



REPLACEMENT PARTS CATALOGUE

FOR

1979

(LATE EDITION from ENGINE NO. XB25383)

BONNEVILLE 750 T140E

PART NO. 99-7102A

www.britcycle.com.au



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1979

(LATE EDITION from ENGINE NO. XB25383)

BONNEVILLE 750 TI40E

Published April 1980

Publication Part 99-7102A

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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USA BONNEVILLE (T140E) TECHNICAL DATA

Bore & Stroke		76x82mm/2.992x3.228 ins.
Capacity		747cc/45 cu. ins.
Compression Ratio		7.9:1
Spark Plugs		Champion N5
Carburetor		Amal Concentric Mk II
	Main Jet	200
	Needle Jet	105
	Needle	2C3
	Throttle Valve	No. 3
Gearbox Sprocket		20 Teeth
Chains	Front	Triplex 3/8 in. pitch x 84 links
	Rear	5/8 in. x 3/8 in. x 106 links
Capacities	Fuel Tank	3.4 Galls. (US)
	Oil Tank	4 Pints
	Gearbox	7/8 Pint (500 cc)
	Front Forks	1/3 Pint (190 cc)
Tire Size	Front	4.10 x 19
	Rear	4.10 x 18

HOW TO USE THIS PARTS CATALOGUE

First consult the index on Page 2 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.

In case of painted items, always state the color required. Painted parts are available only in the colors 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.

ESSENTIAL SERVICE TOOLS

Part No.	Description
61-3768	Clutch Locking Tool
61-6008	Punch, Tappet Guide Block
61-6019	Extractor, Pinion C/Shaft
61-6063	Removal/Replacement Tool, Valve Guide
61-6113	Fork Damper Tool
61-6117	Bush Extractor, S/Arm
61-6121	Head Race Drift
61-6125	Spanner, G/Box
61-6132	Extractor, Cam Wheel
61-6135	Piston Ring Clamp
61-7010	Torque Tool Adaptor
61-7011	Gearbox Assy Tool
61-7012	Chain Adjuster Tool
61-7013	Oil Seal Compressor
61-7014	Extractor Tool, Clutch Hub
61-7017	Extractor, M/Brg.
61-7019	Oil Seal Compressor
61-7022	Locator Tool Assy TDC
61-7023	Cam Extractor 6CA
61-7024	Peg Spanner
61-7025	Valve Seat Cutter
61-7027	Blending Cutter
61-7029	Arbor, Pilot & Tommy Bars
61-7035	Crankshaft Bal. Weights (689 grms)
61-7043	Cam Wheel Replacement Tool

CARTON PACK ASSEMBLIES

PISTONS (c/w RINGS, GUDGEON PIN, & CIRCLIPS)

71-3778	PISTON ASSY	7.9:1	STD.
71-3995	PISTON ASSY	7.9:1	+0.010
71-3996	PISTON ASSY	7.9:1	+0.020

Optional:

71-7085	PISTON ASSY	7.4:1	STD.
71-7090	PISTON ASSY	7.4:1	+0.010
71-7091	PISTON ASSY	7.4:1	+0.020

PISTON RING SETS (COMPRISING 4 of TAPER RING, 2 of OIL CONTROL RING)

99-3789	RING SET	STD.
99-3790	RING SET	+0.010
99-3791	RING SET	+0.020

VALVE GUIDE SETS (COMPRISING 2 INLET, 2 EXHAUST, 4 CIRCLIP)

99-7125	VALVE GUIDE SET	STD.
99-7126	VALVE GUIDE SET	+0.005
99-7127	VALVE GUIDE SET	+0.015

GASKET SET

99-7001	DECOKE SET
99-7129	OVERHAUL SET

VALVE SPRING SET

99-7037	4 of INNER -	70-4221
	4 of OUTER -	70-7400

BEARING CONROD B/E

99-7040	2 pr. of -	70-3586	STD.
99-7041	2 pr. of -	70-3586010	-0.010
99-7042	2 pr. of -	70-3586020	-0.020

OWNER HANDBOOK 1979 Updated

60-7284 T140E

WORKSHOP MANUAL 1979

99-0983A

ELECTRONIC IGNITION KIT

99-7111

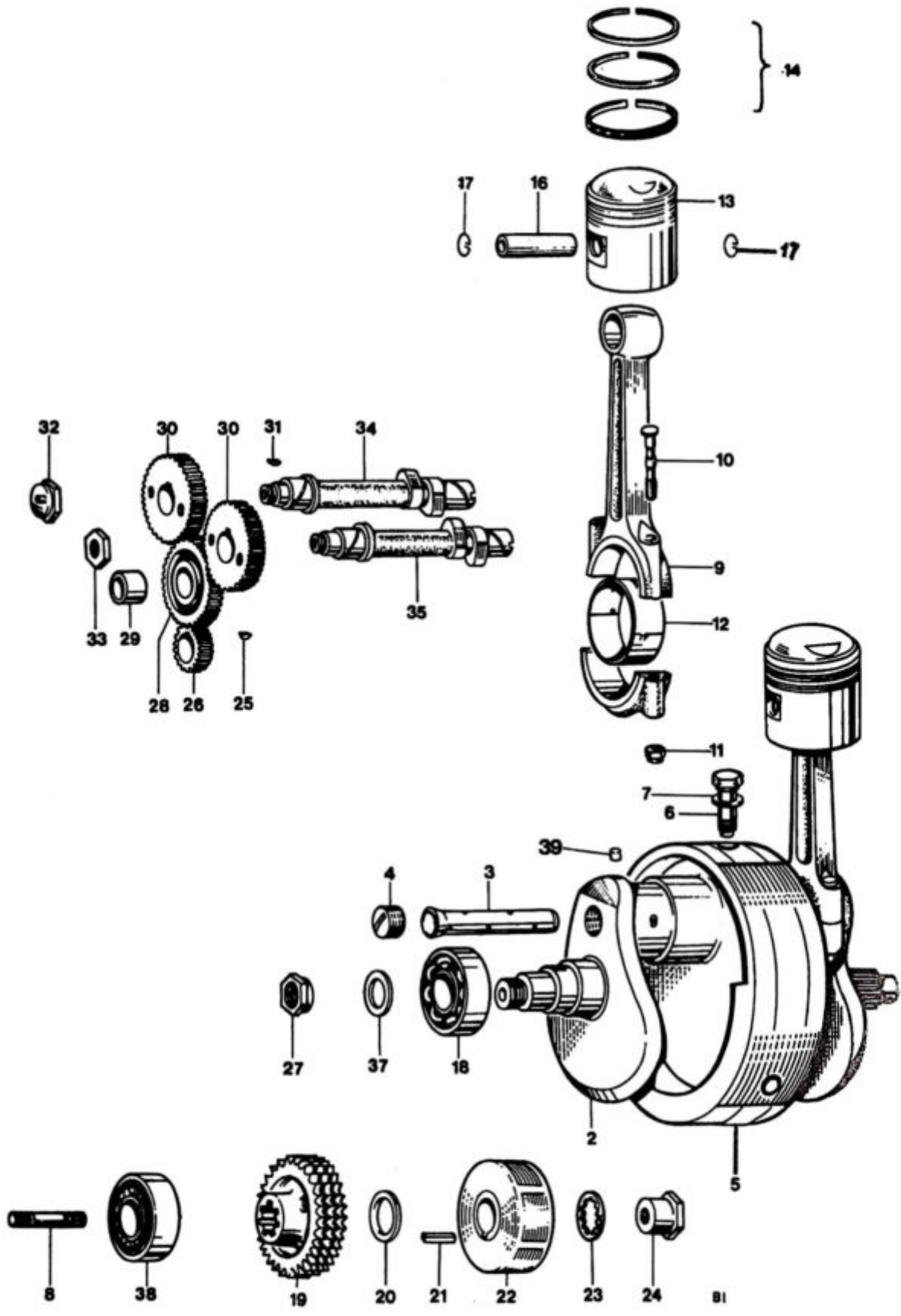


Fig. 1. CRANKSHAFT AND CONNECTING RODS

CRANKSHAFT AND CONNECTING RODS

Ref. No.	Part No.	Description	Qty.	Remarks
1	71-3030	CRANKSHAFT AND FLYWHEEL ASSEMBLY	1	
2	71-3298	CRANKSHAFT c/w OIL TUBE	1	
3	70-3903	Oil tube	1	
4	71-2800	Screwed plug	1	
5	71-2425	Flywheel	1	
6	*71-3552	Flywheel bolt	3	
7	71-1003	Washer	3	
8	21-2183	Crankshaft stud (1-3/8" O.A.)	1	
9	71-3006	CONNECTING ROD	2	
10	70-9914	Connecting rod bolt	4	
11	60-3761	Self locking nut	4	
12	70-3586	Big end bearing (See pg. 6 for undersizes)	2 pr.	
13	71-3778	PISTON COMPLETE (7.9:1)	2	(See pg. 6
14	99-3789	Ring set (See pg. 6 for oversizes)	1	for over-sizes)
16	71-3354	Gudgeon pin	2	
17	71-3700	Circlip	4	
18	60-4167	Main bearing, right (RHP5/6306)	1	
19	71-3542	Motor sprocket, 29T Triplex	1	
20	71-3544	Distance piece	1	
21	71-0082	Rotor key	1	
22	54202275	Rotor	1	
23	21-7024	Fan disc lock washer	1	
24	21-2182	Nut	1	
25	70-1580	Key	1	
26	70-4564	Timing pinion	1	
27	71-2877	Nut	1	
28	70-6159	INTERMEDIATE WHEEL	1	
29	70-0400	Intermediate wheel bush	1	
30	71-3666	Camshaft pinion	2	
31	70-1558	Camshaft key	2	
32	71-1007	Inlet camshaft nut	1	
33	70-6523	Exhaust camshaft nut	1	
34	71-7016	Inlet camshaft	1	
35	71-7017	Exhaust camshaft	1	
37	70-3300	Clamping washer	1	
38	70-2879	Main bearing, left (RM11L)	1	
39	70-3902	Plug, crankshaft oilway	1	
NI	71-2663	Spacer	1	
NI	70-8038	Shim (0.010") Engine sprocket	As req.	
NI	71-2660	Shim (0.030")	As req.	

* Use 60-0524 Loctite Sealant

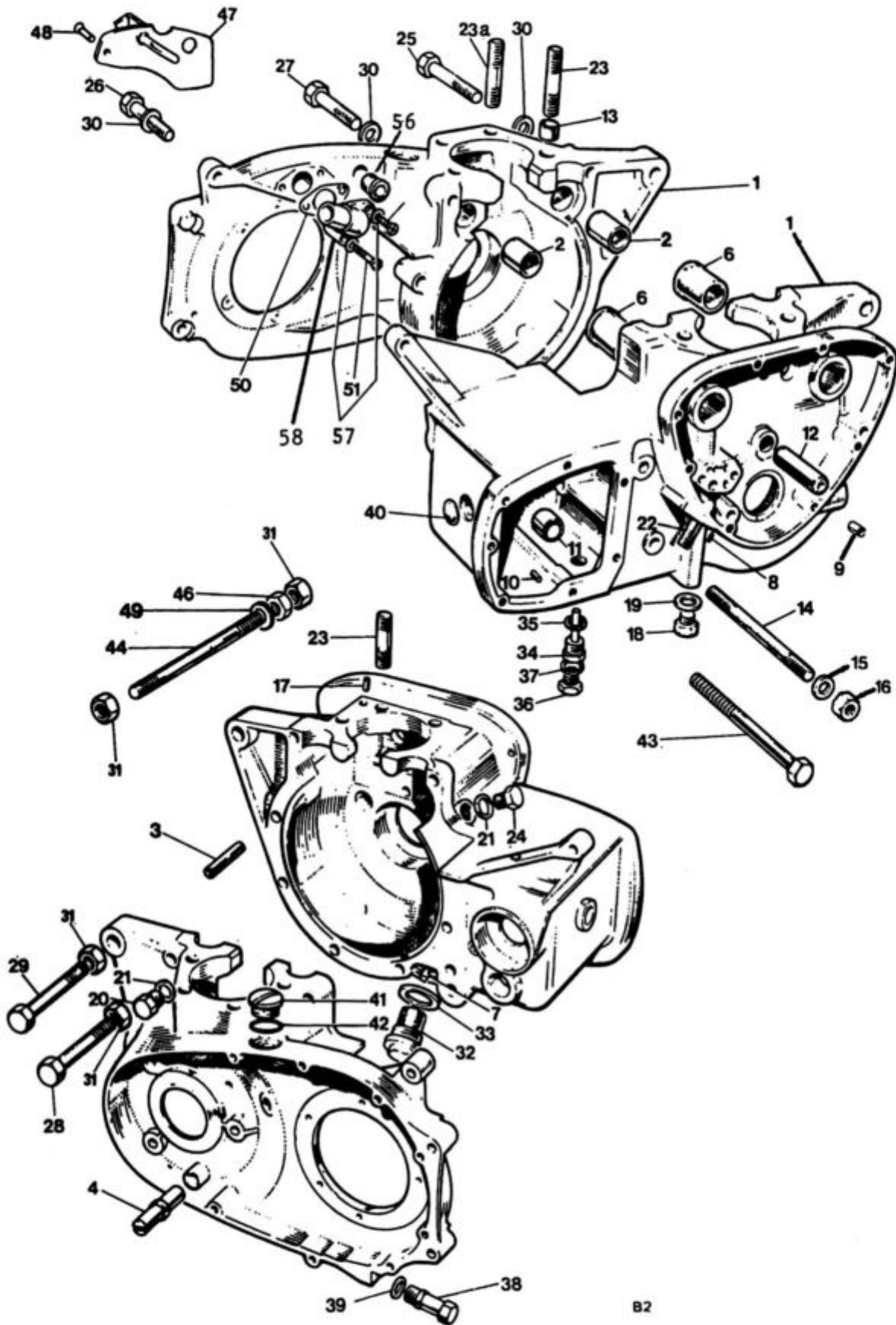


Fig. 2 CRANKCASE

B2

CRANKCASE

Ref. No.	Part No.	Description	Qty.	Remarks
1	71-7401	*CRANKCASE ASSEMBLY	1	* on page
2	71-0287	Camshaft bush, LH	2	12.
3	71-3989	Hollow dowel; Crankcase joint	1	
4	71-7258	Chain tensioner pivot pin	1	
6	71-0286	Camshaft bush, RH	2	
7	70-4538	Scavenge pipe	1	
8	70-6386	Locating peg (at oil pipes)	1	
9	57-0989	Hollow dowel	1	
10	57-0912	Locating peg (L/S at thrust washer)	1	
11	57-1606	Needle roller bearing; layshaft	1	
12	70-0375	Intermediate wheel spindle	1	
13	70-8751	Hollow dowel, cylinder base	2	
14	14-1445	Stud, rear	1	
15	60-4246	Plain washer	2	
16	14-1303	Nut	1	
17	70-1532	Hollow dowel, tappet oil feed	1	
18	70-9330	Oilway plug	1	
19	82-1880	Copper washer	1	
20	21-1871	Tachometer drive plug (LH thread)	1	
21	37-3761	"O" ring, ign. timing hole plug	1	
22	21-1863	Oil pipe stud	1	
23	21-1865	Cylinder stud, inner	4	
23	71-3013	Cylinder stud, outer	4	
24	21-1872	Plug, timing hole	1	
25	21-1870	Bolt, rear	1	
26	14-6220	Bolt, top rear	1	
27	14-6223	Bolt, top front	1	
28	14-0230	Bolt, long - crankcase halves	1	
29	21-1823	Bolt, short - crankcase halves	2	
30	60-2330	Plain washer	10	
31	14-1302	Nut	5	
32	70-9336	Crankcase filter	1	
33	70-8782	"O" Ring	1	
34	57-2167	Drain plug (with level tube)	1	
35	57-1257	Fiber washer	1	
36	21-0543	Level plug	1	
37	60-7132	Copper washer	1	
38	71-7259	Chain adjuster plug	1	
39	70-6299	Washer, adjuster plug	1	
40	60-7268	Blanking plug	1	
41	57-2166	Plug, inspection	1	
42	70-8782	"O" Ring	1	
43	14-6242	Bolt, rear - crankcase halves	1	
44	21-0669	Stud, crankcase halves	1	
46	14-0402	Nut, exhaust ties	2	
47	70-9334	Breather cover plate assy.	1	
48	71-1077	Screw	1	
49	60-2428	Spring washer	2	
50	71-1460	Joint washer	1	
51	70-7354	Screw	2	
56	71-1345	Grommet, alternator leads - external	1	
57	70-6559	Washer, outlet stub screw	2	

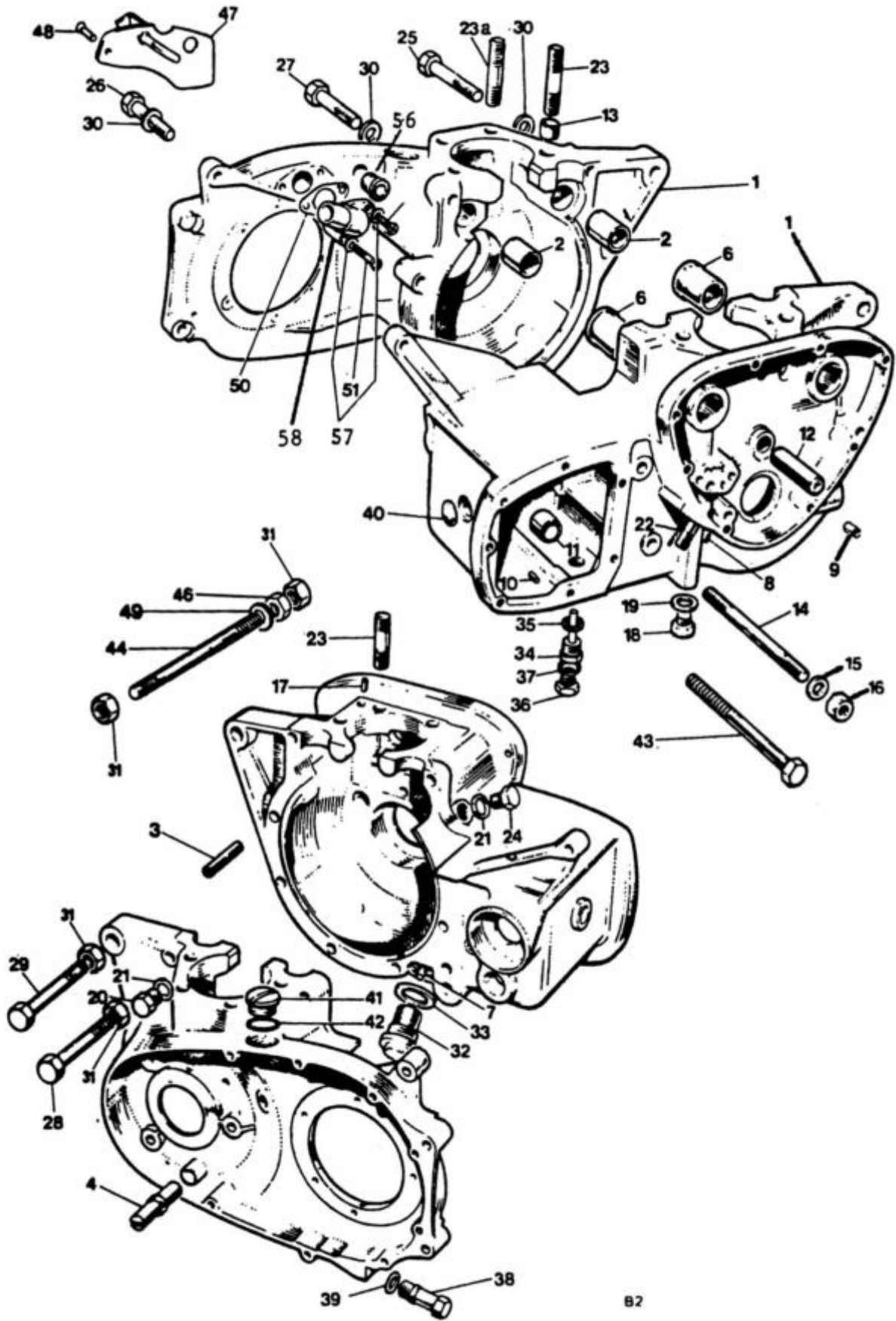


Fig. 2 CRANKCASE

CRANKCASE (continued)

Ref. No.	Part No.	Description	Qty.	Remarks
58	71-4044	Outlet stub	1	

*NOTE: CRANKCASES ARE SUPPLIED AS MATCHED PAIRS ONLY - PN 71-7401

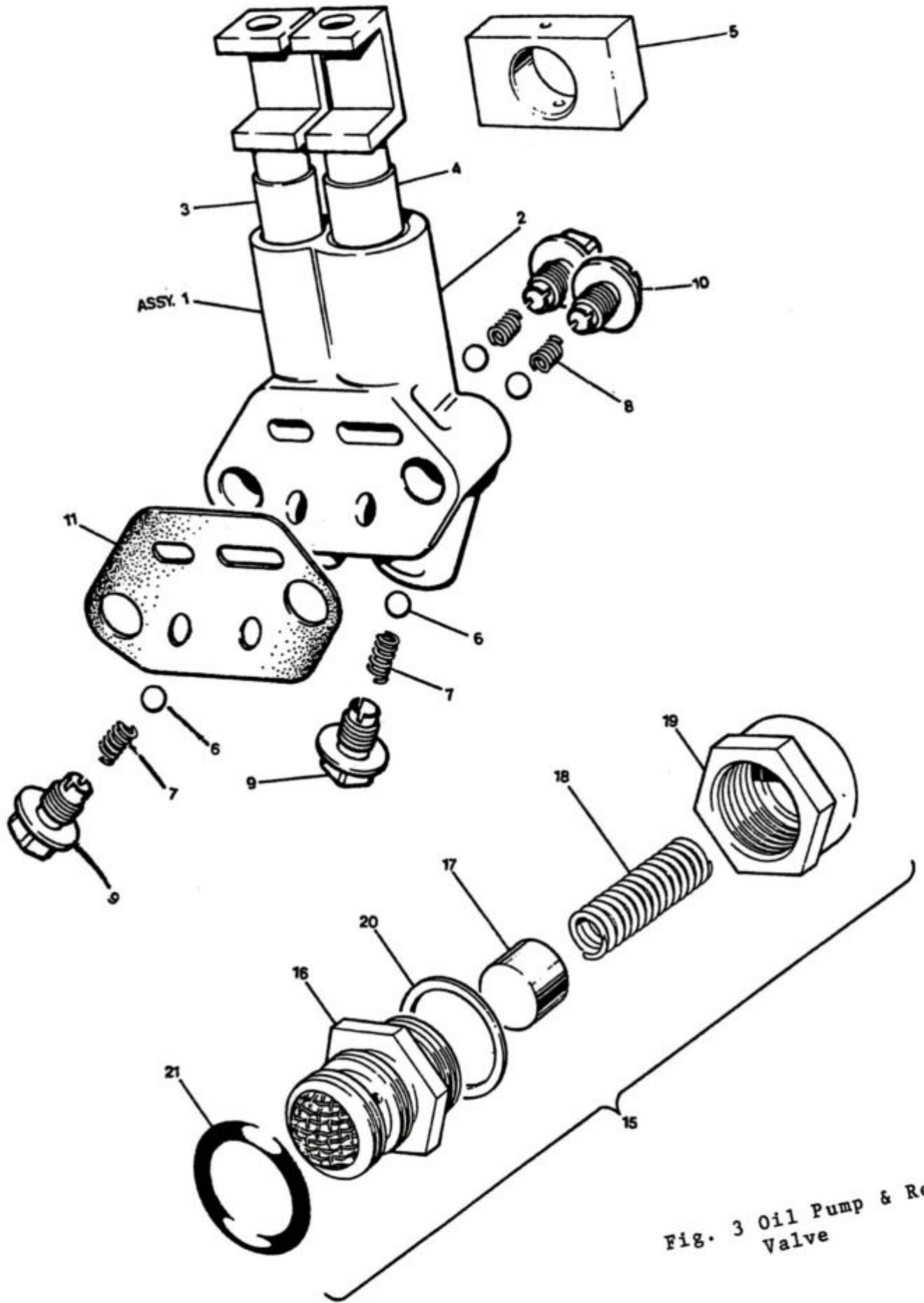


Fig. 3 Oil Pump & Release Valve

OIL PUMP AND RELEASE VALVE

Ref. No.	Part No.	Description	Qty.	Remarks
1	71-7317	OIL PUMP COMPLETE	1	
2	71-7253	Pump body	1	
3	70-9269	Feed plunger	1	
4	70-6681	Scavenger plunger	1	
5	70-0495	Drive block	1	
6	60-2363	Valve ball	4	
7	70-0403	Valve spring, first valve	2	
8	71-7260	Valve spring, second valve	2	
9	71-7314	Screwed plug, square head	3	
10	71-7254	Screwed plug, slotted head	1	
11	71-3910	Joint washer	1	
NI	14-7007	Fixing screw, short	1	
NI	14-7008	Fixing screw, long	1	
NI	60-2417	Washer, spring - Fixing screw	2	
15	71-3447	Oil pressure release valve	1	
16	Ref. only	Body	N/A	
17	Ref. only	Piston	N/A	
18	70-6062	Spring	1	
19	Ref. only	Cap	N/A	
20	70-8754	Joint washer (cap to body)	1	
21	60-3355	"O" Ring, release valve	1	

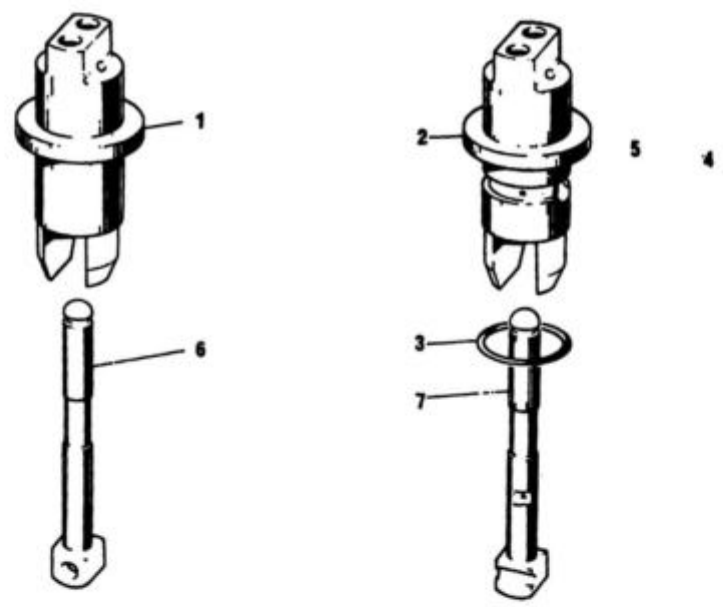
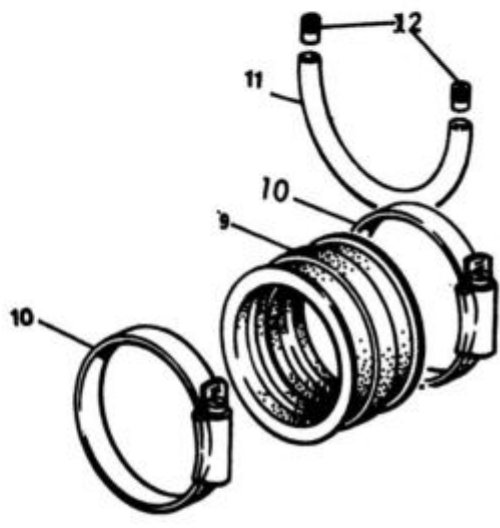
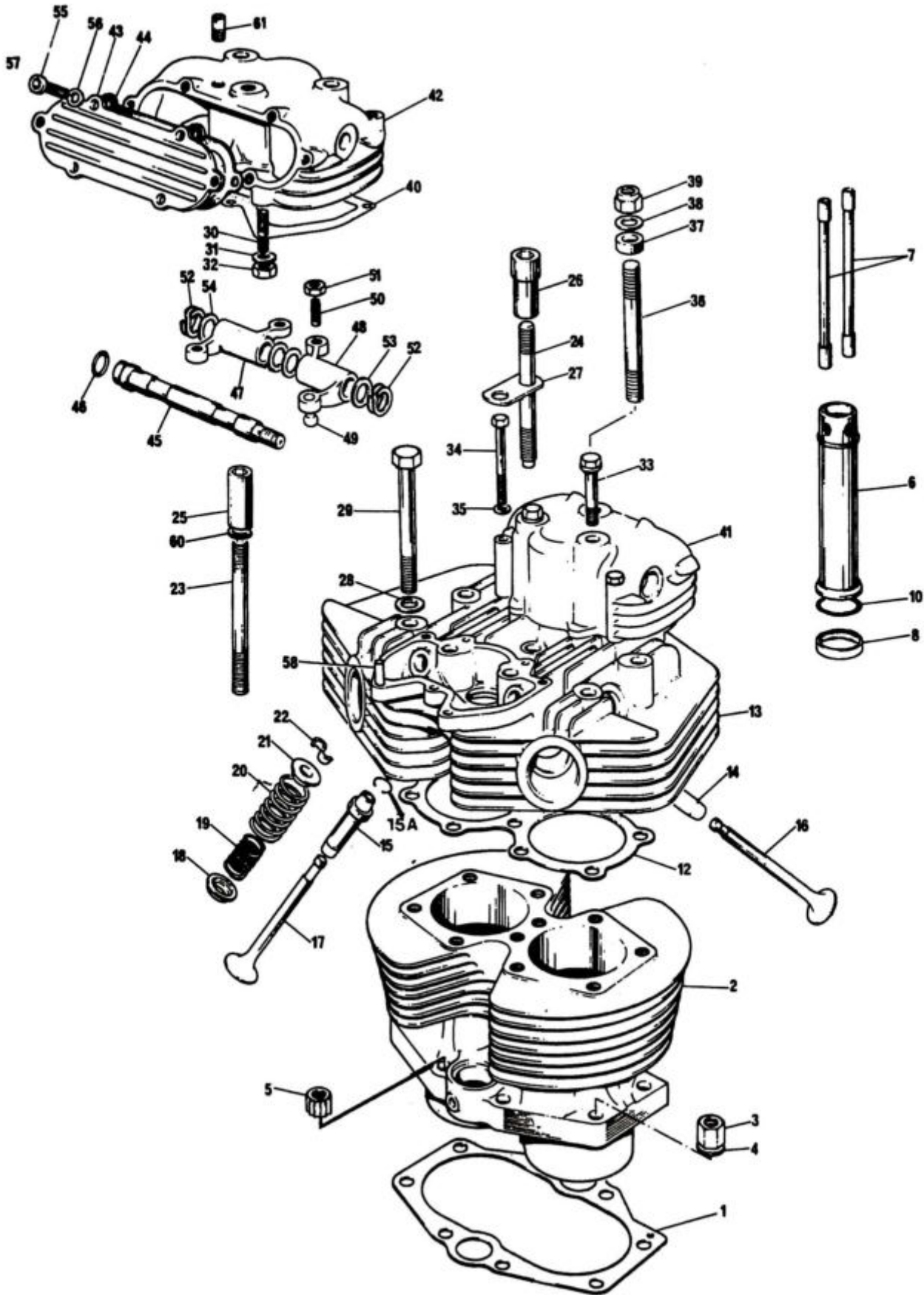


Fig. 4. MANIFOLD AND TAPPETS

MANIFOLD AND TAPPETS

Ref. No.	Part No.	Description	Qty.	Remarks
1	71-7194	Inlet tappet, guide block	1	
2	71-7195	Exhaust tappet, guide block	1	
3	70-7563	"O" Ring	<u>1</u>	
4	97-0200	Set bolt	2	
5	70-2441	Washer	2	
6	71-7008	Inlet tappet	2	
7	70-8801	Exhaust tappet	2	
9	60-7076	Connecting rubber; carb. to head	2	
10	60-7077	Connecting rubber clip	4	
11	71-7051	Connector pipe - balance	1	
12	71-7103	Connector stub	2	

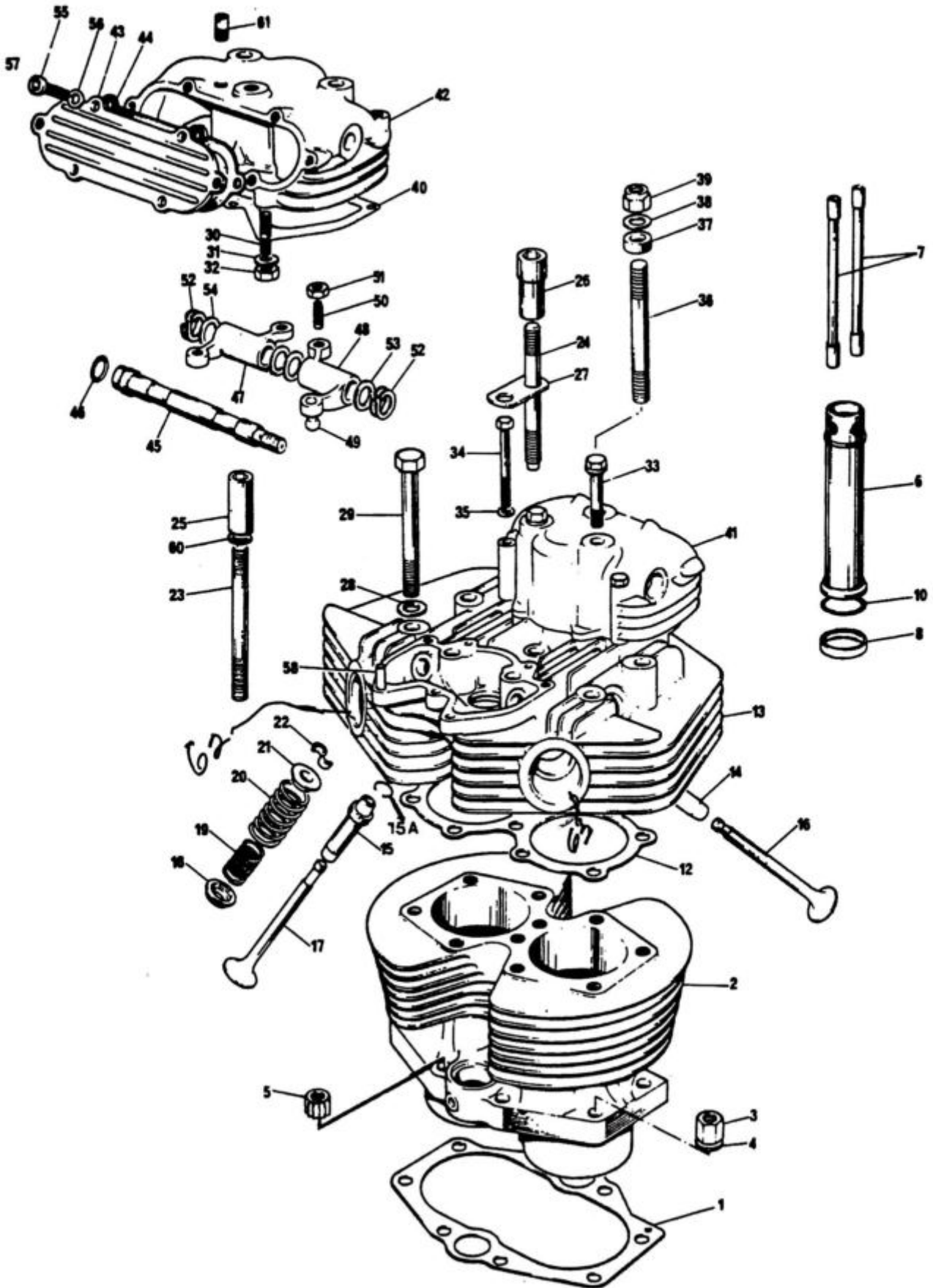
CYLINDER BLOCK & HEAD



CYLINDER BLOCK AND HEAD

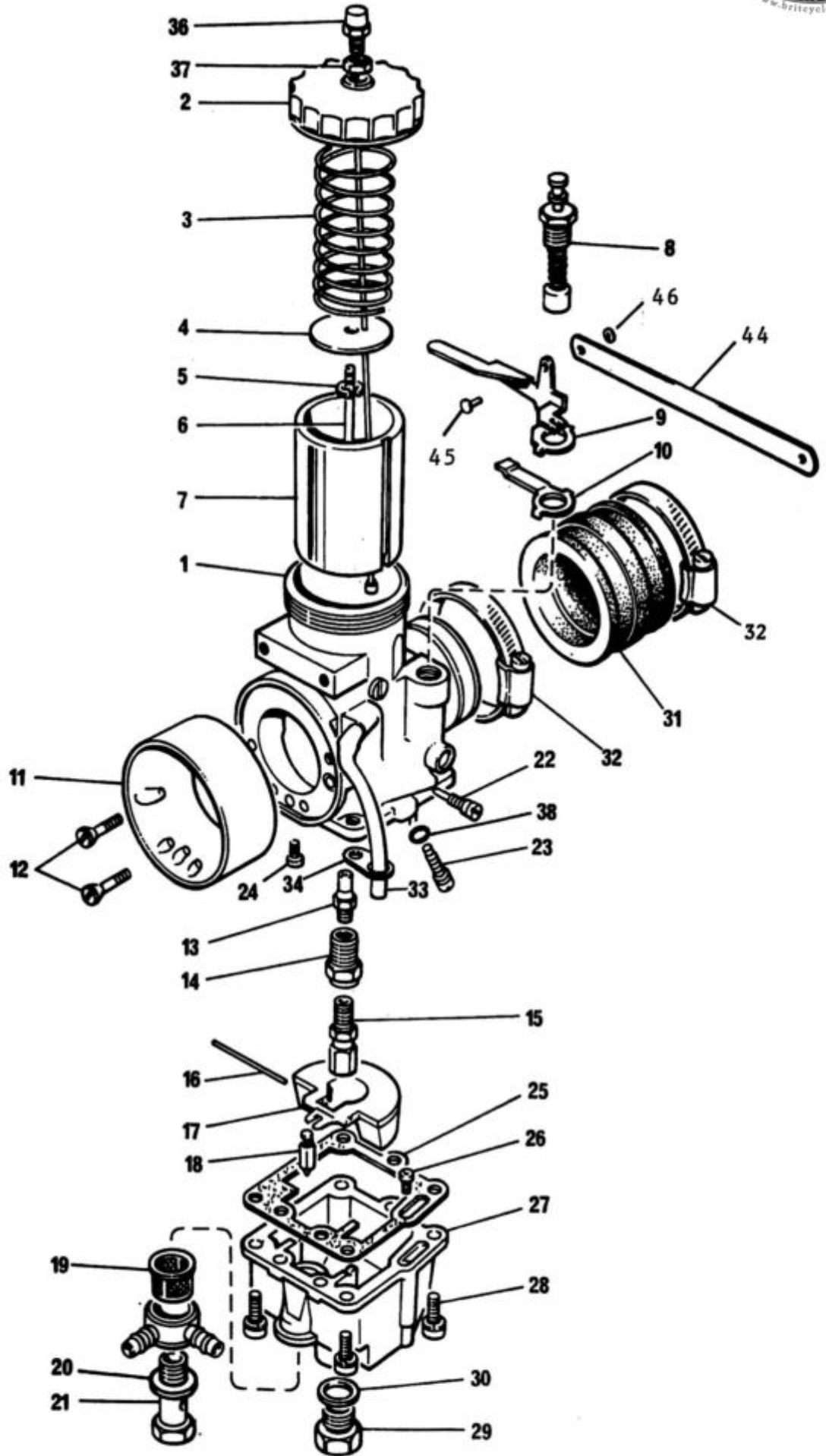
Ref. No.	Part No.	Description	Qty.	Remarks
1	70-6309	Cylinder base washer	1	
2	71-4005	Cylinder block	1	
3	21-2177	Cylinder base nut	4	
4	70-3446	Washer	4	
5	21-0692	Cylinder base nut (12 point)	4	
6	71-7191	Push rod cover tube	2	
7	71-3330	Push rod	4	
8	71-7196	Sleeve	2	
10	71-1283	"O" Ring	4	
12	71-4619	Cylinder head gasket	1	
13	71-7046	CYLINDER HEAD ASSY c/w INTAKES	1	
14	71-7201	Inlet valve guide	2	
15	71-7202	Exhaust valve guide	2	
15a	70-3209	Circlip, valve guide	4	
16	70-4603	Inlet valve	2	
17	70-2904	Exhaust valve	2	
18	71-7203	Bottom cup	4	
19	70-4221	Inner valve spring	4	
20	70-7400	Outer valve spring	4	
21	70-1543	Top collar	4	
22	71-3748	Split cotter	8	
23	21-2201	Stud, cylinder head (3/8")	4	
24	21-2200	Stud, cylinder head (5/16")	2	
25	21-2204	Socket nut (3/8")	4	
26	21-2205	Socket nut (5/16")	2	
27	71-3553	Bridge plate	1	
28	82-2184	Washer	4	
29	14-0241	Bolt, cylinder head	4	
30	14-1401	Stud, rocker box	6	
31	70-3302	Washer	6	
32	14-0301	Nut	6	
33	21-2206	Bolt, rocker box	2	
34	21-1875	Bolt, rocker box	4	
35	60-4248	Washer	4	
36	21-2197	Stud	2	
37	37-2338	Distance piece	2	} Torque Stay
38	60-2331	Washer	2	
39	14-1303	Nut	2	
40	71-2599	Rocker box gasket	2	
41	71-3668	Inlet Rocker Box	1	
42	71-7050	Exhaust Rocker Box	1	
43	71-3671	Tappet inspection cover	2	
44	71-3673	Gasket	2	
45	71-3549	Rocker spindle	2	
46	60-3548	Sealing ring	2	
47	71-7044	Rocker (Right exhaust, left inlet)	2	
48	71-7043	Rocker (Left exhaust, right inlet)	2	
49	71-0070	Ball pin	4	
50	71-7045	Adjuster pin	4	
51	14-0402	Lock nut	4	
52	70-1574	Spring washer	4	
53	70-1575	Thrust washer (1/2")	6	
54	70-1330	Thrust washer (3/8")	2	
55	14-7004	Screw, socket head	12	
56	60-3963	Washer	12	

CYLINDER BLOCK & HEAD



CYLINDER BLOCK AND HEAD (continued)

Ref. No.	Part No.	Description	Qty.	Remarks
58	71-2361	Dowel, rocker box to head	4	
60	71-2598	Plain washer	4	
61	71-3313	Connector - Breather	1	



CARBURETOR T140E - AMAL MK II CONCENTRIC

Ref. No.	Part No.	Description	Qty.	Remarks
NI	L2930/E2	CARBURETOR, LEFT	1	Less mounting rubber & choke linkage.
NI	R2930/E1	CARBURETOR, RIGHT	1	
1	L2930/002	CARBURETOR BODY LEFT	1	
1	R2930/002	CARBURETOR BODY RIGHT	1	
2	2928/064	Mixing Chamber Top	1	
3	2928/061	Throttle spring	1	
4	2928/071	Needle retaining disc	1	
5	2622/067	Needle clip	1	
6	2928/030	Throttle Needle 2C3	1	
7	2928/060-3	Throttle Slide No. 3	1	
8	2622/079	Cold Start Plunger Assy	1	LH Carb.
9	2622/075	Cold Start Lever & Bracket Assy	1	
10	2622/087	Cold Start Click Spring	1	
11	2928/062	Air Intake Adaptor	1	
12	2622/073	Screws - Air Intake Adaptor	2	
13	2928/031-105	Needle Jet 105 SS	1	
14	622/128	Jet Holder	1	
15	376/100-200	Main Jet 200	1	
16	2622/069	Float Spindle	1	
17	622/069	Float	1	
18	622/149	Float Needle	1	
19	376/093	Filter	1	
20	13/163	Banjo bolt washer	1	
21	622/078	Banjo bolt	1	
22	622/076	Pilot Air Screw	1	
23	622/077	Throttle Stop Screw	1	
24	124/026-25	Pilot Jet 25	1	
25	2622/070	Washer, Float Bowl	1	
26	124/026-35	Cold Start Jet No. 35	1	
27	2622/139	Float Bowl Assy	1	
28	2622/086	Screws - Float Bowl	4	
29	2622/065	Drain plug - Float Bowl	1	
30	2622/066	Drain plug washer - Float Bowl	1	
31	2928/123	Rubber connector	1	
32	2928/146	Clip, rubber connector	2	
33	2622/145	Air Vent Pipe	2	
34	2622/134	Clip, Air Vent Pipe	2	
NI	2622/169	Cold Start Lever & Bracket Assy	1	RH Carb.
36	4/035	Throttle cable adjuster	1	
37	5/077	Locknut - Throttle cable adjuster	1	
38	622/082	"O" Ring; for Air & Throttle screw	2	
NI	71-7052	Connector Bracket	1	
NI	23-1031	Screw, Bracket to Carburetor	3	
NI	60-2427	Washer	2	
NI	21-7028	Grub screw, Bracket to Carb.	1	
NI	21-7030	Plain washer	1	
44	71-7053	Link - Cold Start	1	
45	71-7054	Pivot pin	2	
46	60-7078	Fastener, for pin	2	
NI	83-7550	Petrol Pipe	1	
NI	2622/144	Washer Set	Available	

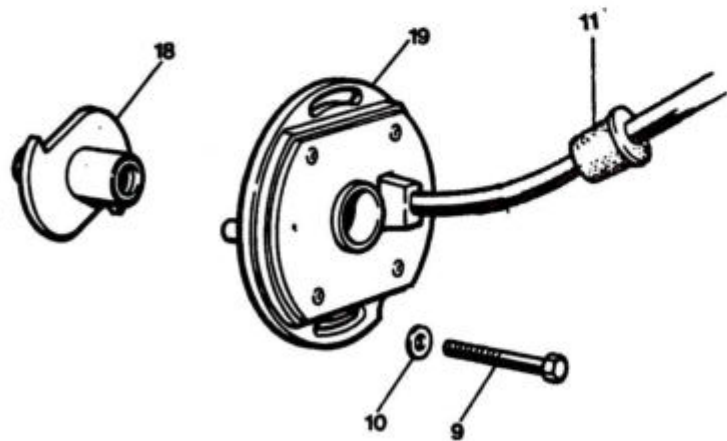
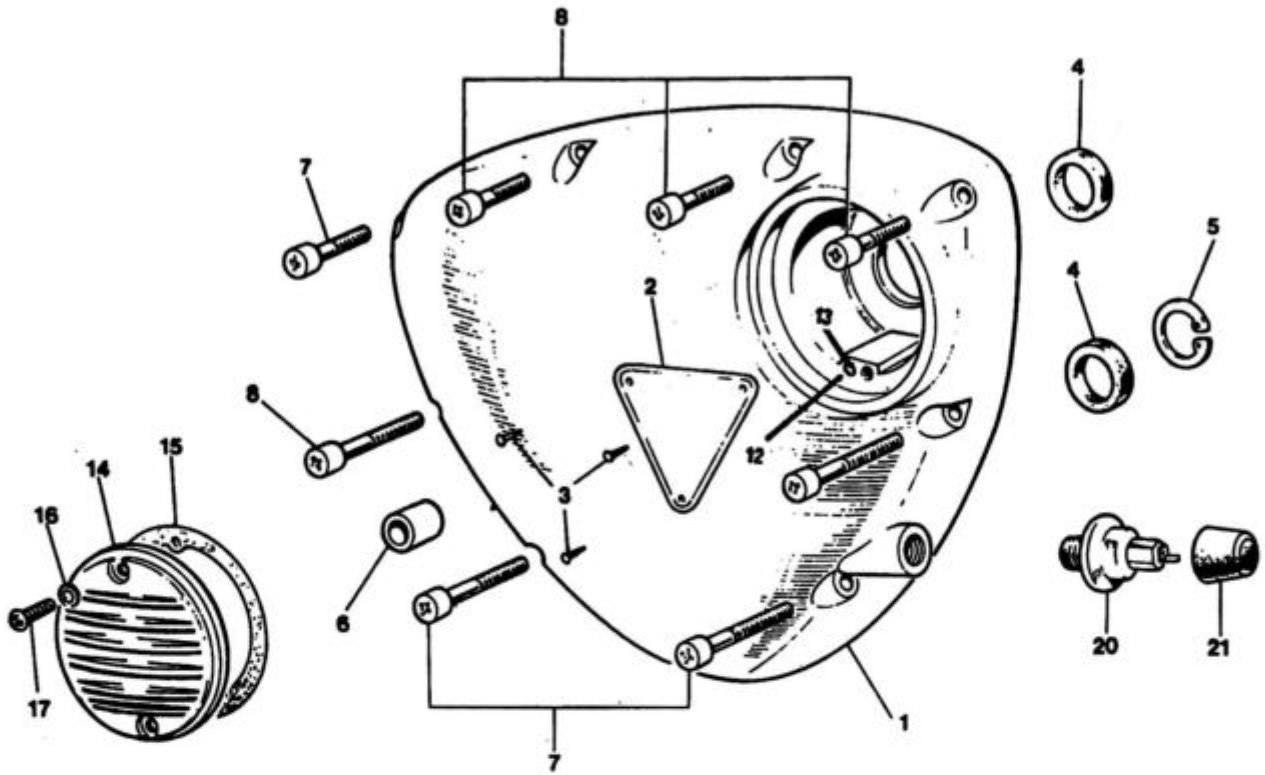


Fig. 10 Timing Cover and Pulse Sensor

TIMING COVER AND PULSE SENSOR

Ref. No.	Part No.	Description	Qty.	Remarks
1	71-7318	TIMING COVER c/w Patent Plate	1	
2	70-4016	Patent Plate	1	
3	60-4255	Hammer, Drive Screw	3	
4	70-4568	Oil Seal	1	
4	70-6387	Oil Seal (0.020" Undersize)	A	
NI	71-7263	Joint Washer, Timing Cover	1	
5	70-4569	Circlip	1	
6	57-0989	Hollow Dowel	2	
7	14-7007	Screw, long	2	
8	14-7006	Screw, short	6	
9	14-0207	Bolt	1	
10	70-8163	Plain washer	1	
11	70-4707	Rubber Grommet	1	
12	70-7680	Pillar bolt	2	
13	70-6559	Plain washer, for Pillar bolt	2	
14	71-7159	Cover	1	
15	71-1462	Joint washer	1	
16	97-0430	Fiber washer	2	
17	70-7354	Screw (1/2" Under Head)	2	
18	54400905	Reluctor	1	
19	54400766	Pulse Sensor c/w lead	1	
20	60-3719	Oil Pressure Switch	1	
21	71-2930	Cover - Oil Pressure Switch	1	

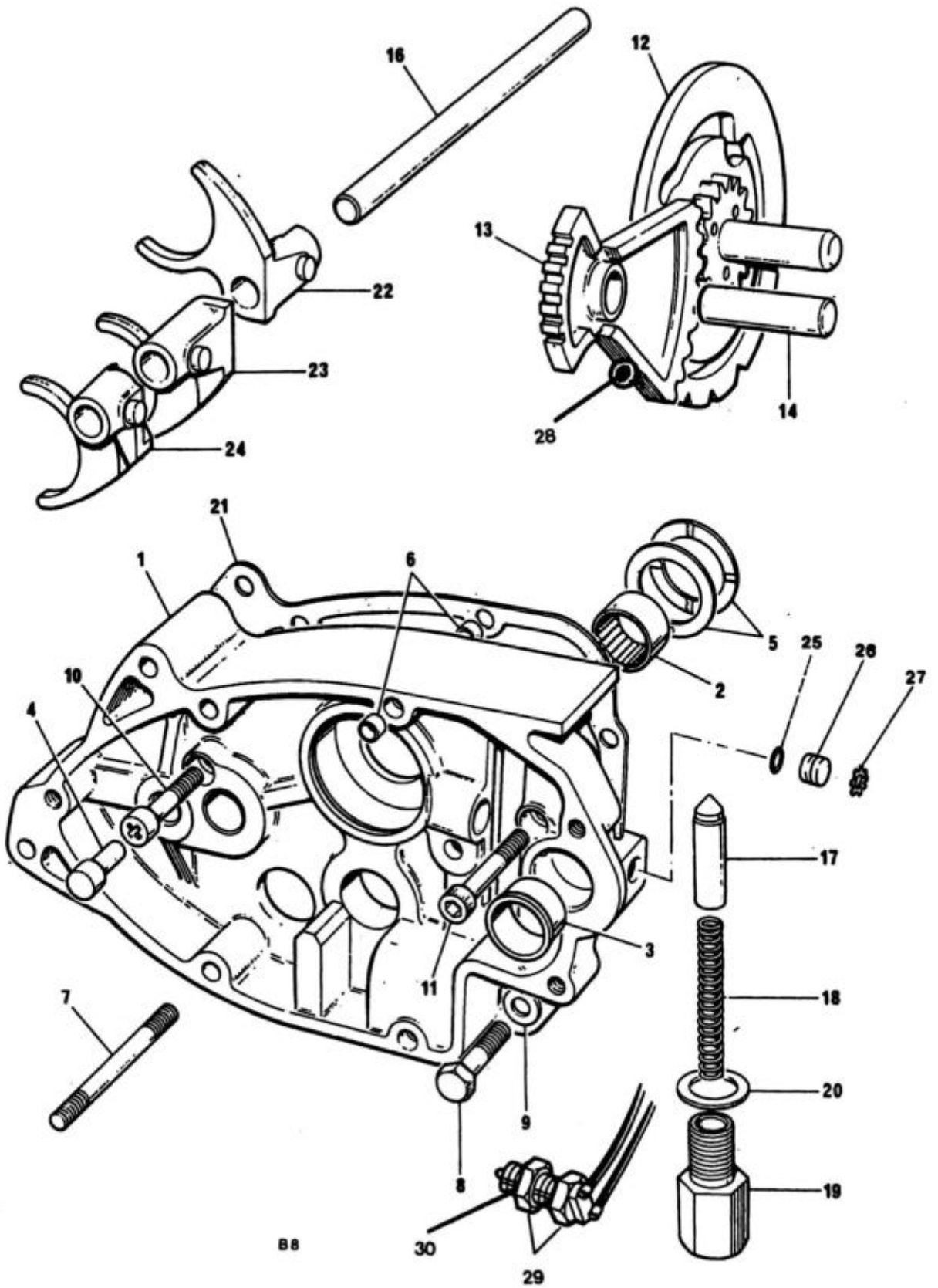


Fig. 11 GEARBOX INNER COVER AND SELECTORS

GEARBOX INNER COVER AND SELECTORS

Ref. No.	Part No.	Description	Qty.	Remarks
1	57-7049	GEARBOX INNER COVER	1	
2	57-1614	Layshaft bearing	1	
3	57-7009	Gearchange spindle bush	1	
4	57-0045	Kickstart Stop	1	
5	57-1607	Thrust washer	2	
6	57-0989	Hollow dowel	4	
7	21-2149	Stud	2	
8	21-1907	Bolt	1	
9	70-3446	Washer	1	
10	14-6608	Screw	1	
11	14-7023	Screw	1	
12	57-4889	Camplate	1	
13	57-7052	Operating Quadrant c/w pin	1	
14	57-7011	Quadrant spindle	1	
16	57-3989	Selector fork rod	1	
17	57-7020	Index Plunger	1	
18	57-4459	Spring, Index Plunger	1	
19	57-4400	Housing, Index Plunger	1	
20	57-3978	Washer	1	
21	57-7012	Joint washer, Inner Cover to Crankcase	1	
22	57-4364	Selector fork, M/shaft 4th gear	1	
23	57-4366	Selector fork, Layshaft 3rd gear	1	
24	57-4660	Selector fork, Layshaft 1st gear	1	
25	37-3761	"O" Ring	1	
26	57-7015	Plug	1	
27	57-7016	Retainer	1	
28	57-7041	Operating pin	1	
29	33906	Switch - Neutral, c/w lock nut	1	
30	70-1335	Washer, for Switch	1	

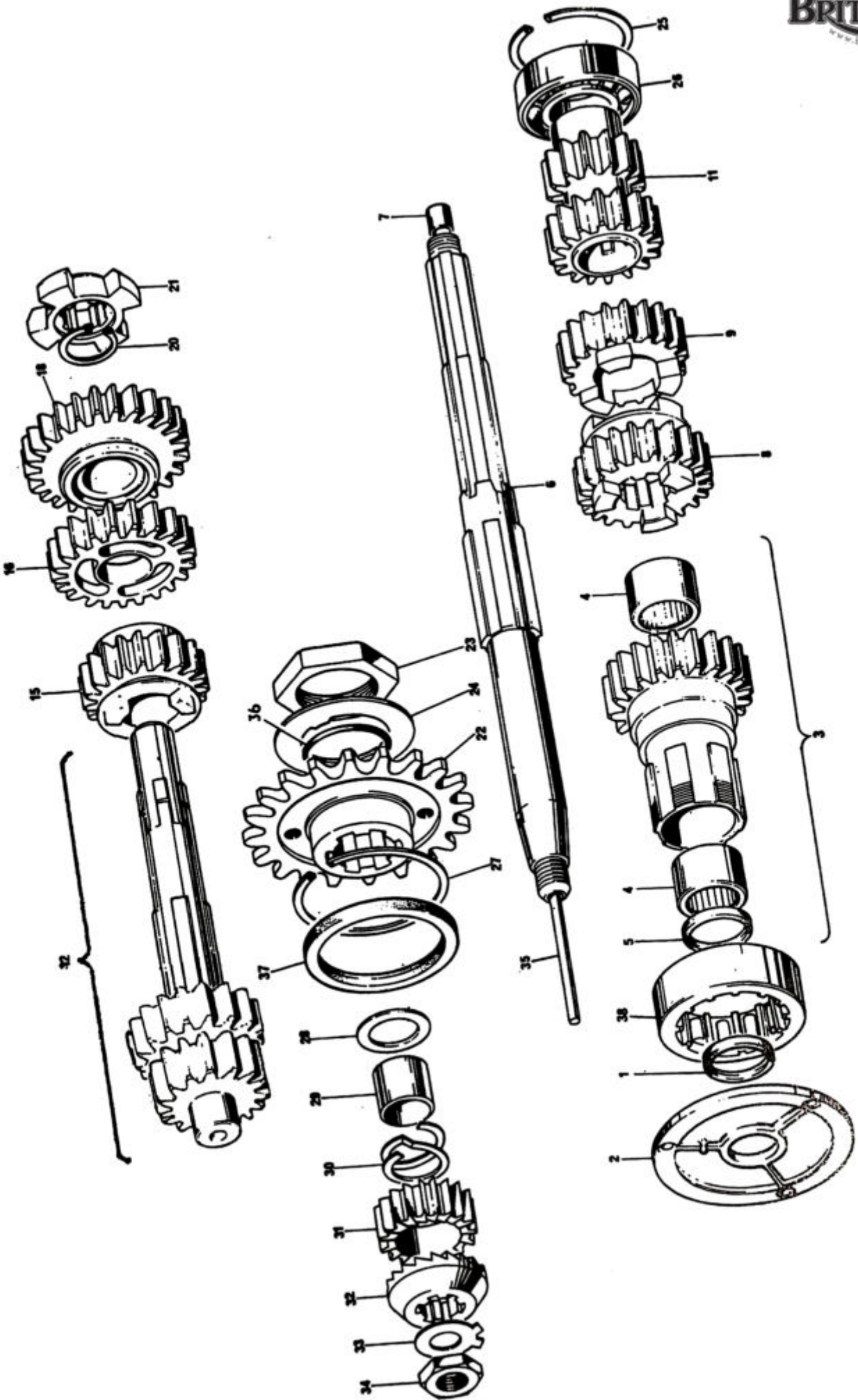


FIG. 12 GEARBOX SHAFTS AND GEARS (5 SPEED)

GEARBOX SHAFTS AND GEARS

Ref. No.	Part No.	Description	Qty.	Remarks
1	60-3500	Oil seal, cover plate	1	
2	70-3789	Cover Plate	1	
3	57-4779	MAINSHAFT HIGH GEAR ASSEMBLY	1	
4	60-3511	Needle roller bearing	2	
5	60-3500	Oil seal, high gear	1	
6	57-4432	MAINSHAFT	1	
7	57-3988	Bush	1	
8	57-4376	MAINSHAFT 4th Gear	1	
9	57-4377	MAINSHAFT 3rd Gear c/w bush	1	
11	57-4653	MAINSHAFT 1st and 2nd Gear	1	
12	57-4900	LAYSHAFT ASSEMBLY COMPLETE	1	
15	57-4647	LAYSHAFT 3rd Gear	1	
16	57-4657	LAYSHAFT 2nd Gear c/w bush	1	
18	57-4654	LAYSHAFT 1st Gear c/w bush	1	
20	60-3494	Circlip	1	
21	57-4661	Driving Dog	1	
22	57-4782	Gearbox sprocket - 20T	1	
23	57-4396	Locknut	1	
24	57-4909	Lock washer	1	
25	70-0489	Circlip	1	
26	60-3552	Bearing, Mainshaft	1	Hoffman LS8
27	57-4113	Circlip	1	
28	57-1962	Washer	1	
29	57-1963	Pinion sleeve	1	
30	57-1250	Pinion spring	1	
31	57-0730	Kickstart pinion	1	
32	57-0731	Kickstart ratchet	1	
33	57-2240	Tab washer	1	
34	21-0594	Nut	1	
35	57-1736	Clutch Operating Rod	1	
36	71-1070	"O" Ring, Gearbox sprocket	1	
37	60-3512	Oil Seal, Gearbox sprocket	1	
38	60-4100	Bearing, High Gear	1	

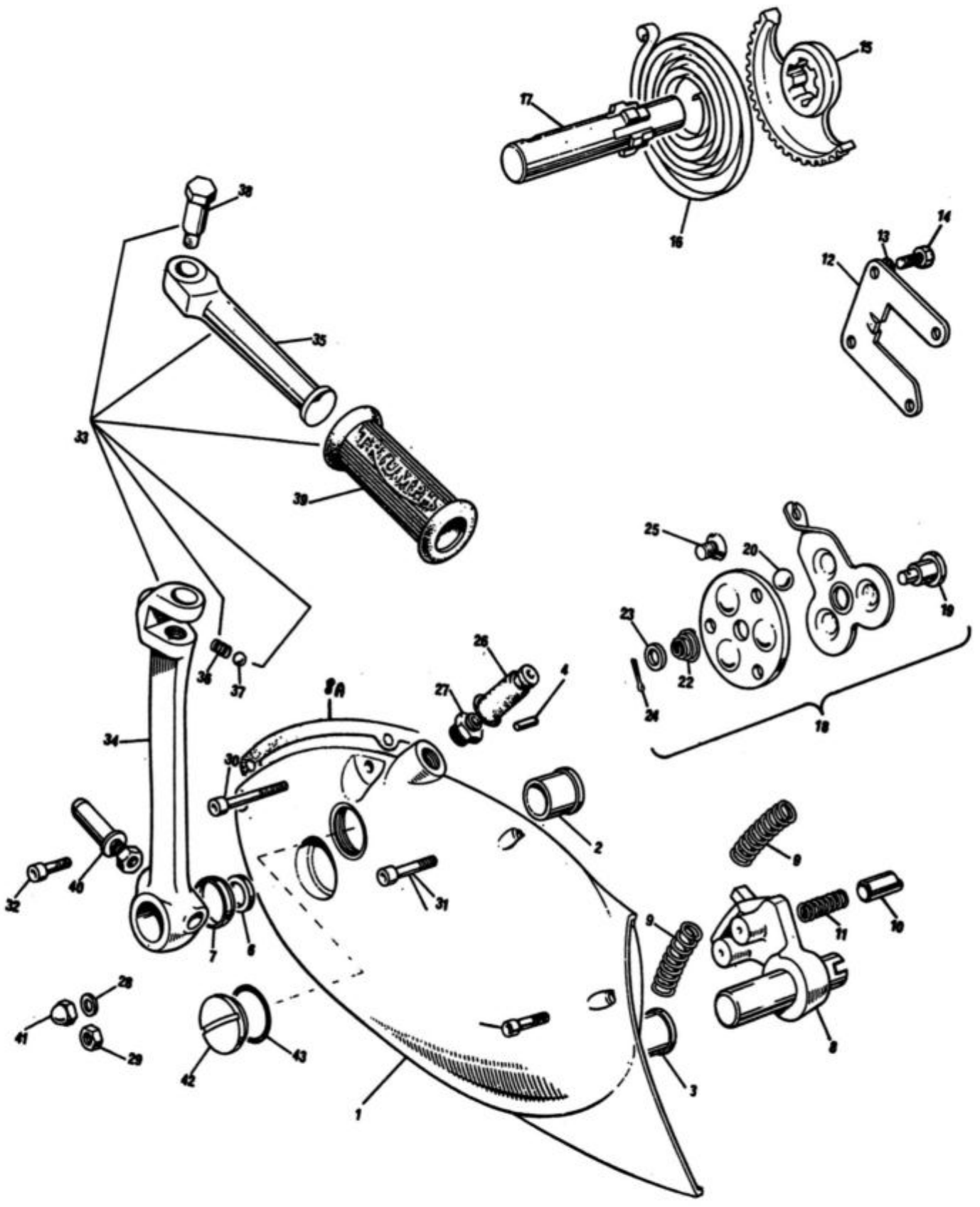


Fig. 13. GEARBOX OUTER COVER

GEARBOX OUTER COVER

Ref. No.	Part No.	Description	Qty.	Remarks
1	57-7050	GEARBOX OUTER COVER	1	
2	57-0023	Kickstarter spindle bush	1	
3	57-7008	Gearchange spindle bush	1	
4	57-0047	Kickstarter spring anchor pin	1	
6	57-1956	Oil Seal	1	
7	57-1955	Housing, Oil Seal	1	
8	57-7021	Gearchange Quadrant Assembly	1	
8A	71-1448	Gasket, Outer Cover	1	
9	57-7051	Quadrant return springs	2	
10	57-4403	Plunger, Gearchange Quadrant	2	
11	57-0405	Spring, Plunger	2	
12	57-0407	Guide Plate	1	
13	70-1612	Serrated washer	4	
14	14-6103	Bolt, Guide Plate	4	
15	57-4117	Kickstarter Quadrant	1	
16	57-0031	Return spring, Kickstarter	1	
17	57-4756	Axle, Kickstarter	1	
18	57-7033X	Clutch Lever Assembly	1	
19	57-1710	Lever shaft	1	
20	60-2368	Ball (3/8" Diameter)	3	
22	57-1712	Return spring	1	
23	57-3673	Plain washer	1	
24	60-2701	Split pin (5/64" x 1/2")	1	
25	21-1879	Countersunk screw	2	
26	57-1646	Rubber cover	1	
27	57-3762	Abutment, for Clutch Cable	1	
28	60-4247	Plain washer	2	
29	14-1302	Nut	1	
30	14-7013	Screw, Cover to Crankcase	2	
31	14-7007	Screw, Outer to Inner Cover	2	
32	14-7006	Screw, Outer to Inner Cover	1	
33	57-7018	FOLDING KICKSTARTER ASSEMBLY	1	
34	57-2173	Kickstarter crank	1	
35	57-7017	Kickstarter pedal	1	
36	57-1167	Pedal locating spring	1	
37	60-2364	Steel ball, 1/4" Diameter	1	
38	21-0541	Pedal bolt	1	
39	57-2330	Pedal rubber	1	
40	57-4356	Cotter pin c/w nut & washer	1	
41	21-0544	Domed nut	1	
42	57-2166	Filler plug	1	
43	70-8782	"O" Ring	1	

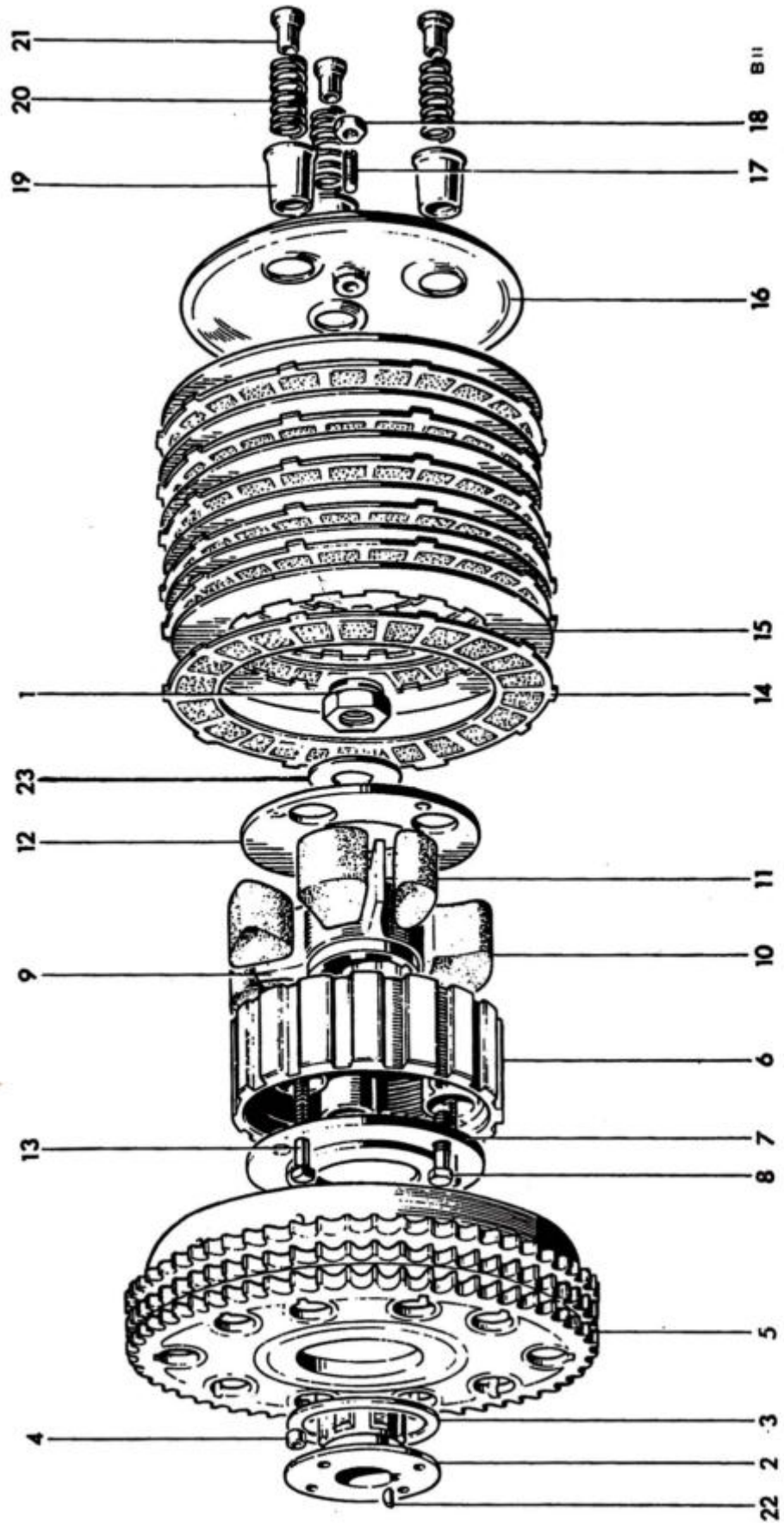
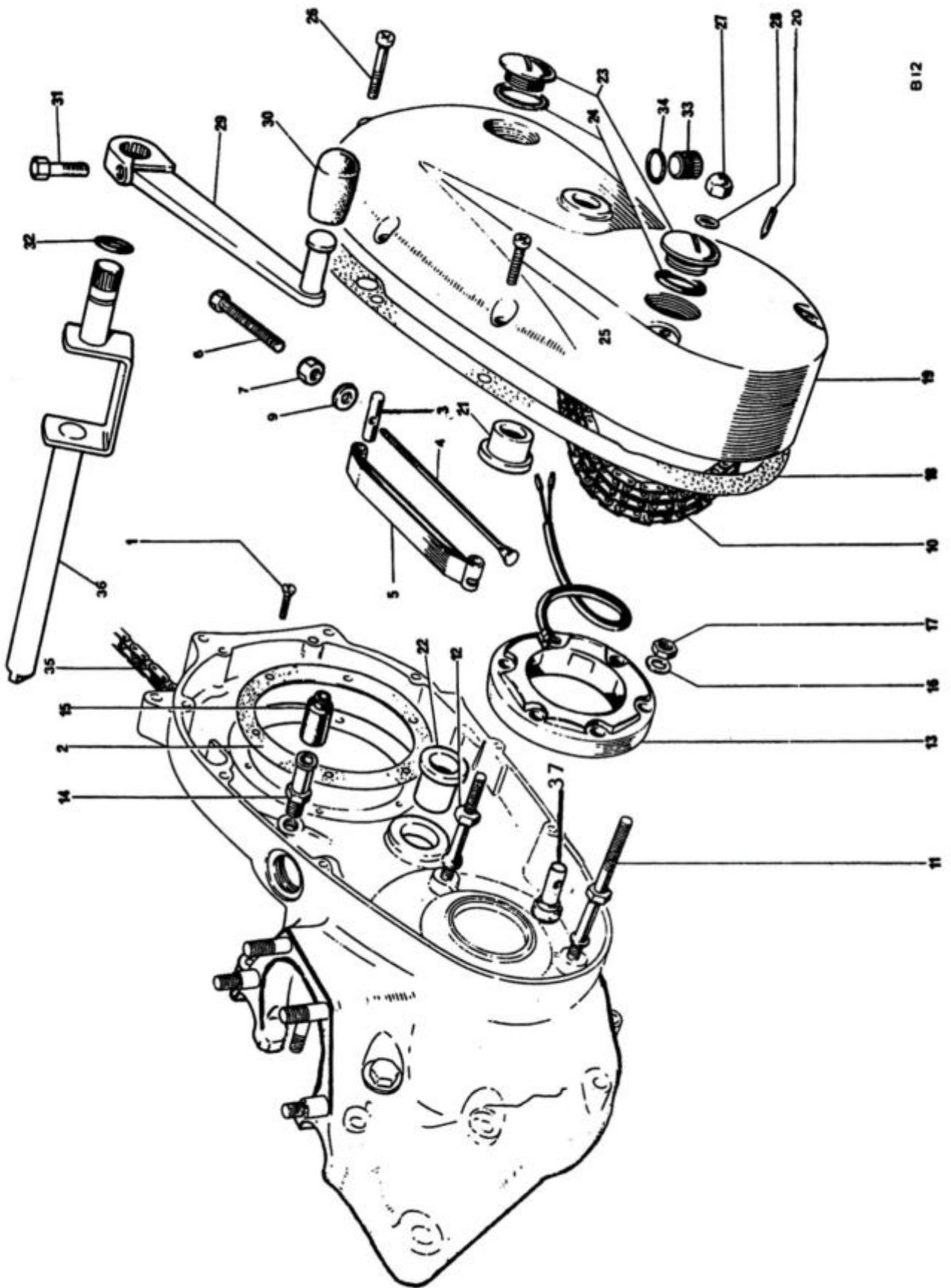


Fig. 14. CLUTCH

CLUTCH

Ref. No.	Part No.	Description	Qty.	Remarks
1	21-0586	Clutch securing nut	1	
2	57-3929	Hub	1	
3	57-3931	Thrust washer	1	
4	57-0394	Roller	20	
5	57-4640	Sprocket & Housing	1	
6	57-4438	Center	1	
7	57-4436	Inner Plate	1	
8	21-2157	Bolt	3	
9	57-4636	Shock Absorber Spider	1	
10	57-1722	Drive rubber, large	3	
11	57-1723	Rebound rubber, small	3	
12	57-4437	Outer Plate	1	
13	57-4754	Screwed pin	3	
14	57-4763	DRIVING PLATE (bonded)	6	
15	57-1363	DRIVEN PLATE	6	
16	57-4590	Pressure Plate	1	
17	57-2159	Adjuster pin	1	
18	14-0403	Nut	1	
19	57-1931	Spring cup	3	
20	57-4644	Spring	3	
21	57-2526	Pressure nut	3	
22	60-4253	Key	1	
23	57-4794	Washer	1	



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FIG. 15. CHAINCASE AND CHAINS

CHAINCASE AND CHAINS

Ref. No.	Part No.	Description	Qty.	Remarks
1	70-3821	Countersunk screw	6	
2	71-1419	Joint washer	1	
3	70-5087	Trunnion	1	
4	71-7255	Tie rod, Chain Tensioner	1	
5	70-5085	Blade, Chain Tensioner	1	
6	21-7064	Screw, Chain Adjuster	1	
7	14-0401	Nut, screw	1	
9	60-7268	Washer, for nut	1	
10	60-4125	Primary Chain, 3/8" Triplex x 84 links	1	
11	21-2199	Stud, Stator	2	
12	21-2198	Stud, Stator	1	
13	47252	STATOR RH24	1	
14	70-9360	Sleeve nut	1	
15	70-4144	Rubber Grommet	1	
16	60-4247	Plain washer	3	
17	14-0702	Self-locking nut	3	
18	71-7009	Joint washer	1	
19	71-7003	CHAINCASE	1	
20	71-3892	Timing pointer	1	
21	57-0023	Bush, Footchange spindle	1	
22	57-7009	Bush, Footchange spindle - inner	1	
23	71-3895	Inspection plug	2	
24	71-3896	"O" Ring	2	
25	14-7006	Screw	6	
26	14-7019	Screw	2	
27	21-0544	Domed nut	2	
28	82-1880	Copper washer	2	
29	57-7010	Gearchange pedal	1	
30	57-2450	Pedal rubber	1	
31	14-0201	Bolt	1	
32	60-2640	"O" Ring, Shift spindle	1	
33	14-7017	Drain plug, Primary Cover	1	
34	70-6299	"O" Ring, drain plug	1	
35	60-2118	Rear Chain, 5/8"x3/8"x107 links	1	
36	57-7003	Footchange spindle	1	
37	71-7258	Abutment, Chain Tensioner	1	

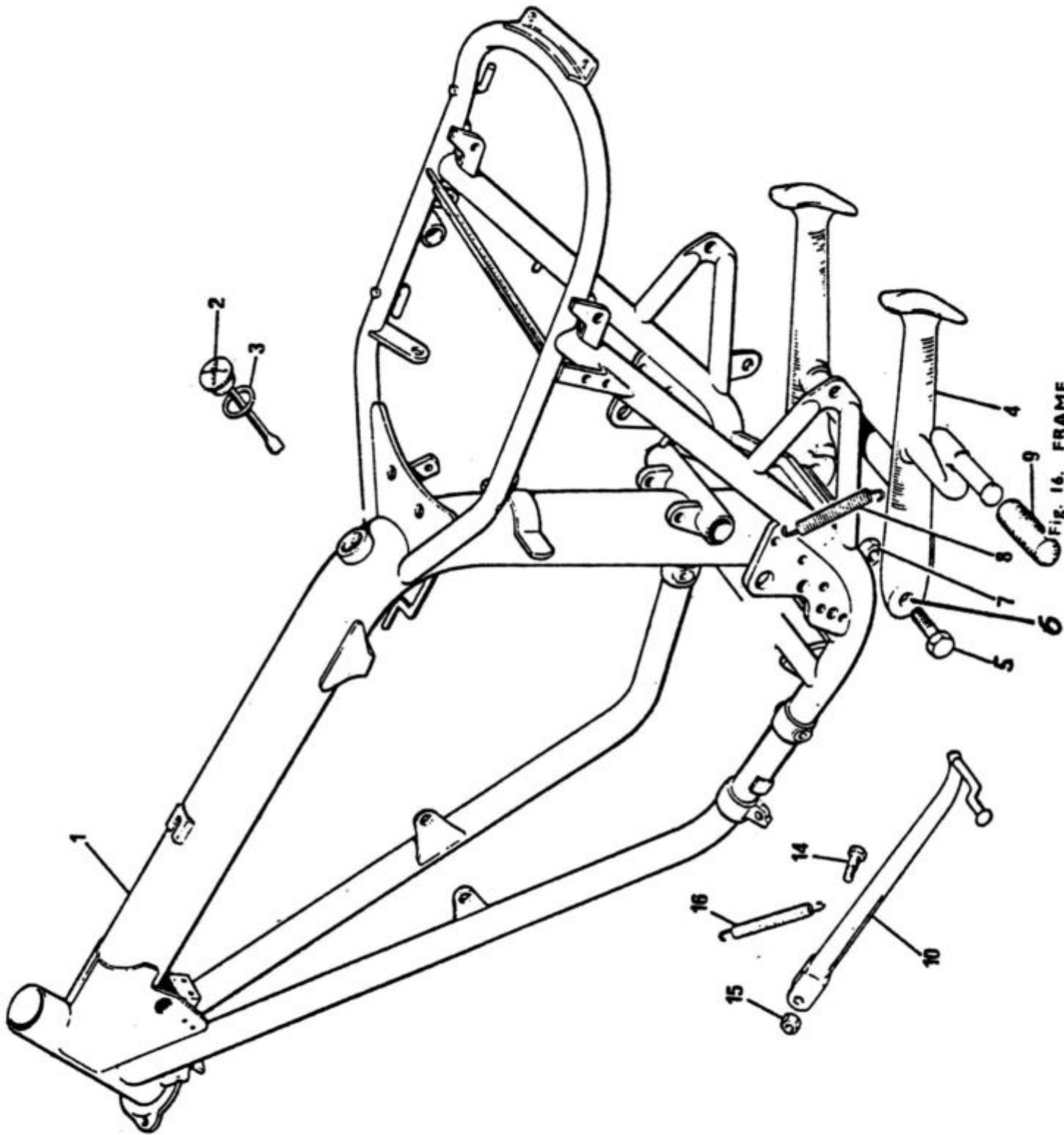
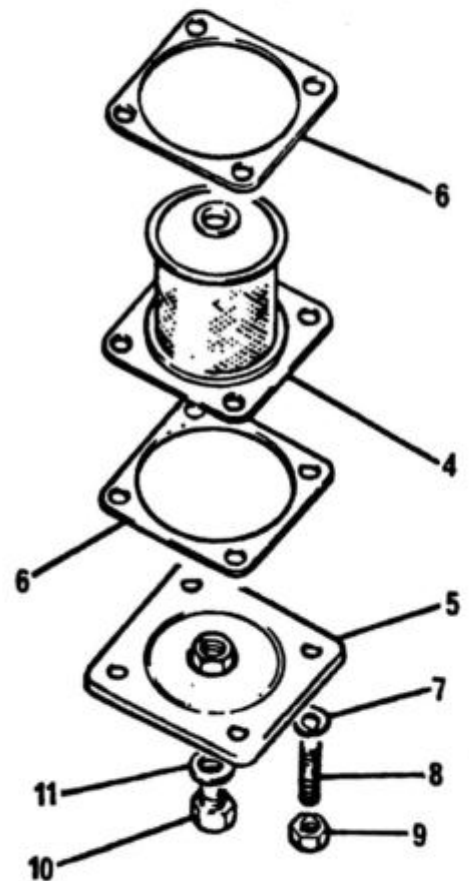
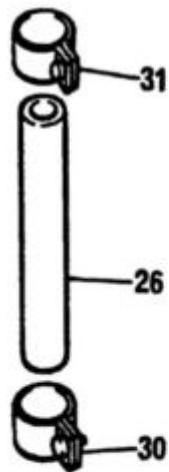
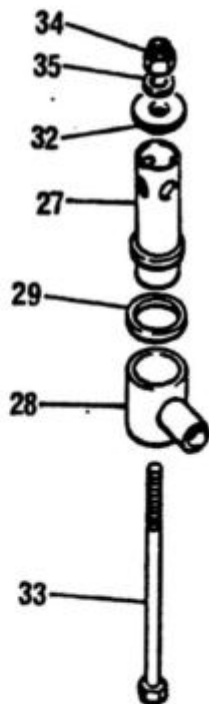
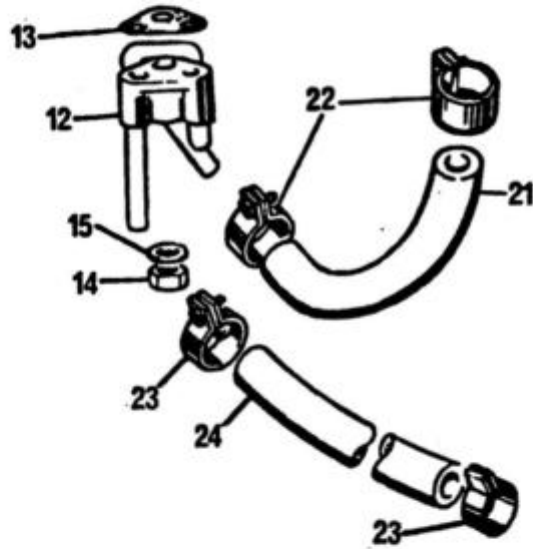
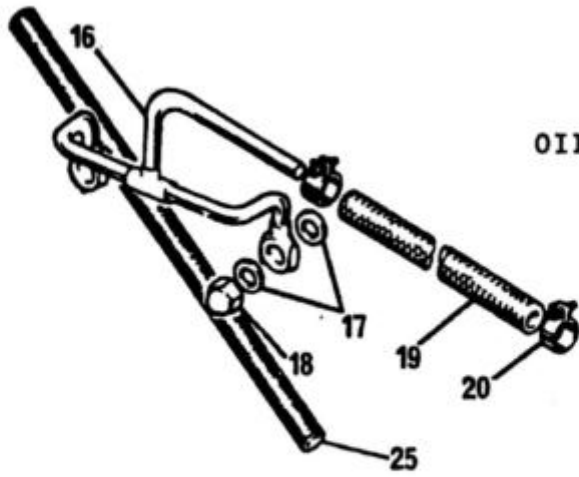


FIG. 16. FRAME

FRAME

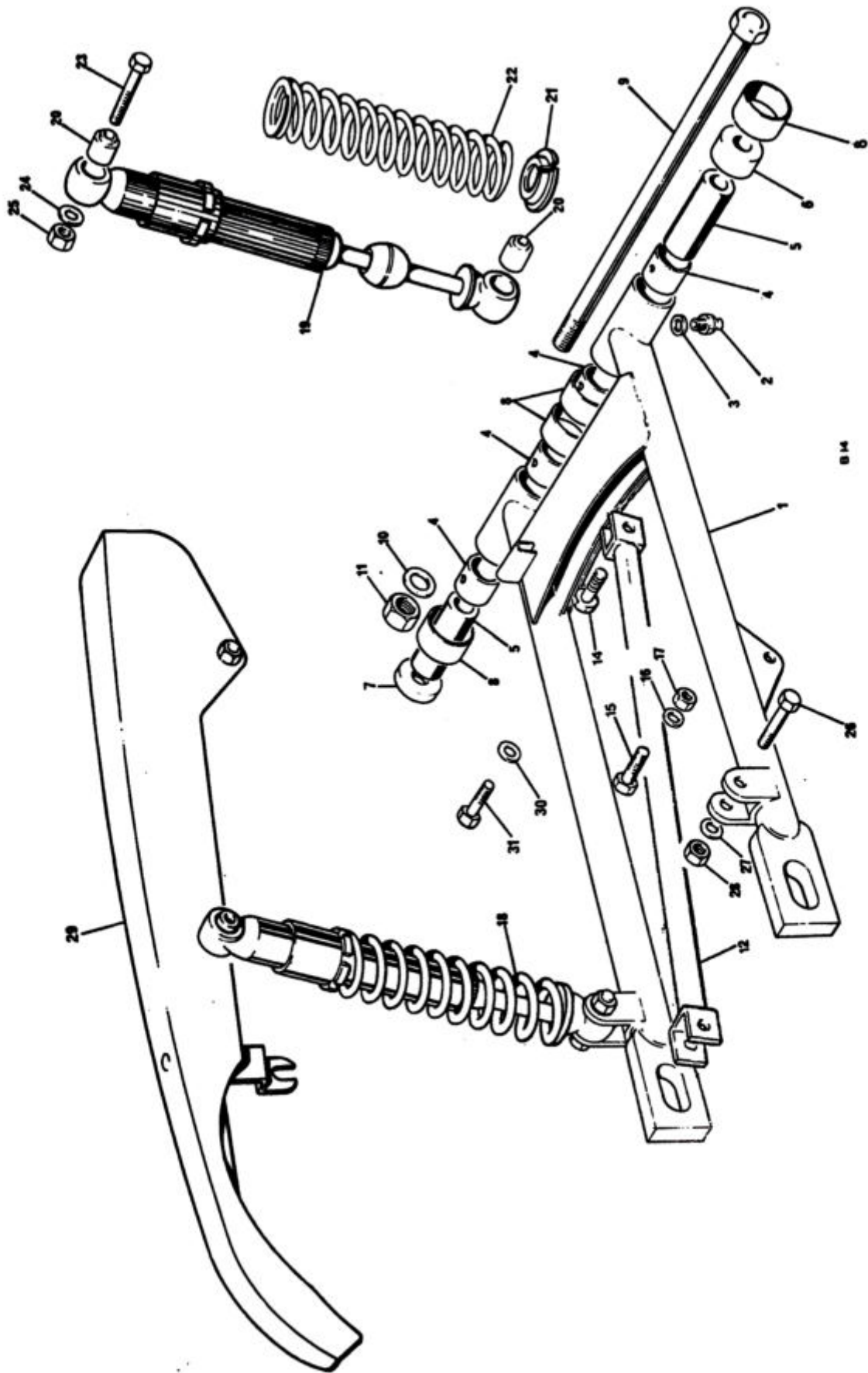
Ref. No.	Part No.	Description	Qty.	Remarks
1	83-7537	FRAME	1	
2	71-3463	Oil filler cap	1	
3	60-3616	"O" Ring	1	
4	83-7532	Center Stand	1	
5	14-0147	Pivot bolt	2	
6	83-7460	Pivot bearing bush	2	
7	14-1305	Nut, Pivot bolt	2	
8	83-3793	Return spring	1	
9	57-2331	Pedal rubber	1	
10	83-7553	Prop stand	1	
14	82-7021	Pivot bolt	1	
15	14-1303	Nut, bolt	1	
16	82-8382	Return spring	1	
NI	60-3361	Transfer - "Made in England"	1	
NI	60-7168	Transfer - "Ratio Suppression"	1	

OIL AND BREATHER PIPES



OIL AND BREATHER PIPES

Ref. No.	Part No.	Description	Qty.	Remarks
4	83-4783	Oil Filter	1	
5	71-3316	Sump Plate	1	
6	83-2829	Gasket	2	
7	60-2330	Washer	4	} Sump Plate to Frame
8	21-2109	Stud	4	
9	14-1302	Nut	4	
10	82-5343	Drain plug	1	
11	70-1335	Copper washer, Drain plug	1	
12	71-7176	Oil Junction Block	1	
13	71-3754	Joint washer	1	
14	21-1908	Nut	1	} Junction to Block to Crankcase
15	70-3446	Washer	1	
16	71-3550	Rocker, Oil Pipe	1	
17	70-1335	Washer	4	
18	21-0550	Nut	2	
19	71-3551	Rocker Feed Pipe	1	
20	70-6848	Clip, Rocker Feed Pipe	2	
21	71-7058	Oil Return Pipe	1	
22	70-6848	Clip, Oil Return Pipe	2	
23	82-9073	Clip, Feed Pipe	2	
24	71-7015	Oil Feed Pipe	1	
25	83-7154	Oil Tank Vent Pipe - to Rocker Box	1	
26	83-7323	Breather Pipe - Crankcase to Air Box	1	
27	83-7145	Breather Tower	1	
28	83-7148	Banjo union	1	
29	70-1465	Washer, Banjo union	1	
30	60-2252	Clip, Breather Pipe to Adaptor	1	
31	60-7117	Clip, Breather Pipe to Banjo	1	
32	83-7151	Cap, Breather Tower top	1	
33	14-0213	Bolt, Breather Tower to Air Box	1	
34	14-1901	Nut, Breather Tower to Air Box	1	
35	70-2441	Washer, Breather Tower to Air Box	1	



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FIG. 17. SWINGING FORK AND SUSPENSION UNITS

SWINGING ARM AND SUSPENSION UNITS

Ref. No.	Part No.	Description	Qty.	Remarks
1	83-7510	SWINGING ARM	1	
2	60-1841	Grease Nipple	2	
3	83-7221	Washer, Grease Nipple	2	
4	83-2521	Bush, Pivot Arm	4	
5	83-2691	Sleeve, Swinging Arm Pivot	2	
6	83-2690	Distance piece, RH	1	
7	83-2689	Distance piece, LH	1	
8	83-2692	Dirt Excluder	4	
9	21-2087	Pivot bolt, Swinging Arm	1	
10	83-2266	Washer, Swinging Arm Pivot	2	
11	14-1307	Nut, Swinging Arm Pivot	1	
12	83-7534	Brake Torque Stay	1	
14	21-7047	Bolt Torque Stay - Swinging Arm	1	
15	21-7065	Bolt, Torque Stay - Caliper	1	
16	60-2331	Washer, Torque Stay	2	
17	14-1803	Nut, Torque Stay	2	
18	6007	SUSPENSION UNIT	2	
19	6008	Damper unit	2	
20	64541661	Rubber bush	4	
21	70520135	Spring retainer	2	
22	64543708	Spring, Chrome 110 lbs.	2	
23	14-0235	Bolt, Damper - top	2	
24	60-2331	Washer, Damper - top	2	
25	14-1303	Nut, Damper - top	2	
26	14-0234	Bolt, Damper - lower	2	
27	60-2331	Washer, Damper - lower	2	
28	14-1303	Nut, Damper - lower	2	
29	83-2641	Chainguard	1	
30	60-2347	Washer, Chainguard fixing - front	1	
31	14-0206	Bolt, Chainguard fixing - front	1	

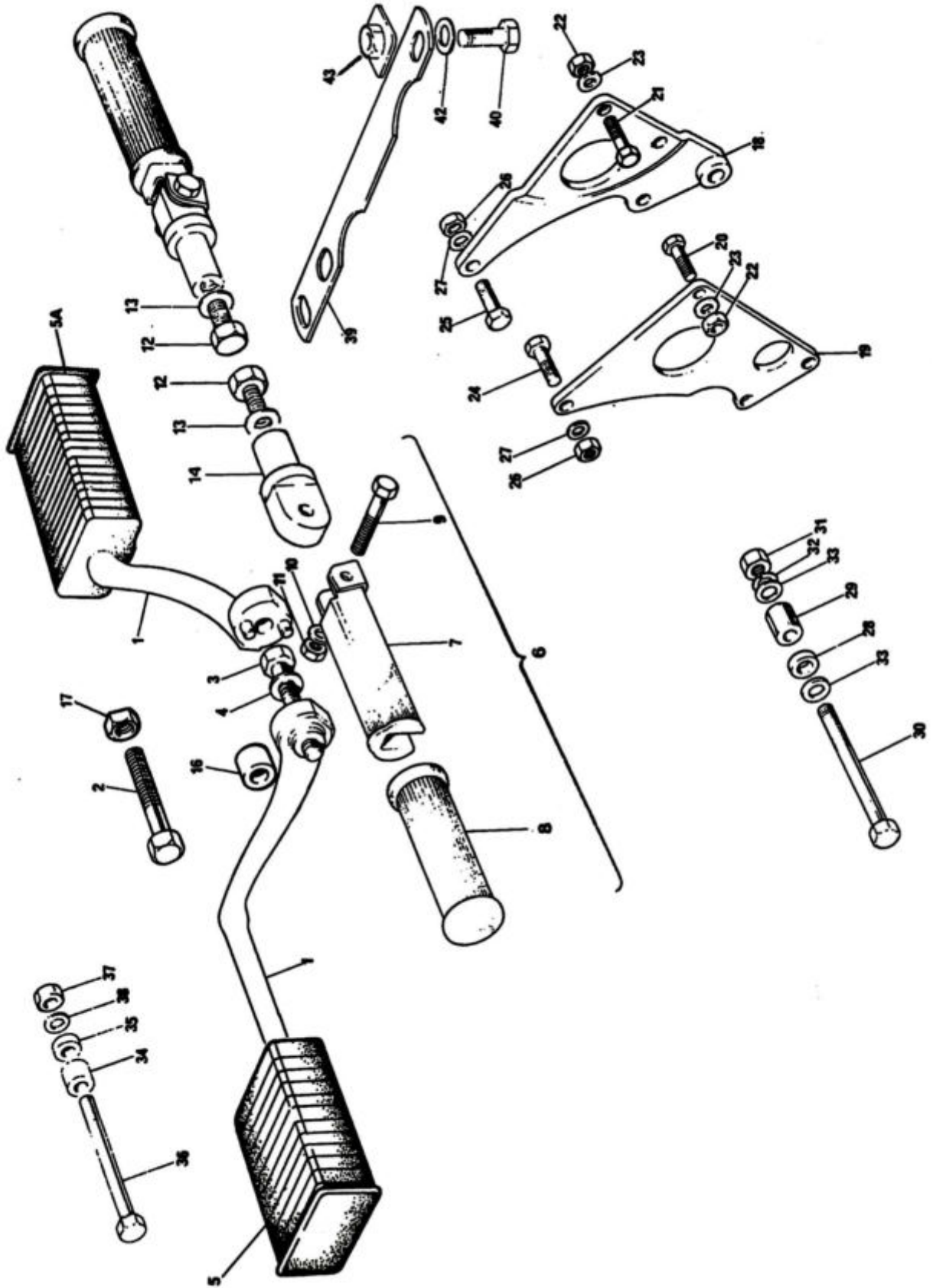


FIG. 18. MOTOR UNIT FITTING AND FOOTRESTS

MOTOR UNIT FITTINGS AND FOOTRESTS

Ref. No.	Part No.	Description	Qty.	Remarks
1	83-7040	FOOTREST - Left and Right	2	
2	14-0261	Footrest bolt, RH	1	
3	14-0259	Footrest bolt, LH	1	
4	60-2333	Washer	2	
5	83-7256	Footrest rubber, LH	1	
5A	83-7259	Footrest rubber, RH	1	
6	83-7695	PILLION FOOTREST ASSY/LH & RH	2	
7	83-7059	Pedal	2	
8	82-9054	Pedal rubber	2	
9	14-0216	Bolt	2	} Footrest swivel
10	82-9089	Washer	2	
11	14-1302	Nut	2	
12	14-0128	Bolt	2	} Hanger to Frame
13	60-2419	Washer	2	
14	83-7694	Hanger, Pillion Footrest	2	
16	83-3602	Distance piece, left footrest	1	
17	14-1305	Footrest bolt nut	2	
18	83-7011	Rear Motor Plate, RH	1	
19	83-7009	Rear Motor Plate, LH	1	
20	14-0115	Bolt	4	} Rear Motor Plates to Frame
21	14-0116	Bolt	1	
22	14-1302	Nut	5	
23	60-2330	Washer	9	
24	14-0220	Bolt	2	} Motor to Motor Plates
25	14-0221	Bolt	2	
26	14-1302	Nut	4	
27	60-2321	Washer	8	
28	83-2846	Distance piece, LH	1	} Motor to Frame
29	83-2847	Distance piece, RH	1	
30	21-2112	Bolt	1	
31	14-0304	Nut	1	} Ctr. - bottom
32	60-4251	Washer	1	
33	60-2332	Washer	1	
34	83-2848	Distance piece, LH	1	} Motor Fixing, Front
35	83-2849	Distance piece, RH	1	
36	14-0254	Bolt	1	
37	14-1304	Nut	1	
38	60-2332	Washer	1	
39	83-7467	Steady Bracket, Motor to Frame	1	
40	14-0128	Bolt	1	} Bracket to Frame
42	60-2331	Washer	1	
43	83-4086	Attachment Plate	1	

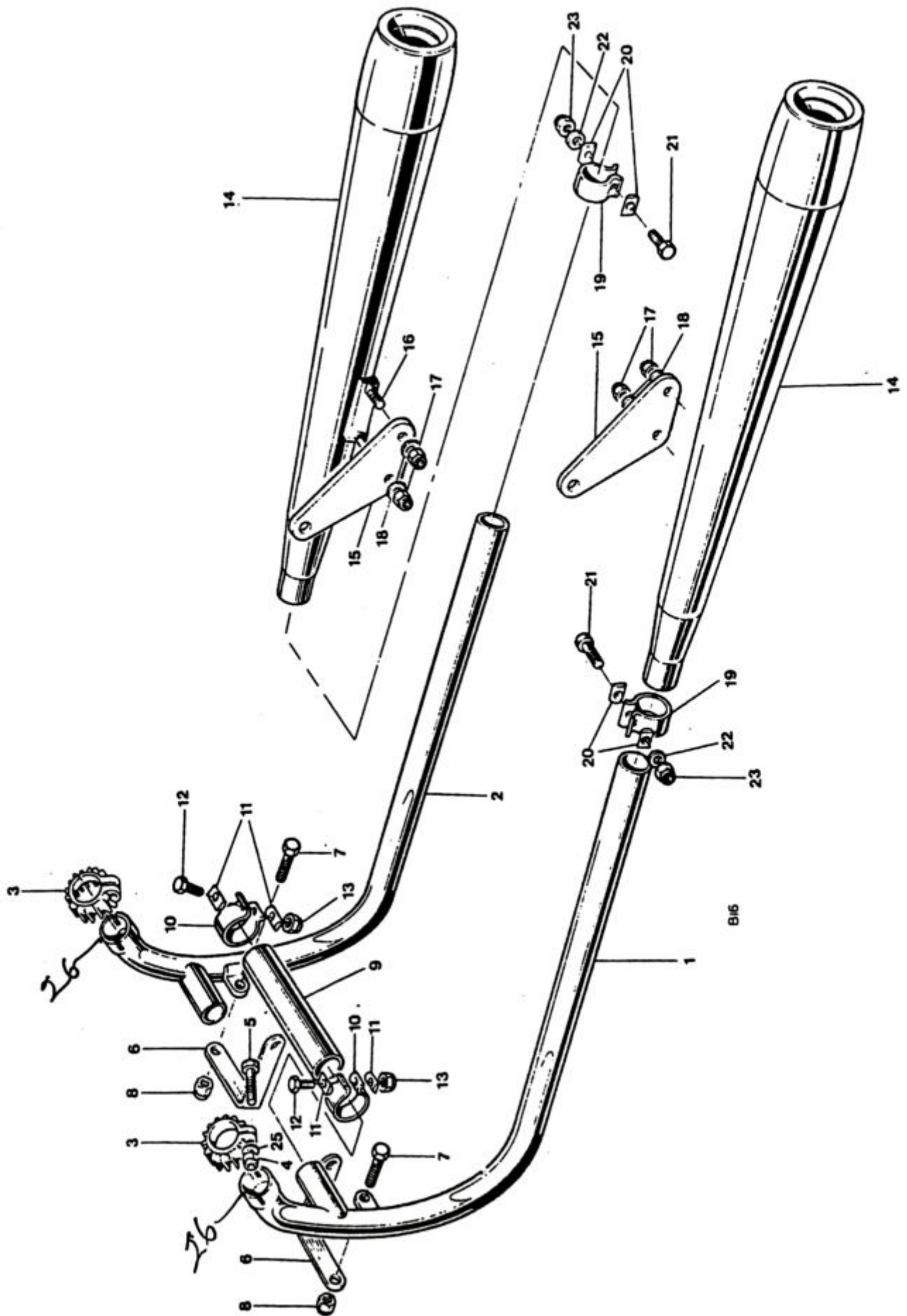
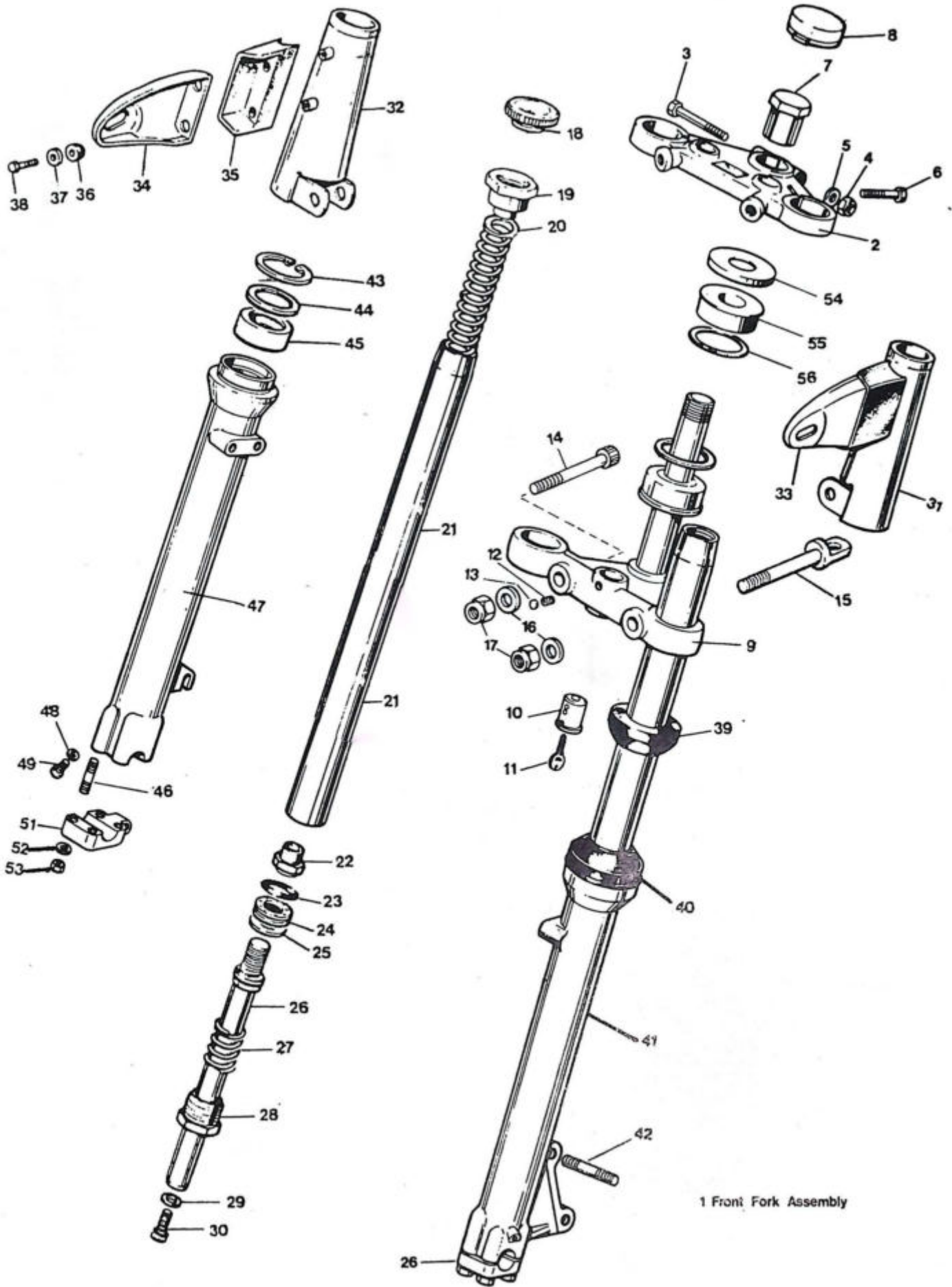


FIG. 19. EXHAUST PIPES AND MUFFLERS

EXHAUST PIPES & SILENCERS

Ref. No.	Part No.	Description	Qty.	Remarks
1	71-7387	EXHAUST PIPE, LEFT	1	
2	71-7390	EXHAUST PIPE, RIGHT	1	
3	71-2465	Finned clip	2	
4	21-7009	Nut	2	
5	21-2230	Screw	2	
6	70-6857	Stay - Exhaust Pipe	2	
7	14-2205	Screw	2	
8	14-1201	Nut	2	
9	70-9888	Coupling Pipe	1	
10	70-7512	Clip	2	
11	70-3768	"D" washer	4	
12	14-0217	Bolt	2	Ex. Pipes to Coupling
13	14-1202	Nut	2	Pipe
14	71-4159	Silencer	2	
15	83-7582	Hanger - Silencer	2	
16	14-0102	Bolt	4	
17	14-1201	Nut	4	Silencer to Hanger
18	60-2338	Washer	2	
19	70-5874	Clip	2	
20	70-3768	"D" washer	4	
21	14-0219	Bolt	2	Ex. Pipes to Silencer
22	60-4247	Washer	2	
23	14-1202	Nut	-	
25	60-2416	Washer	2	For Ref. 4 and 5.

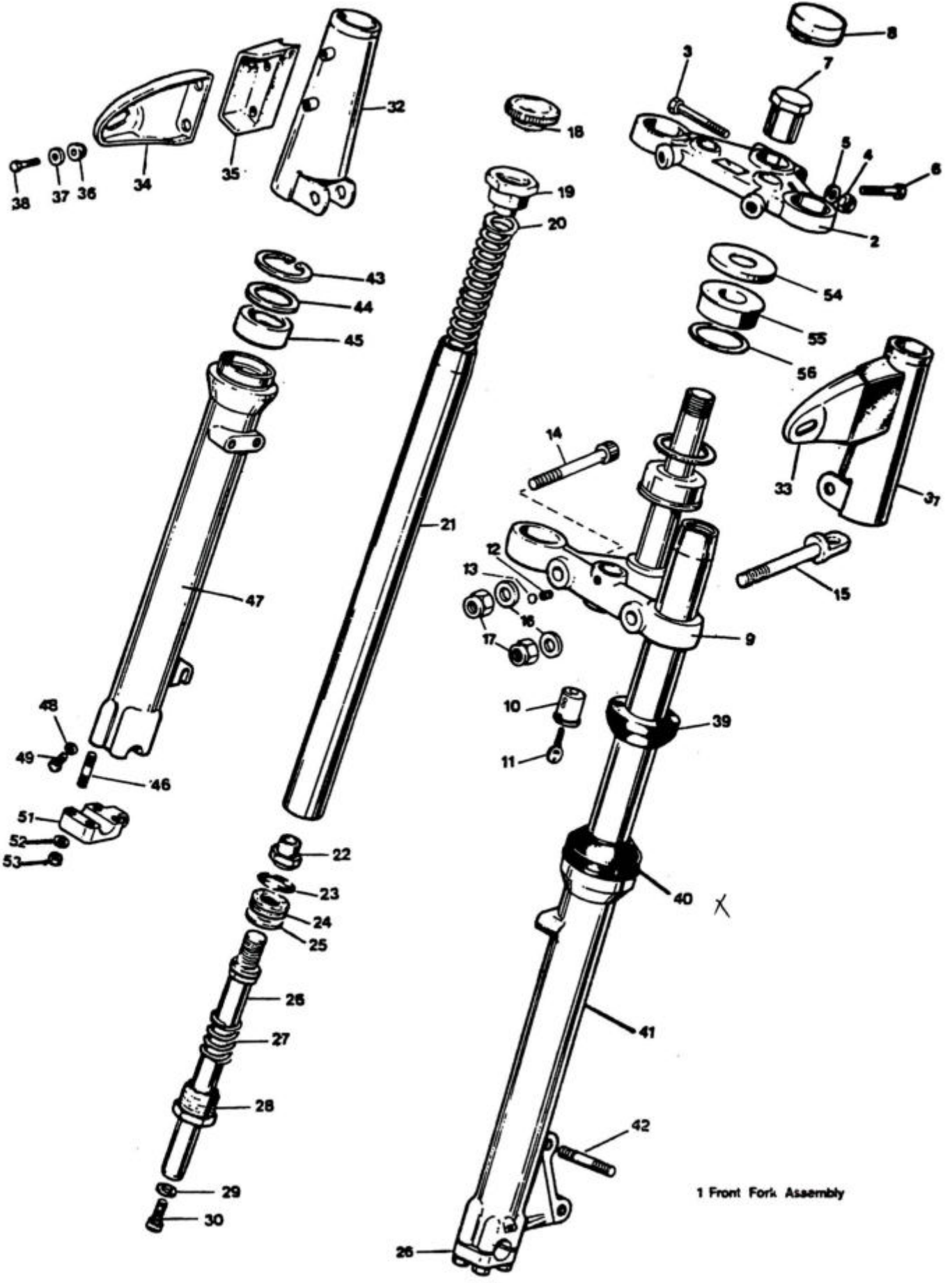


1 Front Fork Assembly

Fig. 20. TELESCOPIC FRONT FORK

TELESCOPIC FRONT FORK

Ref. No.	Part No.	Description	Qty.	Remarks
1	97-7111	FORK ASSEMBLY & Neiman Lock	1	
2	97-7081	TOP YOKE	1	
3	14-0234	Pinch bolt	1	
4	14-1303	Nut	1	
5	60-2331	Washer	1	
6	14-1034	Cap screw	2	
7	97-7083	Steering stem nut	1	
8	97-7034	Cap, Steering stem nut	1	
9	97-7095	BOTTOM YOKE & STEM, Neiman lock	1	
10	60-7271	Lock, c/w 2 keys, Neiman type	1	
11	60-0623	Key (State SERIAL Number)	As req.	
12	21-0578	Grub screw, lock fixing	1	
13	97-2266	Sealing washer	1	
14	14-0237	Pinch Bolt, RH	1	
15	97-4476	Eye Bolt, LH	1	
16	83-2184	Washer	4	
17	14-1303	Nut	2	
18	97-7034	Cap Screw Assembly, c/w insert	2	
NI	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	97-4004	Sealing washer	2	
30	14-1019	Damper fixing screw	2	
31	97-4480	Outer cover, LEFT	1	
32	97-4481	Outer cover, RIGHT	1	
33	97-4564	Headlamp bracket, LEFT	1	
34	97-4203	Headlamp bracket, RIGHT	1	
35	97-2208	Rubber mounting	2	
36	97-2209	Rubber buffer	4	
37	97-2210	Backing washer	2	
38	21-2095	Bolt, attachment	2	
39	97-4461	Rubber ring, outer	2	
40	97-4002	Scraper sleeve	2	
NI	97-1510	Gaiter	2	Available
41	97-7088	BOTTOM MEMBER, LH	1	
42	21-2189	Stud, Caliper	2	
43	60-7269	Circlip	1	
44	97-7093	Retainer	1	
45	97-7079	Oil Seal	1	
46	21-2102	Stud, Spindle	2	
47	97-7089	BOTTOM MEMBER, RH	1	
43	60-7269	Circlip	1	
44	97-7093	Retainer	1	
45	97-7079	Oil Seal	1	
46	21-2102	Stud, Spindle	2	

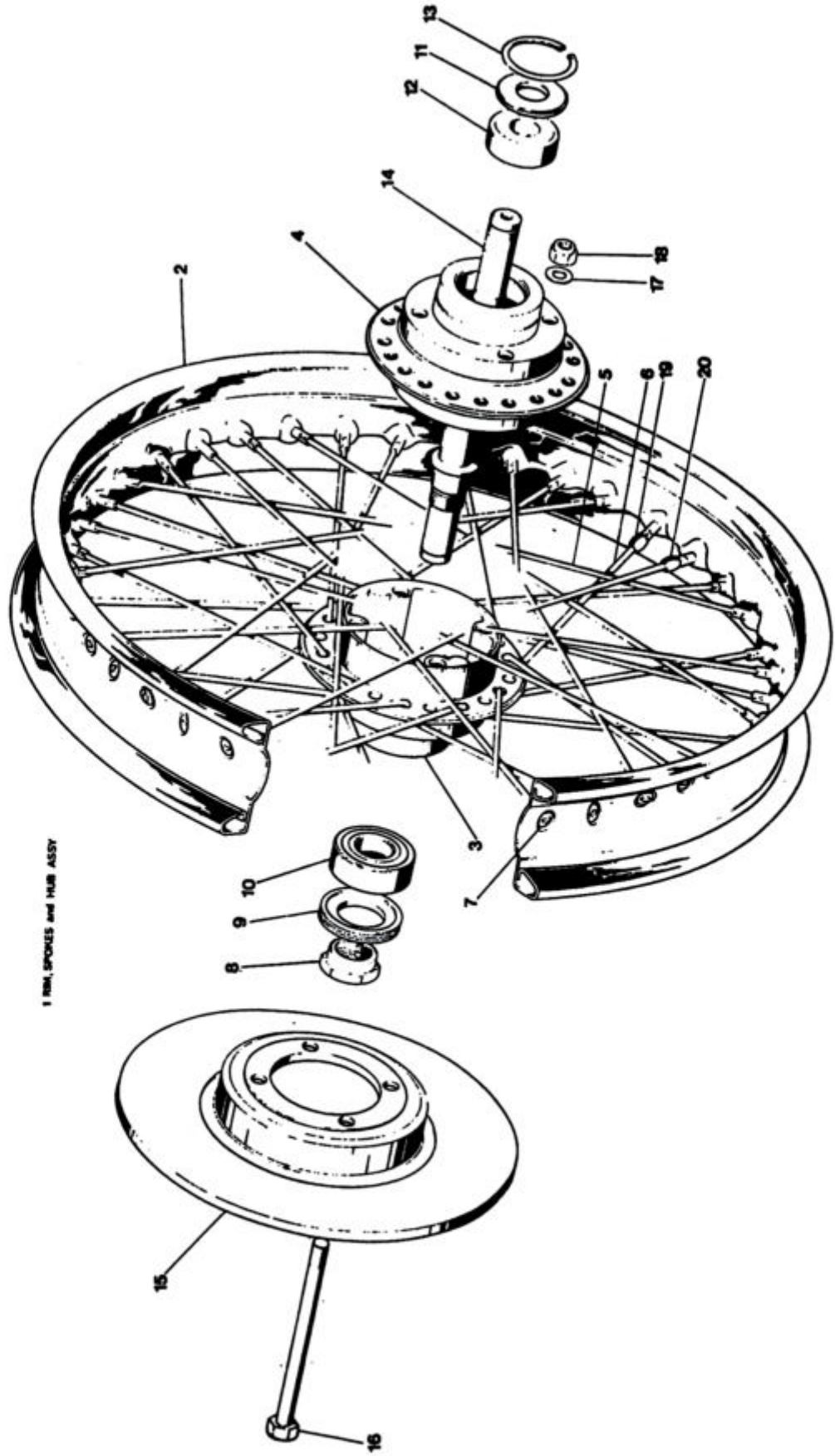


1 Front Fork Assembly

Fig. 20. TELESCOPIC FRONT FORK

TELESCOPIC FRONT FORK (continued)

Ref. No.	Part No.	Description	Qty.	Remarks
48	97-3893	Washer, Drain Plug	2	
49	97-3894	Drain Plug	2	
50	97-4456	Cap, Wheel Spindle - LH	1	
51	97-4457	Cap, Wheel Spindle - RH	1	
52	60-2428	Washer, Cap	8	
53	14-0302	Nut, Cap	8	
54	97-4028	Dust cover	1	
55	97-4031	Bearing	2	
56	83-2007	Backing ring	2	
NI	82-6784	Grommet, Throttle Cable	1	



1 RIM, SPOKES and HUB ASSY

Fig. 21 FRONT WHEEL

FRONT WHEEL

Ref. No.	Part No.	Description	Qty.	Remarks
1	37-7057	RIM, SPOKES & HUB ASSEMBLY	1	
2	37-4129	Rim, WM2x19	1	
3	37-7058	Hub, LEFT HALF	1	
4	37-7059	Hub, RIGHT HALF	1	
5	37-4131	Spoke, OUTER	20	
6	37-4130	Spoke, INNER	20	
7	37-2294	Nipple	40	
8	37-4133	Nut, Wheel Spindle	1	
9	37-4134	Lock ring, LEFT	1	
10	37-7041	Bearing; LEFT	1	
11	37-1237	Dust cover, RIGHT	1	
12	37-7042	Bearing, RIGHT	1	
13	57-0280	Circlip; RIGHT	1	
14	37-4132	Spindle	1	
15	37-4275	Disc	1	
16	21-2207	Bolt	4	
17	70-8770	Washer } Disc to Hub	8	
18	14-1203	Nut }	4	
19	37-3969	Balance weight - short	As req.	
20	37-3970	Balance weight - long	As req.	

REF. 1 MASTER CYLINDER COMPLETE

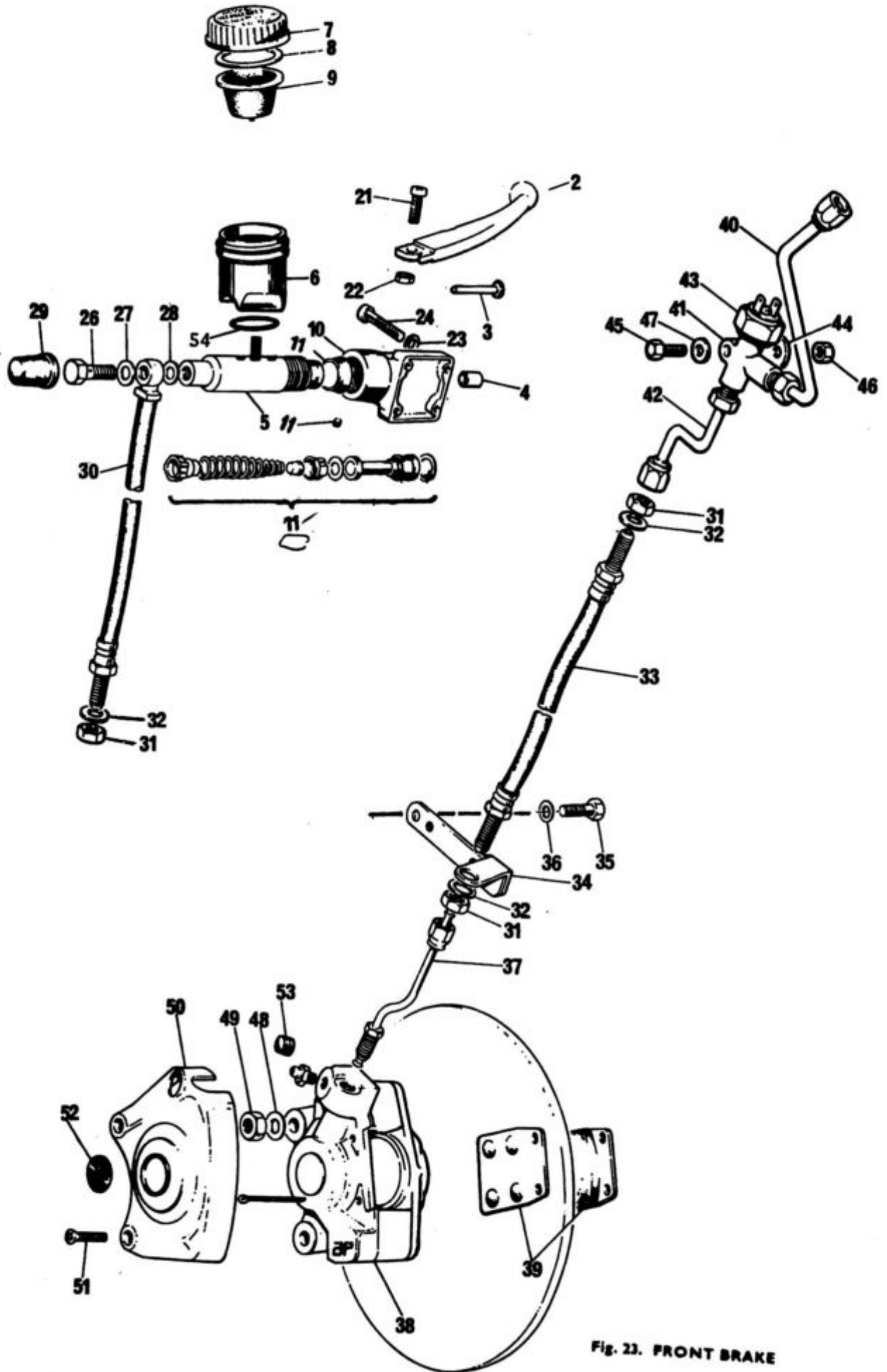


Fig. 23. FRONT BRAKE

FRONT BRAKE

Ref. No.	Part No.	Description	Qty.	Remarks
1	60-7163	MASTER CYLINDER ASSEMBLY	1	
2	97-5074	Brake lever	1	
3	60-7158	Push rod	1	
4	60-7165	Bush, Push rod	1	
5	99-7027	Barrel & Stud Assembly	1	
6	60-4397	Body Reservoir	1	
7	60-4365	Cap, Body Reservoir	1	
8	60-4328	Washer, for Body Reservoir	1	
9	60-4366	Diaphragm, for Body Reservoir	1	
10	60-7164	Master Cylinder Mounting Body	1	
11	99-7022	MASTER CYLINDER REPAIR KIT	1	
21	21-2191	Pivot screw	1	
22	14-1201	Nut	1	
23	23-1555	Washer	4	
24	21-7038	Screw	4	
26	60-4183	Banjo bolt	1	
27	60-4182	Sealing washer	1	
28	60-4184	Sealing washer	1	
29	60-4186	Rubber boot	1	
30	60-7174	Hose; Master Cyl./Top Yoke, c/w boot	1	
31	60-4180	Lock nut	3	
32	70-2288	Washer	3	
33	60-4175	Hose; Bottom Yoke/Fork Leg	1	
34	83-7064	Bracket, Pipe support	1	
35	14-0103	Bolt } <u>Bracket to Fork Leg &</u>	4	
36	60-2427	Washer } <u>Bridge Piece</u>	4	
37	60-4178	Pipe; Fork Leg/Caliper	1	
38	60-4101	CALIPER	1	
39	99-2769	Brake Pad Kit	1	
40	60-7177	Pipe - Top Lug to "T" Piece	1	
41	60-7176	"T" Piece	1	
42	60-7178	Pipe - "T" Piece to Middle Lug	1	
43	60-7155	Brake switch	1	
NI	70-1335	Washer, Brake switch	1	
44	97-7042	Bracket, "T" Piece	1	
45	14-0105	Screw - Bracket to "T" Piece	1	
46	14-1301	Nut - Bracket to "T" Piece	1	
47	60-2329	Washer - Bracket to "T" Piece	1	
48	60-2331	Washer	2	
49	14-1303	Nut } <u>Caliper to Outer Member</u>	2	
50	37-4263	Cover, Caliper	1	
51	21-2196	Screw, Cover attachment	2	
52	60-4156	Decal, Caliper cover	1	
53	60-4266	Cover, Bleed Nipple	1	
54	60-4374	"O" Ring	1	
NI	99-7006	Caliper Seal Kit	1	

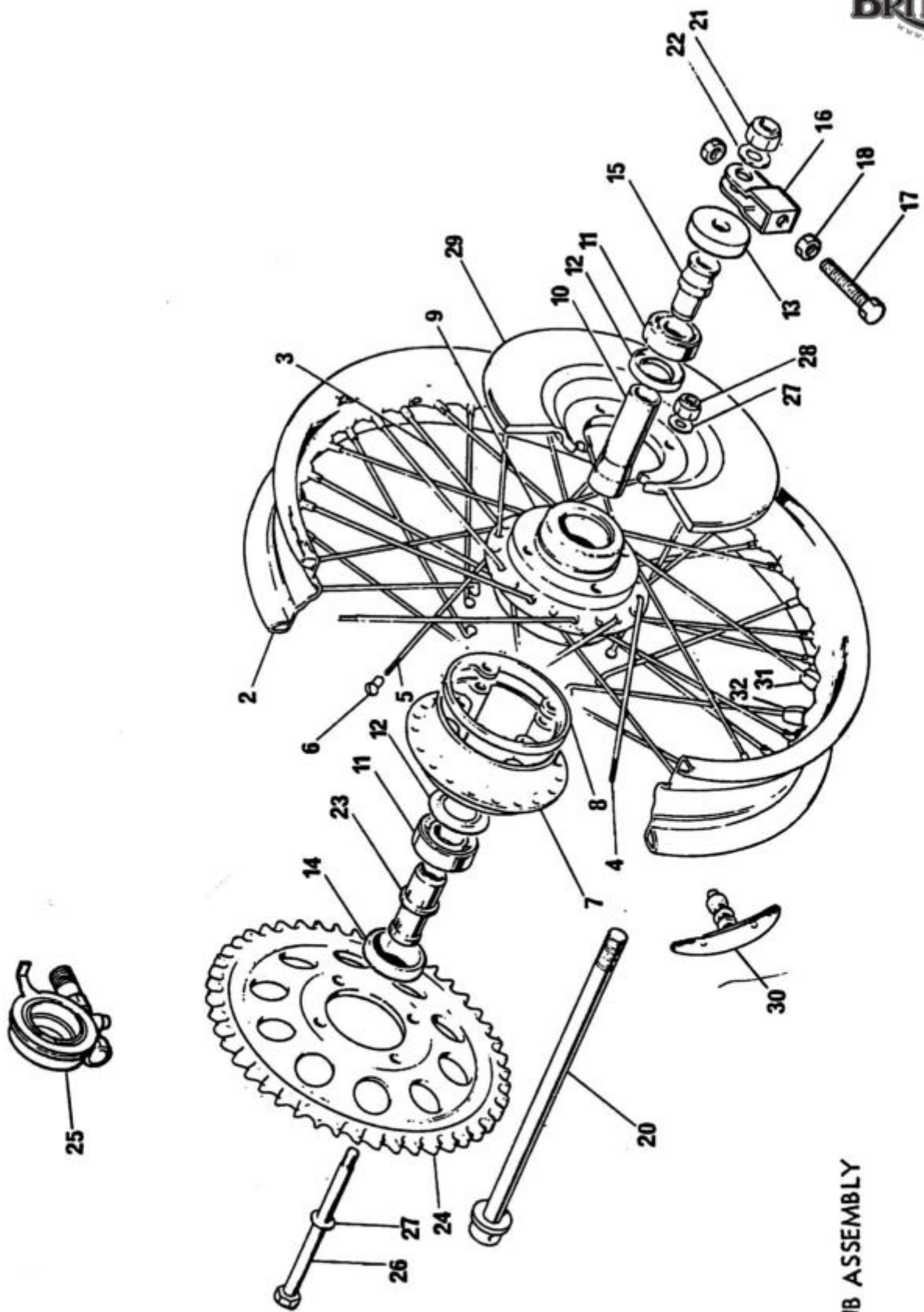


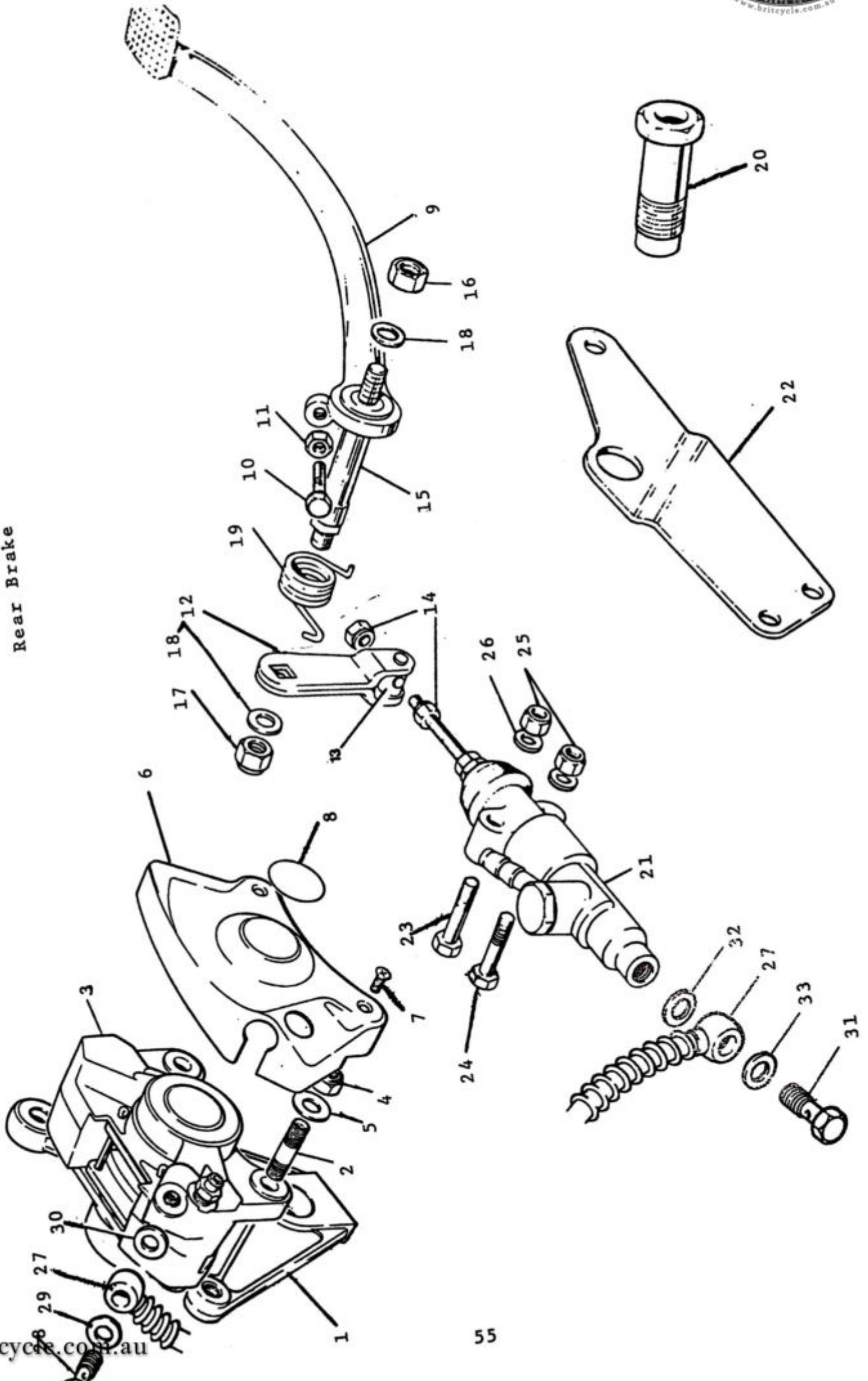
Fig. 24. REAR WHEEL

REF. 1 RIM, SPOKES AND HUB ASSEMBLY

REAR WHEEL

Ref. No.	Part No.	Description	Qty.	Remarks
1	37-7061	RIM, SPOKES & HUB ASSEMBLY	1	
2	37-7030	Rim, WM3x18	1	
3	37-7031	Spoke - INNER	20	
4	37-7032	Spoke - OUTER RH	10	
5	37-7033	Spoke - OUTER LH	10	
6	37-7034	Nipple	40	
7	37-7047	Hub - LEFT	1	
8	37-7063	Center spacer - Hub	1	
9	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	
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	2	
17	14-0118	Screw - Chain Adjuster	2	
18	14-0302	Nut - Chain Adjuster	4	
20	37-7113	Spindle	1	
21	14-1307	Nut - Spindle	1	
22	83-2266	Washer - Spindle nut	1	
23	37-7052	Spacer - LH Bearing	1	
24	37-7064	Sprocket, 47T	1	
24	37-7072	Sprocket, 45T	A	
25	60-7091	Speedo Drive Gearbox	1	
26	21-7041	Bolt, Disc/Sprocket to Hub	4	
27	70-8770	Washer, Bolt and nut	8	
28	14-1203	Nut - Bolt	4	
29	37-4275	Disc	1	
30	37-3468	Securing bolt	1	
31	37-3969	Balance weight - short	As req.	
32	37-3970	Balance weight - long	As req.	

Rear Brake

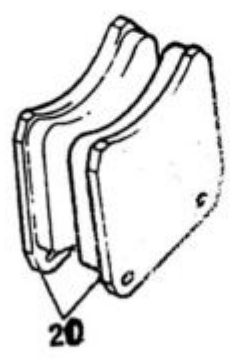
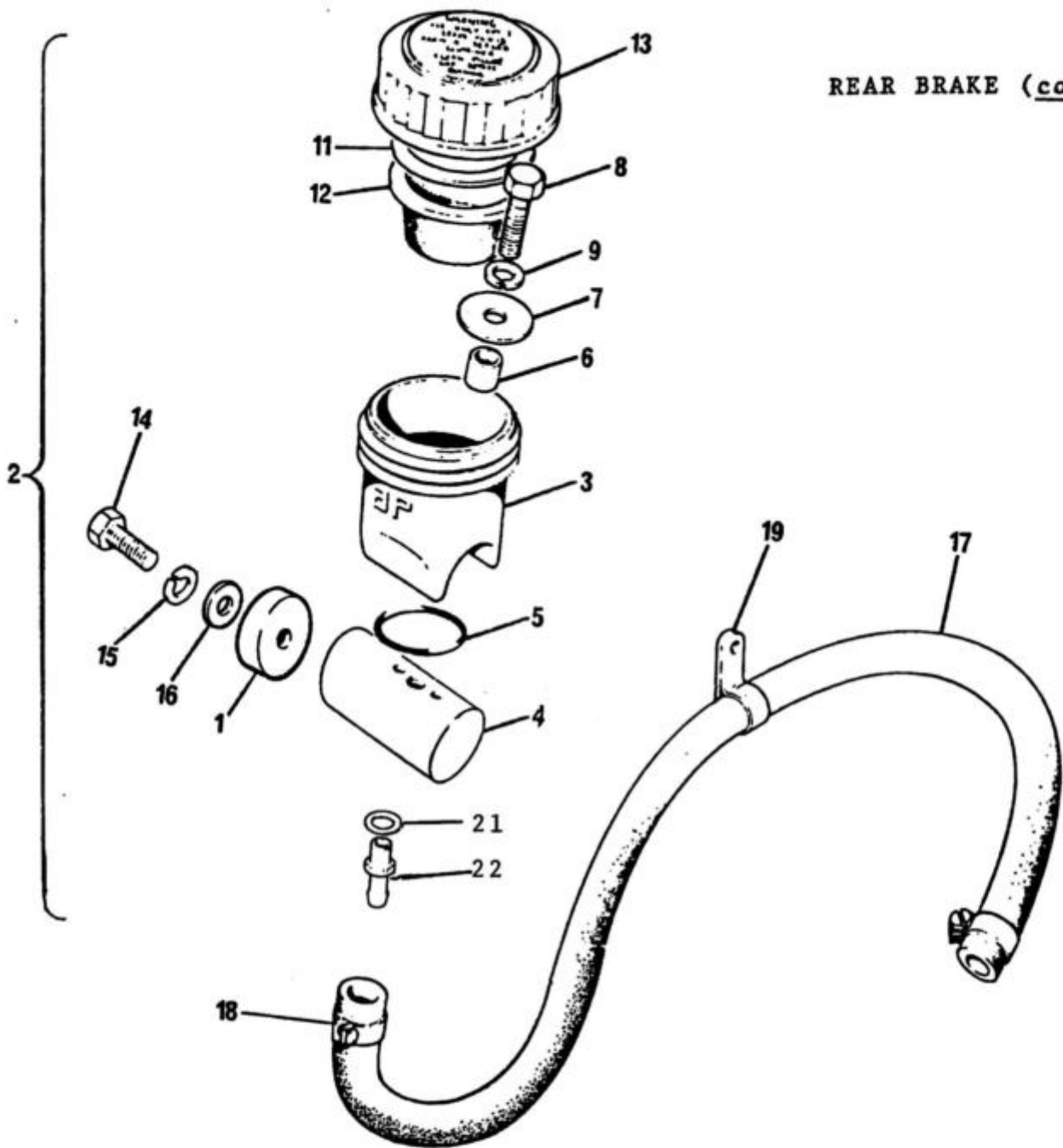


REAR BRAKE

Ref. No.	Part No.	Description	Qty.	Remarks
1	37-7124	Rear Caliper Mounting Plate	1	
2	21-2189	Stud, Caliper to Plate	2	
3	60-4101	CALIPER	1	
4	14-1303	Nut, Caliper to Mounting Plate stud	2	
5	60-2331	Washer - for nut	2	
6	37-4263	Cover - Caliper	1	
7	21-2196	Screw - cover	2	
8	60-4156	Decal - cover	1	
9	83-7560	Brake pedal	1	
10	14-0103	Screw, Adjuster - Stop Light	1	
11	14-0301	Nut, Adjuster screw	1	
12	83-7003	Trunnion Lever	1	
13	83-7024	Trunnion	1	
14	21-7006	Adjuster nut, Push Rod	2	5/16" UNF Shouldered
15	83-7046	Spindle, Rear Brake Pedal	1	
16	14-1903	Nut, Brake Pedal Spindle - OUTER	1	
17	14-1303	Nut, Brake Pedal Spindle - INNER	1	
18	60-2331	Washer, for nut	2	
19	83-7016	Return spring, Brake Pedal	1	
20	83-7163	Pivot bolt	1	
21	60-4401	MASTER CYLINDER COMPLETE	1	
22	83-7567	Mounting plate, Master Cylinder	1	
23	14-0221	Bolt, Master Cylinder Fixing - TOP	1	
24	21-7007	Bolt, Master Cyl. Fixing - BOTTOM	1	
25	14-1302	Nut	2	
26	60-2330	Washer, for nut	2	
27	60-7233	Brake Hose	1	
28	60-7236	Banjo bolt, Caliper	1	
29	60-4184	Sealing washer - THIN	1	
30	37-7100	Sealing washer - THICK	1	
31	60-4183	Banjo bolt, Master Cylinder	1	
32	60-4182	Sealing washer	1	
33	60-4184	Sealing washer, under head	1	

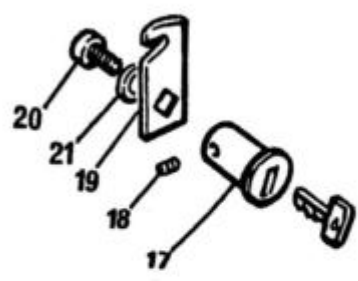
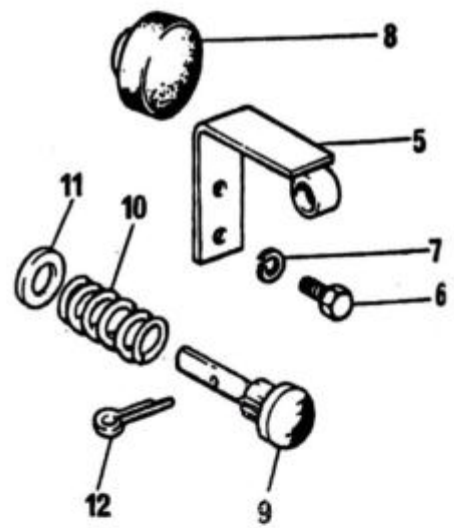
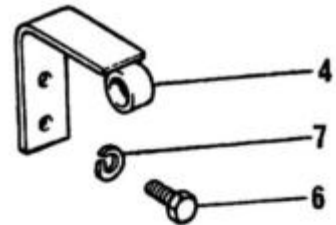
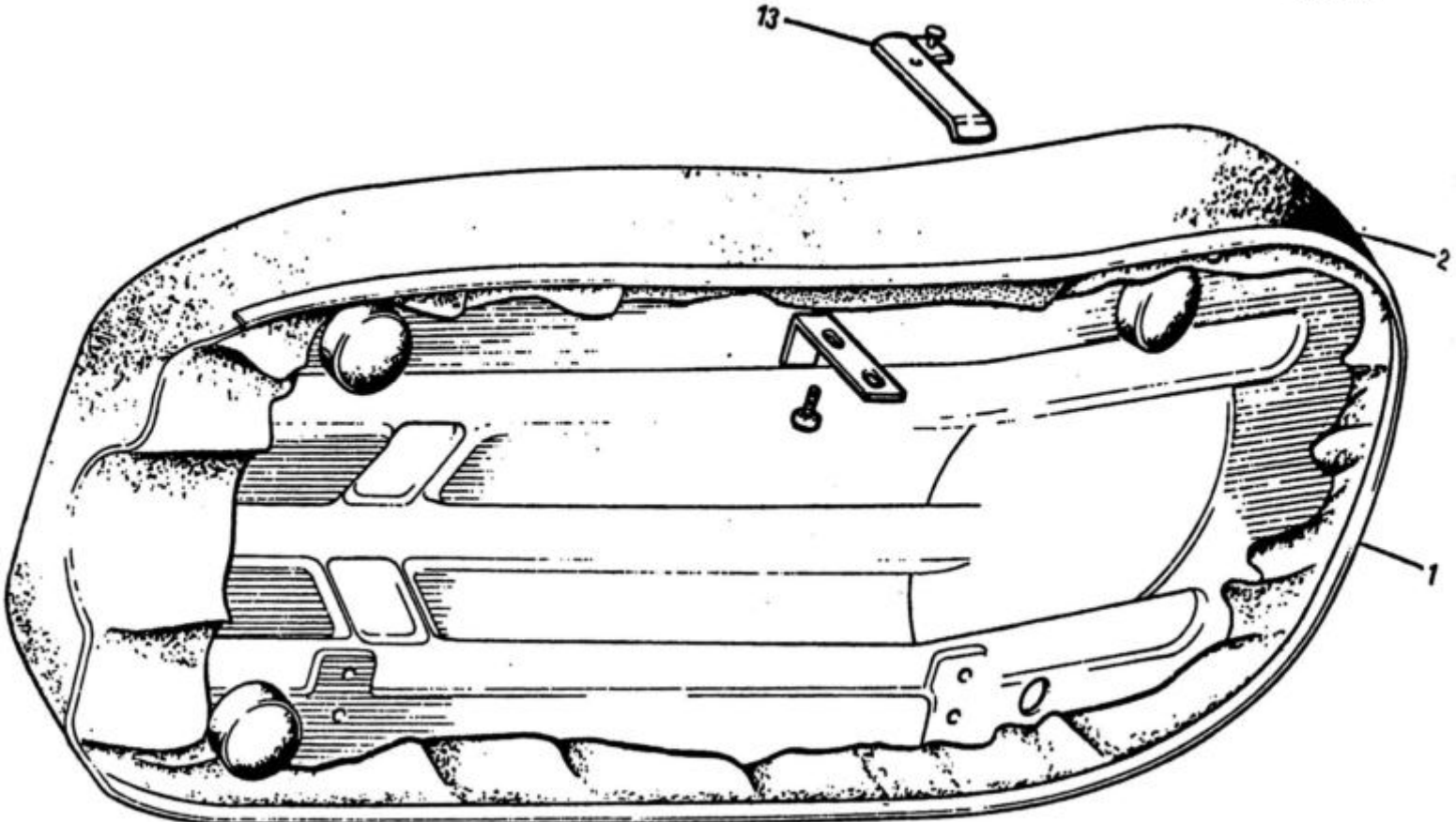
NOTE: Please see next page also. "REAR BRAKE is continued."

REAR BRAKE (continued)



REAR BRAKE (continued)

Ref. No.	Part No.	Description	Qty.	Remarks
1	83-7533	Distance Tube - Reservoir Mting.	1	
2	83-7521	RESERVOIR ASSEMBLY	1	
3	60-4397	Reservoir Body	1	
4	83-7501	Mounting, Reservoir c/w pipe	1	
5	60-4374	"O" Ring	1	
6	83-7533	Distance piece	1	
7	60-4399	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	60-4366	Diaphragm	1	
13	60-4365	Filler cap	1	
14	14-0101	Bolt, Mounting to Side Panel	1	
15	60-2427	Washer, spring	1	
16	60-2338	Washer, plain	1	
17	60-8248	Hose, Reservoir to Master Cylinder	1	
18	60-7030	Clip, Hose	2	
19	83-7049	Clip, Hose retaining	1	
20	99-2769	BRAKE PAD KIT		
NI	99-7006	CALIPER SEAL KIT		
NI	99-7022	MASTER CYLINDER REPAIR KIT		
21	60-7016	Sealing washer	1	
22	83-7055	Outlet stub, feed hose	1	

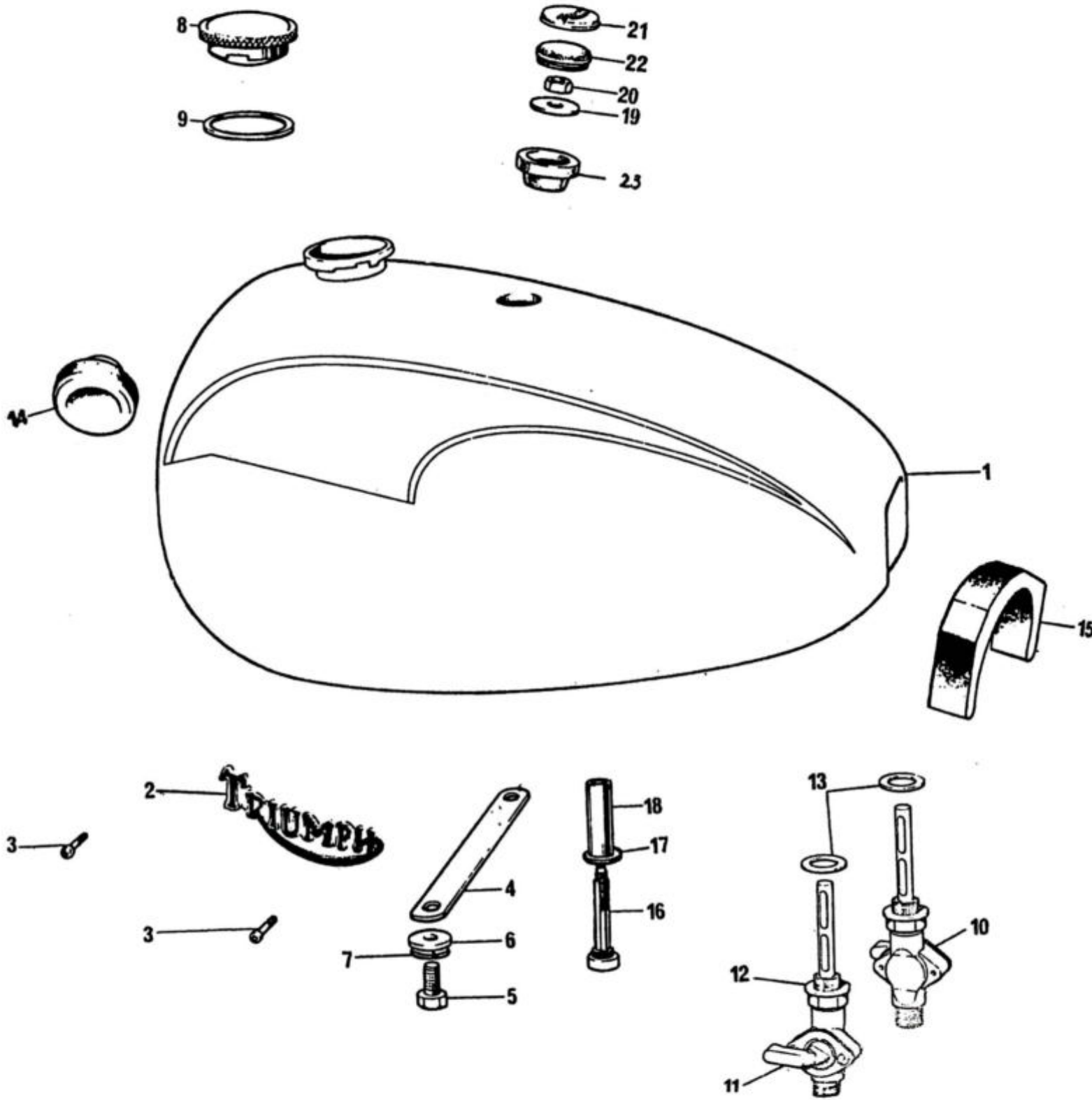


TWIN SEAT

TWIN SEAT

Ref. No.	Part No.	Description	Qty.	Remarks
1	83-7271	TWIN SEAT (3.4 gal. tank)	1	
1	83-7272	TWIN SEAT (4.8 gal. tank)	1	
2	83-7131	Cover, Twin Seat (3.4 gal. tank)	1	
2	83-7132	Cover, Twin Seat (4.8 gal. tank)	1	
3	83-7544	Plastic sleeve, seat hinger - REAR	1	
4	83-4782	Hinge, Twin Seat - FRONT	1	
5	83-1542	Hinge, Twin Seat - REAR	1	
6	14-0101	Bolt, Hinge	4	
7	60-2417	Washer, spring	4	
8	82-9093	Rubber buffer	4	
9	82-7560	Plunger & Knob	1	
10	82-4228	Spring	1	
11	71-3749	Washer, plain	1	
12	60-2720	Split pin	1	
NI	60-7159	Transfer - "Negative Earth"	1	
13	83-7329	Catch plate, Seat	1	
14	83-7276	Screw plate fixing	1	
15	14-1301	Nut	1	
16	60-2329	Washer	1	
17	60-7215	Twin Seat Lock Assy c/w Keys	1	
18	21-7049	Grub screw, Lock retaining	1	
19	83-7328	Catch plate, Lock	1	
20	97-3894	Screw - Catch plate to Lock	1	
21	97-1388	Washer	1	
NI	60-7071	Data Label	1	

Petrol Tank



PETROL TANK

Ref. No.	Part No.	Description	Qty.	Remarks
1	83-7588	PETROL TANK (3.4 gal), Blk/Candy	1	
1	83-7589	PETROL TANK (3.4 gal), Grey/Blk	1	
1	83-7590	PETROL TANK (3.4 gal), Olympic Flame/Blk	1	
2	60-7282	Badge, LH - w/83-7589/83-7590	2	
2	60-7283	Badge, RH - w/83-7589/83-7590	2	
2	60-7304	Badge, LH - use with 83-7588	1	
2	60-7305	Badge, RH - use with 83-7588	1	
3	21-7048	Screw - Badge to Tank	4	
4	83-4395	Tie strap - Tank	1	
5	14-0113	Bolt - Tie strap	2	
6	60-2321	Washer, plain - Bolt	2	
7	60-2428	Washer, spring - Bolt	2	
8	83-3875	Petrol filler cap	1	
9	82-4048	Joint washer - Filler cap	1	
10	60-7266	Petrol Tap - MAIN	1	
11	60-7267	Petrol Tap - RESERVE	1	
NI	21-7023	Sealing Tape - Tap thread	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	2	
NI	60-3538	Fixing tape - Mounting rubber	2	
16	83-4930	Center fixing bolt —	1	
17	60-2320	Washer - LOWER	1	
18	82-9063	Distance tube	1	
19	83-3814	Washer - UPPER	1	
20	14-0302	Nut - Fixing bolt	1	
21	83-4776	Badge - Center	1	
22	97-5061	Grommet, for badge	1	
23	83-4934	Center Fixing Rubber	1	

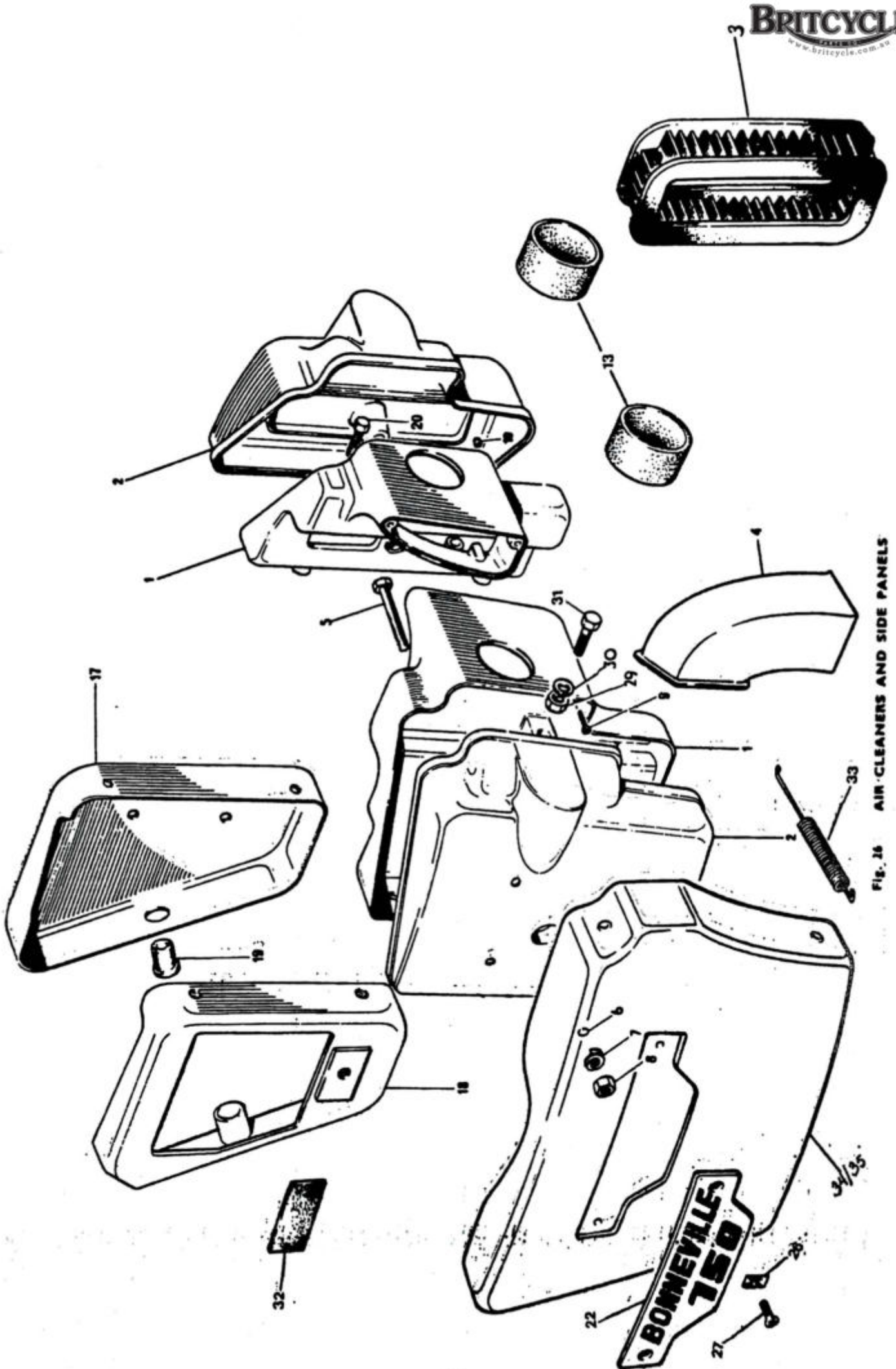


FIG. 26 AIR CLEANERS AND SIDE PANELS

AIR CLEANER AND SIDE PANELS

Ref. No.	Part No.	Description	Qty.	Remarks
1	83-7162	BODY, LEFT	1	
1	83-7141	BODY, RIGHT	1	
2	83-7204	COVER, LEFT	1	
2	83-7205	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	14-0221	Bolt	2	
6	82-8245	Retainer	2	
7	60-2438	Washer	2	
8	14-0302	Nut	2	
9	60-3539	Screw; Left Assy to Right Assy	2	
10	21-0501	Nut; Left Assy to Right Assy	2	
13	71-7166	Connector Pipe - Carb to Air Box	2	
17	83-7498	Side Panel - LEFT	1	
18	83-7495	Side Panel - RIGHT	1	
19	82-6673	Panel Grommet	2	
20	14-0102	Bolt	4	
22	83-7316	Name Plate	2	
26	21-7020	Spire nut	4	
27	82-4129	Screw	4	
29	14-1302	Nut	2	
30	60-2321	Washer, plain	2	
31	14-0218	Bolt	2	
32	82-7380	Rubber pad - Under Styling Panel	2	
33	83-7070	Spring - Styling Panel fixing	2	
34	83-7305	STYLING SIDE PANEL, LH - Blk	1	
35	83-7306	STYLING SIDE PANEL, RH - Blk	1	

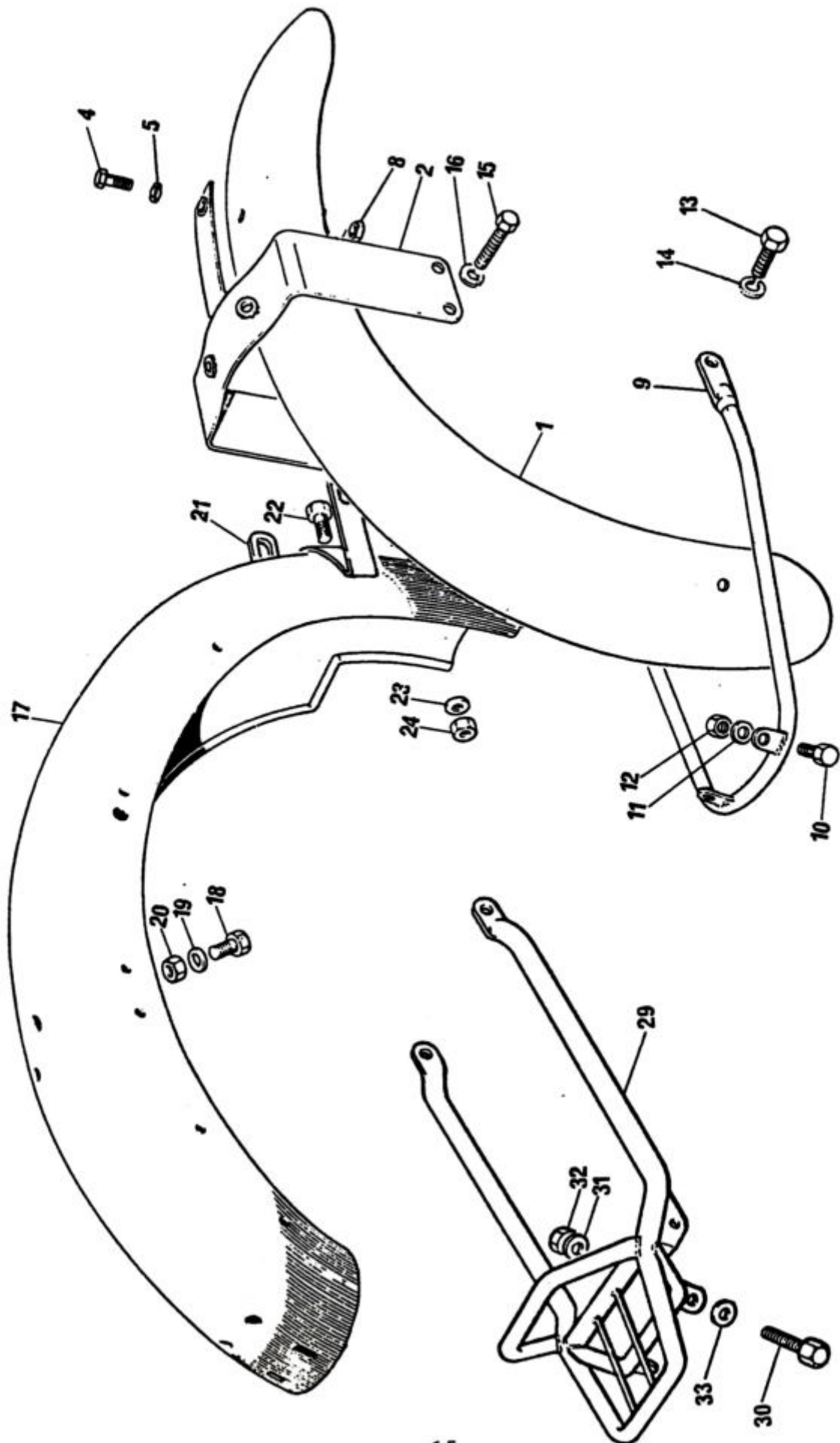
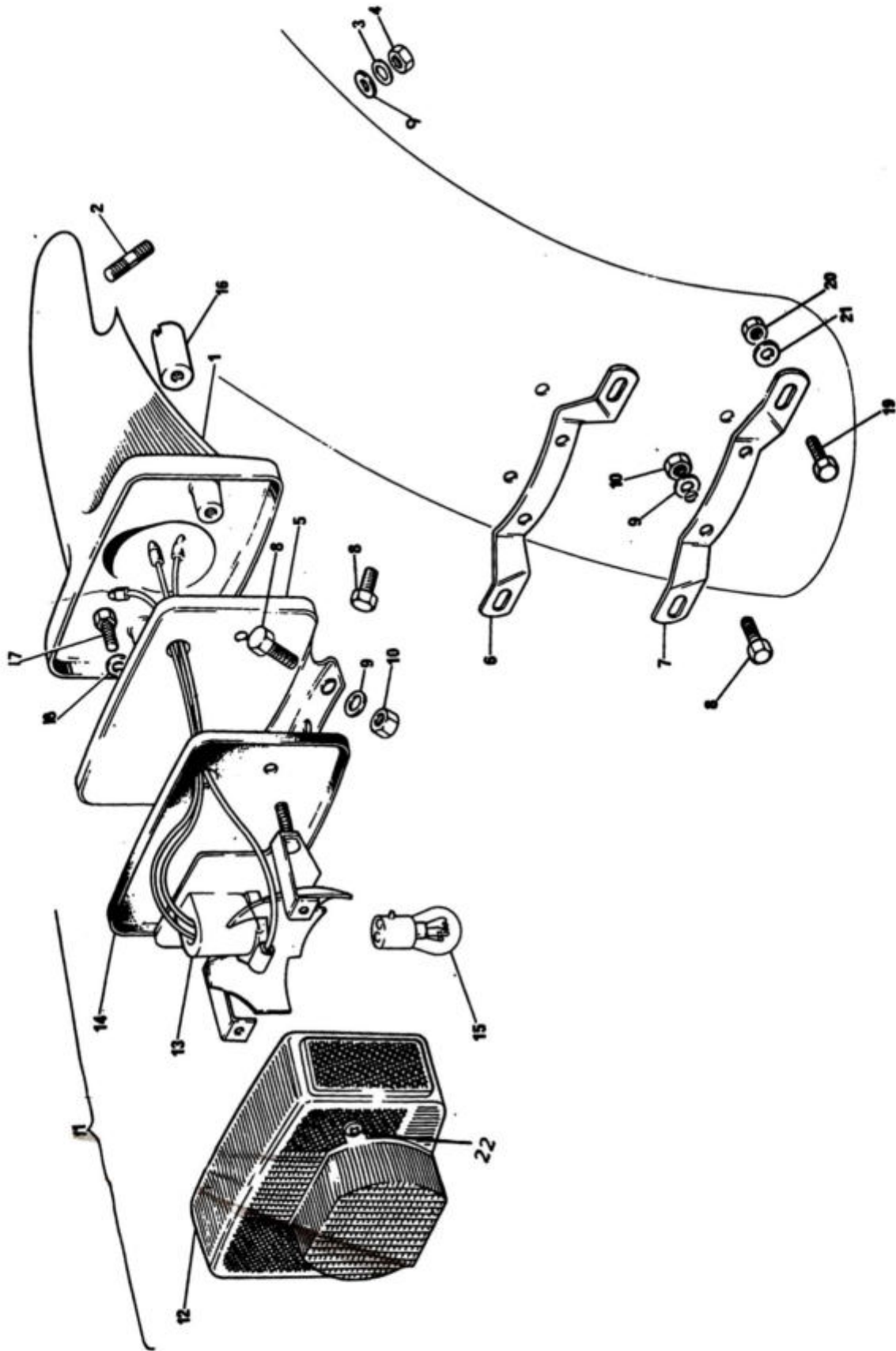


Fig. 27. FENDERS

FENDERS - FIXINGS

Ref. No.	Part No.	Descriptions	Qty.	Remarks
1	97-7039	FRONT FENDER	1	
2	97-7004	Bridge Piece Assembly	1	
4	14-2205	Screw, Bridge Piece to Blade	3	
5	21-7025	Washer, plastic	3	
8	14-1201	Nut; screw - Bridge to Blade	3	
9	97-4552	REAR STAY	1	
10	14-0101	Bolt, Rear Stay to Blade	2	
11	60-4245	Washer	2	
12	14-1201	Nut	2	
13	14-6114	Bolt, R/Stay to Spindle cap	2	
14	60-2428	Washer, spring	2	
15	14-0103	Bolt, Bridge Piece to Fork Leg	4	
16	60-2427	Washer, spring	4	
17	83-7490	REAR FENDER	1	
18	14-0101	Bolt	2	
19	60-2329	Washer	2	} Fender Top Fixing
20	14-1301	Nut	2	
21	83-2796	Lower Front Bracket	1	
22	14-0114	Bolt	2	
23	60-2330	Washer	2	} Fender Front Fixing
24	14-1302	Nut	2	
29	83-7547	GRAB RAIL	1	
30	14-0102	Bolt	2	
31	60-2329	Washer	2	} Grab Rail to Fender
32	14-1301	Nut	2	
33	21-7025	Washer, plastic	2	
NI	60-7206	Label - Grab Rail Rack	1	



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Fig. 28. TAIL LAMP AND SUPPORT

TAIL LAMP AND SUPPORT

Ref. No.	Part No.	Description	Qty.	Remarks
1	83-7094	CARRIER, Tail Lamp	1	
2	21-2225	Stud	1	
3	60-4250	Washer T/Lamp support to Fender	1	
4	14-0301	Nut	1	
5	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 and Support Plate to Fender
9	60-2329	Washer	5	
10	14-1301	Nut	4	
11	56513	STOP TAIL LAMP	1	
12	54584930	Lens	1	
13	54584931	Base Assembly	1	
14	54583924	Gasket	1	
15	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	
NI	83-5105	"U" Grommet, Lamp Carrier	2	
NI	97-0961	Grommet, Fender - for wiring	2	
NI	60-4440	Grommet, Flasher wires	2	
19	14-0101	Bolt - Number Plate attachment	4	
20	14-1301	Nut	4	
21	60-2329	Washer	4	
22	99-7013	Tail Lite Lens Screw	2	

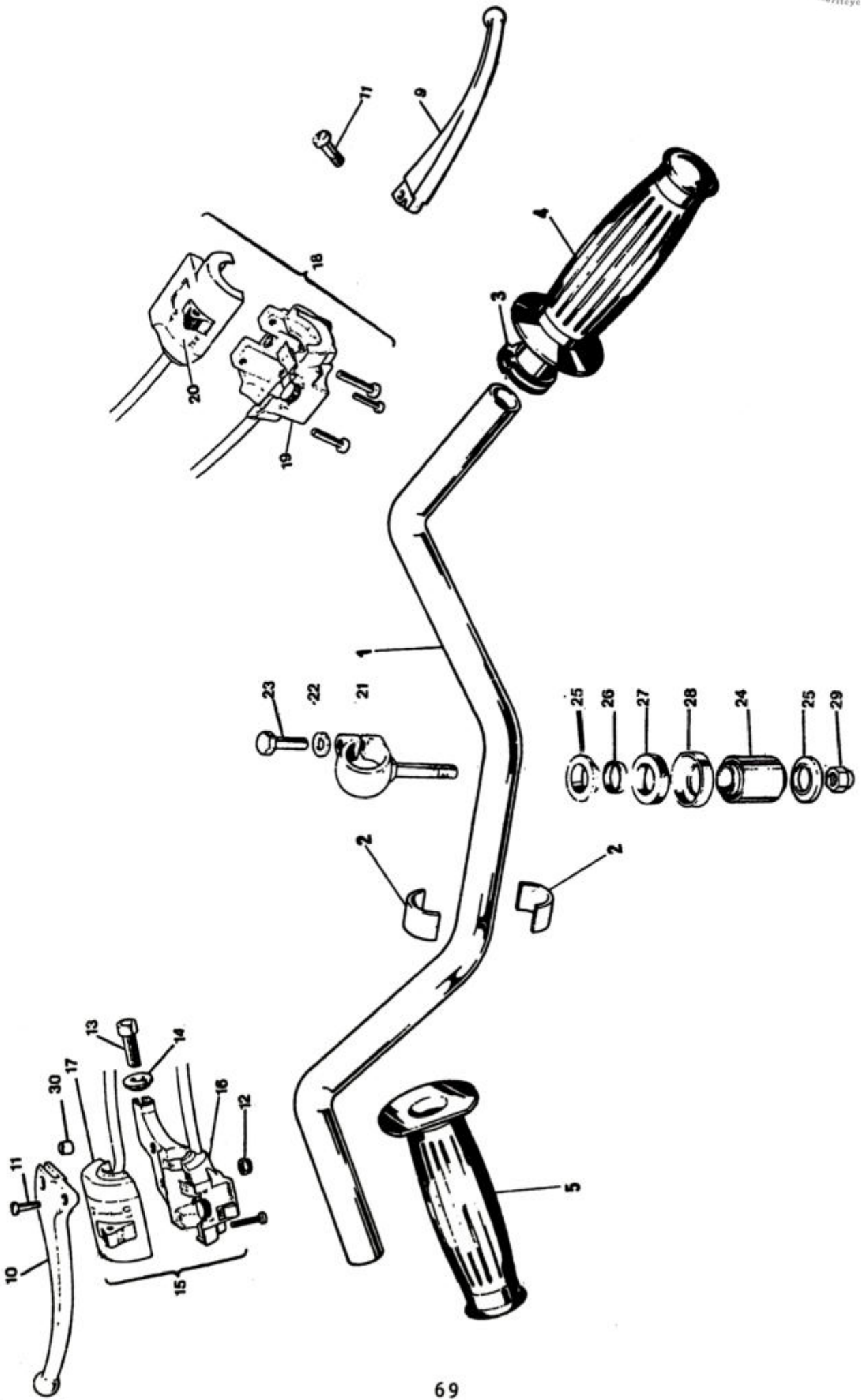


Fig. 29. HANDLEBAR AND CONTROL LEVERS

HANDLEBARS AND CONTROL LEVERS

Ref. No.	Part No.	Description	Qty.	Remarks
1	97-7040	HANDLEBAR	1	
2	97-1425	Sleeve, Handlebar mounting	4	
3	60-7144	TWIST GRIP COMPLETE WITH GRIP	1	
4	97-2125	Grip, RH	1	
5	97-2142	Grip, LH	1	
9	97-5074	Front Brake Lever Blade	1	
10	97-7035	Clutch Lever Blade	1	
11	21-7036	Pivot pin, Clutch Lever	1	
11	21-2191	Pivot pin, Brake Lever	2	
12	14-1901	Nut, Pivot pin	1	
13	60-3585	Adjuster	1	
14	60-3586	Lock Ring	1	
15	33708	SWITCH, H/Bar - LH	1	
16	99-7137	Switch, Bottom Half - LH	1	
17	99-7136	Switch, Top Half - LH	1	
18	33709	SWITCH, H/Bar - RH	1	
19	99-7135	Switch, Bottom Half - RH	1	
20	99-7134	Switch, Top Half - RH	1	
21	97-2291	Eye Bolt, H/Bar	2	
22	82-1335	Washer	2	
23	21-0589	Bolt	2	
24	97-1527	Metalastik Bush	2	
25	97-1529	Hemispherical Washer	4	
26	97-1581	Distance piece	2	
27	97-1580	Rubber washer	2	
28	97-2221	Cup	2	
29	14-1303	Nut	2	
30	97-7053	Pivot bush, Clutch Lever	1	
NI	60-7249	MIRROR, LH & RH	1	
NI	60-7201	Cable Tie	4	
NI	99-7138	Knob, c/w screw and slider	2	

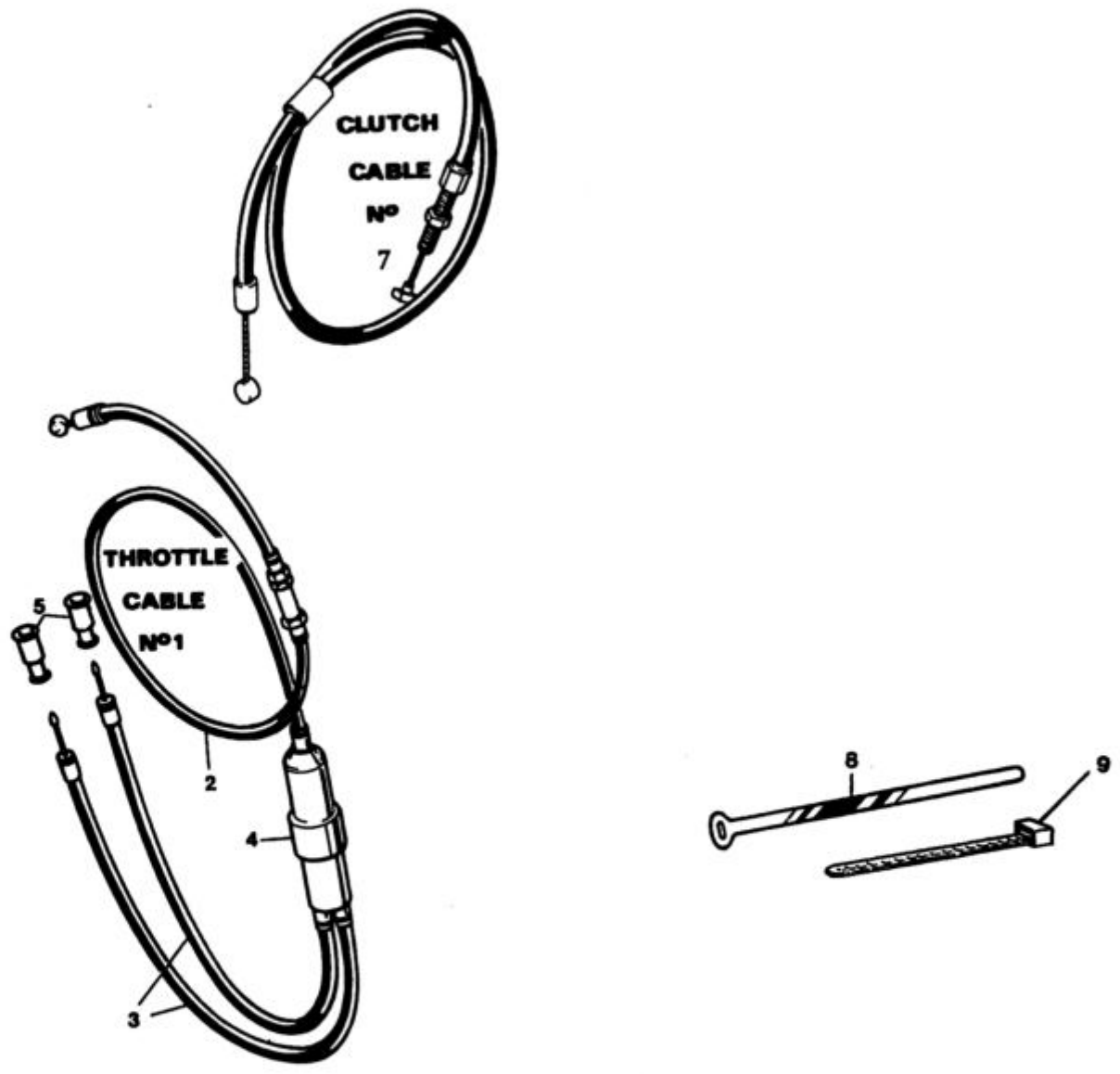


Fig. 30. CONTROL CABLES

CONTROL CABLES

Ref. No.	Part No.	Description	Qty.	Remarks
1	60-7151	Throttle Cable, Cte.	1	
2	60-7149	Throttle Cable, T/Grip to Junction Block	1	
3	60-7084	Throttle Cable, Junction Block to Carburetor	2	
4	60-0685	Throttle Cable - Junction Block	1	
5	60-7118	Sheath - Throttle Cable Adjuster	2	
7	60-3925	Clutch Cable	1	
8	60-4254	Cable clip, aluminum	8	
9	60-7202	Cable clip, plastic	21	
NI	60-4258	Cable clip, rubber	1	

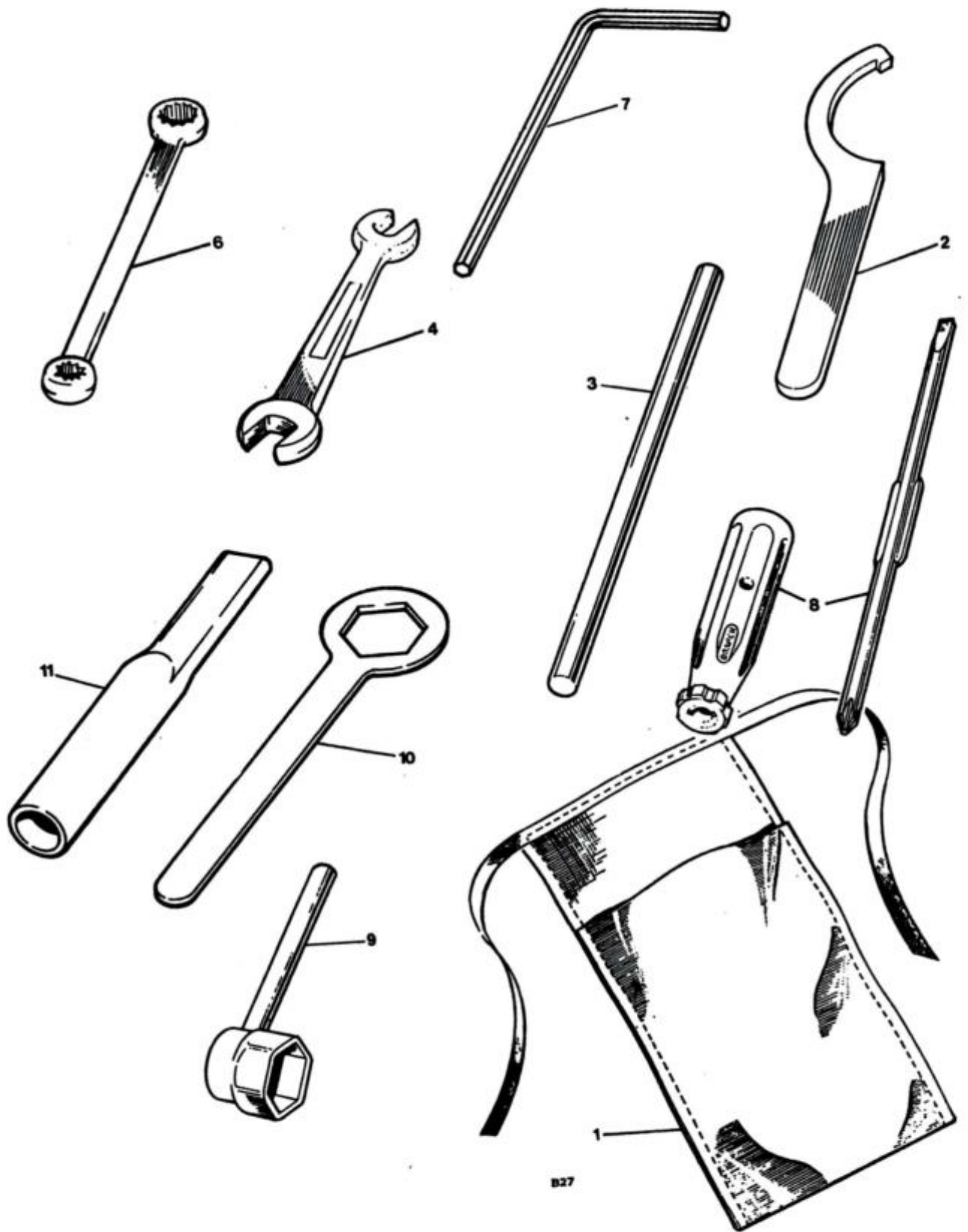


Fig. 31. TOOLKIT

TOOLKIT

Ref. No.	Part No.	Description	Qty.	Remarks
	60-7166	TOOLKIT COMPLETE	1	
1	60-0291	Tool roll	1	
2	60-2184	Damper unit spanner	1	
3	60-7041	Tommy bar, for rear wheel	1	
4	60-2084	Spanner - OPEN ENDED	1	
6	60-1907	Ring spanner	1	
7	60-7167	Key, hex socket screw	1	
8	60-0767	Screw driver	1	
9	60-1050	Plug spanner	1	
10	60-7068	Rear wheel spanner	1	
11	60-7069	Lever, for spanner	1	

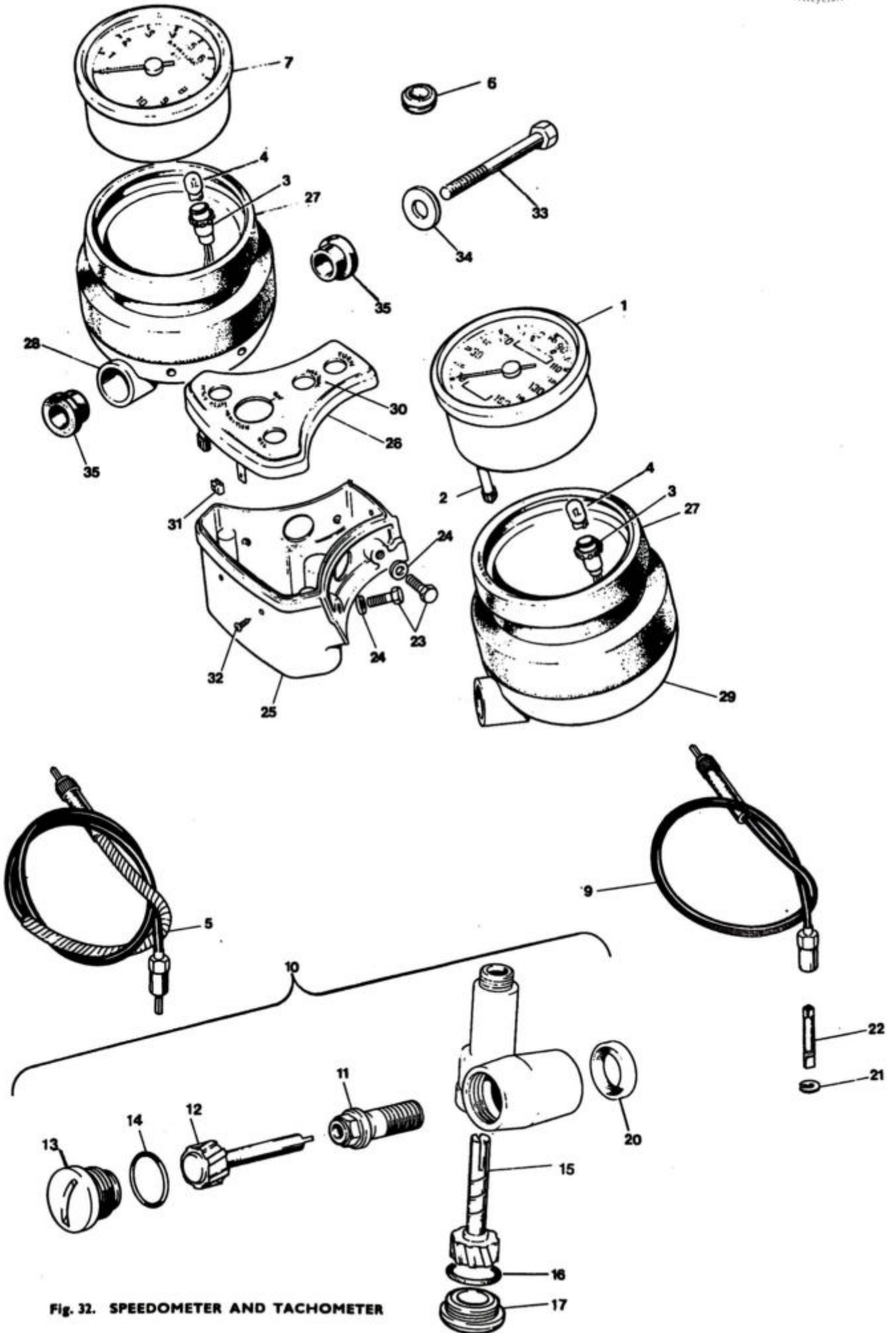


Fig. 32. SPEEDOMETER AND TACHOMETER

SPEEDOMETER AND TACHOMETER

Ref. No.	Part No.	Description	Qty.	Remarks
1	60-7272	SPEEDOMETER HEAD, 85 MPH	1	Veglia
2	60-7207	Trip control	1	
3	51271406	Bulb Holder	1	
4	504	Bulb	1	
5	60-3376	SPEEDOMETER CABLE ASSEMBLY	1	
6	60-7221	Grommet, Bulb Holder	2	
7	60-7223	TACHOMETER HEAD	1	Veglia
9	60-0578	Tachometer Cable	1	
10	71-7011	TACHOMETER GEARBOX	1	
11	70-9332	Securing Screw Assembly	1	
12	70-5157	Driving gear	1	
13	71-2480	End plug, driving gear	1	
14	60-3355	"O" Ring	1	
15	71-2653	Driven gear	1	
16	71-7012	Thrust cap	1	
17	71-2481	Welch plug	1	
20	70-7351	Sealing washer	1	
21	60-0494	Circlip	1	
22	99-0173	Spade	1	
23	14-6104	Bolt, Carrier to s/w box	4	
24	60-2427	Spring washer	4	
25	97-4577	Switch box	1	
26	97-5000	PANEL ASSY - Incl. line #30*	1	
27	97-4573	Rubber cup	2	
28	97-4574	Instrument Carrier - LH	1	
29	97-4575	Instrument Carrier - RH	1	
*30	60-4622	Identification Sheet	1	
31	60-4503	Spire nut	3	
32	21-Q762	Screw - Panel to s/w box	3	
33	14-0235	Bolt	2	
34	60-2340	Washer, plain	2	
35	97-4588	Rubber bush	4	

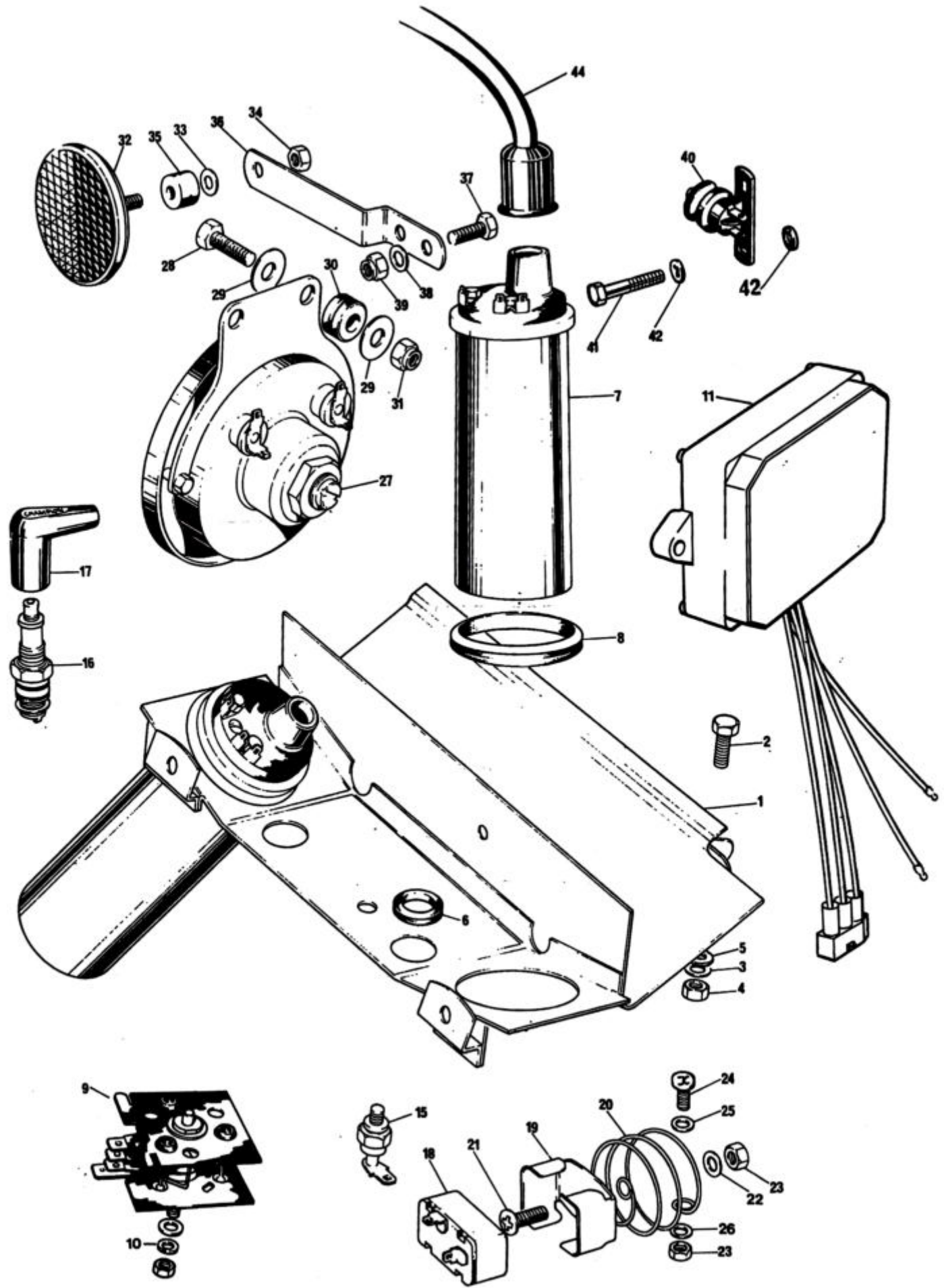


Fig. 33. COIL, CAPACITOR PACK, FLASHER UNIT, ZENER DIODE AND HORN

ELECTRICAL COMPONENTS

Ref. No.	Part No.	Description	Qty.	Remarks
1	83-7502	COIL AND TOOL TRAY ASSEMBLY	1	
2	14-0102	Bolt	1	} Coil & Tool Tray attachment, rear
3	60-2329	Washer	2	
4	14-1301	Nut	1	
5	70-7554	Washer, rubber	1	
6	82-6784	Grommet, wiring harness	2	
7	45275	IGNITION COIL (17-M-6)	2	
8	82-9561	Coil grommet	2	
9	83539	RECTIFIER COMPLETE w/nut	1	Negative Earth
10	70-3887	Shakeproof washer	1	
11	48022	AMPLIFIER UNIT	1	
15	49589	Zener Diode	1	Negative Earth
16	Ref. only	Sparking plug - N5 Champion	2	
17	60-0262	Plug cover	2	
18	35048	FLASHER UNIT	1	
19	54384768	Clip, Flasher Unit	1	
20	60-3614	Spring	1	} Flasher Unit attachmnt.
21	21-2079	Screw	1	
22	60-2391	Washer	1	
23	21-7009	Nut	2	
24	21-2079	Screw - spring to Tool Tray	1	
25	97-1388	Washer, plain	1	
26	60-2416	Washer	2	
27	70276	HORN	1	
28	14-0103	Bolt	2	} Horn attachment
29	60-2347	Washer	4	
30	60-3161	Grommet	2	
31	14-1301	Nut	2	
32	57183	REFLECTOR - AMBER	2	} Reflector Mntng.
33	60-2416	Washer	2	
34	82-3799	Nut	2	
35	83-3522	Mounting rubber	2	
36	83-3764	Bracket, Reflector	2	} Bracket to Frame
37	21-2120	Bolt	2	
38	60-2391	Washer	2	
39	21-0778	Nut	2	
40	34815	STOP LIGHT SWITCH, REAR	1	
41	21-7010	Screw, Rear Stop Light Switch	2	
42	97-1388	Washer, plain	4	
NI	70-4144	Grommet (for spark plug cover)	2	
44	60-3923	HIGH TENSION CABLE	2	
NI	14-0103	Screw, Amplifier fixing	2	
NI	14-1301	Nut, Amplifier fixing	2	

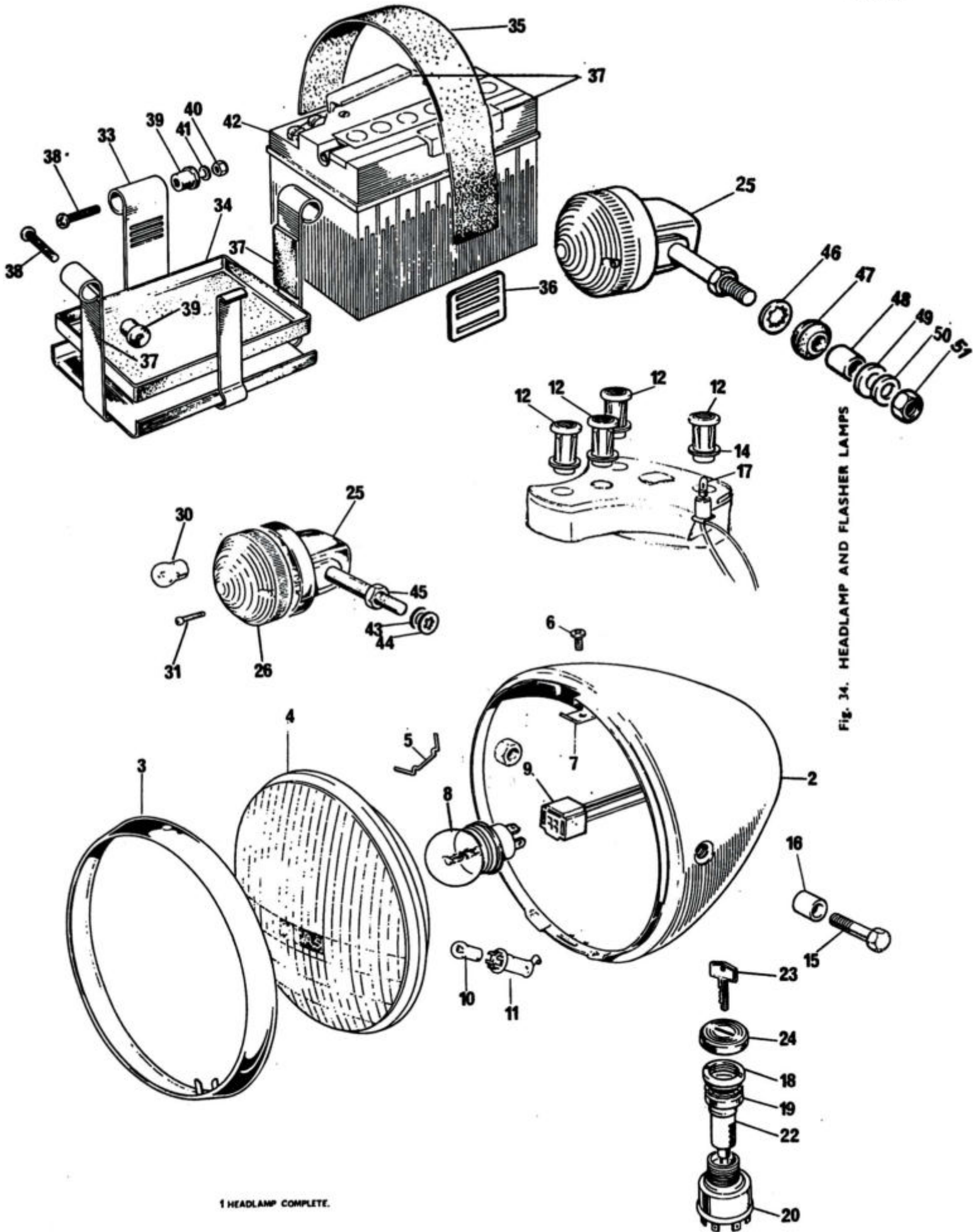


Fig. 34. HEADLAMP AND FLASHER LAMPS

HEADLAMP AND FLASHER LAMPS

Ref. No.	Part No.	Description	Qty.	Remarks
1	61387	HEADLAMP COMPLETE	1	
2	99-7098	Headlamp Shell only	1	
3	553248	Rim, Headlamp	1	
4	54522680	LIGHT UNIT	1	
5	504665	Fixing wire	6	
6	144921	Screw	1	
7	534296	Plate	1	
8	410	Main Bulb, 45/40 Watt	1	
9	553738	Adaptor	1	
10	989	Pilot Bulb	1	
11	54573590	Holder, Pilot Bulb	1	
12	54363454	Warning light - RED	1	
12	54363455	Warning light - GREEN	1	
12	54363453	Warning light - AMBER	1	
12	54361250	Warning light - BLUE	1	
14	54140331	Sealing washer	3	
15	54115106	Bolt, Headlamp mounting	2	
16	97-4125	Distance piece, Headlamp bolt	2	
17	281	Bulb, warning light	3	
18	54115106	Ignition Switch nut	1	
19	97-4596	Ignition Switch spacer	1	
20	39784	IGNITION SWITCH	1	
22	54335169	IGNITION LOCK with Key	1	
23	60-0622	Ignition Key (State SERIAL No.)	1	
24	60-4335	Cover, Ignition Switch	1	
25	56605	FLASHER LAMP - FRONT	2	
25	56606	FLASHER LAMP - REAR	2	
26	60600621	Lens	1	
30	382	Bulb	1	
31	54123401	Screw	2	
33	83-7504	BATTERY CARRIER ASSEMBLY	1	
34	82-8091	Battery Tray Moulding	1	
35	82-9353	Retaining Strap	1	
36	82-9355	Buckle	1	
37	83-7235	Protective strip, Battery Carrier	4	
38	83-2508	Shoulder screw	3	
39	82-6039	Rubber bush	3	} Battery Carrier mounting
40	14-1301	Nut	1	
41	60-2329	Washer, plain	1	
42	60-7088	BATTERY	1	
43	60-2332	Washer, plain	2	
44	37-2331	Washer, serrated	2	} Flasher Lamp - stanchion frnt.
45	14-0404	Nut	4	
NI	54965505	Main Wiring Harness	1	
NI	60-7199	Earth Lead - Amplifier Box	1	
NI	60-7198	Sub Harness - REAR	1	
NI	60-7279	Earth Lead - Rear Direc. Indicator	2	
46	83-7558	Dimpled washer	2	
47	82-5753	Grommet	2	
48	83-7559	Distance tube	2	} Flasher Lamp - stanchion rear.
49	60-2350	Washer, plain	2	
50	60-2332	Washer, plain	2	
51	14-0404	Nut	4	

STANDARD HARDWARE SPECIFICATION BOLTS

Part No.	Material Steel	Thd. dia.	Length under head	Min. length of thread	Hexagon A.F.
21-1822	"	5/16" UNF	1/2"	27/64"	0.500"
21-1910	"	3/8" UNF	13/16"	13/16"	0.565"
21-1919	"	5/16" UNC	1 5/8"	7/8"	0.500"
21-2010	"	1/2" UNF	13/16"	3/8"	0.375"
14-0101	"	1/2" UNF	1/2"		0.438"
14-0102	"	1/2" UNF	5/8"		0.438"
14-0103	"	1/2" UNF	3/4"		0.438"
14-0113	"	5/16" UNF	5/8"		0.500"
14-0114	"	5/16" UNF	3/4"		0.500"
14-0115	"	5/16" UNF	7/8"		0.500"
14-0128	"	3/8" UNF	1"		0.563"
14-0208	"	1/2" UNF	2 1/4"	3/4"	0.438"
14-0216	"	5/16" UNF	1 1/8"	7/8"	0.500"
14-0217	"	5/16" UNF	1 1/4"	7/8"	0.500"
14-0219	"	5/16" UNF	1 1/2"	7/8"	0.500"
14-0220	"	5/16" UNF	1 3/4"	7/8"	0.500"
14-0225	"	6/16" UNF	3"	7/8"	0.500"
14-0228	"	5/16" UNF	4"	7/8"	0.500"
14-0234	"	3/8" UNF	1 3/4"	1"	0.563"
14-0236	"	3/8" UNF	2 1/4"	1"	0.563"
14-0239	"	3/8" UNF	3"	1"	0.563"
14-0240	"	3/8" UNF	3 1/4"	1"	0.563"
14-0242	"	3/8" UNF	4"	1"	0.563"
14-0251	"	7/16" UNF	2 3/4"	1 1/4"	0.625"
14-6102	"	1/2" UNC	5/8"		0.438"
14-6115	"	5/16" UNC	7/8"		0.500"

SCREWS

Part No.	Type of head	Material	Thd. Dia.	Length under head	Type of drive
21-1916	Cheese head	Steel	1/4" UNC	1 1/8"	Cross recess
21-1917	Cheese head	"	1/4" UNC	2 5/8"	Cross recess
21-1918	Cheese head	"	1/4" UNC	2 3/8"	Cross recess
21-1920	Hex. head	"	1/4" UNC	21/64"	
21-1929	Countersunk (82")	"	1/4" UNC	17/32"	Slot
21-2079	Cheese head	"	No. 10 UNF	1/2"	Pozidrive
14-0604	Cheese head	"	1/4" UNF	1/2"	Cross recess
14-6505	Countersunk (82")	"	1/4" UNC	7/8"	Cross recess
14-6607	Cheese head	"	1/4" UNC	7/8"	Cross recess
14-6608	Cheese head	"	1/4" UNC	1"	Cross recess
14-6609	Cheese head	"	1/4" UNC	1 1/4"	Cross recess
14-7019	Socket head	"	5/16" UNC	7/8"	Hex. socket
14-7024	Socket head	"	5/16" UNC	2"	Hex. socket

NUTS

Part No.	Material Steel	Thd. dia.	Hexagon A.F.	Thickness	Remarks
21-0778	"	No.10 UNF	0.375"	0.225"	Cleavelock
21-1852	"	5/16" UNF	0.437"	0.330"	Philidas
21-1906	"	1/4" UNF	0.438"	0.188"	Plain
21-1908	"	5/16" UNF	0.438"	0.313"	Plain
21-1914	"	3/4" UNEF	1.125"	0.250"	Plain
21-2012	"	7/8" UNEF	1.313"	0.438"	Plain
21-2013	"	3/4" UNEF	1.313"	0.313"	Plain
21-2014	"	3/4" UNEF	1.313"	0.438"	Plain
14-0301	"	1/4" UNF	0.438"	0.224"	Plain
14-0302	"	5/16" UNF	0.500"	0.271"	Plain
14-0401	"	1/4" UNF	0.438"	0.161"	Lock
14-0402	"	5/16" UNF	0.500"	0.192"	Lock
14-0403	"	3/8" UNF	0.563"	0.224"	Lock
14-0701	"	1/4" UNF	0.438"	0.203"	Philidas
14-0702	"	5/16" UNF	0.500"	0.246"	Philidas
14-0703	"	3/8" UNF	0.563"	0.296"	Philidas
14-1201	"	1/4" UNF	0.438"	0.285"	Stiffnut
14-1202	"	5/16" UNF	0.500"	0.335"	Stiffnut
14-1301	"	1/4" UNF	0.438"	0.245"	Stiffnut
14-1302	"	5/16" UNF	0.500"	0.290"	Stiffnut
14-1303	"	3/8" UNF	0.563"	0.320"	Stiffnut
14-1304	"	7/16" UNF	0.688"	0.275"	Stiffnut
14-1305	"	1/2" UNF	0.750"	0.435"	Stiffnut
14-1902	"	5/16" UNF	0.500"	0.361"	Nyloc
14-1903	"	3/8" UNF	0.563"	0.375"	Nyloc

WASHERS—PLAIN

Part No.	Material	i/dia.	o/dia.	Thickness
60-4245	Steel	0.273"	0.563"	0.048"
60-4246	Steel	0.398"	0.750"	0.063"
60-4247	Steel	0.336"	0.625"	0.063"
37-2027	Steel	0.531"	1.031"	0.092"
60-4248	Steel	0.266"	0.469"	0.064"

WASHERS—SPRING

Part No.	Material	i/dia.	o/dia.	o/a height	Thickness
60-4259	Spring steel	3/8" clearance	19/32"	7/32"	0.104"
60-4250	"	1/4" clearance	13/32"	3/16"	0.064"
60-3541	"	17/32"	7/8"	7/32"	0.040"***
21-0648	"	5/16" clearance	1/2"	5/32"	0.080"

** Double coil.