headlug, beneath the fork top lug and forward of the gasoline tank.

Both the engine and frame number should be quoted in full in any correspondence relating to the machine.

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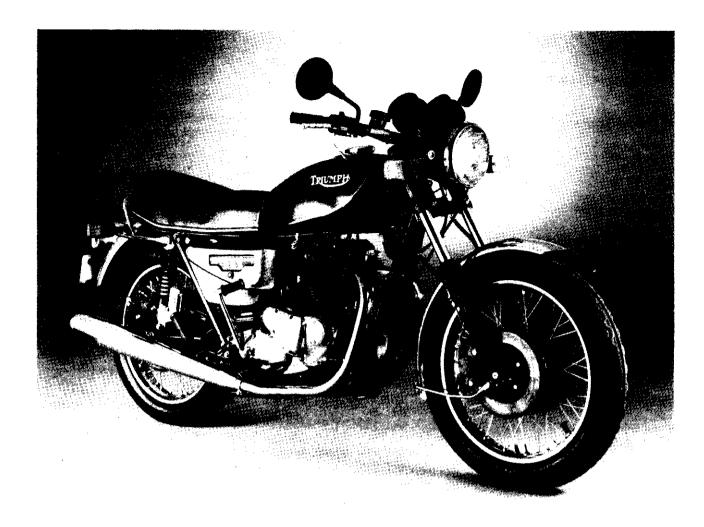
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Bore & Stroke Capacity Compression Ratio Spark Plugs Carburetter

Gearbox Sprocket Chains

Capacities

Tyre Size

Main Jet Needle Jet Needle Throttle Valve

Primary Final Fuel Tank

Oil Tank Gearbox Front Forks Front Rear T.S.S.

76 x 82mm. 2.992 x 3.228in. 744cc/45cu. in. $9 \cdot 5:1$ Champion G.63 Amal Concentric MKII 34mm. Bore 230 106 2C3 No.3 20T Triplex 3/8 pitch x 84 links G.P. Simple 5/8 x 3/8in. 106 links (U.K.) - 4 lmp. gall. / 18.2 litres (U.S.) - 2.3 lmp. Gall/10.45 litres 5 lmp. Pints / 2.8 litres 7/8 pint / 500cc 1/3 pint/190cc (each) 4.10 x 19 4.10 x 18 Abbey Garage, 24 Pieldheath Road Hillingdon Greater London TEL No 0895 32827

Anglo Bike Beenham Garage The Stocks Beenham Berks Tel No 073521 3382

A Bennett & Son Station Street Garage Station Street Atherstone Warks Tel No 4076

Charlies 171 Fishponds Road Eastville Bristol Tel No 0272 511019

Elite Motors 844-965 Garratt Lane Totting Broadway, London Tel No 01 672 1200

Harvey Owen 181–183 Walworth Road London SE17 1RR Tel No 01–703–0282

Hughes (S.H. Brand) Ltd 222 Tooting High Street Tooting London SW17 Tel No 01:672-3077

Eth Laurent Pdevijn Sint Jobstraat 99 9300 BELGIUM

C. Reinhardt A/S. G1 Kongevei 11. 1610 Kobenhavii V. DENMARK.

Ab Scandanavian Pacific Oy SF 25700 Kimito FINLAND

Messis C.G.C.E.M. 17 rue du Debarcadere 75017 PARIS FRANCE

Wust Motorrader Schechingerstrasse 1 D. 7071 Heuchlingen WEST GERMANY

Fa AMSG m b H Wiesbadenerstrasse 9 1 6503 Mainz Kastel WEST GERMANY

Amoo Col Limited 30 Sina Street Athens GREECE

Verstegen Motor Import BV Industriepark 11, 5374 CM Schagk HOLLAND

Luigi Ghezzi Viale Gian Galeazzo29 20136 Milan ITALY

Messrs: Torso & Co Postboks 1020 4600 Kristiansand NORWAY

Celebes sa San elias 29-31 Barcelona 6 SPAIN

List of U.K. Spares Distributors

Allan Jefferies 206 Saltaire Road Shipley Yorks Tel No 0274 587451

Leather & Simpson Flora Street Garage Flora Street Sheffield Tel No 0742 343173

Roebuck Motorcycles 354 Rayners Lane Pinner Middx Teł No 01 868-1231

Ben Lloyd M/Cs 37 Bridge Road Blundell Sands Liverpool Tel No 051 924 2369

Revetts Ltd 53-61 Norwich Road Ipswich Suffolk Tel No 0473 53726

Slocombes 251-254 Neadsen Lane London NW10-1QH Tel No 01-450-8655

T.M.S. 92–94 Carlton Road Nottingham Tel No 0602 53447

OVERSEAS STOCKISTS

Import Rådhes Motor A8 Hospitalsgatan 15 Box 273 61101 Nykoping SWEDEN

Ernst Uhlmann Motos Haupstrasse 3257 Grossaffoltern: BE SWITZERLAND

Morgan & Wacker P O Box 4 54 Ross Street Newstead Brisbane Queensland AUSTRALIA

Alron Industries 65 Newcastle Street Perth 6000 WESTERN AUSTRALIA

Ton Byrne (Wentworth Traders) 34 wentworth Avenue Sidney AUSTRALIA

George Bolton Importers Pty Ltd 225 Greenhill Road Dulwich Adelaide South Australia

Hernandez Hermanos st General Mola 27: 29 Santa Cruz de Tenerife CANARY ISLES

Morris Greenberg Limited 83 Shalma Road Tel: aviv ISRAFL

Murayama Motor Company Limited No.6: 3 Sasazuka 2: Chome Shibuya ku Tokyu JAPAN Reg Allen 41 Grosvenor Road Hanwell London W7 Tel No 01 567 1974

Walron Auto Supplies 223 Coatsworth Road Gatesheat Tyne & Wear Tel No 0632 772968

West Pier Motorcycles 25 Brandon Terrace Edinburgh Scotland Tel No 031 556 3286

Wileman Motors Siddals Road Derby Tel No 0332 42813

Victor Devine & Co Ltd 219-233 Great Western road Glasgow 4 Strathclyde Scotland Tel No 041 332 0056

William White (Wholesale) Limited Paraiticoad Bell Bock New Plymouth NEW ZEALAND

China Motors & Technica! 76 Norman Williams Street South West Ikoyi Lagos NIGERIA

The Universal Engineering Company Talpur Road Karachi 2 PAKISTAN

Brown &Company Limited 481 Darley Road Colombo 10 SRI LANKA

Central de Motos Marti Esquina Mutualismo MEXICO 18 DF

The Bike Shop 13 Henry Pierre Street Mucurapo Port of Spain TRINIDAD

Moto Palaceicia Av El Progresso Edificio Oriol Urbi Las Acacias Caracas 104 VENEZUELA

HOW TO USE THIS PARTS CATALOGUE

First Consult the index on Page 3 for the parts or group of parts which you wish to locate. When you have located the parts make sure from the end columns that the part you have located does apply to your machine.

List the quantities required as single units; do not ask for "2 pairs" or "3 dozen".

In case of painted items always state the colour required. Painted parts are available only in the colours or alternatives specified for that model of that particular year.

PLEASE NOTE

THROUGHOUT THIS LIST, ASSEMBLIES ARE PRINTED IN CAPITALS AND THE COMPONENTS INCLUDED IN THAT ASSEMBLY ARE INDENTED IN THE DESCRIPTION COLUMN, REVERTING TO THE ORIGINAL ALIGNMENT WHEN THE ASSEMBLY IS COMPLETE. TO ORDER THE COMPLETE ASSEMBLY IT IS NECESSARY ONLY TO QUOTE THE ASSEMBLY NUMBER. ANY COMPONENT PARTS LISTED MAY ALSO BE OBTAINED SEPARATELY IF REQUIRED. WHERE COMPONENTS ARE COMMON TO ALL MODELS ONLY ONE COLUMN APPEARS UNDER QUANTITY.

SPECIAL WORKSHOP TOOLS

A COMPLETE LIST OF WORKSHOP TOOLS CAN BE MADE AVAILABLE BY CONTACTING YOUR DEALER. IN MOST CASES THESE TOOLS ARE VERY COSTLY AS THEY ARE MADE ENTIRELY FOR WORKSHOP USE, AND THEREFORE, IT IS NOT RECOMMENDED THAT THE PRIVATE OWNER PURCHASES THE TOOLS IN ORDER TO AID SERVICING THE MACHINE ONCE OR TWICE ONLY. IN THESE CIRCUMSTANCES IT IS FAR MORE ECONOMICAL TO GET IN TOUCH WITH A RECOGNISED DEALER.

UNIFIED THREAD FORM

NEW PARTS HAVING THREADED FIXINGS INTRODUCED IN THIS CATALOGUE HAVE THE UNIFIED FORM OF SCREW THREADS. THIS CHANGEOVER WILL BE CONTINUED AS AND WHEN NEW PARTS ARE INTRODUCED. EVEN WHERE PARTS ARE SIMILAR IN APPEARANCE NEW PART NUMBERS WILL BE ALLOCATED TO IDENTIFY THE UNIFIED THREADS. ALL NUTS, BOLTS AND STUDS HAVING THIS THREAD ARE IDENTIFIED BY MARKINGS. BOLTS HAVE A CIRCULAR RECESS IN THEIR HEADS, STUDS A CIRCULAR GROOVE ON THE END, AND NUTS HAVE INTERLOCKING CIRCLES ON THE SIDE.

PARTS SPECIAL TO PARTICULAR MARKETS ARE IDENTIFIED IN 'REMARKS' COLUMN, OTHERWISE PARTS ARE COMMON TO ALL MARKETS.

WHERE MAKERS PART NUMBERS ONLY ARE SHOWN FOR REFERENCE, PARTS MUST BE OBTAINED DIRECT FROM THE MAKERS OR THEIR DISTRIBUTORS.

ESSENTIAL SERVICE TOOLS

Part No.	Description
61-6019 61-7013 61-7011 61-6125 61-6008 61-7014 61-6135 61-7017 61-3768 61-6132 61-7019 61-7022 61-7019 61-7023 61-7023 61-7023 61-7024 61-6121 61-6113 61-7025 61-7027 61-7029 61-6117 61-7035 61-7043	Crankshaft pinion extractor Camshaft oil seal spreader Gearbox assy tool - quadrant positioner Gearbox sprocket nut spanner Tappet guide block punch Clutch hub - extractor tool Piston ring clamp Mainbearing extractor - LH outer race Clutch locking plate Camwheel extractor Rocker spindle seal compressor Locator tool assy - flywheel 38° - T.D.C. Primary chain tensioner tool Valve guide removal & replacement tool Cam extractor 6CA Torque tool adaptor - cylinder head sleeve nut Peg spanner wheel bearing retainer Head race drift Fork damper tool Valve seat cutter (inlet and exhaust) Blending cutter (inlet and exhaust) Arbor pilot & tommy bars - valve seat cutters Swinging arm bearing - removal replacement tool Crankshaft balance weights (689 grms.)

CARTON PACK ASSEMBLIES

PISTONS (C/W RINGS	GUDGEON PIN & CIRCLIPS)	
71-7651	PISTON ASSY	+ 0.010
71-7652	PISTON ASSY	+ 0 · 020

PISTON RING SETS (COMPRISING 2 OFF COMP. RING 1 OFF SPIRAL CONTROL RING)

99-7567 71-7665 71-7647	RING SET COMP. RING SPIRAL RING	STD.	STD. STD.
99-7568	RING SET		+ 0 · 010
71-7666	COMP. RING		+ 0 · 010
71-7648	SPIRAL RING		+ 0 · 010
99-7569	RING SET		+ 0 020
71-7667	COMP. RING		+ 0 020
71-7649	SPIRAL RING		+ 0 020

VALVE GUIDE SETS (COMPRISING 4 INLET 4 EXHAUST 8 CIRCLIPS 4 VALVE SEALS)

99.7564	VALVE GUIDE SET	STD.
99-7565	VALVE GUIDE SET	+ 0 · 005
99-7566	VALVE GUIDE SET	+ 0.015

OIL PUMP

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GASKET SETS

99-75 71	DECOKE SET
99-7572	OVERHAUL SET

VALVE SPRING SET

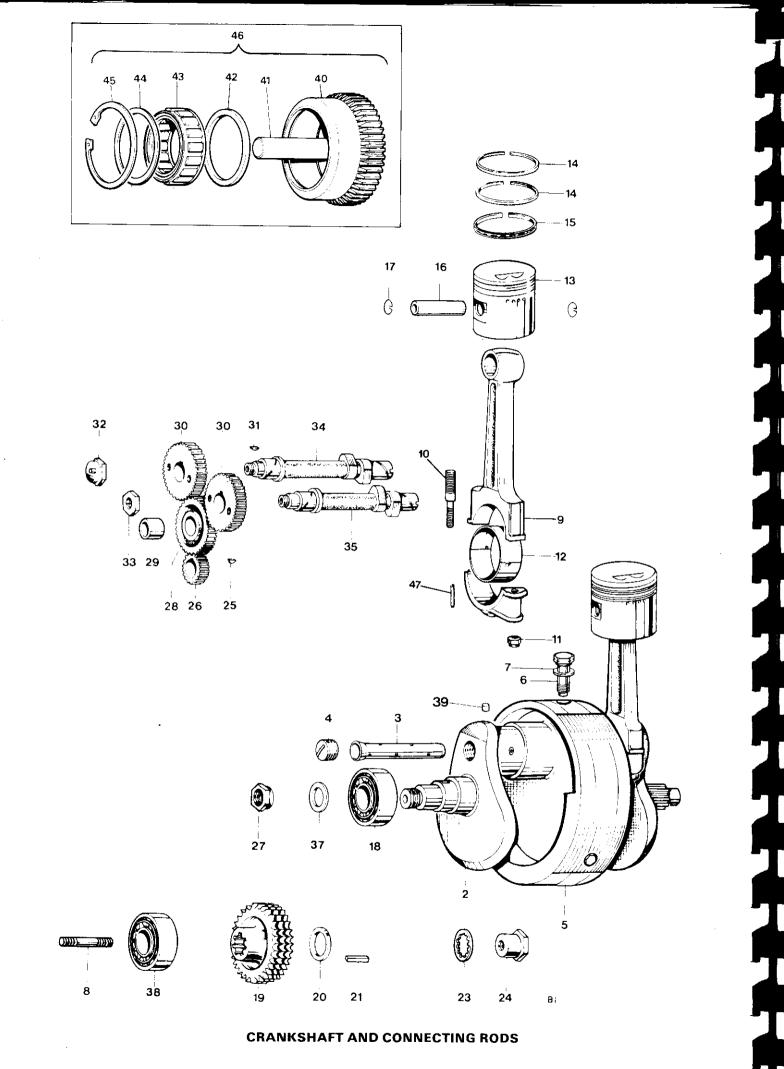
99-7570	8 OFF INNER
	8 OFF OUTER

BEARING CONROD B/E

99- 756 2	4 OFF	- 0·010
99-7563	4 OFF	- 0 · 020

OWNER HANDBOOK

60-7634



CRANKSHAFT AND CONNECTING RODS

QUANTITY

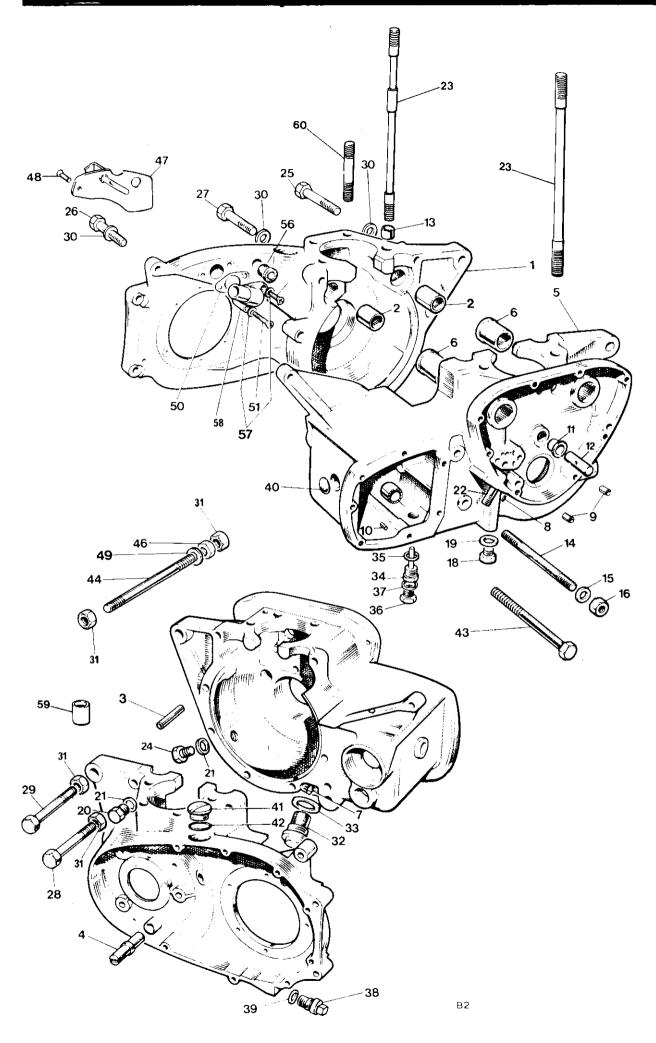
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Ref. No.	Part No.	Description	E/S TSS	E/S TS8	K/S TSS
1 2 3 4 5 6 7 8 9 10 11 12	71-7656 71-7655 71-7353 71-7354 71-7444 71-7448 71-1003 21-2183 71-7339 71-7341 21-7091 71-7445	CRANKSHAFT AND FLYWHEEL ASSEMBLY CRANKSHAFT C/W. OIL TUBE Oil tube Screwed plug Flywheel Flywheel bolt Washer Crankshaft stud (1 3/8 in. O.A.) CONNECTING ROD Connecting rod stud Self locking nut Big end bearing (Available in 010 in. and 020 in. undersizes)	1 1 1 3 1 2 4 4 4	1 1 1 3 3 1 2 4 4 4	1 1 1 3 3 1 2 4 4 4
13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 37 38 39 Not illus. Not illus. Not illus. 40	71-7374 71-7665 71-7647 71-3354 71-3700 60-7362 71-3542 71-3544 71-0082 21-7024 21-2182 70-1580 71-7679 71-2877 70-6159 70-0400 71-7657 70-1558 71-1007 70-6523 71-7657 70-1558 71-1007 70-6523 71-7449 70-3300 70-2879 70-3902 71-2663 70-8038 71-2660 71-7619	PISTON COMPLETE Taper compression ring Oil control ring Gudgeon pin Circlip Main bearing, right Motor sprocket, 29 teeth Triplex Distance piece Rotor key Fan disc lock washer Nut Key Timing pinion Nut INTERMEDIATE WHEEL Intermediate wheel bush Camshaft pinion Camshaft key Inlet camshaft nut Exhaust camshaft nut Inlet camshaft Clamping washer Main bearing, left (RM11L) Plug, crankshaft oilway Spacer Shim (0 - 010 in.) Engine sprocket	2 4 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		242241111111111221111111 A/R
40 41 42 43 44 45 46 47	71-7618 71-7561 71-7245 60-7291 71-7244 60-7269 71-7526 60-7264	Intermediate wheel c/w spindle Spindle Spacer Ring-inner Sprag Clutch Retainer Ring-outer Circtip Sprag Clutch Assy Sprag Clutch Assy	1 1 1 1 1 1	1 1 1 1 1 1 1 1	- - - - -
÷/	00-7204	Spirol Pin	4	4	4

* Use Loctite 270 Sealant



CRANKCASE

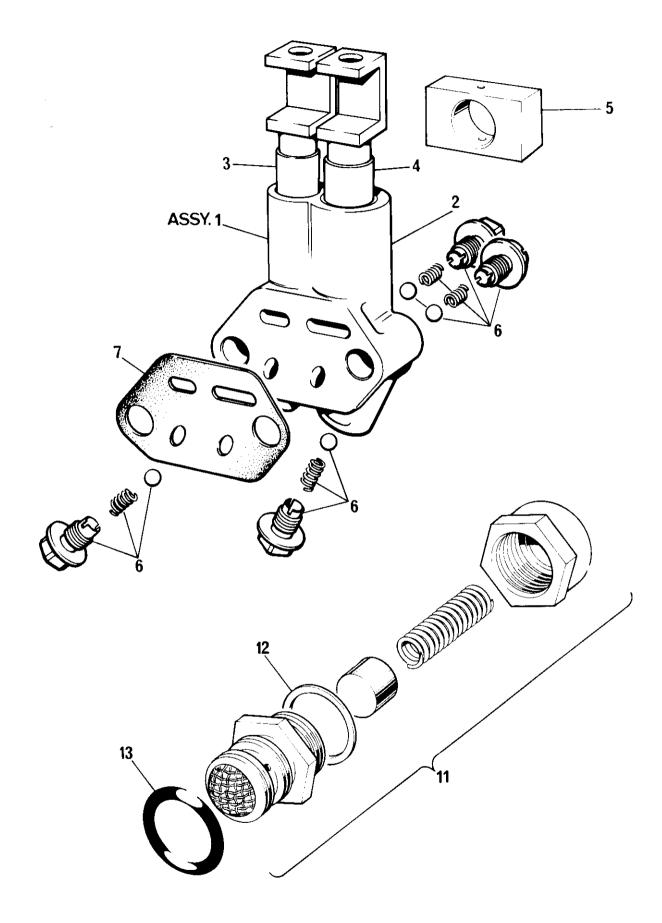
CRANKCASE

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Ref. No.	Part No.	Description	ES TSS	ES TS8	K/S TSS
Ref. No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 30 31 32 33 45 36 37 38 9 40 41 42 43 44 46 47 48 49 40 41 42 43 44 46 47 48 49 40 41 42 43 44 46 47 48 49 40 41 42 43 44 46 47 48 49 40 41 42 43 44 46 47 48 49 40 41 42 43 44 46 47 48 49 40 41 42 43 44 46 47 48 49 40 41 42 43 44 46 47 48 49 40 41 42 43 44 46 47 48 49	Part No. 71-0287 71-3989 71-7258 71-0286 70-4538 70-6386 57-0989 57-0912 71-7627 71-7489 70-8751 14-1445 60-4246 14-1303 57-1606 70-9330 82-1880 21-1871 37-3761 21-1863 71-7365 21-1872 21-1870 14-6220 14-6223 14-0230 21-1823 60-2330 14-1302 70-9336 70-8782 57-2167 60-7132 21-0543 70-2441 71-7259 70-6299 57-2166 70-8782 14-6242 21-0669 14-0402 70-9334 71-1077 60-2428	*CRANKCASE DRIVE SIDE Camshaft bush L.H. Hollow dowel, crankcase joint Chain tensioner Privot Pin	Reference 2 1 1 Reference 2 1	5 TS8 ce Only 2 1 1	
50 51 56 57 58 59 60 • NOTE CF	71-1460 70-7354 71-1345 70-6559 71-4044 71-7645 21-7121	Joint washer Screw Grommet, alternator leads - external Washer, outlet stub screw Outlet stub Hollow dowel cyl base L/H Stud c/case to barrel ARE SUPPLIED ONLY AS MATCHED PAIRS PART No. 71-76	1 2 1 2 1 2 4	1 2 1 2 1 2 4 SS	1 2 1 2 1 2 4
• NOTE CF	ANKCASES	ARE SUPPLIED ONLY AS MATCHED PAIRS PART No. 71-76 71-74		SS S8	



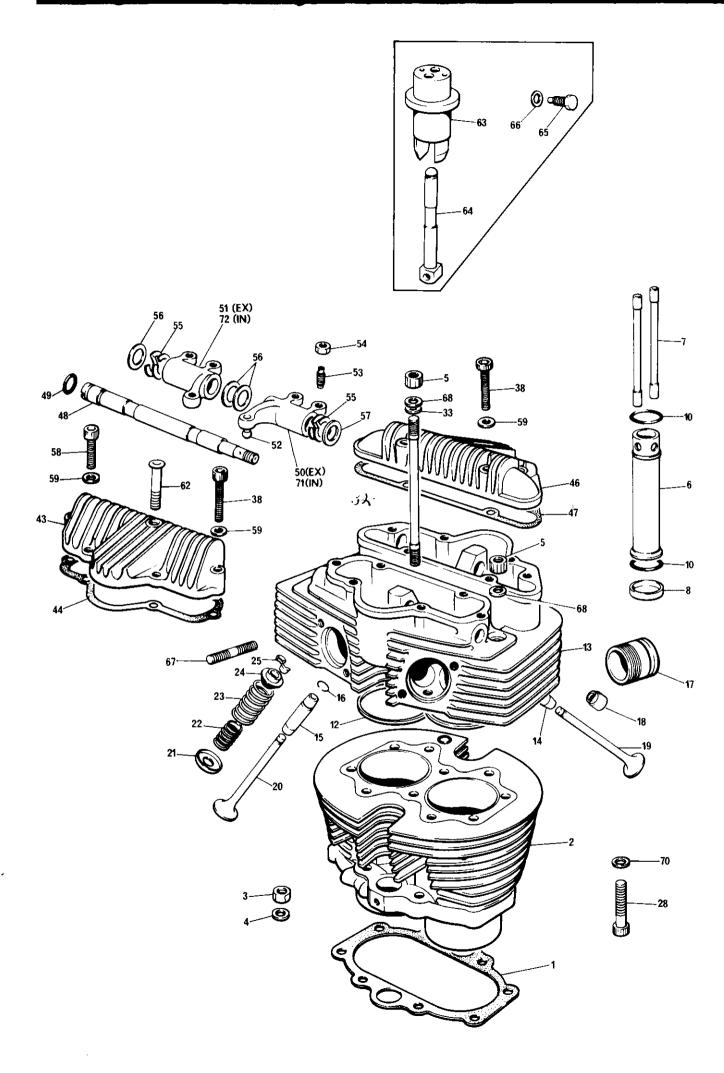
OIL PUMP AND RELEASE VALVE

OIL PUMP AND RELEASE VALVE

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Ref. No.	Part. No.	Description	ES TSS	ES TS8	K/S TSS
1	71-7317	Oil pump complete	1 .	1	1
2	71-7253	Pump body	1	1	1
3	70-9269	Feed plunger	1	1	1
4	70-6681	Scavenger plunger	1	1	1
5	70-0495	Drive block	1	1	1
6	99-7508	OIL PUMP VALVE PACK	1	1	1
7	71-3910	Joint washer	1	1	1
NŁ	14-7007	Fixing screw short 11/4" U.H.	1	1	1
NI	14-7008	Fixing screw long 11/2" U.H.	1	1	1
NI	60-2417	Washer spring - Fixing screw	2	2	2
11	71-3447	Oil pressure release valve	1	1	1
12	70-8754	Joint washer (cap to body)	1	1	1
13	60-3355	'O' ring, release valve	1	1	1

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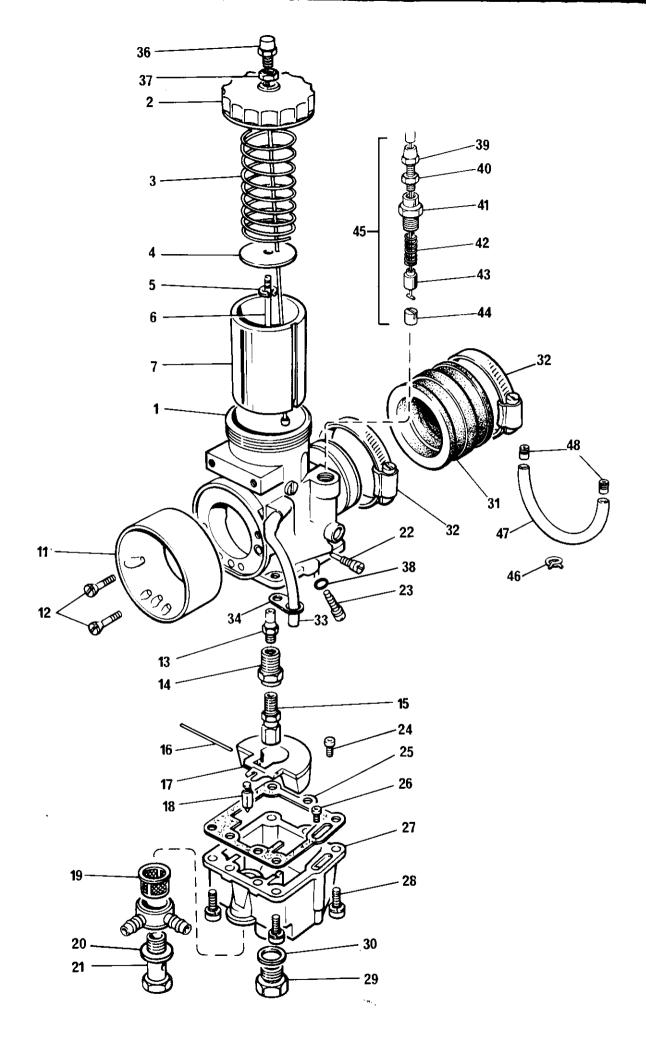


CYLINDER BLOCK AND HEAD

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Ref. No.	Part No.	Description	TSS ES TS8 ES TSS K/S
1 2 3 4 5 6 7 8 10 12 13 14 15 16 17 18 19 20 21 22 23 24 25 28 32 33 8 NI NI 43 44	71-7634 71-7487 21-1908 70-3446 21-0692 71-7385 71-7382 71-7382 71-7196 71-1283 71-7451 71-7651 71-7346 71-7347 70-3209 71-7447 60-7363 71-7288 71-7285 71-7285 71-7285 71-7285 71-7285 71-7367 14-1022 71-7366 70-6299 14-7007 60-7289 60-7290 71-7474 71-7276	Cylinder base washer Cylinder barrel assy Cylinder base nut Washer Cylinder head nut (12 point) Push rod cover tube Push rod Sleeve 'O' ring Cylinder head joint ring Cylinder head joint ring Cylinder head assy. Inlet valve guide Exhaust valve guide Inlet stub Seal-inlet valve Inlet stub Seal-inlet valve Exhaust valve Bottom cup Inner valve spring Diner valve spring Socket head bolt Cylinder head to barrel stud 'O' ring Socket head screw Helicoil inserts cyl head Helicoil inserts cyl head Tappet insp cover exhaust Joint washer exhaust cover	1 1 4 4 6 2 4 2 4 2 4 2 4 4 4 8 8 8 8 8 6 4 2 2 8 2 2 1 1 4 4 8 8 8 8 8 8 8 8 1 4 2 2 8 2 2 1 1 4 4 8 8 8 8 8 8 8 16 4 2 8 2 8 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
46 47 48 49 50 51 52 53 54 55 56 57 58 59 62 63 64 65 66 N.I. 67 68	71-7472 71-7277 71-7350 60-7365 71-7690 71-7691 71-7274 71-7275 14-0401 71-7287 21-7060 21-7090 14-7004 60-3963 83-7500 71-7194 71-7644 71-7357 70-2441 70-7563 21-7057 21-7146	Tappet inspection cover inlet Joint washer inlet cover Rocker spindle Sealing ring Rocker exhaust, left Rocker exhaust, right Ball pin Adjuster pin Lock nut Spring washer Thrust washer (· 54") Thrust washer (· 54") Thrust washer (· 40") Screw - socket head Plain washer Connector - Breather Tappet Guide Block Tappet Set Bolt Washer 'O' Ring Tappet Guide Block Stud exhaust flange Washer	1 1 2 2 1 1 4 4 4 4 6 2 4 1 2 4 2 2 2 4 6
70 71 72	60-2418 71-7692 71-7693	Spring washer bolt cyl head to barrel Rocker (Inlet, left) Rocker (Inlet, right)	4 1 1

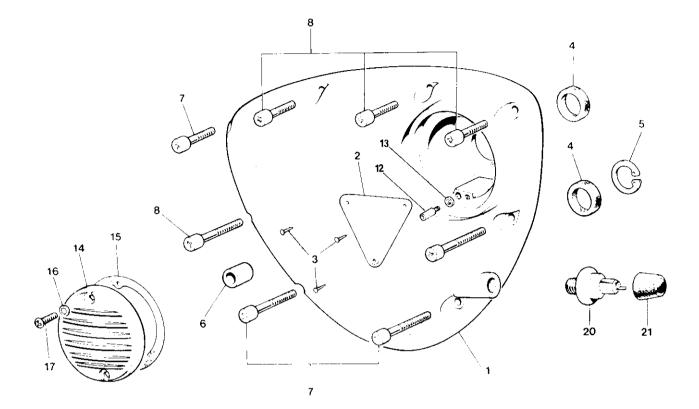
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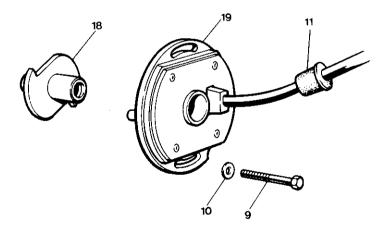


CARBURETOR AMAL MKII CONCENTRIC

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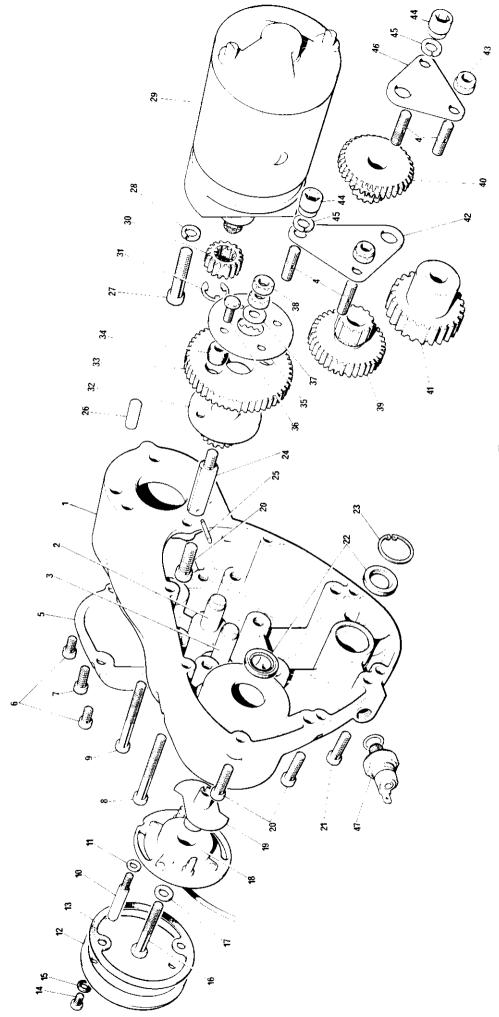
TIMING COVER AND CONTACT BREAKER

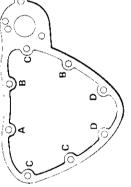
TIMING COVER AND PULSE SENSOR

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Ref. No.	Part No.	Description	TSS K/S
1 2 3 4 4 5 6 7 8 9 10 11 12 13	71-7318 70-4016 60-4255 70-4568 70-6387 71-7263 70-4569 57-0989 14-7007 14-7006 14-0207 70-8163 70-4707 70-7680 70-6559	Timing cover c/w Patent plate Patent plate Hammer - drive screw Oil seal Oil seal (0 · 020 in. undersize) Joint Washer - Timing Cover Circlip Hollow dowel Screw, long Screw, short Bolt Plain washer Rubber grommet Pillar bolt Plain washer	1 3 1 A 1 1 2 2 6 1 1 1 2 2 2
14 15 16 17 18 19 20 21	71-7159 71-1462 97-0430 70-7354 99-7043 99-7043 99-7550 60-3719 71-2930	Cover Joint washer Fibre washer Screw (½ in. U.H.) Reluctor Lucas 54400905 Pulse sensor c/w lead Lucas Oil pressure switch Cover pressure switch	1 1 2 2 1 1 1 1 1

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DRMATION	QUANTITY	-080
COVER TO CRANKCASE SCREW INFORMATION	LENGTH UH	2 ^{1/2} " 2 ^{3/4} " 1 ^{1/4} "
TO CRANKCAS	PART No	14-7012 14-7013 14-7006 14-7007
COVER	LETTER	∢œ∪∩

E/S TIMING COVER GEARS

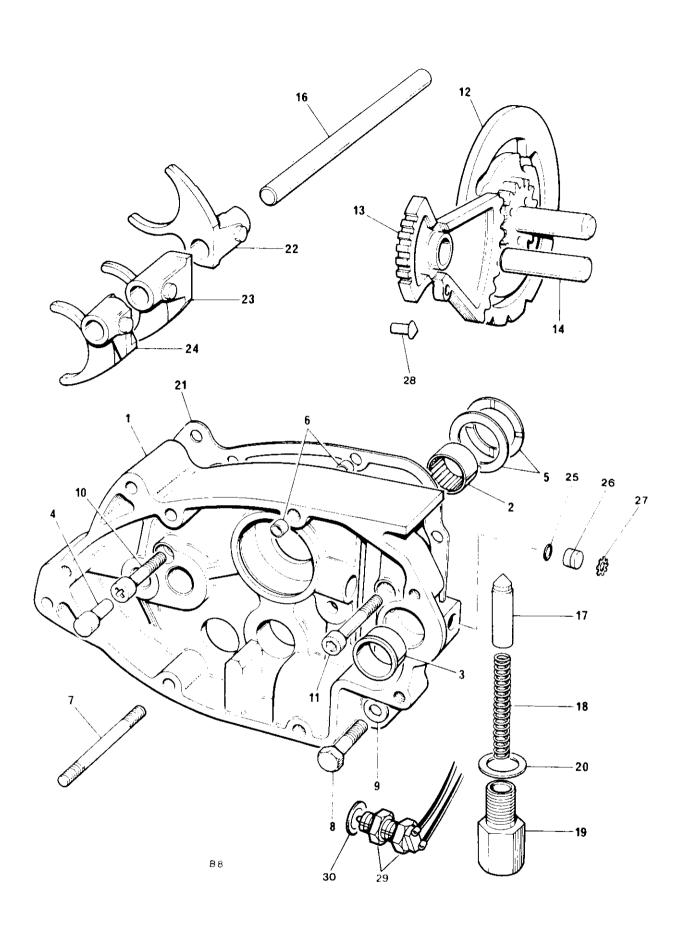
1 71-7606 Timing Cover 1 1 71-7377 Spindle: 2nd stage 1 2 71-7377 Spindle: 2nd stage 1 3 71-7377 Spindle: 2nd stage 1 4 21-7066 Stud-Outrigger plate 4 5 71-7327 Cover-starter motor 1 5 71-7327 Cover starter motor 1 6 14-7003 Screw-cover to case %" UH 2 7 14-7006 Screw-cover to case %" UH 2 9 14-7013 Screw-timing cover to c/case 2%" UH 2 10 71-7400 Pillar bolt 2 2 11 70-6559 Washer-pillar bolt 4 4 12 71-14/2 Gasket-cover 1 1 14 70-7354 Screw-cover to c/case 1" UH 2 2 15 97-0430 Washer-bolt 1 1 1 14 70-7354 Screw-cover to c/case 1" UH 3 3 2 16 14-0207 Bolt-reluctor fixing 1	REF No	PART No	DESCRIPTION	TSS	TS8
1 71-7801 Timing Cover 1 2 71-7377 Spindle: 2nd stage 1 3 71-7376 Spindle: 2nd stage 1 4 21-7066 Stud Outrigge plate 4 4 21-7066 Stud Outrigge plate 4 5 71-7593 Cover-starter motor 1 5 71-7328 Joint washer-cover 1 6 14-7003 Screw-cover to case 1" UH 2 7 14-7012 Screw-cover to case 2%" UH 2 9 14-7013 Screw-cover to c/case 2%" UH 2 10 71-7400 Pillar bolt 4 4 12 71-7159 Cover-pulse sensor 1 1 13 71-1462 Gasket-cover 1 1 14 70-7354 Screw-cover fixing 2 2 15 97-0430 Washer-bolt 1 1 17 70-8163 Washer-bolt 1 1 18 99-7043 Reluctor 1 1 21 14-7006	1	71-7606	Timing cover	_	
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3 71-7376 Spindle: 3rd stage 1 4 21-7066 Stud-Outrigger plate 4 5 71-7327 Cover starter motor - 5 71-7327 Cover starter motor - 6 14-7003 Screw-cover to case ½a" UH 2 7 14-7013 Screw-cover to case ½a" UH 2 9 14-7013 Screw-timing cover to c/case 2½a" UH 2 10 71-7400 Pillar bolt 4 4 12 71-7400 Pillar bolt 4 4 13 71-1462 Gasket-cover 1 1 14 70-7354 Screw-cover fixing 2 2 15 97-0430 Washer-fibre 2 2 16 14-0207 Bolt-reluctor fixing 1 1 17 70-8163 Washer-bolt 1 1 18 99-7550 Pulse sensor 1 1 21 14<7007	2			1	- 1
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25 60.7385 Roll pin-spindle fixing 1 26 71-7383 Dowel-motor to cover 1 N1 60.7295 'O' Ring-motor to cover 1 27 14.7020 Screw-motor to cover 3 3 28 60-2428 Washer-spring for screw 3 3 29 60-7296 Starter motor 1 1 30 71-7226 Pinion-starter motor 1 1 31 60-7292 Retainer-pinion to starter motor 1 1 32 71-7416 Pinion no. 3 & coupling-16T 1 1 33 71-7417 Pinion no.2-54T 1 1 34 60-7340 Bush-shock absorber 2 2 35 71-7418 Face washer-bush retainer 1 1 36 21-7083 Screw-face washer 1 1 37 60-2330 Washer-thrust 2 2 38 14-0402 Nut-end float adjustment 1 1 39 71-7242 Gear no. 8 - 19T assy 1 1			Spindle for gear 2/3	2	
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N1 60-7295 'O' Ring-motor to cover 1 1 27 14-7020 Screw-motor to cover 3 3 28 60-2428 Washer-spring for screw 3 3 29 60-7296 Starter motor 1 1 30 71-7226 Pinion-starter motor 1 1 31 60-7292 Retainer-pinion to starter motor 1 1 32 71-7416 Pinion no. 3 & coupling-16T 1 1 33 71-7417 Pinion no. 2-54T 1 1 34 60-7340 Bush-shock absorber 2 2 35 71-7418 Face washer-bush retainer 1 1 36 21-7083 Screw-face washer 1 1 37 60-2330 Washer-thrust 2 2 38 14-0402 Nut -end float adjustment 1 1 39 71-7242 Gear no. 6/7 36 - 9T 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-uppe				1	1
27 14.7020 Screw-motor to cover 3 3 28 60-2428 Washer-spring for screw 3 3 29 60-7296 Starter motor 1 1 30 71-7226 Pinion-starter motor 1 1 31 60-7292 Retainer-pinion to starter motor 1 1 32 71-7416 Pinion no. 3 & coupling-16T 1 1 33 71-7417 Pinion no.2-54T 1 1 34 60-7340 Bush-shock absorber 2 2 35 71-7418 Face washer-bush retainer 1 1 36 21-7083 Screw-face washer 1 1 37 60-2330 Washer-thrust 2 2 38 14-0402 Nut-end float adjustment 1 1 39 71-7242 Gear no. 4/5 36-16T 2 2 40 71-7619 Gear no. 8/7 36 - 9T 1 1 41 71-7619 Gear no. 8/7 36 - 9T 1 1 42 71-7379 Plate-upper outri				1	1
28 60-2428 Washer-spring for screw 3 3 29 60-7296 Starter motor 1 1 30 71-7226 Pinion-starter motor 1 1 31 60-7292 Retainer-pinion to starter motor 1 1 32 71-7416 Pinion no. 3 & coupling-16T 1 1 33 71-7417 Pinion no.2-54T 1 1 34 60-7340 Bush-shock absorber 2 2 35 71-7418 Face washer-bush retainer 1 1 36 21-7083 Screw-face washer 1 1 37 60-2330 Washer-thrust 2 2 38 14-0402 Nut-end float adjustment 1 1 39 71-7242 Gear no. 4/5 36-16T 2 2 40 71-7619 Gear no. 8 - 19T assy 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 44 21-7092 Nut-socket hea	27			3	1
29 60-7296 Starter motor 1 1 30 71-7226 Pinion-starter motor 1 1 31 60-7292 Retainer-pinion to starter motor 1 1 32 71-7416 Pinion no. 3 & coupling-16T 1 1 33 71-7417 Pinion no.2-54T 1 1 34 60-7340 Bush-shock absorber 2 2 35 71-7418 Face washer-bush retainer 1 1 36 21-7083 Screw-face washer 1 1 37 60-2330 Washer-thrust 2 2 38 14-0402 Nut-end float adjustment 1 1 39 71-7242 Gear no. 6/7 36 - 9T 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-plate fixing 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring <	28			3	
30 71-7226 Pinion-starter motor 1 1 31 60-7292 Retainer-pinion to starter motor 1 1 32 71-7416 Pinion no. 3 & coupling-16T 1 1 33 71-7417 Pinion no.2-54T 1 1 34 60-7340 Bush-shock absorber 2 2 35 71-7418 Face washer-bush retainer 1 1 36 21-7083 Screw-face washer 1 1 37 60-2330 Washer-thrust 2 2 38 14-0402 Nut end float adjustment 1 1 39 71-7242 Gear no. 4/5 36-16T 2 2 40 71-7621 Gear no. 8 - 19T assy 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-socket head 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring	29	60-7296	Starter motor	1	
31 60-7292 Retainer-pinion to starter motor 1 1 32 71-7416 Pinion no. 3 & coupling-16T 1 1 33 71-7417 Pinion no.2-54T 1 1 34 60-7340 Bush-shock absorber 2 2 35 71-7418 Face washer-bush retainer 1 1 36 21-7083 Screw-face washer 1 1 37 60-2330 Washer-thrust 2 2 38 14-0402 Nut-end float adjustment 1 1 39 71-7242 Gear no. 4/5 36-16T 2 2 40 71-7621 Gear no. 6/7 36 - 9T 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-plate fixing 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger		71-7226		1	1
32 71-7416 Pinion no. 3 & coupling-16T 1 1 33 71-7417 Pinion no.2-54T 1 1 34 60-7340 Bush-shock absorber 2 2 35 71-7418 Face washer-bush retainer 1 1 36 21-7083 Screw-face washer 1 1 37 60-2330 Washer-thrust 2 2 38 14-0402 Nut end float adjustment 1 1 39 71-7242 Gear no. 4/5 36-16T 2 2 40 71-7621 Gear no. 6/7 36 - 9T 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-plate fixing 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 </td <td>31</td> <td>60-7292</td> <td></td> <td>1</td> <td>1</td>	31	60-7292		1	1
33 71-7417 Pinion no.2-54T 1 1 1 34 60-7340 Bush-shock absorber 2 2 35 71-7418 Face washer-bush retainer 1 1 36 21-7083 Screw-face washer 1 1 37 60-2330 Washer-thrust 2 2 38 14-0402 Nut-end float adjustment 1 1 39 71-7242 Gear no. 4/5 36-16T 2 2 40 71-7621 Gear no. 6/7 36 - 9T 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-plate fixing 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1		71-7416	Pinion no. 3 & coupling-16T	1	1
35 71-7418 Face washer-bush retainer 1 1 36 21-7083 Screw-face washer 1 1 37 60-2330 Washer-thrust 2 2 38 14-0402 Nut-end float adjustment 1 1 39 71-7242 Gear no. 4/5 36-16T 2 2 40 71-7621 Gear no. 6/7 36 - 9T 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-socket head 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1		71-7417	Pinion no.2-54T	1	1
35 71-7418 Face washer-bush retainer 1 1 36 21-7083 Screw-face washer 1 1 37 60-2330 Washer-thrust 2 2 38 14-0402 Nut-end float adjustment 1 1 39 71-7242 Gear no. 4/5 36-16T 2 2 40 71-7621 Gear no. 6/7 36 - 9T 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-socket head 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1		60-7340	Bush-shock absorber	2	2
36 21-7083 Screw-face washer 1 1 37 60-2330 Washer-thrust 2 2 38 14-0402 Nut-end float adjustment 1 1 39 71-7242 Gear no. 4/5 36-16T 2 2 40 71-7621 Gear no. 6/7 36 - 9T 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-plate fixing 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1		71-7418	Face washer-bush retainer		2 1
37 60-2330 Washer-thrust 2 2 38 14-0402 Nut-end float adjustment 1 1 39 71-7242 Gear no. 4/5 36-16T 2 2 40 71-7621 Gear no. 6/7 36 - 9T 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-socket head 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1			Screw-face washer		
38 14-0402 Nut-end float adjustment 1 1 39 71-7242 Gear no. 4/5 36-16T 2 2 40 71-7621 Gear no. 6/7 36 - 9T 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-plate fixing 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1					
39 71-7242 Gear no. 4/5 36-16T 2 2 40 71-7621 Gear no. 6/7 36 - 9T 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-plate fixing 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1			Nutiend float adjustment		1
40 71-7621 Gear no. 6/7 36 - 9T 1 1 41 71-7619 Gear no. 8 - 19T assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-plate fixing 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1				2	
41 71-7619 Gear no. 8 - 191 assy 1 1 42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-plate fixing 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1			Gear no. 6/7 36 - 9T		1
42 71-7379 Plate-upper outrigger 1 1 43 14-1202 Nut-plate fixing 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1				1	
43 14-1202 Nut-plate fixing 2 2 44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1					1
44 21-7092 Nut-socket head 2 2 45 60-2428 Washer spring 2 2 46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1					2
46 71-7380 Plate-Lower outrigger 1 1 47 60-3719 Oil pressure switch 1 1					2
47 60-3719 Oil pressure switch 1 1				2	
			Plate-Lower outrigger	1	
1 1				1	
	141	11-1421	Cush Drive Assy	1	1

Note:- For Sprag clutch information see page 11

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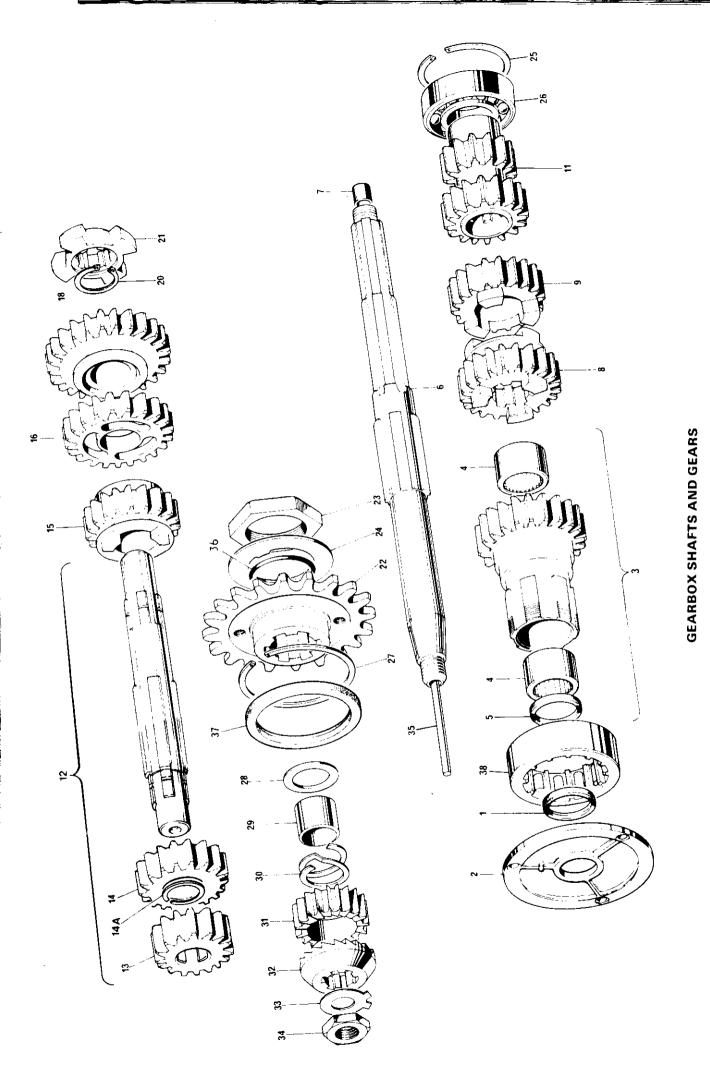


GEARBOX INNER COVER AND SELECTORS

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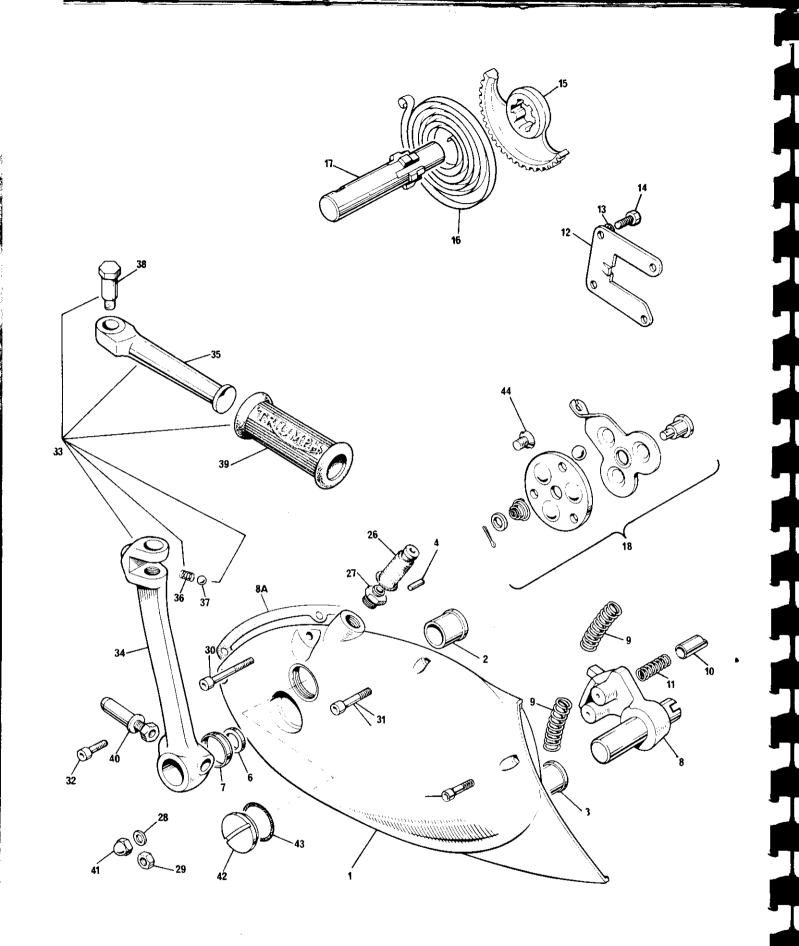
GEARBOX INNER COVER AND SELECTORS

Ref. No.	Part No.	Description	TSS	TS8
1	57-7078	GEARBOX INNER COVER	-	1
1	57-7049	GEARBOX INNER COVER	1	-
2	57-1614	Layshaft bearing	i	1
3	57-7009	Gearchange spindle bush	1	1
4	57-0045	Kickstart stop	1	1
5	57-1607	Thrust washer	2	2
6	57-0989	Hollow dowel	4	2 4 2
7	21-2149	Stud	2	2
8	21-1907	Bolt	· 1	1
2 3 4 5 6 7 8 9	70-3446	Washer	1	1
10	14-6608	Screw	1	1
11	14-7023	Screw	1	1
12	57-4889	Camplate	1	1
13	57-7052	Operating quadrant c/w pin	1	1
14	57-7011	Quadrant spindle	1	1
16	57-3989	Selector fork rod	1	1
- 17	57-7020	Index plunger	1	1
18	57-4459	Plunger spring	1	1
19	57-4400	Housing, index plunger	1	1
20	57-3978	Washer	1	1
21	57-7012	Joint washer, inner cover to crankcase	1	1
22	57-4364	Selector fork - mainshaft 4th gear	1	1
23	57-4366	Selector fork - layshaft 3rd gear	1	1
24	57-4660	Selector fork - layshaft 1st gear	1	1
25	37-3761	'O' ring	1	1
26	57-7015	Plug	1	1
27	57-7016	Retainer	1	1
28	57-7041	Operating pin	1	1
29	60-7240	Switch neutral C/W lock nut	1	1
30	70-1335	Washer - For Switch	1	I
NI	57-7069	Spacer	-	1



GEARBOX SHAFTS AND GEARS

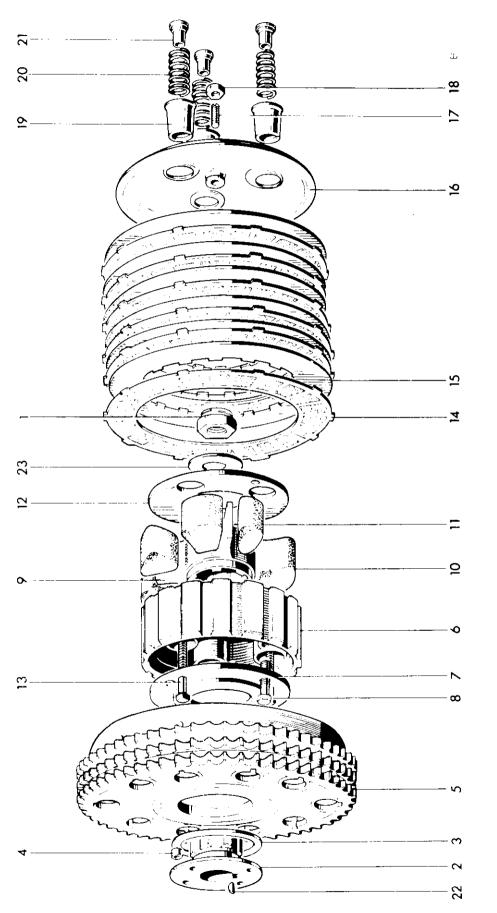
Ref. No.	Part No.	Description	TSS	TS8
1 2 3 4 5 6 7 8 9 11 12 13 14 14 15 16 18 20 21 22 23 24 5 26 27 28 20 31 32 33	60-3500 70-3789 57-4779 60-3511 60-3500 57-7077 57-3988 57-4376 57-4377 57-4653 57-4900 57-4791 57-4787 57-4657 57-4657 57-4654 60-3494 57-4657 57-4654 60-3494 57-4661 57-4782 57-4654 57-4661 57-4782 57-4654 60-3494 57-4652 57-4909 70-0489 60-3552 57-4113 57-1962 57-1963 57-1250 57-0730 57-0731 57-0731	Oil seal, cover plate Cover plate MAINSHAFT HIGH GEAR ASSEMBLY Needle roller bearing Oil seal, high gear MAINSHAFT Bush Mainshaft 4th gear MAINSHAFT 3rd GEAR c/w bush Mainshaft 1st and 2nd gear LAYSHAFT ASSY Layshaft 1st and 2nd gear LAYSHAFT ASSY Layshaft 4th gear c/w bush Circlip for layshaft high gear Layshaft 3rd gear LAYSHAFT 2nd GEAR c/w bush LAYSHAFT 1st GEAR c/w bush Circlip Driving dog Gearbox sprocket - 20T Gearbox sprocket - 20T Gearbox sprocket 21T Locknut Lock washer Circlip Mainshaft bearing Circlip Washer Pinion sleeve Pinion spring Kickstart pinion Kickstart ratchet Tab washer	TSS 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	TS8 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
32	57-0731	Kickstart ratchet	1 1 1 1 1 1	1 1 1 1 1 1 1



GEARBOX OUTER COVER

GEARBOX OUTER COVER

Ref. No.	Part No.	Description	TSS	TS8
1	57-7071	GEARBOX OUTER COVER	-	1
1	57-7050	GEARBOX OUTER COVER	1	-
2	57-0023	Kickstarter spindle bush	1	1
3	57-7008	Gearchange spindle bush	1	1
4	57-0047	Kickstarter spring anchor pin	1	1
6	57-1956	Oil seal	1	1
7	57-1955	Oil seal housing	1	1
8	57-7021	Gearchange quadrant assembly	1	1
8A	71-1448	Gasket outer cover	1	
9	57-7051	Quadrant return springs	2	2 2 2 1
10	57-4403	Gearchange quadrant plunger	2	2
11 12	57-0405	Plunger spring	2	2
13	57-0407 70-1612	Guide plate Serrated washer	1	
14	14-6103	Bolt - guide plate	4	4 4
15	57-4117	Kickstarter guadrant	4 1	4
16	57-0031	Kickstarter return spring	1	1
17	57-4756	Kickstarter axle	1	1
18	57-7033X	Clutch lever assembly	1	1
26	57-1646	, Rubber cover	1	1
27	57-3762	Abutment for clutch cable	1	1
28	60-4247	Plain washer	2	2
29	14-1302	Nut	1	2 1
30	14-7013	Screw cover to crankcase	2	2 2
31	14-7007	Screw outer cover to inner	2	2
32 33	14-7006	Screw outer cover to inner	1	1
33 34	57-7018 57-2173	FOLDING KICKSTARTER ASSEMBLY	1	—
34	57-7017	Kickstarter crank Kickstarter pedal	1	
36	57-1167	Pedal locating spring	1	—
37	60-2364	Steel ball, ¼ in. diam.	1	_
38	21-0541	Pedal bolt	1	
39	57-2330	Pedal rubber	1	
40	57-4356	Cotter pin c/w nut and washer	1	
41	21-0544	Domed nut	1	1
42	57-2166	Filler plug	1	1
43	70-8782	'O' ring	1	1
44	21-1879	Screw	1	1
NI	57-7068	Blanking plug	-	1

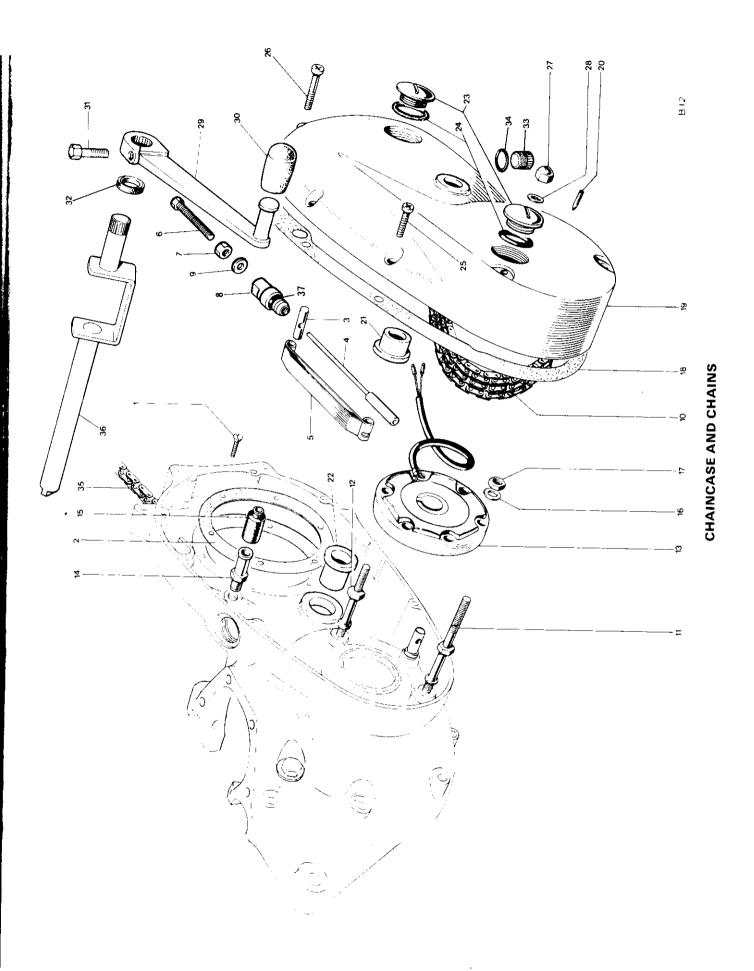


CLUTCH

CLUTCH

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		CLUTCH	TSS ES
Ref. No.	Part No.	Description	TS8 ES TSS KS
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 NI NI	21-0586 57-3929 57-3931 57-0394 57-7065 57-4438 57-4436 21-2157 57-4636 57-1722 57-1723 57-4754 57-7058 57-7058 57-7060 57-2159 14-0403 57-2159 14-0403 57-1931 57-1830 57-2526 60-4253 57-7056 57-7056	Clutch securing nut Hub Thrust washer Roller Sprocket and housing Centre Inner plate Bolt Shock absorber spider Drive rubber (large) Rebound rubber (small) Outer plate Screwed pin Driving plate (bonded) Driven plate Pressure plate Adjuster pin Nut Spring cup Spring Pressure nut Key Washer Clutch assembly complete	1 1 20 1 1 3 3 1 3 6 6 1 1 1 3 3 3 1 1 1 1 1
INI	57-4435	Clutch shock absorber assembly complete	i

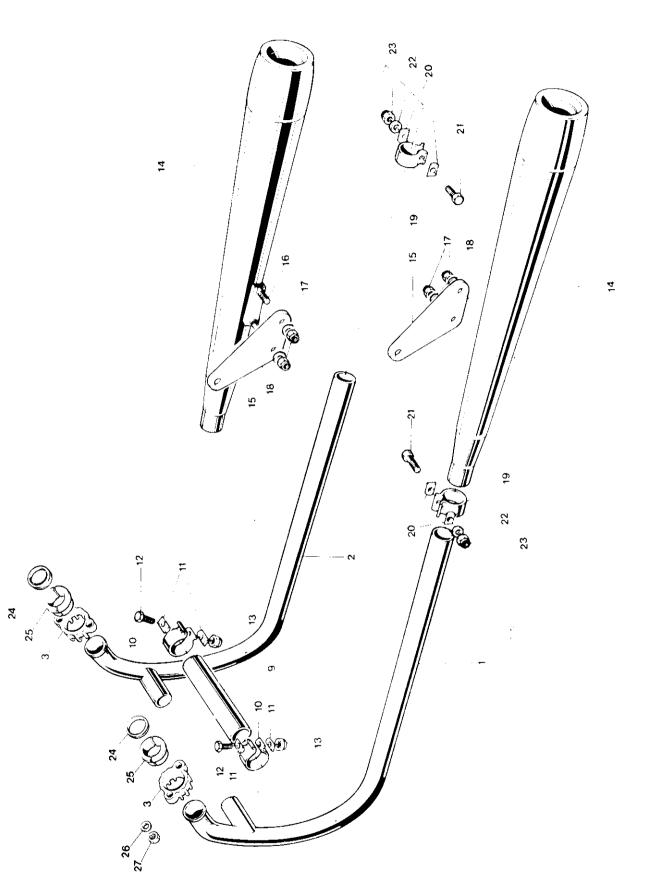


CHAINCASE AND CHAINS

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Ref. No.	Part No.	Description	TSS	TS8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	70-3821 71-1419 70-5087 71-7255 70-5085 21-7064 14-0401 71-7259 60-7268 60-7256 70-9360 70-4144 60-7256 70-9360 70-4144 60-7256 70-9360 70-4144 60-7256 70-9360 70-4144 60-7256 70-9360 70-4144 60-7256 70-9360 70-4144 60-7256 70-9360 71-7464 71-7847 71-3892 57-7055 57-7009 71-3895 71-3896 14-7006 14-7019 21-0544 82-1880 57-7010 57-2331 14-0201 57-1956 14-7017 70-6299	Countersunk screw Joint washer Trunnion Tie rod - chain tensioner Blade - chain tensioner Blade - chain tensioner Screw - chain adjuster Nut - screw Plug - tensioner screw Washer - for Nut Primary chain, 3/8 in. Triplex x 84 links Stator stud Stator stud Alternator CPTE Sleeve nut Rubber grommet Plain washer Self-locking nut Joint washer Chaincase Chaincase Chaincase Timing pointer Bush - footchange spindle Bush - footchange spindle Bush - footchange spindle inner Inspection plug 'O' ring Screw Screw Domed nut Copper washer Gearchange pedal Pedal rubber Bolt Oil seal-spindle Drain plug - primary cover 'O' ring - drain plug	6 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 2 2 6 2 2 2 1 1 1 1	58 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 2 2 6 2 2 2 1 1 1 1
35 36 37	60-7629 57-7062 70-6299	Rear chain 5/8in. x 3/8in. x 106 links G.P. Footchange spindle 'O' Ring for plug - Ref. line 8	1 1 1	1 1 1

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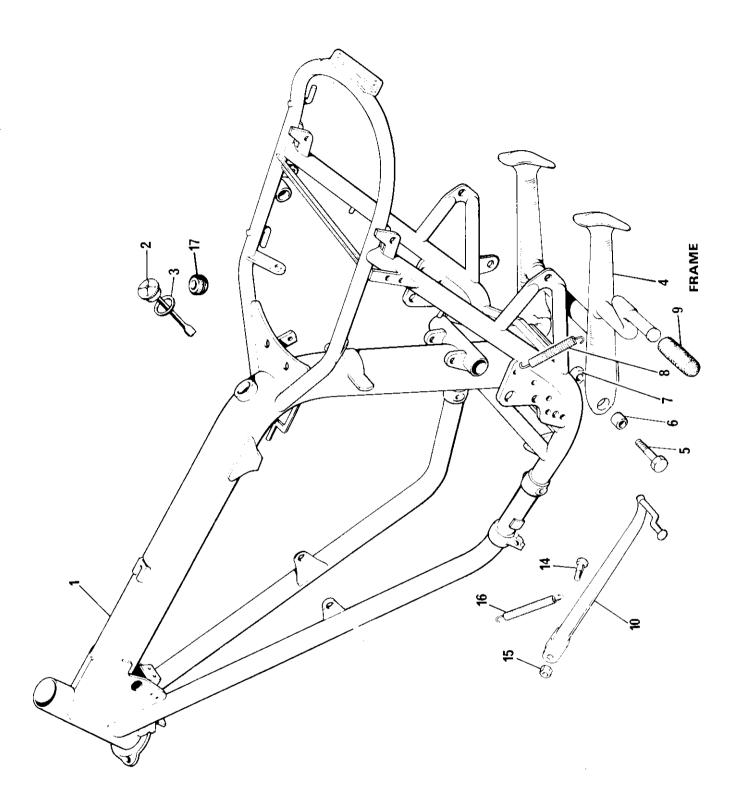


EXHAUST PIPES AND SILENCERS

EXHAUST PIPES & SILENCERS

Ref. No.	Part No.	Description	TSS ES TS8 ES TSS KS
1 2	71-7671 71-7672 71-7291	Exhaust pipe - left Exhaust pipe - right Finned clip	1
3 9 10 11 12 13 14 15	71-7673 70-7512 70-3768 14-0217 14-1202 71-4159 83-7582	Coupling pipe Clip 'D' washer Bolt Nut Silencer Hanger - Silencer	2 1 2 4 2 2 2 2 2
16 17 18 19	14-0102 14-1201 60-2338 70-5874	Bolt Nut Silencer to hanger Washer Clip	4 4 2
20 21 22 23 24 25 26 27	70-3768 14-0219 60-4247 14-1202 61-7270 71-7661 60-2428 21-7138	'D' Washer Ex pipes to silencer Bolt Washer Nut Copper washer Exhaust collet Washer Brass nut	4 2 2 2 4 halves 4 4

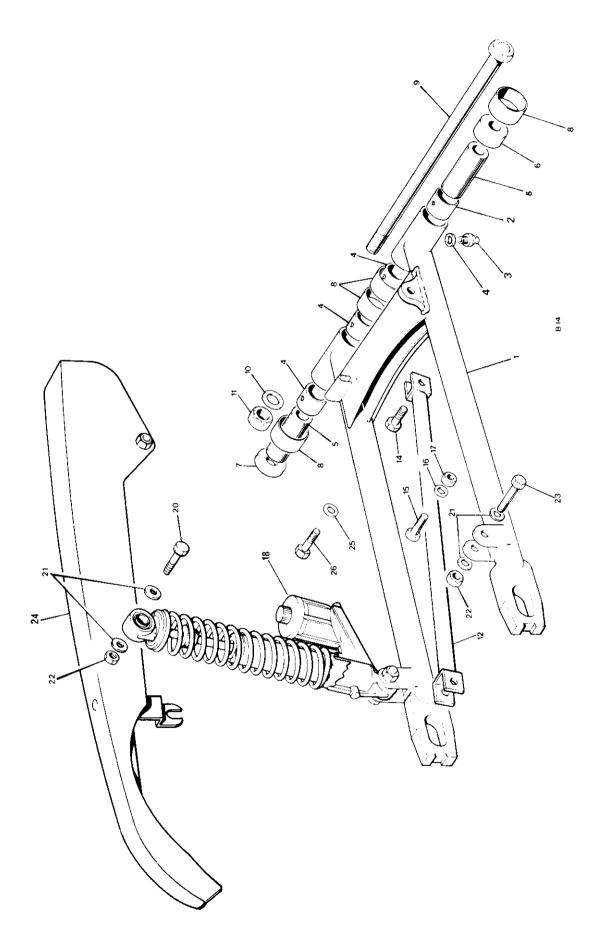
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FRAME

Ref. No.	Part No.	Description	TSS ES TS8 ES TSS KS
1	83-7537	Frame	1
2	71-3463	Oil filler cap	1
3	60-3616	'O' ring	1
4	83-7532	Centre stand	1
5	14-0147	Pivot bolt	2
6	83-7460	Pivot bearing bush	2
7	14-1305	Nut - Pivot bolt	2
8 9 10 14	83-3793 57-2331 83-7553 82-7021	Return spring Pedal rubber Prop stand Pivot bolt	1 1 1
15	14-1303	Nut - bolt	1 1 1 1
16	82-8382	Return spring	
N I	60-3361	Transfer - "made in England"	
N I	60-7168	Transfer - "Radio Suppression"	1
1 7	82-6784	Grommet-battery leads	2 ES Only

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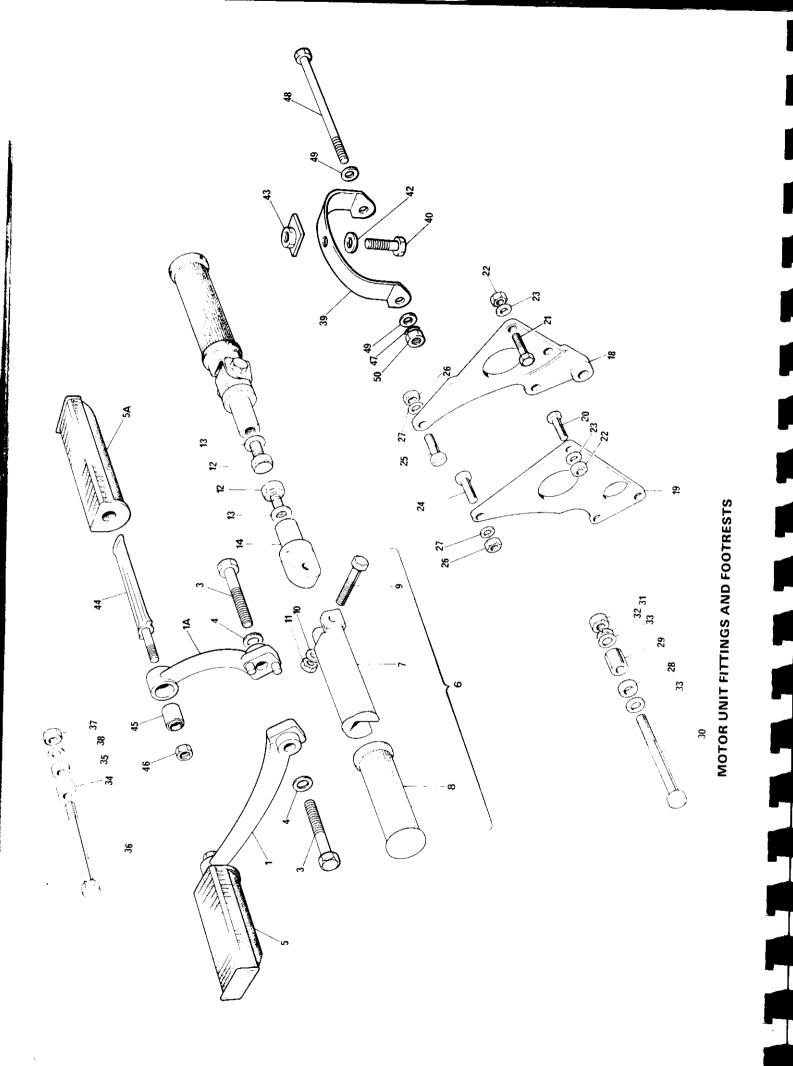
SWINGING ARM AND SUSPENSION UNITS

SWINGING ARM AND SUSPENSION UNITS

Ref. No.	Part No.	Description	TSS ES TS8 ES TSS KS
1 2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18	83-7510 83-2521 60-7336 21-7097 83-2691 83-2690 83-2689 83-2692 21-2087 83-2266 14-1307 83-7534 21-7047 21-7065 60-2331 14-1803 60-7540	SWINGING ARM Bush Grease nipple Washer for nipple Sleeve, swinging arm pivot Distance piece R.H. Distance piece L.H. Dirt excluder Pivot bolt - swinging arm Washer, swinging arm pivot Nut, swinging arm pivot Brake torque stay Bolt torque stay - swinging arm Bolt, torque stay - caliper Washer, torque stay Nut, torque stay SUSPENSION UNIT	1 4 1 2 1 1 4 1 2 1 1 1 2 2 2
20 21 22 23 24 25 26 N.I. N.I.	14-0235 60-2331 14-1303 14-0234 83-8156 60-2347 14-0206 60-1841 83-7221	Bolt, damper - top Washer,damper-top and bottom Nut,damper-top and bottom Bolt, damper, lower Chainguard Washer, chainguard fixing - front Bolt, chainguard fixing front Grease Nipple Fibre Washer	2 8 4 2 1 1 1 1 2

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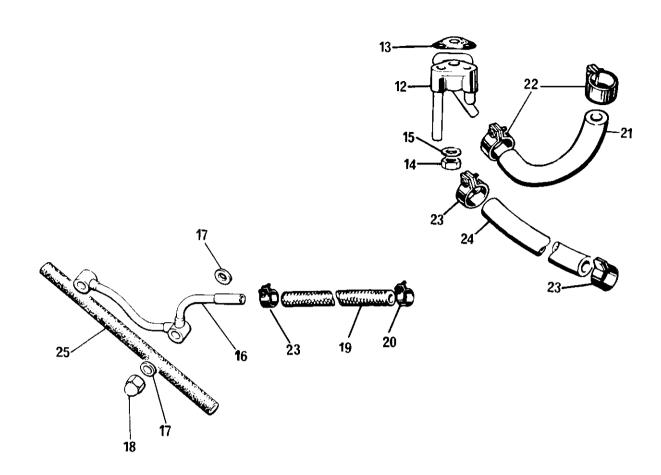
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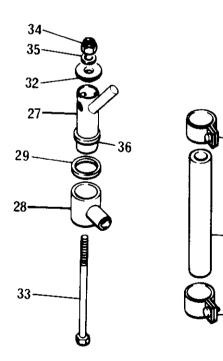


MOTOR UNIT FITTINGS AND FOOTRESTS

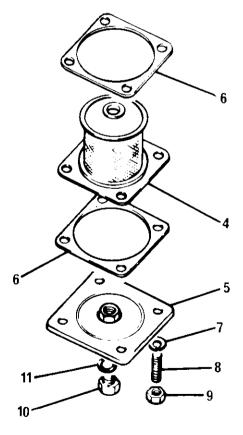
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	MOTOR UNIT FITTINGS AND FOOTRESTS				
Ref. No.	Part No.	Description	TSS ES TS8 ES TSS KS		
1 1A	83-8034 83-8036	Footrest Left Footrest right	1 1		
3 4 5 5 6 7 8 9 10 11 12 13 14 17 18 9 20 21 22 23 24 25 25 26 27 28 9 30 31	14-0259 60-2421 83-7256 83-7259 83-7695 83-7059 82-9054 14-0216 82-9089 14-1302 14-0128 60-2419 83-7694 14-1305 83-7011 83-7099 14-0115 14-0218 14-0218 14-0221 14-0221 14-0221 14-0221 14-0221 14-0221 14-1302 60-2321 83-2846 83-2847 21-2112 14-1304	Footrest bolt Washer Footrest rubber LH Footrest rubber RH PILLION FOOTREST ASSEMBLY L.H. & R.H. Pedal Pedal Rubber Bolt Washer Nut Bolt Washer Hanger to frame Hanger P/F-C/W peg Footrest bolt nut Rear motor plate right Rear motor plate left Bolt Bolt Nut Washer Bolt Rear motor plate sto frame Nut Washer Bolt-LH upper and lower Bolt-RH upper Bolt-RH upper Bolt-RH upper Bolt-RH lower Nut Washer Distance piece - left Distance piece - right Bolt Motor to frame centre bottom	2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50	60-2332 83-2848 83-2849 14-0254 14-1304 60-2332 83-8241 14-0218 60-2331 83-4086 83-8038 60-7333 14-1303 60-2419 21-7136 60-4246 14-1303	Washer Distance piece - left Distance piece - right Bolt Nut Washer Steady bracket motor to frame Bolt Washer Attachment plate Footrest Peg LH/RH Rubber Bush Nut Spring washer Bolt - Torque stay to head Nut - Torque stay to head	1 1 1 1 1 1 1 1 2 2 2 1 1 2 1		





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OIL AND BREATHER PIPES

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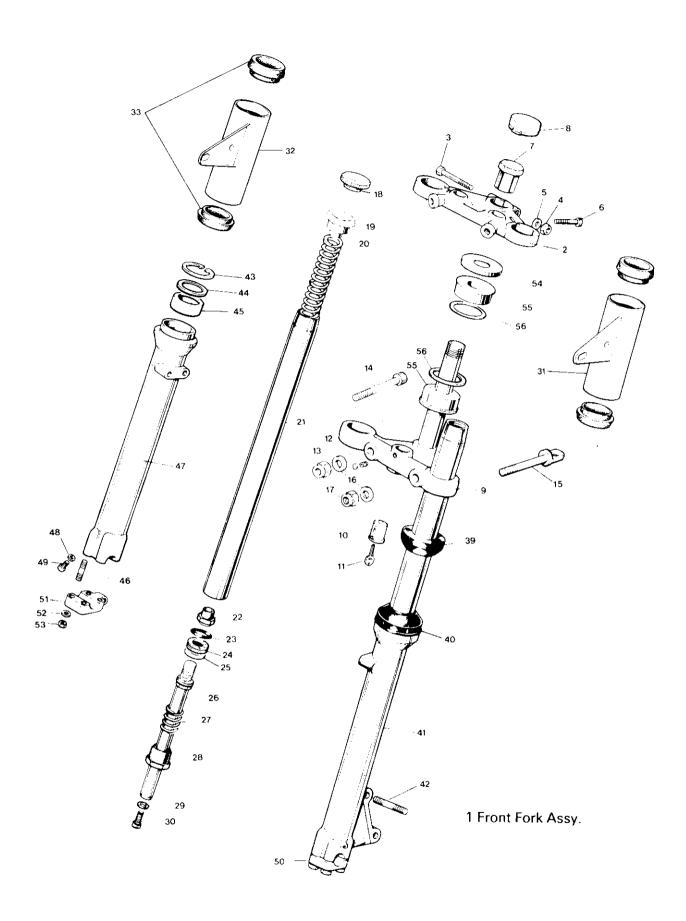
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OIL AND BREATHER PIPES

Ref. No. 4 5 6	Part No. 83-4783 71-7584 83-2829	Description Oil filter Sump plate Gasket	TSS ES TS8 ES TSS KS 1 1 2
7 8 9 10 11 12 13	60-2330 21-2109 14-1302 21-1872 37-3761 71-7176 71-3754	Washer Stud Nut Drain plug 'O' ring - drain plug Oil junction block Joint washer	2 4 4 1 1 1
14 15 16 17 18 19 20 21 22 23	21-1908 70-3446 71-7458 70-1335 21-0550 71-7662 70-6848 71-7058 60-4429 60-4428	Nut Washer Junction to block to crankcase Rocker oil pipe Washer Nut Rocker feed pipe Clip - rocker feed pipe Oil return pipe Clip - return pipe Clip - return pipe Clip - feed pipe	1 1 4 2 1 1 1 2 3
24 25 26 27 28 29 30 31 32 33 34 35 36	71-7015 83-8274 83-7323 83-8018 83-7148 21-7103 60-2252 60-7117 83-7882 14-0213 14-1901 70-2441 83-7884	Oil feed pipe Oil tank vent pipe - to rocker box Breather pipe - crankcase to air box Breather tower Banjo union Washer - banjo union Clip - breather pipe to adaptor Clip - breather pipe to banjo Cap - breather tower top Bolt - breather tower to air box Nut - breather tower to air box Washer - breather tower to air box Collar	3 1 1 1 1 1 1 1 1 1 1 1 1

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TELESCOPIC FRONT FORK

Ref. No.

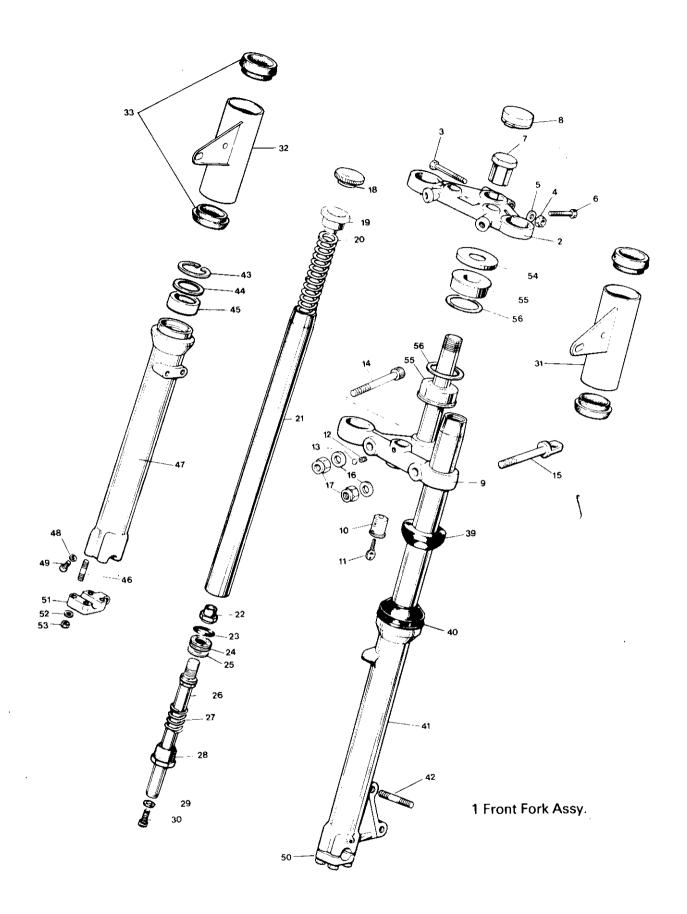
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Part No.

Description

TSS ES TS8 ES TSS KS

1	97-7172	Fork Assy - less Gaiter	
ż	97-7081	Top yoke	1
3	14-0234	Pinch bolt	1
4	14-1303	Nut	1
5	60-2331	Washer	1
2 3 4 5 6 7 8	14-1034	Cap screw	1
7	97-7070	Steering stem nut	2
8	97-7071	Cap steering stem nut	1
9	97-7095	Bottom yoke & stem	1
10	60-7271	Lock c/w 2 keys neiman type	1
11	60-0623	Key (state serial no.)	1
12	21-0578	Grub screw lock fixing	As required
13	97-2266	Sealing washer	1
14	14-0237	Pinch bolt - right	1
15	97-4476	Eye bolt - left	1
16	82-2184	Washer	
17	14-1303	Nut	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
18	97-7034	Cap screw assembly c/w insert	2
N/I	97-4259	Insert self adhesive	2
19	97-4387	Top nut	2
20	97-4011	Main spring	2
21	97-4380	Stanchion	2
22	97-4012	Nut - damper valve	2
23	97-4003	'O' ring	2
24	97-4020	Damper valve	2
25	97-4010	Plain washer - damper valve	2
26	97-4325	Damper tube	2
27	97-4009	Recoil spring	2
28	97-4076	End plug	2
29 30	97-4004	Sealing washer	2
30	14-1019	Damper fixing screw	2
32	97-7114	H'Lamp Mtg Brkt Assy LH	1
32	97-7115	H'Lamp Mtg Brkt Assy RH	
	97-7119	Mounting Sleeve	4
N.I.	97-4166	Washer For Top Nut	2



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TELESCOPIC FRONT FORK

Ref. No. Part No.

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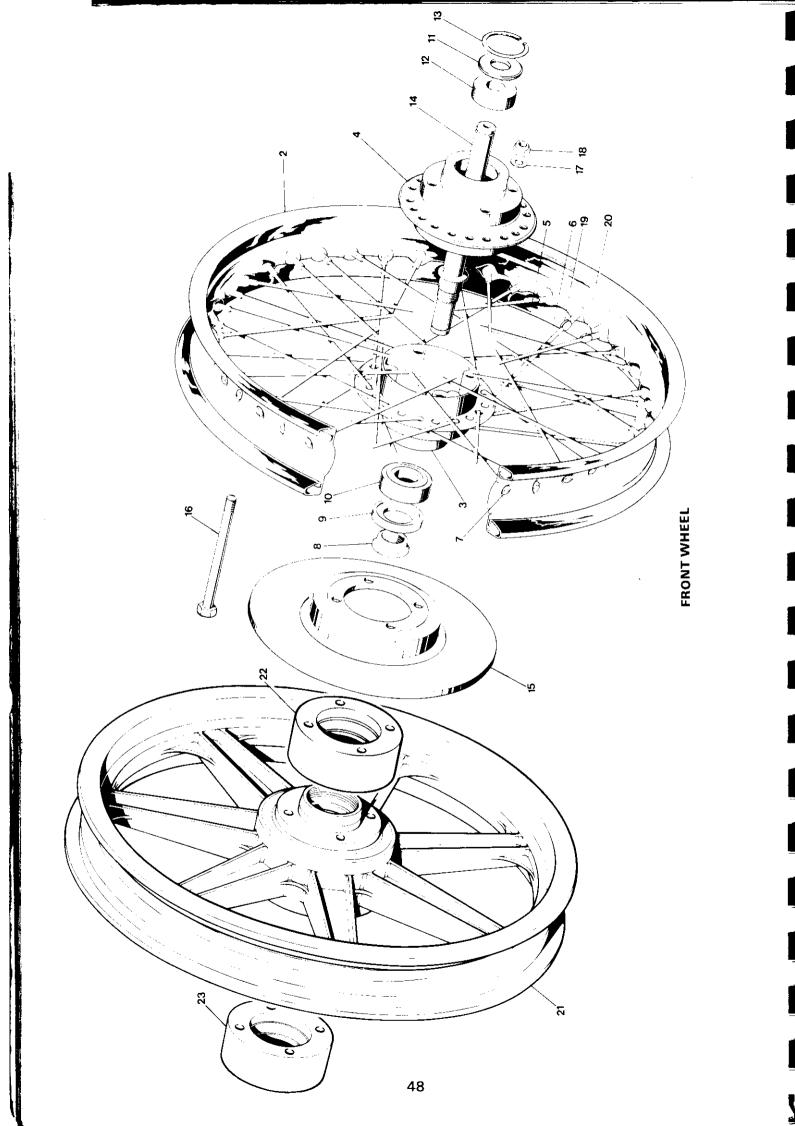
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TSS	ES
TS8	ES
TSS	KS

4097-40024197-71464221-71164360-72694497-70934597-70794621-21024797-71474360-72694497-70934597-70794621-21024897-38934997-38945097-71705197-71715260-24285314-03025497-40285597-40315683-2007N/I82-6784	Scraper sleeve Bottom member LH Stud - caliper Circlip Retainer Oil seal Stud - spindle Bottom member RH Circlip Retainer Oil seal Stud - spindle Washer - drain plug Drain plug Cap wheel spindle L.H. Cap wheel spindle R.H. Washer - cap Nut - cap Dust cover Bearing Backing ring Grommett throttle cable	2 1 2 1 1 1 1 2 2 2 1 1 8 8 1 2 2 1
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PARTS REQUIRED FOR TWIN DISC BRAKE CONDITION

15	97-4476	Eye Bolt	2
N/I	97-7174	Front Fork Assy Complete	
N/I 42		Bottom Member Assy RH C/W Helicoils Stud	1



FRONT WHEEL

1 $37-7057$ Rim, spokes and hub assy12 $37-4129$ Rim WM2 x 1913 $37-7058$ Hub - left half14 $37-7059$ Hub - right half15 $37-4131$ Spoke - outer206 $37-4130$ Spoke - inner207 $37-2294$ Nipple408 $37-4133$ Nut - wheel spindle19 $37-4134$ Lock ring - left110 $37-7041$ Bearing - left111 $37-1237$ Dust cover - right112 $37-7042$ Bearing - right113 $57-0280$ Circlip - right114 $37-4132$ Spindle115 $37-7175$ Disc Not Chromed116 $21-2207$ Bolt417 $70-8770$ WasherDisc to hub818 $14-1203$ Nut419 $37-3969$ Balance weight - shortAs required20 $37-3970$ Balance weight - shortAs required	Ref. No.	Part No.	Description	TSS ES TS8 ES TSS KS
Zo of off building Astequiled	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	37-4129 37-7058 37-7059 37-4131 37-4130 37-2294 37-4133 37-4134 37-7041 37-1237 37-7042 57-0280 37-4132 37-7175 21-2207 70-8770 14-1203	Rim WM2 x 19 Hub - left half Hub - right half Spoke - outer Spoke - inner Nipple Nut - wheel spindle Lock ring - left Bearing - left Dust cover - right Bearing - right Circlip - right Spindle Disc-Not Chromed Bolt Washer Nut	20 40 1 1 1 1 1 1 1 1 4 8 4

FRONT WHEEL-CAST ALLOY

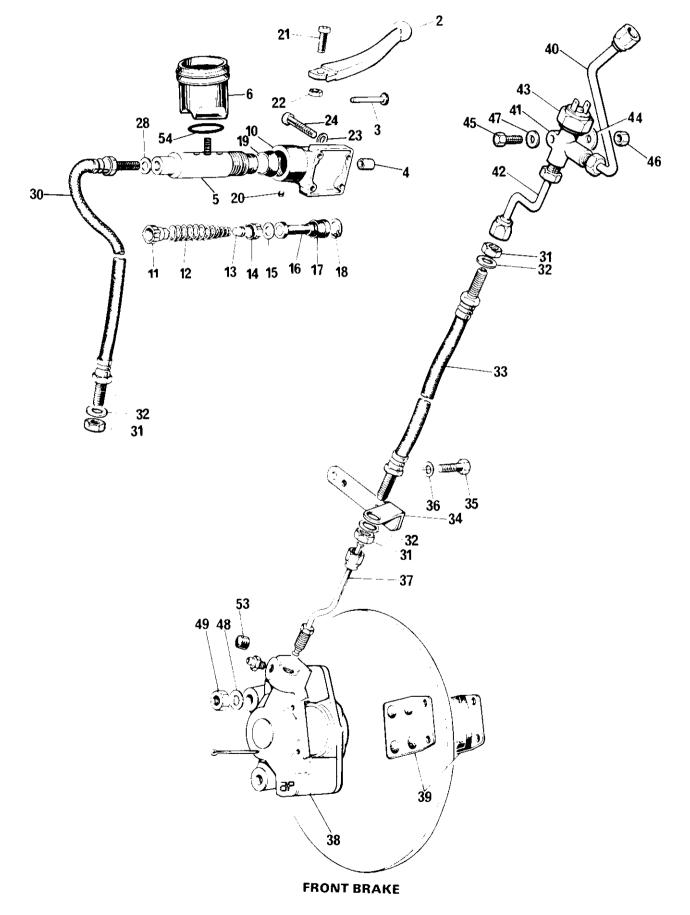
21	37-7165	Front wheel less fittings	As Reg.
22	37-7161	Bearing carrier L.H	1
23	37-7162	Bearing carrier R.H.	1

ALL OTHER PARTS AS SPOKED WHEEL.

N/I N/I 15 N/I	FRON 37-7172 37-7173 37-7175 21-7085	T WHEEL FOR TWIN DISC (SPOKE WHEEL CONDITION) Front Wheel Assy C/W Discs Rim Spokes and Hub Assy Disc Bolt-Disc To Hub	1 1 2 4
N/I 22	37-7183 37-7161	ONT WHEEL FOR TWIN DISC (CAST ALLOY WHEEL) Front Wheel Less Fittings Bearing Carrier LH	1 1
23 15 N/I	37-7162 37-7175 21-7085	Bearing Carrier RH Disc Bolt Disc To Hub	1 2 4

REF. 1 MASTER CYLINDER COMPLETE

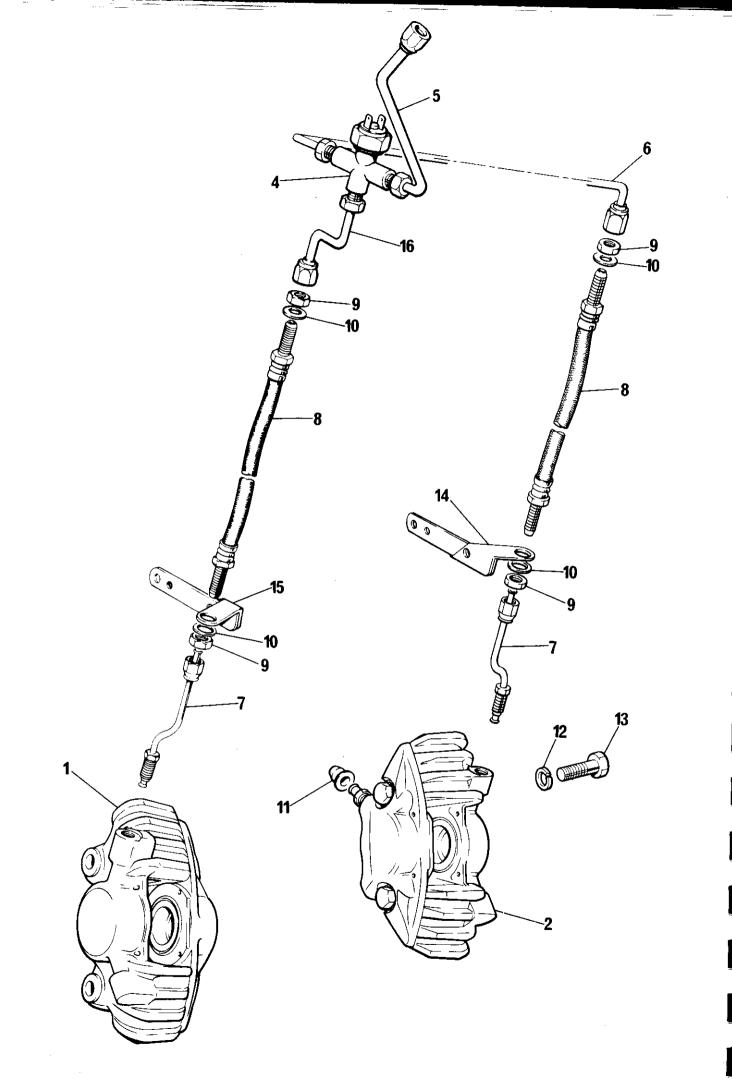




FRONT BRAKE

Ref. No.	Part No.	Makers Part No.	Departmen	TSS TS8	ES
NEL NU.	Fart NU.	Fall NU.	Description	TSS	KS
1	60-7686		MASTER CYLINDER ASSY	1	
∠ 3	97-7193 60-7158		Brake lever Push rod	1	
4	60-7165		Bush for pushrod	1	
5	99-7027	4211-134	Barrel & stud assembly	1	
2 3 4 5 6 7	60-4397	3251-821	Body Reservoir	1	
7 8	60-4365 60-4328	3847-248 3853-238	Cap	1	
9	60-4366	3818-747	Washer Diaphragm	1	
10	60-7164	0010	Master cyl mtg body	1	
11	AP.LTD	Use 99-2 768	Trap valve	1	\mathbf{i}
12	AP.LTD		Spring	1	
12 13	AP.LTD AP.LTD		Spring	1	
14	AP.LTD	Use 99-276	Spring retainer 8 Primary cup	1	
15	AP.LTD	Use 99-276	8 Piston washer	1	Ref only
16	AP.LTD		Piston	1	
17 18	AP.LTD AP.LTD	Use 99-276	8 Secondary cup	1	
19	AP.LTD AP.LTD	K29103	Circlip 8 Rubber boot	1 1	
20	AP.LTD	3476-209		1)
21	21-2191		Pivot screw	1	-
22 23	14-1201		Nut	1	
23	23-1555 21-7038		Washer Screw	4	
26	60-4183	30420	Banjo bolt	1	
27	60-4182	KL44518	Sealing washer	1	
28 29	60-4184 60-4626	KL44516	Sealing washer	1	
30	60-7174	3817-811 4376-4051	Rubber boot Hose, master cylinder/top yoke c/w boot	1	for high handlebar
30	60-4177	KL100717L	Hose, master cylinder/top yoke c/w boot Hose, master cylinder/top yoke	1	
31	60-4180	K24103	Locknut		i or iow nanalcoar
32	70-2288	K19407	Washer	3 3	
33 34	60-4175 83-7064	KL100613L	Hose, bottom yoke/fork leg	1	
35	14-0103		Bracket - pipe support Bolt	4	☐ Bracket to fork leg
36	60-2427		Washer	4	and bridge piece
37	60-4178	ZTA2070N	Pipe, fork leg/caliper	1	
38 39	60-7478		CALIPER	1	
Not illus.	60- 7437 99-7006	KL71594	Brake pad kit Caliper seal kit	1	
40	60-7177	NE71004	Pipe - top lug to 'T'	1	
41	60-7176	3725-617	'T' piece	1	
42 43	60-71 78 60-7155	25424610	Pipe - 'T' to middle lug	1	
Not illus.	70-1335	2SH34619	Brake switch Washer brake switch	1	
44	97-7202		Bracket 'T' piece	1	
45	14-0105		Screw - bracket to 'T'	1	
46 47	14-1301		Nut - bracket to 'T'	1	
47 48	60-2329 60-2331	_	Washer - bracket to 'T' Washer	1	
49	14-1303	-	Nut	2 2	Caliper to outer member
53	60-4266	363-400	Cover, bleed nipple	1	
Notillus	99-2768	SSB930	Front master cyl. seal kit	1	
54	60 4374	-	'O' ring	1	

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TWIN BRAKE CONDITION

Ref No.	Part No.	Description	TSS ES TS8 ES TSS KS
1 2 N/i 4 5 6 7 8 9 10 11 12 13 14 15 16 N/I N/I N/I	60-7484 60-7485 60-7635 60-7482 60-7494 60-7495 60-7496 60-4175 60-4180 70-2288 60-4266 60-2419 21-7119 83-8062 83-7064 60-7178 97-7197 14-0105/004	Caliper LH Caliper RH Front Master CYL Assy Junction Block Assy 4Way Brake Pipe Brake Pipe Hose Nut Serrated Washer Cover Bleed Nipple Spring Washer Bolt Caliper Fixing Bracket-Pipe RH Bracket-Pipe LH Pipe Bracket-4 Way Connector Bolt-4 Way Connector Nut-4 Way Connector	1 1 1 1 1 2 2 5 5 5 2 2 2 1 1 1 1 1 1 1

WARNING:-

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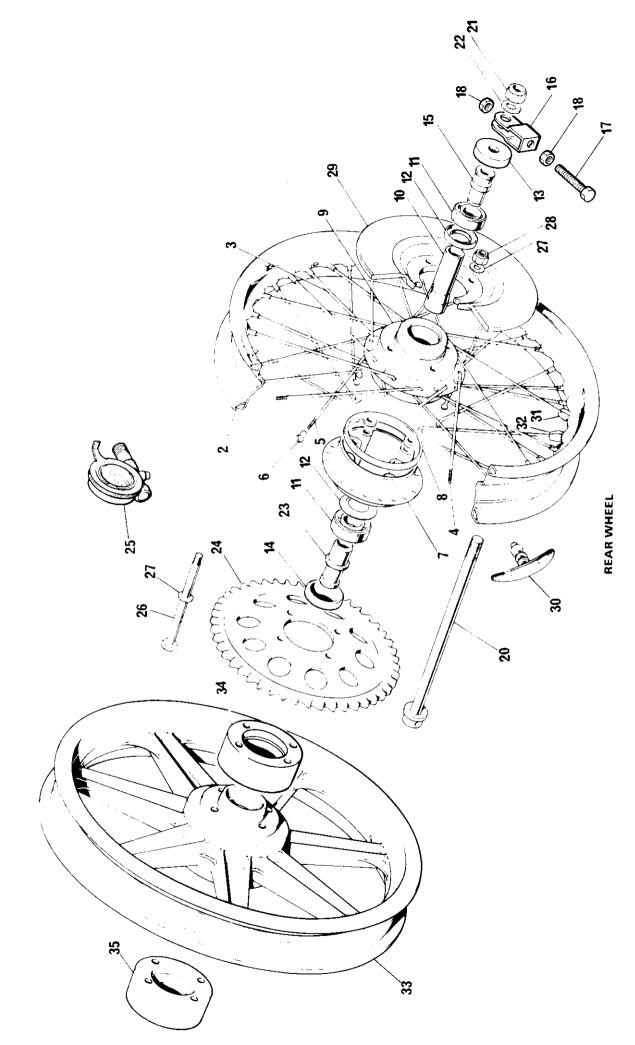
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Brake pad 60-7437 must only be used with plain cast iron disc Ref No 37-7175 Under no circumstances must these pads be used with chrome plated finished disc Ref No. 37-4275.



REF. 1 RIM, SPOKES AND HUB ASSEMBLY

REAR WHEEL

Ref.	No.
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Part No.

Description

TSS ES TS8 ES TSS KS

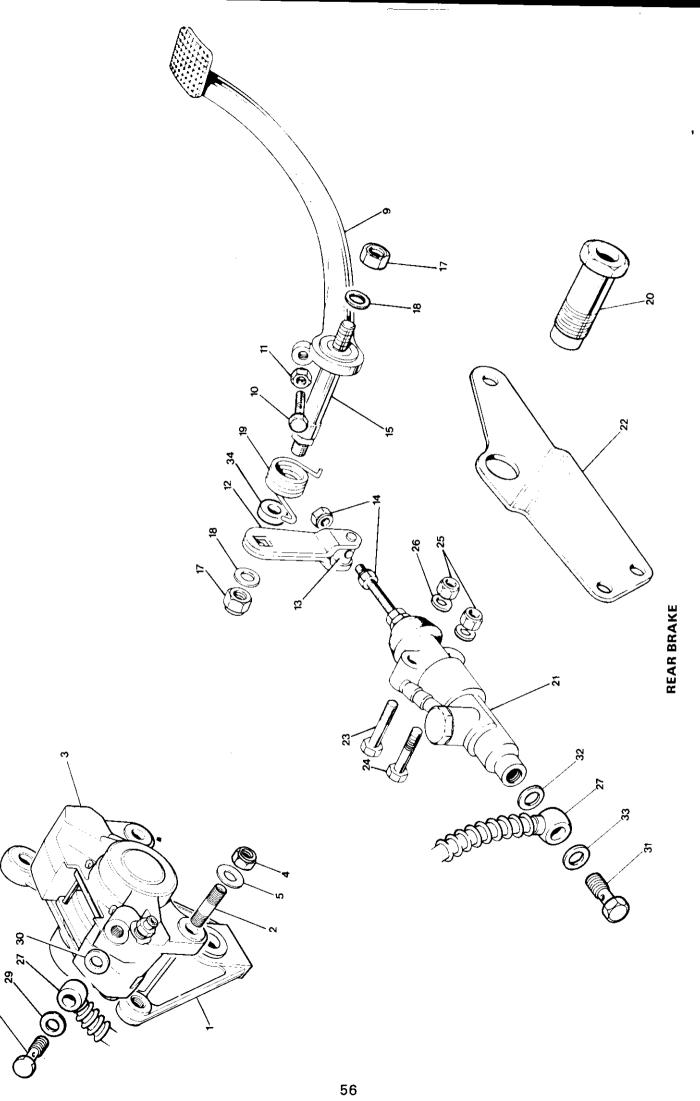
	37-7185	REAR WHEEL ASSY C/W DISC & SPROCKET	1
1A	37-7061	RIM, SPOKES AND HUB ASSY	1
2	37-7030	Rim WM3 x 18	1
3	37-7031	Spoke	20
4	37-7032	Spoke	10
5	37-7033	Spoke	10
6	37-7034	Nipple	40
7	37-7047	Hub - left	1
2 3 4 5 6 7 8 9	37-7063	Centre spacer - hub	1
	37-7062	Hub - right	1
10	37-7051	Spacer tube bearing	1
11	37-7041	Bearing left & right	2
12	37-4135	Retaining washer	2 2
13	37-7055	Lock ring RH	1
14	37-7054	Dust cover RH	1
15	37-7111	Spacer RH bearing	1
16	37-7127	Chain adjuster	1
17	14-0118	Screw - chain adjuster	2
18	14-0302	Nut - chain adjuster	2 2 4
20	37-7113	Spindle	4
21	14-1307	Nut - spindle	i 1
22	83-2266	Washer - spindle nut	1
23	37-7052	Spacer LH bearing	, 1
24	37-7180	Sprocket 44 tooth	1
25	60-7091	Speedo drive gearbox	A
26	21-7041	Bolt - disc/sprocket to hub	1
27	70-8770	Washer - bolt and nut	4 8
28	14-1203	Nut - bolt	8
29	37-7175	Disc-Not Chromed	4
30	37-3468	Securing bolt	1
31	37-3969	Balance weight - short	A = === 1 (
32	37-3970	Balance weight - long	As required
		- standa Halght - long	As required

REAR WHEEL - CAST ALLOY

33	37-7166	Rear wheel less fittings	As Reg.
34	37-7163	Bearing carrier L.H.	1 1
35	37-7164	Bearing carrier R.H.	1

ALL OTHER PARTS AS SPOKED WHEEL

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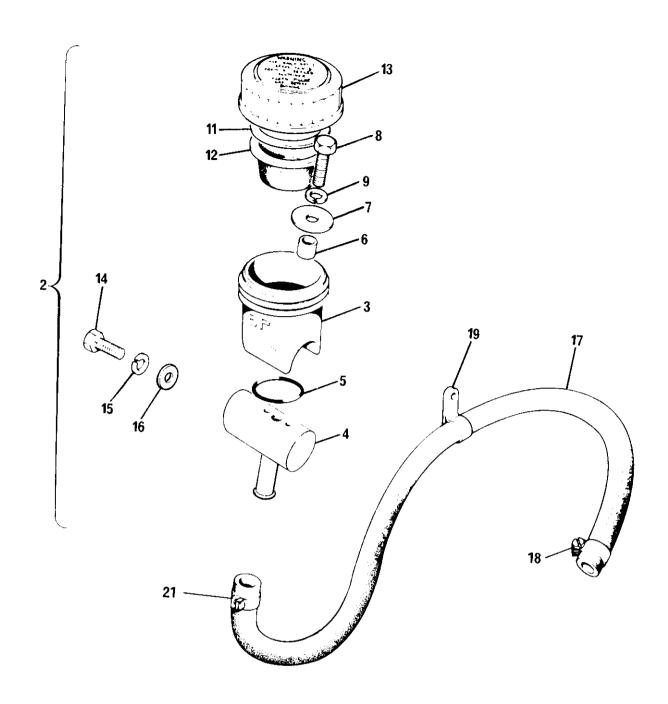
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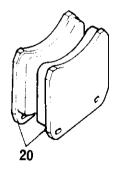
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REAR BRAKE

Ref. No.	Part No.	Description	TSS ES TS8 ES TSS KS
1 2 3 4 5 9 10 11 12 13 14	37-7124 21-7116 60-7478 14-1303 60-2331 83-7560 14-0103 14-0301 83-7003 83-7024 21-7006	Rear caliper mounting plate Stud - caliper to plate Caliper Nut - caliper to mounting plate stud Washer, for nut Brake pedal Screw, adjuster - stop light Nut, adjuster screw Trunnion lever Trunnion Adjuster nut, push rod	1 2 1 2 2 1 1 1 1 2 5/16" UNF
15	83-7046	Spindle, rear brake pedal	shouldered
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 N.I.	14-1203 60-2331 83-7016 83-7163 60-4401 83-7567 14-0221 21-7007 14-1302 60-2330 60-7233 60-7236 60-4184 37-7100 60-4183 60-4182 60-4184 83-7015 37-7094	Nut, brake pedal spindle Washer, for nut Return spring, brake pedal Pivot bolt Master cylinder complete Mounting plate, master cylinder Bolt master cylinder fixing - top Bolt, master cylinder fixing - bottom Nut, Washer for nut Brake hose Banjo bolt - caliper Sealing washer - thin Sealing washer - thick Banjo bolt - master cylinder Sealing washer Sealing washer Sealing washer Sealing washer under head Boss-spring retainer Distance Piece	2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1





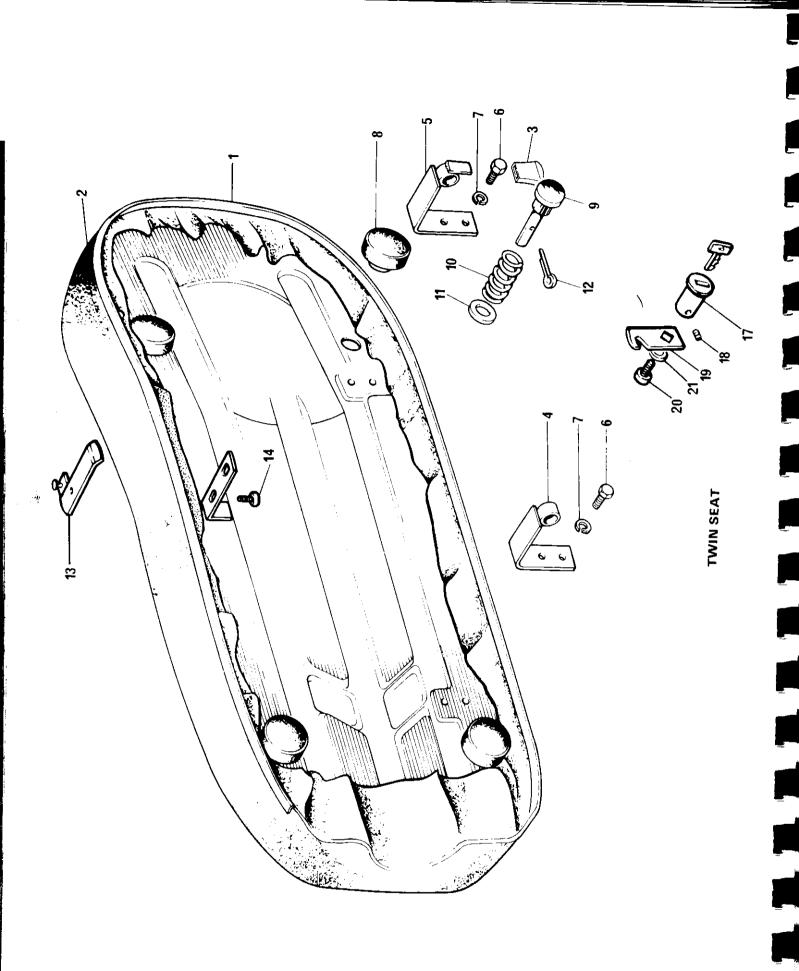
REAR BRAKE

REAR BRAKE (continued)

		Makers		TSS ES TS8 ES
Ref. No.	Part No.	Part No.	Description	TSS KS
0			_	
2 3 4 5 6 7 8 9	83-7868		Reservoir assy	1
3	60-7047		Reservoir Body	1
4	83-7501		Mounting, reservoir c/w pipe	1
5	60-7048	3855/814	'O' ring	1
6	83-7533		Distance piece	1
7	60-7050	3512/305	Washer	1
8	14-0102		Bolt, body to mounting	1
9	60-2427		Spring washer for bolt	1
11	60-4328		Washer, paper	1
12	60-7052	3818/747	Diaphragm	i
13	60-4365	3847/240	Filler cap	1
14	14-0101	,	Bolt, mounting to side panel	1
15	60-2427		Washer, spring	i
16	60-2338		Washer, plain	1
17	60-7248		Hose, reservoir to master cylinder	1
18	60-7030		Clip, hose	1
19	83-7603		Clip, hose retaining	1
NI	99-2768		Master cylinder seal kit	•
20	60-7437		Brake pad kit	
NI	99-7006	KL71594	Caliper seal kit	
21	60-7524		'O' Clip Feed Pipe	1
				-

WARNING:-

Brake pad 60-7437 must only be used with plain cast iron disc Ref No 37-7175 Under no circumstances must these pads be used with chrome plated finished disc Ref No. 37-4275.

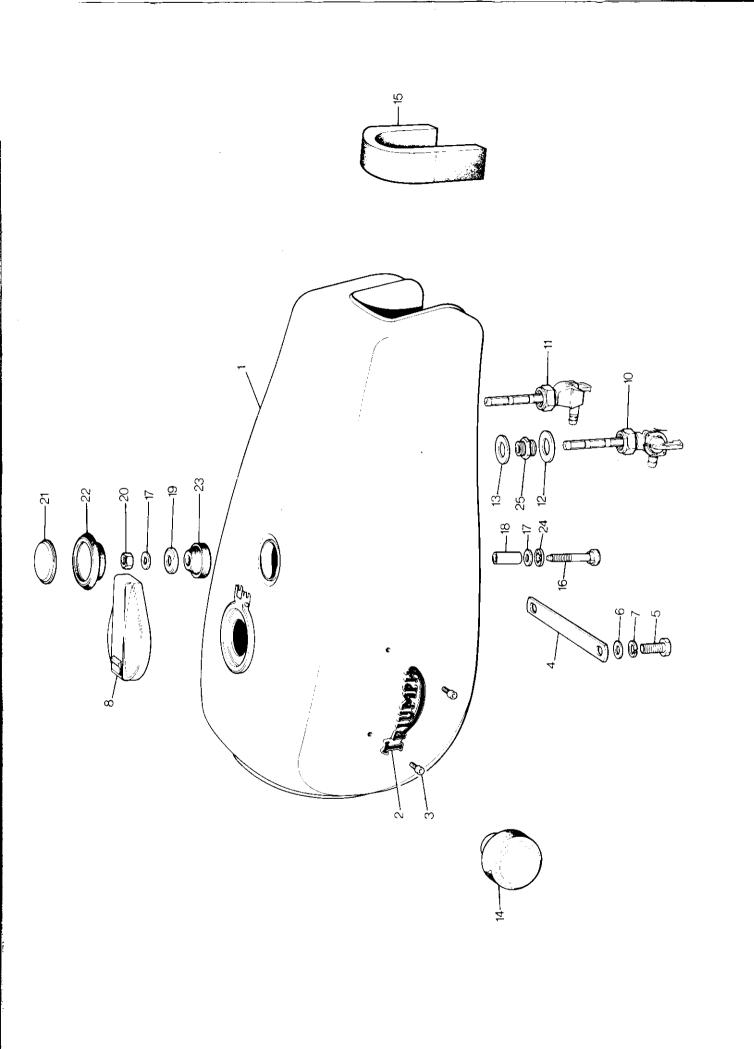


TWIN SEAT

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Part No.	Description	TSS ES TS8 ES TSS KS
83-7391 83-7726 83-7598 83-7893 83-7793 83-7595 83-7544 83-4782 83-7542 14-0101 60-2417 82-9093 82-7560 82-4228 71-3749 60-2720 60-7159 60-7226 83-7329 83-7276 14-1301 60-2329 60-7215 21-7049 83-7328 97-3894 97-1388 60-7071	Twinseat-use with 2 · 8 gallon tank K/S Twinseat-use with 2 · 8 gallon tank E/S Twinseat-use with 4 · 0 gallon tank K/S Twinseat-use with 4 · 0 gallon tank E/S Cover twinseat use with 2 · 8 gallon tank Cover twinseat use with 4 · 0 gallon tank Plastic sleeve - seat hinger rear Hinge - twinseat front Hinge - twinseat rear Bolt - hinge Washer - spring Rubber buffer Plunger & knob Spring Plain washer Split pin Transfer neg earth Data label Catch plate seat Screw plate fixing Nut Washer Twinseat lock assy c/w keys Grub screw - lock retaining Catch plate - lock Screw - catch plate to lock Washer Data label	1 1 1 1 1 1 4 4 4 4 4 4 1 1 1 1 1 1 1 1

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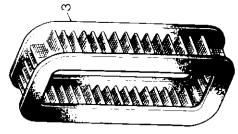
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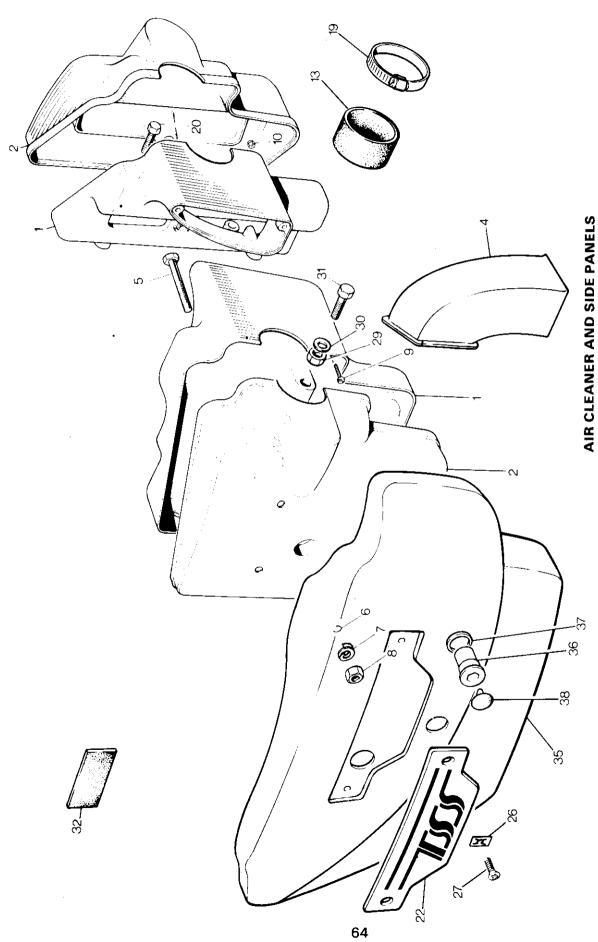
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PETROL TANK

Ref. No.	Part No.	Description	TSS ES TS8 ES TSS KS
1	83-8087	Petrol tank 4 · O gallBlack-Gold line	1
2	60-7303	Badge LH/RH use with all 4 · 0 gall. tanks	2
.3 4	21-7048 83-4395	Screw-black 3/8" UH use with 83-7597 Tie strap - tank use with 2 -8	4 1
5 6 7 8	14-0115 60-2321	Bolt-Tie Strap Use with 4 gall tank Washer plain - bolt	2 2 2 1
8	60-2418 60-7503	Washer spring - bolt Petrol filler cap	2
10	60-7508	Petrol tap - main	1
11	60-7509	Petrol tap - reserve	
NI	21-7023	Sealing tape - tap thread	1 2 2 2 2 2
12	70-7351	Washer bonded - tap seal	2
13	83-0002	Washer plain tap nut	2
14	83-4931	Steady rubber	2
15	83-4932	Mounting rubber	
16	83-4930	Centre fixing bolt	1 2
17	60-2330	Washer	2
18 19	82-9063	Distance tube	1
20	82-3814 14-0302	Washer - upper	1
21	83-4776	Nut - fixing bolt Badge - centre	1
22	97 5061	Grommet for badge	1
23	83-4934	Rubber - centre mounting	1
N/1	82-3069		=
24		, 0	2
	82-8245	Retainer	1
NI	83-8276	Petrol pipe assy	1
25	83-7970	Petrol tank tap adaptor	2

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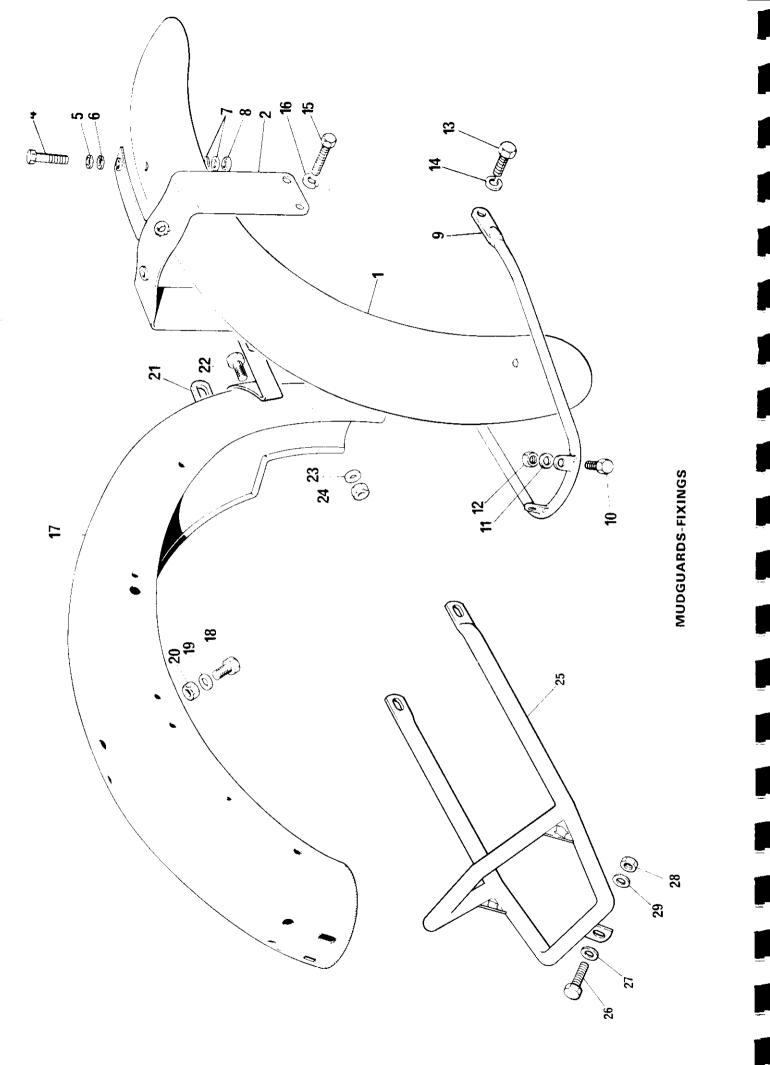




AIR CLEANER AND SIDE PANELS

1 83-8266 Body - left 1 1 83-8269 Body - right 1 2 83-8267 Cover - left 1 2 83-8270 Cover - right 1 3 60-4265 Element 2 4 83-5448 Air intake tube, left 1 4 83-5449 Air intake tube, right 1 5 14-0222 Bolt 2 6 82-8245 Retainer 2 7 60-2438 Washer 2 8 14-0402 Nut 2 9 60-3539 Screw >left assy to right assy 2 10 21-0501 Nut 2 2 13 71-7670 Connector pipe Carb to air box 2 19 60-7424 Clip - Connector pipe 2 20 14-0102 Bolt 4 22 83-8272 Name plate 2 26 21-7020 Spire nut 4 27 21-7324 Spire nut 4 <th>Ref. No.</th> <th>Part No.</th> <th>Description</th> <th>TSS ES TS8 ES TSS KS</th>	Ref. No.	Part No.	Description	TSS ES TS8 ES TSS KS
27 21-7130 Strew 4 29 14-1302 Nut 2 30 60-2321 Plain washer 2 31 14-0218 Bolt 2 32 82-7380 Rubber pad - under styling panel 6 N.I. 83-8174 Styling side panel L.H. Black 1 35 83-8175 Styling side panel R.H. Black 1 NI 83-7910 Rubber-panel fixing 2 NI 60-7397 Retainer-rubber to frame 2 36 21-7139 Socket nut assy 2 37 70-1465 Fibre washer 2 38 60-7456 Cap - Socket recess 2 NI 14-0101 Bolt reservoir to airbox 1 NI 60-2427 Washer reservoir to airbox 1 NI 83-8275 Sleeve 1	1 2 3 4 4 5 6 7 8 9 10 13 19 20 22 26 27 29 30 31 32 NI 35 NI 36 37 38 NI NI NI 38 NI NI 38 NI NI 38 NI NI A A A A A A A A A A A A A	83-8269 83-8267 83-8270 60-4265 83-5448 83-5449 14-0222 82-8245 60-2438 14-0402 60-3539 21-0501 71-7670 60-7424 14-0102 83-8272 21-7020 21-7138 14-1302 60-2321 14-0218 82-7380 83-8174 83-8175 83-7910 60-7397 21-7139 70-1465 60-7456 14-0101 60-2427	Body - right Cover - left Cover - right Element Air intake tube, left Air intake tube, right Bolt Retainer Washer Nut Screw left assy to right assy Nut Connector pipe Carb to air box Clip - Connector pipe Bolt Name plate Spire nut Screw Nut Plain washer Bolt Rubber pad - under styling panel Styling side panel L.H. Black Styling side panel R.H. Black Rubber-panel fixing Retainer-rubber to frame Socket nut assy Fibre washer Cap - Socket recess Bolt reservoir to airbox	1 1 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

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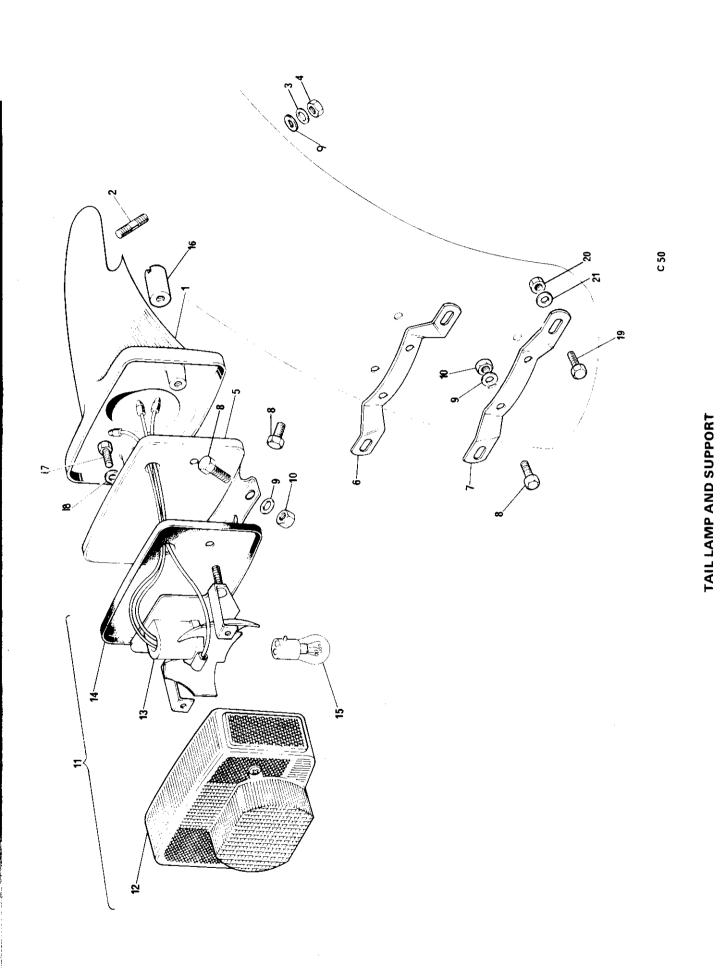


MUDGUARDS - FIXINGS

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Ref. No.	Part No.	Description	TSS ES TS8 ES ⊺SS KS
1	97-7138	Front mudguard	1
2	97-7004	Bridge piece assembly	1
4	14-2205	Screw, bridge piece to blade	3
5	21-7025	Washer plastic	3 3
5 8 9	21-7050	Nut - screw, bridge to blade	3 3 3 1
	97-4552	Rear stay	Ĩ
10 11	14-0101	Bolt, rear stay to blade	2
12	60-4245 14-1201	Washer Nut	2
13	14-6114	Bolt, stay to spindle cap	2
14	60-2428	Washer spring	2 2 2 2 2 2 4
15	14-0103	Bolt, bridge piece to fork leg	2
16	60-2427	Washer spring	4
17	83-8030	Rear mudguard	1
18	14-0101	Bolt 7	2
19	60-2329	Washer Young Mudguard top fixing	2
20 21	14-1301	Nut D	2
22	83-2796	Lower front bracket	1
23	14-0114 60-2330	Bolt Washer Mudguard front fixing	2
24	14-1302	Washer	2 2 1 2 2 2 2 2
25	83-7555	Grab rail	2
26	14-0102	Bolt	1
27	60-2329	Washer	1
28	14-1301	Nut (Grab rail to quard	1
29	21-7025	Washer plastic J	2
N.I.	97-2209	Washer Coil Tray to Mudguard	- 1

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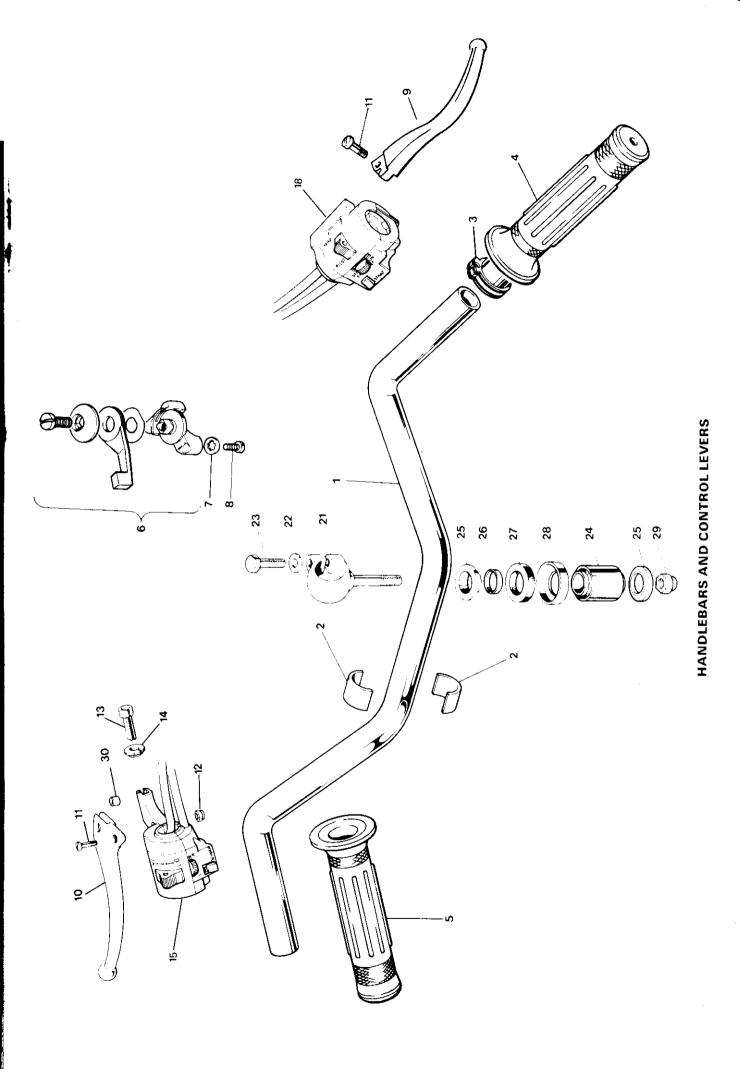
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TAIL LAMP AND SUPPORT

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Ref. No.	Part No.	Makers Part No.	Description	TSS ES TS8 ES
	i dit i vo.	Tarrivo.	Description	TSS KS
1	83-7094	-	Tail lamp carrier	1
2	21-2225	-	Stud	1
3	60-4250	-	Washer	1 (to fender
4	14-0301	-	Nut	
1 2 3 4 5 6 7 8 9	83-5001	-	Support plate	1
6	83-4784	-	Rear No. plate bracket - top	1
7	82-6850	-	Rear No. plate bracket - bottom	1
8	14-0102	-	Bolt	4 → No. plate brackets
	60-2329	-	Washer	5 and support plate
10	14-1301	-	Nut	4 \int to fender
11	60-4110	56515	STOP TAIL LAMP	1 less side reflex
12	06-8058	54585314	Lens	1 Less side reflex
13	99-7065	54584931	Base assembly	1
14	99-7066	54583924	Gasket	1
15	99-0542	380	Bulb	1
16	83-4800	-	Sleeve nut, lamp to back plate	2
17	14-7804	-	Screw support plate to carrier	1
18	70-1612	-	Serrated washer	1
NI	83-4806	-	Wiring protector	1 -
NI	60-4103	-	Grommet, flasher wire	1 /
				1 \Not illustrated
NI	83-5105	-	'U' grommet, lamp carrier	2
NI	97-0961	-	Grommet, mudguard for wiring	2
NI	60-4440	-	Grommet, flasher wires	$\overline{2}$
19	14-0101		Bolt - number plate attachment	$ \begin{array}{c} 2 \\ 2 \\ 2 \\ 4 \end{array} $
20	14-1301		Nut	4
21	60-2329		Washer	4
11	99-7045	56513	STOP TAIL LAMP	1 c/w side reflex
12	99-7046	54584930	Lens	1 c/w side reflex
13	99-7056	54584931	Base assy.	
14	99-7066	54583924	Gasket	
15	99-0542	380	Bulb	
N.I.	60-4256		Serrated Washer Used With 83-4800	2

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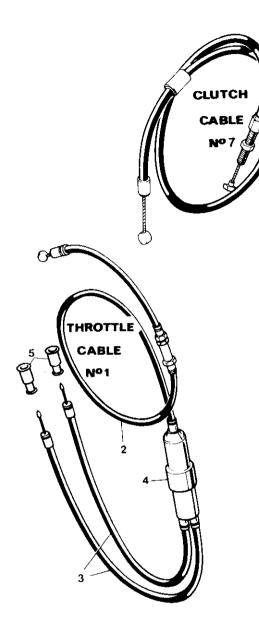


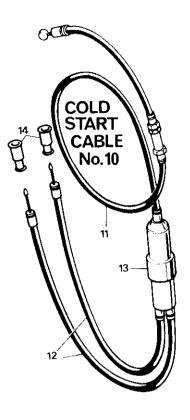
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HANDLEBARS AND CONTROL LEVERS

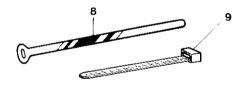
Ref. No.	Part No.	Makers Part No.	Description	TSS ES TS8 ES TSS KS
1	97-7041		Handlebar	1
2	97-1425		Sleeve, handlebar mounting	4
3	60-7144		TWIST GRIP c/W GRIP	1
4	60-7471		Grip, right hand	1
5	60-7470		Grip, left hand	1
6	60- 324 6		Cold start control lever	1
7	70-1612		Shakeproof washer	2
9 10 11 12 13 14 15 18 21 22 23 24 25 26 27 28 29 30 NL NL	97-7193 97-7191 21-7036 21-2191 14-1901 60-3585 60-3586 60-7464 60-7462 97-2291 82-1335 21-0589 97-1527 97-1529 97-1581 97-1580 97-2221 14-1303 97-7053 60-7249 60-7201		Front brake lever blade Clutch lever blade Pivot pin - clutch lever Pivot pin - brake lever Nut-Pivot pin Adjuster Lockring Handlebar switch L.H. Handlebar switch RH Handlebar eye bolt Washer Bolt Metalastik bush Hemispherical washer Distance piece Rubber washer Cup Nut Pivot bush - clutch lever Mirror L & R.H. Cable tie	1 1 1 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2

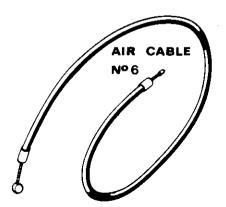
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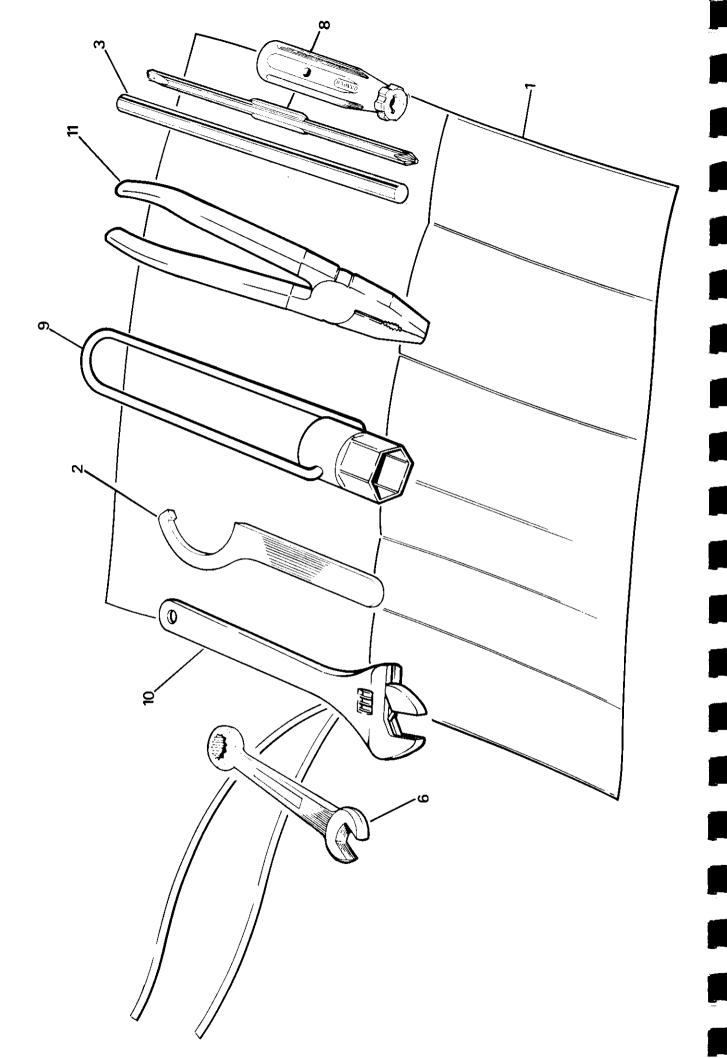


CONTROL CABLES

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Ref. No.	Part No.	Description	TSS ES TS8 ES TSS KS
1 2 3 4 5 7 8 9 NI 10 11 12 13 14 N.I. N.I.	60-7633 60-7489 60-7632 60-0685 60-7118 60-4168 60-4254 60-7202 60-4258 60-7636 60-7388 60-7084 60-0685 60-7118 60-0777 60-0978	Throttle cable cte Throttle cable T/Grip to junct block Throttle cable junct block to carb Throttle cable Junction block Sheath - Throttle cable adjstr Clutch cable Cable clip aluminium Cable clip plastic Cable clip plastic Cable clip rubber Cold start cable-lever to junction box Cold start cable-lever to junction box Cold start cable-junction box to carb. Junction box Sheath-cable adjuster Cable Tie Cable Tie	1 1 2 1 2 1 8 21 1 1 2 1 2 1 2 1

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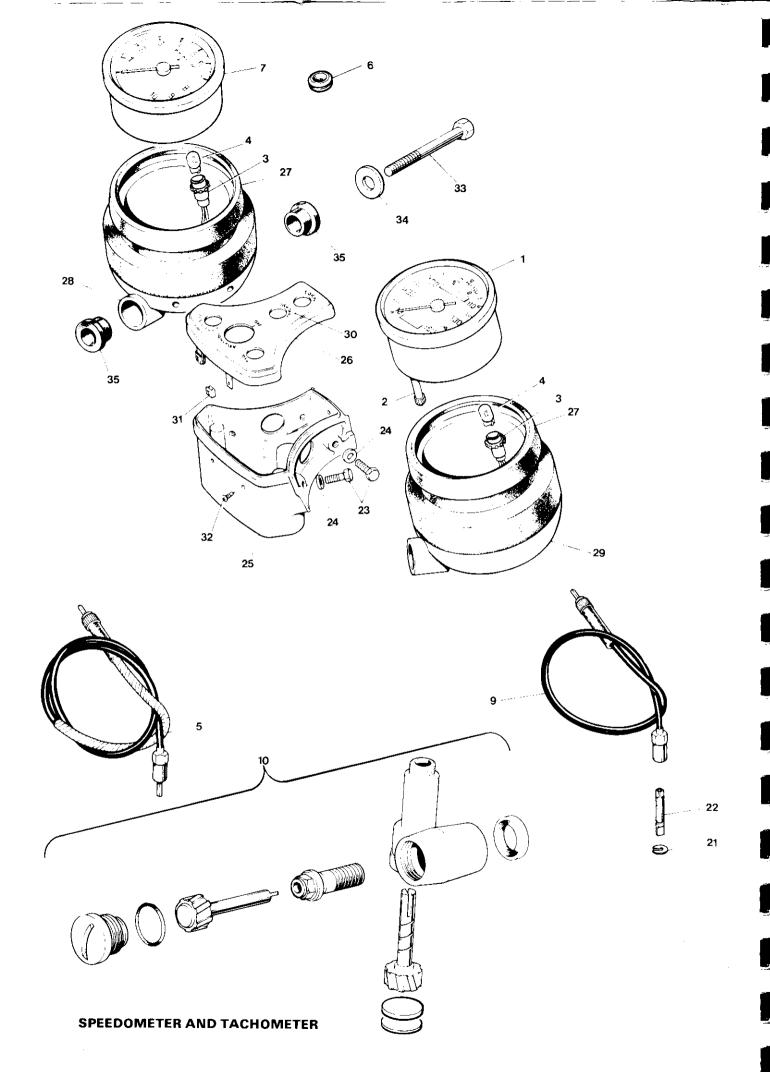


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TOOLKIT

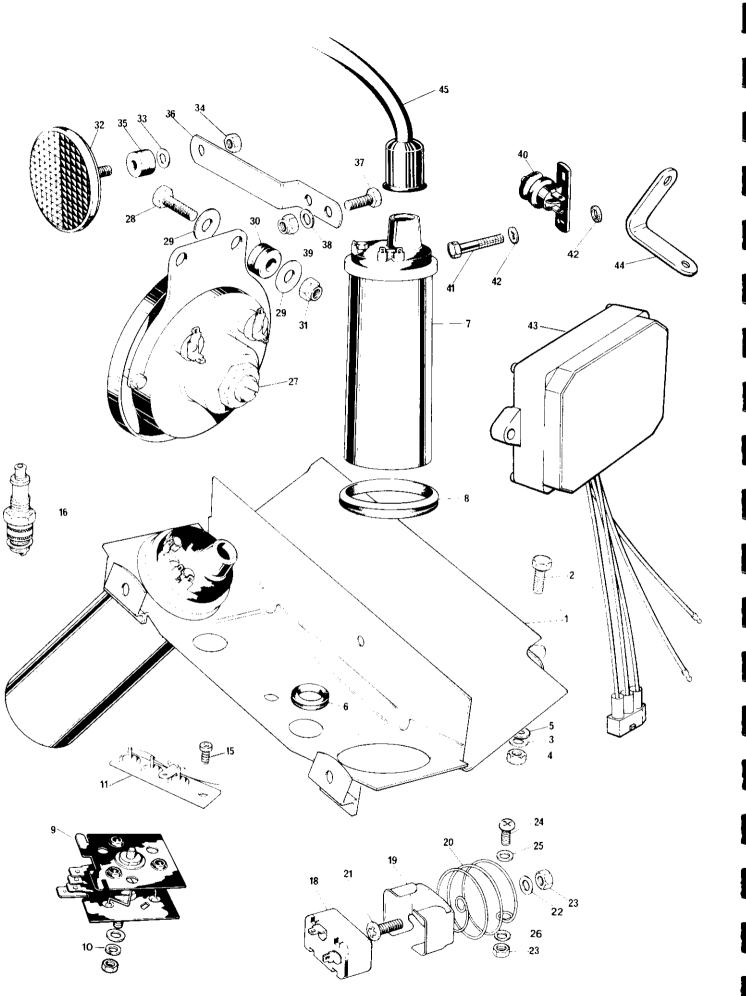
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Ref. No.	Part No.	Description	TSS ES TS8 ES TSS KS
1 1 2 3	60-7649 60-7661 60-2184 60-7041	TOOLKIT COMPLETE Tool roll Damper unit spanner Tommy bar, for rear wheel	1 1 1 1
6 8 9 10 11	60-7662 60-0767 60-7630 60-7664 60-7665	Ring spanner ½" A/F Screw driver Plug spanner Adjustable spanner Pliers	1 1 1 1 1
NI	60-7634	Owners handbook	

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SPEEDOMETER AND TACHOMETER

Ref. No.	Part No.	Makers Part No.	Description	TSS ES TS8 ES TSS KS
1 1 2 4 5 6 7 9 10 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	60-7272 60-7222 60-7270 60-7207 99-7050 60-7306 60-7221 60-7223 60-0578 71-7011 60-0494 99-0173 14-6104 60-2427 97-4577 97-4573 97-4573 97-4574 97-4575 60-4622 60-4503 21-0762 14-0235 60-2340 97-4588	504 31-371-39	Speedometer head MPH85 - veglia Speedometer head MPH150 - veglia Speedometer head KPH250 - veglia Trip control Bulb Speedo cable assy Grommet - bulb holder Tachometer head - veglia Tachometer cable TACHOMETER GEARBOX Circlip 88 Spade Bolt carrier to s/w box Spring washer Switch box Panel assy - includes line 30 Rubber cup Instrument carrier LH Instrument carrier RH Identification sheet Spire nut Screw - panel to s/w box Bolt Plain washer Rubber bush	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3 3 2 2 4



COIL, CAPACITOR PACK, FLASHER UNIT, ZENER DIODE AND HORN

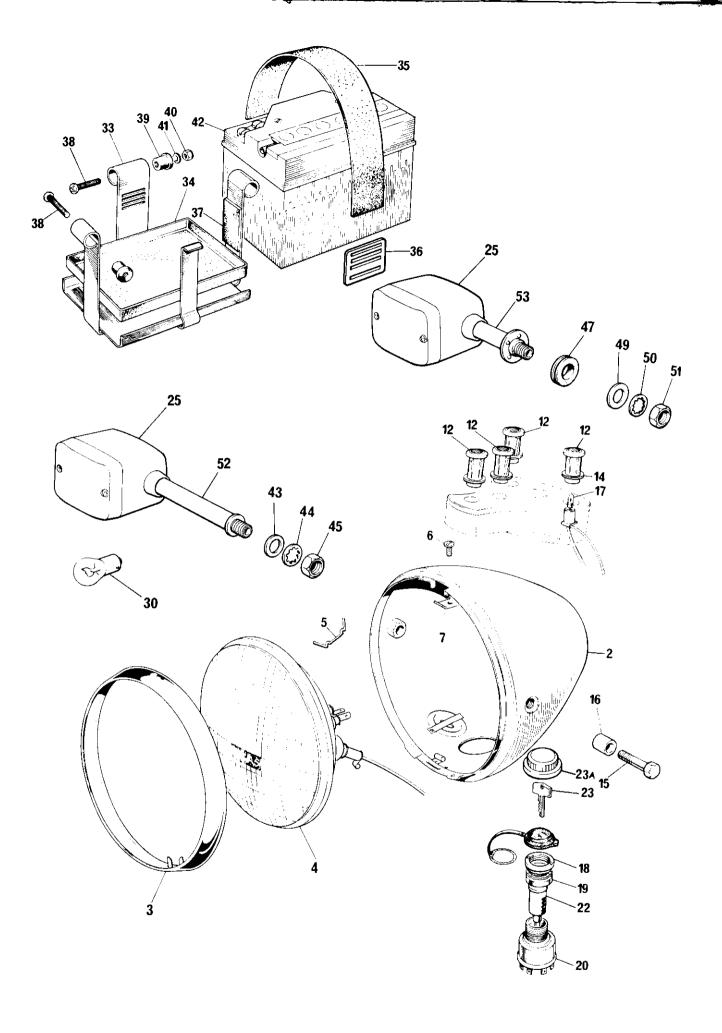
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ELECTRICAL COMPONENTS

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Ref. No.	Part No.	Makers Part No.	Description	TSS ES TS8 ES TSS KS	
1 2 3 4 5 6 7	83-7502 14-0102 60-2329 14-1301 70-7554 82-6784 60-7131	- - - 45220	Coil and tool tray assembly Bolt Washer Nut Rubber washer Grommet, wiring harness Ignition coil (17-M-6)	$ \begin{array}{c} 1\\ 1\\ 2\\ 1\\ 1\\ 2\\ 2\\ 2\\ 2\end{array} $	Coil and tool tray attachment, rear.
8 9 10 11 15 16 18 19	82-9561 60-7152 70-3887 60-7401 21-7084 60-7570 99-1201 99-1204	- 83539 - 49589 G63 35048 54385091	Coil grommet Rectifier complete with nut Shakeproof washer Diode pack-zener Screw-zener fixing Sparking plug Flasher unit Clip, flasher unit	1 1 2 2 1	negative earth
20 21 22 23 24 25 26 27	60-3614 21-2079 60-2391 21-7009 21-2079 97-1388 60-2416 60-7067	54386637 - - - 70276	Spring Screw Washer Nut Screw - spring to tool tray Plain washer Washer Horn	$ \begin{array}{c} 1\\ 1\\ 1\\ 2\\ 1\\ 1\\ 1\\ 2\\ 1\\ 1\\ 2\\ 1\\ 1\\ 2\\ 1\\ 1\\ 2\\ 1\\ 1\\ 2\\ 1\\ 1\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\$	Flasher unit attachment
28 29 30 31 32 33 34 35	14-0103 60-2347 60-3161 14-1301 99-1161 60-2416 82-3799 83-3522	- - 57183 -	Bolt Washer Grommet Nut Reflector - amber Washer Nut Mounting rubber	$ \begin{array}{c} 2 \\ 4 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2$	Horn attachment Reflector
36 37 38 39 40 41 42 43 44 NI NI NI NI NI NI 45	83-3764 21-2120 60-2391 21-0778 60-0990 21-7010 97-1388 60-7130 83-7869 14-0102 60-2329 14-1301 14-0103 14-1301 60-7638	- - 34815A - -	Bolt Washer Nut Rear stop light switch 118SA Screw, rear stop switch Plain washer Amplifier unit Bracket-amplifier unit fixing Bolt-bracket fixing Washer-bracket fixing Nut Bolt-amplifier to bracket Nut-amplifier to bracket HT cable	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Mounting Use with 4 gall tank Bracket to frame



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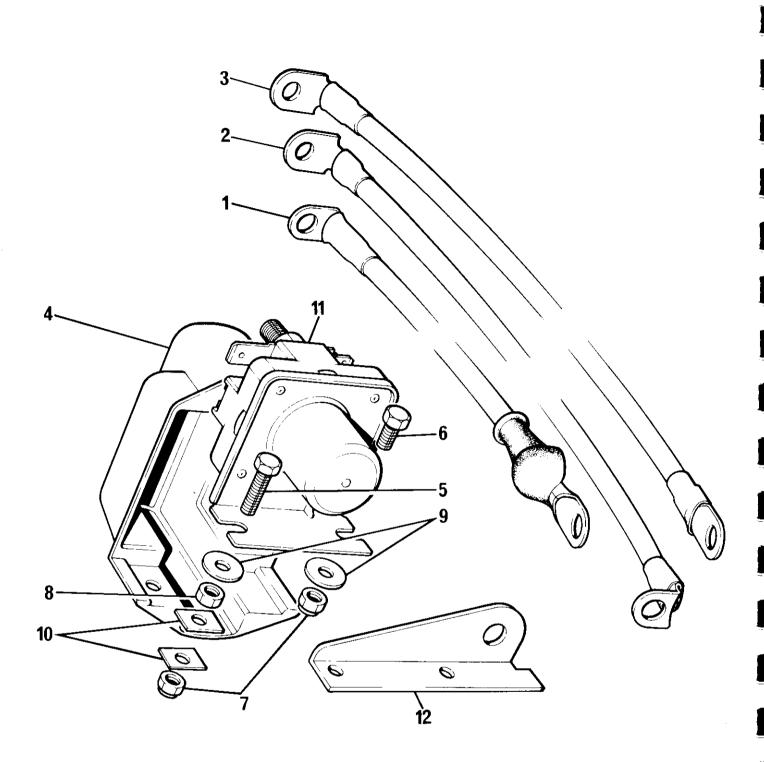
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Ref. No.	Part No.	Makers Part No.	Description	TSS E TS8 E TSS K	S
1 1 2 3	60-7460 60-7461 99-7098	550040	Headlamp cte LH dip Headlamp cte RH dip Headlamp shell only	1 1 1	left hand dip right hand dip
4	99-0692 99-7509 99-751 0	553248	Headlamp rim Light unit sealed beam	1	left hand dip
4 5 6	99-0683 99-1189	504665 144921	Light unit sealed beam Fixing wire Screw	1 6 1	Right hand dip
7 12	99-0690 99-1208	534296 54363454	Plate Warning light, red	1	
12 12	99-1209 99-1207	54363455 54363453	Warning light, green	1	
12 14	99-7054 99-1210	54361250 54140331		1	
15 16	99-7012 97-7118	54115106	Bolt - headlamp mounting Distance piece, headlamp bolt	3 2 2 3	
17 18	99-0537 97-7120	281	Bulb, warning light Ignition switch nut		
19 20	97-4596 99-7055	143086 54531899	lgnition switch spacer Ignition switch	1 1	
22 23 23A	82-6981 60-0622 97-7123	-	IGNITION LOCK WITH KEY Ignition key	1 1	State serial No.
24 25	60-7335 60-7448	-	Cap-ignition key Cover, ignition switch	1	
25 30	60-7448 60-7448 60-7466	382	FLASHER LAMP FRONT FLASHER LAMP REAR	2	
33 34	83-7504 82-8091	-	Bulb Battery carrier assembly	1	
34 35	82-8091 82-9353	-	Battery tray moulding Battery tray moulding	2	E/S model K/S model
36 37	82-9355 83-7235	-	Retaining strap Buckle Protective strip	1	
38 39	83-2508 82-6039	-	Shoulder screw Rubber bush	4 3 3	
40 41	21-7050 60-2329	-	Nut Plain washer	1 1	Battery carier mounting
42	60-7088 60-7317		Battery Battery	1	K/S model E/S model
43 44	60-2332 37-2331		Plain washer Serrated washer	2 - 2	Flasher lamp
45 NI	14-0404 60-7465		Nut Main wiring harness	4 . 1	stanchion Front.
NI NI NI	60-7199 60-7198 60-7279		Earth lead - amplifier box Rear sub harness	1	
46 47	83-7558 82-5753		Earth lead - rear dir indicator Dimpled washer	2 2 -)
48 49	82-37559 60-2350		Grommet Distance tube Washer plain	2	S Flasher lamp
50 51	60-2332 14-0404		Washer plain Washer plain Nut	2 - 2 2 2 2 4	stanchion Rear
52 53	83-8023 83-8026		Front indicator stem	_)
54 NI 55 NI 56 NI	60-7501 60-7502 60-7498		Rear indicator stem Wire indicator lamp Front/Rear Earth wire front indicator lamp Earth wire rear indicator lamp	2 2 4 2 2	



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ELECTRICAL COMPONENTS

Ref. No.	Part No.	Description	TSS ES TS8 ES TSS KS
1 2 3 4 5 6 7 8 9 10 11 12	60-7320 60-7321 60-7322 83-7644 23-1015 23-1012 23-2161 23-2001 97-1388 21-7105 60-7318 83-7737	Lead-starter to solenoid Lead-battery to solenoid Lead-battery to earth Cover-solenoid switch Screw-upper solenoid fixing Screw-lower solenoid fixing Nut-Solenoid cover and fixing Nut Washer Washer Washer-cover fixing Solenoid starter switch Bracket-solenoid fixing	1 1 1 1 2 1 2 2 1

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