Replacement parts list 1972

750 cm³ model

Publication Ref.
00-5731



Replacement parts list

750cm³ model

A75 Rocket 3

Commencing

Engine number	JG.00101	A75R
Frame number	JG.00101	A75R

This parts list also covers 1971 models and supersedes publication 00-5723

Issued by
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1972 Publication
Ref. 00-5731

Printed in England
by B.S.A. Press

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.

SUFFIX NUMBERS TO BE USED TO IDENTIFY VARYING FINISHES

When ordering components with varying finishes, please state finish required by adding the APPROPRIATE SUFFIX TO THE PART NUMBER.

EXAMPLE: Fuel tank — Burgundy 82-8391/358

FUEL TANKS

Chromed, Burgundy sides, Gold lining	/357
Burgundy	/358

SIDECOVER, left

Burgundy top, black bottom	/359

SIDECOVER, right

Burgundy	/358

OTHER PARTS

Grey	/288
Silver sheen	/307
Chrome	/003

PRICES

No price codes are given in this list. For prices please refer to the latest edition of the Master Price List.

Details of thread forms and sizes are quoted after the description of nuts, bolts, screws, studs and washers. Such as: 14–0102 Bolt ($\frac{1}{4}$" UN.F. × $\frac{5}{8}$") = $\frac{1}{4}$" diameter unified fine thread, $\frac{5}{8}$" long under head.

ABBREVIATIONS (Screw Threads)

B.A. = British Association
B.S.C. = British Standard Cycle
B.S.F. = British Standard Fine
W.F. = Whitworth Form
UN.F. = Unified Fine
UN.C. = Unified Coarse
UN.S. = Unified Special

BRAKES (Lockheed)
Automotives Products Co. Ltd., P.O. Box 14, Southam Road, Banbury, Oxfordshire.

CARBURETTERS
Amal Ltd., Holdford Road, Witton, Birmingham 6.

CHAINS
Renolds, Wythenshawe, Manchester.

ELECTRICAL EQUIPMENT
Joseph Lucas Ltd., Great Hampton Street, Birmingham 18.

SUSPENSION UNITS
Girling Ltd., Birmingham Road, West Bromwich, Staffordshire.

SPARKING PLUGS
Champion Sparking Plug Co. Ltd., Feltham, Middlesex.

SPEEDOMETERS
Smith's Industries Ltd., Motor Accessory Division, 50 Oxgate Lane, Cricklewood, London N.W.2.

TYRES
Dunlop Co. Ltd., Fort Dunlop, Birmingham 24.

ASSEMBLIES COMPLETE

Spares No.	Description
00–7009	B.S.A. LOCTITE PLASTIC GASKET (10 bottle trade pack).
00–7007	B.S.A. LOCTITE (10 tube trade pack).
00–3172	TOP OVERHAUL GASKET SET.
00–3315	FULL OVERHAUL GASKET SET.
00–3466	PISTON RING SET (standard).
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 carburetters and exhaust system.
71–1351	OIL PUMP.
19–7800	CLUTCH ASSEMBLY.
57–3871	PRIMARY DRIVE SHOCK ABSORBER ASSEMBLY.
71–2422	CRANKCASE COMPLETE (left, centre and right).
83–3262	FRAME.
83–3243	SWINGING ARM WITH BUSHES.
97–4340	FRONT FORK COMPLETE.
37–3848	FRONT HUB WITH SPINDLE AND BEARINGS.
37–3846	FRONT WHEEL WITH SPINDLE AND BEARINGS.
37–3935	FRONT BRAKE ANCHOR PLATE WITH BRAKE.
37–3900	REAR HUB WITH SPINDLE AND BEARINGS.
37–3899	REAR WHEEL WITH SPINDLE AND BEARINGS.
37–3955	REAR BRAKE ANCHOR PLATE WITH BRAKE

PISTON CHART

PISTON COMPLETE

Compression Ratio	Standard	+·010″	+·020″	+·040″
9 : 1	70–9741	70–9762	70–9763	70–9764

PISTON RINGS (Standard)

Compression	Scraper	Set Number
70–6838 (6)	70–9739 (3)	00–3466

PISTON RINGS (+·010″)

70–9016 (6)	70–9766 (3)	00–3468

PISTON RINGS (+·020″)

70–9017 (6)	70–9767 (3)	00–3469

PISTON RINGS (+·040″)

70–9018 (6)	70–9768 (3)	00–3470

CARBURETTERS

Location	Spares No.	Amal No.	Main Jet	Throttle Slide	Needle Jet	Needle Position
Right Centre Left	19–2433 19–2434 19–2435	R.626/47 R.626/49 L.626/48	150	3½	·106	2

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		

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Plate 1

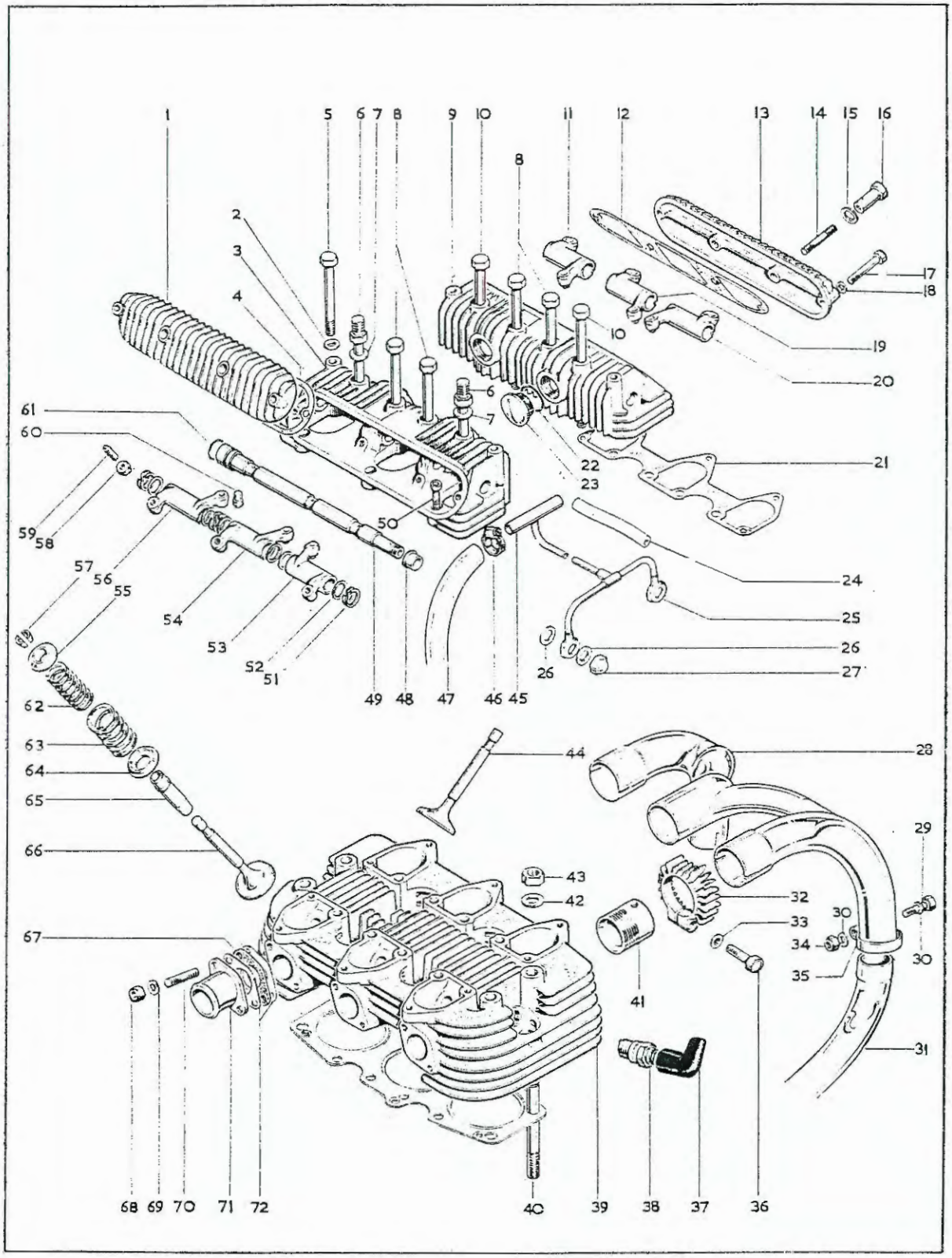

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Plate 1

CYLINDER HEAD — ROCKER BOXES — EXHAUST PIPES

Key No.	Spares No.	Description	Per Set
1	70-6563	Cover — inlet rocker box	1
2	54-9081	Washer — rocker box to cylinder head (·281″ × ·563″ × ·078″)	4
3	70-6561	Rocker box — inlet	1
5	14-6211	Bolt — rocker box to cylinder head (¼″ UN.C. × 3″)	4
6	71-0280*	Bolt — rocker box and engine steady (⅜″/$\frac{5}{16}$″ UN.F. × 4½″)	2
7	70-9240	Washer — rocker box bolt (·328″ × ·625″ × ·094″)	8
8	70-8820*	Bolt — rocker box to barrel (short)	4
9	70-6562	Rocker box — exhaust	1
10	70-8819*	Bolt — rocker box to barrel (long)	2
11	71-1290	Rocker — exhaust (left)	1
12	71-1445	Gasket — rocker box cover	1
13	70-6564	Cover — exhaust rocker box	1
14	14-1401	Stud — rocker box cover (¼″ UN.C./UN.F. × 1⅝″)	4
15	70-9239	Washer — rocker box cover fixing nut (·390″ × ·566″ × ·064″)	4
16	70-9237	Sleeve nut — rocker box cover fixing	4
17	14-0202	Bolt — rocker box cover (¼″ UN.F. × 1⅛″)	4
18	54-9081	Washer — rocker box cover (·281″ × ·563″ × ·078″)	4
19	71-1288	Rocker — exhaust (centre)	1
20	71-1287	Rocker — exhaust (right)	1
21	70-8773	Gasket — rocker box	2
22	70-8782	"O" ring — inspection cap	4
23	57-2166	Inspection cap — rocker box	4
24	71-1175	Connecting tube — oil feed pipes	1
25	71-1168	Oil pipe — rocker spindle	1
26	40-0159	Washer — rocker oil pipe (copper, ·380″ × ·656″ × ·036″)	4
27	21-0550	Domed nut — oil pipe to rocker spindles (⅜″ UN.F.)	2
28	71-1157	Exhaust manifold	1
29	14-0205	Bolt — exhaust pipe to manifold (¼″ UN.F. × 1½″)	2
30	54-9081	Washer — exhaust pipe to manifold bolt (·281″ × ·563″ × ·078″)	4
31	71-2455	Exhaust pipe — left	1
31	71-2457	Exhaust pipe — right	1
32	70-6743	Finned collar — exhaust pipe	3
33	70-8860	Spherical washer — finned collar	3
34	14-1201	Nut — exhaust pipe to manifold (¼″ UN.F.)	2
35	71-1160	Clamp — exhaust manifold	2
36	70-6744	Bolt — finned collar ($\frac{5}{16}$″ UN.F. × 1$\frac{3}{16}$″)	3
37	19-7641	Cover — spark plug (Champion WC.200)	3
38	19-7606	Spark plug (Champion N3)	3

Plate 1—*contd.*

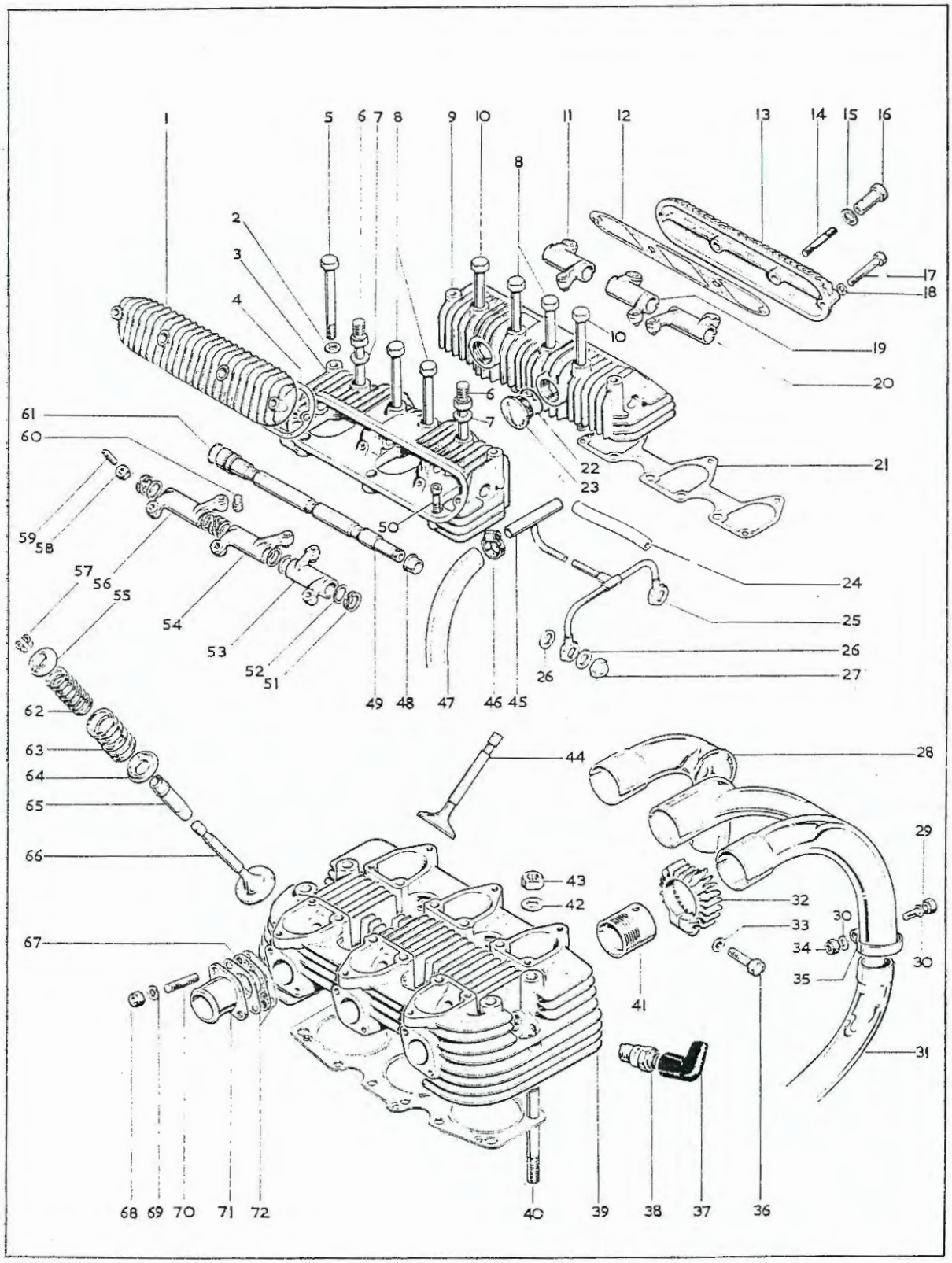


Plate 1—*contd.*

CYLINDER HEAD — ROCKER BOXES — EXHAUST PIPES

Key No.	Spares No.	Description	Per Set
39	70–8781	Cylinder head with fixed fittings	1
40	21–0686*	Stud — head to barrel (⅜″ UN.C./UN.F. × 4¾″)	4
41	70–9510	Adaptor — exhaust pipe	3
42	02–0861	Washer — head to barrel stud (·380″ × ·750″ × ·092″)	4
43	14–0303	Nut — head to barrel stud (⅜″ UN.F.)	4
44	70–6423	Valve — exhaust	3
45	71–1172	Oil connecting pipe — engine to cooler and rocker feed	1
46	60–0702	Jubilee clip — oil pipes	6
47	70–8905	Flexible pipe — rocker oil feed	1
48	70–6018	Bush — rocker spindle	2
49	70–9558	Rocker spindle assembly	2
50	14–7004	Screw — rocker box to cylinder head (¼″ UN.C. × ¾″)	6
51	40–0156	Washer — spring rocker spindle	6
52	40–0158	Thrust washer — rocker spindle	12
53	71–1288	Rocker — inlet (right)	1
54	71–1287	Rocker — inlet (centre)	1
55	70–8720	Collar — valve spring (top)	6
56	71–1289	Rocker — inlet (left)	1
57	40–0167	Split collet — valve spring	12
58	14–0402	Nut — rocker lever adjusting pin	6
59	70–8783	Adjusting pin — rocker lever	6
60	71–0070	Rocker ball pin	6
61	60–3548	"O" ring — rocker spindle	2
62	70–8787	Valve spring — inner	6
63	70–8788	Valve spring — outer	6
64	70–8789	Cup — valve spring (bottom)	6
65	70–6420	Valve guide	6
66	70–6422	Valve — inlet	3
67	70–8981	Insulating washer — inlet stub	3
68	14–1301	Nut — inlet stub fixing (¼″ UN.F.)	6
69	40–2705	Washer — inlet stub fixing (·266″ × ·469″ × ·064″)	6
70	21–0557	Stud — inlet stub fixing (¼″ UN.F./UN.C. × 1 5/32″)	6
71	70–7983	Inlet stub — cylinder head	3
72	71–1446	Gasket — inlet stub	6

*Special material: **6**—EN16. **8**—EN16. **10**—EN16. **40**—EN8

Plate 2

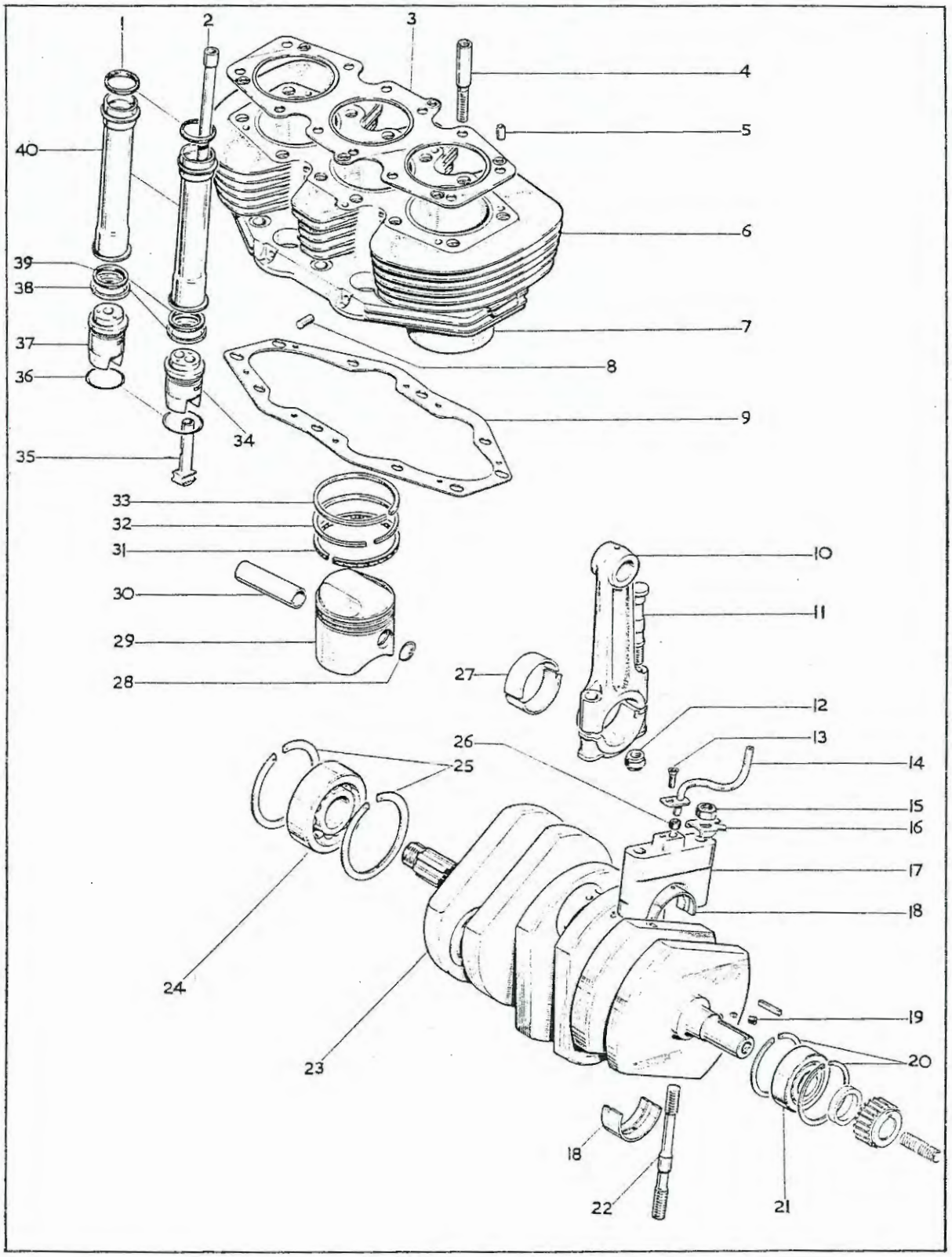

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Plate 2 CYLINDER — PISTONS — CRANKSHAFT

Key No.	Spares No.	Description	Per Set
1	70-4752	Washer — push rod cover joint	4
2	71-1238	Push rod — inlet and exhaust	6
3	71-1733	Gasket — cylinder head	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	Liner — cylinder barrel	3
8	70-9465	Dowel — tappet block	4
9	70-6496	Gasket — cylinder base	1
10	70-9740	Connecting rod — complete assembly	3
11	70-9727*	Bolt — connecting rod	6
12	60-3761	Nut — connecting rod bolt ($\frac{5}{16}$" UN.F.)	6
13	40-0242	Screw — oil pipe to bearing cap (2 B.A. × 27/64" countersunk)	2
14	70-8746	Oil pipe — tappet feed (left)	1
14	70-8748	Oil pipe — tappet feed (right)	1
15	14-0503	Nut — main bearing cap ($\frac{3}{8}$" UN.F.)	4
16	71-1129	Tab washer — main bearing cap nut	4
17		Cap — main bearing (supplied only with crankcase)	2
18	70-6023	Shell — main bearing (standard)	4
18	70-9027	Shell — main bearing (·010" undersize)	4
18	70-9028	Shell — main bearing (·020" undersize)	4
18	70-9029	Shell — main bearing (·030" undersize)	4
18	70-9030	Shell — main bearing (·040" undersize)	4
19	70-6577	Plug — crankshaft oilway	3
20	70-6026	Circlip — right bearing retaining	2
21	70-8780	Bearing — crankshaft right (Hoffmann R.125)	1
22	70-8745*	Stud — main bearing cap ($\frac{3}{8}$" UN.F./UN.C. × 4$\frac{7}{8}$")	4
23	70-8778	Crankshaft assembly	1
24	70-1591	Bearing — crankshaft left (Hoffmann MS.11)	1
25	70-6025	Circlip — left bearing retaining	2
26	70-9843	Rubber seal — tappet feed pipe	4
27	70-5998	Shell — connecting rod big-end (standard)	6
27	70-9023	Shell — connecting rod big-end (·010" undersize)	6
27	70-9024	Shell — connecting rod big-end (·020" undersize)	6
27	70-9025	Shell — connecting rod big-end (·030" undersize)	6
27	70-9026	Shell — connecting rod big-end (·040" undersize)	6
28	70-6840	Circlip — gudgeon pin	6
29	70-9741†	Piston complete (standard)	3
30	70-6836	Gudgeon pin	3
31	70-9739†	Piston ring — scraper (standard)	3
32	70-6838†	Piston ring — compression (standard)	3
33	70-6838†	Piston ring — compression (standard)	3
34	70-6509	Tappet block — right	2
35	70-8917	Inlet and exhaust tappet	6
36	70-6560	"O" ring — tappet block	4
37	70-6508	Tappet block — left	2
38	70-4746	Cup — push rod cover (bottom)	4
39	70-4752	Washer — push rod cover joint	4
40	70-6955	Cover tube — push rod	4

†For piston details see page 6.

*Special material: **4**—EN8R. **11**—3AE.4042 condition 75 con. **22**—EN16.

Plate 3

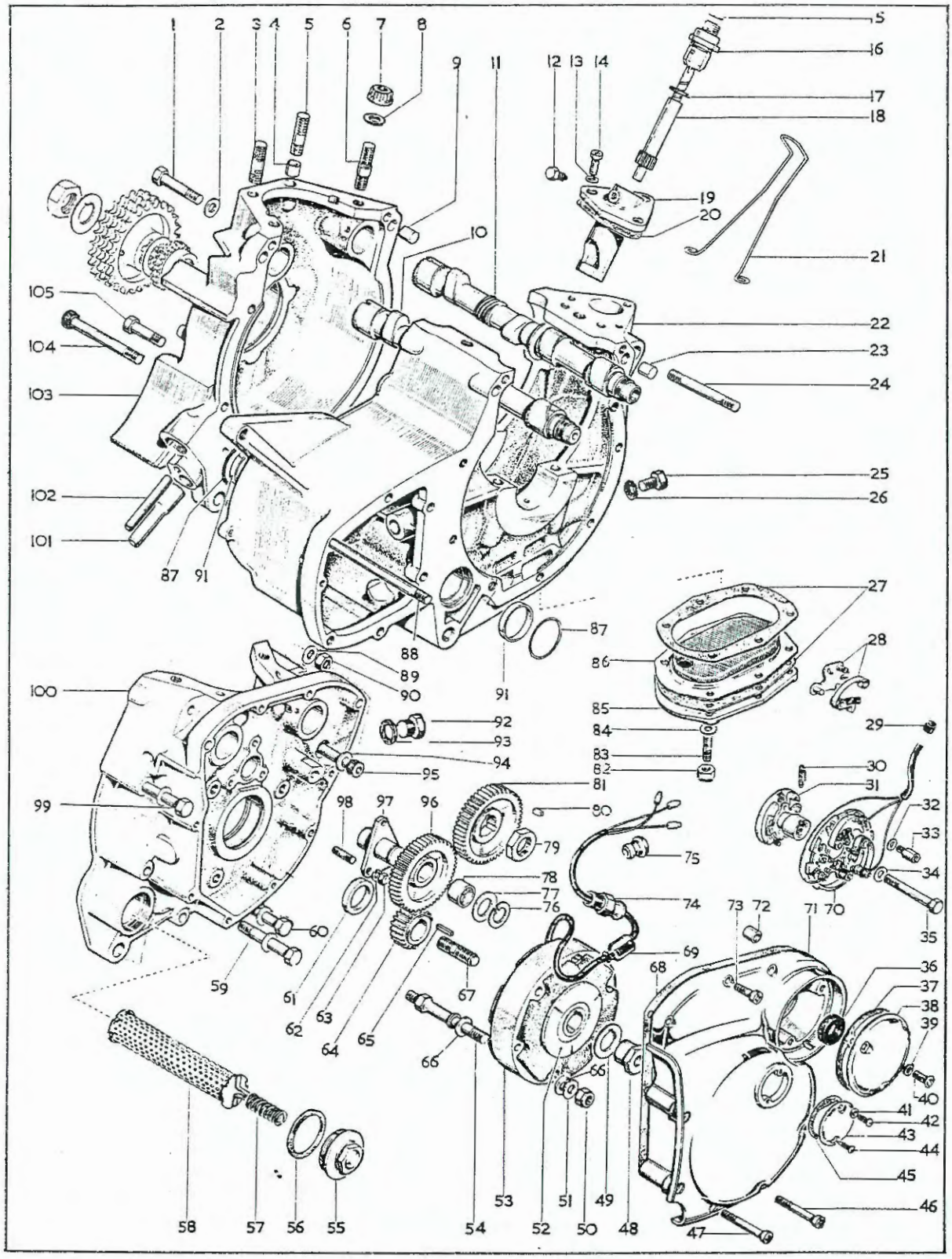

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Plate 3

CRANKCASE — TIMING GEARS — OIL FILTERS

Key No.	Spares No.	Description	Per Set
1	14-6220	Bolt — crankcase ($\frac{5}{16}$" UN.C. × $1\frac{3}{4}$")	2
2	54-0055	Washer — crankcase bolt (·344" × ·625" × ·063")	8
3	21-1931*	Stud — cylinder base ($\frac{3}{8}$" UN.C./UN.F. × $1\frac{3}{4}$")	4
4	70-8751	Dowel — cylinder base location	2
5	70-8738*	Stud — cylinder base at dowel position ($\frac{3}{8}$" UN.F. × $1\frac{13}{16}$")	2
6	21-1912*	Stud — cylinder base ($\frac{3}{8}$" UN.C./UN.F. × $1\frac{5}{8}$")	4
7	21-0692	Nut — cylinder base stud (12 point $\frac{3}{8}$" UN.F.)	10
8	70-8770	Washer — cylinder base stud (·391" × ·625" × ·064")	10
9	70-8774	Dowel — crankcase	2
10	70-8764	Camshaft — inlet	1
11	70-8765	Camshaft — exhaust	1
12	70-8744	Bolt — tachometer drive locating ($\frac{1}{4}$" UN.C. × $\frac{11}{32}$")	1
13	90-0262	Washer — fibre, tachometer drive fixing (·265" × ·390" × ·031")	2
14	14-6606	Screw — tachometer housing to crankcase ($\frac{1}{4}$" UN.C. × $\frac{3}{4}$")	3
15	70-6299	"O" ring — driven gear	1
16	70-8742	Housing — tachometer drive bearing	1
17	40-0323	"O" ring — tachometer drive	1
18	70-8741	Driven gear — tachometer drive	1
19	70-8740	Housing — tachometer drive driven gear	1
20	71-1439	Gasket — tachometer drive housing	1
21	70-9706	Support wire — tachometer cable	1
22	†	Crankcase — centre section	1
23	70-8774	Dowel — crankcase location	2
24	14-1427	Stud — crankcase ($\frac{5}{16}$" UN.C./UN.F. × 3")	2
25	14-6113	Oilway plug ($\frac{5}{16}$" UN.C. × $\frac{5}{8}$")	2
26	70-8776	Washer — oilway plug	2
27	71-1444	Gasket — scavenge cover	2
28	19-1865	Contact set (Lucas 54419828)	1
29	70-8756	Grommet — contact breaker lead	1
30	19-1888	Spring — auto-advance unit (Lucas 54417992)	2
31	19-1864	Auto-advance unit (Lucas 54419867)	1
32	70-6559	Washer — contact breaker plate (·203" × ·375" × ·056")	3
33	70-6521	Pillar bolt — contact breaker plate (2 B.A. × $1\frac{3}{32}$")	3
34	68-0331	Washer — auto-advance unit bolt (·280" × ·500" × ·064")	1
35	14-0208	Bolt — auto-advance unit ($\frac{1}{4}$" UN.F. × $2\frac{1}{4}$")	1
36	76-0291	Oil seal — contact breaker	1
37	71-1441	Gasket — contact breaker cover	1
38	70-6519	Cover — contact breaker	1
39	54-0042	Fibre washer — contact breaker cover screw	3
40	54-9012	Screw — contact breaker cover (2 B.A. × $\frac{11}{32}$")	3

†Supplied only as Crankcase complete, 71-2422

Plate 3—*contd.*

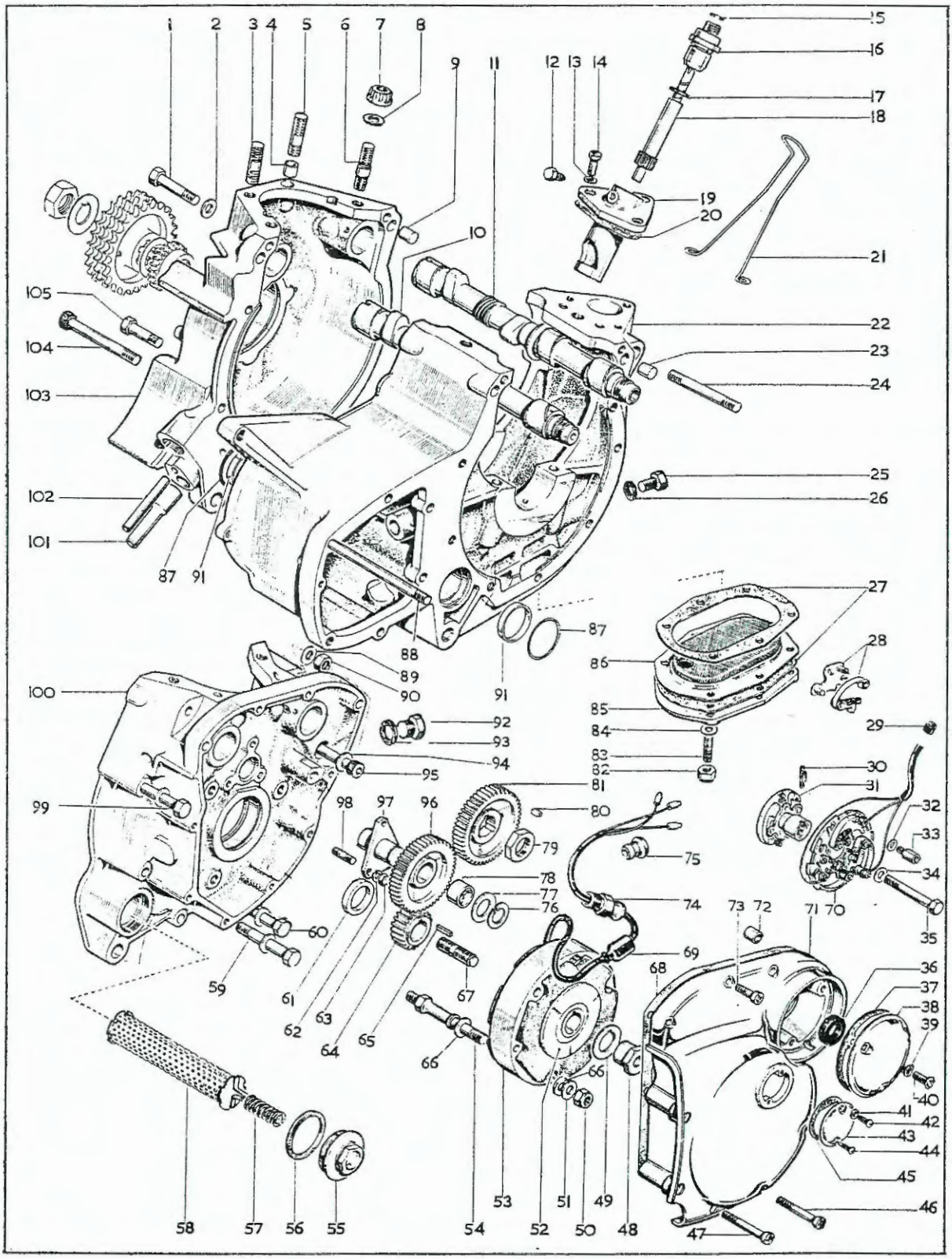


Plate 3—*contd.*

CRANKCASE — TIMING GEARS — OIL FILTERS

Key No.	Spares No.	Description	Per Set
41	70-9266	Washer — screw and pointer, timing aperture (·156″ × ·250″ × ·031″) ..	2
42	71-1130	Screw — timing aperture (4 B.A. × $\frac{5}{16}$″)	1
43	70-7879	Cover — timing aperture	1
44	71-0006	Pointer screw — timing aperture (4 B.A. × $\frac{11}{16}$″)	1
45	71-1443	Gasket — timing aperture	1
46	14-6611	Screw — timing cover ($\frac{1}{4}$″ UN.C. × 1$\frac{3}{4}$″)	1
47	14-6612	Screw — timing cover ($\frac{1}{4}$″ UN.C. × 2″)	4
48	70-8763	Nut — rotor mounting ($\frac{7}{16}$″ UN.F.)	1
49	75-0223	Lockwasher — rotor mounting	1
50	21-1852	Nut — stator mounting ($\frac{5}{16}$″ UN.F.)	3
51	54-0055	Washer — stator mounting (·344″ × ·625″ × ·063″)	3
52	19-1260	Alternator rotor (Lucas 54210937)	1
53	19-1259	Alternator stator (Lucas 47209)	1
	19-1258	Alternator complete	1
54	70-6522*	Stud — stator mounting	3
55	71-1270	Cap — oil filter	1
56	71-1070	"O" ring — oil filter cap	1
57	70-6130	Spring — filter mounting	1
58	70-6571	Oil filter (Fram CA.2818)	1
59	14-6226	Bolt — crankcase fixing ($\frac{5}{16}$″ UN.C. × 3$\frac{1}{4}$″)	4
60	14-6218	Bolt — crankcase fixing ($\frac{5}{16}$″ UN.C. × 1$\frac{3}{8}$″)	1
61	70-6173	Distance piece — timing pinion	1
62	54-0022	Washer — spring gear spindle stud nut	3
63	14-0401	Nut — gear spindle stud ($\frac{1}{4}$″ UN.F.)	3
64	70-6524	Timing pinion — crankshaft	1
65	70-3974	Key — crankshaft pinion and rotor	1
66	02-0370	Distance piece — stator (Use only with RM20/21 Alternator)	6
67	21-0548*	Stud — crankshaft ($\frac{7}{16}$″ UN.F./UN.C. × 1$\frac{3}{8}$″)	1
68	71-1348	Gasket — timing cover	1
69	68-0209	Grommet — alternator lead, internal	1
70	19-1863	Contact breaker plate (Lucas 54419327)	1
71	70-7738	Cover — timing gears	1
72	76-0217	Dowel — timing cover locating	2
73	14-6608	Screw — timing cover to crankcase ($\frac{1}{4}$″ UN.C. × 1″)	5
74	70-8760	Nut — alternator cable sleeve	1

Plate 3—*Cont.*

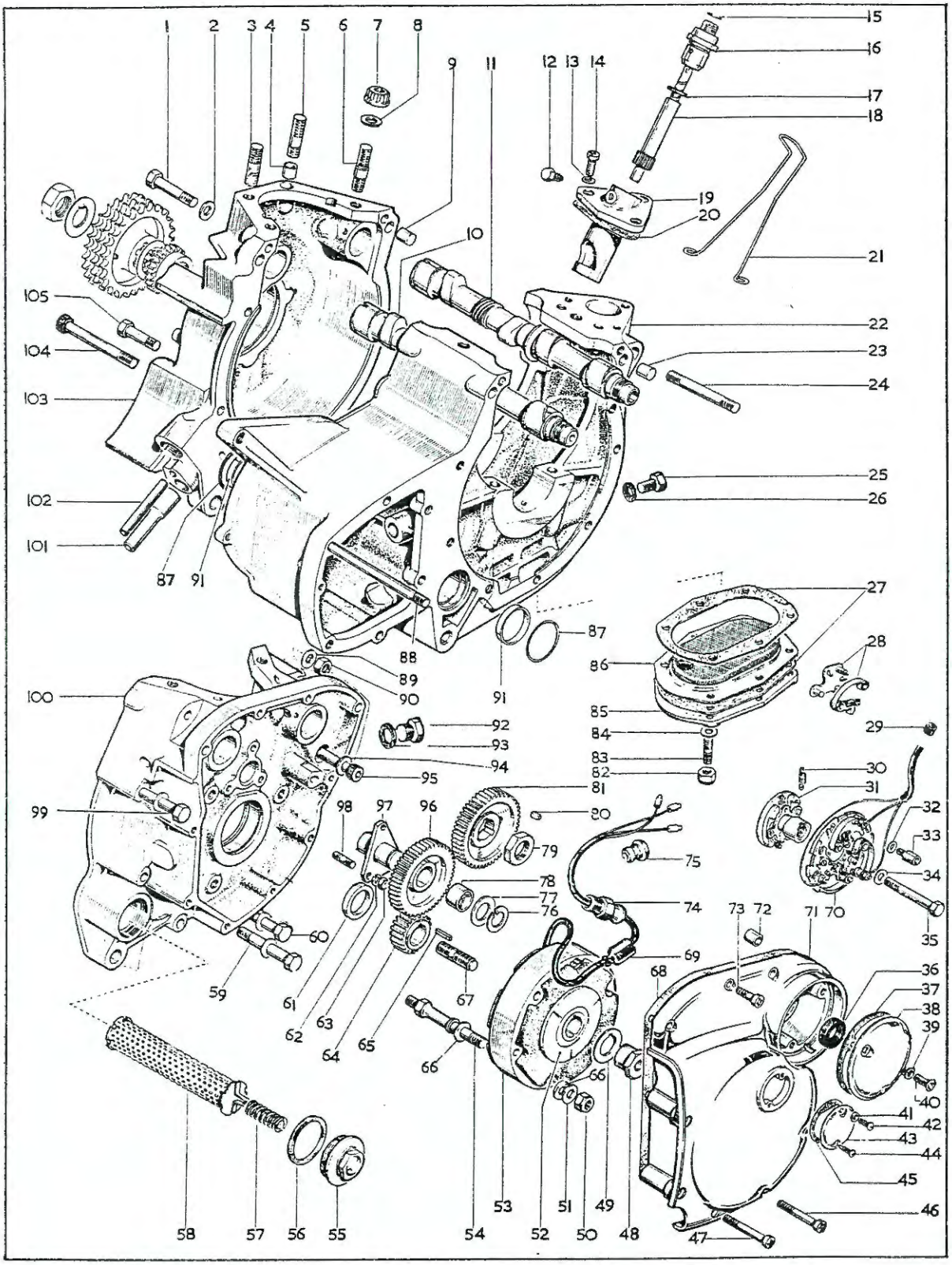

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Plate 3—*cont.*

CRANKCASE — TIMING GEARS — OIL FILTERS

Key No.	Spares No.	Description	Per Set
75	70–9807	Grommet — alternator lead, external	1
76	70–8768	Circlip — idler gear retaining	1
77	71–2249	Thrust washer — idler gear	1
78	71–2248	Bush — idler gear	1
79	70–6523	Nut — camshaft pinion	2
80	70–1558	Key — camshaft pinion	2
81	71–2718	Camshaft pinion	2
82	14–1301	Nut — sump fixing ($\frac{1}{4}$" UN.F.)	1
83	71–1349	Stud — scavenge cover ($\frac{1}{4}$" UN.C./UN.F. × $\frac{7}{8}$")	6
84	60–2320	Washer — scavenge cover bolt (·270" × ·562" × ·056")	6
85	70–6580	Scavenge cover	1
86	70–6501	Filter — scavenge cover	1
87	71–1070	"O" ring — filter seal	2
88	21–1813	Stud — gearbox cover ($\frac{5}{16}$" UN.C./UN.F. × 4$\frac{3}{4}$")	2
89	54–0055	Washer — crankcase stud (·313" × ·625" × ·063")	2
90	14–0302	Nut — crankcase stud ($\frac{5}{16}$" UN.F.)	2
91	70–9856	Sleeve — filter "O" ring	2
92	70–8755	Plug — timing aperture	1
93	70–1523	Washer — fibre, timing aperture plug (·563" × ·844" × ·064")	1
94	54–0055	Washer — crankcase bolt (·313" × ·625" × ·063")	7
95	21–0678	Allen screw — crankcase fixing ($\frac{5}{16}$" UN.C. × 3$\frac{7}{8}$")	1
96	71–2246	Idler gear complete	1
97	71–2250	Spindle — idler gear	1
98	21–0547	Stud — intermediate gear spindle ($\frac{1}{4}$" UN.C./UN.F. × $\frac{7}{8}$")	3
99	14–6223	Bolt — crankcase fixing ($\frac{5}{16}$" UN.C. × 2$\frac{1}{2}$")	1
100	†	Crankcase — right	1
101	70–6573	Stub — oil return pipe	1
102	70–6574	Stub — oil feed pipe	1
103	†	Crankcase — left	1
104	14–6226	Bolt — crankcase fixing ($\frac{5}{16}$" UN.C. × 3$\frac{1}{4}$")	5
105	14–6218	Bolt — crankcase fixing ($\frac{5}{16}$" UN.C. × 1$\frac{3}{8}$")	1

†Supplied only as crankcase complete, 71–2422.

*Special material: **3**—EN16R. **5**—EN8R. **6**—EN8R. **54**—EN8R. **67**—EN8R.

Plate 4

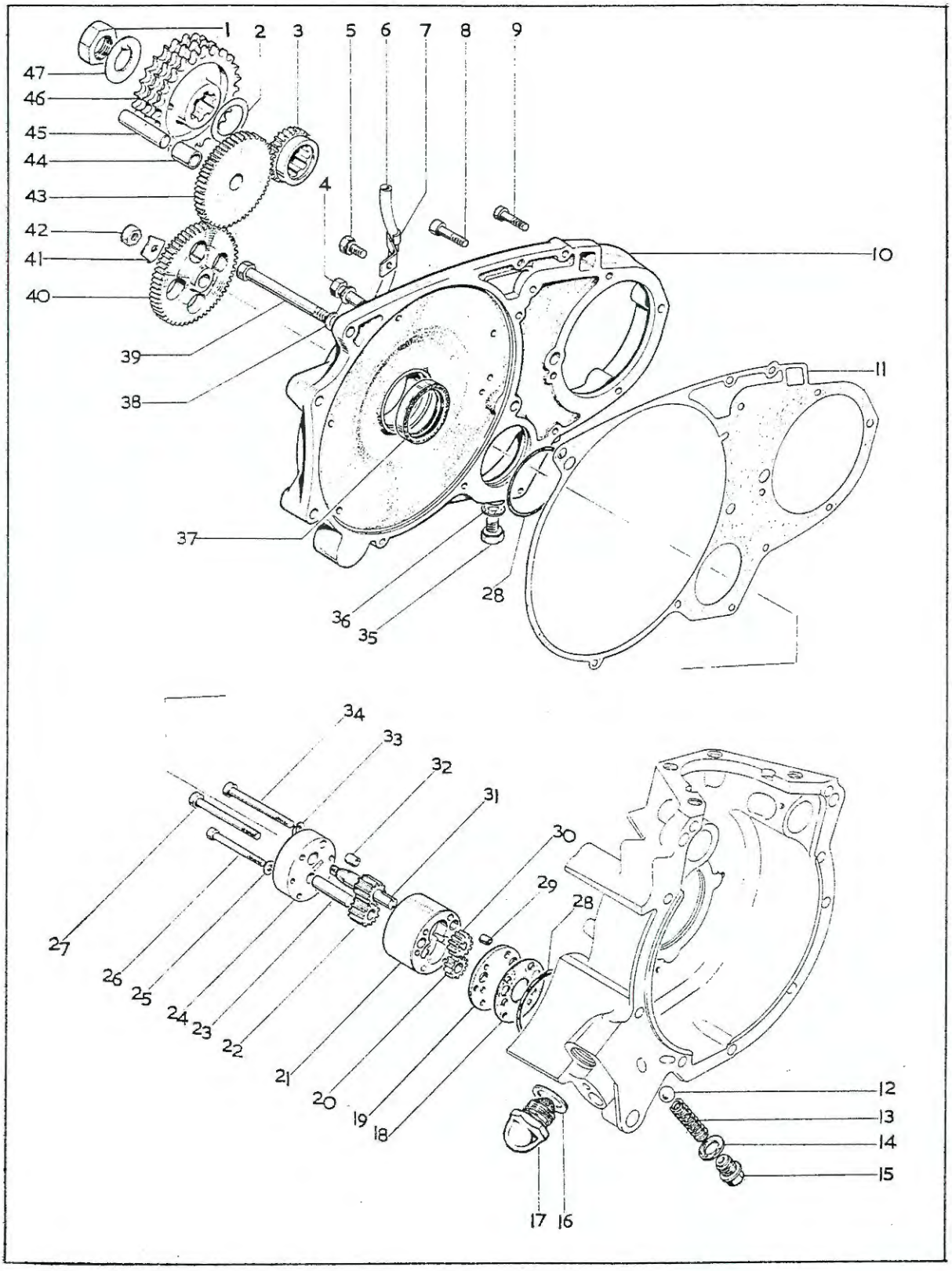

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Plate 4

INNER PRIMARY COVER — OIL PUMP — GEARS

Key No.	Spares No.	Description	Per Set
1	21-0585	Nut — engine sprocket ($\frac{3}{4}$" UN.F.)	1
2	40-0066	Shim — engine sprocket (·010")	as reqd.
2	71-2660	Shim — engine sprocket (·030")	as reqd.
3	70-7248	Gear — oil pump driving	1
4	21-1820	Bolt — inner cover to crankcase ($\frac{5}{16}$" UN.C. × $4\frac{1}{2}$")	1
5	14-6101	Bolt — chain oiler clip ($\frac{1}{4}$" UN.C. × $\frac{1}{2}$")	1
6	70-8786	Chain oiler pipe	1
7	70-4705	Clip — chain oiler pipe	1
8	14-7006	Screw — allen, inner cover to crankcase ($\frac{1}{4}$" UN.C. × 1")	7
9	14-6606	Screw — inner cover to crankcase ($\frac{1}{4}$" UN.C. × $\frac{3}{4}$")	2
10	57-4018	Cover — inner primary, with fixed fittings	1
11	71-1453	Gasket — inner cover to crankcase	1
12	60-2370	Ball — oil control valve ($\frac{7}{16}$")	1
13	70-6567	Spring — oil control valve	1
14	71-2792	Washer — copper, oil control valve	1
15	70-6584	Plug — oil control valve	1
16	70-1670	Washer — valve body to crankcase (·860" × ·122" × ·036")	1
17	71-2369	Oil pressure release valve complete	1
18	71-1442	Gasket — oil pump to crankcase	1
19	70-6502	Plate — oil pump base	1
20	70-6038	Feed gear — oil pump, driven	1
21	71-1351	Oil pump complete	1
22	70-6039	Scavenge gear — oil pump, driven	1
23	70-6454	Spindle — driven gears	1
24	70-9885	Cover — oil pump	1
25	70-8731	Washer — spring, oil pump cover screw (·172" × ·348" × ·048")	2
26	21-0559	Screw — oil pump cover to body (3 B.A. × 2")	2
27	71-0003	Screw — oil pump to crankcase (2 B.A. × $2\frac{1}{2}$")	3
28	70-6570	"O" ring — oil pump to crankcase and cover	2
29	70-1532	Dowel — oil pump locating	1
30	70-6455	Feed gear — oil pump, driving	1
31	70-9887	Scavenge gear — oil pump, driving	1
32	70-6459	Dowel — oil pump cover locating	1
33	70-8732	Washer — spring, oil pump screw (·203" × ·331" × ·064")	4
34	70-9601	Screw — oil pump to crankcase dowel position (2 B.A. × $2\frac{3}{4}$")	1
35	21-0536	Drain plug — primary cover	1
36	70-0402	Washer — fibre, drain plug (·375" × ·563" × ·064")	1
37	57-3642	Oil seal — clutch shaft	1
38	54-0055	Washer — inner cover to crankcase bolt (·313" × ·625" × ·063")	2
39	21-1819	Bolt — inner cover to crankcase ($\frac{5}{16}$" UN.C. × $4\frac{1}{4}$")	1
40	70-9886	Gear — oil pump driven	1
41	71-1353	Tab washer — oil pump gear fixing	1
42	14-0402	Nut — oil pump gear fixing ($\frac{5}{16}$" UN.F.)	1
43	70-7246	Idler gear — oil pump drive	1
44	70-6885	Bush — oil pump idler gear	1
45	71-1051	Spindle — oil pump idler gear	1
46	70-6890	Engine sprocket (28T)	1
47	70-8785	Lockwasher — engine sprocket	1

Plate 5

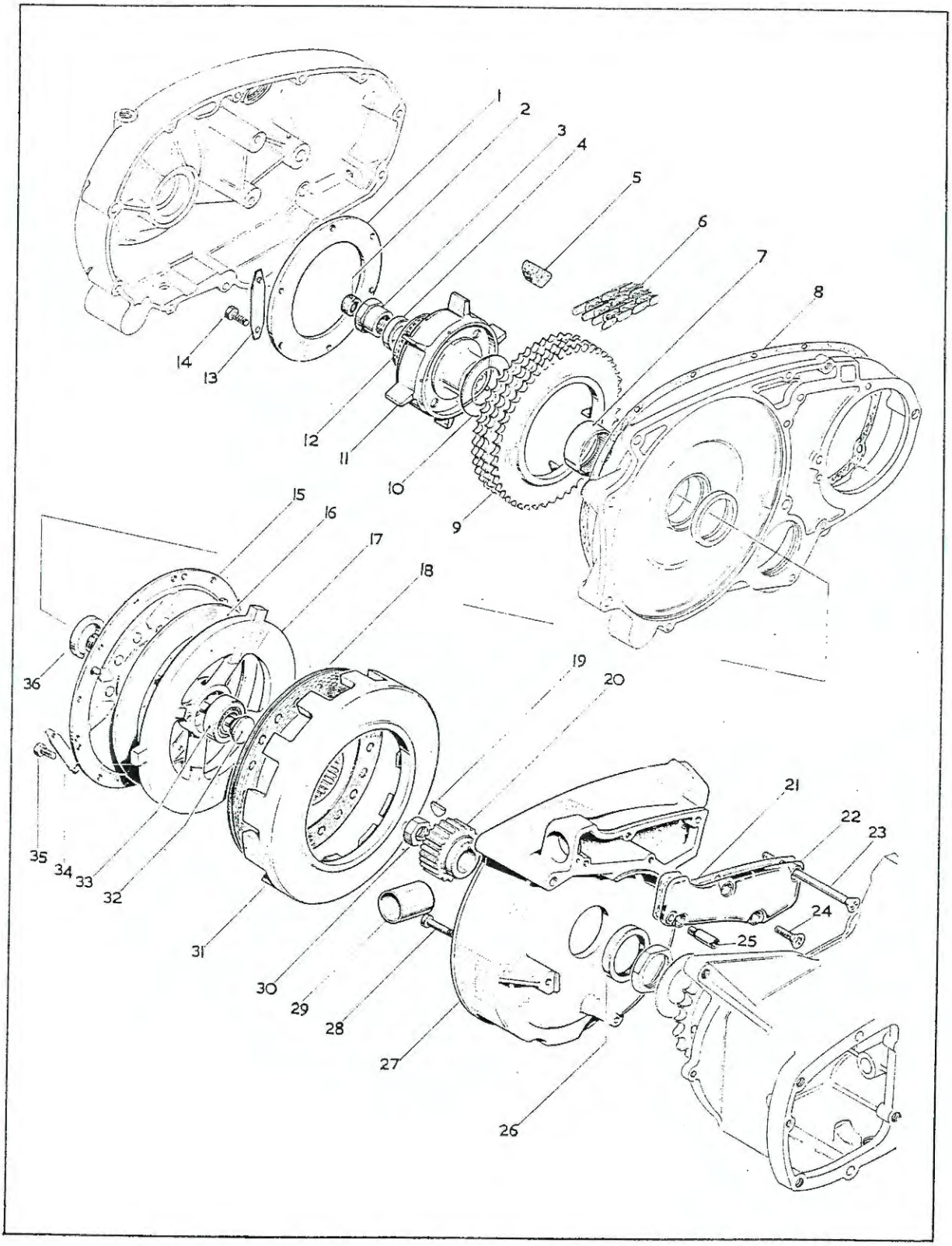

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Plate 5

CLUTCH — SHOCK ABSORBER

Key No.	Spares No.	Description	Per Set
	19–7800	Clutch assembly complete	1
	19–7809	Facing pack for friction plate (3SC.76014)	1
	57–3871	Shock absorber assembly	1
1	57–4004	Retaining plate — shock absorber	1
2	57–3644	Oil seal — clutch pull rod	1
3	57–2480	Nut — shock absorber	1
4	57–2478	Distance piece — shock absorber nut	1
5	57–4324	Rubber — shock absorber	12
6	19–8692	Primary chain — (Triplex endless, 82 pitch; Renold 116 038)	1
7	57–3643	Needle bearing — clutch shaft (INA. SC.228)	1
8	71–1454	Gasket — outer primary cover	1
9	57–4225	Sprocket — shock absorber	1
10	57–2214	Thrust washer — shock absorber sprocket	1
11	57–4323	Spider — shock absorber	1
12	57–3646	Thrust race — shock absorber (Torrington NTA.2233)	1
13	57–3941	Tab washer — shock absorber retaining plate bolt	3
14	57–3940	Bolt — shock absorber retaining plate (2 B.A. × $\frac{3}{8}$″)	6
15	19–7801	End cover assembly — clutch	1
16	19–7805	Clutch spring	1
17	19–7804	Pressure plate — clutch	1
18	19–7803	Friction plate — clutch	1
19	68–3218	Key — clutch hub to mainshaft	1
20	57–2580	Clutch hub	1
21	71–1452	Gasket — breather duct	1
22	57–2555	Cover — breather duct	1
23	14–6515	Screw — breather duct cover to inner cover ($\frac{1}{4}$″ UN.C. × 4″)	1
24	21–0680	Screw — cover to clutch cover (10 × 24 UN.C. × $\frac{3}{8}$″)	3
25	57–3756	Adaptor — oil tank breather pipe	1
26	57–3642	Oil seal — cover to mainshaft	1
27	57–2554	Clutch cover	1
28	14–6610	Screw — cover to crankcase ($\frac{1}{4}$″ UN.C. × 1$\frac{1}{2}$″)	3
29	57–2557	Breather tube	1
30	21–0681	Nut — clutch hub to mainshaft ($\frac{9}{16}$″ UN.F.)	1
31	19–7802	Clutch housing	1
32	57–2552	Clutch pull rod	1
33	19–7808	Bearing — clutch pressure plate	1
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	1

Plate 6

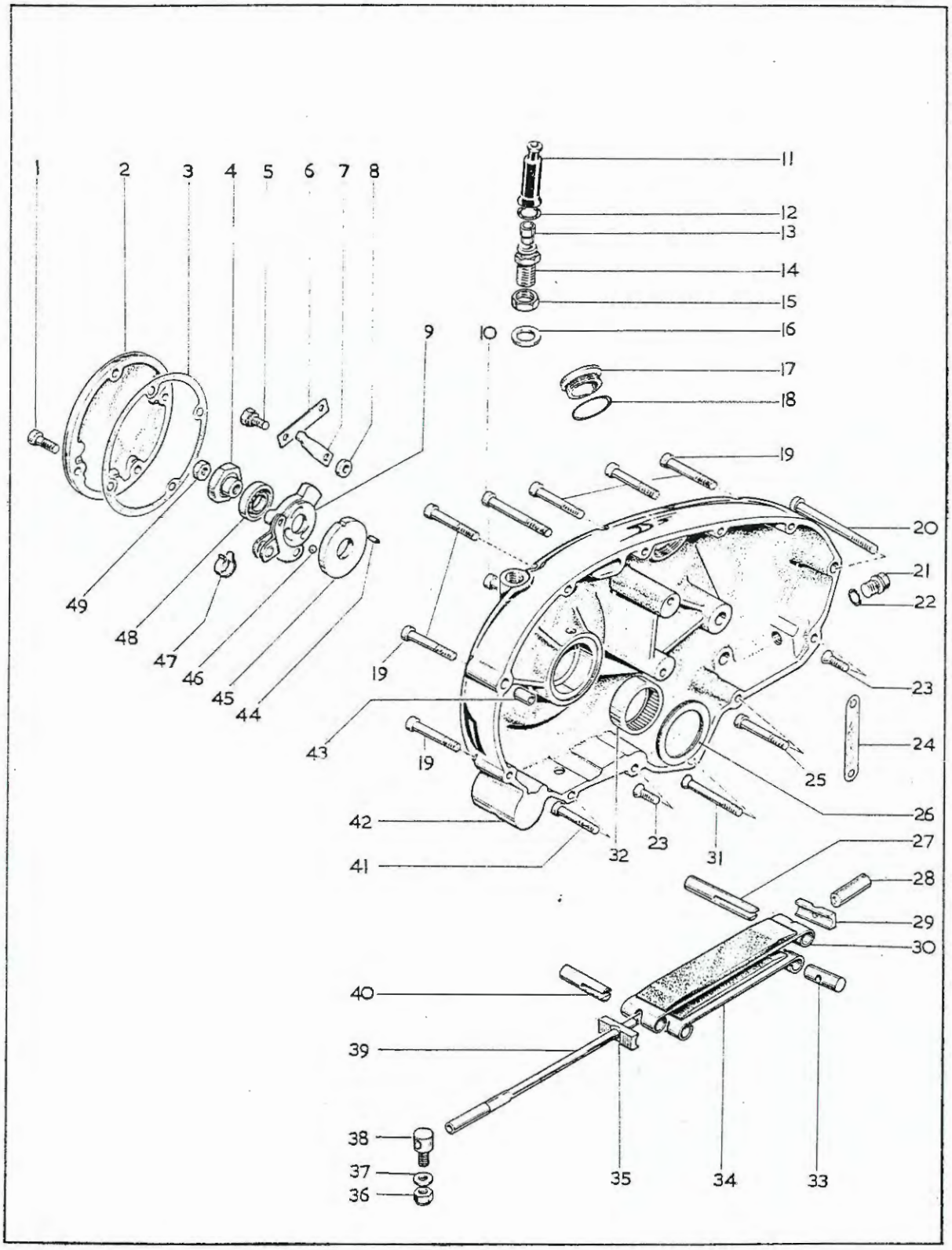

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Plate 6
OUTER PRIMARY COVER — CHAIN TENSIONER — CLUTCH CONTROL

Key No.	Spares No.	Description	Per Set
1	14–6605	Screw — inspection cover ($\frac{1}{4}$" UN.C. × $\frac{5}{8}$")	4
2	57–3954	Inspection cover	1
3	71–1449	Gasket — inspection cover	1
4	57–2553	Sleeve nut — clutch pull rod	1
5	14–6102	Bolt — thrust plate spring ($\frac{1}{4}$" UN.C. × $\frac{3}{8}$")	2
6	57–2474	Tab washer — thrust plate spring	1
7	57–2473	Spring — clutch thrust plate	2
8	57–3638	Distance piece — clutch thrust plate spring	2
9	57–2547	Clutch lever	1
10	14–6613	Screw — primary outer cover ($\frac{1}{4}$" UN.C. × $2\frac{1}{4}$")	2
11	68–3264	Grommet — clutch cable	1
12	57–3733	Sealing ring — clutch cable	1
13	57–1645	Adaptor — clutch cable	1
14	57–2220	Abutment — clutch cable	1
15	21–0567	Nut — clutch cable abutment ($\frac{1}{2}$" UN.C.)	1
16	57–3990	Washer — clutch cable abutment locknut	1
17	57–2166	Plug — chain inspection	1
18	70–8782	"O" ring — inspection plug	1
19	14–6611	Screw — outer cover ($\frac{1}{4}$" UN.C. × $1\frac{3}{4}$")	6
20	14–6615	Screw — outer cover ($\frac{1}{4}$" UN.C. × 3")	1
21	57–2259	Plug — tensioner adjusting hole	1
22	57–3733	"O" ring — tensioner adjusting hole plug	1
23	14–6504	Screw — primary cover ($\frac{1}{4}$" UN.C. × $\frac{3}{4}$" countersunk)	2
24	71–2793	Gasket — primary chain oiler pipe	1
25	14–6612	Screw — outer to inner cover ($\frac{1}{4}$" UN.C. × 2")	1
26	57–2215	Thrust washer — outer cover	1
27	57–3614	Pivot pin — chain tensioner	1
28	57–3617	Adjuster — chain tensioner	1
29	70–9258	Saddle washer — chain tensioner	2
30	57–3610	Blade — chain tensioner (upper)	1
31	14–6509	Screw — primary outer cover ($\frac{1}{4}$" UN.C. × $1\frac{3}{4}$" countersunk)	1
32	57–3643	Needle bearing — outer cover (INA. SC.228)	1
33	70–5977	Trunnion — lower tensioner blade	2
34	70–6061	Blade — chain tensioner (lower)	1
35	70–9258	Saddle washer — chain tensioner	1
36	14–1901	Nut — chain tensioner support ($\frac{1}{4}$" UN.F.)	1
37	57–3987	Washer — chain tensioner support (·251" × ·500" × ·064")	1
38	57–3986	Support — chain tensioner	1
39	57–3983	Tie rod — chain tensioner	1
40	70–9256	Trunnion — chain tensioner	1
41	14–6610	Screw — outer cover ($\frac{1}{4}$" UN.C. × $1\frac{1}{2}$")	1
42	57–3958	Outer cover — complete assembly	1
43	76–0217	Dowel — outer cover locating	2
44	57–0912	Peg — clutch thrust plate	1
45	57–2465	Clutch thrust plate	1
46	60–2364	Steel ball ($\frac{1}{4}$")	3
47	57–4194	Clip — clutch cable nipple retaining	1
48	57–3647	Bearing — clutch lever (Hoffmann S5)	1
49	14–0402	Locknut — clutch pull rod ($\frac{5}{16}$" UN.F.)	1

Plate 7

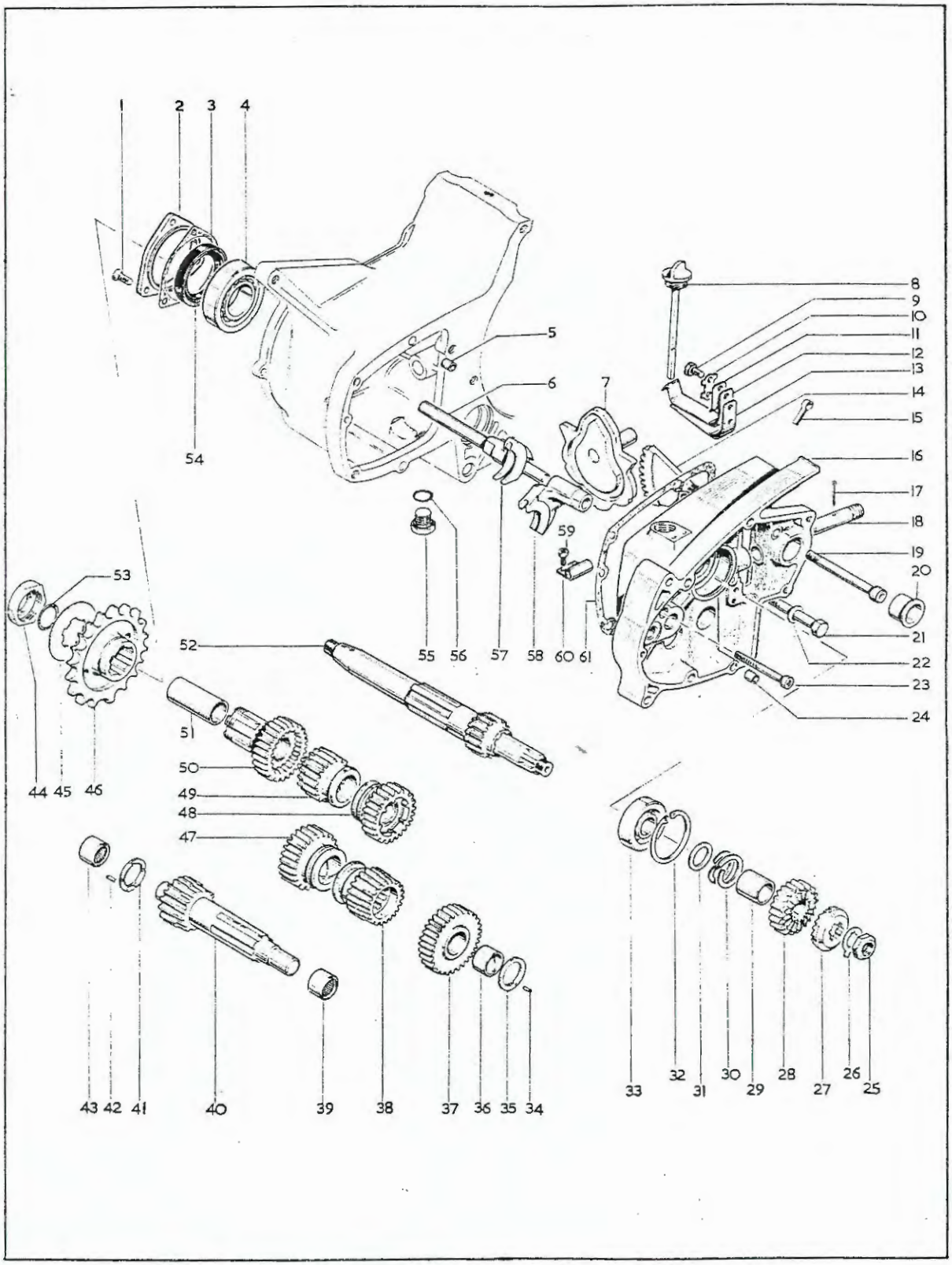

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Plate 7

GEARBOX — 4-SPEED

Key No.	Spares No.	Description	Per Set
1	14-6504	Screw — oil seal housing to crankcase ($\frac{1}{4}$" UN.F. × $\frac{3}{4}$")	3
2	57-2153	Oil seal housing — gearbox mainshaft	1
3	71-1451	Gasket — housing to crankcase	1
4	60-3556	Bearing — gearbox mainshaft (Hoffmann N.1443)	1
5	76-0217	Dowel — gearbox inner cover locating	2
6	57-3989	Spindle — selector fork	1
7	57-4055	Camplate	2
8	57-2656	Dipstick — gearbox	1
9	54-0043	Set-screw — camplate spring fixing	2
10	57-4291	Tab washer — camplate spring fixing	1
11	57-4290	Plate — camplate spring retaining	1
12	57-4288	Spring — camplate	1
13	57-4289	Support — camplate spring	1
14	57-0397	Quadrant — gear selector	1
15	40-9190	Cable clip — alternator	1
16	57-4329	Inner cover — gearbox	1
17	60-1928	Split pin — quadrant spindle (5/64" × $1\frac{3}{8}$")	2
18	57-1896	Spindle — selector quadrant	1
19	14-7101	Screw — socket, inner cover to crankcase ($\frac{5}{16}$" UN.C. × $3\frac{1}{4}$")	1
20	57-0412	Bush — gearchange quadrant	1
21	14-6121	Bolt — inner cover to crankcase ($\frac{5}{16}$" UN.C. × $2\frac{1}{2}$")	1
22	75-0176	Washer — inner cover to crankcase bolt (·328" × ·531" × ·048")	1
23	14-6614	Screw — inner cover to crankcase ($\frac{1}{4}$" UN.C. × $2\frac{1}{2}$")	2
24	76-0217	Dowel — outer cover locating	2
25	21-0594	Nut — kickstart ratchet retaining ($\frac{3}{16}$" UN.F.)	1
26	57-0732	Lockwasher — kickstart ratchet retaining nut	1
27	57-0731	Kickstart ratchet	1
28	57-0730	Kickstart ratchet pinion	1
29	57-1963	Bush — kickstart ratchet pinion	1
30	57-1250	Spring — kickstart ratchet	1
31	57-1962	Washer — kickstart pinion sleeve	1
32	57-4113	Circlip — mainshaft inner cover bearing	1
33	60-3552	Bearing — mainshaft, inner cover (Hoffmann LS.8)	1
34	57-0912	Peg — thrust washer, layshaft	1
35	57-1607	Thrust washer — layshaft	1

Plate 7—*contd.*

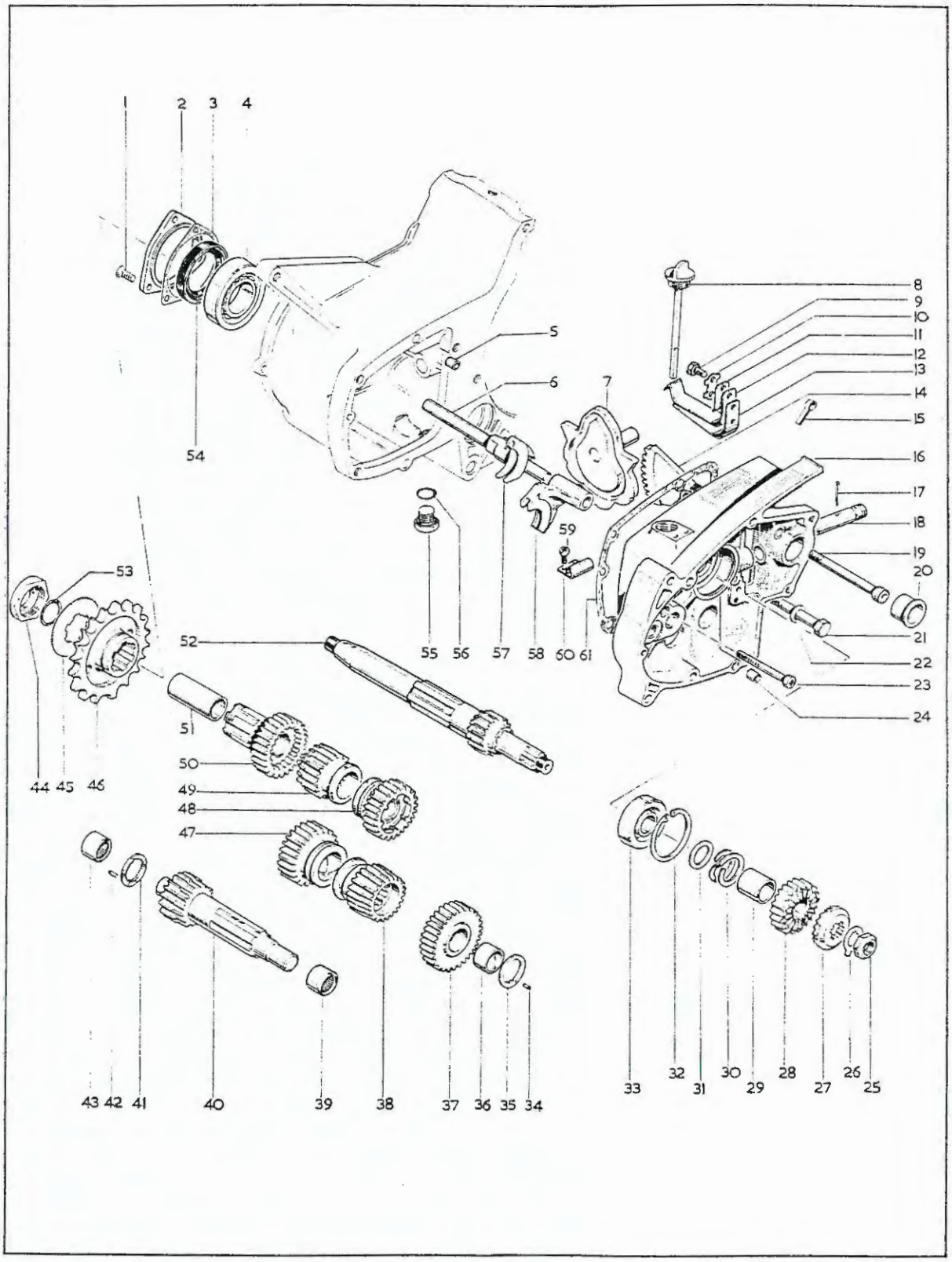


Plate 7—*cont.*

GEARBOX — 4-SPEED

Key No.	Spares No.	Description	Per Set
36	57-0928	Bush — layshaft first gear	1
37	57-3862	Gear — layshaft first	1
38	57-3890	Gear — layshaft third	1
39	57-1614	Needle bearing — layshaft, inner cover (Torrington B.1112)	1
40	57-4345	Layshaft with top gear	1
41	57-1607	Thrust washer — layshaft	1
42	57-0912	Peg — thrust washer, layshaft	1
43	57-1606	Needle bearing — layshaft (Torrington M11121)	1
44	57-4051	Nut — gearbox final drive sprocket	1
45	57-2116	Lockwasher — gearbox sprocket nut	1
46	57-1917	Sprocket — gearbox final drive (18T)	1
47	57-3861	Gear — layshaft second	1
48	57-3889	Gear — mainshaft third	1
49	57-4335	Gear — mainshaft second	1
50	57-4346	Gear — mainshaft top	1
51	57-4314	Bush — mainshaft top gear	1
52	57-4175	Mainshaft with first gear	1
53	57-4054	"O" ring — gearbox sprocket nut	1
54	57-3634	Oil seal — gearbox mainshaft	1
55	21-1872	Drain plug — gearbox	1
56	70-8896	"O" ring — drain plug	1
57	57-4308	Selector fork — mainshaft	1
58	57-4307	Selector fork — layshaft	1
59	21-1862	"Taptite" screw — cable clip (6 UN.C. × 32 t.p.i. × $\frac{1}{4}$")	2
60	70-9327	Cable clip	1
61	71-1447	Gasket — inner cover to crankcase	1

Plate 8

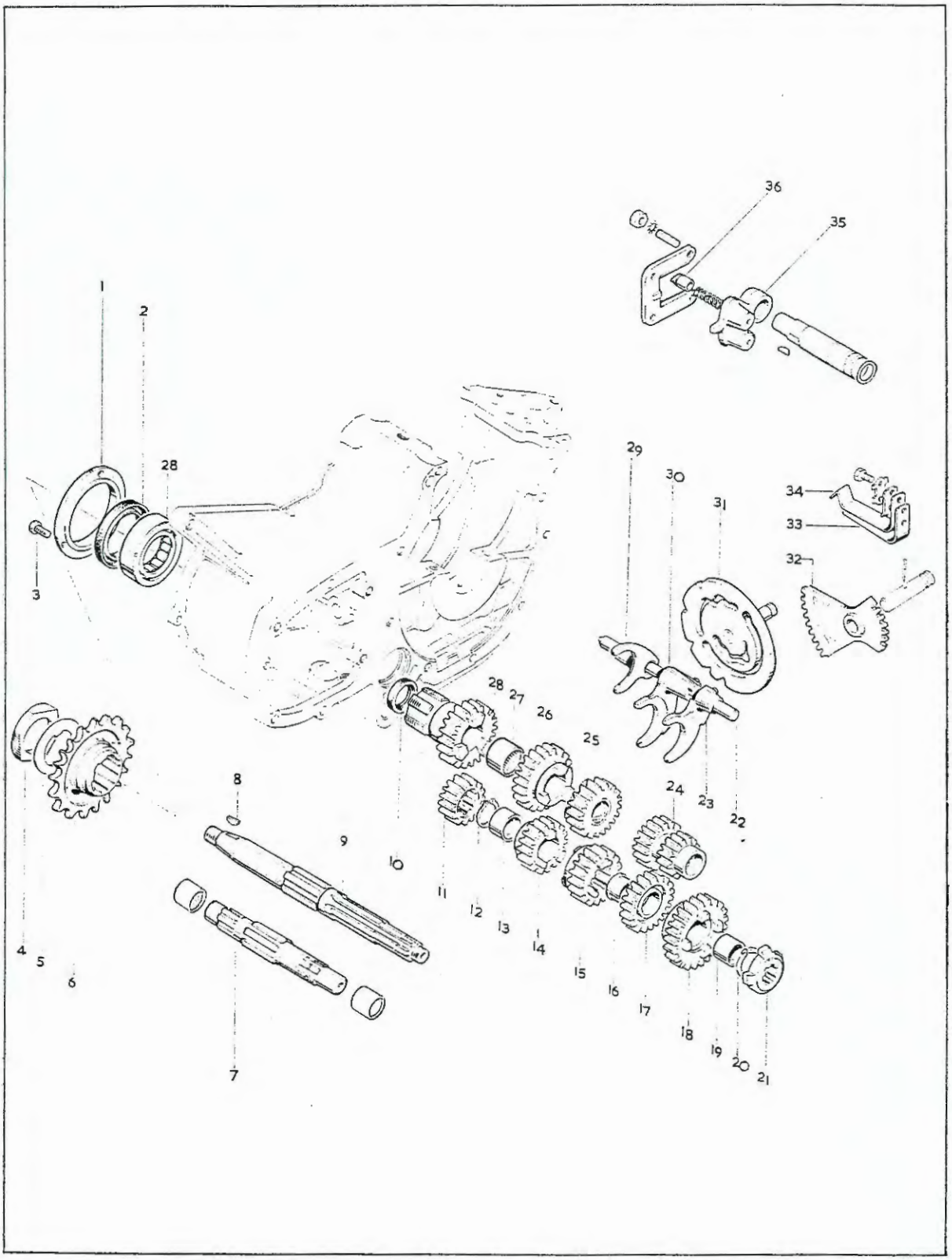

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Plate 8

GEARBOX — 5-SPEED

(as standard 4-speed unit except for the following)

Key No.	Spares No.	Description	Per Set
1	57-4394	Oil seal housing — gearbox mainshaft	1
2	60-3510	Oil seal — gearbox mainshaft	1
3	21-2106	Screw — oil seal housing to crankcase ($\frac{1}{4}$" UN.C. × $\frac{9}{16}$")	3
4	57-4396	Nut — gearbox final drive sprocket	1
5	57-4395	Lockwasher — gearbox sprocket nut	1
6	57-4397	Sprocket — gearbox final drive (19T)	1
7	57-4382	Layshaft with fourth and top gear pinions	1
7	57-4371	Layshaft only	1
8	68-3218	Key — clutch hub to mainshaft	1
9	57-4370	Mainshaft	1
10	60-3500	Oil seal — mainshaft top gear	1
11	57-4383	Gear — layshaft top	1
12	60-3494	Circlip — layshaft fourth	1
13	57-4386	Bush — layshaft fourth	1
14	57-4384	Gear — layshaft fourth	1
15	57-4387	Gear — layshaft third	1
16	57-4390	Bush — layshaft second	1
17	57-4388	Gear — layshaft second	1
18	57-4391	Gear — layshaft first	1
19	57-4393	Bush — layshaft first	1
20	60-3494	Circlip — layshaft driving dog	1
21	57-4381	Driving dog — layshaft	1
22	57-3989	Spindle — selector forks	1
23	57-4368	Selector fork — layshaft first gear	1
24	57-4380	Gear — mainshaft first and second	1
25	57-4377	Gear and bush — mainshaft third	1
26	57-4376	Gear — mainshaft fourth	1
27	60-3511	Needle bearing — mainshaft high gear	2
28	00-5242*	Top gear complete with needle roller bearing. main bearing and oil seal	1
29	57-4364	Selector fork — mainshaft	1
30	57-4366	Selector fork — layshaft third gear	1
31	57-4360	Camplate	1
32	57-4363	Quadrant — gearchange	1
33	57-4289	Support — camplate spring	1
34	57-4402	Camplate spring	1
35	57-4374	Quadrant — gearchange plunger	1
36	57-4403	Plunger — gearchange quadrant	1

*Individual parts. although illustrated for information. are not supplied separately except for Needle bearing 60-3511 and Oil seal 60-3500.

Plate 9

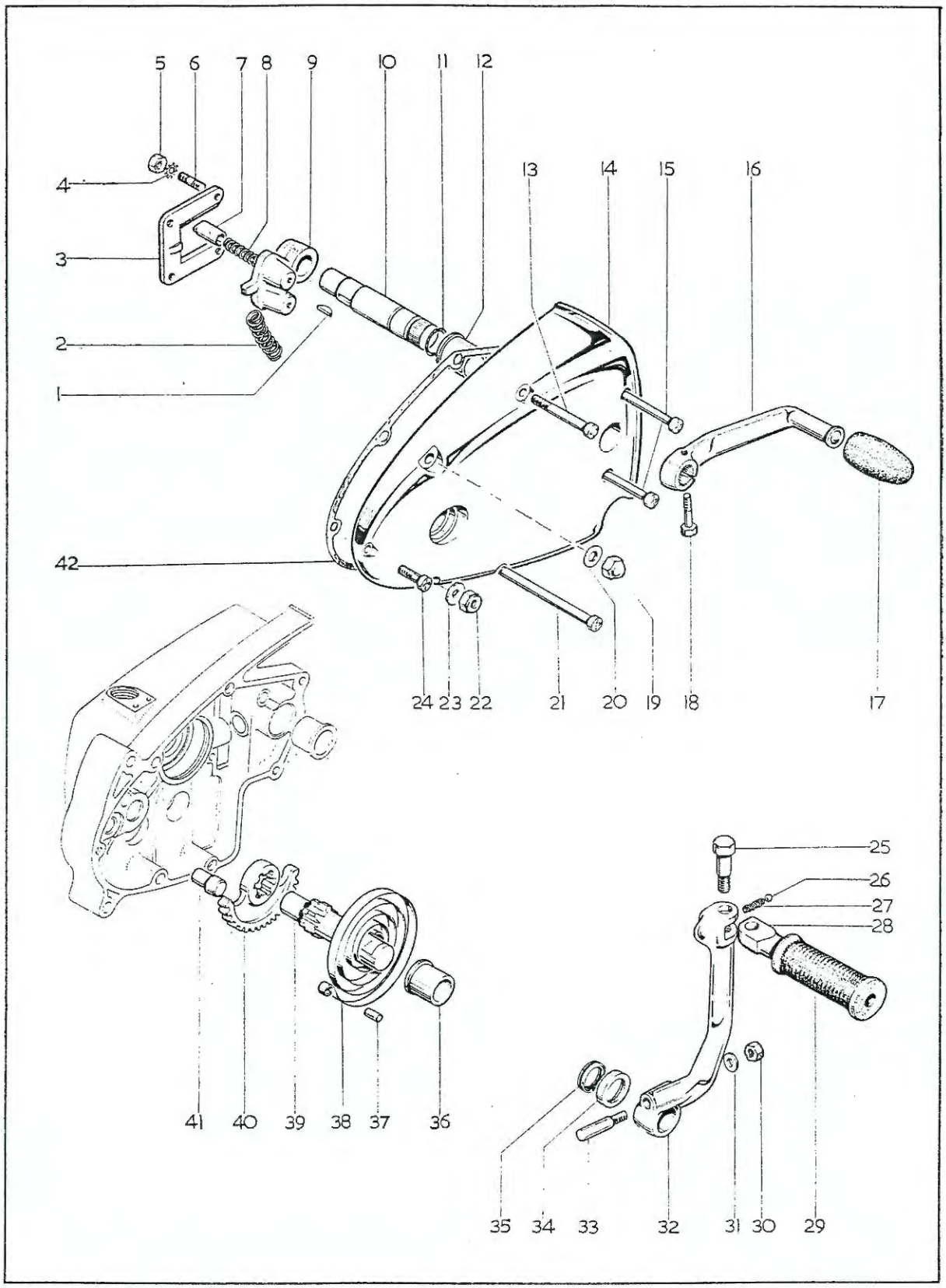

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Plate 9

GEARBOX COVER — GEARCHANGE — KICKSTART CRANK

Key No.	Spares No.	Description	Per Set
1	71–0037	Key — quadrant to spindle	1
2	57–0404	Spring — footchange pedal return	2
3	57–0407	Plate — gear control guide	1
4	29–0541	Washer — shakeproof, guide plate nut (·265″ × ·468″ × ·024″)	4
5	14–0301	Nut — gear control guide plate stud (¼″ UN.F.)	4
6	21–0547	Stud — gear control guide plate (¼″ UN.C./UN.F. × ⅞″)	4
7	57–0406	Plunger — gearchange quadrant	2
8	57–0405	Spring — gearchange quadrant	2
9	57–0409	Quadrant — gearchange plunger	1
10	57–4445	Spindle — gearchange quadrant	1
11	60–3530	"O" ring — gearchange quadrant spindle	1
12	57–3759	Bush — outer cover, gearchange quadrant spindle	1
13	14–6613	Screw — outer to inner cover (¼″ UN.C. × 2¼″)	1
14	57–2737	Outer cover — gearbox, with oil seal, bushes and studs	1
15	14–6615	Screw — outer to inner cover (¼″ UN.C. × 3″)	2
16	57–3757	Pedal — gearchange	1
17	89–3208	Rubber — gearchange pedal	1
18	14–0201	Bolt — gearchange pedal clamping (¼″ UN.F. × 1″)	1
19	21–0544	Nut — domed, outer cover stud, top (5/16″ UN.F.)	1
20	54–0055	Washer — outer cover domed nut (·344″ × ·625″ × ·063″)	1
21	21–2139	Screw — outer cover to crankcase (¼″ UN.C. × 5⅜″)	1
22	14–1302	Nut — outer cover bottom stud (5/16″ UN.F.)	1
23	54–0055	Washer — outer cover bottom stud (·344″ × ·625″ × ·063″)	1
24	14–6608	Screw — outer to inner cover (¼″ UN.C. × 1″)	1
25	21–0541	Bolt — kickstart pedal pivot	1
26	60–2364	Steel ball — kickstart folding pedal (¼″ diameter)	1
27	40–3085	Spring — kickstart folding pedal	1
28	57–1272	Folding pedal — kickstart crank	1
29	57–2330	Rubber — kickstart pedal	1
30	14–1301	Nut — kickstart crank cotter (¼″ UN.F.)	1
31	60–2320	Washer — kickstart crank cotter (·270″ × ·562″ × ·056″)	1
32	57–2173	Kickstart crank	1
32	57–3632	Kickstart crank — complete assembly	1
33	57–4357	Cotter — kickstart crank	1
34	57–1955	Oil seal housing — kickstart crank	1
35	57–1956	Oil seal — kickstart crank	1
36	57–0023	Bush — kickstart shaft	1
37	57–0047	Anchor pin — kickstart return spring	1
38	57–0031	Spring — kickstart return	1
39	57–0024	Spindle — kickstart quadrant	1
40	57–4117	Kickstart quadrant	1
40	57–2297	Kickstart quadrant and spindle	1
41	57–0045	Stop peg — kickstart quadrant	1
42	71–1450	Gasket — inner to outer cover	1

Plate 10

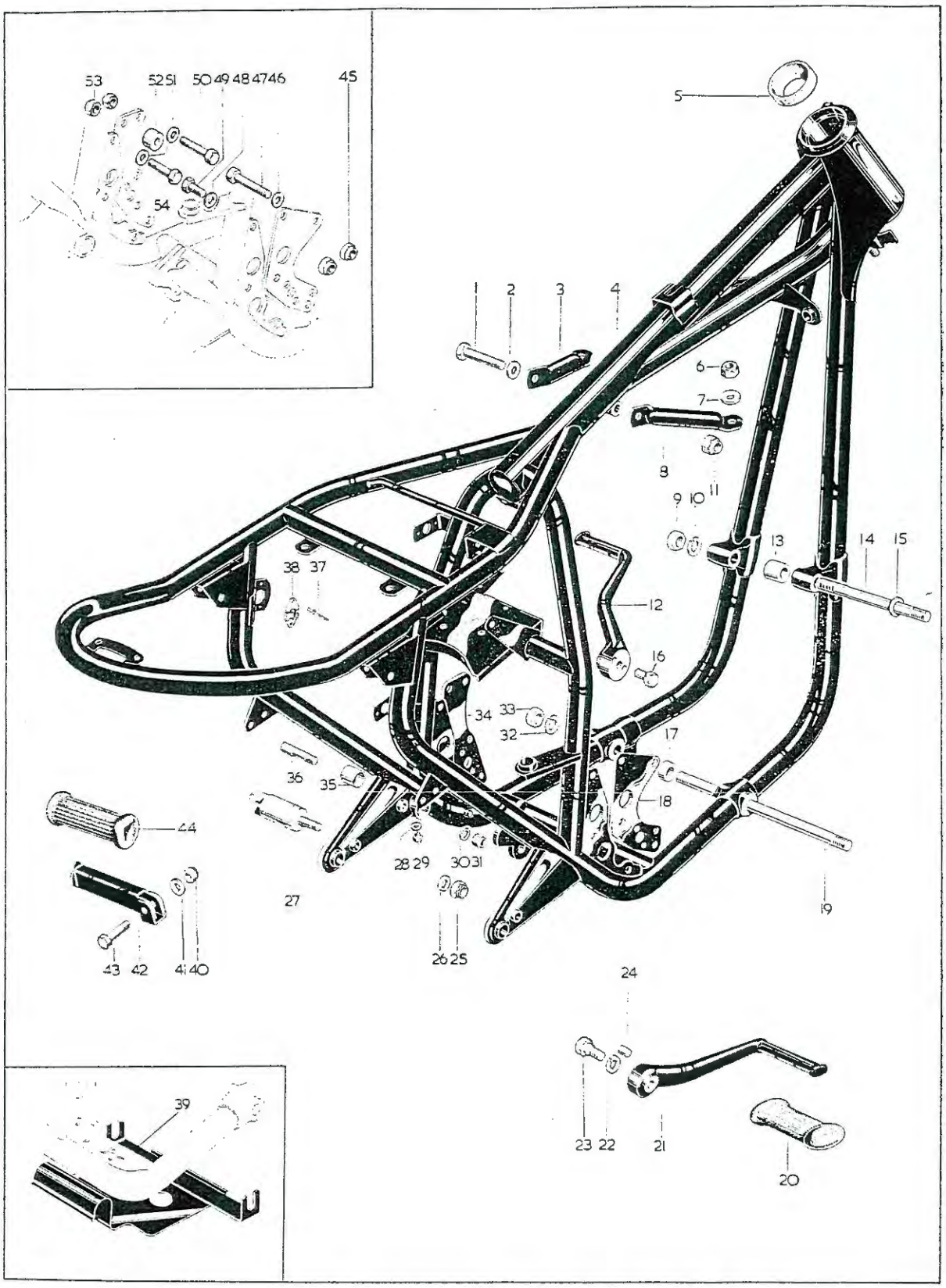

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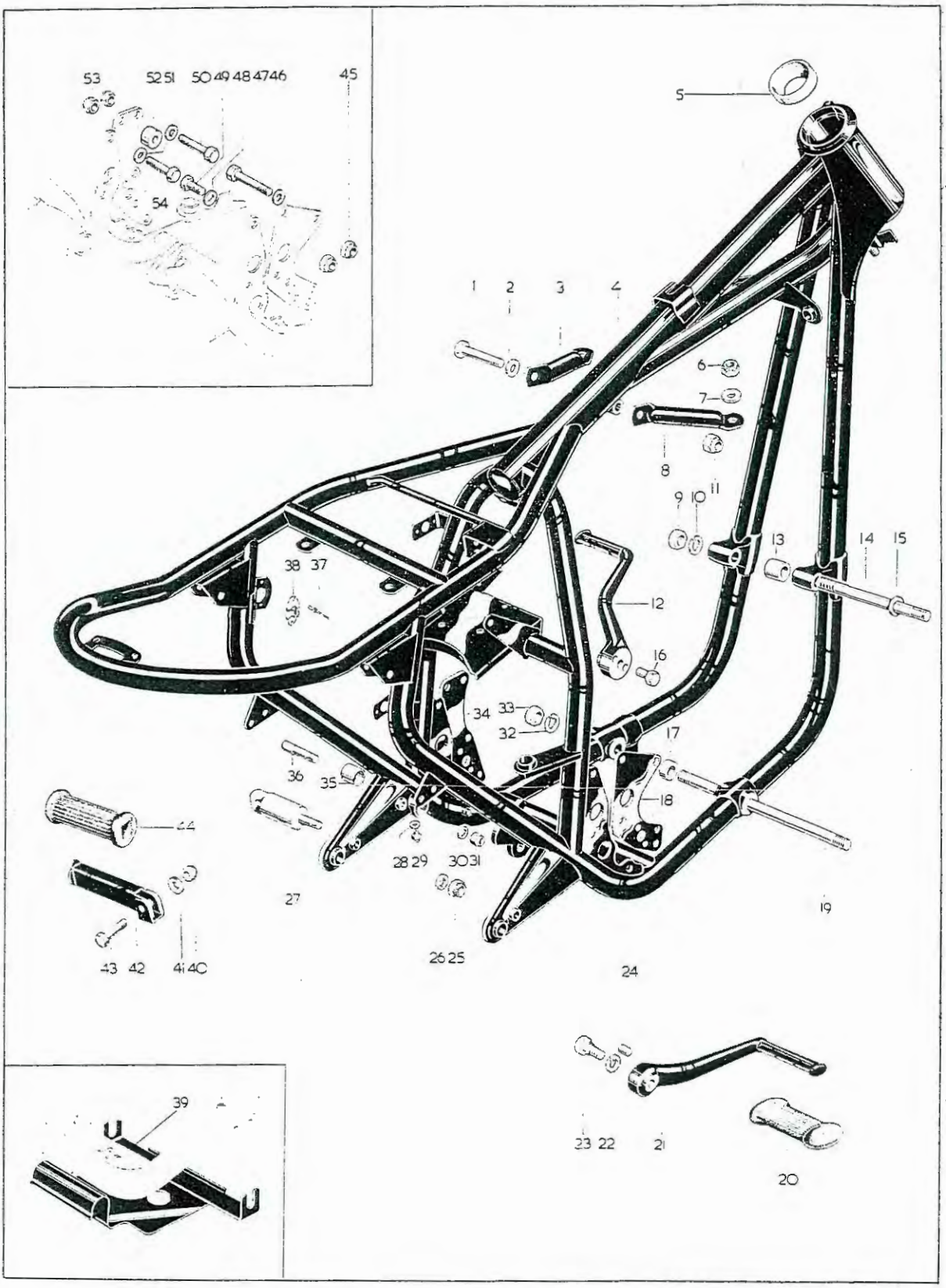
Plate 10

FRAME AND FITTINGS

Key No.	Spares No.	Description	Per Set
1	14–0237	Bolt — steady stay to frame ($\frac{3}{8}$" UN.F. × 2$\frac{1}{2}$")	1
2	02–2138	Washer — steady stay to frame (·380" × ·750" × ·064")	1
3	82–9378	Steady stay — left	1
4	83–3262	Frame complete	1
5	97–0111	Cup — steering head	2
6	14–1302	Nut — steady stay to cylinder head ($\frac{5}{16}$" UN.F.)	2
7	60–2321	Washer — steady stay to cylinder head (·333" × ·625" × ·072")	2
8	82–9379	Steady stay — right	1
9	14–0304	Nut — front engine mounting stud ($\frac{7}{16}$" UN.F.)	2
10	02–1967	Washer — spring, front engine mounting stud (·440" × ·875" × ·064")	2
11	14–1903	Nut — steady stay to frame ($\frac{3}{8}$" UN.F.)	1
12	82–9625	Footrest — left	1
13	82–8508	Distance piece — front engine mounting stud	1
14	21–0779*	Stud — engine mounting, front ($\frac{7}{16}$" UN.F. × 7")	1
15	15–0431	Washer — front engine mounting stud (·447" × ·750" × ·064")	2
16	14–0145	Bolt — footrest, left ($\frac{1}{2}$" UN.F. × 1")	1
17	82–8510	Distance piece — bottom engine stud	1
18	82–9642	Engine plate — right	1
19	21–0780*	Stud — bottom engine mounting ($\frac{7}{16}$" UN.F. × 11$\frac{1}{8}$")	1
20	82–9686	Rubber — front footrest (left)	1
20	40–4850	Rubber — front footrest (right)	1
21	82–9624	Footrest — right	1
22	03–0107	Spring washer — front footrest bolt (·531" × ·763" × ·116")	2
23	21–2018	Bolt — front footrest mounting, right	1
24	82–5943	Footrest peg	4
25	14–1303	Locknut — rear footrest anchor bolt ($\frac{3}{8}$" UN.F.)	2
26	60–2322	Washer — rear footrest anchor bolt (·395" × ·750" × ·072")	2
27	82–9653	Anchor bolt — rear footrest	2

*Special material: 14—EN16T. 20—EN16T.

Plate 10—*Cont.*



FRAME AND FITTINGS

Key No.	Spares No.	Description	Per Set
28	24–1088	Washer — fibre, grease nipple	1
29	47–9012	Grease nipple — brake pedal	1
30	60–2330	Washer — stop peg (·333″ × ·625″ × ·040″)	1
31	14–1302	Nut — stop peg ($\frac{5}{16}$″ UN.F.)	1
32	02–1967	Washer — spring, bottom engine stud (·440″ × ·875″ × ·064″)	2
33	14–0304	Nut — bottom engine mounting stud ($\frac{7}{16}$″ UN.F.)	2
34	82–9641	Engine plate — left	1
35	82–8918	Bush — brake pedal	1
36	83–3987	Stop peg — brake pedal	1
37	68–9337	Rivet — "Oddie" clip	6
38	68–9115	"Oddie" clip	3
39	82–9684	Engine shield	1
40	14–1302	Nut — rear footrest swivel bolt ($\frac{5}{16}$″ UN.F.)	2
41	60–2330	Washer — swivel bolt (·333″ × ·625″ × ·040″)	2
42	68–4835	Rear footrest complete	2
43	14–0217	Pivot bolt — rear footrest ($\frac{5}{16}$″ UN.F. × $1\frac{1}{4}$″)	2
44	29–7583	Rubber — rear footrest	2
45	14–1302	Nut — engine plate bolt ($\frac{5}{16}$″ UN.F.)	5
46	02–0923	Washer — engine plate bolt (·317″ × ·625″ × ·064″)	5
47	14–0221	Bolt — engine plate, right ($\frac{5}{16}$″ UN.F. × 2″)	2
48	02–0923	Washer — engine plate bolt (·317″ × ·625″ × ·064″)	5
49	14–0115	Bolt — engine plate, right ($\frac{5}{16}$″ UN.F. × $\frac{7}{8}$″)	3
50	14–0220	Bolt — engine plate, left ($\frac{5}{16}$″ UN.F. × $1\frac{3}{4}$″)	2
51	02–0923	Washer — engine plate bolts (·317″ × ·625″ × ·064″)	10
52	82–8509	Distance piece — rear engine plate (left)	3
53	14–1302	Nut — engine plate bolt ($\frac{5}{16}$″ UN.F.)	5
54	14–0218	Bolt — engine plate, left ($\frac{5}{16}$″ UN.F. × $1\frac{3}{8}$″)	3

Plate 11

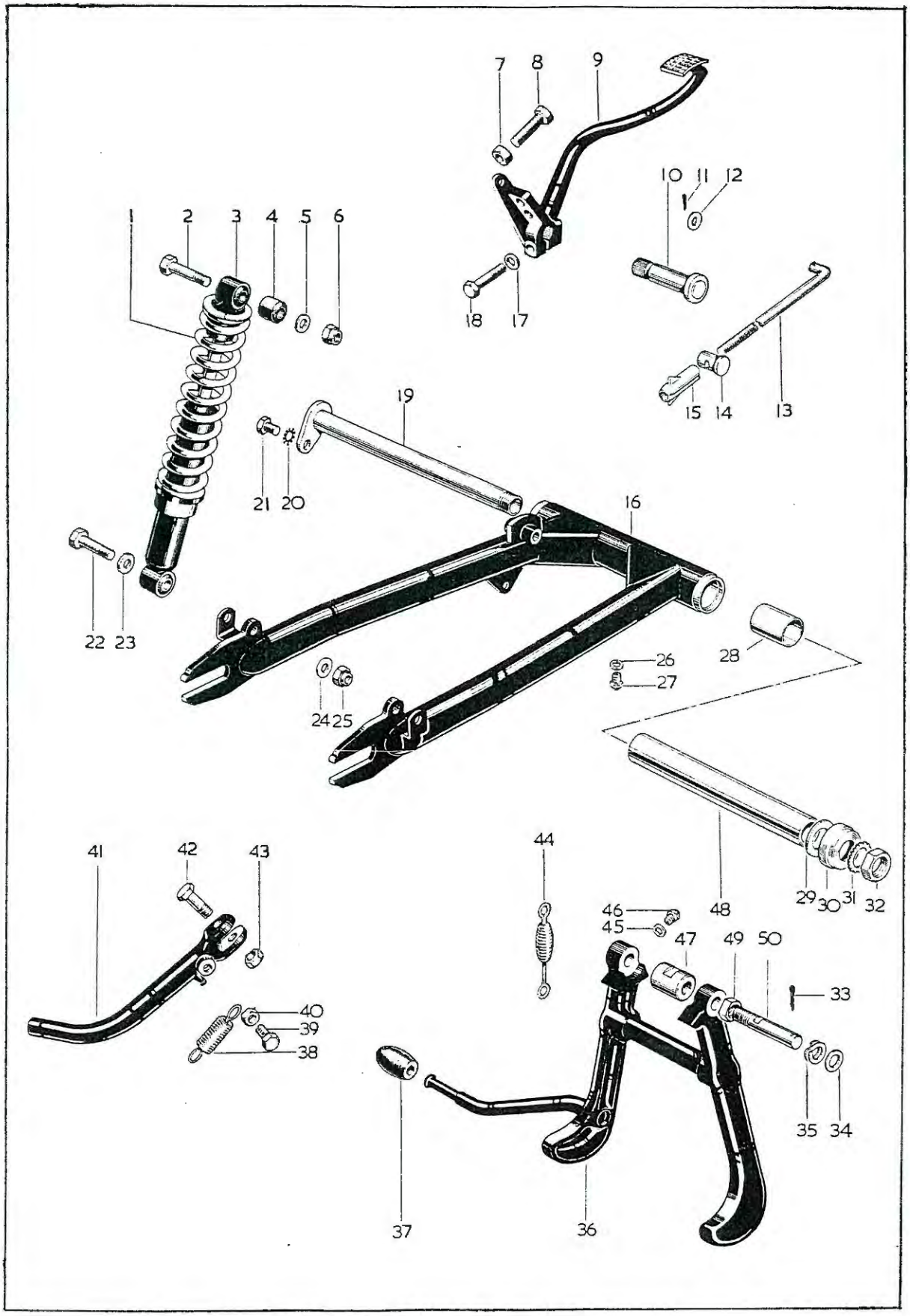

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Plate 11
SWINGING ARM — CENTRE STAND — REAR BRAKE CONTROL

Key No.	Spares No.	Description	Per Set
1	19–7447	Spring — rear suspension unit (Girling 64544120)	2
2	14–0235	Bolt — suspension unit mounting, top, and bottom right (⅜″ UN.F. × 2″)	3
3	19–7477	Rear suspension unit (Girling 64052491)	2
4	19–5305	Bush — suspension unit, top (Girling 64533645)	2
5	30–0733	Washer — suspension unit mounting, top (·391″ × ·875″ × ·062″)	2
6	14–1303	Nut — suspension unit mounting, top (⅜″ UN.F.)	2
7	14–0401	Nut — brake pedal stop and stop switch adjuster (¼″ UN.F.)	2
8	14–0106	Bolt — brake pedal stop and stop switch adjuster (¼″ UN.F. × 1¼″)	2
9	83–3985	Pedal — rear brake	1
10	83–3241	Shaft — brake pedal operating	1
11	60–2683	Split pin — brake rod (1/16″ × ⅜″)	1
12	83–4277	Plain washer — brake rod (·265″ × ·468″ × ·064″)	1
13	83–3242	Brake rod	1
14	37–1467	Pivot pin — brake rod	1
15	82–7387	Adjuster nut — brake rod	1
16	83–3243	Swinging arm with bushes	1
17	15–5155	Washer — brake pedal pinch bolt (·328″ × ·505″ × ·048″)	1
18	14–0217	Bolt — brake pedal pinch bolt (5/16″ UN.F. × 1¼″)	1
19	82–8468	Spindle — swinging arm	1
20	36–0382	Washer — spring, spindle locking plate (5/16″)	1
21	14–0113	Bolt — spindle locking plate (5/16″ UN.F. × ⅜″)	1
22	21–2099	Bolt — suspension unit bottom mounting, left (⅜″ UN.F. × 1⅞″)	1
23	02–2138	Washer — suspension unit mounting, bottom (·380″ × ·750″ × ·064″)	2
24	02–2138	Washer — suspension unit mounting, bottom (·380″ × ·750″ × ·064″)	2
25	14–1303	Nut — suspension unit mounting, bottom (⅜″ UN.F.)	2
26	24–1088	Washer — fibre, grease nipple	1
27	47–9012	Grease nipple — swinging arm	1
28	82–8475	Bush — swinging arm	2
29	82–8478	Thrust bearing — swinging arm	2
30	82–8477	Dust cap — swinging arm bearing	2
31	42–4364	Shakeproof washer (·825″ × 1·250″ × ·050″)	1
32	21–0755	Nut — swinging arm spindle (13/16″ UN.F.)	1
33	60–2683	Split pin — centre stand spindle (1/16″ × ⅜″)	2
34	15–0039	Plain washer — centre stand spindle	2
35	03–1346	Spring washer — centre stand spindle (·531″ × ·875″ × ·040″ double)	2
36	83–1628	Centre stand	1
37	57–2331	Rubber — centre stand pedal	1
38	82–8382	Spring — prop stand return	1
39	83–4085	Prop stand	1
40	21–0769	Bolt — prop stand (7/16″ UN.F. × 1 5/16″)	1
41	14–0404	Locknut — prop stand bolt (7/16″ UN.F.)	1
42	14–0116	Bolt — prop stand stop (5/16″ UN.F. × 1″)	1
43	14–0302	Locknut — prop stand stop (5/16″ UN.F.)	1
44	68–4708	Spring — centre stand return	1
45	54–4302	Washer — fibre, centre stand grease nipple	2
46	47–9012	Grease nipple — centre stand	2
47	82–8582	Coupling — centre stand pivot	1
48	82–8476	Distance tube — swinging arm	1
49	14–0405	Nut — centre stand pivot (½″ UN.F.)	2
50	83–1535	Pivot bar — centre stand	2

Plate 12

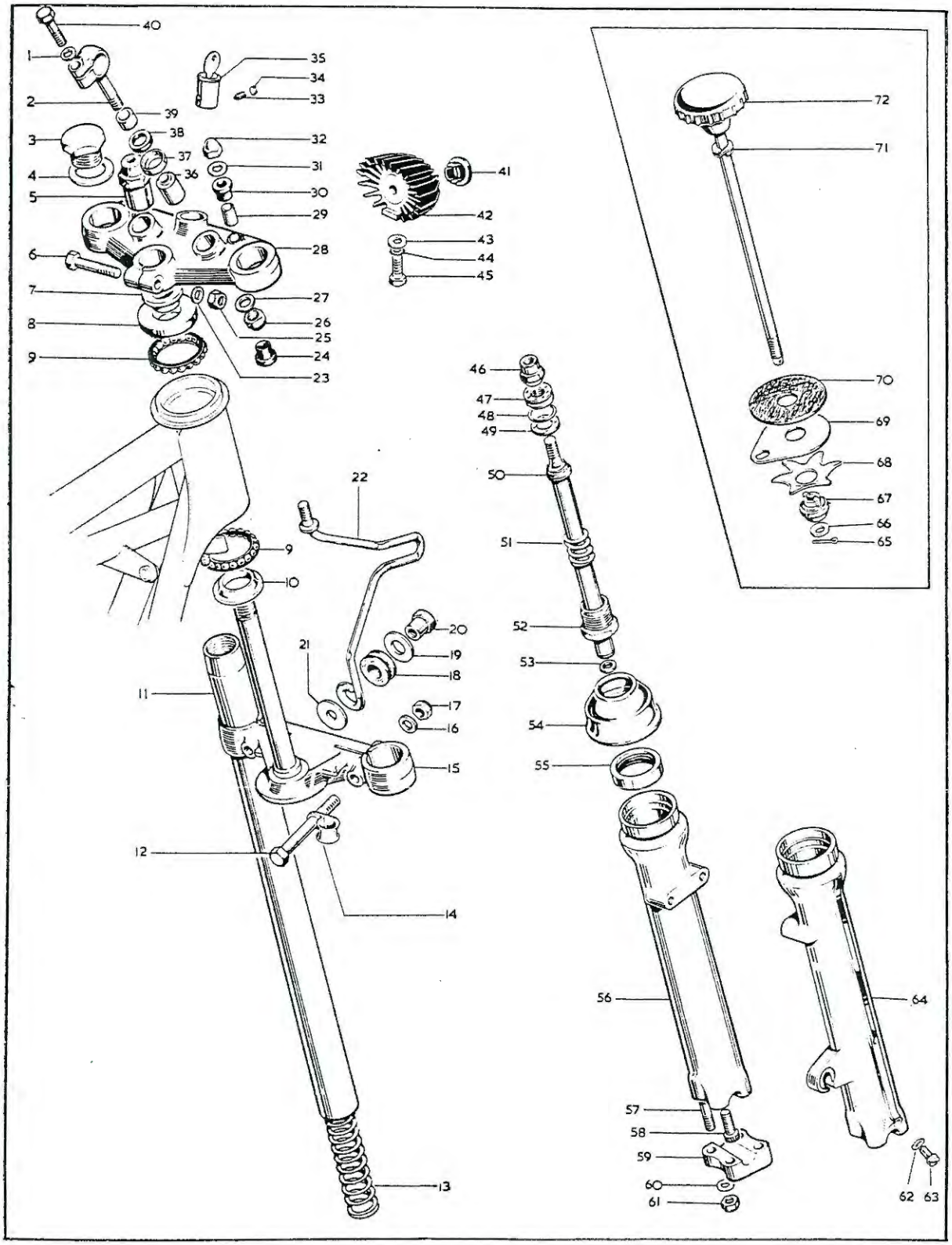

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Plate 12

FRONT FORK

Key No.	Spares No.	Description	Per Set
	97-4340	Front fork complete	1
1	82-1335	Washer — handlebar clamp bolt (·328″ × ·531″ × ·125″)	2
2	97-2291	Clamp — handlebar mounting	2
3	97-4309	Nut — stanchion (top)	2
4	97-4166	Washer — stanchion top nut	2
5	97-4323	Nut — steering stem	1
6	14-0234	Pinch bolt — top yoke (⅜″ UN.F. × 1¾″)	1
7	97-4145	Collar — steering stem	1
8	97-4157	Top cone and dust cover	1
9	97-4034	Ballrace — steering head	2
10	97-0439	Cone — steering race (bottom)	1
11	97-4007	Stanchion	2
12	14-0238	Pinch bolt — bottom yoke (⅜″ UN.F. × 2¾″)	2
13	97-4215	Fork spring — main	2
14	82-3098	Clip — front brake cable guide	1
15	97-4341	Bottom yoke	1
16	54-4307	Washer — bottom yoke pinch bolt (·406″ × ·750″ × ·063″)	2
17	14-1303	Nut — bottom yoke pinch bolt (⅜″ UN.F.)	2
18	60-2630	Grommet — headlamp bracket mounting, lower	2
19	60-2333	Washer — headlamp bracket mounting, lower (·515″ × ·995″ × ·056″)	2
20	21-2062	Sleeve nut — headlamp bracket mounting, lower	2
21	82-9046	Washer — headlamp bracket mounting, lower	2
22	97-4163	Bracket — headlamp mounting (right)	1
22	97-4162	Bracket — headlamp mounting (left)	1
23	54-4307	Washer — top yoke pinch bolt (·406″ × ·750″ × ·063″)	1
24	83-2209	Bush — rubber, headlamp bracket mounting (top)	2
25	14-1303	Nut — top yoke pinch bolt (⅜″ UN.F.)	1
26	14-1303	Nut — handlebar clamp (⅜″ UN.F.)	2
27	97-1529	Washer — handlebar clamp nut	2
28	97-4084	Top yoke with lock and keys	1
29	83-2211	Distance piece — headlamp bracket	2
30	83-2209	Bush — rubber, headlamp bracket mounting (top)	2
31	60-2338	Washer — headlamp bracket top fixing nut (·270″ × ·625″ × ·056″)	2
32	21-1809	Nut — headlamp bracket top fixing (¼″ UN.F.)	2
33	21-0578	Grub-screw — steering lock locating	1
34	97-2266	Sealing washer — steering lock grub-screw	1
35	68-5050	Steering lock complete with keys	1

Plate 12—*Cont.*

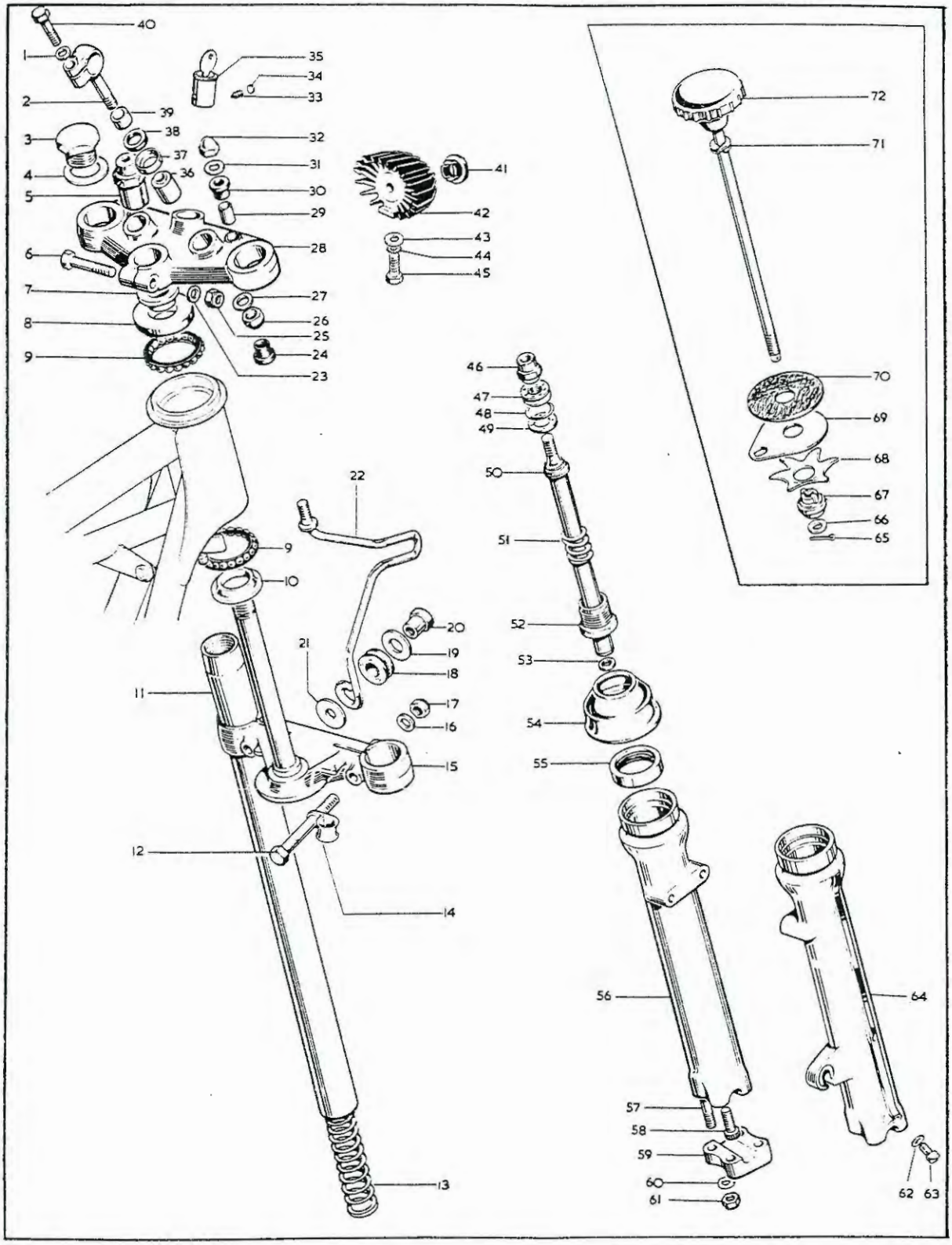


Plate 12—*contd.*

FRONT FORK

Key No.	Spares No.	Description	Per Set
36	97–1527	Bush — rubber, handlebar clamp mounting	2
37	97–2221	Cup — handlebar clamp mounting	2
38	97–1580	Washer — rubber, handlebar clamp mounting	2
39	97–1581	Distance piece — handlebar clamp mounting	2
40	21–0589	Bolt — handlebar clamp ($\frac{5}{16}$" UN.F. × $1\frac{1}{8}$")	2
41	97–2275	Plug — heat sink	1
42	97–2237	Heat sink — zener diode	1
43	54–0022	Washer — heat sink fixing bolt	1
44	29–0541	Washer — shakeproof, heat sink fixing (·265" × ·468" × ·024")	1
45	14–6102	Bolt — heat sink fixing ($\frac{1}{4}$" UN.C. × $\frac{5}{8}$")	1
46	97–4244	Nut — damper valve	2
47	97–4020	Valve — damper	2
48	97–4003	"O" ring — damper valve	2
49	97–4010	Washer — damper valve	2
50	97–4242	Damper tube assembly	2
51	97–4009	Spring — recoil	2
52	97–4076	Plug — stanchion end	2
53	97–4004	Dowty seal — damper tube retaining screw	2
54	97–4002	Scraper sleeve	2
55	97–4001	Oil seal — outer member	2
56	97–4033	Outer member — left	1
57	21–2102	Stud — fork end ($\frac{5}{16}$" UN.F./UN.C. × $1\frac{7}{8}$")	2
58	14–1019	Allen screw — damper valve retaining ($\frac{5}{16}$" UN.F. × $\frac{7}{8}$")	2
59	97–3947	Cap — fork end	2
60	60–2428	Washer — spring, fork end stud (·344" × ·600" × ·064")	8
61	14–0302	Nut — fork end stud ($\frac{5}{16}$" UN.F.)	8
62	97–3893	Washer — fibre, drain plug	2
63	97–3894	Drain plug — outer member	2
64	97–4085	Outer member — right	1
65	60–2720	Split pin — steering damper rod ($\frac{3}{32}$" × $\frac{1}{2}$")	1
66	60–2329	Washer — steering damper rod (·265" × ·557" × ·036")	1
67	97–4102	Nut — steering damper	1
68	97–0095	Spring plate — steering damper	1
69	97–1797	Anchor plate — steering damper	1
70	97–0435	Friction disc — steering damper	1
71	60–2438	Washer — spring, steering damper rod (·344" × ·576" × ·048")	1
72	97–3875	Steering damper rod	1

Plate 13

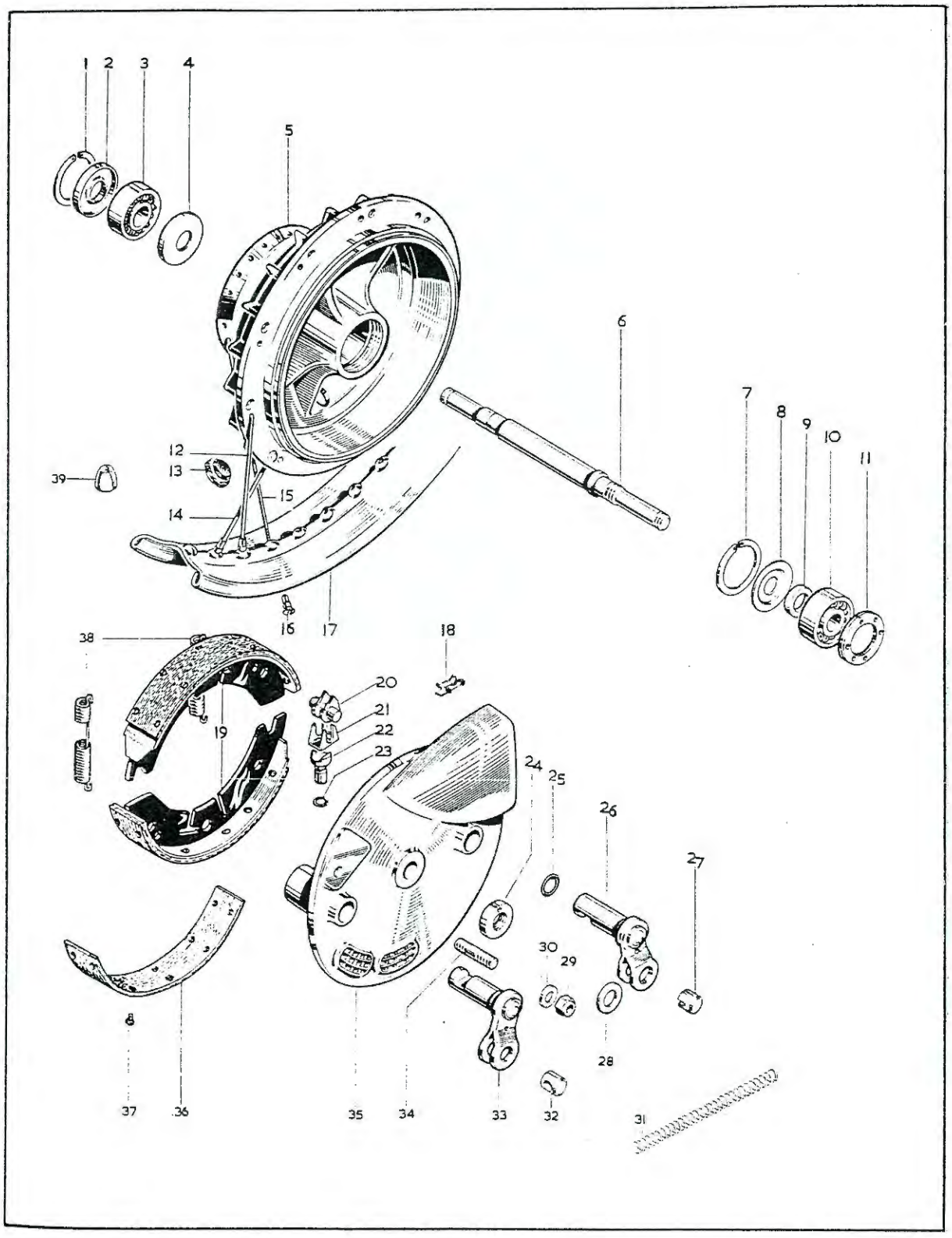

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Plate 13

FRONT WHEEL

Key No.	Spares No.	Description	Per Set
	37-3846	Front wheel with spindle and bearings	1
1	57-0280	Circlip — grease retainer (left)	1
2	37-1237	Grease retainer — outer (left)	1
3	37-0653	Bearing (Hoffmann 120)	1
4	37-1481	Grease retainer — inner (left)	1
5	37-3848	Hub complete with spindle and bearings	1
6	37-3796	Spindle	1
7	60-2632	Circlip — grease retainer (right)	1
8	37-3797	Grease retainer — right	1
9	37-3932	Distance piece — inner side of right bearing	1
10	37-0653	Bearing (Hoffmann 120)	1
11	37-3759	Locking ring	1
12	37-3819	Spoke — right (outer)	10
13	60-3669	Grommet — brake drum	1
14	37-3820	Spoke — right (inner)	10
15	37-3821	Spoke — left	20
16	37-2294	Spoke nipple	40
17	37-3818	Wheel rim (WM2×19)	1
18	19-7743	Abutment — Micram adjuster (Lockheed 25241)	1
19	19-7744	Brake shoe complete (Lockheed 4523-166)	2
20	19-7742	Micram adjuster (Lockheed 3135-514)	2
21	19-7741	Cage — brake adjuster (Lockheed 25253)	2
22	37-3762	Tappet — brake cam	2
23	37-3761	"O" ring — brake tappet	2
24	37-2058	Locking nut — wheel spindle	1
25	60-2639	"O" ring — brake cam	2
26	37-3987	Brake lever — front	2
27	37-3997	Bush — front brake cable nipple	1
28	67-0645	Washer — cable bush and abutment (·578″ × ·375″ × ·064″)	2
29	14-1303	Nut — anchor plate stud (⅜″ UN.F.)	1
30	60-2340	Washer — anchor plate stud	1
31	37-4014	Spring — brake lever return, at brake cable	1
32	37-3996	Bush — front brake cable abutment	1
33	37-3986	Brake lever — rear	1
34	14-1635	Stud — anchor plate to fork (⅜″ UN.C./UN.F.×1¾″)	1
35	37-3935	Brake anchor plate with brake	1
35	37-3655	Brake anchor plate	1
36	19-7466	Lining — brake shoe	2
37	19-7467	Rivet — brake shoe	20
38	19-7745	Spring — brake shoe	2
39	37-3969	Balance weight — short	as reqd.
39	37-3970	Balance weight — long	as reqd.

Plate 14

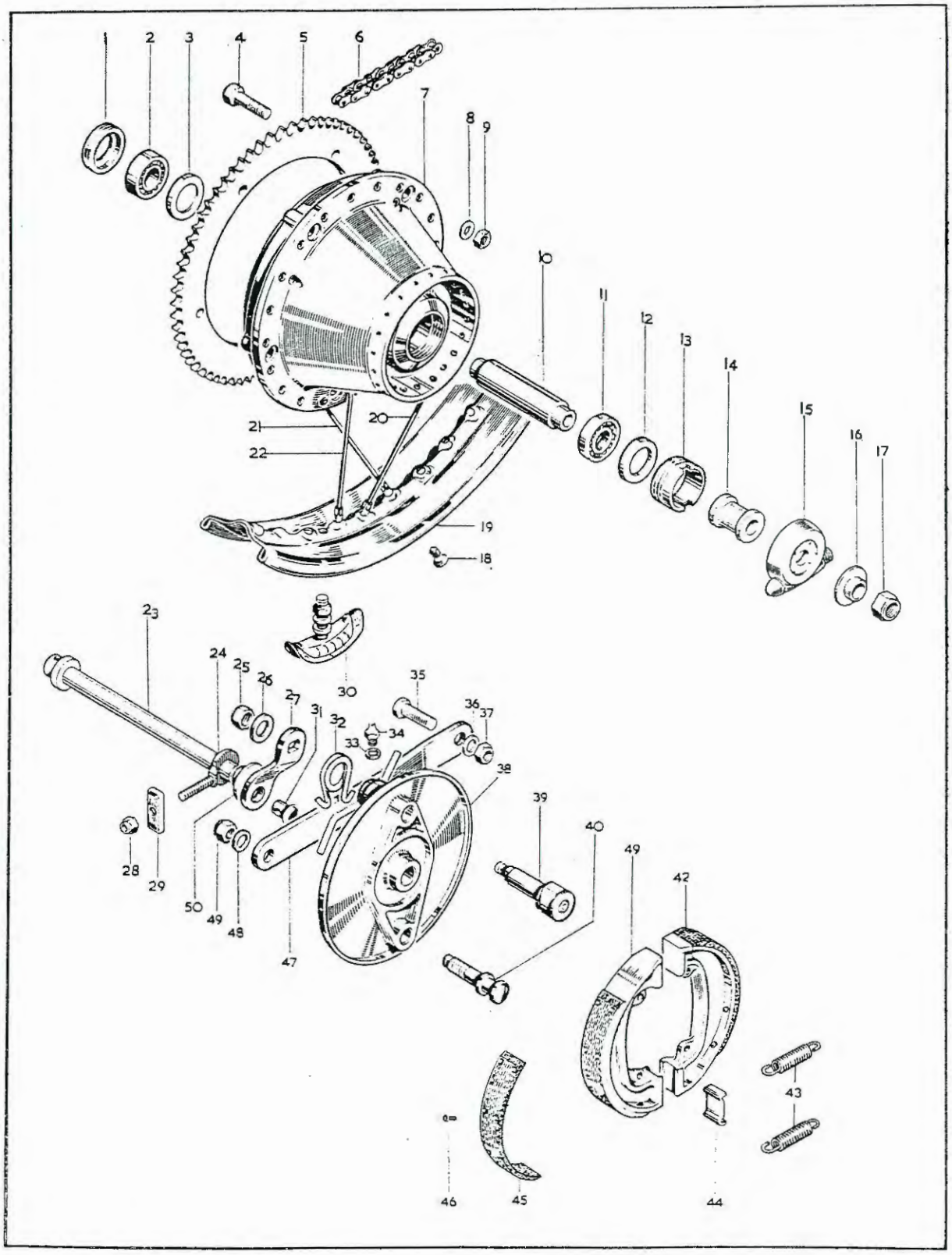

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Plate 14 REAR WHEEL

Key No.	Spares No.	Description	Per Set
	37-3899	Rear wheel with spindle, less brake	1
1	37-3752	Locking ring — left	1
2	37-0653	Bearing — left (Hoffmann 120)	1
3	37-3749	Support ring — left	1
4	14-0207	Bolt — sprocket to hub ($\frac{1}{4}$" UN.F. × 2")	5
5	37-3903	Sprocket — rear wheel (53 teeth)	1
6	19-8693	Chain — rear. $\frac{3}{8}$" × $\frac{3}{8}$" × 108 pitches	1
7	37-3900	Hub with spindle and bearings	1
8	60-2320	Washer — sprocket to hub (·270" × ·562" × ·056")	5
9	14-1301	Nut — sprocket to hub ($\frac{1}{4}$" UN.F.)	5
10	37-3753	Distance tube — bearings	1
11	37-0653	Bearing — right (Hoffmann 120)	1
12	37-1654	Grease retainer — right	1
13	37-3751	Ring — speedometer driving	1
14	37-3750	Distance piece — speedometer drive (inner)	1
15	19-9225	Speedometer drive gearbox — Smiths BG3550/164 (1·25 : 1)	1
16	37-3976	Distance piece — wheel spindle (right)	1
17	14-1307	Nut — wheel spindle ($\frac{5}{8}$" UN.F.)	1
18	37-2294	Spoke nipple	40
19	37-3920	Rim (WM3 × 19)	1
20	37-3923	Spoke — right	20
21	37-3922	Spoke — left (outer)	10
22	37-3921	Spoke — left (inner)	10
23	37-3980	Wheel — spindle	1
24	37-3919	Chain adjuster	2
25	14-1303	Nut — brake lever ($\frac{3}{8}$" UN.F.)	1
26	60-2331	Washer — brake lever (·395" × ·750" × ·048")	1
27	37-4034	Brake lever	1
28	14-1902	Nut — chain adjuster ($\frac{5}{16}$" UN.F.)	2
29	40-6040	End plate — chain adjuster (left)	1
29	37-3961	End plate — chain adjuster (right)	1
30	37-3468	Security bolt	2
31	37-1467	Pivot pin — brake lever	1
32	37-4049	Spring — brake lever return	1
33	24-1088	Washer — fibre, anchor plate grease nipple	1
34	60-1841	Grease nipple — anchor plate	1
35	14-0133	Bolt — torque stay to swinging arm ($\frac{7}{16}$" UN.F. × 1")	1
36	15-0431	Washer — torque stay to swinging arm (·447" × ·750" × ·064")	1
37	14-1304	Nut — torque stay to swinging arm ($\frac{7}{16}$" UN.F.)	1
38	37-3856	Brake anchor plate	1
38	37-3955	Brake anchor plate with brake	1
39	37-3872	Cam — brake shoe	1
40	37-3870	Pivot — brake shoe	1
41	37-3925	Brake shoe — leading	1
42	37-3926	Brake shoe — trailing	1
43	37-2328	Spring — brake shoe	2
44	37-4071	Pivot pad — brake shoe	2
45	37-3876	Brake lining	2
46	42-5840	Rivet — lining to shoe	16
47	83-3266	Torque stay	1
48	60-2431	Washer — spring, torque stay to brake pivot (·531" × ·851" × ·092")	1
49	14-0305	Nut — torque stay to brake pivot ($\frac{1}{2}$" UN.F.)	1
50	37-3901	Distance piece — wheel spindle (left)	1

Plate 15

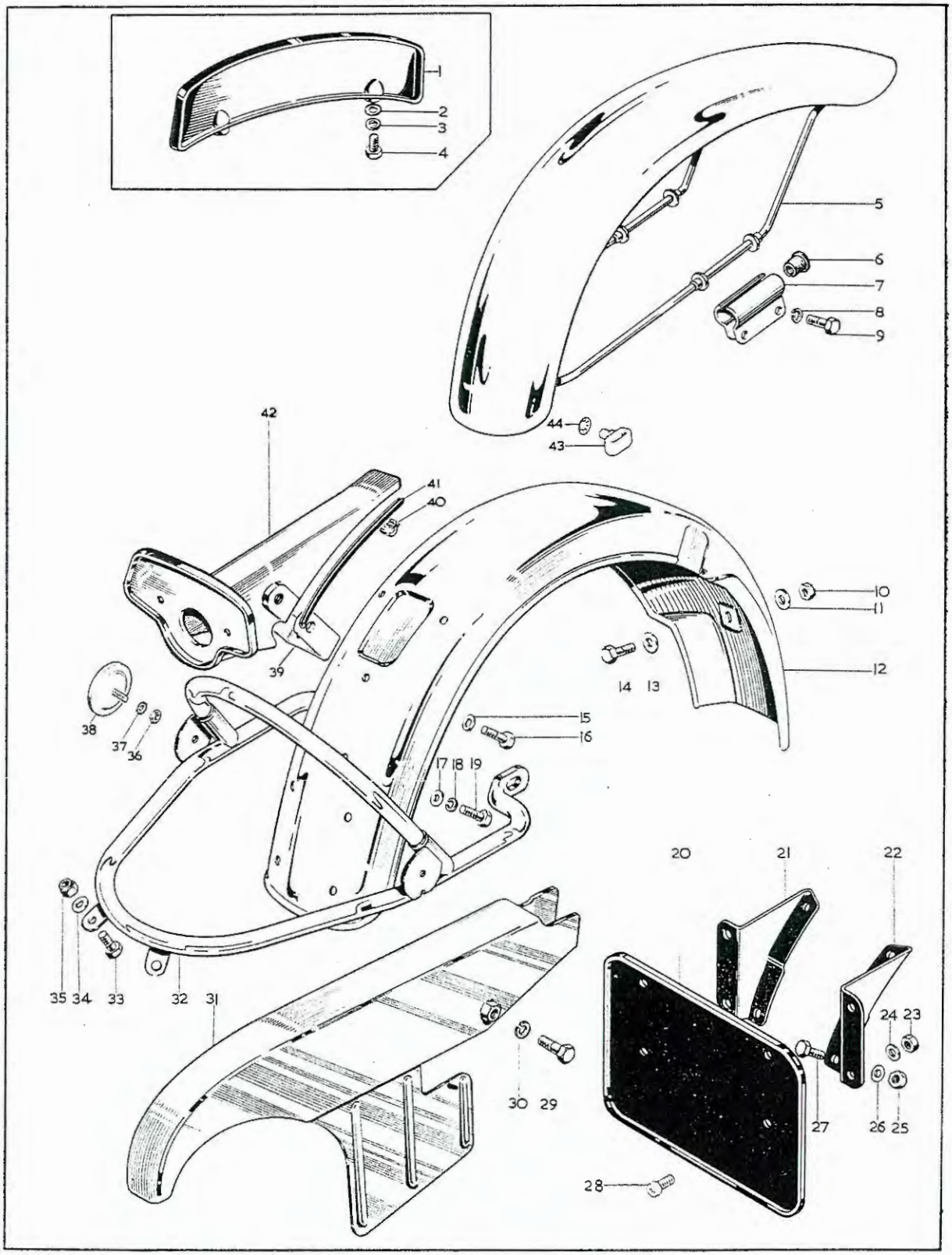

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Plate 15

MUDGUARDS — CHAINGUARD — NUMBER PLATES

Key No.	Part No.	Description	Per Set
1	83-2834*	Front number plate	1
2	68-0597*	Rubber washer — front number plate fixing	2
3	90-6219*	Washer — front number plate fixing (·192″ × ·437″ × ·048″)	2
4	40-3044*	Screw — front number plate fixing (2 B.A. × $\frac{3}{8}$″)	2
5	97-4270	Front mudguard	1
5	97-4272*	Front mudguard	1
6	97-4021	Rubber bush — mudguard mounting	4
7	97-4022	Bracket — mudguard mounting	4
8	60-2427	Spring washer — mounting bracket (·281″ × ·465″ × ·064″)	4
9	14-0103	Bolt — mudguard mounting ($\frac{1}{4}$″ UN.F. × $\frac{3}{4}$″)	4
10	14-1301	Nut — rear mudguard fixing ($\frac{1}{4}$″ UN.F.)	4
11	27-8560	Washer — rear mudguard fixing (·255″ × ·625″ × ·048″)	4
12	83-3160	Rear mudguard	1
13	27-8560	Washer — rear mudguard fixing (·255″ × ·625″ × ·048″)	4
14	14-0101	Bolt — rear mudguard fixing ($\frac{1}{4}$″ UN.F. × $\frac{1}{2}$″)	4
15	60-2320	Washer — rear lamp housing top fixing (·270″ × ·562″ × ·056″)	1
16	14-6101	Bolt — top, rear lamp housing ($\frac{1}{4}$″ UN.C. × $\frac{1}{2}$″)	1
17	60-2320	Washer — rear lamp housing bottom fixing (·270″ × ·562″ × ·056″)	3
18	60-2417	Spring washer — rear lamp housing lower fixing (·281″ × ·425″ × ·072″)	2
19	14-0102	Bolt — rear lamp lower fixing ($\frac{1}{4}$″ UN.F. × $\frac{5}{8}$″)	2
20	83-2726*	Rear number plate	1
21	83-2727	Fixing bracket — rear number plate (left)	1
22	83-2728	Fixing bracket — rear number plate (right)	1
23	14-0301*	Nut — rear number plate fixing ($\frac{1}{4}$″ UN.F.)	4
24	60-2320*	Washer — rear number plate fixing (·270″ × ·562″ × ·056″)	4
25	14-0301	Nut — rear number plate bracket to mudguard ($\frac{1}{4}$″ UN.F.)	4
26	60-2338	Washer — rear number plate bracket (·270″ × ·625″ × ·056″)	4
27	14-0101	Bolt — rear number plate bracket to mudguard ($\frac{1}{4}$″ UN.F. × $\frac{1}{2}$″)	4
28	14-0604*	Screw — rear number plate to bracket ($\frac{1}{4}$″ UN.F. × $\frac{1}{2}$″)	4
29	14-0206	Bolt — chainguard to swinging arm ($\frac{1}{4}$″ UN.F. × 1$\frac{1}{2}$″)	1
30	29-0541	Washer — chainguard fixing (·265″ × ·468″ × ·024″)	1
31	83-3259	Chainguard	1
32	83-3443	Support rail and grab handle	1
33	14-0102	Bolt — support rail to mudguard ($\frac{1}{4}$″ UN.F. × $\frac{5}{8}$″)	2
34	54-9081	Washer — support rail to mudguard (·281″ × ·563″ × ·078″)	2
35	14-1201	Nut — support rail to mudguard ($\frac{1}{4}$″ UN.F.)	2
36	54-9017	Nut — reflector fixing (2 BA.)	2
37	60-2391	Washer — reflector fixing (·202″ × ·391″ × ·032″)	1
38	19-1339	Reflector	1
39	83-3419	Bracket — flasher mounting	1
40	60-3313	Spire nut — rear lamp housing top fixing	1
41	83-3211	Rubber beading — rear lamp housing	2
42	83-2736	Rear lamp housing	1

*Home and General Export only

Plate 16

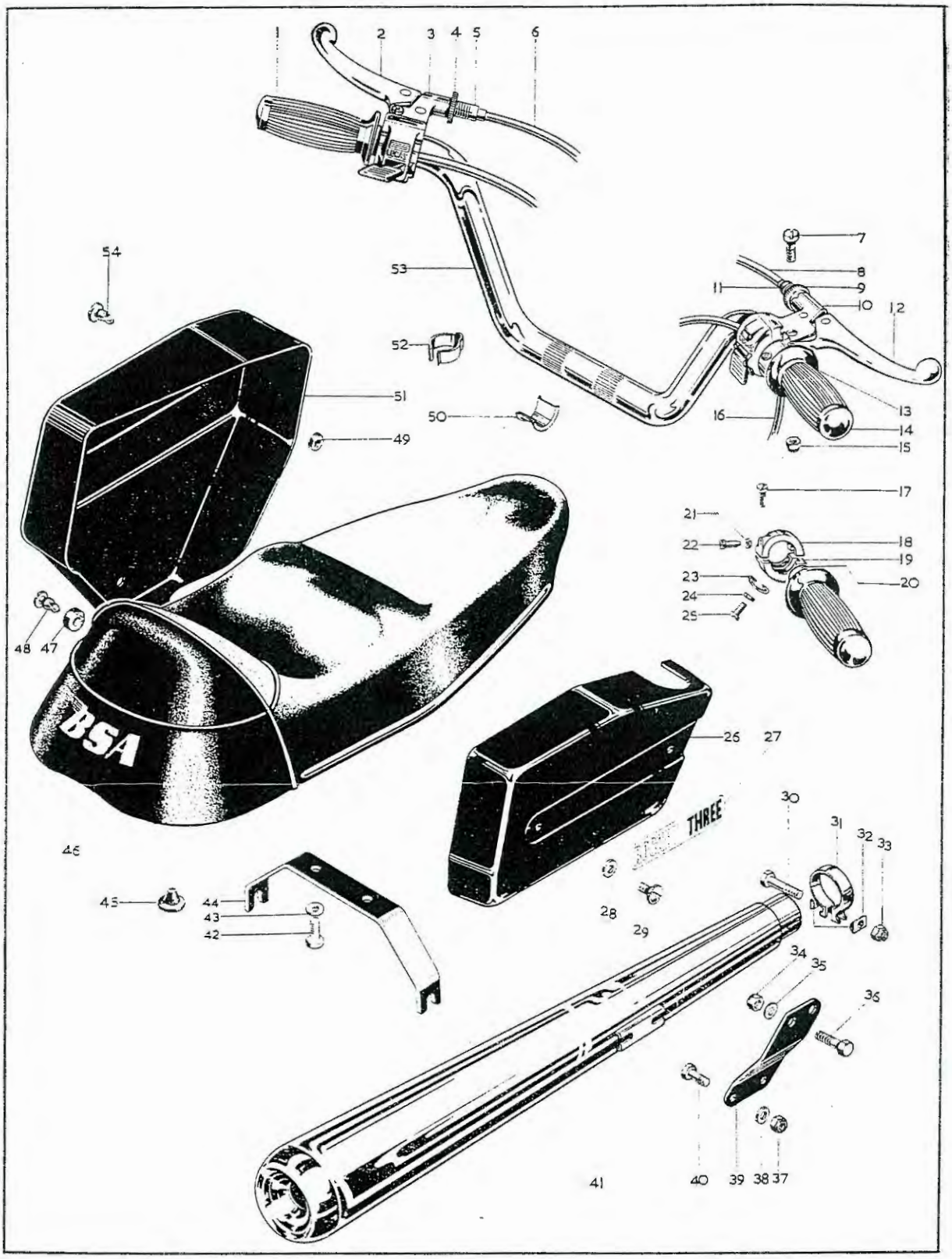

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Plate 16

HANDLEBAR — DUAL SEAT — SIDE PANELS — SILENCERS

Key No.	Spares No.	Description	Per Set
1	19–7221	Rubber grip — handlebar, left	1
2	60–3657	Lever blade — clutch control	1
3	19–1333†	Switch assembly — dip (Lucas 39595)	1
4	60–3586	Adjuster nut — clutch cable	1
5	60–3585	Adjuster sleeve — clutch cable	1
6	60–2445	Cable — clutch	1
7	21–2048	Pivot screw — clutch and brake levers ($\frac{1}{4}$" UN.F. × $\frac{15}{16}$")	2
8	60–3557	Cable — front brake	1
9	60–3586	Adjuster nut — brake cable	1
10	19–1332†	Switch assembly — direction indicator (Lucas 39596)	1
11	60–3585	Adjuster sleeve — clutch cable	1
12	60–3583	Lever blade — front brake control	1
13	19–7237	Throttle control — complete assembly	1
14	19–7222	Rubber grip — handlebar, right	1
15	14–1301	Locknut — lever pivot ($\frac{1}{4}$" UN.F.)	2
16	60–2202	Throttle control cable	1
17		Body screw — throttle control (Amal 11/013)	2
18		Throttle control body — top half (Amal 364/013)	1
19		Throttle control body — bottom half (Amal 364/014)	1
20		Rotor — throttle control (Amal 364/017)	1
21		Locknut — rotor adjusting screw (Amal 5/077)	1
22		Rotor adjusting screw (Amal 364/020)	1
23		Friction spring — throttle control (Amal 16/008)	1
24		Locknut — friction spring screw (Amal 16/010)	1
25		Friction spring screw (Amal 16/009)	1
26	83–4158	Sidecover — right	1
27	60–3727	Badge — side panels	2
28	82–9964	Rubber washer	2
29	21–0767	Screw — sidecover to oil tank ($\frac{1}{4}$" UN.F. × $\frac{7}{16}$")	2
30	14–0219	Bolt — silencer clamp ($\frac{5}{16}$" UN.F. × 1$\frac{1}{2}$")	2
31	75–2725	Clamp — silencer to exhaust pipe	2
32	75–2719	Saddle washer — silencer clamp	4
33	14–1302	Nut — silencer clamp bolt ($\frac{5}{16}$" UN.F.)	2

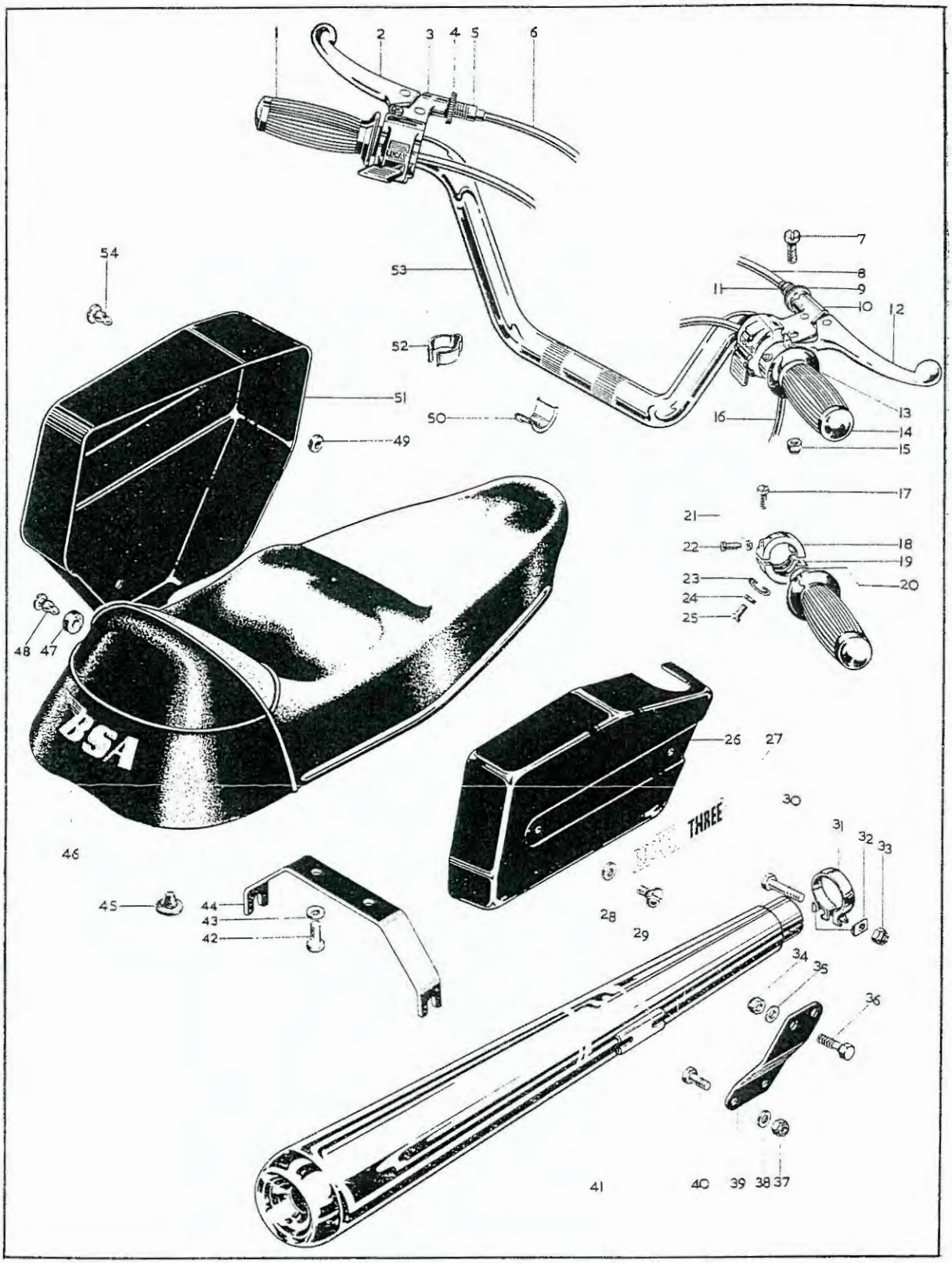

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Plate 16—*cont.*
HANDLEBAR — DUAL SEAT — SIDE PANELS — SILENCERS

Key No.	Spares No.	Description	Per Set
34	14–1303	Nut — silencer bracket fixing UN.F.)	2
35	02–1733	Washer — silencer bracket fixing (·380″ × ·812″ × ·064″)	2
36	14–0129	Bolt — silencer bracket fixing ($\frac{3}{8}$″ UN.F. × 1$\frac{1}{4}$″)	2
37	14–1201	Nut — silencer fixing ($\frac{1}{4}$″ UN.F.)	4
38	60–2338	Washer — silencer fixing (·270″ × ·625″ × ·056″)	4
39	83–3280	Silencer bracket — right	1
39	83–3279	Silencer bracket — left	1
40	14–0101	Bolt — silencer fixing ($\frac{1}{4}$″ UN.F. × $\frac{1}{2}$″)	4
41	71–2382	Silencer	2
42	14–0113	Bolt — bracket to dualseat ($\frac{5}{16}$″ UN.F. × $\frac{5}{8}$″)	2
43	24–8784	Washer — spring, bracket to dualseat (·315″ × ·625″ × ·040″)	2
44	83–3442	Seat bracket	1
45	40–8046	Rubber buffer	4
45	82–7835*	Rubber buffer	4
46	83–3853	Dualseat	1
46	19–6050	Cover — dualseat	1
46	83–3438*	Dualseat	1
46	19–6048*	Cover — dualseat	1
47	82–9964	Rubber washer — "oddie" stud, at ignition switch bracket	1
48	60–3632	"Oddie" stud — at ignition switch bracket	1
49	68–9226	Rubber washer	3
50	75–4909	Sleeve — handlebar mounting	4
51	83–4157	Sidecover — left	1
52	97–4112	Cable clip — handlebar	4
53	97–4252	Handlebar	1
53	97–4251*	Handlebar	1
54	83–1430	"Oddie" stud	2

†For switch assembly details, see plate 20.

*Home and General Export only.

Plate 17

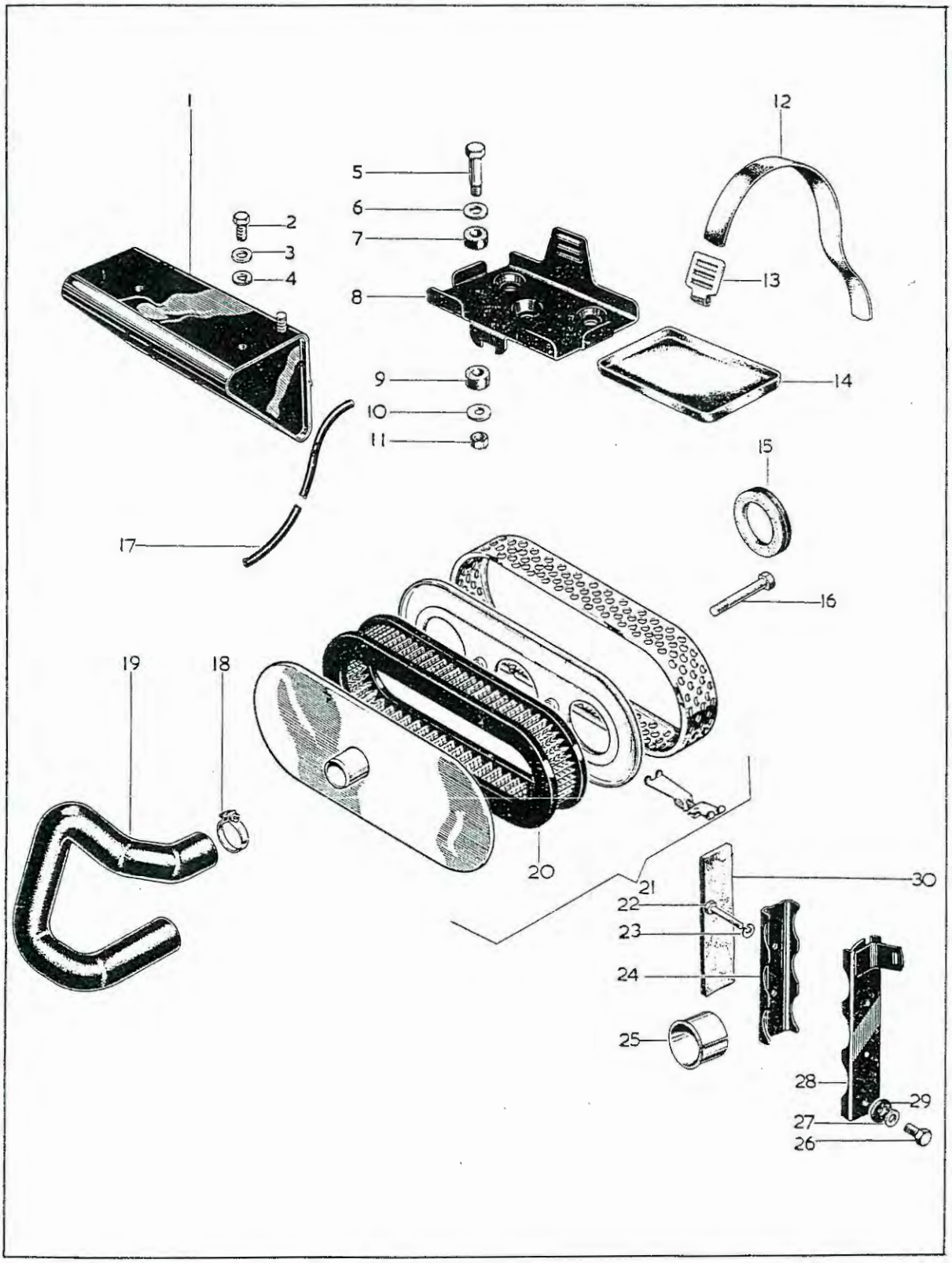

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Plate 17

TOOLBOX — BATTERY CARRIER — AIR CLEANER

Key No.	Spares No.	Description	Per Set
1	82-8495	Toolbox	1
2	14-0101	Bolt — toolbox to frame ($\frac{1}{4}$" UN.F. × $\frac{1}{2}$")	2
3	02-0525	Washer — toolbox to frame bolt (·255" × ·500" × ·048")	2
4	82-9020	Spring washer — toolbox to frame bolt (·255" × ·594" × ·040")	2
5	21-0768	Bolt — carrier to platform	3
6	02-2138	Washer — carrier to platform, top (·380" × ·750" × ·064")	3
7	40-4524	Mounting rubber — carrier to platform, top	3
8	82-8463	Battery carrier	1
9	40-4524	Mounting rubber — carrier to platform, bottom	3
10	82-9008	Washer — carrier to platform, bottom (·317" × ·875" × ·064")	3
11	14-1202	Nut — carrier to platform ($\frac{5}{16}$" UN.F.)	3
12	68-4577	Strap — battery retaining	1
13	82-9004	Hook — battery retaining strap	1
14	68-4597	Rubber tray — battery carrier	1
15	82-9562	Grommet — air cleaner	3
16	14-0213	Bolt — air cleaner to manifold ($\frac{1}{4}$" UN.F. × 3$\frac{1}{2}$")	2
17	82-7431	Vent pipe — battery	1
18	60-0706	Clamp — breather hose	2
19	82-8743	Connector hose — breather to air cleaner	1
20	70-9138	Element — air cleaner	1
21	60-3275	Air cleaner — complete assembly	1
22	21-1981	Bolt — coil clamp (10 UN.F. × 1$\frac{3}{4}$")	2
23	24-7068	Washer — spring, coil clamp bolt (·203" × ·328" × ·064")	2
24	82-8549	Coil clamp	3
25	82-9654	Sleeve — coil clamp	3
26	14-0103	Bolt — coil support to frame ($\frac{1}{4}$" UN.F. × $\frac{3}{4}$")	1
27	27-8560	Washer — coil support to frame bolt (·266" × ·625" × ·048")	2
28	83-1384	Coil support complete	1
29	83-1984	Washer — rubber, coil support to frame bolt	2
30	82-8256	Rubber pad — coil clamp	1

Plate 18

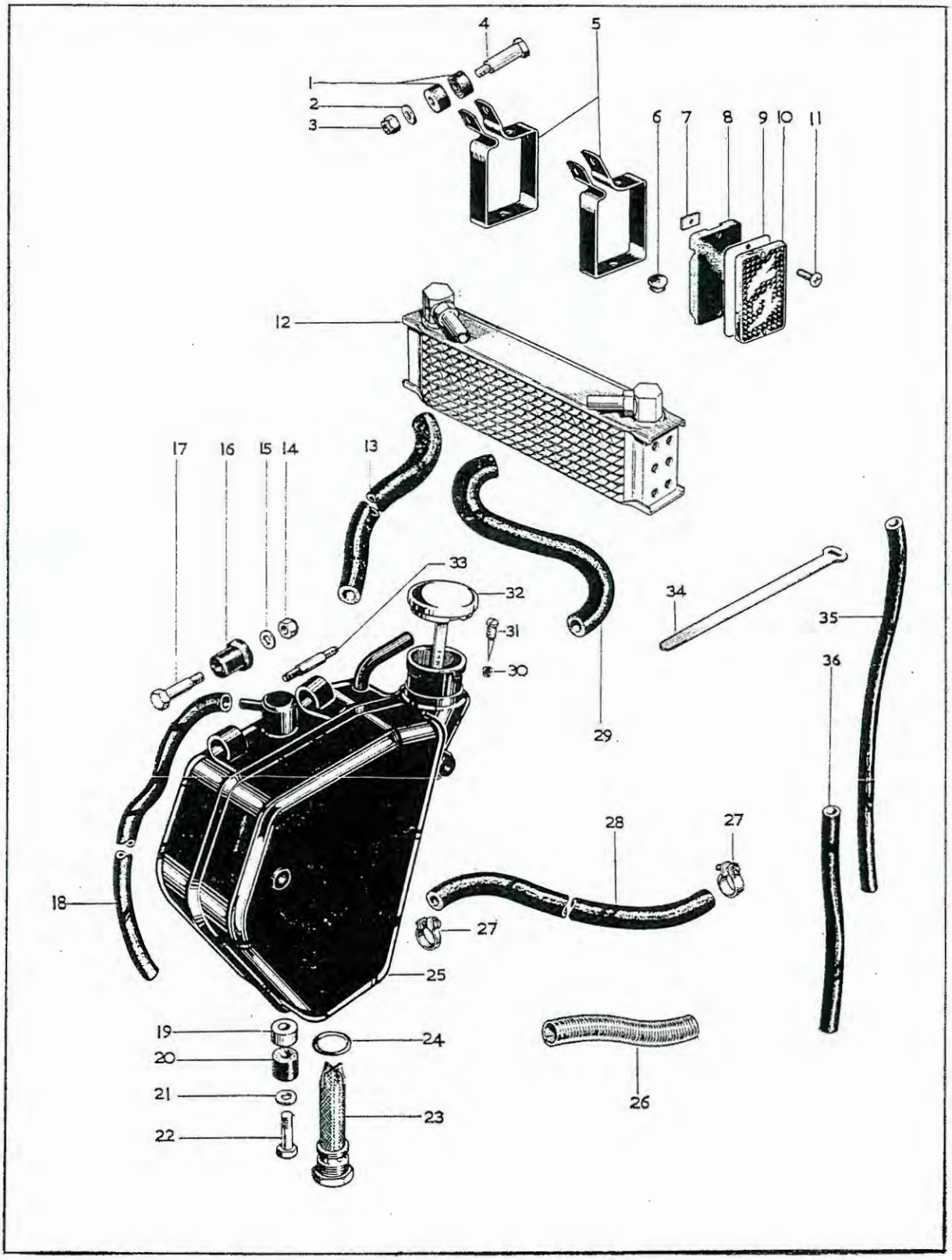

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Plate 18

OIL TANK — OIL COOLER — OIL PIPES

Key No.	Spares No.	Description	Per Set
1	82-8657	Rubber — oil cooler mounting	4
2	76-0101	Washer — cooler strap mounting (·266″ × ·750″ × ·080″)	2
3	14-1301	Nut — cooler strap mounting (¼″ UN.F.)	2
4	21-0752	Bolt — cooler strap mounting	2
5	83-3858	Strap — oil cooler mounting	2
5	83-4457*	Strap — oil cooler mounting	2
6	82-9157	Grommet — oil cooler mounting, at bracket	4
6	82-9157*	Grommet — oil cooler mounting, at bracket	6
7	82-9573	Nut — reflector fixing (4 B.A.)	4
8	82-9571	Mounting rubber — reflector fixing	2
9	82-9906	Backing plate — reflector fixing	2
10	19-1338	Reflector — front (amber)	2
11	21-1940	Screw — oil cooler reflector fixing (4 B.A.)	4
12	82-9315	Oil cooler	1
13	71-2483	Flexible pipe — oil cooler to rocker box	1
13	71-3228*	Flexible pipe — oil cooler to rocker box	1
14	14-1301	Nut — oil tank top mounting (¼″ UN.F.)	3
15	27-8560	Washer — oil tank top mounting (·266″ × ·625″ × ·048″)	4
16	40-8436	Rubber — oil tank top mounting	2
17	21-0754	Bolt — oil tank top mounting	1
18	82-9664	Breather pipe — oil tank	1
19	83-1952	Distance piece — oil tank botttom mounting	1
20	83-1585	Rubber — oil tank bottom mounting	1
21	02-0923	Washer — oil tank bottom mounting (·317″ × ·625″ × 1/16″)	1
22	14-0217	Bolt — oil tank bottom mounting (5/16″ UN.F. × 1¼″)	1
23	83-3331	Oil tank filter plug complete	1
24	68-0610	"O" ring — filter plug	1
25	83-3199	Oil tank complete	1
26	82-9530	Spring — oil feed pipe	1
26	82-9531	Spring — oil return pipe	1
27	70-6848	Clamp — flexible oil pipe fixing	2
28	70-8904	Flexible pipe — oil tank to engine	1
29	71-2484	Flexible pipe — oil cooler to tank	1
29	71-3229*	Flexible pipe — oil cooler to tank	1
30	82-6874	Spring — metering screw	1
31	82-9435	Metering screw — chain oiler (¼″ UN.F. × 29/64″)	1
32	82-8627	Filler cap and dipstick	1
33	83-1386	Stud — oil tank front mounting	1
34	82-9918	Clip — oil pipes to frame	4
35	82-8919	Rear chain oiler pipe — long	1
36	82-9997	Rear chain oiler pipe — short	1

*Home and General Export only.

Plate 19

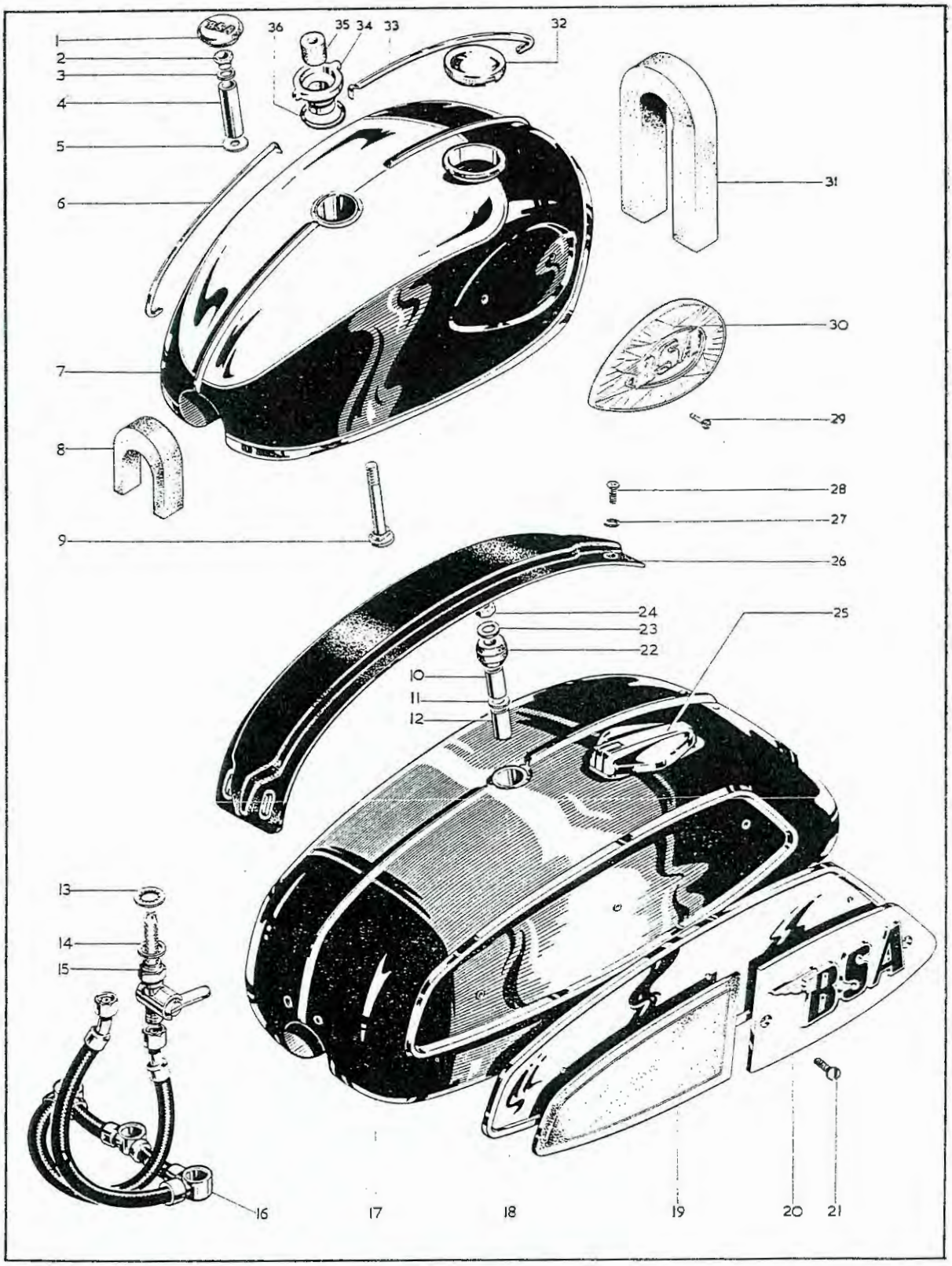

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Plate 19

FUEL TANK

Key No.	Spares No.	Description	Per Set
1	42-8010	Grommet — fuel tank centre bolt	1
2	21-1999	Nut — fuel tank fixing	1
3	68-8016	Washer — fuel tank mounting, top (·453″ × ·906″ × ·094″)	1
4	82-9794	Distance tube — fuel tank mounting	1
5	76-0012	Washer — fuel tank mounting, bottom (·328″ × ·563″ × ·093″)	1
6	83-3147	Styling strip — rear	1
7	83-2747	Fuel tank complete	1
8	82-9920	Rubber — fuel tank mounting, rear	1
9	83-3830	Bolt — fuel tank fixing	1
9	21-1993*	Bolt — fuel tank fixing	1
10	76-4120	Distance tube — fuel tank mounting, top	1
11	03-0101*	Washer — fuel tank mounting (·328″ × 1·125″ × ·092″)	1
12	82-8327*	Distance tube — fuel tank mounting, bottom	1
13	83-0002	Washer — fuel tap (·531″ × ·875″ × ·036″)	2
14	70-7351	Sealing washer — fuel tap	2
15	83-2800	Fuel tap	1
15	83-2801	Fuel tap — reserve	1
16	83-3355	Fuel pipe assembly	1
16	82-9436*	Fuel pipe assembly	1
17	82-8391*	Fuel tank complete	1
18	82-8588*	Panel — fuel tank, left	1
18	82-8589*	Panel — fuel tank, right	1
19	82-8590*	Knee pad — fuel tank, left	1
19	82-8591*	Knee pad — fuel tank, right	1
20	82-8611*	Badge — fuel tank, right	1
20	82-8610*	Badge — fuel tank, left	1
21	21-6206*	Screw — fuel tank badge and panel fixing	6
22	40-8085*	Rubber — fuel tank mounting	1
23	03-0101*	Washer — fuel tank mounting (·328″ × 1·125″ × ·092″)	1
24	14-0302	Nut — fuel tank mounting ($\frac{5}{16}$″ UN.F.)	1
25	68-8190	Filler cap and rivet — fuel tank	1
26	82-8609*	Styling strip — fuel tank	1
27	82-8947*	Washer — styling strip to tank	4
28	82-8946*	Screw — styling stip to tank (2 B.A. × $\frac{5}{8}$″ countersunk)	4
29	82-8250	Screw — fuel tank badge fixing ($\frac{1}{8}$″ WF. × $\frac{3}{8}$″)	4
30	83-3270	Badge — fuel tank, left	1
30	83-3271	Badge — fuel tank, right	1
31	82-9919	Rubber — fuel tank mounting, front	1
32	83-3875	Filler cap — fuel tank	1
33	83-3146	Styling strip — front	1
34	82-9782	Styling strip holder	1
35	42-8017	Rubber — fuel tank mounting	1
36	68-8013	Rubber ring — fuel tank fixing	1

*Home and general export only.

Plate 20

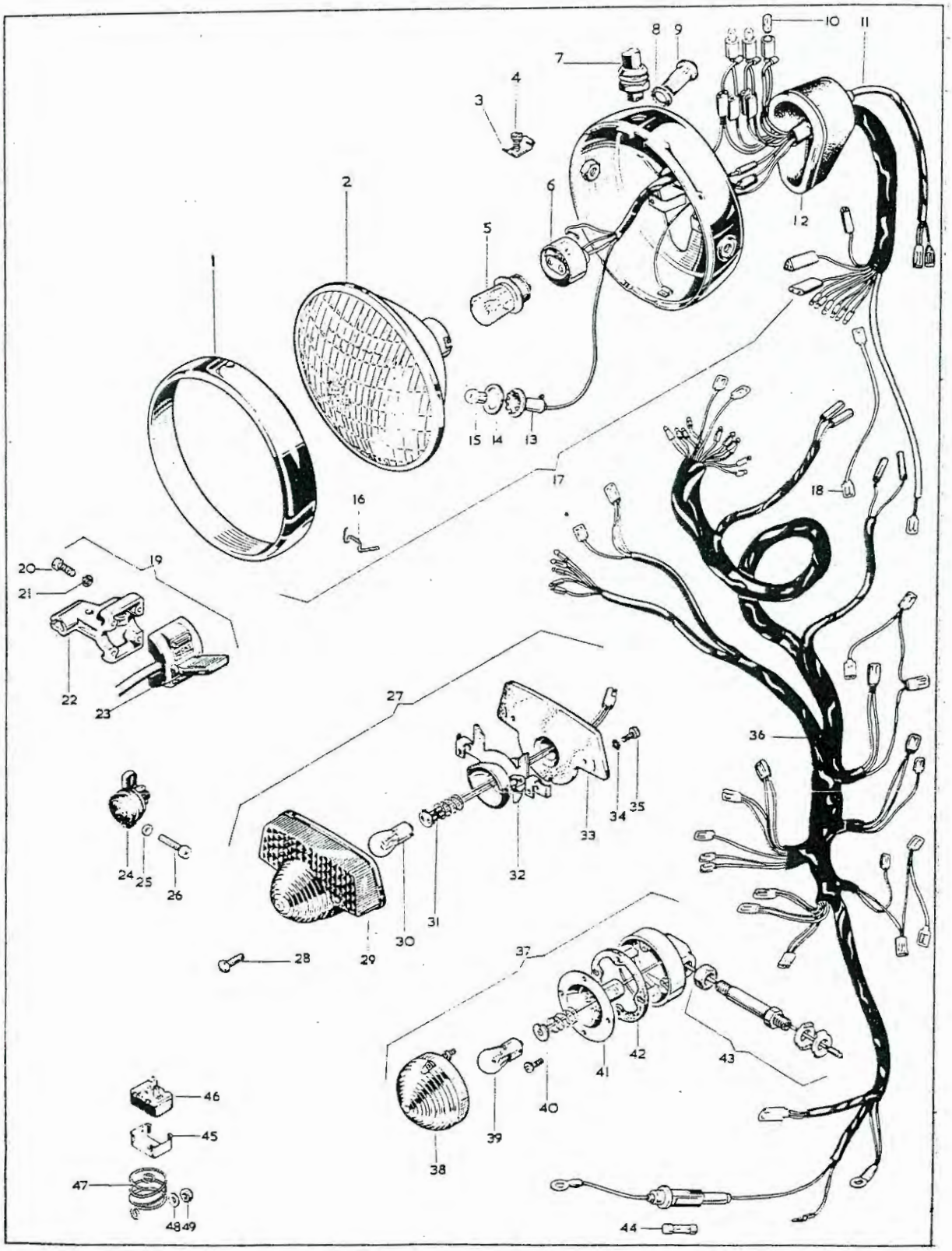

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Plate 20

ELECTRICAL EQUIPMENT (PART 1)

Key No.	Spares Number		Description	Per Set
	B.S.A. No.	Makers No.		
1		553248	Headlamp rim	1
2	19–0960	54525927	Light unit	1
2		54522680	Light unit — France	1
3		534296	Plate — rim fixing	1
4		144921	Screw — rim fixing plate	1
5			Bulb — main (370)	1
5	19–1064		Bulb — main, for France (411)	1
6		554602	Bulb holder — main	1
7	19–1095	31356	Light switch	1
8		54140331	Sealing washer — warning lights	3
9		54363453	Direction indicator warning light body (amber)	1
9		54363454	Oil pressure warning light body (red)	1
9		54363455	Main beam warning light body (green)	1
10			Bulb — warning lights (281)	3
11		54960712	Headlamp harness	1
12	19–1349	54524048	Rubber cover — headlamp harness	1
13		54573590	Pilot bulb holder	1
14		554354	Rubber ring — pilot bulb holder	1
15			Bulb — pilot (989)	1
16		504665	Wire clip — light unit fixing	6
17	19–1352	60260	Headlamp	1
17		60396	Headlamp — France	1
18		54954267	Link lead — ignition coil	1
19	19–1332	39596	Handlebar switch assembly — direction indicator	1
19	19–1333	39595	Handlebar switch assembly — dip	1
20		54115246	Screw — handlebar switch	8
21		185022	Washer — handlebar switch screw	8
22	19–1364	54340882	Lever half — dipswitch	1
22	19–1363	54340883	Lever half — direction indicator switch	1
23	19–1337	54033667	Switch half — direction indicator switch	1

Plate 20—*contd.*

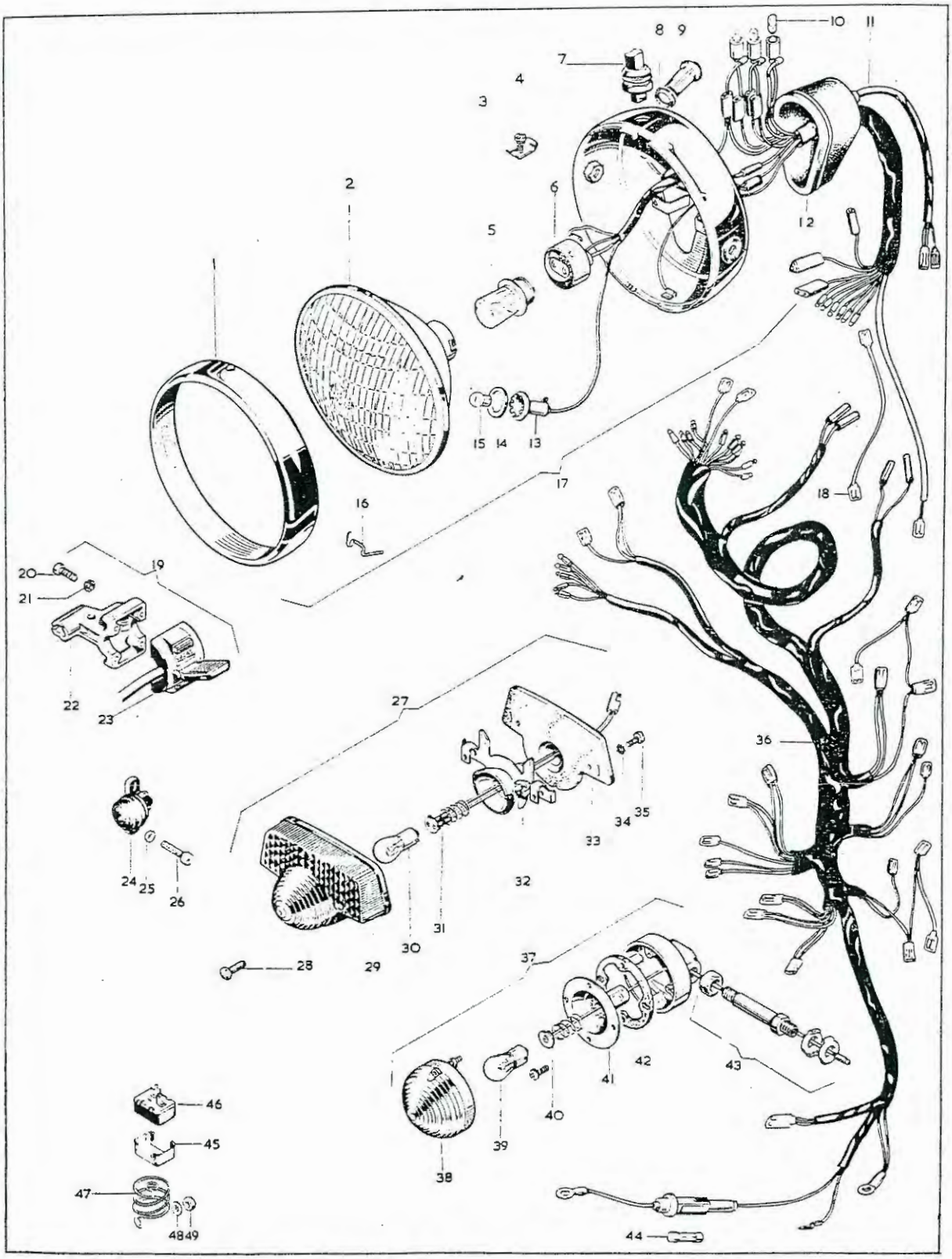


Plate 20—*cont.*

ELECTRICAL EQUIPMENT (PART 1)

Key No.	Spares Number		Description	Per Set
	B.S.A. No.	Makers No.		
23	19–1334	54033666	Switch half — dip switch	1
24	19–0916	34815	Stop switch — rear	1
25	26–9461		Washer — rear stop switch fixing (·203″ × ·562″ × ·048″)	4
26	42–4574		Screw — rear stop switch fixing ($\frac{3}{16}$″ B.S.C. × $\frac{1}{2}$″)	2
27	19–1245	53973	Rear lamp — complete assembly	1
28		144921	Screw — rear lamp lens fixing	2
29		54577109	Lens — rear lamp	1
30			Bulb — rear lamp (380)	1
31		573828	Interior bulb holder — rear lamp	1
32		54525286	Base plate — rear lamp	1
33		54571677	Gasket — rear lamp mounting	1
34		188330	Shakeproof washer — rear lamp fixing	2
35		110714	Screw — rear lamp fixing	2
36	19–1280	54960717	Main harness	-
37	19–1067	56147	Flasher lamp — complete assembly	4
38	19–1068	54581638	Lens assembly — flasher lamp	4
39			Bulb — flasher lamp (382)	4
40		573832	Interior assembly — flasher lamp	4
41		554548	Bulb holder shell — flasher lamp	4
42		54580300	Gasket — flasher lamp	4
43	97–4248	54582415	Stem — flasher lamp (front)	2
43	83–3525	54582414	Stem — flasher lamp (rear)	2
44	19–1249	188218	Fuse — main harness (35 amp.)	1
45	19–1098	54385091	Clip — flasher unit mounting	1
46	19–1079	35048	Flasher unit	1
47	19–1353	54386637	Spring — flasher unit	1
48	76–0293		Washer — flasher unit spring (·234″ × ·562″ × ·022″)	2
49	54–9017		Nut — flasher unit spring (2 B.A.)	2

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

Plate 21

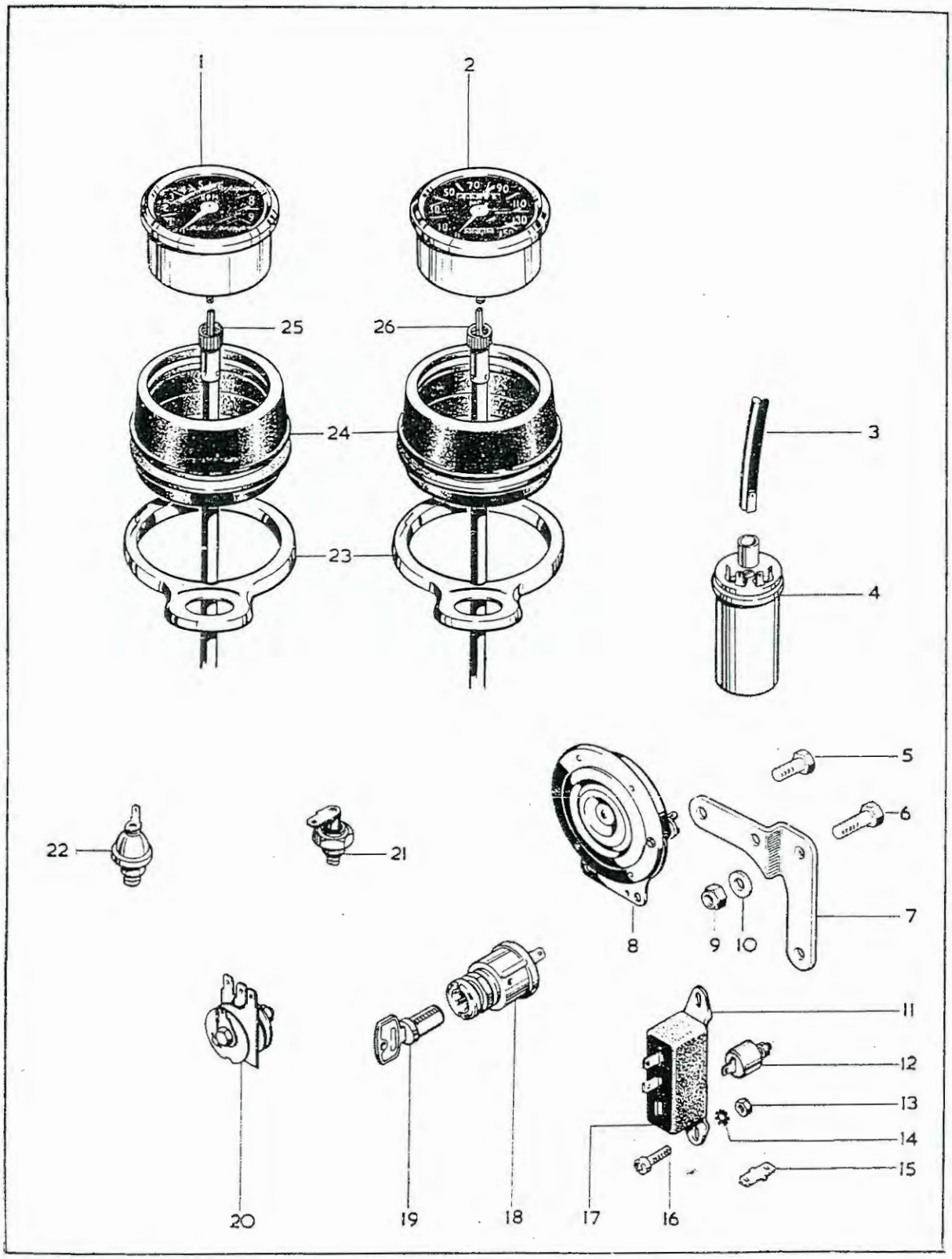


Plate 21

ELECTRICAL EQUIPMENT (PART 2)

Key No.	Spares Number		Description	Per Set
	B.S.A. No.	Makers No.		
1	19-8953	RSM.3003/13	Tachometer	1
2	19-8948	SSM.5007/00	Speedometer — m.p.h.	1
2	19-8949	SSM.5007/01	Speedometer — k.p.h. (optional)	1
2	19-9080†	41/148/203/10	Speedometer trip shaft	1
3	19-1898	54956436	High-tension lead — non-resistive	3
3	19-1899*	54956478	High-tension lead — resistive	3
4	19-1881	45223	High-tension coil	3
5	14-0103		Bolt — horn to bracket ($\frac{1}{4}$" UN.F. × $\frac{3}{4}$")	2
6	14-0101		Bolt — horn bracket to frame ($\frac{1}{4}$" UN.F. × $\frac{1}{2}$")	2
7	83-3269		Horn bracket	1
8	19-2084	70216	Horn	1
9	14-1202		Nut — horn and bracket fixing ($\frac{1}{4}$" UN.F.)	4
10	60-2320		Washer — horn and horn bracket (·270" × ·562" × ·056")	4
11	19-1861	54418526	Base plate — condenser set	1
12	19-1847	54420128	Condenser	3
13	02-0047		Nut — condenser base plate fixing ($\frac{3}{16}$" B.S.C.)	2
14	29-3319		Washer — condenser plate screw (·200" × ·400" × ·021")	2
15	19-1915	54190038	"Lucar" blade — condenser earth	1
16	40-0236		Screw — condenser base plate fixing (2 B.A. × $\frac{5}{8}$")	2
17	19-1848	54418528	Cover — condenser pack	1
18	19-1265	39784	Master switch — ignition	1
19	82-6981		Lock and keys — ignition switch	1
20	19-1715	49072	Rectifier	1
21	19-1735	54048288	Zener diode	1
22	19-6508	PS.5300/1/07	Switch — oil pressure	1
23	97-4026		Bracket — speedometer and tachometer mounting	2
24	60-2600		Cup — speedometer and tachometer mounting	2
25	19-9107		Cable — tachometer drive	1
26	19-9108		Cable — speedometer drive	1
	19-1776†	54027029	Battery — PUZ5A	1

*Home and General Export only. †Not illustrated

Note:—Where a part number is not quoted, that part is available from manufacturers only.

Plate 22

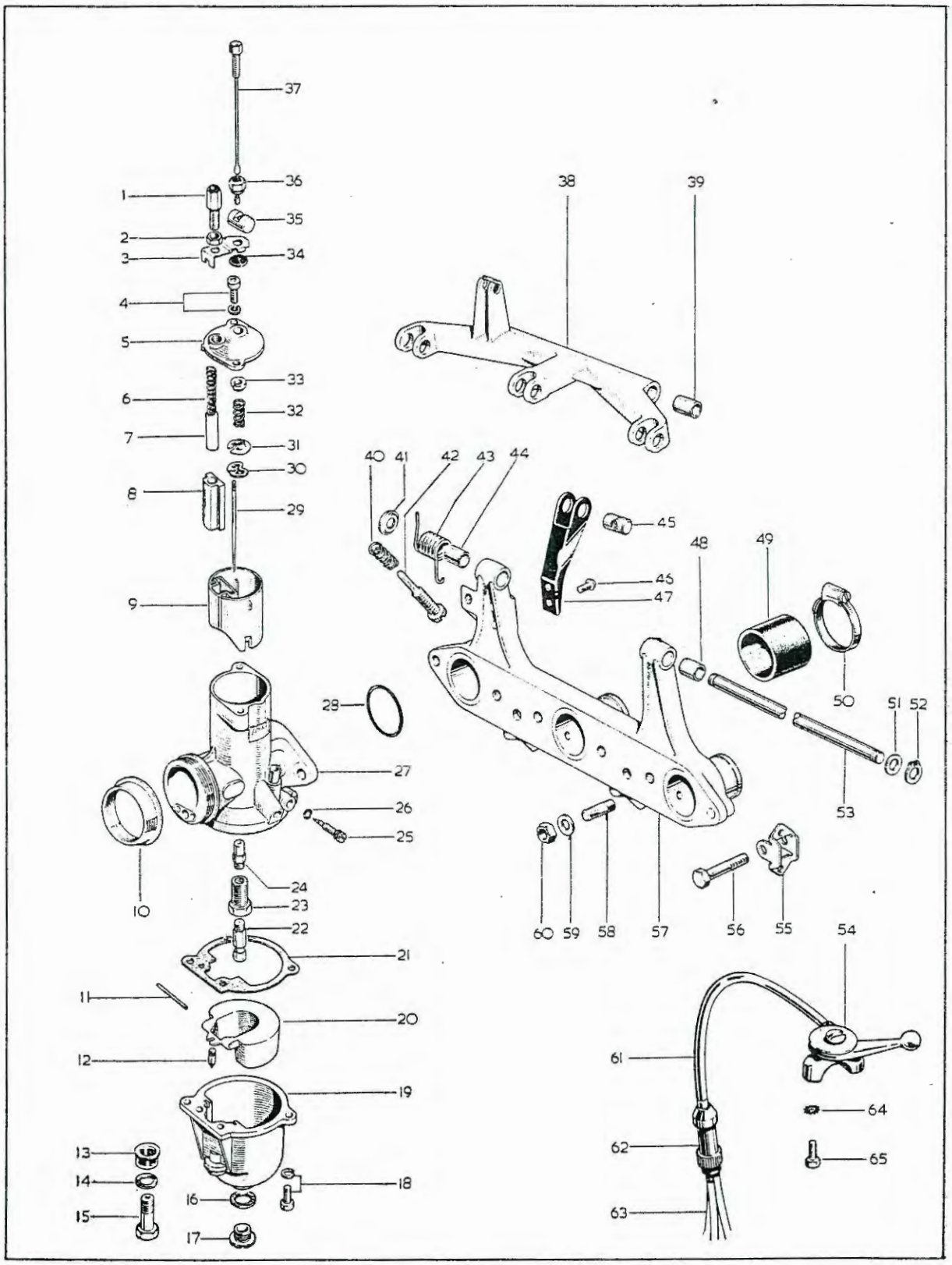

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Plate 22

CARBURETTERS — THROTTLE LINKAGE

Key No.	Spares Number		Description	Per Set
	B.S.A. No.	Makers No.		
	19-2409	L.626/48	Carburetter complete (left)	1
	19-2415	R.626/49	Carburetter complete (centre)	1
	19-2408	R.626/47	Carburetter complete (right)	1
1	19-2711	4/035	Adjuster — air cable	3
2		5/077	Locknut — air cable adjuster	3
3		622/125	Locating clip — top cap seal washer	3
4	19-3093	622/086	Screw and washer — top cap fixing	6
5		622/097	Top cap — carburetter body	3
6		622/129	Spring — air valve	3
7		622/134	Guide — air valve spring	3
8	19-3091	622/062	Air valve	3
9	19-3129	622/060	Throttle valve (3½)	3
10	70-9586		Adaptor — carburetter intake	3
11	19-3116	622/071	Float spindle	3
12	19-3105	622/068	Needle for float	3
13	19-3048	376/093	Fuel filter	3
14	19-2834	13/163	Washer — fibre, banjo bolt	3
15	19-3103	622/078	Banjo bolt — fuel pipe to float chamber	3
16		622/151	Washer — float chamber drain plug	3
17	19-3144	622/147	Drain plug — float chamber	3
18	19-3093	622/086	Screw and washer — float chamber fixing	6
19	19-3143	622/050	Float chamber	3
20	19-3102	622/069	Float	3
21	19-3106	622/073	Gasket — float chamber	3
22	19-3099	376/100	Main jet (150)	3
23		622/128	Main jet holder	3
24	19-3136	622/122	Needle jet (·106")	3
25	19-3113	622/076	Screw — pilot air adjusting	3
26	19-3098	622/082	"O" ring — pilot air adjusting screw	3
27	19-2409	L.626/48	Carburetter body (left)	1
27	19-2415	R.626/49	Carburetter body (right and centre)	2
28	19-3090	622/101	"O" ring — carburetter flange	3
29	19-3137	622/124	Throttle needle	3
30	19-3095	622/067	Clip — throttle needle	3
31	60-1987	622/116	Retaining plate — throttle rod spring	3
32	60-1960	622/113	Spring — throttle rod retaining	3
33	60-1959	622/115	Cap — throttle rod retaining	3

Plate 22—*Cont.*

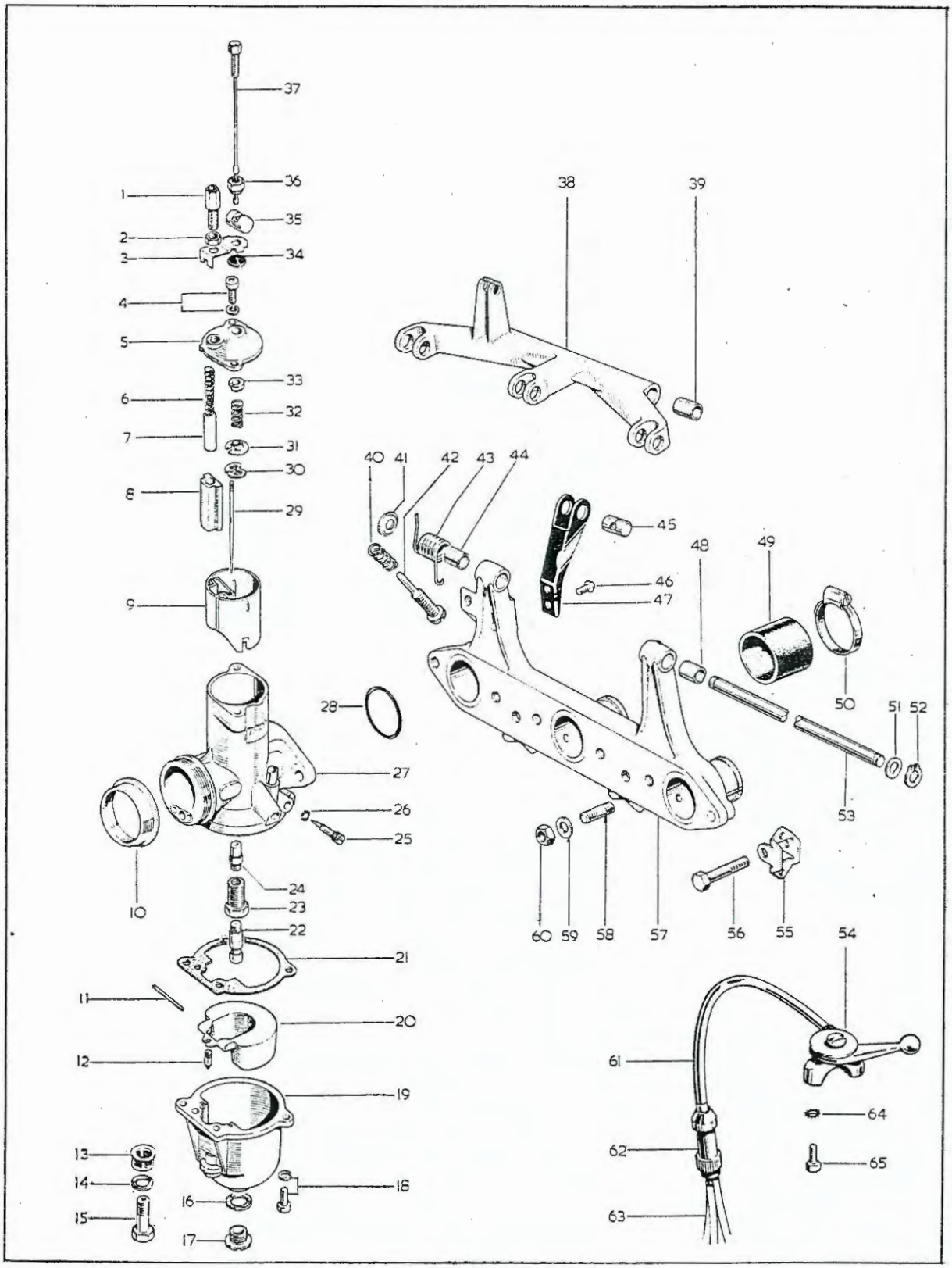


Plate 22—*cont.*

CARBURETTERS — THROTTLE LINKAGE

Key No.	Spares Number		Description	Per Set
	B.S.A. No.	Makers No.		
34		622/126	Seal washer — carburetter top cap	3
35	70–9243		Trunnion — throttle linkage	3
36	70–9253		Locknut — throttle rod	3
37	60–1984	622/119	Throttle assembly	3
38	70–9278		Arm assembly — throttle linkage	1
39	70–9073		Bush — throttle arm	2
40	70–9254		Spring — adjuster screw, throttle arm	1
41	70–9821		Retainer — throttle return spring	1
42	70–9252		Adjuster screw — throttle arm	1
43	70–9880		Spring — throttle arm return	1
44	70–9820		Distance piece — throttle return spring	1
45	70–9243		Trunnion — throttle linkage	1
46	21–0774		Screw — support arm to adaptor	2
47	70–9242		Support arm — throttle linkage	1
48	70–9073		Bush — adaptor spindle	2
49	70–9060		Connection tube	3
50	60–0707		"Jubilee" clip — connection tube	6
51	71–0245		Washer — throttle arm spindle backing	1
52	70–9255		Circlip — throttle arm spindle	1
53	70–9251		Spindle — throttle arm	1
54	60–3567		Lever — air control	1
55	83–3665		Bracket — air control lever	1
56	14–0218		Bolt — air control lever bracket fixing ($\frac{5}{16}$" UN.F. × $1\frac{1}{2}$") ..	1
57	71–1303		Carburetter adaptor	1
58	14–1619		Stud — carburetter mounting ($\frac{5}{16}$" UN.C./UN.F. × $1\frac{1}{4}$") ..	6
59	54–0055		Washer — carburetter mounting (·344" × ·625" × ·063") ..	6
60	14–1302		Nut — carburetter mounting ($\frac{5}{16}$" UN.F.)	6
61	60–3566		Cable — air control, lever to junction box	1
62	19–3140	244/2080	Junction box — air control cable	1
63	60–2061		Cable — air control, junction box to carburetters	3
64	54–0170		Washer — shakeproof, air control lever fixing bolt ..	2
65	60–3896		Bolt — air control lever to bracket (2 B.A. × $\frac{3}{4}$")	2

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

Plate 23

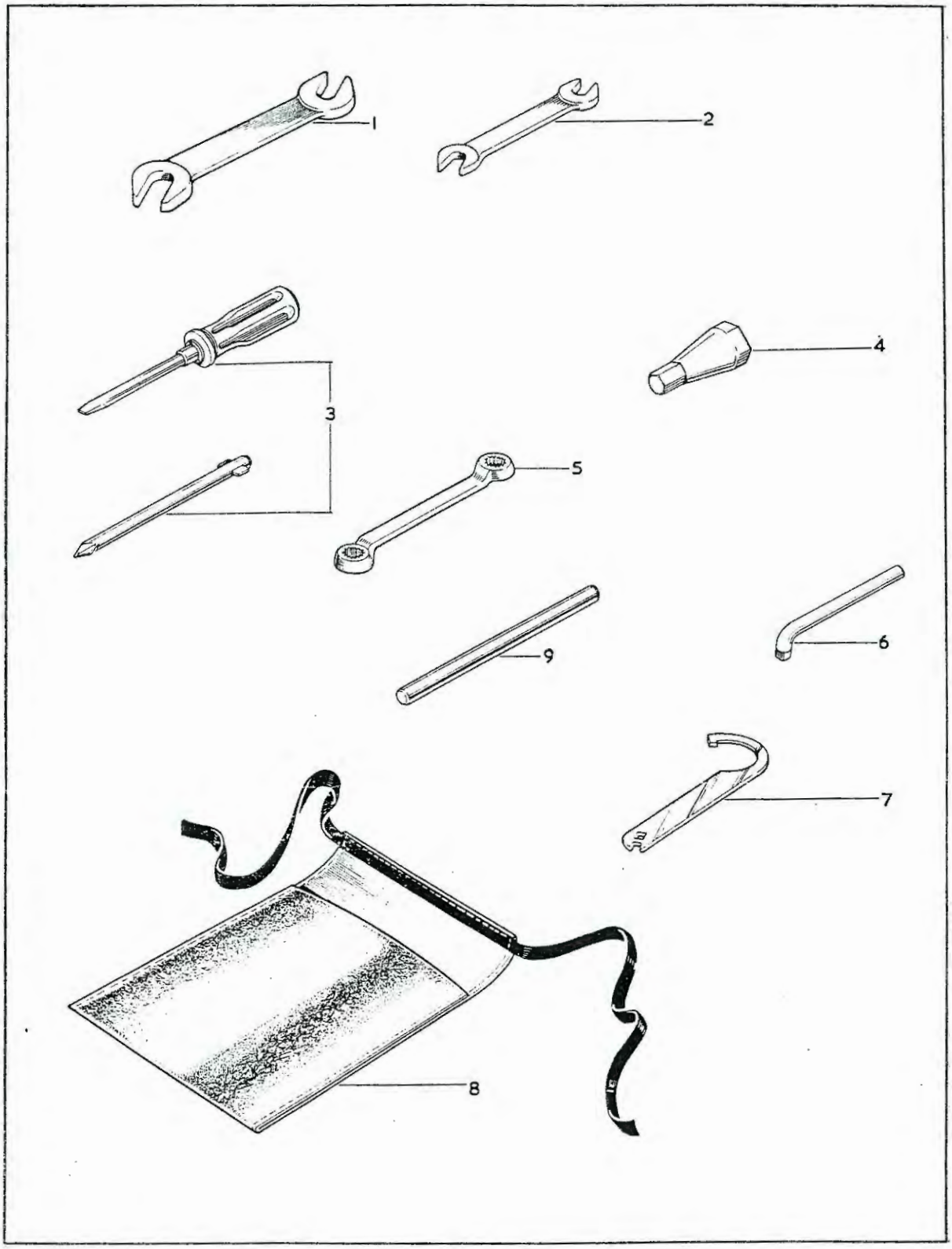


Plate 23

TOOLS

Key No.	Spares No.	Description	Per Set
	60-3351	Toolkit complete	1
1	60-2647	Double open-ended spanner ($\frac{3}{4}$" × $\frac{15}{16}$" A.F.)	1
2	60-3350	Double open-ended spanner ($\frac{11}{32}$" × $\frac{9}{16}$" A.F.)	1
3	60-0767	Screwdriver complete	1
4	60-1910	Spark plug spanner	1
5	60-1907	Double-ended ring spanner ($\frac{7}{16}$" × $\frac{1}{2}$" A.F.)	1
6	60-2020	Tappet spanner	1
7	75-9076	"C" spanner with square socket	1
8	75-9089	Tool roll	1
9	60-1911	Tommy bar	1
	60-2599*	Licence holder	1

*Home and General Export only.