

BSA

Rocket

MODEL A75

SPARE PARTS LIST

FROM ENGINE AND FRAME Nos. A75R-101

CATALOGUE No.00-5141

(REVISED)

THIS LIST SUPERSEDES ALL PREVIOUS ISSUES

CATALOGUE OF



FOR MODEL A75

ROCKET 3

ISSUED BY

B.S.A. MOTOR CYCLES LTD.

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Birmingham 11, England.

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TELEGRAMS

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"SELMOTO" BIRMINGHAM

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NUTLEY, NEW JERSEY, 07110.

Please Note!

Replacement parts or accessories must be of B.S.A. origin or as approved by B.S.A. Motor Cycles Ltd.

In this respect your attention is drawn to the Terms and Conditions of B.S.A. Guarantee.

EXAMPLE:

PETROL TANK, SIDECOVERS, CHAINGUARD:

[illegible]

MUDGUARDS:

Flamboyant red, single white line /177

OTHER PARTS:

[illegible]

PRICES:

No price codes are quoted in this list. For prices please refer to the Master Price List No. 00-5125.

Wherever possible details of thread form and size are quoted after description of nuts, bolts, screws, studs and washers. Such as: 14-7006 Socket screw ($\frac{1}{4}$ " U.N.C. $\times$ 1") = $\frac{1}{4}$ " diameter unified coarse thread 1" long under head.

Vital components, which are manufactured from special material, are indicated by a sign and the British Standard symbol for the material is quoted at the foot of the page.

ABBREVIATIONS:

B.A.	—	British Association Screw Threads.
B.S.C.	—	British Standard Cycle Screw Threads.
B.S.F.	—	British Standard Fine Screw Threads.
C/SK.	—	Countersunk Head.
U.N.F.	—	Unified Fine Screw Threads.
U.N.C.	—	Unified Coarse Screw Threads.
WHIT.	—	Whitworth Form Screw Threads.

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STEERING LOCK AND KEY

Lock No.	Key No.	Lock No.	Key No.	Lock No.	Key No.
EJR 1	19-5151	EJR 18	19-5168	EJR 35	19-5185
EJR 2	19-5152	EJR 19	19-5169	EJR 36	19-5186
EJR 3	19-5153	EJR 20	19-5170	EJR 37	19-5187
EJR 4	19-5154	EJR 21	19-5171	EJR 38	19-5188
EJR 5	19-5155	EJR 22	19-5172	EJR 39	19-5189
EJR 6	19-5156	EJR 23	19-5173	EJR 40	19-5190
EJR 7	19-5157	EJR 24	19-5174	EJR 41	19-5191
EJR 8	19-5158	EJR 25	19-5175	EJR 42	19-5192
EJR 9	19-5159	EJR 26	19-5176	EJR 43	19-5193
EJR 10	19-5160	EJR 27	19-5177	EJR 44	19-5194
EJR 11	19-5161	EJR 28	19-5178	EJR 45	19-5195
EJR 12	19-5162	EJR 29	19-5179	EJR 46	19-5196
EJR 13	19-5163	EJR 30	19-5180	EJR 47	19-5197
EJR 14	19-5164	EJR 31	19-5181	EJR 48	19-5198
EJR 15	19-5165	EJR 32	19-5182	EJR 49	19-5199
EJR 16	19-5166	EJR 33	19-5183	EJR 50	19-5200
EJR 17	19-5167	EJR 34	19-5184		

PISTON CHART

Compression Ratio	PISTON COMPLETE					Number Per Set
	Standard	+ .005"	+ .010"	+ .020"	+ .040"	
9 : 1	70-9741	70-9761	70-9762	70-9763	70-9764	3
	COMPRESSION RINGS					6
	70-6838	70-9015	70-9016	70-9017	70-9018	
	SCRAPER RINGS					3
	70-9739	70-9765	70-9766	70-9767	70-9768	
Set No.	00-3466	00-3467	00-3468	00-3469	00-3470	Rings per set (9)

CARBURETTERS AND SETTINGS

Location	B.S.A. Number	Amal Number	Main Jet	Pilot Jet	Throttle Slide	Needle Jet	Needle Position	Air Cable
Right-hand	19-2408	R.626-14	150	622-107	3	.106	2	Long
Centre	19-2415	R.626-16	150	622-107	3	.106	2	Medium
Left-hand	19-2409	L.626-15	150	622-107	3	.106	2	Short

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ASSEMBLIES COMPLETE

<i>Spares No.</i>	<i>Description</i>
00-3172	TOP OVERHAUL GASKET SET.
00-3315	FULL OVERHAUL GASKET SET.
00-3466	PISTON RING SET (standard).
00-3467	PISTON RING SET (.005" oversize).
00-3468	PISTON RING SET (.010" oversize).
00-3469	PISTON RING SET (.020" oversize).
00-3470	PISTON RING SET (.040" oversize).
70-7951	ENGINE UNIT, less carburettors and exhaust system, plus oil pipes and pressure switch.
70-8781	CYLINDER HEAD ASSEMBLY.
70-6529	CYLINDER BLOCK ASSEMBLY.
70-9740	CONNECTING ROD ASSEMBLY.
70-8778	CRANKSHAFT ASSEMBLY.
70-7869	CRANKCASE COMPLETE, drive-side, centre and timing-side.
70-9001	OIL PUMP COMPLETE.
19-7800	CLUTCH ASSEMBLY COMPLETE.
57-3871	PRIMARY DRIVE SHOCK ABSORBER ASSEMBLY.
82-9773	FRAME COMPLETE.
82-9963	SWINGING ARM COMPLETE.
97-2672	FRONT FORK ASSEMBLY COMPLETE.
37-3312	FRONT WHEEL COMPLETE, with spindle and bearings, less brake parts.
37-3461	FRONT BRAKE ANCHOR PLATE ASSEMBLY.
37-3317	FRONT HUB COMPLETE, with spindle and bearings, less brake parts.
37-3456	REAR WHEEL COMPLETE, with spindle and bearings, less brake parts.
37-3457	REAR HUB COMPLETE, with spindle and bearings, less brake parts.
37-1111	REAR BRAKE ANCHOR PLATE ASSEMBLY.

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Plate 1

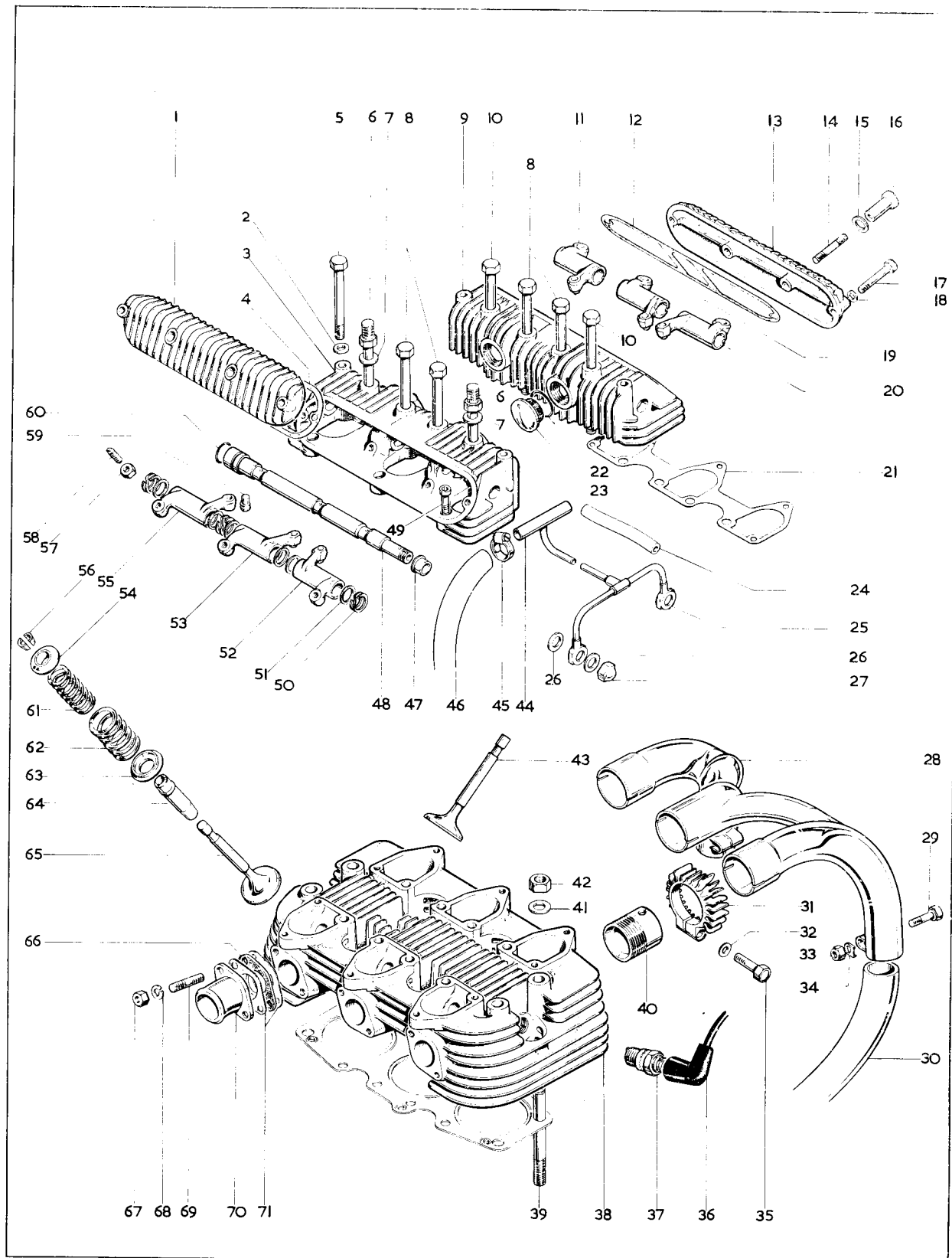


Plate 1

CYLINDER HEAD, ROCKER BOXES, EXHAUST PIPES

Plate Ref.	Spares Number	Description	Per Set
1.	70-6563	Inlet rocker box cover	
2.	54-9081	Washer, for bolt 14-6211	4
3.	70-6561	Inlet rocker box	
4.	70-6565	Rocker box cover gasket	
5.	14-6211	Bolt, rocker box to cylinder head ($\frac{1}{4}$ " U.N.C. $\times$ 3")	4
6.	70-8818*	Bolt, rocker box to barrel steady stay ($\frac{3}{8}$ " $\times$ $\frac{5}{16}$ " U.N.F. $\times$ 4 $\frac{1}{2}$ ")	2
7.	70-9240	Washer for bolt lines 6, 8 and 10 ($\frac{5}{8}$ " $\times$ 21/64" $\times$ 3/32")	8
8.	70-8820*	Bolt, rocker box to barrel (short)	4
9.	70-6562	Exhaust rocker box	
10.	70-8819*	Bolt, rocker box to barrel (long)	2
11.	70-9782	Exhaust rocker, drive-side	
12.	70-6565	Rocker box cover gasket	
13.	70-6564	Exhaust rocker box cover	
13.	70-6564	Exhaust rocker box cover	
14.	14-1401	Stud (long), rocker box cover ($\frac{1}{4}$ " U.N.C./U.N.F. $\times$ 1")	4
15.	70-9239	Washer, cover fixing nut (9/16" $\times$ 25/64" $\times$ $\frac{1}{16}$ ")	4
16.	70-9237	Sleeve nut, cover fixing	4
17.	14-201	Bolt, rocker box cover ($\frac{1}{4}$ " U.N.F. $\times$ 1")	4
18.	54-9081	Washer, for bolt line 17	4
19.	70-9779	Exhaust rocker, centre	
20.	70-9780	Exhaust rocker, timing-side	
21.	70-8773	Rocker box gasket	2
22.	70-8782	"O" ring, inspection cap	4
23.	57-2166	Rocker box inspection cap	4
24.	70-6353	Connecting tube, oil feed pipes	
25.	70-9271	Rocker oil pipe, rocker spindle	
26.	40-159	Washer, oil pipe banjo	4
27.	21-550	Domed nut, oil pipe to rocker spindles ($\frac{3}{8}$ " U.N.F.)	2
28.	70-7990	Exhaust manifold	
29.	14-205	Bolt, exhaust pipe to manifold ($\frac{1}{4}$ " U.N.F. $\times$ 1 $\frac{1}{2}$ ")	2
30.	70-9460	Exhaust pipe, left-hand	
30.	70-9461	Exhaust pipe, right-hand	
31.	70-6743	Finned collar, exhaust pipe	3
32.	70-8860	Spherical washer, finned collar	3
33.	14-1201	Nut, for bolt line 29 ($\frac{1}{4}$ " U.N.F.)	2
34.	70-9626	Cap, for bolt line 29	4
35.	70-6744	Bolt, finned collar ($\frac{5}{16}$ " U.N.F. $\times$ 1 $\frac{3}{16}$ ")	3
36.	19-7638	Spark plug cover (Ripault)	3
37.	19-7606	Spark plug (Champion N3)	3

NOTE:—44-9081. Washer is added to bolt head 14-205 line 29.

Plate 1—Contd.

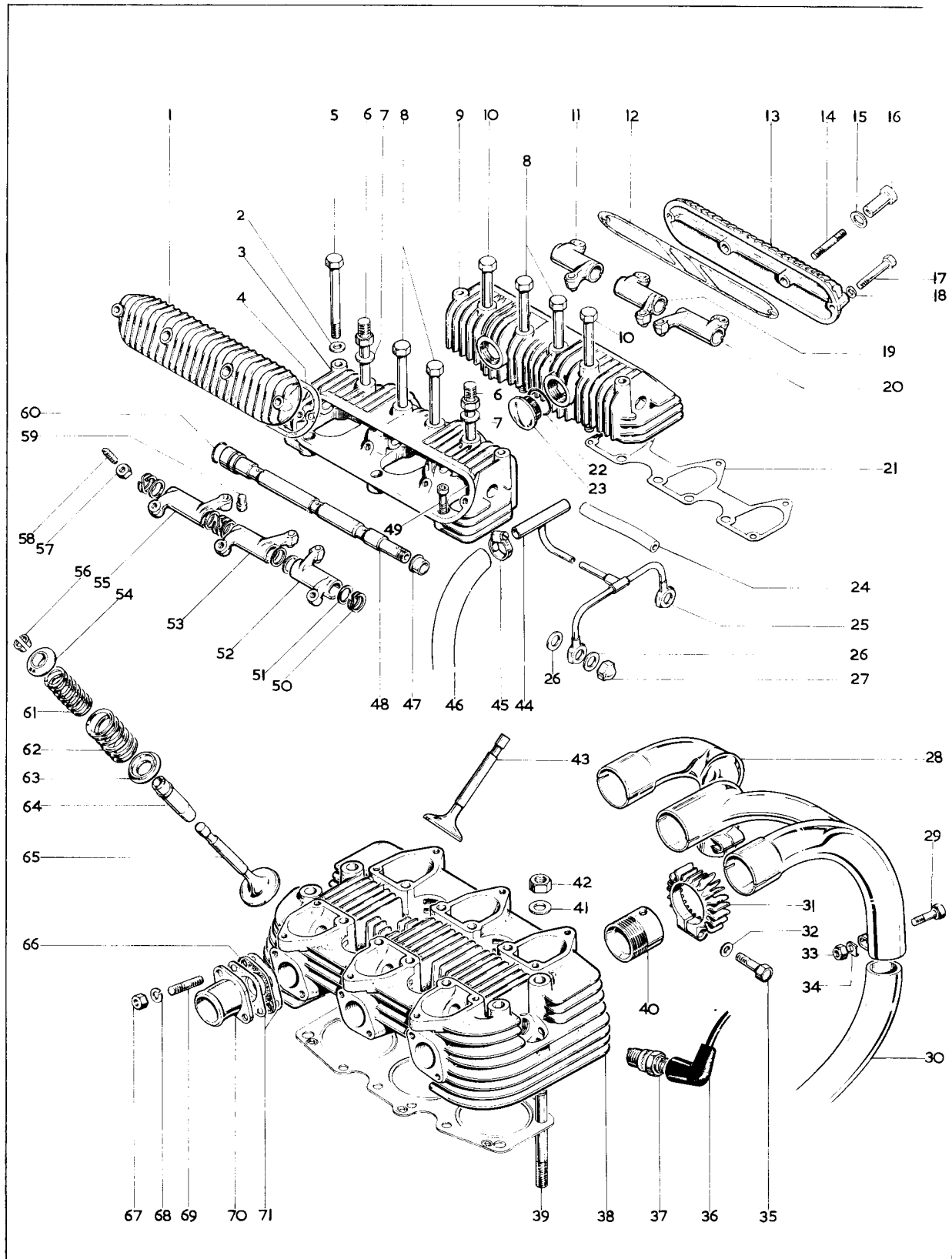


Plate 1—contd.

CYLINDER HEAD, ROCKER BOXES, EXHAUST PIPES

Plate Ref.	Spares Number	Description	Per Set
38.	70-8781	Cylinder head with fixed fittings	
39.	21-686*	Stud, head to barrel ($\frac{3}{8}$ " U.N.C./U.N.F. $\times 4\frac{3}{4}$ ")	4
40.	70-9510	Exhaust pipe adaptor	3
41.	2-861	Washer, head to barrel stud ($\frac{3}{8}$ " $\times \frac{3}{4}$ " $\times 3/32$ ")	4
42.	14-303	Nut, head to barrel stud ($\frac{3}{8}$ " U.N.F.)	4
43.	70-6423	Exhaust valve	3
44.	70-9274	Rocker oil pipe, engine to cooler	
45.	60-702	Clip, flexible oil pipe to rockers	2
46.	70-8905	Flexible oil pipe to rockers	
47.	70-6018	Bush, rocker spindle (timing-side)	2
48.	70-9558	Rocker spindle assembly	2
49.	14-7004	Screw, rocker box to cylinder head ($\frac{1}{4}$ " U.N.C. $\times \frac{3}{4}$ ")	6
50.	40-156	Spring washer, rocker spindle ($\frac{3}{4}$ " $\times 33/64$ " $\times 1/32$ ")	6
51.	40-158	Washer, rocker spindle ($\frac{1}{2}$ ")	12
52.	70-9779	Inlet rocker, timing-side	
53.	70-9780	Inlet rocker (centre)	
54.	70-8720	Top collar, valve spring	6
55.	70-9781	Inlet rocker, drive-side	
56.	40-167	Split collet, valve spring	12
57.	14-402	Adjusting pin nut, rocker lever ($\frac{5}{16}$ " U.N.F.)	6
58.	70-8783	Adjusting pin, rocker lever	6
59.	70-7651	Rocker ball pin	6
60.	75-124	"O" ring, drive-side bush	2
61.	70-8787	Valve spring (inner)	6
62.	70-8788	Valve spring (outer)	6
63.	70-8789	Cup, valve spring (bottom)	6
64.	70-6420	Valve guide	6
65.	70-6422	Inlet valve	3
66.	70-8981	Stub insulating washer (Tufnol)	3
67.	14-301	Nut, stub to cylinder head ($\frac{1}{4}$ " U.N.F.)	6
68.	40-2705	Spring washer, stub to cylinder head ($17/64$ " $\times 15/32$ " $\times \frac{1}{16}$ ")	6
69.	21-557	Stud, stub to cylinder head ($\frac{1}{4}$ " U.N.F./U.N.C. $\times 1-5/32$ ")	6
70.	70-7983	Stub, cylinder head	3
71.	70-8784	Gasket, carburetter adaptor	6

*Special material: 6.—EN16. 8.—EN16. 10.—EN16. 39.—EN8.

Plate 2

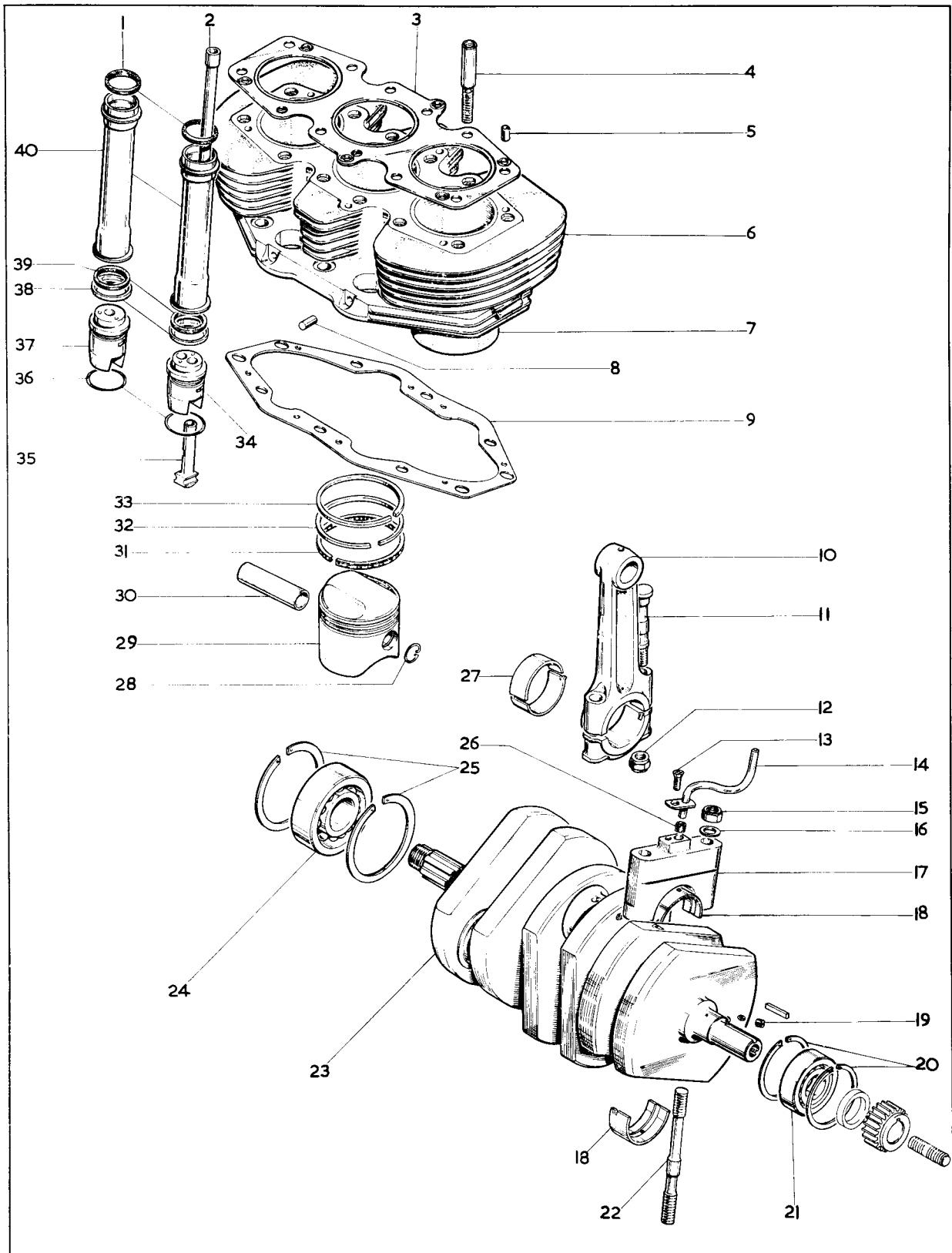


Plate 2

CYLINDER, PISTONS AND CRANKSHAFT

Plate Ref.	Spares Number	Description	Per Set
1.	70-4752	Joint washer, push rod cover (top)	4
2.	70-6506	Push rod, inlet and exhaust	6
3.	70-7327	Cylinder head gasket	1
4.	70-8817*	Stud, cylinder barrel	8
5.	70-1532	Dowel, cylinder head to barrel	6
6.	70-6529	Cylinder barrel assembly	1
7.	70-8914	Cylinder barrel liner	3
8.	70-9465	Dowel, tappet block	4
9.	70-6496	Cylinder base gasket	1
10.	70-9740	Connecting rod complete	3
11.	70-9727*	Connecting rod bolt ($\frac{5}{16}$ " U.N.F. $\times$ 2-37/64")	6
12.	21-549	Nut, connecting rod bolt ($\frac{5}{16}$ " U.N.F.)	6
13.	40-242	Screw, oil pipe to bearing cap (2 B.A. $\times$ 27/64" countersunk)	2
14.	70-8746	Tappet oil feed pipe, drive-side	1
14.	70-8748	Tappet oil feed pipe, timing-side	1
15.	14-1203	Locknut, bearing cap ($\frac{3}{8}$ " U.N.F.)	4
16.	54-4307	Washer, bearing cap nut	4
17.	70-7423	Main bearing cap	2
18.	70-6023	Main bearing shell (standard)	4
18.	70-9027	Main bearing shell (.010" undersize)	4
18.	70-9028	Main bearing shell (.020" undersize)	4
18.	70-9029	Main bearing shell (.030" undersize)	4
18.	70-9030	Main bearing shell (.040" undersize)	4
19.	70-6577	Crankshaft oilway plug	3
20.	70-6026	Bearing circlip, timing-side	2
21.	70-8780	Crankshaft bearing, timing-side (Hoffman R.125)	1
22.	70-8745*	Stud, main bearing cap ($\frac{3}{8}$ " U.N.F./U.N.C. $\times$ 4 $\frac{7}{8}$ ")	4
23.	70-8778	Crankshaft assembly	1
24.	70-1591	Crankshaft bearing, drive-side (Hoffman MS.11)	1
25.	70-6025	Bearing circlip, drive-side	2
26.	70-7505	Rubber seal, tappet feed pipe	4
27.	70-5998	Shell bearing, connecting rod (standard)	6
27.	70-9023	Shell bearing, connecting rod (.010" undersize)	6
27.	70-9024	Shell bearing, connecting rod (.020" undersize)	6
27.	70-9025	Shell bearing, connecting rod (.030" undersize)	6
27.	70-9026	Shell bearing, connecting rod (.040" undersize)	6
28.	70-6840	Gudgeon pin circlip	6
29.	70-9741†	Piston complete (standard)	3
30.	70-6836	Gudgeon pin	3
31.	70-9739†	Piston scraper ring (standard)	3
32.	70-6838†	Piston compression ring, centre (standard)	3
33.	70-6838†	Piston compression ring, top (standard)	3
34.	70-6509	Tappet block, timing-side	2
35.	70-8917	Inlet and exhaust tappet	6
36.	70-6560	"O" ring, tappet block	4
37.	70-6508	Tappet block, drive-side	2
38.	70-4746	Cup, push rod cover (bottom)	4
39.	70-4752	Joint washer, push rod cover (bottom)	4
40.	70-6955	Push rod cover	4

*Special material: 4.—EN8R. 11.—3AE.4042, condition $\times$ 75 ton. 22.—EN16.

†See page 5.

Plate 3

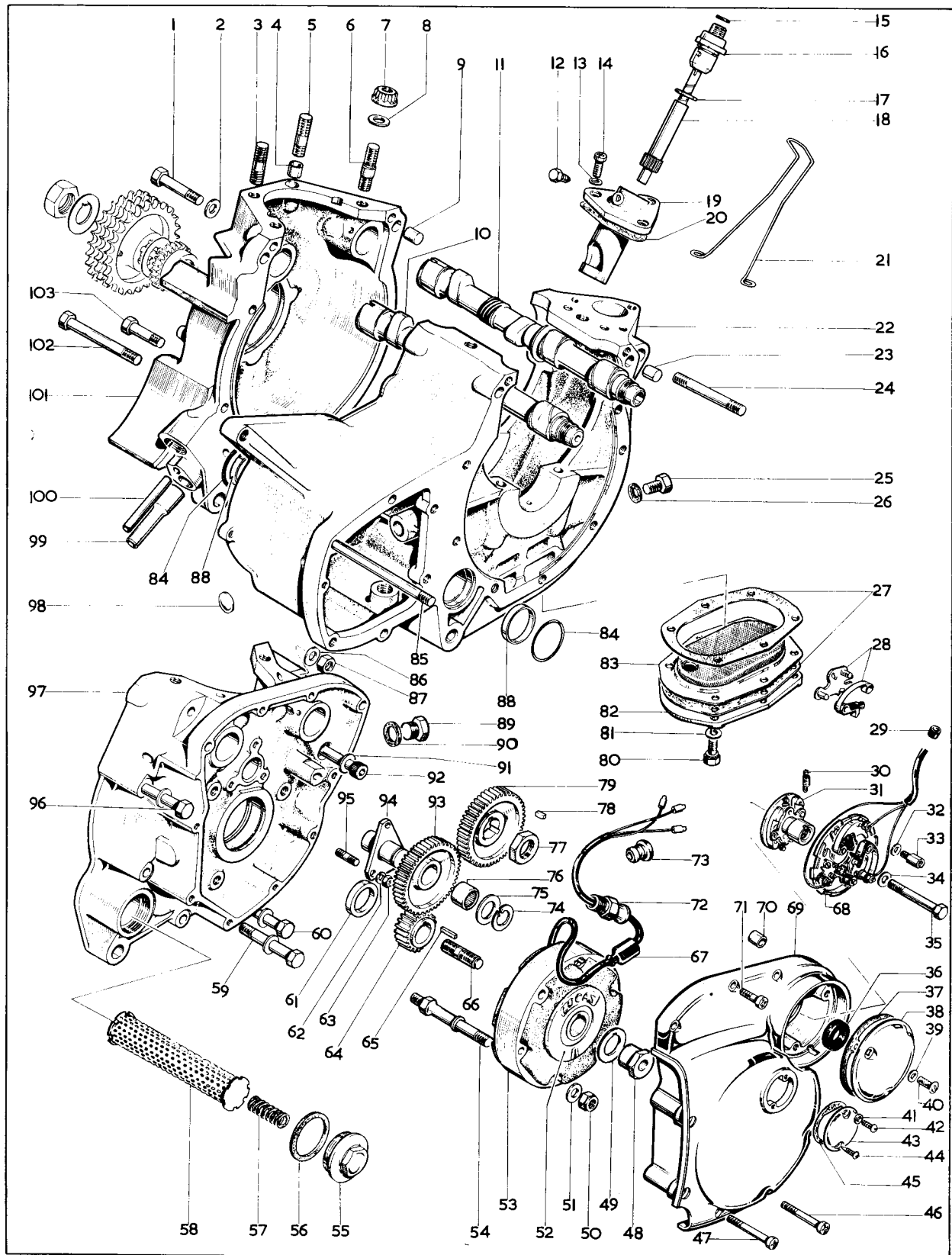


Plate 3

CRANKCASE AND TIMING GEARS

Plate Ref.	Spares Number	Description	Per Set
1.	14-6220	Bolt, crankcase ($\frac{5}{16}$ " U.N.C. $\times$ $1\frac{3}{4}$ ")	2
2.	54-55	Washer, crankcase bolt ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	8
3.	21-1931*	Stud, cylinder base ($\frac{3}{8}$ " U.N.C./U.N.F. $\times$ $1\frac{3}{4}$ ")	4
4.	70-8751	Dowel	2
5.	70-8738*	Stud, cylinder base dowel ($\frac{3}{8}$ " U.N.F. $\times$ $1\frac{13}{16}$ ")	2
6.	21-1912*	Stud, cylinder base ($\frac{3}{8}$ " U.N.C./U.N.F. $\times$ $1\frac{5}{8}$ ")	4
7.	21-692	Nut, cylinder base stud (12 point $\frac{3}{8}$ " U.N.F.)	10
8.	70-8770	Washer, for nut line 7	10
9.	70-8774	Dowel, drive-side	2
10.	70-8764	Inlet camshaft	
11.	70-8765	Exhaust camshaft	
12.	70-8744	Locating bolt ($\frac{1}{4}$ " U.N.C. $\times$ $13/32$ ")	
13.	90-262	Washer, for screw line 14	2
14.	14-6606	Screw, tachometer housing to crankcase ($\frac{1}{4}$ " U.N.C. $\times$ $\frac{3}{4}$ ")	3
15.	70-6299	"O" ring, driven gear	
16.	70-8742	Bearing housing, tachometer drive	
17.	40-323	"O" ring, tachometer drive	
18.	70-8741	Driven gear, tachometer drive	
19.	70-8740	Driven gear housing, tachometer drive	
20.	70-8739	Gasket, tachometer drive	
21.	70-9706	Support wire, tachometer cable	
22.	70-7735†	Crankcase, centre section	
23.	70-8774	Dowel, timing-side	2
24.	14-1427	Stud, crankcase ($\frac{5}{16}$ " U.N.C./U.N.F. $\times$ 3 ")	2
25.	14-6113	Oilway plug ($\frac{5}{16}$ " U.N.C. $\times$ $\frac{5}{8}$ ")	2
26.	70-8776	Oilway plug washer	2
27.	70-6516	Scavenge cover gasket	
28.	19-1865	Contact set (Lucas 54419828)	
29.	70-8756	Grommet, contact breaker leads	
30.		Spring, auto-advance unit (Lucas 54415642)	2
31.	19-1864	Auto-advance unit (Lucas 54419867)	
32.	70-6559	Washer, contact breaker plate	3
33.	70-6521	Pillar bolt, contact breaker plate (2 B.A. $\times$ $1\frac{5}{32}$ ")	3
34.	68-331	Washer, auto-advance bolt line 35	
35.	14-208	Bolt, auto-advance unit ($\frac{1}{4}$ " U.N.F. $\times$ $2\frac{1}{4}$ ")	
36.	76-291	Oil seal, contact breaker	
37.	70-6572	Cover gasket, contact breaker	
38.	70-6519	Contact breaker cover	
39.	54-170	Washer, cover screw line 40	3
40.	54-9012	Screw, contact breaker cover (2 B.A. $\times$ $13/32$ ")	3
41.	70-9266	Washer, for screw lines 42 and 44	2
42.	71-7	Screw, timing aperture (4 B.A. $\times$ $\frac{5}{16}$ ")	
43.	70-7879	Cover, timing aperture	
44.	71-6	Pointer screw, timing aperture (4 B.A. $\times$ $11/16$ ")	
45.	70-7880	Gasket, timing aperture	
46.	14-6611	Screw, timing cover ($\frac{1}{4}$ " U.N.C. $\times$ $1\frac{3}{4}$ ")	
47.	14-6612	Screw, timing cover ($\frac{1}{4}$ " U.N.C. $\times$ 2 ")	4
48.	70-8763	Nut, rotor mounting ($\frac{7}{16}$ " U.N.F.)	
49.	75-223	Lockwasher, rotor mounting	
50.	21-677	Locknut, stator mounting ($\frac{5}{16}$ " U.N.F.)	3
51.	54-55	Washer, stator mounting ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	3
52.	19-1260	Alternator rotor (Lucas 54218902)	
53.	19-1259	Alternator stator (Lucas 47209)	
54.	70-6522*	Stud, stator mounting ($\frac{5}{16}$ " U.N.F. $\times$ 3 ")	3

Plate 3—Contd.

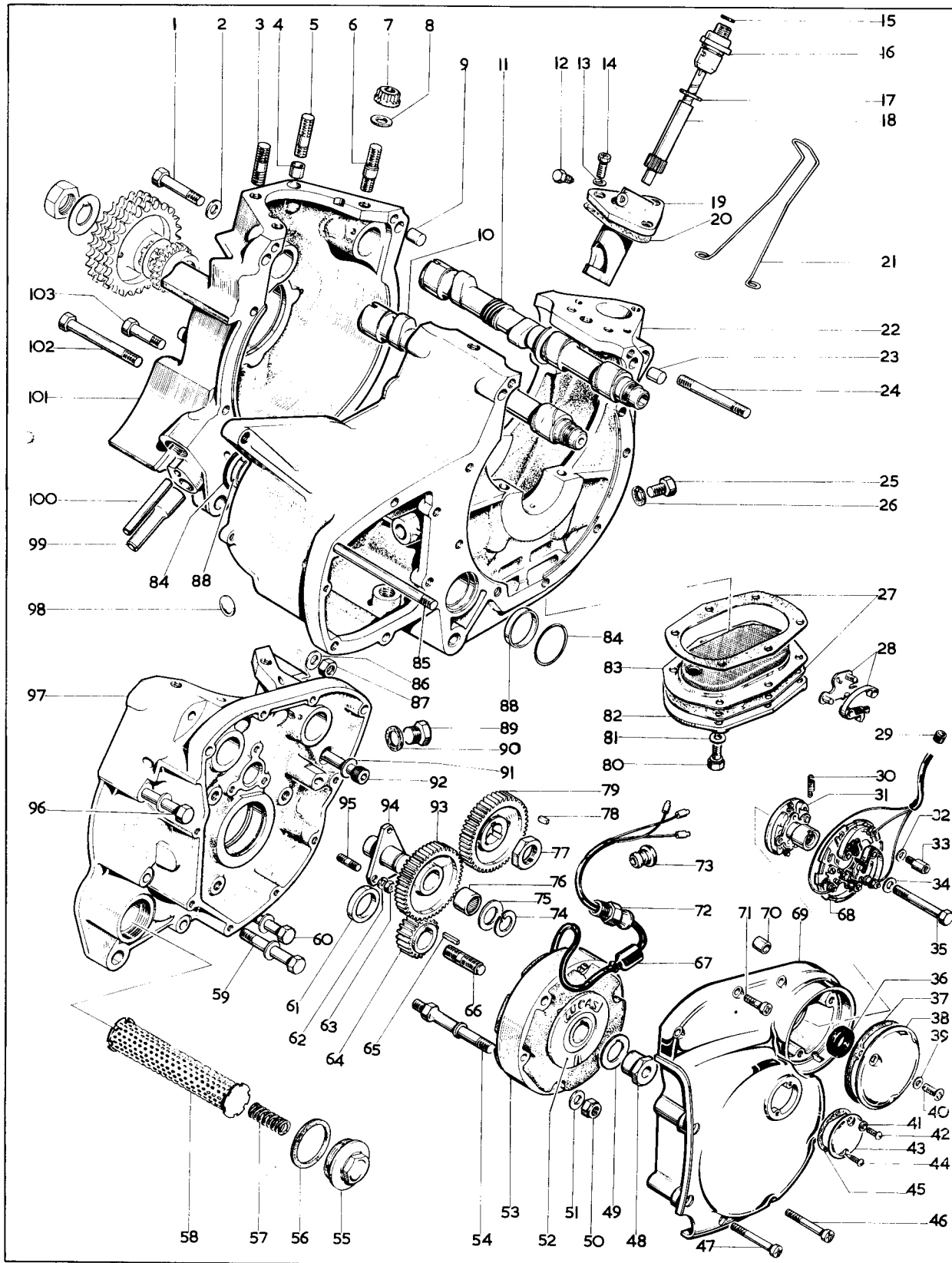


Plate 3—contd.

CRANKCASE AND TIMING GEARS

Plate Ref.	Spares Number	Description	Per Set
55.	70-6582	Cap, main oil filter	
56.	70-6131	Fibre washer, filter cap	
57.	70-6130	Spring, filter mounting	
58.	70-6571	Main oil filter (Fram CA.2818)	
59.	14-6226	Bolt, crankcase clamping ($\frac{5}{16}$ " U.N.C. $\times$ $3\frac{1}{4}$ ")	4
60.	14-6218	Bolt, crankcase clamping ($\frac{5}{16}$ " U.N.C. $\times$ $1\frac{3}{8}$ ")	
61.	70-6173	Distance piece, timing pinion	
62.	54-22	Washer, gear spindle stud nut	3
63.	14-401	Locknut, gear spindle stud ($\frac{1}{4}$ " U.N.F.)	3
64.	70-6524	Timing pinion, crankshaft	
65.	70-3974	Key, crankshaft pinion and rotor	
66.	21-548*	Stud, crankshaft ($\frac{7}{16}$ " U.N.F./U.N.F. $\times$ $1\frac{3}{8}$ ")	
67.	68-209	Grommet, for cable seal nut	
68.	19-1863	Contact breaker plate (Lucas 54419327)	
69.	70-7738	Timing gear cover	
70.	76-217	Dowel, timing cover	2
71.	14-6608	Screw, timing cover to crankcase ($\frac{1}{4}$ " U.N.C. $\times$ 1")	5
72.	70-8760	Cable sleeve nut	
73.	70-9087	Grommet, alternator leads	
74.	70-8768	Circlip, intermediate gear	
75.	70-6088	Thrust washer, intermediate gear	
76.	70-7650	Needle bearing (Torrington B.1110)	
77.	70-6523	Nut, camshaft pinion	2
78.	70-1558	Key, camshaft pinion	2
79.	70-9802	Camshaft pinion	2
80.	14-6103	Bolt, scavenge cover ($\frac{1}{4}$ " U.N.C. $\times$ $\frac{5}{8}$ ")	6
81.	54-22	Spring washer, scavenge cover bolt	6
82.	70-6580	Scavenge cover	
83.	70-6501	Scavenge cover filter	
84.	70-8779	"O" ring, filter seal	2
85.	21-1813	Stud, gearbox cover ($\frac{5}{16}$ " U.N.C./U.N.F. $\times$ $4\frac{3}{4}$ ")	2
86.	54-55	Washer, crankcase stud ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	2
87.	14-302	Nut, crankcase stud ($\frac{5}{16}$ " U.N.F.)	2
88.	70-9856	Sleeve, for filter "O" ring	2
89.	70-8755	Plug, timing aperture	
90.	70-1523	Fibre washer, for plug line 89	
91.	54-55	Washer, crankcase bolt ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	7
92.	21-678	Socket screw, crankcase clamping ($\frac{5}{16}$ " U.N.C. $\times$ $3\frac{7}{8}$ ")	
93.	70-6727	Intermediate gear complete	
94.	70-6030	Intermediate gear spindle	
95.	21-547	Stud, intermediate gear spindle ($\frac{1}{4}$ " U.N.C./U.N.F. $\times$ $\frac{7}{8}$ ")	3
96.	14-6223	Bolt, crankcase clamping ($\frac{5}{16}$ " U.N.C. $\times$ $2\frac{1}{2}$ ")	
97.	70-7737†	Crankcase, timing-side	
98.	57-1920	Blanking plug	
99.	70-6573	Oil return pipe stub	
100.	70-6574	Oil feed pipe stub	
101.	70-7733†	Crankcase, drive-side	
102.	14-6226	Bolt, crankcase clamping ($\frac{5}{16}$ " U.N.C. $\times$ $3\frac{1}{4}$ ")	5
103.	14-6218	Bolt, crankcase clamping ($\frac{5}{16}$ " U.N.C. $\times$ $1\frac{3}{8}$ ")	

*Special material: 3.—EN16R. 5.—EN8R. 6.—EN8R. 54.—EN8R. 66.—EN8R.

†Supplied only as crankcase complete, number 70-7869.

Plate 4

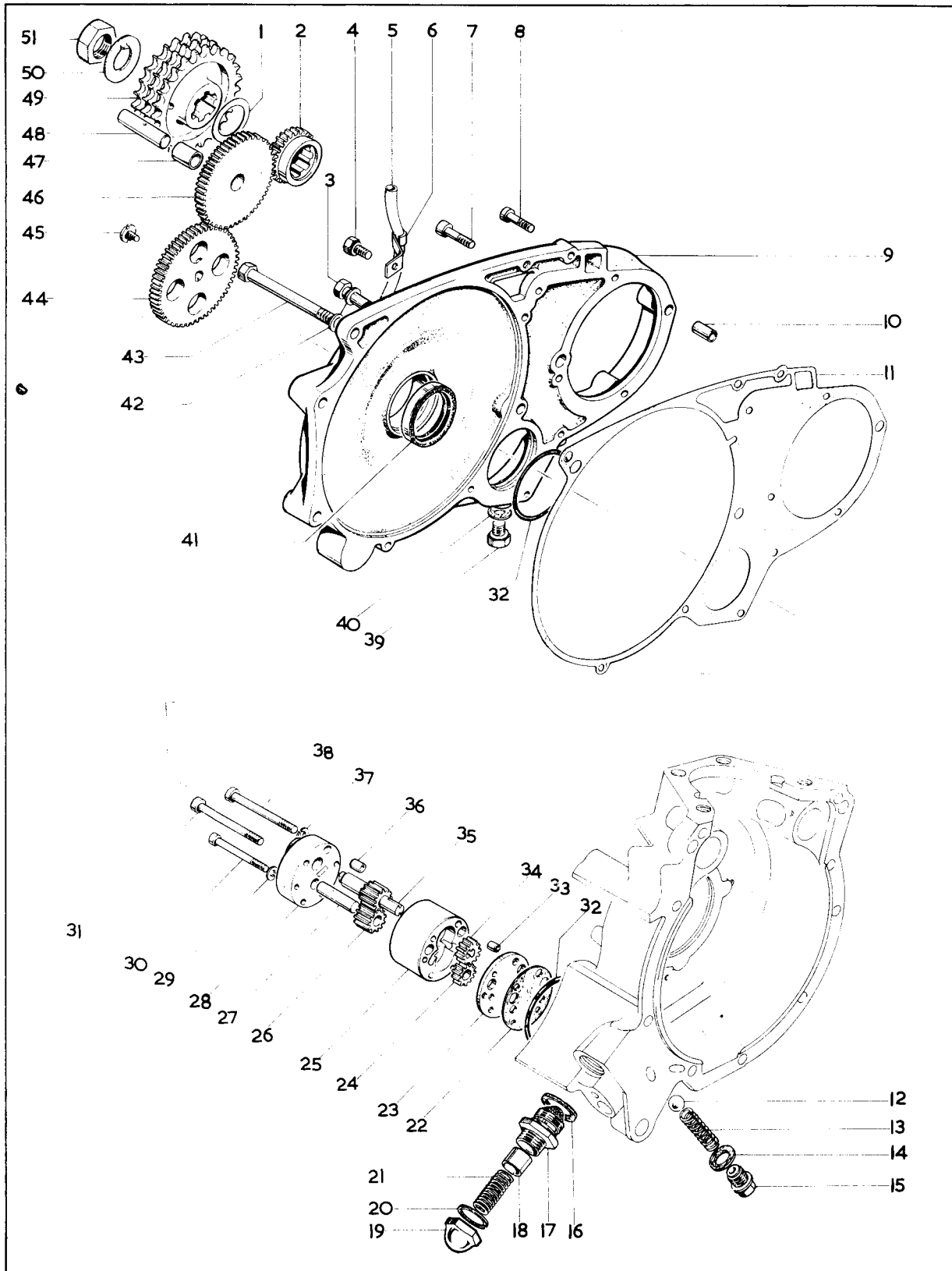


Plate 4

INNER PRIMARY COVER, OIL PUMP AND GEARS

Plate Ref.	Spares Number	Description	Per Set
1.	70-9634	Shim, engine sprocket (as required, maximum 4)	
2.	70-7248	Driving gear, oil pump	
3.	21-1820	Bolt, inner cover to crankcase ($\frac{5}{16}$ " U.N.C. $\times$ $4\frac{1}{2}$ ")	
4.	14-6101	Bolt, chain oiler clip ($\frac{1}{4}$ " U.N.C. $\times$ $\frac{1}{2}$ ")	
5.	70-8786	Chain oiler pipe	
6.	70-4705	Clip, chain oiler pipe	
7.	14-7006	Socket screw, inner cover to crankcase ($\frac{1}{4}$ " U.N.C. $\times$ 1")	7
8.	14-6606	Screw (short), inner cover to crankcase ($\frac{1}{4}$ " U.N.C. $\times$ $\frac{3}{4}$ ")	2
9.	57-3641	Inner primary cover with fixed fittings	
10.	76-217	Dowel, inner chaincase to crankcase	
11.	57-2558	Gasket, inner cover to crankcase	
12.	70-8750	Ball, oil control valve ($\frac{7}{16}$ " diameter, 11.1125 mm.)	
13.	70-6567	Spring, oil control valve	
14.	70-6742	Fibre washer, oil control valve	
15.	70-6584	Plug, oil control valve	
16.	70-1670	Fibre washer, valve body to crankcase	
17.	70-7590	Body, pressure release valve	
17.	70-6595	Oil pressure release valve complete	
18.	70-8752	Piston, pressure release valve	
19.	70-6596	Domed nut, pressure release valve	
20.	70-8754	Fibre washer, release valve nut to body	
21.	70-7591	Spring, pressure release valve	
22.	70-6503	Gasket, oil pump to crankcase	
23.	70-6502	Oil pump base plate	
24.	70-6038	Oil pump driven feed gear	
25.	70-6430	Oil pump body	
26.	70-6039	Oil pump driven scavenge gear	
27.	70-6454	Spindle, for driven gears	
28.	70-6525	Oil pump cover	
29.	70-8731	Spring washer, oil pump cover screw line 30 ($11/64$ " $\times$ 18 G.)	2
30.	21-559	Screw, oil pump cover to body (3 B.A. $\times$ 2")	2
31.	71-3	Screw, oil pump to crankcase (2 B.A. $\times$ $2\frac{1}{2}$ ")	3
32.	70-6570	Seal, oil pump to crankcase and cover	2
33.	70-1532	Dowel, oil pump to crankcase	
34.	70-6455	Oil pump feed driving gear	
35.	70-6889	Oil pump scavenge driving gear	
36.	70-6459	Dowel, oil pump cover to body	
37.	70-8732	Spring washer, oil pump screw line 31 ($13/64$ " $\times$ 16 G.)	4
38.	70-9601	Screw, oil pump to crankcase — dowel position (2 B.A. $\times$ $2\frac{3}{4}$ ")	
39.	21-536	Drain plug	
40.	70-402	Fibre washer, drain plug	
41.	57-3642	Oil seal, clutch shaft	
42.	54-55	Washer, inner cover to crankcase bolt ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	2
43.	21-1819	Bolt (long), inner cover to crankcase ($\frac{5}{16}$ " U.N.C. $\times$ $4\frac{1}{4}$ ")	
44.	70-7249	Oil pump driven gear	
45.	70-7250	Screw, driven gear to scavenge gear (2 B.A. $\times$ $\frac{3}{8}$ ")	
46.	70-7246	Intermediate gear, oil pump drive	
47.	70-6885	Bush, intermediate oil pump gear	
48.	70-6881	Intermediate gear spindle	
49.	70-6890	Engine sprocket (28 teeth)	
50.	70-8785	Lockwasher, engine sprocket	
51.	21-585	Nut, engine sprocket ($\frac{3}{4}$ " U.N.F.)	
	70-9001	Oil pump complete	

Plate 5

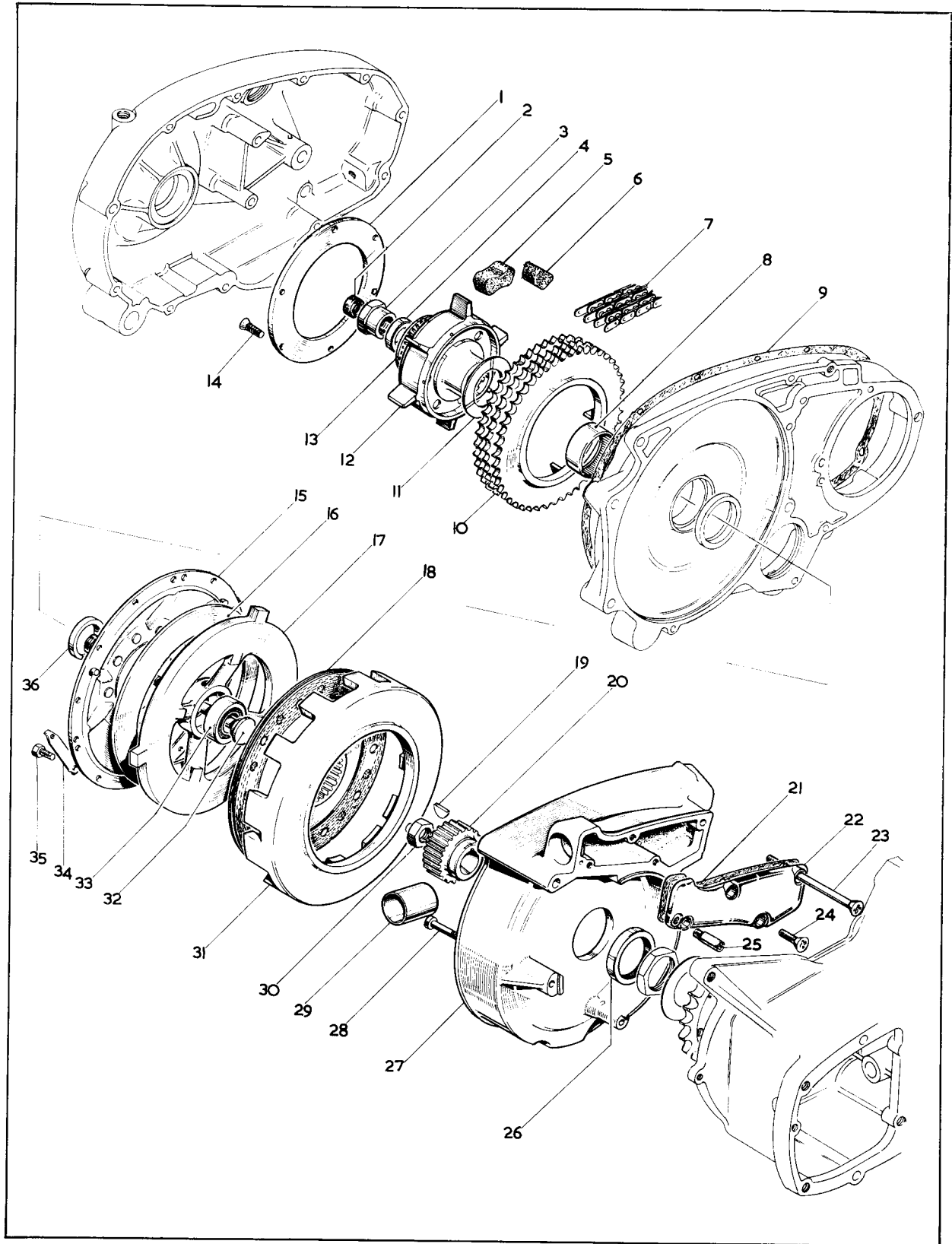


Plate 5

CLUTCH

Plate Ref.	Spares Number	Description	Per Set
1.	57-2252	Retaining plate, shock absorber	
2.	57-3644	Oil seal, clutch pull rod	
3.	57-2480	Nut, shock absorber	
4.	57-2478	Spacer, shock absorber nut	
5.	68-3282	Shock absorber rubber (drive)	6
6.	68-3282	Shock absorber rubber (rebound)	6
7.	19-8692	Primary chain (Triplex, 82 pitch)	
8.	57-3643	Needle bearing, clutch shaft (INA. SC.228)	
9.	57-2581	Gasket, inner cover to outer cover	
10.	57-2245	Clutch sprocket (50T)	
11.	57-2214	Thrust washer, clutch sprocket	
12.	57-2471	Spider, clutch shock absorber	
13.	57-3646	Thrust race, clutch shaft (Torrington NTA.2233)	
14.	40-242	Screw, shock absorber retaining plate (2 B.A. $\times$ 27/64" countersunk)	6
15.	19-7801	Clutch end cover assembly	
16.	19-7805	Clutch spring	
17.	19-7804	Clutch pressure plate complete	
18.	19-7803	Clutch friction plate	
19.	68-3218	Key, hub to mainshaft	
20.	57-2580	Clutch hub	
21.	57-2556	Gasket, breather duct	
22.	57-2555	Breather duct cover	
23.	14-6515	Screw, cover to inner chaincase ($\frac{1}{4}$ " U.N.C. $\times$ 4")	
24.	21-680	Screw, cover to clutch cover (number 10 U.N.C. $\times$ $\frac{5}{8}$ ")	3
25.	57-3756	Adaptor for oil tank breather pipe	
26.	57-3642	Oil seal, cover to mainshaft	
27.	57-2554	Clutch cover	
28.	14-6610	Screw, cover to crankcase ($\frac{1}{4}$ " U.N.C. $\times$ 1 $\frac{1}{2}$ ")	3
29.	57-2557	Tube, clutch cover	
30.	21-681	Nut, hub to mainshaft (9/16" U.N.F.)	
31.	19-7802	Clutch housing	
32.	57-2552	Clutch pull rod	
33.	19-7808	Bearing, clutch pressure plate	
34.	19-7807	Lockwasher, end cover to housing bolt	6
35.	19-7806	Bolt, end cover to housing	12
36.	57-2479	Sleeve, mainshaft oil seal	
	19-7800	Clutch assembly complete	
	19-7809	Facing pack for friction plate (3SC.76014)	
	57-3871	Shock absorber assembly	

Plate 6

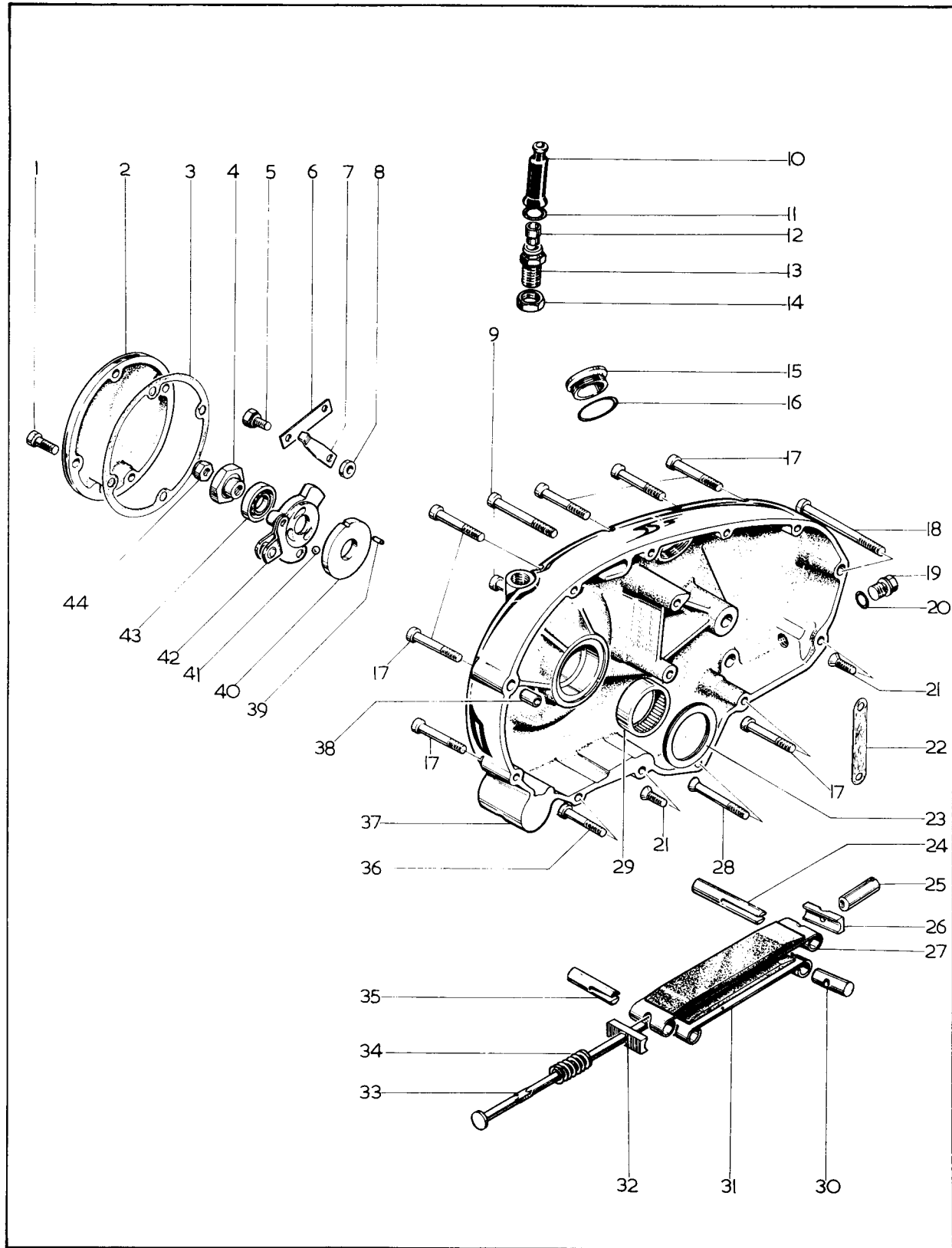


Plate 6

PRIMARY CASE OUTER COVER, CHAIN TENSIONER, CLUTCH CONTROL

Plate Ref.	Spares Number	Description	Per Set
1.	14-6605	Screw, inspection cover ($\frac{1}{4}$ " U.N.C. $\times \frac{5}{8}$ ")	4
2.	57-2551	Inspection cover	
3.	57-3639	Inspection cover gasket	
4.	57-2553	Sleeve nut ($\frac{5}{16}$ " U.N.F.)	
5.	14-6102	Bolt, clutch thrust plate spring ($\frac{1}{4}$ " U.N.C. $\times \frac{5}{8}$ ")	2
6.	57-2474	Tab washer, for bolt line 5	
7.	57-2473	Spring, clutch thrust plate	2
8.	57-3638	Distance piece, clutch thrust plate spring	2
9.	14-6613	Screw, primary outer cover ($\frac{1}{4}$ " U.N.C. $\times 2\frac{1}{4}$ ")	2
10.	68-3264	Clutch cable grommet	
11.	57-3733	Sealing ring, clutch cable	
12.	57-1645	Adaptor, clutch cable	
13.	57-2220	Abutment for clutch cable	
14.	21-567	Locknut for abutment ($\frac{1}{2}$ " U.N.C.)	
15.	57-2166	Oil filler plug	
16.	70-8782	"O" ring for filler plug	
17.	14-6611	Screw, primary outer cover ($\frac{1}{4}$ " U.N.C. $\times 1\frac{3}{4}$ ")	7
18.	14-6615	Screw, primary outer cover ($\frac{1}{4}$ " U.N.C. $\times 3$ ")	
19.	57-3619	Plug, tensioner hole	
20.	57-3620	"O" ring for tensioner hole plug	
21.	14-6504	Screw, primary outer cover ($\frac{1}{4}$ " U.N.C. $\times \frac{3}{4}$ " countersunk head)	2
22.	57-2244	Inner gasket, primary outer cover	
23.	57-2215	Thrust washer, primary outer cover	
24.	57-3614	Pivot pin, chain tensioner	
25.	57-3617	Adjuster, chain tensioner	
26.	70-9258	Saddle washer, adjuster end	
27.	57-3610	Chain tensioner blade (upper)	
28.	14-6510	Screw, primary outer cover ($\frac{1}{4}$ " U.N.C. $\times 2$ " countersunk head)	
29.	57-3643	Needle bearing (INA. SC.228)	
30.	70-5977	Trunnion, lower tensioner blade	2
31.	70-6061	Chain tensioner blade (lower)	
32.	70-9257	Saddle washer, chain tensioner (rear)	
33.	57-3615	Tie rod, chain tensioner	
34.	57-3618	Spring, chain tensioner	
35.	70-9256	Trunnion, chain tensioner	
36.	14-6610	Screw, primary outer cover ($\frac{1}{4}$ " U.N.C. $\times 1\frac{1}{2}$ ")	
37.	57-3645	Primary outer cover assembly	
38.	76-217	Dowel, outer to inner chaincase	2
39.	57-912	Peg, clutch thrust plate	
40.	57-2465	Clutch thrust plate	
41.	1-4675	Steel ball ($\frac{1}{4}$ " diameter, 6.35 mm.)	3
42.	57-2547	Clutch lever	
43.	57-3647	Bearing, clutch lever (Hoffman S5)	
44.	14-402	Locknut ($\frac{5}{16}$ " U.N.F.)	

Plate 7

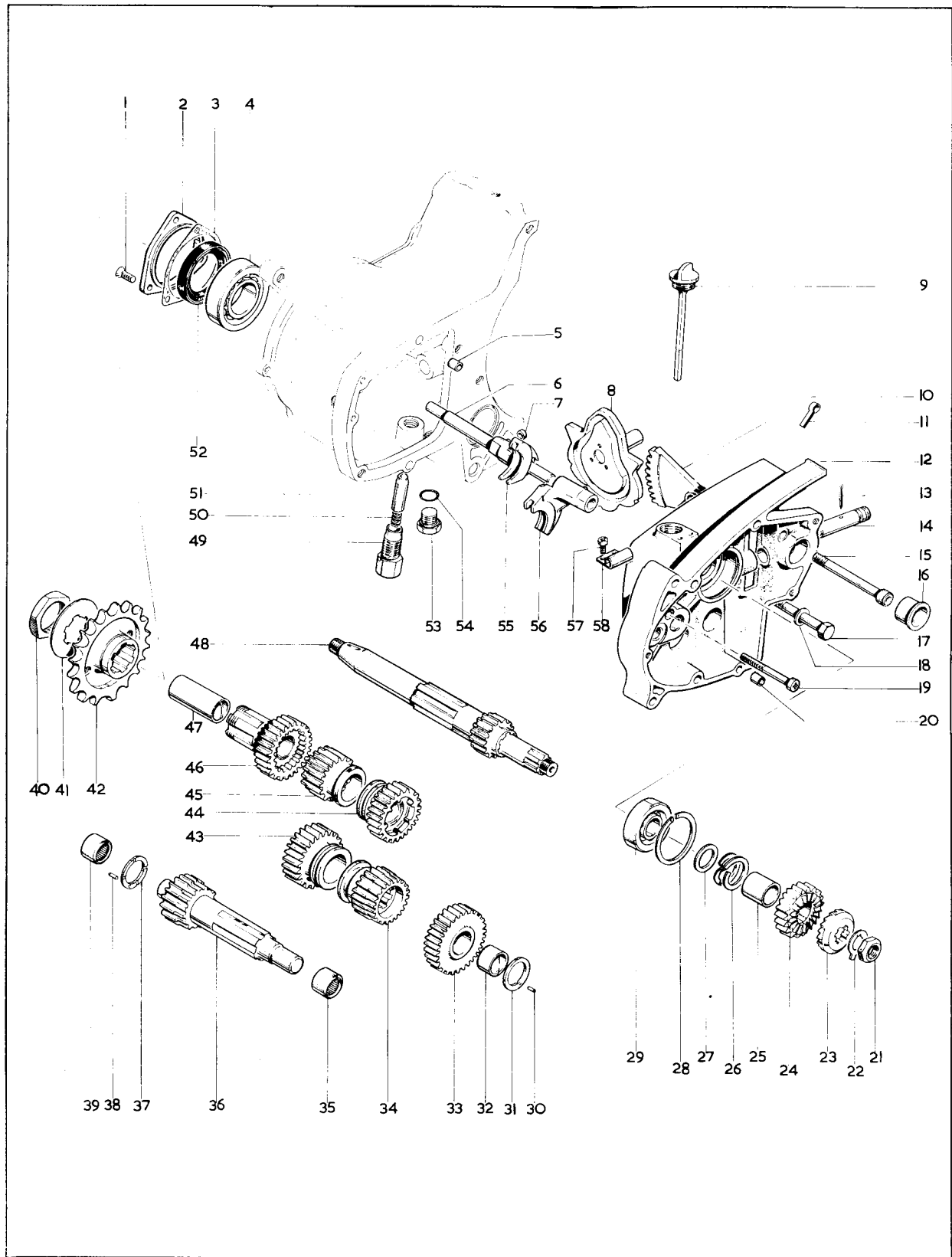


Plate 7

GEARBOX

Plate Ref.	Spares Number	Description	Per Set
1.	21-1811	Screw, housing to gearbox ($\frac{1}{4}$ " U.N.F. countersunk head)	3
2.	57-3633	Oil seal housing assembly, gearbox mainshaft	
3.	57-2165	Gasket, housing to gearbox	
4.	57-448	Bearing, gearbox mainshaft (Hoffman N.1443)	
5.	76-217	Dowel, gearbox inner cover	2
6.	57-291	Selector fork spindle	
7.	57-2595	Cam plate roller	2
8.	57-3650	Cam plate assembly	
9.	57-2656	Gearbox dipstick	
10.	57-397	Gear selector quadrant	
11.	40-9190	Alternator cable clip	
12.	57-2601	Gearbox inner cover	
13.	60-1928	Split pin, quadrant spindle ($\frac{5}{64}$ " $\times$ $1\frac{3}{8}$ ")	2
14.	57-1896	Spindle, selector quadrant	
15.	14-7101	Socket screw, inner cover to crankcase ($\frac{5}{16}$ " U.N.C. $\times$ $3\frac{1}{4}$ ")	
16.	57-412	Bush, footchange spindle	
17.	14-6121	Bolt, inner cover to crankcase ($\frac{5}{16}$ " U.N.C. $\times$ $2\frac{1}{2}$ ")	
18.	75-176	Washer, for bolt line 17	
19.	14-6614	Screw, inner cover to crankcase ($\frac{1}{4}$ " U.N.C. $\times$ $2\frac{1}{2}$ ")	2
20.	76-217	Dowel, inner cover to outer cover	2
21.	21-594	Nut, mainshaft timing-side ($9/16$ " U.N.F.)	
22.	57-732	Lockwasher, mainshaft nut	
23.	57-731	Kickstart ratchet	
24.	57-2170	Kickstart ratchet pinion	
25.	57-1963	Bush, kickstart ratchet pinion	
26.	57-1250	Spring, kickstart ratchet	
27.	57-1962	Washer, kickstart pinion sleeve	
28.	42-5821	Circlip, mainshaft bearing	
29.	57-3621	Bearing, mainshaft inner cover (Hoffman LS.8)	
30.	57-912	Peg, thrust washer	
31.	57-1607	Layshaft thrust washer	
32.	57-928	Bush, layshaft low gear	
33.	57-3862	Layshaft low gear complete	
34.	57-3860	Layshaft third gear	
35.	57-1614	Layshaft needle bearing, inner cover (Torrington B.1112)	
36.	57-3864	Layshaft with high gear	
37.	57-1607	Layshaft thrust washer	
38.	57-912	Peg, thrust washer (drive-side)	
39.	57-1606	Layshaft needle bearing (Torrington 11121)	
40.	21-542	Nut, gearbox final drive sprocket ($1\frac{1}{4}$ " U.N.F.)	
41.	57-2116	Lockwasher, sprocket nut ($2\frac{1}{8}$ " $\times$ 22 G.)	
42.	57-1918	Gearbox final drive sprocket (19 teeth)	
43.	57-3861	Layshaft second gear	
44.	57-3858	Mainshaft third gear	
45.	57-3857	Mainshaft second gear	
46.	57-2176	Mainshaft high gear complete	
47.	57-3785	Bush, mainshaft high gear	
48.	57-2174	Mainshaft with low gear	
49.	57-2172	Bush, cam plate plunger	
50.	57-3661	Spring, cam plate plunger	
51.	57-3660	Cam plate plunger	
52.	57-3634	Oil seal, gearbox mainshaft final drive	
53.	21-1857	Gearbox drain plug	
54.	68-3168	"O" ring, drain plug	
55.	57-2596	Mainshaft selector fork	
56.	57-913	Layshaft selector fork	
57.	21-1862	"Taptite" screw, cable clip (number 6 U.N.C.)	2
58.	70-9327	Cable clip	

Plate 8

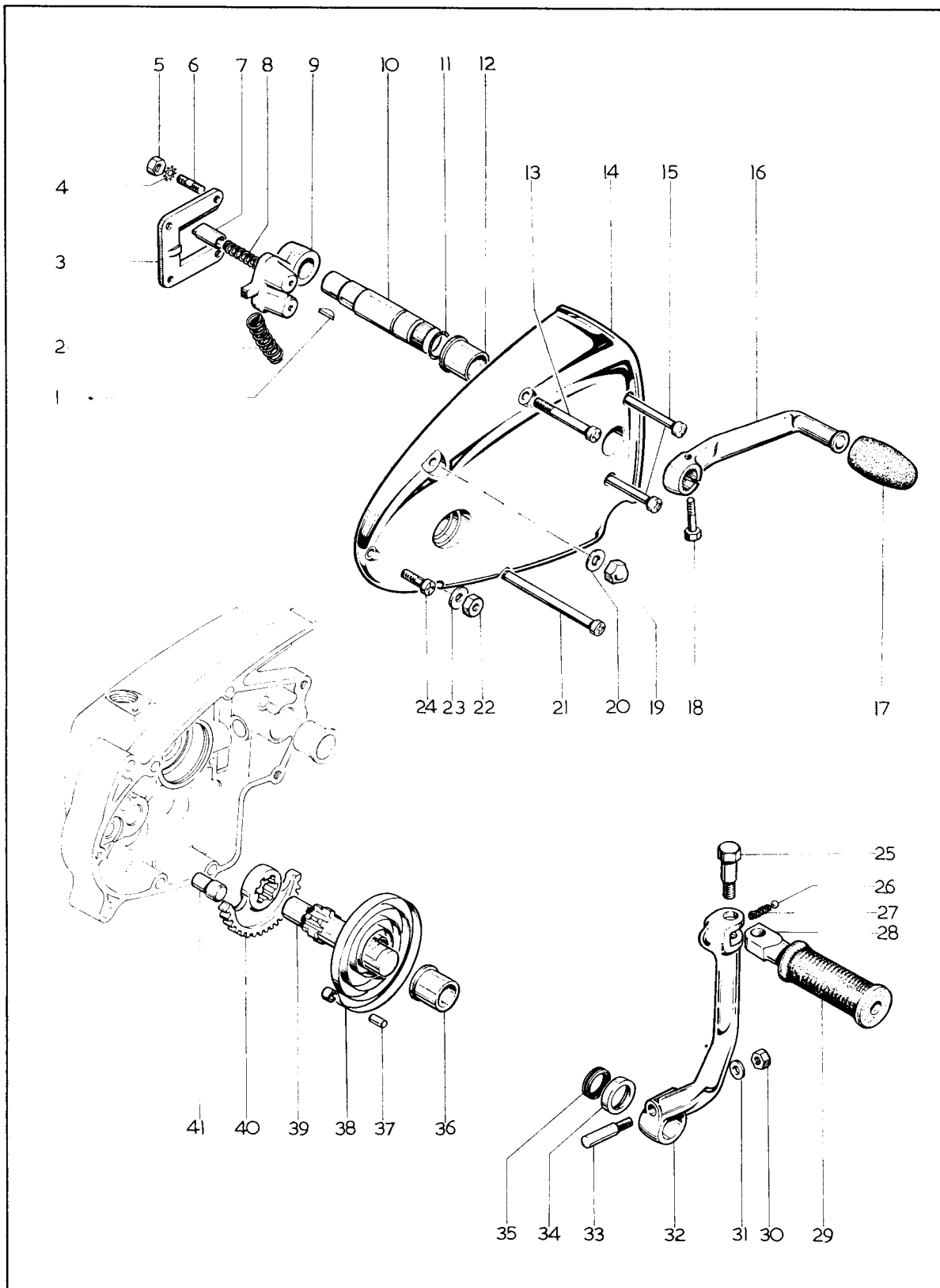


Plate 8

GEARBOX COVER, GEARCHANGE AND KICKSTART CRANK

Plate Ref.	Spares Number	Description	Per Set
1.	71-37	Key, quadrant to spindle	
2.	57-404	Return spring, footchange pedal	2
3.	57-407	Gear control guide plate	
4.	29-541	Lockwasher, gear control guide plate ($17/64" \times 15/32" \times .024"$)	4
5.	14-301	Nut, gear control guide plate ($1/4"$ U.N.F.)	4
6.	21-547	Stud, gear control guide plate ($1/4"$ U.N.C./U.N.F. $\times 7/8"$)	4
7.	57-406	Plunger, footchange quadrant	2
8.	57-405	Spring, footchange quadrant	2
9.	57-409	Footchange plunger quadrant	
10.	57-3758	Footchange pedal spindle	
11.	40-323	Oil seal ring, footchange	
12.	57-3759	Bush, footchange shaft	
13.	14-6613	Screw, outer to inner cover ($1/4"$ U.N.C. $\times 2 1/4"$)	
14.	57-2603	Gearbox outer cover	
15.	14-6615	Screw, outer to inner cover ($1/4"$ U.N.C. $\times 3"$)	2
16.	57-3757	Footchange pedal	
17.	89-3208	Footchange pedal rubber	
18.	14-201	Footchange pedal bolt	
19.	21-544	Domed nut, outer cover stud — top ($5/16"$ U.N.F.)	
20.	54-55	Washer for domed nut ($5/16" \times 5/8" \times 1/16"$)	
21.	21-1860	Screw, outer cover to crankcase ($1/4"$ U.N.C. $\times 5 3/8"$)	
22.	14-302	Nut, bottom cover stud ($5/16"$ U.N.F.)	
23.	54-55	Washer for nut line 22 ($5/16" \times 5/8" \times 1/16"$)	
24.	14-6608	Screw, outer to inner cover ($1/4"$ U.N.C. $\times 1"$)	
25.	21-541	Bolt, kickstart pedal pivot ($5/16"$ U.N.F. $\times 1-5/32"$)	
26.	1-4675	Ball, kickstart folding pedal ($1/4"$ diameter)	
27.	40-3085	Spring, kickstart folding pedal	
28.	57-1272	Kickstart crank folding pedal	
29.	57-2330	Kickstart pedal rubber	
30.	75-53	Nut, kickstart crank cotter	
31.	68-331	Washer, kickstart crank cotter ($1/4" \times 1/2" \times 1/16"$)	
32.	57-2653	Kickstart crank only	
32.	57-3721	Kickstart crank assembly complete	
33.	75-3143	Cotter, kickstart crank	
34.	57-1955	Oil seal housing, kickstart crank	
35.	57-1956	Oil seal, kickstart crank	
36.	57-23	Bush, kickstart shaft	
37.	57-47	Anchor pin, kickstart return spring	
38.	57-31	Return spring, kickstart	
39.	57-24	Kickstart shaft	
40.	57-2169	Kickstart quadrant	
40.	57-3732	Kickstart quadrant and spindle assembly	
41.	57-3727	Kickstart quadrant stop	

Plate 9

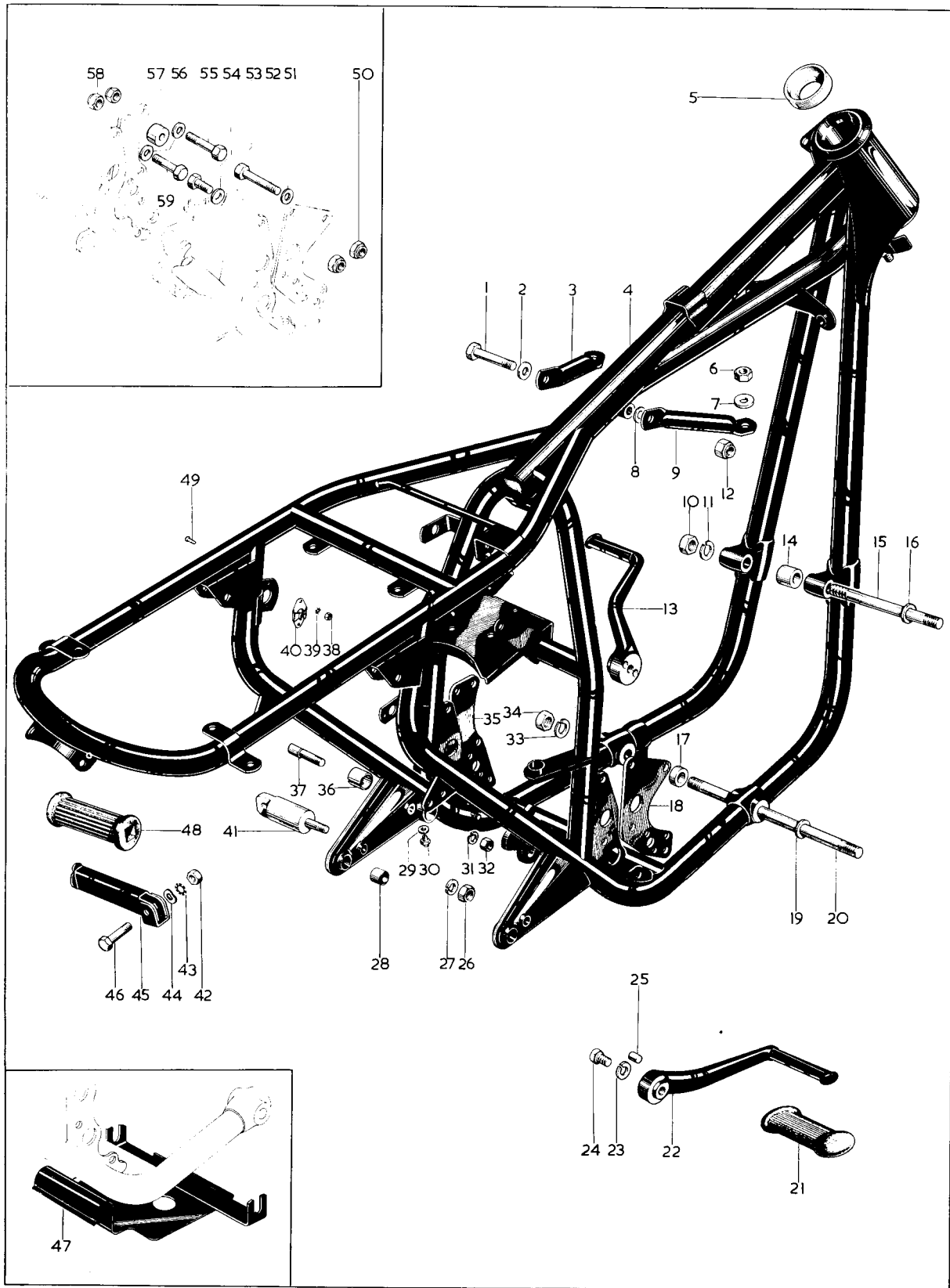


Plate 9

FRAME

Plate Ref.	Spares Number	Description	Per Set
1.	14-237	Bolt, steady stay to frame ($\frac{3}{8}$ " U.N.F. $\times$ 2 $\frac{1}{2}$ ")	
2.	2-2138	Washer, steady stay to frame ($\frac{3}{8}$ " $\times$ $\frac{3}{4}$ " $\times$ $\frac{1}{16}$ ")	
3.	82-9378	Steady stay (left-hand)	
4.	82-9773	Frame complete	
5.	97-111	Steering head cup	2
6.	14-403	Nut, steady stay to cylinder head ($\frac{3}{8}$ " U.N.F.)	2
7.	2-2138	Washer, steady stay to cylinder head ($\frac{3}{8}$ " $\times$ $\frac{3}{4}$ " $\times$ $\frac{1}{16}$ ")	2
8.	42-4094	Spacer, steady stay to frame (first sets only)	
9.	82-9379	Steady stay (right-hand)	
10.	14-304	Nut, front engine bolt ($\frac{7}{16}$ " U.N.F.)	2
11.	2-1967	Spring washer, front engine bolt ($\frac{7}{16}$ " $\times$ $\frac{7}{8}$ " $\times$ 16 G.)	2
12.	14-903	Nut, steady stay to frame ($\frac{3}{8}$ " U.N.F.)	
13.	82-9625	Footrest (left-hand)	
14.	82-8508	Spacer, front engine bolt	
15.	21-779*	Front engine stud ($\frac{7}{16}$ " U.N.F./U.N.F. $\times$ 7")	
16.	15-431	Washer, front engine bolt ($\frac{7}{16}$ " $\times$ $\frac{3}{4}$ " $\times$ $\frac{1}{16}$ ")	2
17.	82-8510	Spacer, bottom engine bolt	
18.	82-9642	Engine plate (right-hand)	
19.	15-431	Washer, bottom engine bolt ($\frac{7}{16}$ " $\times$ $\frac{3}{4}$ " $\times$ $\frac{1}{16}$ ")	2
20.	21-780*	Bottom engine stud ($\frac{7}{16}$ " U.N.F./U.N.F. $\times$ 11 $\frac{1}{8}$ ")	
21.	40-4850	Footrest rubber (right-hand)	
21.	82-9686	Footrest rubber (left-hand)	
22.	82-9624	Footrest (right-hand)	
23.	3-107	Spring washer, for screw line 24 (17/32" $\times$ 49/64" $\times$ 11 G.)	2
24.	14-145	Footrest set-screw ($\frac{1}{2}$ " U.N.F. $\times$ 1")	2
25.	82-5943	Footrest peg	4
26.	14-303	Nut, pillion footrest anchor bolt ($\frac{3}{8}$ " U.N.F.)	2
27.	2-522	Spring washer, anchor bolt ($\frac{3}{8}$ " $\times$ $\frac{3}{4}$ " $\times$ 17 G.)	2
28.	82-9652	Silentbloc, silencer mounting	2
29.	54-4302	Fibre washer, for grease nipple line 30	
30.	47-9012	Grease nipple, brake pedal	
31.	24-8784	Spring washer, stop peg	
32.	14-302	Nut, stop peg ($\frac{5}{16}$ " U.N.F.)	
33.	2-1967	Spring washer, bottom engine bolt ($\frac{7}{16}$ " $\times$ $\frac{7}{8}$ " $\times$ 16 G.)	2
34.	14-304	Nut, bottom engine bolt ($\frac{7}{16}$ " U.N.F.)	2
35.	82-9641	Engine plate (left-hand)	
36.	82-8918	Brake pedal bush	
37.	82-8513	Brake pedal stop peg	
38.	42-8034	Nut for "Oddie" clip	6
39.	42-5099	Lockwasher for "Oddie" clip	6
40.	68-9115	"Oddie" clip, sidecover	3
41.	82-9653	Anchor bolt, pillion footrest	2
42.	14-402	Nut, swivel bolt ($\frac{5}{16}$ " U.N.F.)	2
43.	36-382	Lockwasher, swivel bolt	2
44.	4-2276	Washer, pillion footrest	2
45.	68-4835	Pillion footrest complete	2
46.	21-756*	Swivel bolt, pillion footrest ($\frac{5}{16}$ " U.N.F. $\times$ 1")	2
47.	82-9684	Engine shield	
48.	29-7583	Pillion footrest rubber	2
49.	65-8317	Screw for "Oddie" clip ($\frac{1}{8}$ " $\times$ $\frac{1}{2}$ ")	6
50.	14-1302	Nut, rear engine plate bolt ($\frac{5}{16}$ " U.N.F.)	5
51.	2-923	Washer, rear engine plate bolt ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	5
52.	14-221	Bolt, engine to right-hand engine plate ($\frac{5}{16}$ " U.N.F. $\times$ 2")	2
53.	2-923	Washer, rear engine plate bolt ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	5
54.	14-115	Bolt, right-hand engine plate to frame ($\frac{5}{16}$ " U.N.F. $\times$ $\frac{7}{8}$ ")	3
55.	14-220	Bolt, engine to left-hand engine plate ($\frac{5}{16}$ " U.N.F. $\times$ 1 $\frac{3}{4}$ ")	2
56.	2-923	Washer, rear engine plate bolt ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	10
57.	82-8509	Spacer, rear engine plate (left-hand)	3
58.	14-1302	Nut, rear engine plate bolt ($\frac{5}{16}$ " U.N.F.)	5
59.	14-218	Bolt, left-hand engine plate to frame ($\frac{5}{16}$ " U.N.F. $\times$ 1 $\frac{3}{8}$ ")	3

*Special material: 15.—EN16T. 20.—EN16T. 46.—EN14B.

Plate 10

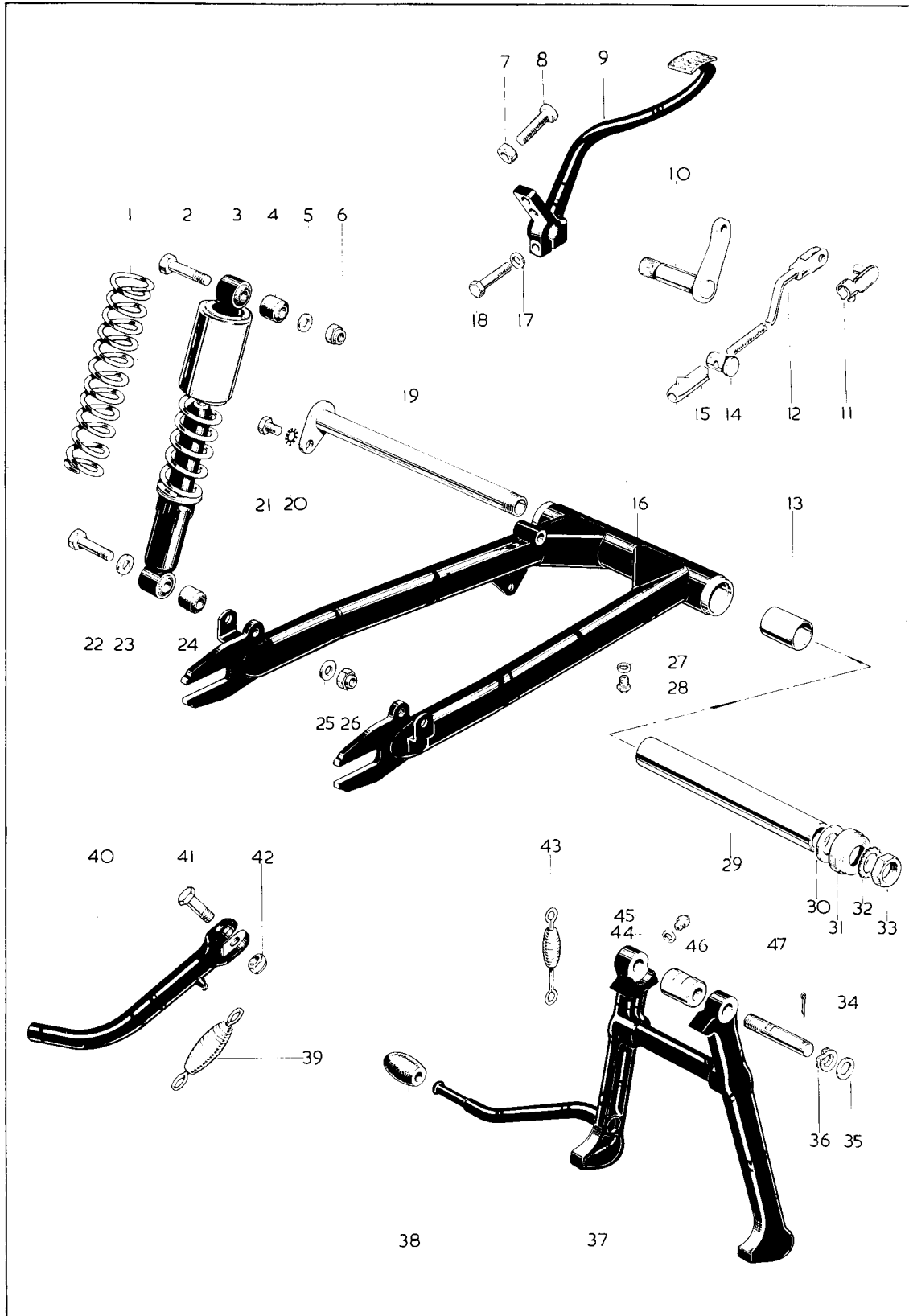


Plate 10

SWINGING ARM, CENTRE STAND, PROP STAND

Plate Ref.	Spares Number	Description	Per Set
1.	19-7447	Damper spring (solo) — Girling 64544120	2
2.	14-235	Top bolt, damper mounting ($\frac{3}{8}$ " U.N.F. $\times$ 2")	2
3.	19-7446	Rear damper complete (solo) — Girling 64052105	2
4.	19-5305	Top bush, rear damper — Girling 64533645	2
5.	70-8770	Washer, top damper mounting bolt	2
6.	14-1303	Nut, Top damper mounting bolt ($\frac{3}{8}$ " U.N.F.)	2
7.	14-401	Locknut, brake pedal stop ($\frac{1}{4}$ " U.N.F.)	2
8.	14-106	Screw, brake pedal stop ($\frac{1}{4}$ " U.N.F. $\times$ $1\frac{1}{4}$ ")	2
9.	82-9637	Rear brake pedal	
10.	82-9665	Brake operating shaft	
11.	68-7061	Spring pin, brake rod	
12.	82-9667	Rear brake rod	
13.	82-8475	Bush, swinging arm	2
14.	37-1467	Pivot pin, brake rod	
15.	82-7387	Adjuster nut, brake rod ($\frac{1}{4}$ " U.N.F.)	
16.	82-9963	Swinging arm with bushes	
17.	15-5155	Washer, for bolt line 18	
18.	14-217	Pinch bolt, brake pedal ($\frac{5}{16}$ " U.N.F. $\times$ $1\frac{1}{4}$ ")	
19.	82-8468	Spindle, swinging arm	
20.	36-382	Lockwasher, swinging arm spindle lock plate bolt ($\frac{5}{16}$ "	
21.	14-113	Bolt, swinging arm spindle lock plate ($\frac{5}{16}$ " U.N.F. $\times$ $\frac{5}{8}$ ")	
22.	14-235	Bolt, rear damper bottom mounting ($\frac{3}{8}$ " U.N.F. $\times$ 2")	2
23.	54-4307	Washer, rear damper bottom mounting	2
24.	19-5305	Bottom bush, rear damper — Girling 64533645	2
25.	2-2138	Washer, rear damper bottom mounting	2
26.	14-1303	Nut, rear damper bottom mounting ($\frac{3}{8}$ " U.N.F.)	2
27.	54-4302	Washer, for grease nipple line 28	
28.	47-9012	Grease nipple, swinging arm	
29.	82-8476	Spacer tube, swinging arm spindle	
30.	82-8478	Thrust bearing, swinging arm	2
31.	82-8477	Dust cap, swinging arm spindle	2
32.	42-4364	Lockwasher, swinging arm spindle nut	
33.	21-755	Nut, swinging arm spindle ($\frac{13}{16}$ " U.N.F.)	
34.	60-2683	Split pin, centre stand pivot ($\frac{1}{16}$ " $\times$ $\frac{3}{8}$ ")	2
35.	15-39	Washer, centre stand pivot ($\frac{1}{2}$ " $\times$ $\frac{27}{32}$ " $\times$ $\frac{1}{16}$ ")	2
36.	3-1346	Spring washer, centre stand pivot ($\frac{17}{32}$ " $\times$ $\frac{7}{8}$ " $\times$ 19 G.)	2
37.	82-8413	Centre stand	
38.	89-3208	Pedal rubber, centre stand	
39.	65-4742	Return spring, prop stand	
40.	82-8660	Prop stand leg	
41.	21-769	Bolt, prop stand pivot ($\frac{7}{16}$ " U.N.F. $\times$ $1\frac{5}{16}$ ")	
42.	14-404	Locknut, prop stand pivot bolt ($\frac{7}{16}$ " U.N.F.)	
43.	68-4708	Return spring, centre stand	
44.	54-4302	Washer, for grease nipple line 45	2
45.	47-9012	Grease nipple, centre stand	2
46.	82-8582	Coupling, centre stand pivot	
47.	82-8581	Pivot bar, centre stand	2

Plate 11

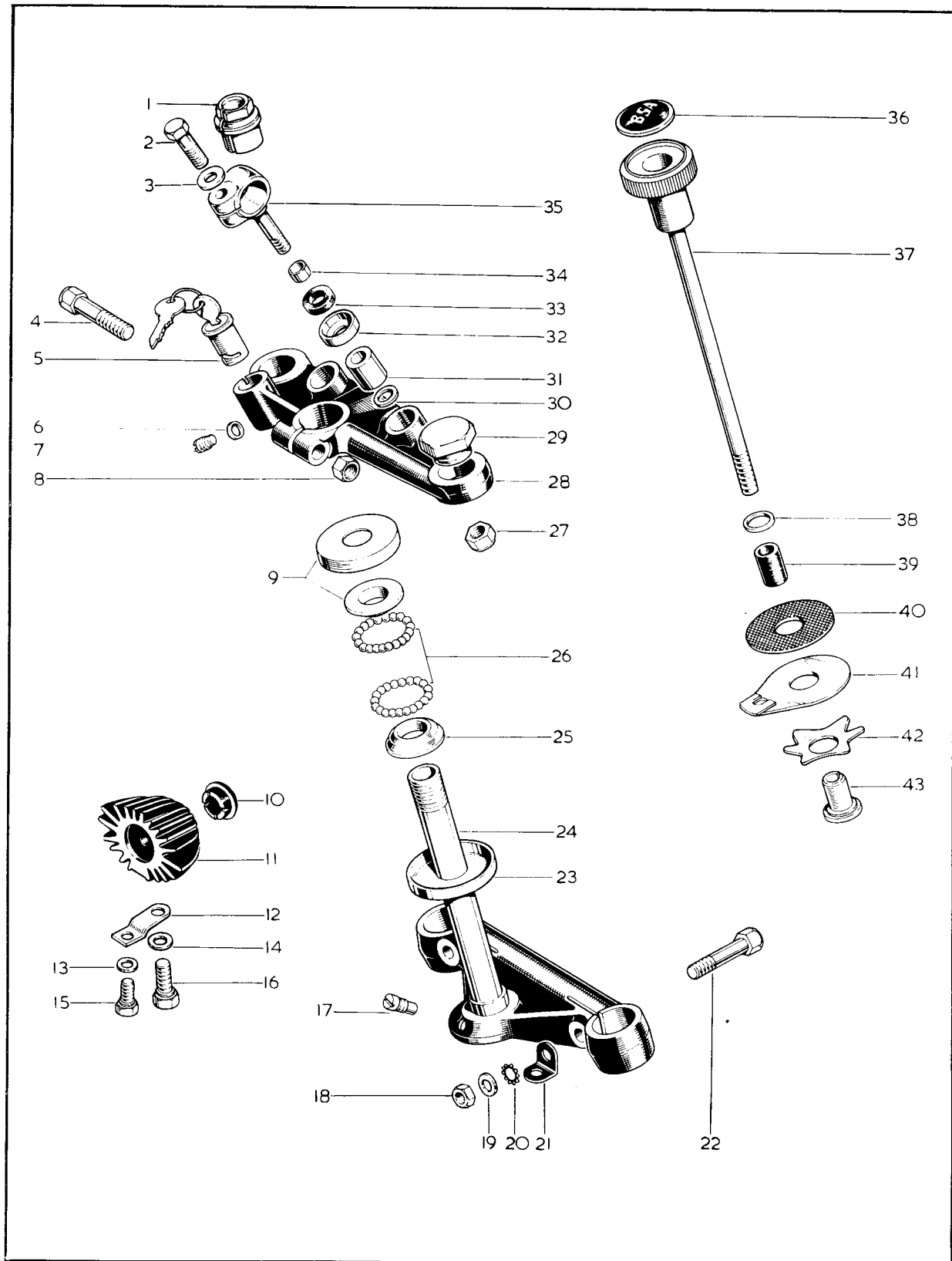


Plate 11

STEERING HEAD

Plate Ref.	Spares Number	Description	Per Set
1.	97-2108	Sleeve nut, steering column (1" U.N.F.)	
2.	21-589	Bolt, handlebar clamp ($\frac{5}{16}$ " U.N.F. $\times$ 1 $\frac{1}{8}$ ")	2
3.	82-1335	Washer, handlebar clamp (21/64" $\times$ 17/32" $\times$ 1/8")	2
4.	21-684*	Bolt, top yoke pinch ($\frac{3}{8}$ " U.N.F. $\times$ 1 $\frac{5}{8}$ ")	
5.	68-5050	Lock and key, steering	
6.	97-2266	Sealing washer	
7.	21-578	Grub screw, steering lock	
8.	21-685	Nut, pinch bolt ($\frac{3}{8}$ " U.N.F.)	
9.	97-1018	Top cone with dust cap	
10.	97-2275	Heat sink plug	
11.	97-2237	Diode heat sink	
12.	97-2236	Heat sink bracket	
13.	54-8003	Washer, bracket to fork leg bolt	
14.	54-22	Washer, bracket bolt	
15.	14-113	Bolt, bracket to fork leg ($\frac{5}{16}$ " U.N.F. $\times$ 5/8")	
16.	14-6102	Bolt, bracket to heat sink (1/4" U.N.C. $\times$ 5/8")	
17.	97-2107	Pin, damper adjusting sleeve	
18.	14-1303	Nut, bottom yoke pinch bolt ($\frac{3}{8}$ " U.N.F.)	2
19.	54-4307	Washer, pinch bolt	2
20.	82-8245	Lockwasher, cable guide bracket	2
21.	97-3682	Cable guide bracket	2
22.	97-2290	Pinch bolt, bottom yoke ($\frac{3}{8}$ " U.N.F. $\times$ 2 $\frac{1}{4}$ ")	2
23.	97-2622	Dust cover, bottom cone	
24.	97-2621	Bottom yoke	
25.	97-439	Bottom cone	
26.	1-4675	Steering head ball (1/4" diameter)	40
27.	14-1903	Nut, handlebar clamp (Nyloc $\frac{3}{8}$ " U.N.F.)	2
28.	97-2293	Top yoke	
29.	97-2245	Top cap nut, main stanchion	2
30.	97-1529	Washer, handlebar clamp (25/64" $\times$ 7/8" $\times$ 3/32")	4
31.	97-1527	Bush, handlebar clamp	2
32.	97-2221	Cup, handlebar mounting	2
33.	97-1580	Rubber, handlebar mounting	2
34.	97-1581	Distance piece, handlebar mounting	2
35.	97-2291*	Handlebar clamp	2
36.	68-8166	Badge, damper knob	
37.	97-3602	Damper rod complete	
38.	97-565	Abutment washer	
39.	97-1618	Rubber bush	
40.	97-435	Damper friction disc	
41.	97-1797	Damper anchor plate	
42.	97-95	Damper spring plate	
43.	97-3601	Damper adjusting sleeve	

*Special material: 4.—EN8R. 35.—EN16.

Plate 12

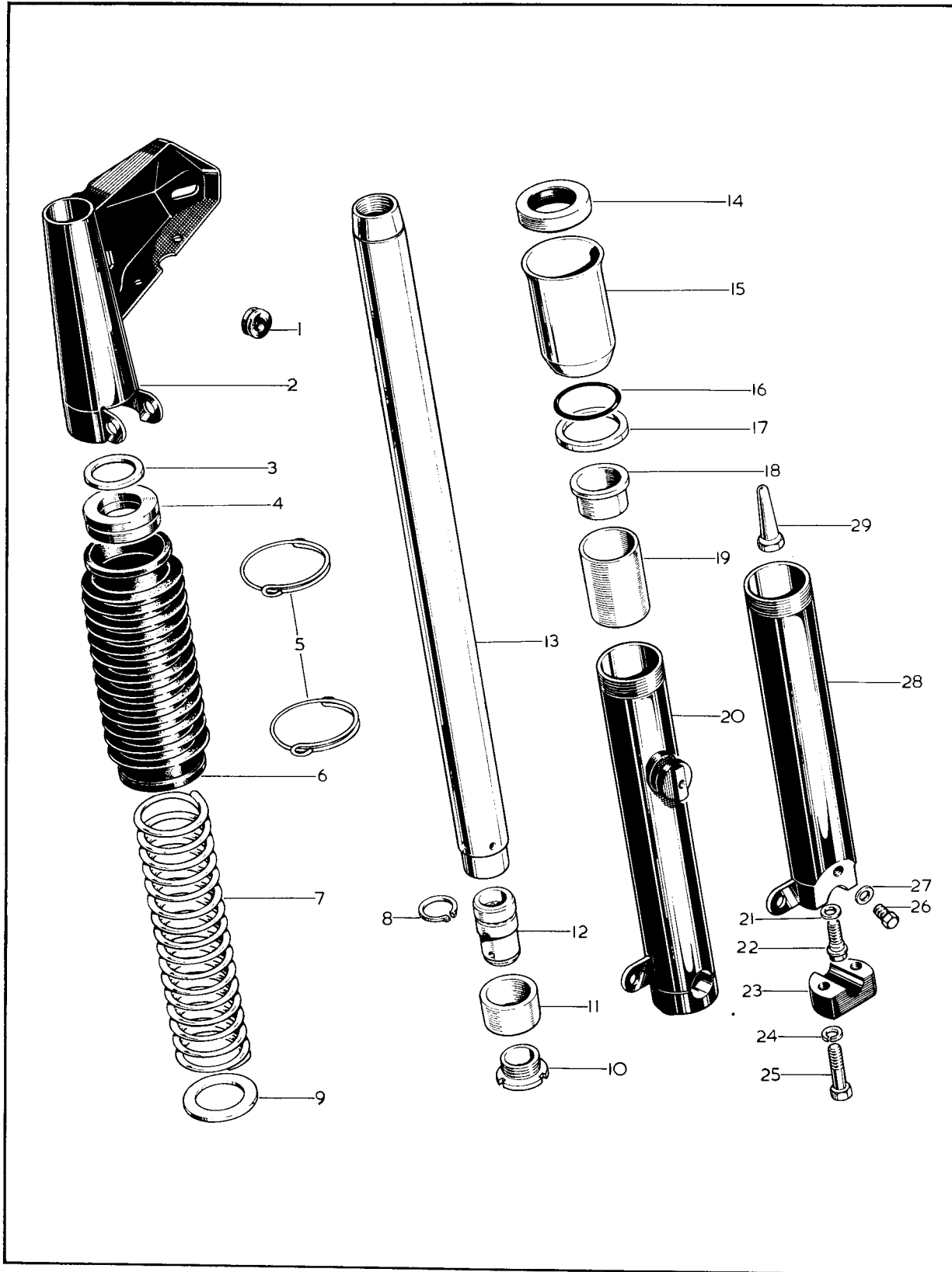


Plate 12

FRONT FORKS

Plate Ref.	Spares Number	Description	Per Set
1.	97-1971	Cable grommet, headlamp bracket	4
2.	97-2300	Outer cover (left-hand)	
2.	97-2301	Outer cover (right-hand)	
3.	75-5109	Cork washer	2
4.	97-1657	Spring abutment (top)	2
5.	75-5119	Gaiter clip	4
6.	97-3635	Fork rubber gaiter	2
7.	97-1892	Main spring	2
8.	97-2127	Circlip, shuttle	2
9.	75-5096	Spring support (lower)	2
10.	97-2091	Nut, hydraulic stop ($1\frac{1}{16}$ " U.N.F.)	2
11.	75-5104	Lower bush	2
12.	97-2154	Shuttle, damping	2
13.	97-2092	Stanchion	2
14.	75-5099	Oil seal	2
15.	97-3633	Lower cover tube	2
16.	75-5199	"O" ring, sleeve	2
17.	75-5088	Outer retaining washer	2
18.	75-5105	Upper bush	2
19.	75-5091	Inner sleeve	2
20.	97-2294	Outer member (left-hand)	
21.	40-5069	Sealing washer	2
22.	97-2126	Bolt, restrictor ($\frac{1}{4}$ " U.N.F. $\times$ 1-3/32")	2
23.	75-5095	Cap, outer member	2
24.	54-8003	Washer, cap bolt	4
25.	14-218	Bolt, outer member cap ($\frac{5}{16}$ " U.N.F. $\times$ 1 $\frac{3}{8}$ ")	4
26.	97-519	Drain plug	2
27.	54-42	Drain plug joint washer	2
28.	97-2295	Outer member (right-hand)	
29.	97-2090	Restrictor, damping	2
	97-2672	Fork complete	

NOTE:—Code 5. 75-5119 Gaiter clip is now cancelled.

Plate 13

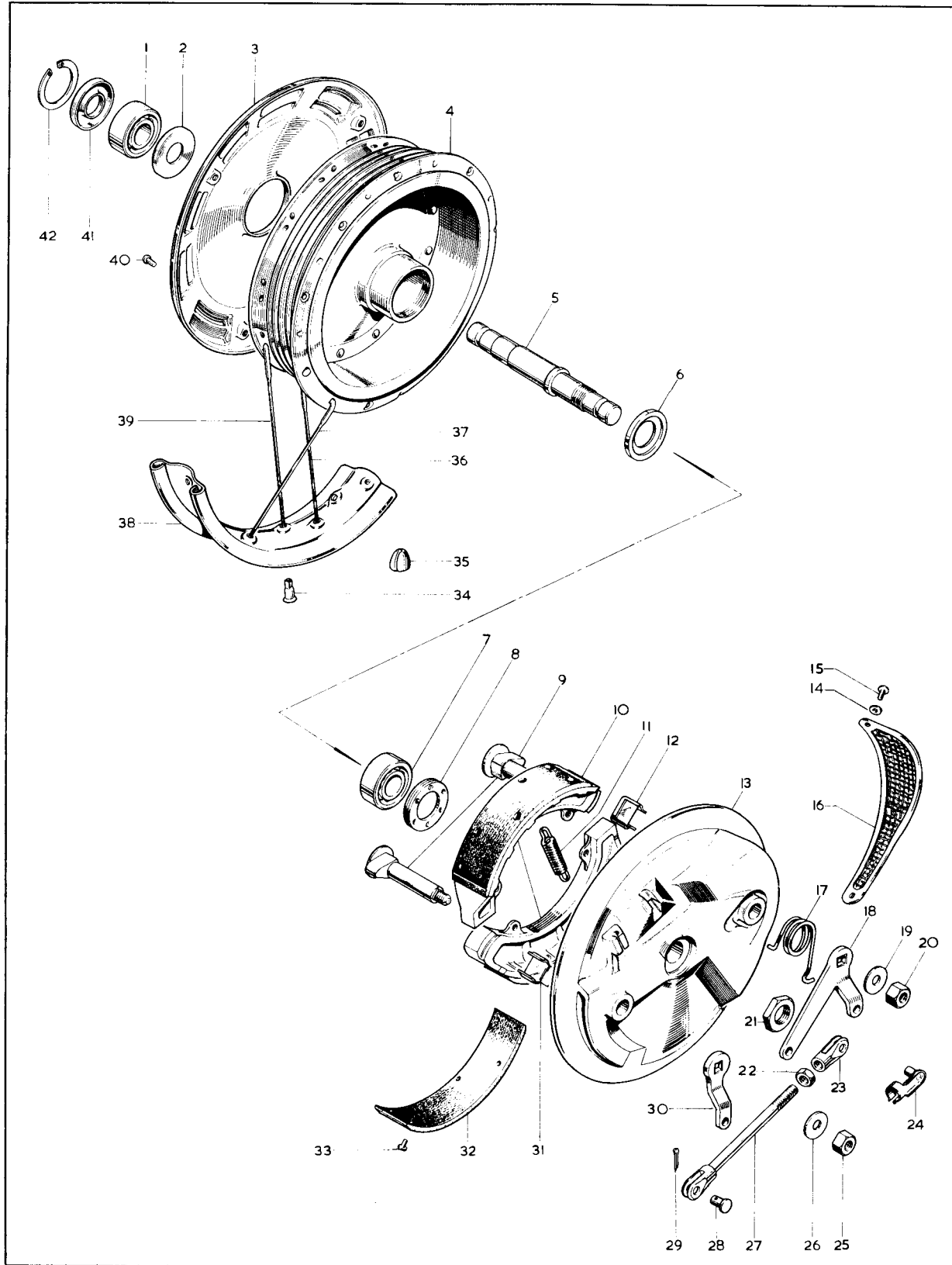


Plate 13

FRONT WHEEL

Plate Ref.	Spares Number	Description	Per Set
1.	42-5819	Bearing (Hoffman 120)	
2.	37-1481	Grease retaining cap (left-hand)	
3.	37-2240	Nave plate	
4.	37-3317	Front hub with spindle and bearings	
5.	37-2057	Wheel spindle	
6.	37-3337	Backing ring	
7.	42-5819	Bearing (Hoffman 120)	
8.	42-6335	Bearing retainer	
9.	37-2001	Brake cam	2
10.	37-1996	Brake shoe complete	2
11.	42-5841	Brake shoe spring	2
12.	37-2026	Brake shoe abutment pad	
13.	37-2129	Brake anchor plate with gauze, less brake details	
14.	82-2351	Washer, for screw line 15	3
15.	21-650	Screw, gauze fixing (Taptite 4-40 × $\frac{5}{16}$ ")	3
16.	37-1991	Gauze shield, air scoop	
17.	37-3522	Brake lever return spring	
18.	37-3453	Brake lever (front)	
19.	37-2027	Washer, lever fixing nut (1-1/32" × 17/32" × 13 G.)	
20.	14-303	Nut, lever fixing ($\frac{3}{8}$ " U.N.F.)	
21.	37-2058	Brake anchor plate nut	
22.	14-401	Brake rod fork end locknut ($\frac{1}{4}$ " U.N.F.)	
23.	37-2005	Brake rod fork end	
24.	37-2006	Brake cable spring pin	
25.	14-303	Nut, rear lever fixing ($\frac{3}{8}$ " U.N.F.)	
26.	37-2027	Washer, rear lever fixing nut (1-1/32" × 17/32" × 13 G.)	
27.	37-2003	Brake rod	
28.	42-5836	Brake rod pivot pin	2
29.	60-2683	Split pin, pivot pin fixing ($\frac{1}{16}$ " × $\frac{3}{8}$ ")	2
30.	37-3454	Brake lever (rear)	
31.	37-2026	Brake shoe abutment pad	
32.	19-7734	Brake lining	2
33.	37-2059	Brake lining rivet	14
34.	42-5812	Spoke nipple	40
35.	42-5860	Balance weight ($\frac{3}{4}$ ")	as reqd.
35.	42-5861	Balance weight (1")	as reqd.
36.	37-1709	Spoke (right-hand inner)	10
37.	37-1708	Spoke (right-hand outer)	10
38.	37-1230	Rim (WM2-19, steel)	
39.	37-1328	Spoke (left-hand)	20
40.	37-2092	Screw, nave plate fixing (4 B.A. × $\frac{1}{4}$ ")	3
41.	42-5820	Dust cap	
42.	42-5821	Circlip, dust cap fixing	
	37-3312	Wheel complete with spindle and bearings	
	37-3461	Brake anchor plate complete with brake details	

Plate 14

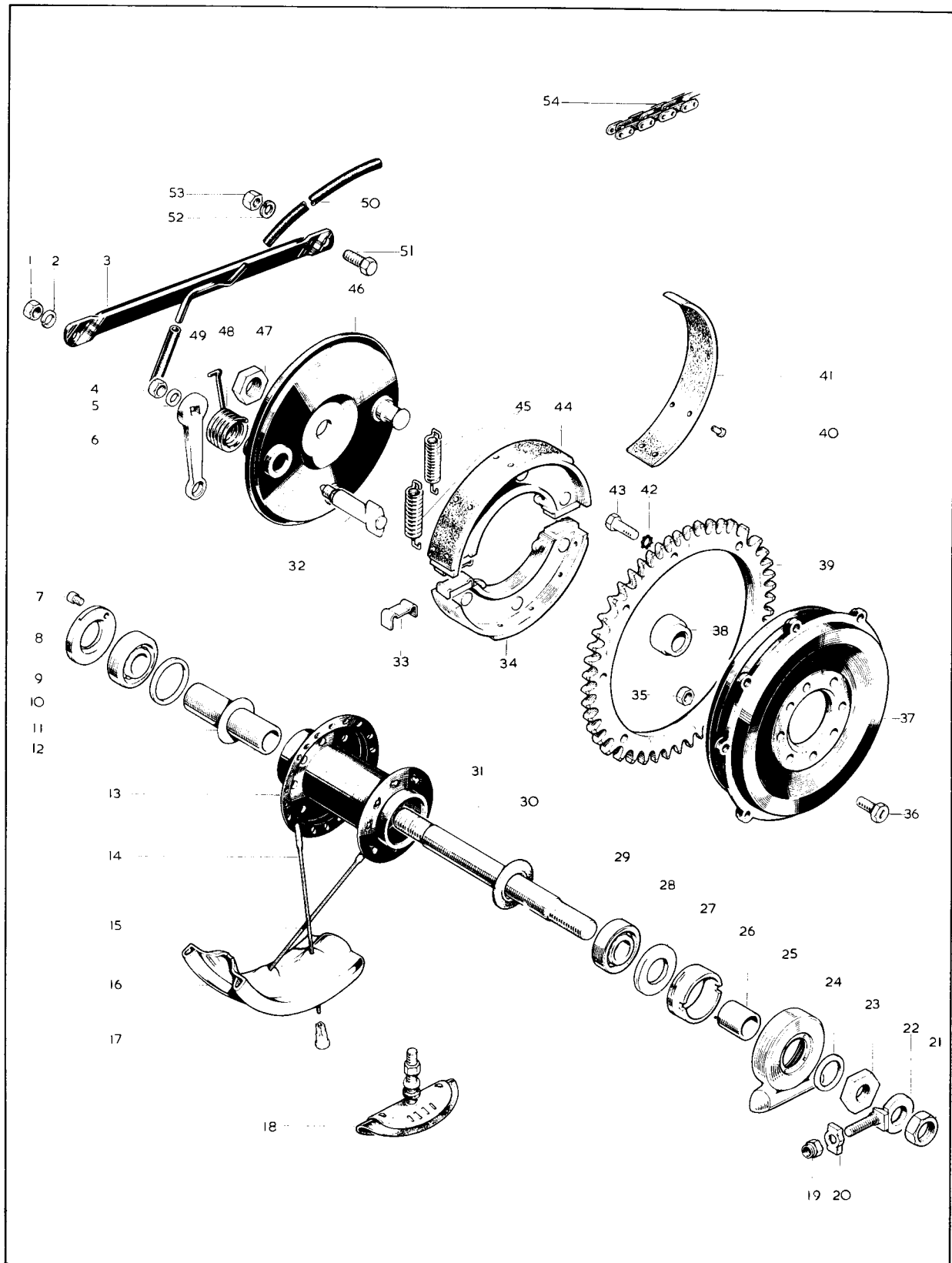


Plate 14

REAR WHEEL

Plate Ref.	Spares Number	Description	Per Set
1.	54-124	Nut, torque stay to brake plate ($\frac{7}{16}$ " B.S.C.)	..
2.	40-4071	Spring washer, for nut line 1	..
3.	82-7365	Torque stay, brake plate	..
4.	54-4306	Nut, brake lever to cam spindle ($\frac{3}{8}$ " B.S.C.)	..
5.	37-2027	Washer, for nut line 4	..
6.	37-2015	Lever, brake plate	..
7.	37-1710	Locking screw, bearing retainer (drive-side)	..
8.	37-1021	Bearing retainer (drive-side)	..
9.	42-5819	Bearing, drive-side (Hoffman 120)	..
10.	37-1022	Backing ring, drive-side bearing	..
11.	37-1474	Grease retainer (drive-side)	..
12.	37-1278	Spacer tube	..
13.	37-3457	Hub with spindle and bearings	..
14.	37-1104	Spoke (drive-side)	20
15.	37-1106	Spoke (timing-side)	20
16.	37-270	Wheel rim (WM3-19)	..
17.	42-5812	Spoke nipple	40
18.	19-6500	Security bolt	2
19.	14-1902	Nut, wheel adjuster ($\frac{5}{16}$ " U.N.F.)	2
20.	40-6040	End plate, wheel adjuster	2
21.	82-1747	Nut, outer spindle ($\frac{3}{4}$ " B.S.C.)	2
22.	37-2089	Wheel adjuster	2
23.	37-3426	Retaining nut (timing-side)	..
24.	37-1280	Washer, for nut line 23	..
25.	19-9221	Speedometer gearbox, m.p.h. (Smiths BG.5330/168)	..
25.	19-9220	Speedometer gearbox, k.p.h. (Smiths BG.5330/287)	..
26.	37-1477	Distance piece	..
27.	37-1476	Speedometer drive ring	..
28.	37-1654	Inner dust cap (timing-side)	..
29.	42-5819	Bearing (Hoffman 120)	..
30.	37-1635	Grease retainer (timing-side)	..
31.	37-1281	Wheel spindle	..
32.	37-1083	Brake cam spindle	..
33.	41-6078	Pivot pad for brake shoe	2
34.	41-6076	Trailing brake shoe	..
35.	75-6594	Nut, brake drum to hub ($\frac{5}{16}$ " B.S.C.)	8
36.	37-1690*	Bolt, brake drum to hub ($\frac{7}{16}$ " B.S.C. $\times$ 3")	8
37.	37-1498	Brake drum	..
38.	37-1024	Distance piece, drive-side bearing	..
39.	37-3411	Sprocket (52 teeth)	..
40.	35-6436	Rivet, brake lining	16
41.	19-7711	Brake lining	2
42.	29-541	Lockwasher, for bolt line 43	8
43.	37-1500*	Bolt, sprocket to brake drum ($\frac{1}{4}$ " B.S.C. $\times$ 13/16")	8
44.	41-6073	Leading brake shoe	..
45.	42-5841	Spring, brake shoe	2
46.	37-1112	Brake anchor plate less brake details	..
47.	37-3425	Nut, inner drive-side spindle	..
48.	37-1090	Return spring, brake lever	..
49.	82-7364	Chain oiler pipe (short)	..
50.	82-8919	Chain oiler pipe (long)	..
51.	21-1802	Bolt, anchor strap to swinging arm ($\frac{7}{16}$ " U.N.F. $\times$ 27/32")	..
52.	40-4071	Spring washer, for nut line 53	..
53.	14-304	Nut, for bolt line 51 ($\frac{7}{16}$ " U.N.F.)	..
54.	19-8638	Rear chain ($\frac{5}{8}$ " $\times$ $\frac{3}{8}$ " $\times$ 107 pitch)	..
	37-3456	Rear wheel with spindle and bearings	..
	37-1111	Rear brake anchor plate with brake details	..

*Special material: 36.—EN8R. 43.—EN8R.

Plate 15

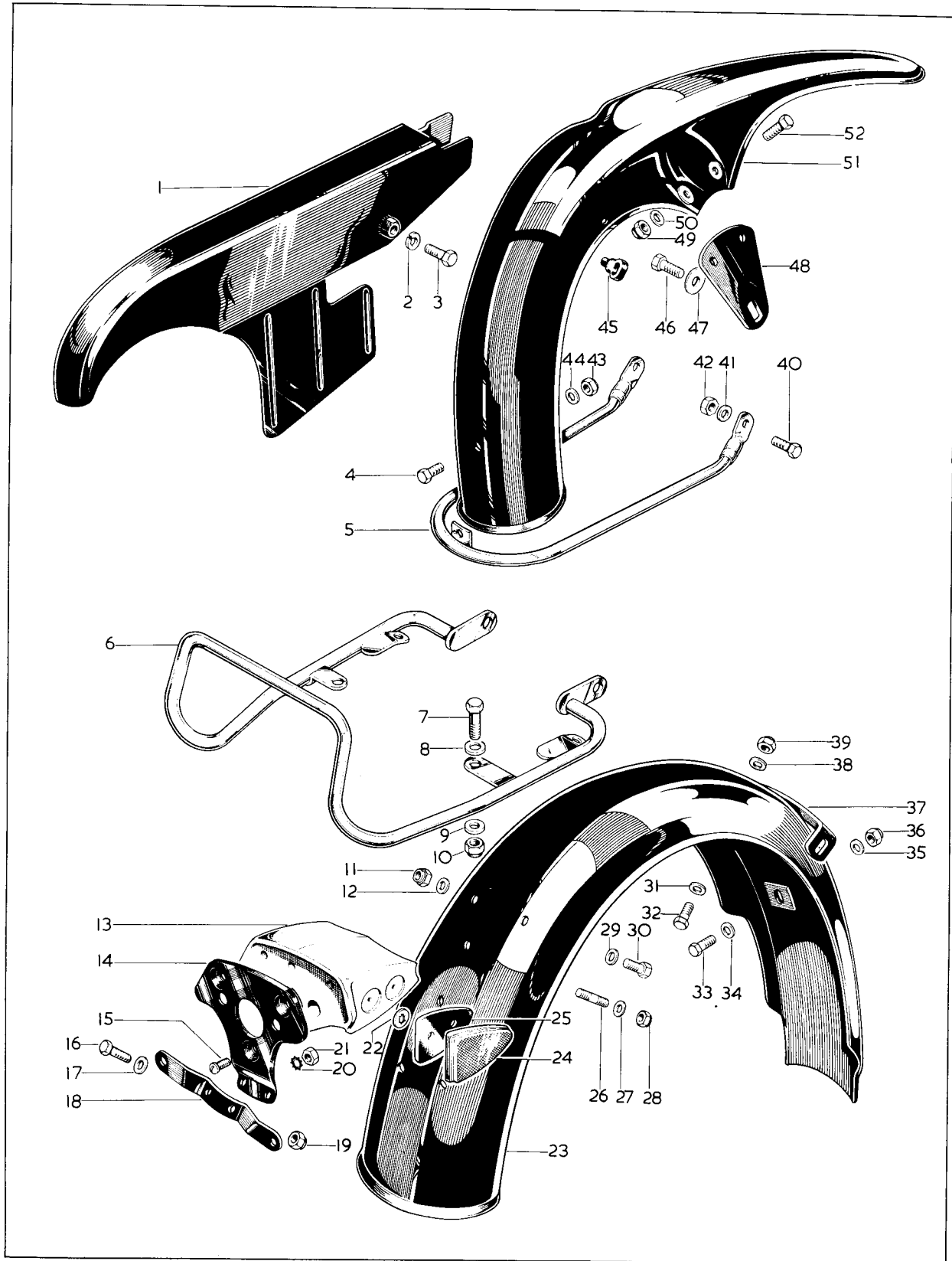


Plate 15

HANDRAIL, MUDGUARDS, CHAINGUARD

Plate Ref.	Spares Number	Description	Per Set
1.	82-8490	Chainguard	
2.	29-541	Spring washer, chainguard bolt ($17/64" \times 15/32" \times .024"$)	
3.	14-206	Bolt, chainguard fixing ($1/4" \text{ U.N.F.} \times 1\frac{3}{4}"$)	
4.	14-101	Bolt, stay to mudguard ($1/4" \text{ U.N.F.} \times 1/2"$)	
5.	82-8498	Front mudgaurd stay	
6.	82-8485	Handrail	
7.	14-113	Bolt, handrail to frame ($5/16" \text{ U.N.F.} \times 5/8"$)	2
8.	15-5155	Washer, handrail to frame ($5/16" \times 1/2" \times .048"$)	2
9.	15-5155	Washer, handrail to frame ($5/16" \times 1/2" \times .048"$)	2
10.	14-1202	Nut, handrail to frame ($5/16" \text{ U.N.F.}$)	2
11.	14-1301	Nut, mudguard to frame ($1/4" \text{ U.N.F.}$)	2
12.	27-8560	Washer, mudguard to frame ($1/4" \times 5/8" \times .048"$)	2
13.	82-9327	Rear lamp support	
14.	68-6829	Rear lamp support plate	
15.	54-9012	Screw, plate to support (2 B.A. $\times 13/32"$)	3
16.	14-101	Bolt, number plate bracket ($1/4" \text{ U.N.F.} \times 1/2"$)	4
17.	54-9081	Washer, number plate bracket	4
18.	68-6830	Number plate bracket	
19.	14-1201	Nut, number plate bracket bolt ($1/4" \text{ U.N.F.}$)	4
20.	54-170	Lockwasher (bottom screw only)	
21.	21-5161	Nut for bottom screw (2 B.A.)	
22.	82-8195	Push-fix, rear side reflector	4
23.	82-8528	Rear Mudguard	
24.	19-943	Rear side reflector (Lucas 57111)	2
25.	82-8140	Rubber mat, side reflector	2
26.	21-547	Stud, rear lamp support ($1/4" \text{ U.N.C./U.N.F.} \times 7/8"$)	
27.	42-557	Washer, support stud	
28.	14-1201	Nut, support stud ($1/4" \text{ U.N.F.}$)	
29.	27-8560	Washer, mudguard to frame ($1/4" \times 5/8" \times .048"$)	2
30.	14-101	Bolt, mudguard to frame ($1/4" \text{ U.N.F.} \times 1/2"$)	2
31.	27-8560	Washer, bridge to guard ($1/4" \times 5/8" \times .048"$)	2
32.	14-101	Bolt, bridge to guard ($1/4" \text{ U.N.F.} \times 1/2"$)	2
33.	14-101	Bolt, mudguard to frame ($1/4" \text{ U.N.F.} \times 1/2"$)	2
34.	27-8560	Washer, mudguard to frame ($1/4" \times 5/8" \times .048"$)	2
35.	27-8560	Washer, mudguard to frame ($1/4" \times 5/8" \times .048"$)	2
36.	14-1301	Nut, mudguard bolt ($1/4" \text{ U.N.F.}$)	2
37.	82-8518	Rear mudguard bridge	
38.	27-8560	Washer, bridge to guard ($1/4" \times 5/8" \times .048"$)	2
39.	14-1301	Nut, bridge to guard ($1/4" \text{ U.N.F.}$)	2
40.	14-114	Bolt, stay to fork ($5/16" \text{ U.N.F.} \times 3/4"$)	2
41.	54-55	Washer, stay to fork ($5/16" \times 5/8" \times 1/16"$)	2
42.	14-702	Nut, stay to fork ($5/16" \text{ U.N.F.}$)	2
43.	14-1301	Nut, stay to guard ($1/4" \text{ U.N.F.}$)	
44.	2-525	Washer, stay to guard ($1/4" \times 1/2" \times .048"$)	
45.	97-2270	Cable retainer	
46.	21-1822	Bolt, bracket to fork leg ($5/16" \text{ U.N.F.} \times 1/2"$)	2
47.	54-5504	Washer, bracket to fork leg	2
48.	82-8520	Front mudguard bracket	2
49.	14-1301	Nut, mudguard to bracket ($1/4" \text{ U.N.F.}$)	4
50.	2-525	Washer, mudguard to bracket ($1/4" \times 1/2" \times .048"$)	4
51.	97-3795	Front mudguard	
52.	14-101	Bolt, mudguard to bracket ($1/4" \text{ U.N.F.} \times 1/2"$)	4

Plate 16

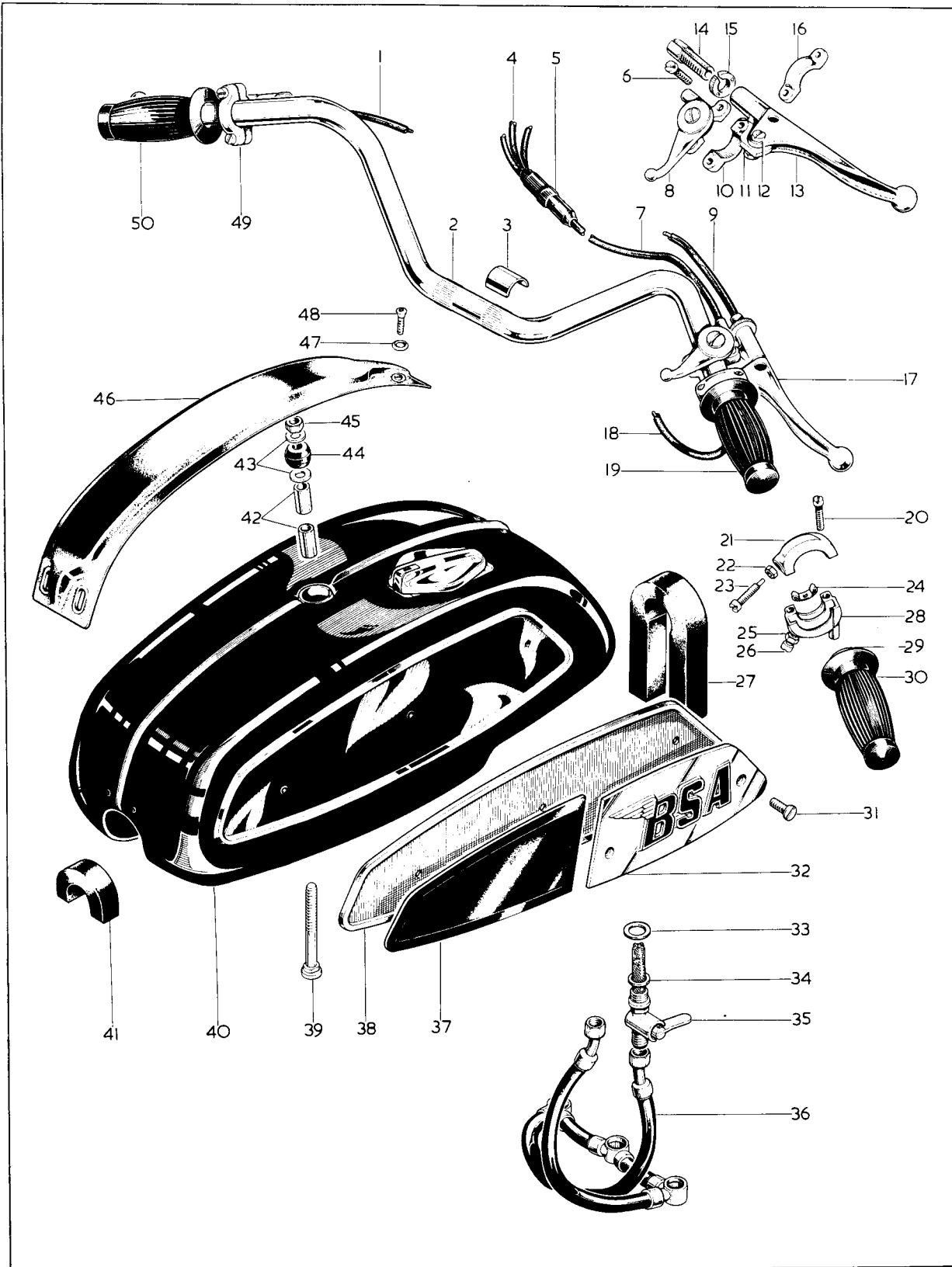


Plate 16

PETROL TANK, HANDLEBAR AND CONTROLS

Plate Ref.	Spares Number	Description	Per Set
	B.S.A. NO.	MAKERS NO.	
1.	60-1946	Clutch control cable	
2.	97-3648	Handlebar	
3.	75-4909	Handlebar sleeve	4
4.	60-2060	Air control cable, right-hand (carburetter to junction box) ..	
4.	60-2061	Air control cable, centre (carburetter to junction box) ..	
4.	60-2062	Air control cable, left-hand (carburetter to junction box) ..	
5.	60-1978	Junction box, air control cable	
6.		11/014 Brake lever clamp screw (short)	
6.		11/013 Brake lever clamp screw (long)	
6.		11/014 Clutch lever clamp screw	2
7.	60-1968	Air control cable, junction box to lever	
8.		12/594 Air control lever assembly	
9.	60-2076	Front brake cable complete	
10.		18/776 Brake control lever body	
10.		18/820 Clutch control lever body	
11.		18/053 Clutch and brake lever fulcrum pin nut	2
12.		18/087 Clutch and brake lever fulcrum pin	2
13.		18/754 Brake lever only	
13.		18/753 Clutch lever only	
14.	60-2071	18/1708 Brake and clutch cable adjuster ($\frac{3}{8}$ " U.N.F.)	2
15.	60-2072	18/1709 Brake and clutch cable adjuster locknut ($\frac{3}{8}$ " U.N.F.)	2
16.		12/595 Clutch lever clamp	
17.	60-2073	18/978 Front brake and air control complete	
18.	60-890	Throttle control cable	
19.	19-7237	364/11 Throttle control complete	
20.		11/013 Body screw, throttle control	2
21.		364/013 Body top half, throttle control	
22.		5/077 Locknut, rotor stop screw	
23.		364/020 Adjusting screw, rotor stop	
24.		16/008 Friction spring, throttle control	
25.		16/010 Locknut, friction spring screw	

Plate 16—Contd.

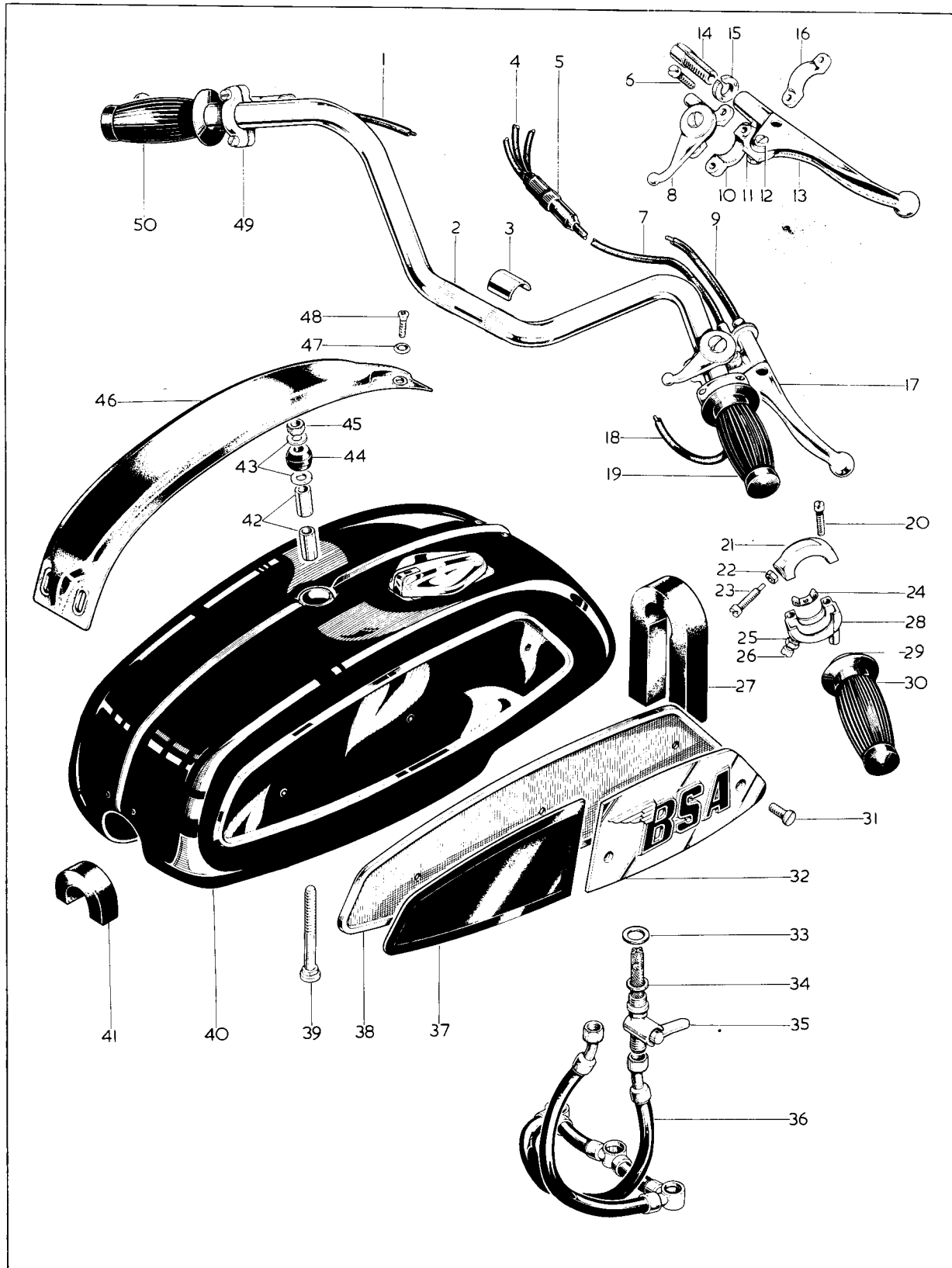


Plate 16—Contd.

PETROL TANK, HANDLEBAR AND CONTROLS

Plate Ref.	Spares Number	Description	Per Set
	B.S.A. NO.	MAKERS NO.	
26.		16/009 Screw, friction spring	
27.	82-9919	Tank mounting rubber (front)	
28.		364/014 Body bottom half, throttle control	
29.		364/017 Rotor, throttle control	
30.	19-7222	Handlebar grip (right-hand)	
31.	21-6206	Screw, badge and panel mounting (2 B.A. $\times \frac{1}{2}$ ")	6
32.	82-8610	Tank badge (left-hand)	
32.	82-8611	Tank badge (right-hand)	
33.	83-2	Seal washer, petrol tap	2
34.	70-7351	Petrol tap seal	2
35.	82-4972	Main petrol tap	
35.	82-4971	Reserve petrol tap	
36.	82-9436	Petrol pipe assembly	
37.	82-8591	Knee grip (right-hand)	
37.	82-8590	Knee grip (left-hand)	
38.	82-8589	Tank panel (right-hand)	
38.	82-8588	Tank panel (left-hand)	
39.	21-759	Tank mounting bolt ($\frac{5}{16}$ " U.N.F. $\times 3\frac{5}{16}$ ")	
40.	82-8391	Petrol tank with fixed fittings	
41.	82-9920	Tank mounting rubber (rear)	
42.	82-8565	Spacer tube, tank mounting	2
43.	3-101	Washer, tank mounting	2
44.	40-8085	Tank mounting rubber	
45.	14-302	Nut, for bolt line 39 ($\frac{5}{16}$ " U.N.F.)	
46.	82-8609	Petrol tank styling strip	
47.	82-8947	Washer, for screw line 48	4
48.	82-8946	Screw, petrol tank styling strip (2 B.A. $\times \frac{5}{8}$ ")	4
49.	60-2134	18/973 Clutch control complete	
50.	19-7238	Handlebar grip (left-hand)	

Note:—Where no B.S.A. part number is quoted, the part is only available from the makers.

Plate 17

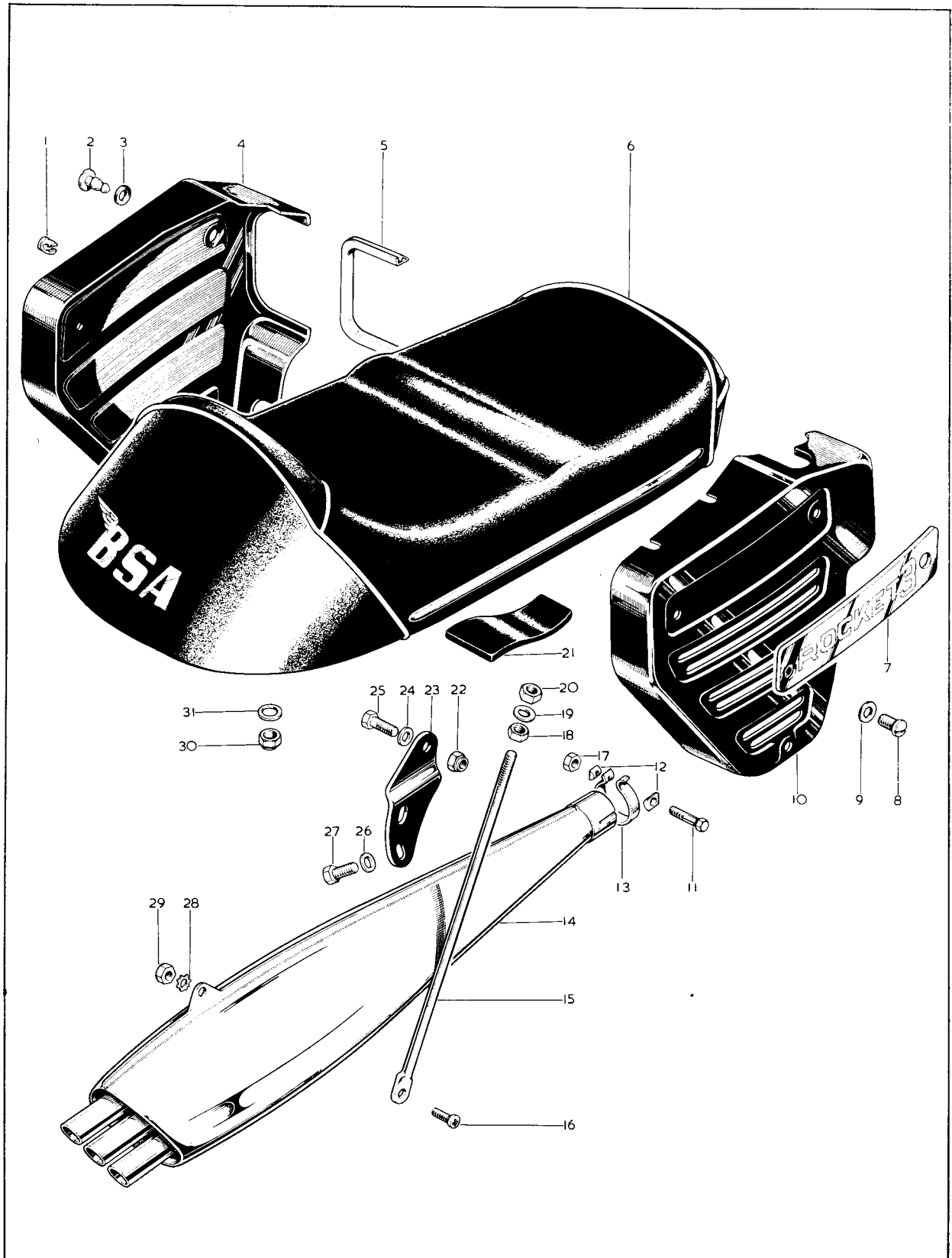


Plate 17

TWINSEAT, SIDECOVERS, SILENCERS

Plate Ref.	Spares Number	Description	Per Set
1.	97-2273	Clutch cable clip	..
2.	68-9223	"Oddie" stud, left-hand sidecover	..
2.	83-1430	Sidecover fastener	2
3.	68-9226	"Oddie" stud rubber	3
4.	82-8850	Sidecover complete (left-hand)	..
5.	82-8744	Styling strip, sidecovers	2
6.	82-8942	Twinseat complete	..
7.	60-853	Sidecover name plate (right-hand)	..
7.	60-854	Sidecover name plate (left-hand)	..
8.	21-767	Screw, sidecover to oil tank ($\frac{1}{4}$ " U.N.F. $\times \frac{7}{16}$ ")	..
8.	21-1979	Screw, sidecover to oil tank	2
9.	82-9964	Rubber washer, sidecover to oil tank screw	3
10.	82-8849	Sidecover complete (right-hand)	..
11.	14-219	Bolt, silencer to exhaust pipe clip ($\frac{5}{16}$ " U.N.F. $\times 1\frac{1}{2}$ ")	2
12.	75-2719	Saddle washer, silencer clip	4
13.	54-2537	Clip, silencer to exhaust pipe	2
14.	70-9037	Silencer (right-hand)	..
14.	70-9036	Silencer (left-hand)	..
15.	82-8519	Silencer support stay	2
16.	54-9012	Bolt, support stay to silencer (2 B.A. $\times 13/32$ ")	2
17.	14-1302	Nut, silencer clip bolt ($\frac{5}{16}$ " U.N.F.)	2
18.	14-302	Nut, support stay to handrail ($\frac{5}{16}$ " U.N.F.)	2
19.	2-923	Washer, support stay to handrail ($\frac{5}{16}$ " $\times \frac{5}{8}$ " $\times \frac{1}{16}$ ")	2
20.	14-902	Nut, support stay to handrail ($\frac{5}{16}$ " U.N.F.)	2
21.	82-8667	Support rubber, twinseat	4
22.	14-1303	Nut, bracket to silentbloc ($\frac{3}{8}$ " U.N.F.)	2
23.	82-8584	Silencer bracket (left-hand)	..
23.	82-8583	Silencer bracket (right-hand)	..
24.	2-1733	Washer, bracket to silentbloc	2
25.	14-129	Bolt, bracket to silentbloc ($\frac{3}{8}$ " U.N.F. $\times 1\frac{1}{4}$ ")	2
26.	76-12	Washer, bracket to silencer—left-hand ($21/64$ " $\times 9/16$ " $\times 3/32$ ")	2
26.	54-8003	Washer, bracket to silencer—right-hand	2
27.	14-113	Bolt, bracket to silencer—left-hand ($\frac{5}{16}$ " U.N.F. $\times \frac{5}{8}$ ")	2
27.	21-1822	Bolt, bracket to silencer—right-hand ($\frac{5}{16}$ " U.N.F. $\times \frac{1}{2}$ ")	2
28.	54-170	Lockwasher, stay to silencer bolt	2
29.	21-5161	Nut, support stay to silencer bolt (2 B.A.)	2
30.	14-1202	Nut, twinseat mounting ($\frac{5}{16}$ " U.N.F.)	2
31.	15-5155	Washer, twinseat mounting ($\frac{5}{16}$ " $\times \frac{5}{8}$ " $\times .040$ ")	2

Plate 18

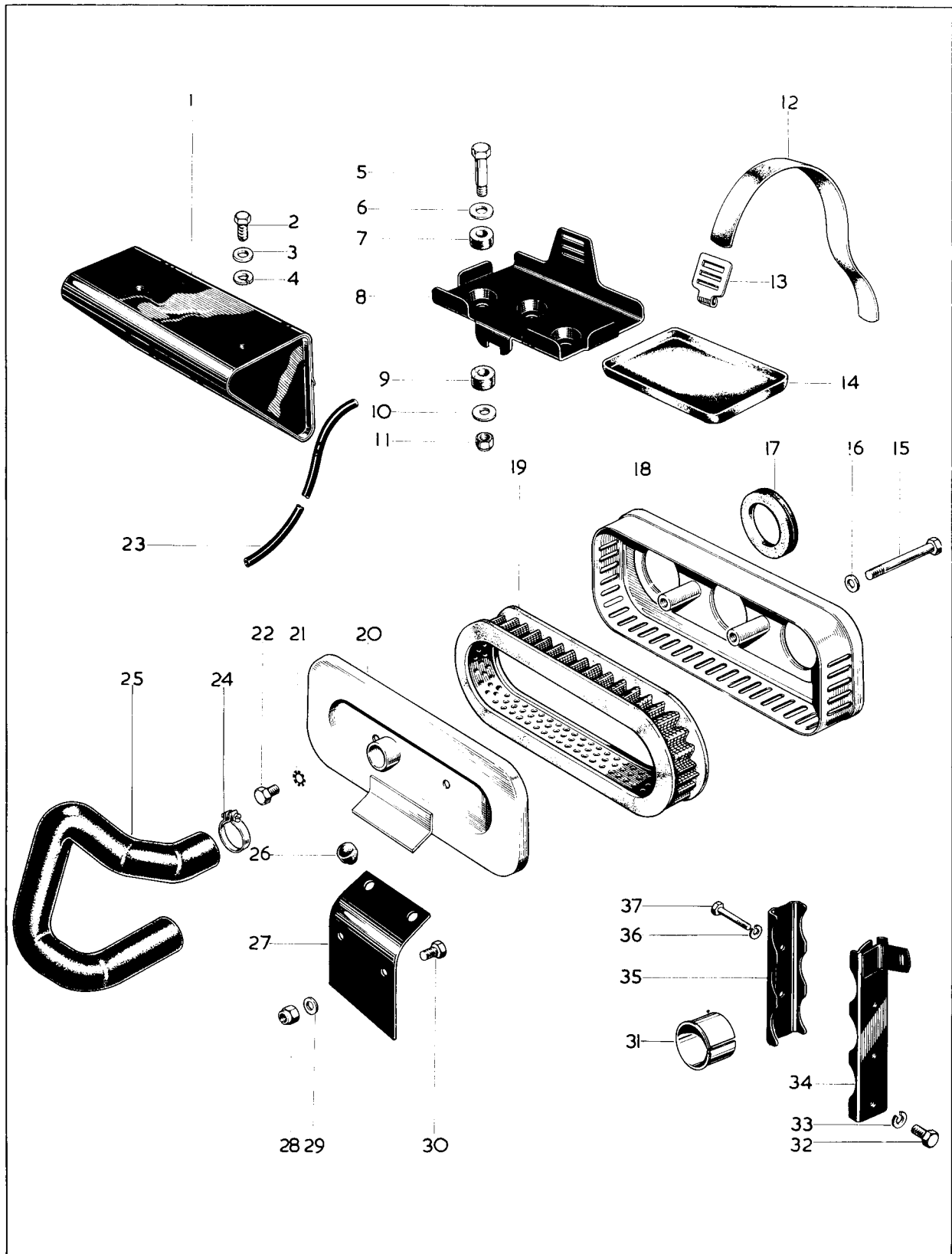


Plate 18

TOOLBOX, BATTERY CARRIER, AIR CLEANER

Plate Ref.	Spares Number	Description	Per Set
1.	82-8495	Toolbox	
2.	14-101	Bolt, toolbox to frame ($\frac{1}{4}$ " U.N.F. $\times$ $\frac{1}{2}$ ")	2
3.	2-525	Washer, toolbox to frame	2
4.	2-1462	Spring washer, toolbox to frame bolt ($\frac{1}{4}$ " $\times$ $\frac{19}{32}$ " $\times$.040")	2
5.	21-768	Bolt, battery carrier to frame ($\frac{5}{16}$ " U.N.F. $\times$ $1\frac{7}{16}$ ")	3
6.	2-2138	Washer (top), battery carrier to frame bolt ($\frac{3}{8}$ " $\times$ $\frac{3}{4}$ " $\times$ $\frac{1}{16}$ ")	3
7.	40-4524	Rubber, battery carrier to frame	3
8.	82-8463	Battery carrier	
9.	40-4524	Rubber, battery carrier to frame	3
10.	82-9008	Washer (bottom), battery carrier to frame bolt	3
11.	14-1202	Nut, battery carrier to frame ($\frac{5}{16}$ " U.N.F.)	3
12.	68-4577	Battery strap	
13.	4-2608	Battery strap hook	
14.	68-4597	Battery tray	
15.	14-213	Bolt, air cleaner box ($\frac{1}{4}$ " U.N.F. $\times$ $3\frac{1}{2}$ ")	2
16.	40-2705	Washer, for bolt line 15 ($\frac{17}{64}$ " $\times$ $\frac{15}{32}$ " $\times$ $\frac{1}{16}$ ")	2
17.	82-9562	Grommet, air cleaner box	3
18.	82-9675	Air cleaner box	
19.	82-9845	Air cleaner element	
20.	82-8969	Air cleaner cover	
21.	29-541	Lockwasher, air cleaner cover ($\frac{17}{64}$ " $\times$ $\frac{15}{32}$ " $\times$.024")	2
22.	14-101	Bolt, air cleaner cover ($\frac{1}{4}$ " U.N.F. $\times$ $\frac{1}{2}$ ")	2
23.	82-7431	Battery vent pipe	
24.	70-9834	Clip, breather pipe to air cleaner	
25.	82-8743	Engine breather pipe	
26.	82-7835	Rubber buffer, support bracket	2
27.	82-9682	Support bracket	
28.	14-1201	Nut, bracket to frame bolt ($\frac{1}{4}$ " U.N.F.)	2
29.	2-525	Washer, bracket to frame bolt ($\frac{1}{4}$ " $\times$ $\frac{1}{2}$ " $\times$.048")	2
30.	14-101	Bolt, bracket fixing ($\frac{1}{4}$ " U.N.F. $\times$ $\frac{1}{2}$ ")	2
31.	82-9654	Sleeve for coils	3
32.	14-101	Bolt, coil support to frame ($\frac{1}{4}$ " U.N.F. $\times$ $\frac{1}{2}$ ")	
33.	2-1462	Spring washer, coil support to frame bolt ($\frac{1}{4}$ " $\times$ $\frac{19}{32}$ " $\times$.040")	
34.	83-1384	Coil support complete	
35.	82-8549	Coil clamp	
36.	24-7058	Spring washer, coil clamp bolt	2
37.	21-1981	Bolt, coil clamp (number 10 U.N.F. $\times$ 2")	2

Plate 19

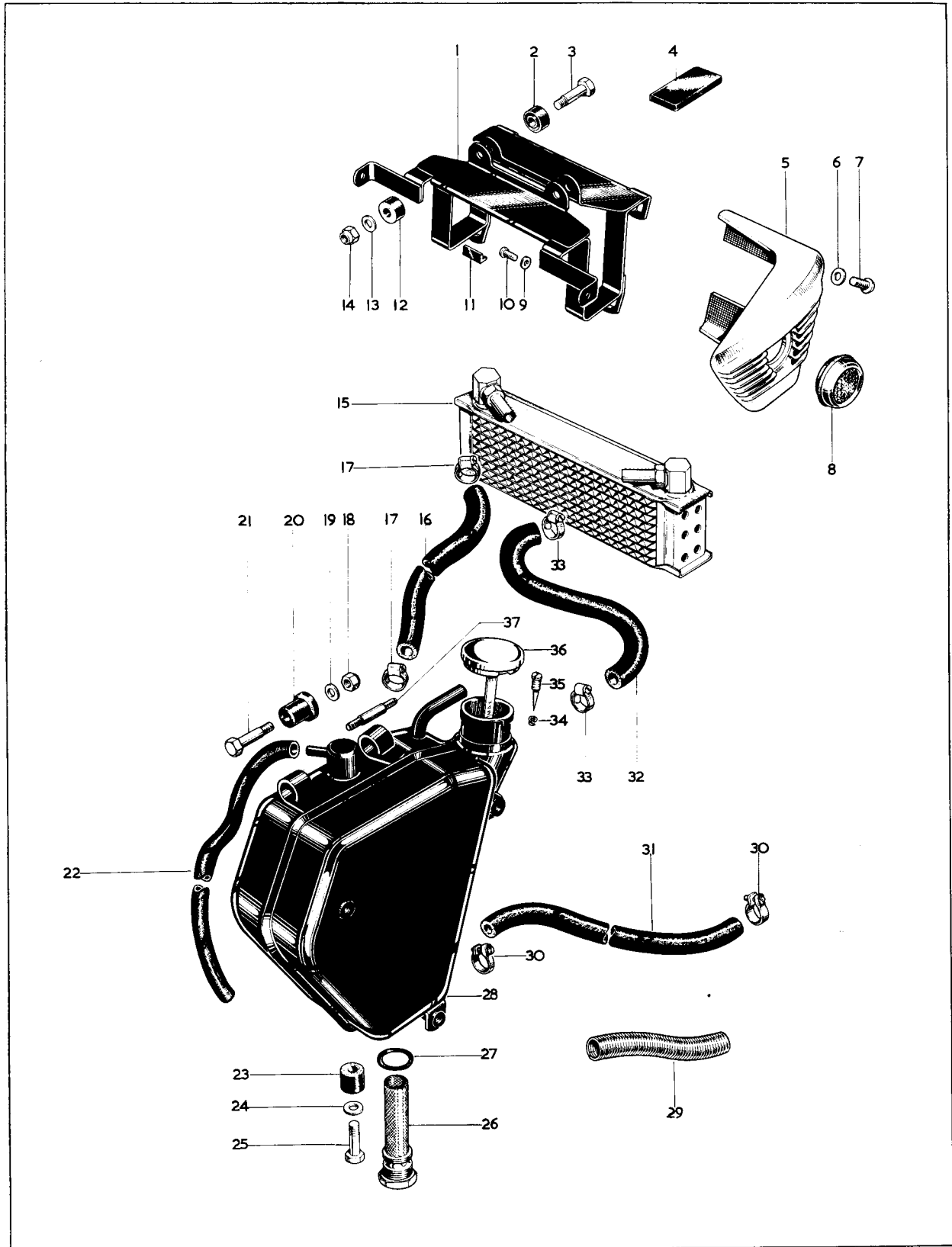


Plate 19

OIL TANK AND OIL COOLER

Plate Ref.	Spares Number	Description	Per Set
1.	82-9687	Oil cooler cradle	
2.	82-8657	Rubber, oil cooler mounting	2
3.	21-752	Bolt, oil cooler mounting ($\frac{1}{4}$ " U.N.F. $\times$ 1-15/64")	2
4.	82-8667	Rubber pad, petrol tank to cooler cradle	2
5.	82-8628	Oil cooler cover (left-hand)	
5.	82-8629	Oil cooler cover (right-hand)	
6.	2-525	Washer, cover fixing—front ($\frac{1}{4}$ " $\times$ $\frac{1}{2}$ " $\times$.048")	4
7.	21-761	Screw, cover fixing—front ($\frac{1}{4}$ " U.N.F. $\times$ 9/16")	4
8.	19-987	Side reflector (Lucas 57161)	2
9.	2-1096	Washer, cover fixing—rear ($\frac{3}{16}$ " $\times$ $\frac{3}{8}$ " $\times$.044")	2
10.	21-752	Screw, cover fixing—rear (Posidrive number 10 $\times$ 9/16")	2
11.	82-9322	Packing rubber, oil cooler to strap	8
12.	82-8657	Rubber, cooler cradle mounting	2
13.	2-525	Washer, cooler cradle mounting ($\frac{1}{4}$ " $\times$ $\frac{1}{2}$ " $\times$.048")	2
14.	14-1301	Nut, cooler cradle mounting ($\frac{1}{4}$ " U.N.F.)	2
15.	82-9315	Oil cooler	
16.	70-8907	Flexible pipe, cooler to tank	
17.	60-702	Clip, flexible oil pipe	2
18.	14-1301	Nut, oil tank top mounting ($\frac{1}{4}$ " U.N.F.)	3
19.	27-8560	Washer, oil tank top mounting ($\frac{1}{4}$ " $\times$ $\frac{5}{8}$ " $\times$.048")	3
20.	40-8436	Rubber, oil tank top mounting	2
21.	21-754	Bolt, oil tank top mounting ($\frac{1}{4}$ " U.N.F. $\times$ 1 $\frac{3}{8}$ ")	
22.	82-9664	Breather pipe, oil tank	
23.	82-8459	Rubber, bottom oil tank mounting	
24.	2-923	Washer, bottom oil tank mounting ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	
25.	14-217	Bolt, bottom oil tank mounting ($\frac{5}{16}$ " U.N.F. $\times$ 1 $\frac{1}{4}$ ")	
26.	83-1387	Oil tank filter plug complete	
27.	68-610	"O" ring, filter plug	
28.	82-8452	Oil tank with fixed fittings	
29.	82-9530	Oil feed pipe spring	
29.	82-9531	Oil return pipe spring	
30.	70-6848	Clip, flexible oil feed pipe	2
31.	70-8904	Flexible pipe, oil tank to engine	
32.	70-8906	Flexible pipe, oil cooler to rocker box	
33.	60-702	Clip, flexible oil pipe	2
34.	82-6874	Metering screw spring	
35.	82-9435	Metering screw, chain oiler ($\frac{1}{4}$ " U.N.F. $\times$ 29/64")	
36.	82-8625	Filler cap, dipstick	
37.	83-1386*	Stud, oil tank front fixing ($\frac{1}{4}$ " U.N.F./U.N.F. $\times$ 1-9/16")	
	82-9918	Clip, oil pipes to frame (not illustrated)	4

*Special material: 37.—EN14B.

Plate 20

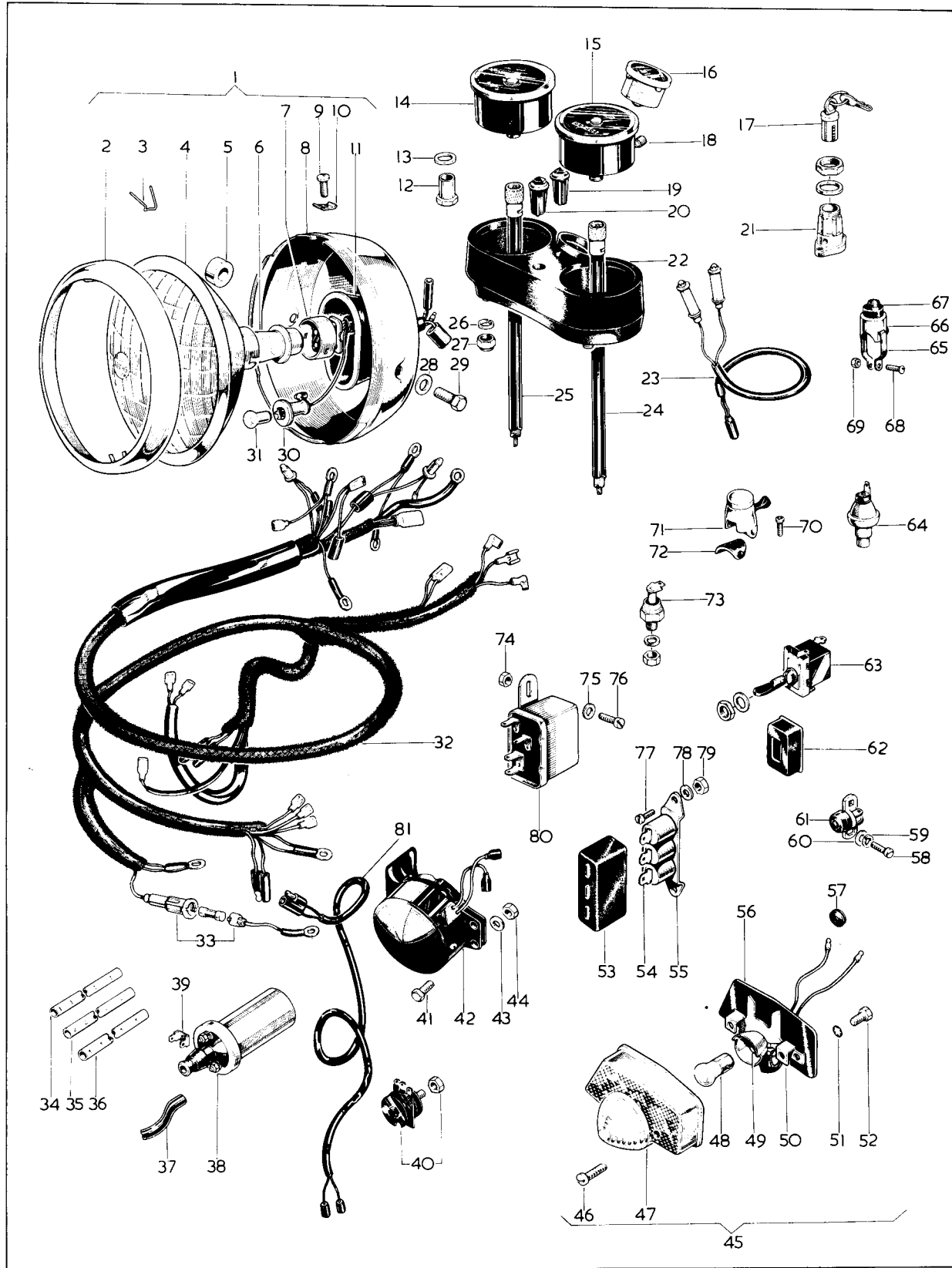


Plate 20

ELECTRICAL EQUIPMENT

Plate Ref.	Spares Number	Description	Per Set
1.	19-981	Headlamp complete, standard (Lucas 59892)	
1.	19-1149	Headlamp complete, Europe (Lucas 59894)	
2.		Headlamp rim (Lucas 553248)	
3.		Wire fixing light unit (Lucas 504665)	6
4.		Light unit, standard (Lucas 516798)	
4.		Light unit, Europe (Lucas 54522680)	
5.	97-1932	Headlamp spacer	2
6.		Main bulb, standard (Lucas 446)	
6.		Main bulb, Europe (Lucas 410)	
7.		Sleeve, terminal (Lucas 555910)	
8.		Lamp body (Lucas 54524099)	
9.		Screw fixing, headlamp rim (Lucas 144921)	
10.		Plate for rim screw (Lucas 534296)	
11.		Extension cover (Lucas 54524048)	
12.	97-3632	Sleeve nut, speedometer/tachometer mounting (10 U.N.F.)	4
13.	70-8770	Washer, for nut line 12	4
14.	19-8940	Tachometer head (Smiths RPM.3003/01)	
15.	19-8936	Speedometer head, m.p.h. (Smiths SSM.5001/05)	
15.	19-9092	Speedometer head, k.p.h. (Smiths SSM.5001/01)	
16.	19-1164	Ammeter (Lucas 36421)	
17.	82-6981	Ignition lock and key (Wilmot Breedon 1-6280)	
18.	19-9080	Speedometer trip shaft (Smiths 41-1418-203-10)	
19.	19-982	High beam warning light, green (Lucas 38191)	
20.	19-965	Oil pressure warning light, red (Lucas 38189)	
21.	19-1775	Ignition switch (Lucas 31899)	
22.	97-2297	Binnacle complete	
23.	19-1147	Light lead for speedometer/tachometer (Lucas 54934904)	
24.	19-9090	Speedometer cable (Smiths)	
25.	19-9091	Tachometer cable (Smiths DF.9111/00)	
26.	54-9081	Spring washer, binnacle mounting	4
27.	14-1201	Nut, binnacle mounting (1/4" U.N.F.)	4
28.		Washer, headlamp mounting (Lucas 137498)	2
29.		Bolt, headlamp mounting (Lucas 112201)	2
30.		Pilot bulb holder (Lucas 54573590)	
31.		Interior, pilot bulb holder (Lucas 553780)— <i>not illustrated</i>	
		Pilot bulb (Lucas 989)	
		*Adaptor, headlamp—Europe (Lucas 553738)— <i>not illustrated</i>	
		*Spring, retaining main bulb—Europe (Lucas 556442)— <i>not illustrated</i>	
32.	19-1182	Main wiring harness (Lucas 54954246)—5495580 after first 1,000 sets	
33.		Fuse holder complete (Lucas 54190387)	
33.		Fuse only, 35 amp. (Lucas 188218)	
34.	19-1874	Identification sleeve for high-tension lead number 1	
35.	19-1875	Identification sleeve for high-tension lead number 2	
36.	19-1876	Identification sleeve for high-tension lead number 3	
37.	19-1867	High-tension lead (Lucas 842189)	3
38.	19-1854	High-tension coil, 12 volt (Siba 32000)	3
39.	19-970	"Lucar" blade for coil (Lucas 54190108)	3
40.	19-1715	Rectifier with nut (Lucas 49072)	

Plate 20—Contd.

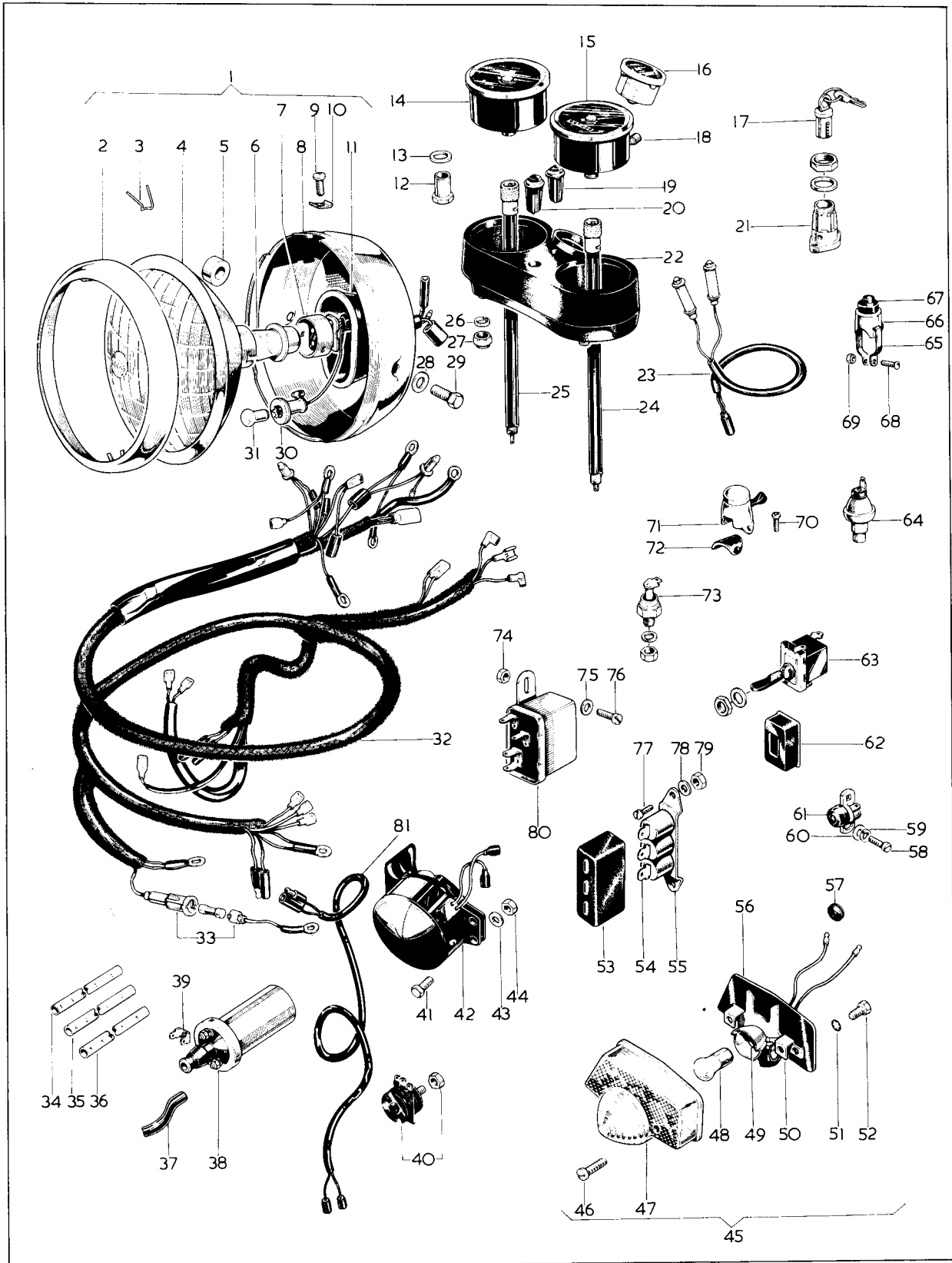


Plate 20—contd.

ELECTRICAL EQUIPMENT

Plate Ref.	Spares Number	Description	Per Set
41.	14-104	Bolt, horn mounting ($\frac{1}{4}$ " U.N.F. $\times$ $\frac{7}{8}$ ")	4
42.	19-2070	Windtone horn, right-hand (Clearhooter P.201)	
42.	19-2071	Windtone horn, left-hand (Clearhooter P.101)	
43.	2-525	Washer, horn mounting ($\frac{1}{4}$ " $\times$ $\frac{1}{2}$ " $\times$.048")	4
44.	14-801	Nut, horn mounting ($\frac{1}{4}$ " U.N.F.)	7
45.	19-1245	Stop/tail lamp (Lucas 53973)	
46.		Screw for stop lamp lens (Lucas 144921)	
47.		Lens for stop lamp (Lucas 54577109)	
48.		Bulb for stop lamp (Lucas 380)	
		Interior, bulb holder (Lucas 573828)-- <i>not illustrated</i>	
49.		Bulb holder assembly (Lucas 54578213)	
50.		Base assembly (Lucas 54578212)	
51.		Washer, for fixing screw (Lucas 188330)	2
52.		Screw for fixing lamp (Lucas 110714)	2
53.	19-1848	Rubber cover, condenser pack (Lucas 54418528)	
54.	19-1847	Condenser (Lucas 54420128)	3
55.	19-1861	Condenser base plate (Lucas 54418526)	
56.		Gasket, stop/tail lamp (Lucas 54571677)	
57.	19-1873	Grommet, for tail lamp leads (Lucas 199001)	2
58.	21-770	Screw, stop switch mounting (number 10 U.N.F. $\times$ $\frac{1}{2}$ ")	2
59.	24-978	Spring washer, stop switch mounting ($\frac{1}{4}$ " $\times$ $\frac{7}{16}$ " $\times$ 19 G.)	2
60.	2-1096	Washer, stop switch mounting ($\frac{3}{16}$ " $\times$ $\frac{3}{8}$ " $\times$.044")	2
61.	19-916	Stop lamp switch (Lucas 34815)	
62.	82-9692	Rubber cover for light switch, line 63	
63.	19-1030	Light switch (Lucas 31788)	
64.	19-1735	Zener diode (Lucas 49345)	
65.	68-9351	Clip, cut-out switch mounting	2
66.	97-2259	Cup, ignition cut-out switch	
67.	19-1152	Ignition cut-out switch (Lucas 35835)	
68.	54-6510	Screw, cut-out switch mounting clip	
69.	21-5160	Nut, for screw line 68 (2 B.A.)	
70.	97-1994	Screw, dipper switch to handlebar (number 6 $\times$ 32 Taptite)	2
71.	19-1150	Horn and dipper switch less cable (Lucas 31563)	
72.	19-1153	Mounting pad for dipper switch (Lucas 380459)	
73.	19-6504	Oil pressure switch (Smiths 5307/05)	
74.	21-778	Nut, horn relay mounting (number 10 U.N.F.)	2
75.	2-1096	Washer, horn relay mounting ($\frac{3}{16}$ " $\times$ $\frac{3}{8}$ " $\times$.044")	2
76.	21-762	Screw, horn relay mounting (number 10 U.N.F. $\times$ $\frac{3}{8}$ ")	2
77.	82-8641	Bolt, condenser pack mounting (number 10 U.N.F. $\times$ $\frac{3}{8}$ ")	2
78.	2-1096	Washer, condenser pack mounting ($\frac{3}{16}$ " $\times$ $\frac{3}{8}$ " $\times$.044")	2
79.	21-778	Nut, condenser pack mounting (number 10 U.N.F.)	2
80.	19-953	Horn relay (Lucas 33188)	
81.	19-1869	Tail lamp lead (Lucas 54953444)	
	17-1776	Battery, 12 volt (Lucas 54027029)	

*Other details are same as 19-981, headlamp.

NOTE:—Where no B.S.A. part number is quoted the part is only available from the makers.

Plate 21

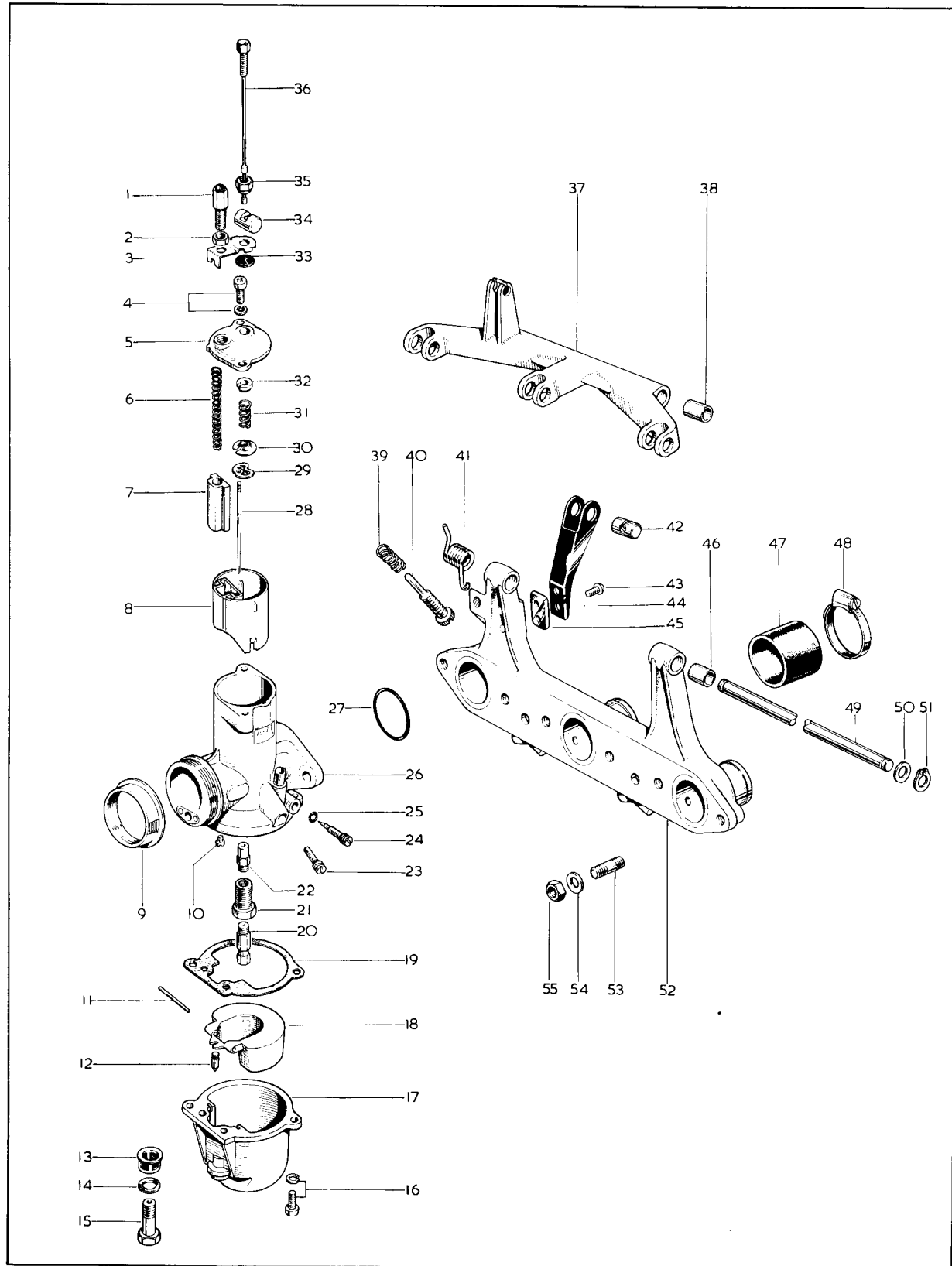


Plate 21

CARBURETTORS AND THROTTLE LINKAGE

Plate Ref.	Spares Number	Description	Per Set
	B.S.A. NO.	MAKERS NO.	
1.		4/035 Air cable adjuster	3
2.		5/077 Air cable adjuster locknut	3
3.		622/125 Seal locating clip	3
4.	19-3093	622/086 Screw and washer for top cap	6
5.		622/097 Carburetter top cap	3
6.	19-3092	622/065 Air valve spring	3
7.	19-3091	622/062 Air valve	3
8.	19-3138	622/060 Throttle valve	3
9.	70-9586	Adaptor, carburetter intake	3
10.		622/107 Pilot jet	3
11.		622/071 Float spindle	3
12.	19-3105	622/068 Needle for float	3
13.	19-3048	376/093 Petrol filter	3
14.		13/163 Fibre washer for banjo bolt	3
15.	19-3103	622/078 Banjo bolt, petrol pipe to float chamber	3
16.	19-3093	622/086 Screw and washer for float chamber	6
17.		622/050 Carburetter float chamber	3
18.	19-3102	622/069 Carburetter float	3
19.	19-3106	622/073 Float chamber gasket	3
20.	19-2873	376/100 Main jet (130 c.c.)	3
21.		622/080 Main jet holder	3
22.	19-3136	622/122 Needle jet (.106")	3
23.		622/133 Plug screw	3
24.		622/076 Pilot air adjusting screw	3
25.	19-3098	622/082 "O" ring for pilot air screw	3
26.	19-2409	L.626/15 Carburetter complete, left-hand (short air cable)	
26.	19-2415	R.626/16 Carburetter complete, centre (medium air cable)	
26.	19-2408	R.626/14 Carburetter complete, right-hand (long air cable)	
27.	19-3090	622/101 "O" ring, carburetter flange	3
28.	19-3137	622/124 Throttle needle	3
29.	19-3095	622/067 Clip for throttle needle	3
30.	60-1987	622/116 Retaining plate, throttle rod spring	3
31.	60-1960	622/113 Retaining spring, throttle rod	3
32.	60-1959	622/115 Retaining cap, throttle rod	3
33.		622/126 Seal washer, top cap	3
34.	70-9243	Trunnion, throttle linkage	3
35.	70-9253	Locknut, throttle rod	3
36.	60-1984	622/119 Throttle assembly	3
37.	70-9278	Arm assembly, throttle linkage	
38.	70-9073	Bush, throttle arm	2
39.	70-9254	Spring, adjuster screw	
40.	70-9252	Adjuster screw, throttle linkage	
41.	70-9880	Throttle return spring	
42.	70-9243	Trunnion, throttle linkage	
43.	21-1930	Screw, support arm to adaptor—first sets only (No. 10 U.N.F.)	2
43.	21-774	Screw, support arm to adaptor—after first sets	2
44.	70-9242	Support arm, throttle linkage	
45.	70-9534	Packing piece, for first sets only	
46.	70-9073	Bush, adaptor spindle	2
47.	70-9060	Connection tube	3
48.	60-707	"Jubilee" clip, connection tube	6
49.	70-9251	Spindle, throttle linkage	
50.	71-245	Backing washer, spindle	2
51.	70-9255	Circlip, spindle	2
52.	70-7633	Carburetter adaptor	
53.	21-673	Stud, carburetter mounting ($\frac{5}{16}$ " U.N.C./U.N.F. $\times 1\frac{1}{4}$ ")	6
54.	54-55	Washer, carburetter mounting	6
55.	14-302	Nut, carburetter mounting ($\frac{5}{16}$ " U.N.F.)	6

NOTE:—Where no B.S.A. part number is quoted, the part is only available from the makers.

Plate 22

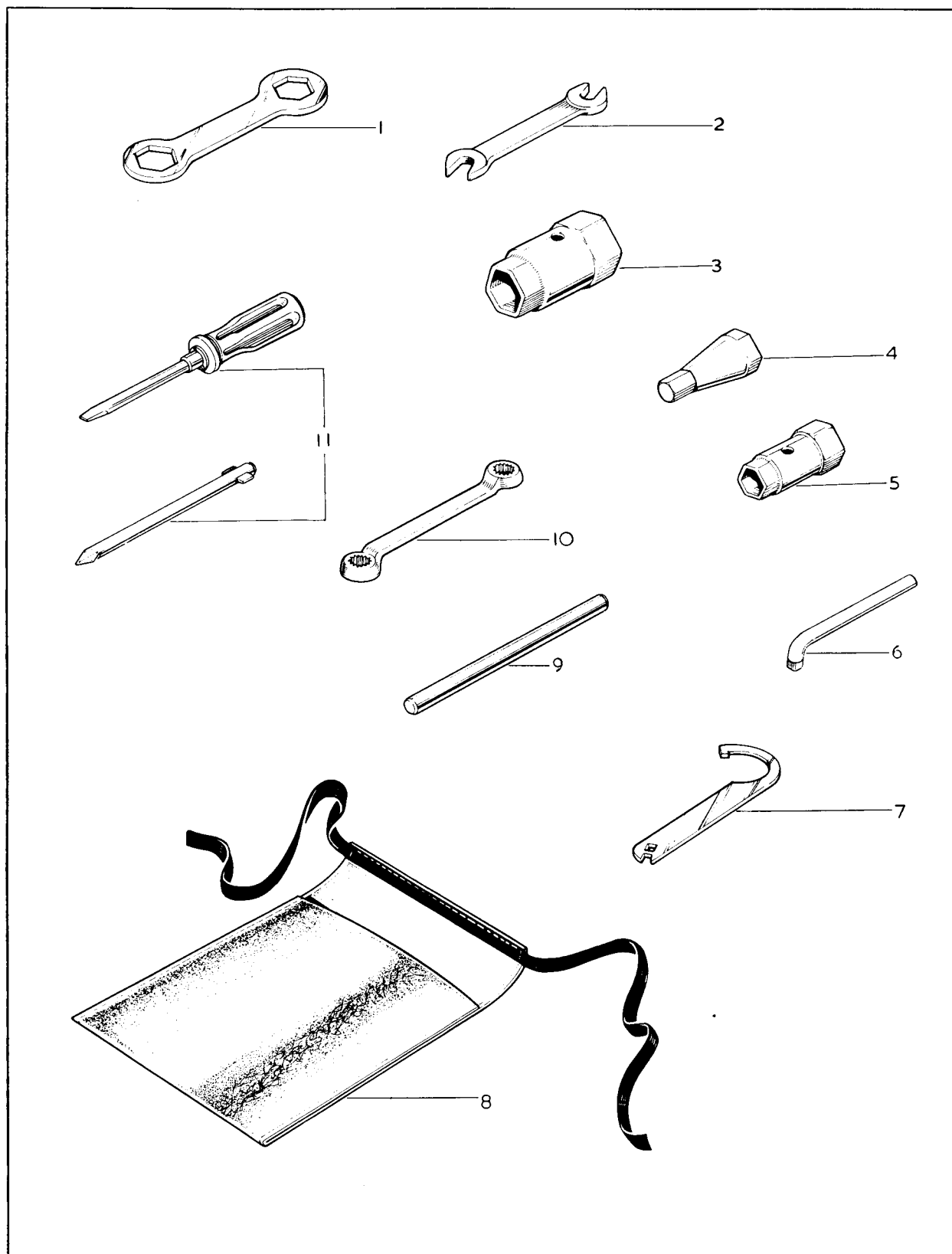


Plate 22

TOOL KIT

<i>Plate Ref.</i>	<i>Spares Number</i>	<i>Description</i>	<i>Per Set</i>
1.	60-311	Double-ended ring spanner ($\frac{5}{8}$ " $\times$ 11/16" WHIT.)	..
2.	60-2084	Double open-ended spanner ($\frac{1}{2}$ " $\times$ $\frac{7}{16}$ " A.F.)	..
3.	60-1908	Double-ended box spanner ($1\frac{1}{8}$ " $\times$ $1\frac{5}{16}$ " hexagon)	..
4.	60-1910	Spark plug spanner	..
5.	60-1909	Double-ended box spanner ($\frac{5}{8}$ " $\times$ 15/16" hexagon)	..
6.	60-2020	Tappet spanner	..
7.	75-9076	"C" spanner with square socket	..
8.	75-9089	Tool roll	..
9.	60-1911	Tommybar	..
10.	60-1907	Double-ended ring spanner ($\frac{7}{16}$ " $\times$ $\frac{1}{2}$ " hexagon)	..
11.	60-767	Screwdriver complete	..
	60-1912	Toolkit complete	..

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97-2273	.. 47	.. 17	.. 1	R.626/14	.. 57	.. 21	.. 26	54524048	.. 53	.. 20	.. 11
97-2275	.. 33	.. 11	.. 10	R.626/16	.. 5	.. —	.. —	54524099	.. 53	.. 20	.. 8
97-2290	.. 33	.. 11	.. 22	R.626/16	.. 57	.. 21	.. 26	54571677	.. 55	.. 20	.. 56
97-2291	.. 33	.. 11	.. 35	R.626/16	.. 57	.. 21	.. 26	54573590	.. 53	.. 20	.. 30
97-2293	.. 33	.. 11	.. 28	380	.. 55	.. 20	.. 48	54577109	.. 55	.. 20	.. 47
97-2294	.. 35	.. 12	.. 20	410	.. 53	.. 20	.. 6	54578212	.. 55	.. 20	.. 50
97-2295	.. 35	.. 12	.. 28	446	.. 53	.. 20	.. 6	54578213	.. 55	.. 20	.. 49
97-2297	.. 53	.. 20	.. 22	989	.. 53	.. 20	.. 31	54953444	.. 55	.. 20	.. 81
97-2300	.. 35	.. 12	.. 2	31563	.. 55	.. 20	.. 71	54934904	.. 53	.. 20	.. 23
97-2301	.. 35	.. 12	.. 2	31788	.. 55	.. 20	.. 63	54954246	.. 53	.. 20	.. 32
97-2621	.. 33	.. 11	.. 24	31899	.. 53	.. 20	.. 21	1/6280	.. 53	.. 20	.. 17
97-2622	.. 33	.. 11	.. 23	32000	.. 53	.. 20	.. 38	5307/05	.. 55	.. 20	.. 73
97-2672	.. 6	.. —	.. —	33188	.. 55	.. 20	.. 80	DF.9111/00	.. 53	.. 20	.. 25
97-2672	.. 35	.. —	.. —	34815	.. 55	.. 20	.. 61	RPM.3003/01	.. 53	.. 20	.. 14
97-3601	.. 33	.. 11	.. 43	35835	.. 55	.. 20	.. 67	SSM.5001/01	.. 53	.. 20	.. 15
97-3602	.. 33	.. 11	.. 37	36421	.. 53	.. 20	.. 16	SSM.5001/05	.. 53	.. 20	.. 15
97-3632	.. 53	.. 20	.. 12	38189	.. 53	.. 20	.. 20	41-1418-203-10	.. 53	.. 20	.. 18
97-3648	.. 43	.. 16	.. 2	38191	.. 53	.. 20	.. 19				
97-3682	.. 33	.. 11	.. 21	47209	.. 15	.. 3	.. 53				
97-3795	.. 41	.. 15	.. 51								
364/011	.. 43	.. 16	.. 19								