



20-10178C

Replacement parts list 1971

750 cm³ model

Publication
Ref. 00-5723



British Only

MOTORCYCLES AND PARTS INC.

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Replacement parts list

750cm³ model

A75 Rocket 3

Commencing

Engine number JE.00101 A75R

Frame number JE.00101 A75R

Issued by
B.S.A. Motor Cycles Limited
Spares Department,
Montgomery Street,
Birmingham B11 1D7
Telephone: 021 - 772 0559/0537
Telegrams: "Selmoto" Birmingham

B.S.A. Motor Cycles Limited
Registered Office and Works:
Armoury Road, Birmingham B11 2PX
Telephone: 021 - 772 2381. Telex: 33315
Telegrams and Cables:
"Selmoto" Birmingham

1971 Publication
Ref. 00-5723

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: Petrol tank — Firecracker red 82-8391/246

PETROL TANKS

Chromed, Firecracker red sides, Gold lining	/310
Firecracker red	246

SIDECOVER, left

Firecracker red top, grey bottom	/309
--	------

SIDECOVER, right

Firecracker red	/246
-------------------------	------

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 number 00-5125.

Wherever possible, 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. $\times \frac{5}{8}$ ") = $\frac{1}{4}$ " diameter unified fine thread, $\frac{5}{8}$ " long under head.

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

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.

CARBURETTORS

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

Part No.	Description
00-7009	B.S.A. "LOCTITE" PLASTIC GASKET (10 bottle trade pack).
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.
71-1127	CYLINDER HEAD ASSEMBLY.
70-6529	CYLINDER BLOCK ASSEMBLY.
70-9740	CONNECTING ROD ASSEMBLY.
70-8778	CRANKSHAFT ASSEMBLY.
71-2422	CRANKCASE COMPLETE —left, centre and right.
71-1351	OIL PUMP COMPLETE.
19-7800	CLUTCH ASSEMBLY COMPLETE.
57-3871	PRIMARY DRIVE SHOCK ABSORBER ASSEMBLY.
83-3278	FRAME COMPLETE.
83-3243	SWINGING ARM COMPLETE.
97-4137	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 details.
37-3900	REAR HUB — with spindle and bearings.
37-3899	REAR WHEEL — with spindle and bearings.
37-3955	REAR BRAKE ANCHOR PLATE — with brake details.

PISTON CHART

PISTON COMPLETE

Compression Ratio	Standard	+ .005"	+ .010"	+ .020"	+ .040"
9 : 1	70-9741	70-9761	70-9762	70-9763	70-9764

PISTON RINGS (Standard)

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

PISTON RINGS (+ .005")

70-9015 (6)	70-9765 (3)	00-3467
-------------	-------------	---------

PISTON RINGS (+ .010")

70-9016 (6)	70-9766 (3)	00-3468
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PISTON RINGS (+ .020")

70-9017 (6)	70-9767 (3)	00-3469
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PISTON RINGS (+ .040")

70-9018 (6)	70-9768 (3)	00-3470
-------------	-------------	---------

CARBURETTORS

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

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	1-95184		

INDEX

		Page
	Assemblies Complete	5
	Piston Chart	6
	Carburettors	6
	Steering Lock and Key	7
Plate 1	Cylinder Head — Rocker Boxes — Exhaust Pipes	10 - 13
Plate 2	Cylinder — Pistons — Crankshaft	14 - 15
Plate 3	Crankcase — Timing Gears — Oil Filters	16 - 21
Plate 4	Inner Primary Cover — Oil Pump	22 - 23
Plate 5	Clutch	24 - 25
Plate 6	Outer Primary Cover — Chain Tensioner — Clutch Control ..	26 - 27
Plate 7	Gearbox (4-speed)	28 - 31
Plate 8	Gearbox (5-speed)	32 - 33
Plate 9	Gearbox Cover — Gearchange — Kickstart	34 - 35

INDEX—*continued*

		Page
Plate 10	Frame	36 - 39
Plate 11	Swinging Arm — Centre Stand — Prop Stand	40 - 41
Plate 12	Front Fork	42 - 45
Plate 13	Front Wheel	46 - 47
Plate 14	Rear Wheel	48 - 49
Plate 15	Mudguards — Chainguard — Number Plates	50 - 51
Plate 16	Dual Seat — Sidecovers — Silencers — Handlebar	52 - 55
Plate 17	Air Filter — Battery Carrier — Toolbox — Coil Mounting ..	56 - 57
Plate 18	Oil Tank — Oil Cooler	58 - 59
Plate 19	Fuel Tank	60 - 61
Plate 20	Electrical Equipment (Part 1)	62 - 65
Plate 21	Electrical Equipment (Part 2)	66 - 67
Plate 22	Carburettors — throttle linkage	68 - 71
Plate 23	Tools	72 - 73

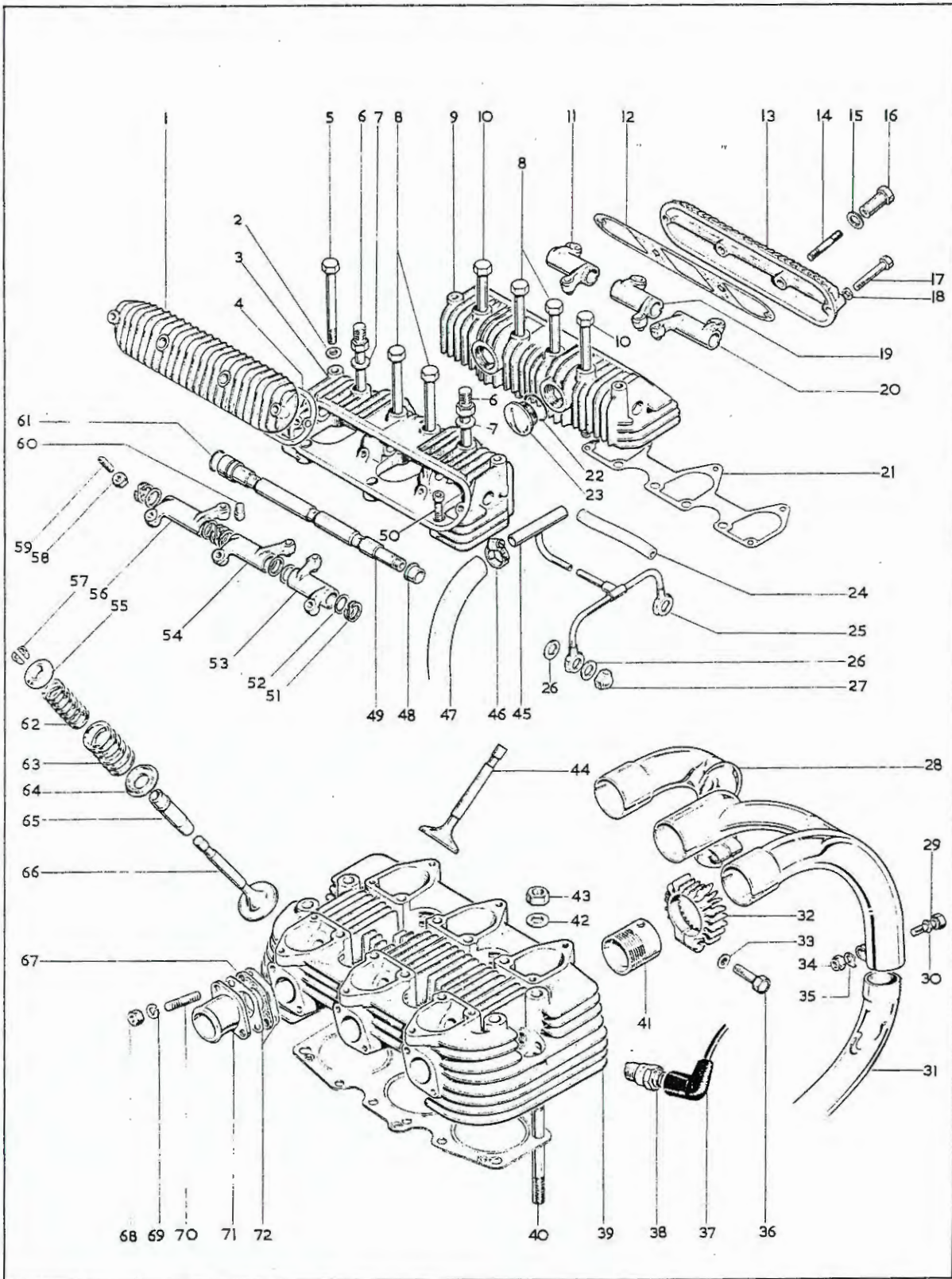


Plate 1

CYLINDER HEAD — ROCKER BOXES — EXHAUST PIPES

Plate Ref.	Part No.	Description	Per Set
1	70-6563	Cover — inlet rocker box	1
2	54-9081	Washer — rocker box to cylinder head ($\cdot 281" \times \cdot 563" \times \cdot 078"$)	4
3	70-6561	Rocker box — inlet	1
4	71-1445	Gasket — rocker box cover	1
5	14-6211	Bolt — rocker box to cylinder head ($\frac{1}{4}"$ UN.F. $\times 3"$)	4
5	14-6211	Bolt — rocker box to cylinder head ($\frac{1}{4}"$ UN.C. $\times 3"$)	4
6	71-0280*	Bolt — rocker box and engine steady ($\frac{3}{8}" \times \frac{5}{16}"$ UN.F. $\times 4\frac{1}{2}"$)	2
7	70-9240	Washer — rocker box bolt ($\cdot 328" \times \cdot 625" \times \cdot 094"$)	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	70-6565	Gasket — rocker box cover	1
13	70-6564	Cover — exhaust rocker box	1
14	14-1401	Stud — rocker box cover ($\frac{1}{4}"$ UN.C./UN.F. $\times 1\frac{1}{8}"$)	4
15	70-9239	Washer — rocker box cover fixing nut ($\cdot 390" \times \cdot 566" \times \cdot 064"$)	4
16	70-9237	Sleeve nut — rocker box cover fixing	4
17	14-0202	Bolt — rocker box cover ($\frac{1}{4}"$ UN.F. $\times 1\frac{1}{8}"$)	4
18	54-9081	Washer — rocker box cover	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, $\cdot 380" \times \cdot 656" \times \cdot 036"$)	1
27	21-0550	Domed nut — oil pipe to rocker spindles ($\frac{3}{8}"$ UN.F.)	2
28	71-1157	Exhaust manifold	1
29	14-0205	Bolt — exhaust pipe to manifold ($\frac{1}{4}"$ UN.F. $\times 1\frac{1}{2}"$)	2
30	54-9081	Washer — exhaust pipe to manifold bolt	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	Locknut — exhaust pipe to manifold ($\frac{1}{4}"$ UN.F.)	2
35	70-9626	Cap — exhaust pipe to manifold	4
36	70-6744	Bolt — finned collar ($\frac{5}{16}"$ UN.F. $\times 1\frac{3}{8}"$)	3
37	19-7641	Cover — spark plug (Champion WC.200)	3
38	19-7606	Spark plug (Champion N3)	3

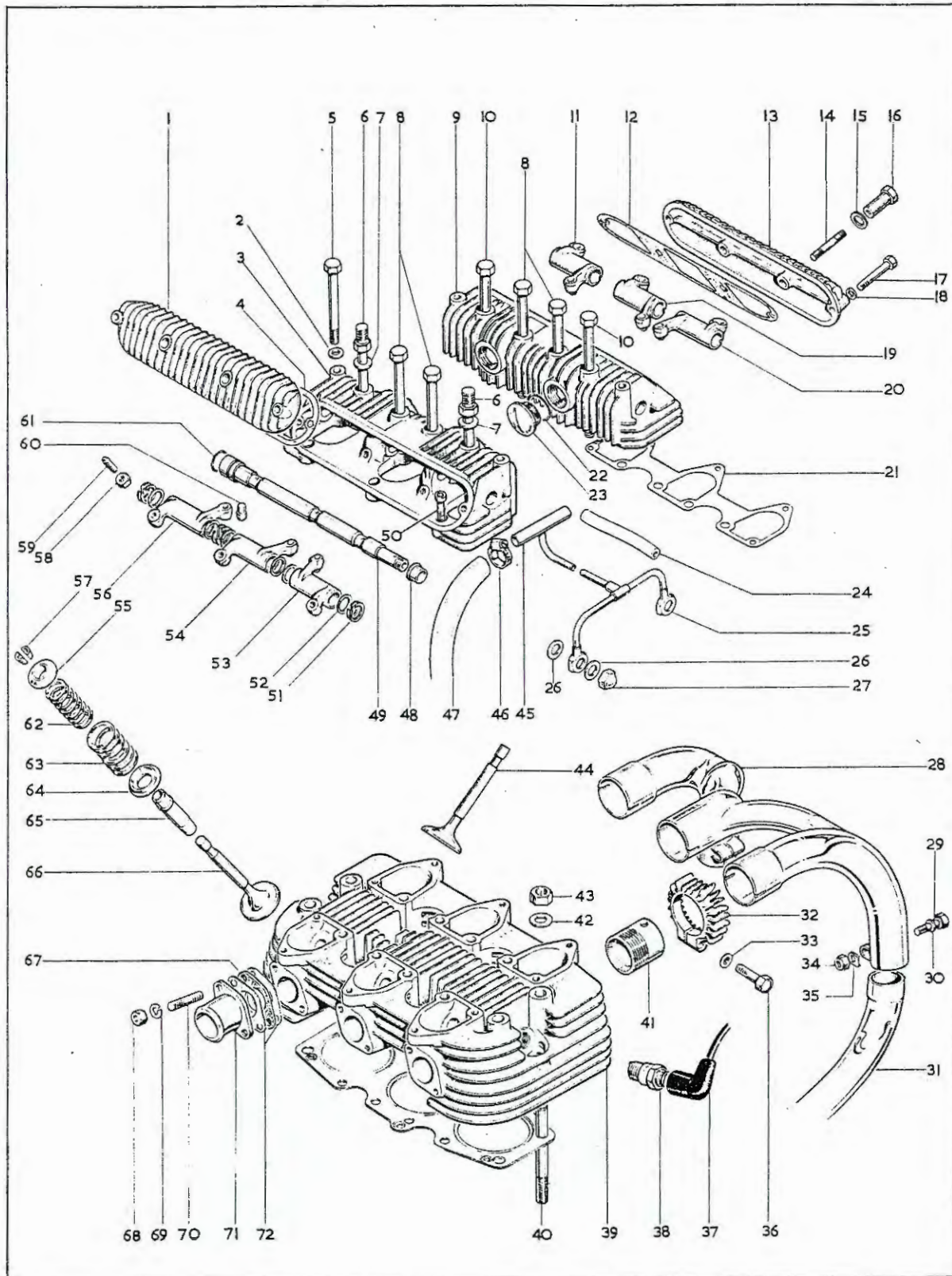


Plate 1—contd.

CYLINDER HEAD — ROCKER BOXES — EXHAUST PIPES

Plate Ref.	Part No.	Description	Per Set
39	70-8781	Cylinder head with fixed fittings	1
40	21-0686*	Stud — head to barrel ($\frac{3}{8}$ " UN.C./UN.F. $\times 4\frac{3}{4}$ ")	4
41	70-9510	Adaptor — exhaust pipe	3
42	02-0861	Washer — head to barrel stud ($\cdot 380$ " $\times \cdot 750$ " $\times \cdot 092$ ")	4
43	14-0303	Nut — head to barrel stud ($\frac{3}{8}$ " 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	Clip — oil connecting tube	2
47	70-8905	Oil connecting tube	1
48	70-6018	Bush — rocker spindle	2
49	70-9558	Rocker spindle assembly	2
50	14-7004	Screw — rocker box to cylinder head ($\frac{1}{4}$ " UN.C. $\times \frac{3}{4}$ ")	6
50	14-7004	Screw — rocker box to cylinder head ($\frac{1}{4}$ " UN.C. $\times \frac{3}{4}$ ")	6
51	40-0156	Washer — spring rocker spindle ($\cdot 516$ " $\times \cdot 750$ " $\times \cdot 031$ " double)	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	Coliar — 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	75-0124	"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 — stub to cylinder head (Tufnol)	3
68	14-0301	Nut — stub to cylinder head ($\frac{1}{4}$ " UN.F.)	6
69	40-2705	Washer — spring stub to cylinder head ($\cdot 266$ " $\times \cdot 469$ " $\times \cdot 064$ ")	6
70	21-0557	Stud — stub to cylinder head ($\frac{1}{4}$ " UN.F./UN.C. $\times 1\frac{5}{8}$ ")	6
71	70-7983	Stub — cylinder head	3
72	71-1446	Gasket — stub to cylinder head	6

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

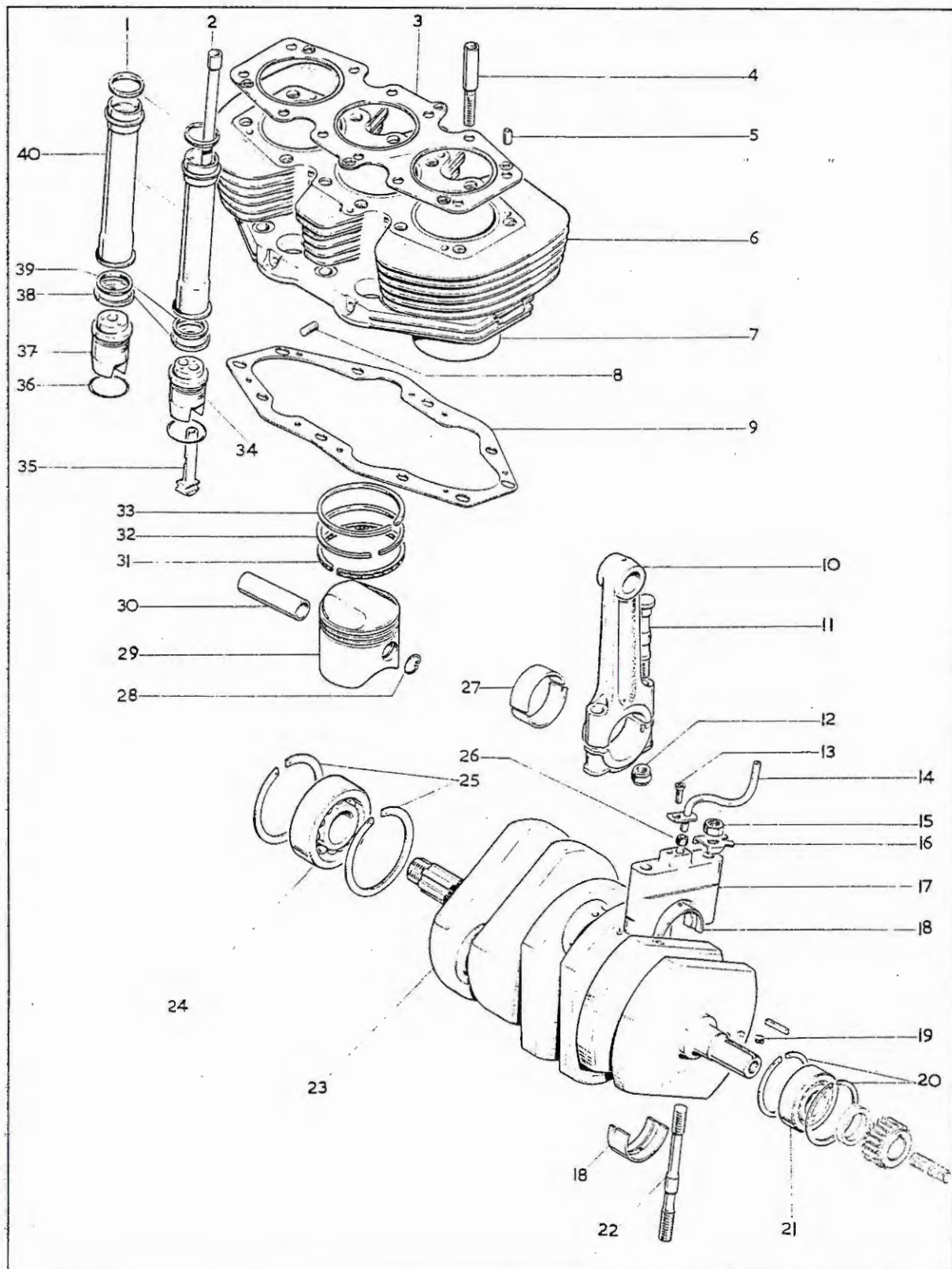


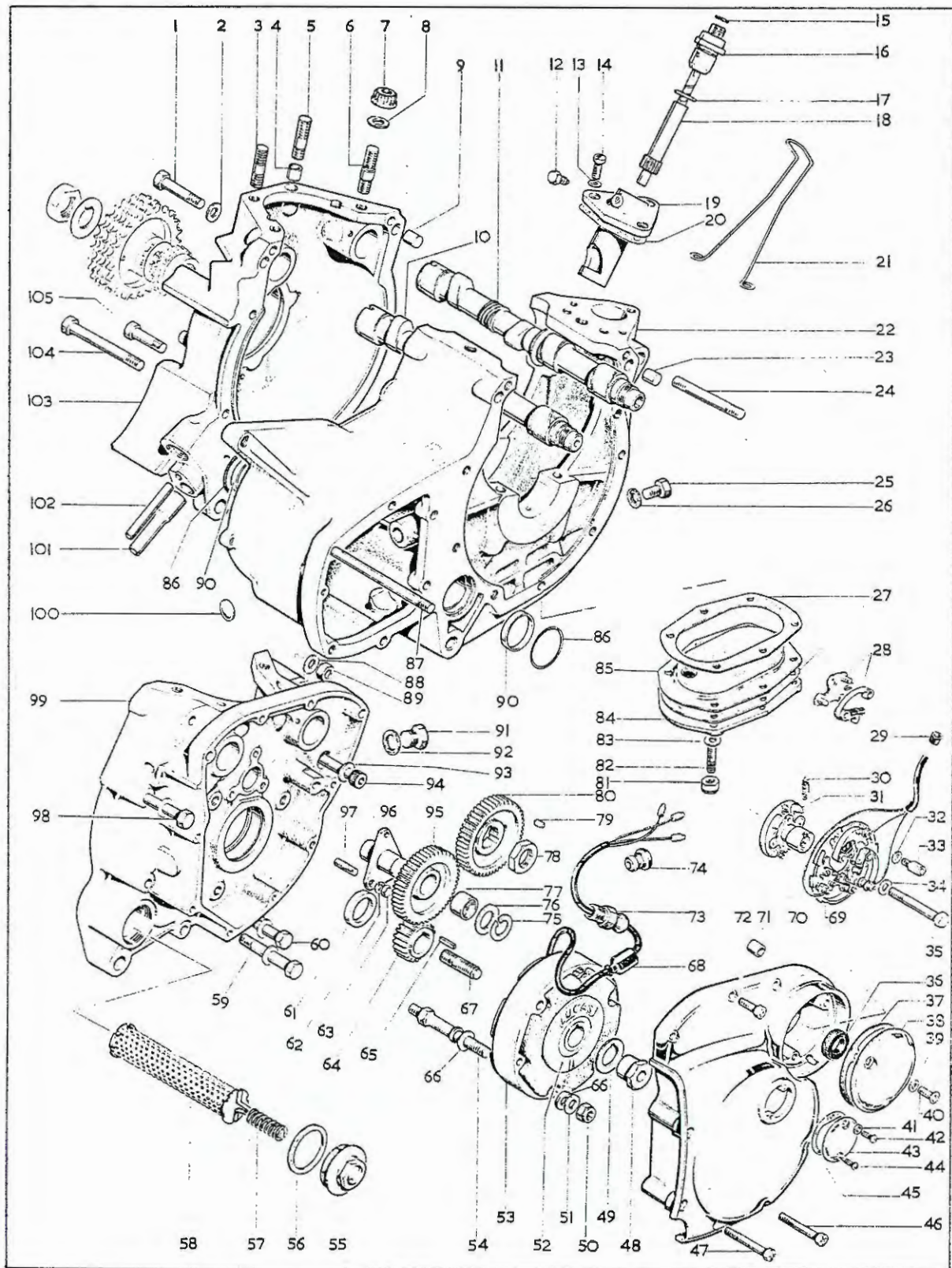
Plate 2

CYLINDER — PISTONS — CRANKSHAFT

Plate Ref.	Part No.	Description	Per Set
1	70-4752	Washer — push rod cover joint (top)	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	21-2016	Nut — connecting rod bolt ($\frac{5}{16}$ " UN.F.)	6
13	40-0242	Screw — oil pipe to bearing cap (2 B.A. $\times$ 27/64" countersunk)	2
14	70-8746	Oil pipe — tappet feed (left)	1
14	70-8784	Oil pipe — tappet feed (right)	1
15	14-0303	Nut — bearing cap ($\frac{3}{8}$ " UN.F.)	4
16	71-1129	Tab washer — bearing cap nut	4
17	70-7423	Cap — main bearing	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. $\times$ UN.C. $\times$ 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 — right	2
38	70-4746	Cup — push rod cover (bottom)	4
39	70-4746	Washer — push rod cover joint (bottom)	4
40	70-6955	Cover tube — push rod	4

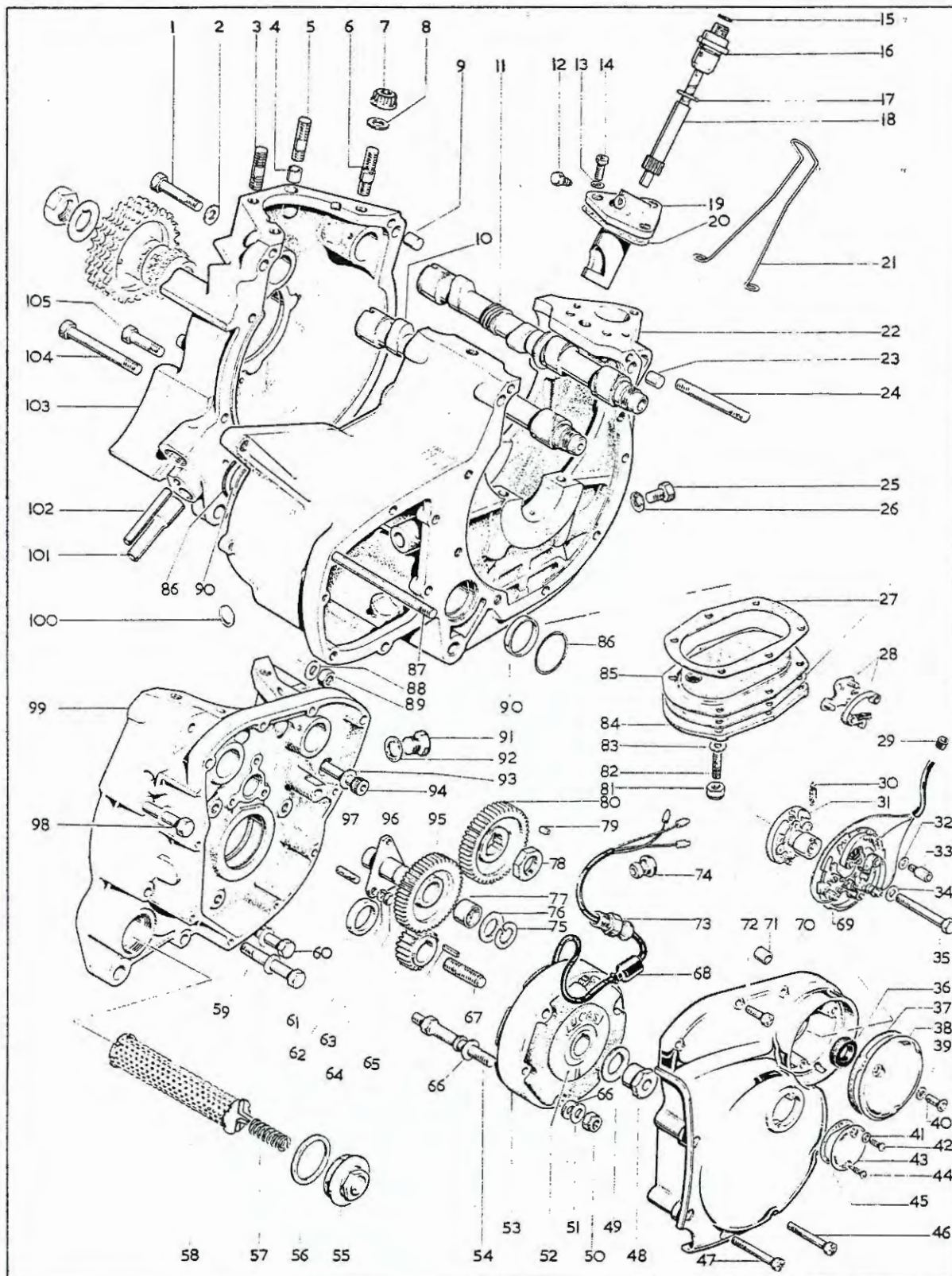
*Special material: 4—EN8R. 11—3AE.4042, condition $\times$ 75 ton. 22—EN16.

†For piston details see page 6.



CRANKCASE — TIMING GEARS — OIL FILTERS

Plate Ref.	Part No.	Description	Per Set
1	14-6220	Bolt — crankcase ($\frac{5}{16}$ " UN.C. $\times$ $1\frac{3}{4}$ ")	2
2	54-0055	Washer — crankcase bolt ($\cdot 344$ " $\times$ $\cdot 625$ " $\times$ $\cdot 063$ ")	8
3	21-1931*	Stud — cylinder base ($\frac{3}{8}$ " UN.C./UN.F. $\times$ $1\frac{3}{4}$ ")	4
4	70-8751	Dowel — cylinder base location	2
5	70-8738*	Stud — cylinder base ($\frac{3}{8}$ " UN.F. $\times$ $1\frac{3}{8}$ ")	2
6	21-1912*	Stud — cylinder base ($\frac{3}{8}$ " UN.C./UN.F. $\times$ $1\frac{3}{8}$ ")	4
7	21-0692	Nut — cylinder base stud (12 point $\frac{3}{8}$ " UN.F.)	10
8	70-8770	Washer — cylinder base stud ($\cdot 391$ " $\times$ $\cdot 625$ " $\times$ $\cdot 064$ ")	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. $\times$ $\frac{11}{32}$ ")	1
13	90-0262	Washer — fibre, tachometer drive fixing ($\cdot 265$ " $\times$ $\cdot 390$ " $\times$ $\cdot 031$ ")	2
14	14-6606	Screw — tachometer housing to crankcase ($\frac{1}{4}$ " UN.C. $\times$ $\frac{3}{4}$ ")	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	71-2424†	Crankcase — centre section	1
23	70-8774	Dowel — crankcase location	2
24	14-1427	Stud — crankcase ($\frac{5}{16}$ " UN.C./UN.F. $\times$ 3 ")	2
25	14-6113	Oilway plug ($\frac{5}{16}$ " UN.C. $\times$ $\frac{5}{8}$ ")	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 leads	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 ($\cdot 203$ " $\times$ $\cdot 375$ " $\times$ $\cdot 056$ ")	3
33	70-6521	Pillar bolt — contact breaker plate (2 B.A. $\times$ $1\frac{3}{32}$ ")	3
34	68-0331	Washer — auto-advance unit bolt ($\cdot 280$ " $\times$ $\cdot 500$ " $\times$ $\cdot 064$ ")	1
35	14-0208	Bolt — auto-advance unit ($\frac{1}{4}$ " UN.F. $\times$ $2\frac{1}{4}$ ")	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	97-3893	Washer — contact breaker cover screw	3
40	54-9012	Screw — contact breaker cover (2 B.A. $\times$ $\frac{11}{32}$ ")	3



CRANKCASE — TIMING GEARS — OIL FILTERS

Plate Ref.	Part No.	Description	Per Set
41	70-9266	Washer — screw and pointer, timing aperture	2
42	71-1130	Screw — timing aperture ($4 \text{ B.A.} \times \frac{5}{16}''$)	1
43	70-7879	Cover — timing aperture	1
44	71-0006	Pointer screw — timing aperture ($4 \text{ B.A.} \times \frac{11}{16}''$)	1
45	71-1443	Gasket — timing aperture	1
46	14-6611	Screw — timing cover ($\frac{1}{4}'' \text{ UN.C.} \times 1\frac{1}{4}''$)	1
47	14-6612	Screw — timing cover ($\frac{1}{4}'' \text{ UN.C.} \times 2''$)	4
48	70-8763	Nut — rotor mounting ($\frac{7}{16}'' \text{ UN.F.}$)	1
49	75-0223	Lockwasher — rotor mounting	1
50	21-1852	Locknut — stator mounting ($\frac{5}{16}'' \text{ UN.F.}$)	3
51	54-0055	Washer — stator mounting ($.344'' \times .625'' \times .063''$)	3
52	19-1260	Alternator rotor (Lucas 54210937)	1
53	19-1259	Alternator stator (Lucas 47209)	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 ($\frac{5}{16}'' \text{ UN.C.} \times 3\frac{1}{4}''$)	4
60	14-6218	Bolt — crankcase fixing ($\frac{5}{16}'' \text{ UN.C.} \times 1\frac{3}{8}''$)	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 ($\frac{1}{4}'' \text{ UN.F.}$)	3
64	70-6524	Timing pinion — crankshaft	1
65	70-3974	Key — crankshaft pinion and rotor	1
66	02-0370	Distance piece — stator	1
67	21-0548*	Stud — crankshaft ($\frac{7}{16}'' \text{ UN.F./UN.C.} \times 1\frac{3}{8}''$)	1
68	68-0209	Grommet — for cable seal nut	1
69	19-1863	Contact breaker plate (Lucas 54419327)	1
70	70-7738	Cover — timing cover	1
71	76-0217	Dowel — timing cover locating	2
72	14-6608	Screw — timing cover to crankcase ($\frac{1}{4}'' \text{ UN.C.} \times 1''$)	5
73	70-8760	Nut — alternator cable sleeve	1

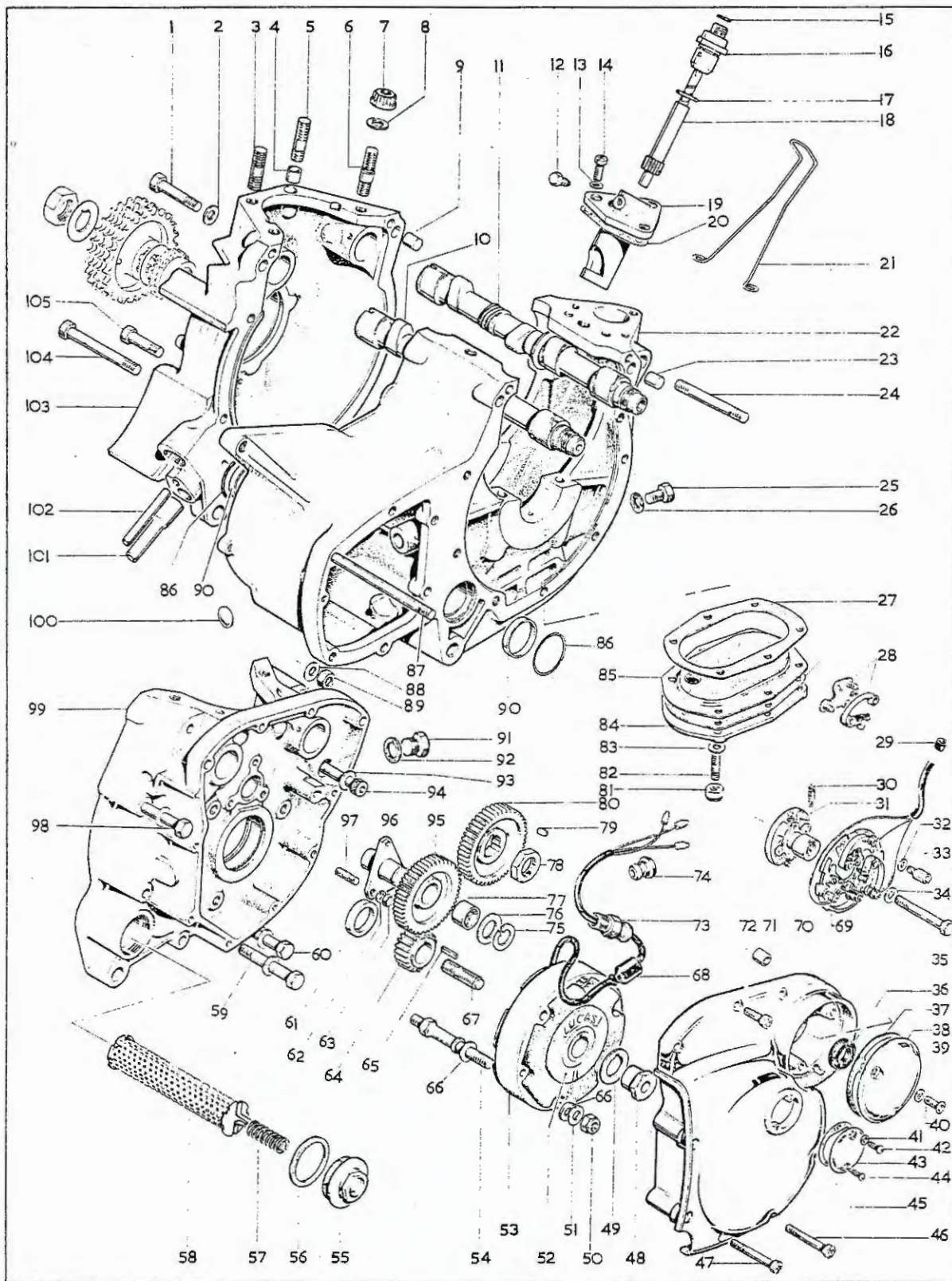


Plate 3—continued

CRANKCASE — TIMING GEARS — OIL FILTERS

Plate Ref.	Part No.	Description	Per Set
74	70-9807	Grommet — alternator lead	1
75	70-8768	Circlip — idler gear retaining	1
76	71-2249	Thrust washer — idler gear	1
77	71-2248	Bush — idler gear	1
78	70-6523	Nut — camshaft pinion	2
79	70-1558	Key — camshaft pinion	2
80	71-2718	Camshaft pinion	2
81	71-1349	Stud — scavenge cover ($\frac{1}{4}$ " UN.C. $\times$ $\frac{7}{8}$ ")	6
82	14-1302	Locknut — sump fixing	1
83	60-2320	Washer — scavenge cover bolt ($\cdot 270$ " $\times$ $\cdot 562$ " $\times$ $\cdot 056$ ")	6
84	70-6580	Scavenge cover	1
85	70-6501	Filter — scavenge cover	1
86	70-8779	"O" ring — filter seal	2
87	21-1813	Stud — gearbox cover ($\frac{5}{16}$ " UN.C. $\times$ UN.F. $\times$ $4\frac{3}{4}$ ")	2
88	54-0055	Washer — crankcase stud ($\cdot 313$ " $\times$ $\cdot 625$ " $\times$ $\cdot 063$ ")	2
89	14-0302	Nut — crankcase stud ($\frac{5}{16}$ " UN.F.)	2
90	70-9856	Sleeve — filter "O" ring	2
91	70-8755	Plug — timing aperture	1
92	70-1523	Washer — fibre, timing aperture plug ($\cdot 563$ " $\times$ $\cdot 844$ " $\times$ $\cdot 064$ ")	1
93	54-0055	Washer — crankcase bolt ($\cdot 313$ " $\times$ $\cdot 625$ " $\times$ $\cdot 063$ ")	7
94	21-0678	Socket screw — crankcase fixing ($\frac{5}{16}$ " UN.C. $\times$ $3\frac{7}{8}$ ")	1
95	71-2246	Idler gear complete	1
96	71-2250	Spindle — idler gear	1
97	21-0547	Stud — intermediate gear spindle ($\frac{1}{4}$ " UN.C./UN.F. $\times$ $\frac{7}{8}$ ")	3
98	14-6223	Bolt — crankcase fixing ($\frac{5}{16}$ " UN.C. $\times$ $2\frac{1}{2}$ ")	1
99	70-7737†	Crankcase — right	1
100	57-1920	Blanking plug	1
101	70-6573	Stub — oil return pipe	1
102	70-6574	Stub — oil feed pipe	1
103	71-1050†	Crankcase — left	1
104	14-6226	Bolt — crankcase fixing ($\frac{5}{16}$ " UN.C. $\times$ $3\frac{1}{4}$ ")	5
105	14-6218	Bolt — crankcase fixing ($\frac{5}{16}$ " UN.C. $\times$ $1\frac{3}{8}$ ")	1

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

†Supplied only as crankcase complete, 71-2422.

Plate 4

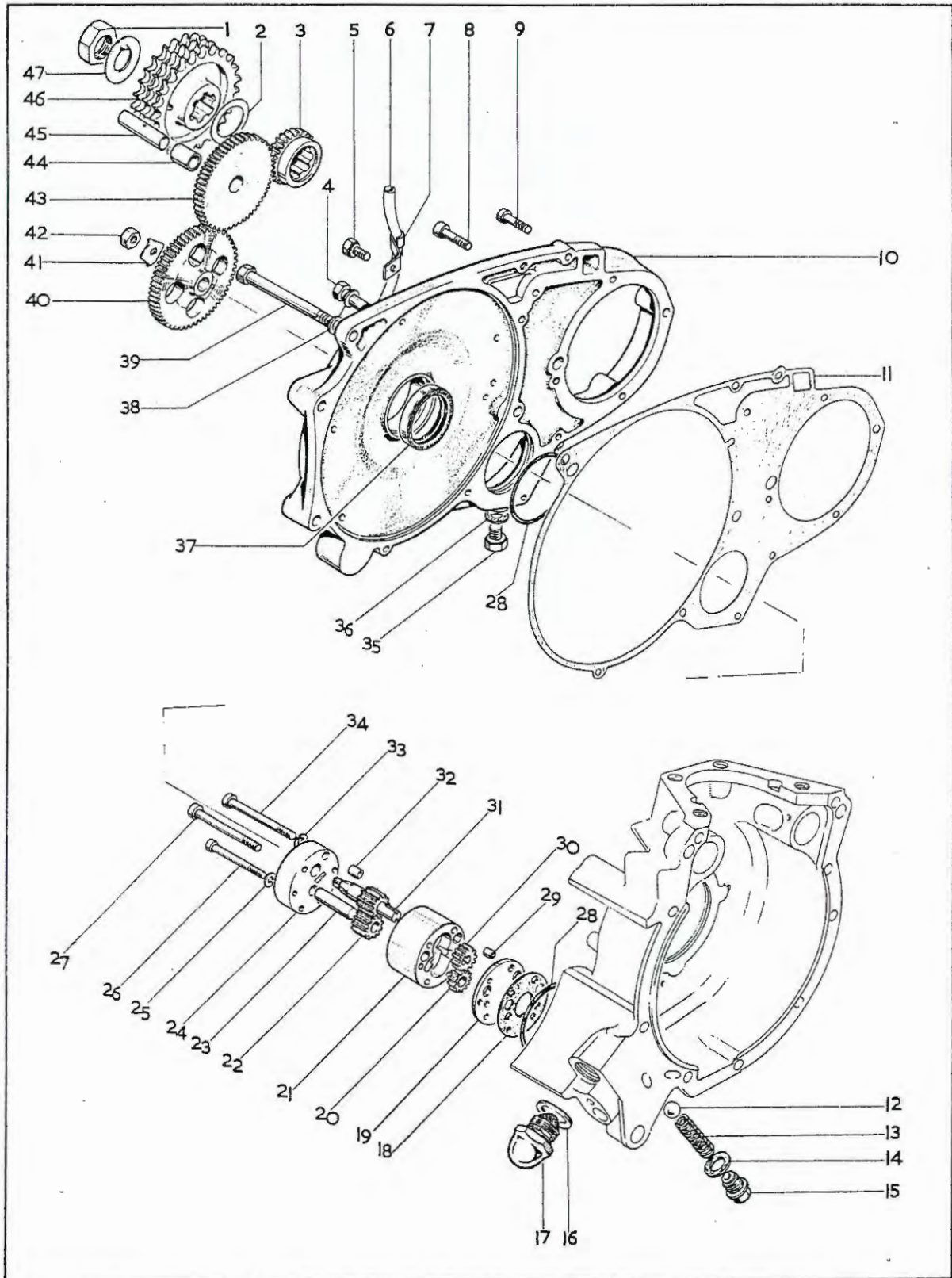
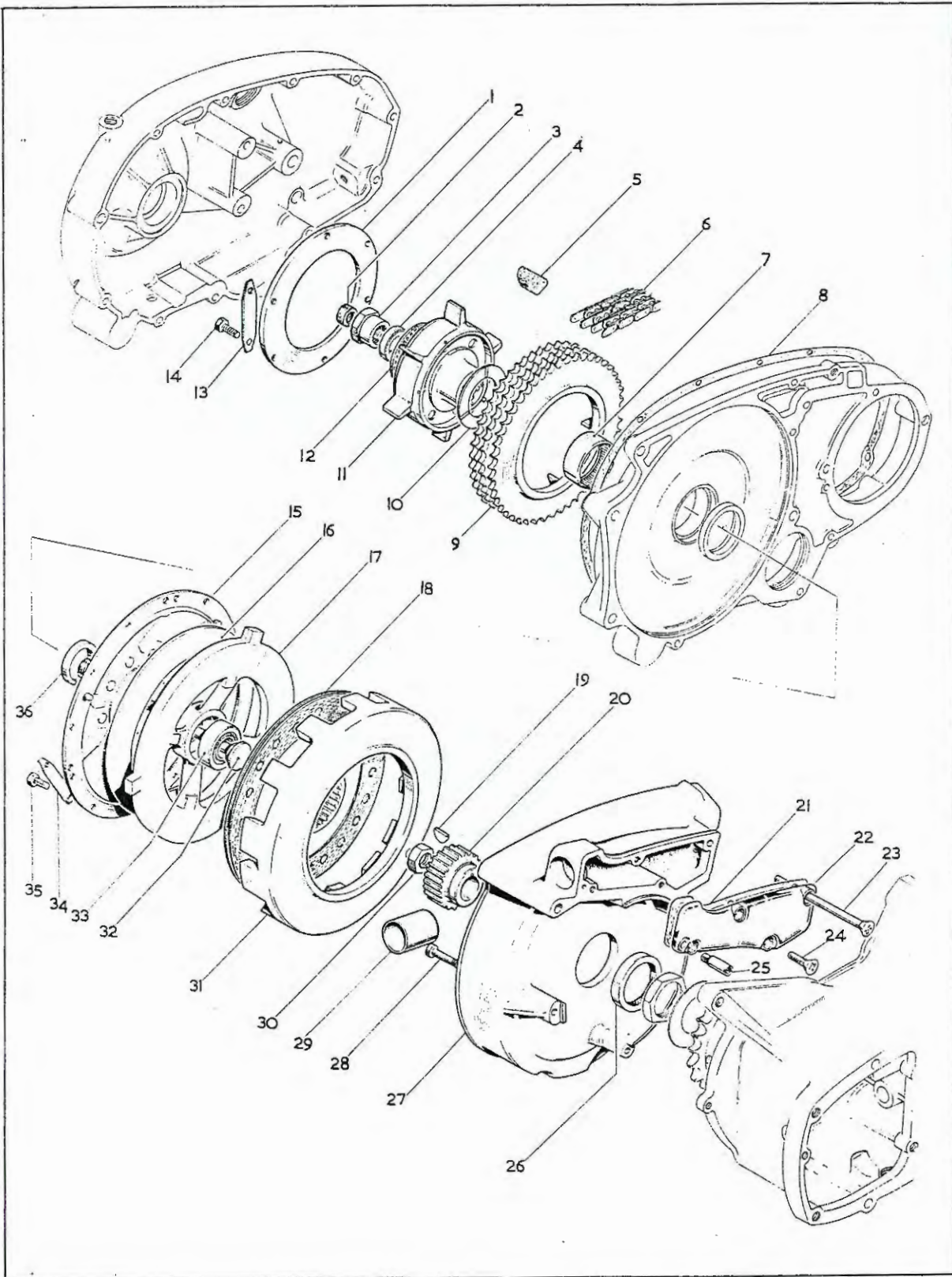


Plate 4

INNER PRIMARY COVER — OIL PUMP — GEARS

Plate Ref.	Part 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. $\times$ $4\frac{1}{2}$ ")	1
5	14-6101	Bolt — chain oiler clip ($\frac{1}{2}$ " UN.C. $\times$ $\frac{1}{2}$ ")	1
6	70-8786	Chain oiler pipe	1
7	70-4705	Clip — chain oiler pipe	1
8	14-7006	Screw — socket, inner cover to crankcase ($\frac{1}{2}$ " UN.C. $\times$ 1")	7
9	14-6606	Screw — inner cover to crankcase ($\frac{1}{2}$ " UN.C. $\times$ $\frac{3}{4}$ ")	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	70-6742	Washer — fibre, oil control valve	1
15	70-6584	Plug — oil control valve	1
16	71-2211	Washer — valve body to crankcase (.860" $\times$.122" $\times$.036")	1
17	71-2369	Oil pressure release valve complete	1
18	70-1670	Gasket — oil pump to crankcase	1
19	70-6502	Plate — oil pump base	1
20	70-6038	Feed gear — oil pump, driven	1
21	70-6430	Body — oil pump	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	2
26	21-0559	Screw — oil pump cover to body (3 B.A. $\times$ 2")	2
27	71-0003	Screw — oil pump to crankcase (2 B.A. $\times$ $2\frac{1}{2}$ ")	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" $\times$.331" $\times$.064")	4
34	70-9601	Screw — oil pump to crankcase dowel position (2 B.A. $\times$ $2\frac{1}{4}$ ")	1
35	21-0536	Drain plug — primary cover	1
36	70-0402	Washer — fibre, drain plug (.375" $\times$.563" $\times$.064")	1
37	57-3642	Oil seal — clutch shaft	1
38	54-0055	Washer — inner cover to crankcase bolt (.313" $\times$.625" $\times$.063")	2
39	21-1819	Bolt — inner cover to crankcase ($\frac{5}{16}$ " UN.C. $\times$ $4\frac{1}{2}$ ")	1
40	70-7886	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	1
47	70-8785	Lockwasher — engine sprocket	1



CLUTCH — SHOCK ABSORBER

Plate Ref.	Part 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, 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. $\times \frac{5}{8}$ ")	6
15	19-7801	End cover assembly — clutch	1
16	19-7805	Clutch spring	1
17	19-7804	Pressure plate — clutch complete	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. $\times 4$ ")	1
24	21-0680	Screw — cover to clutch cover (10 $\times$ 24 t.p.i. UN.C. $\times \frac{5}{8}$ ")	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. $\times 1\frac{1}{2}$ ")	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

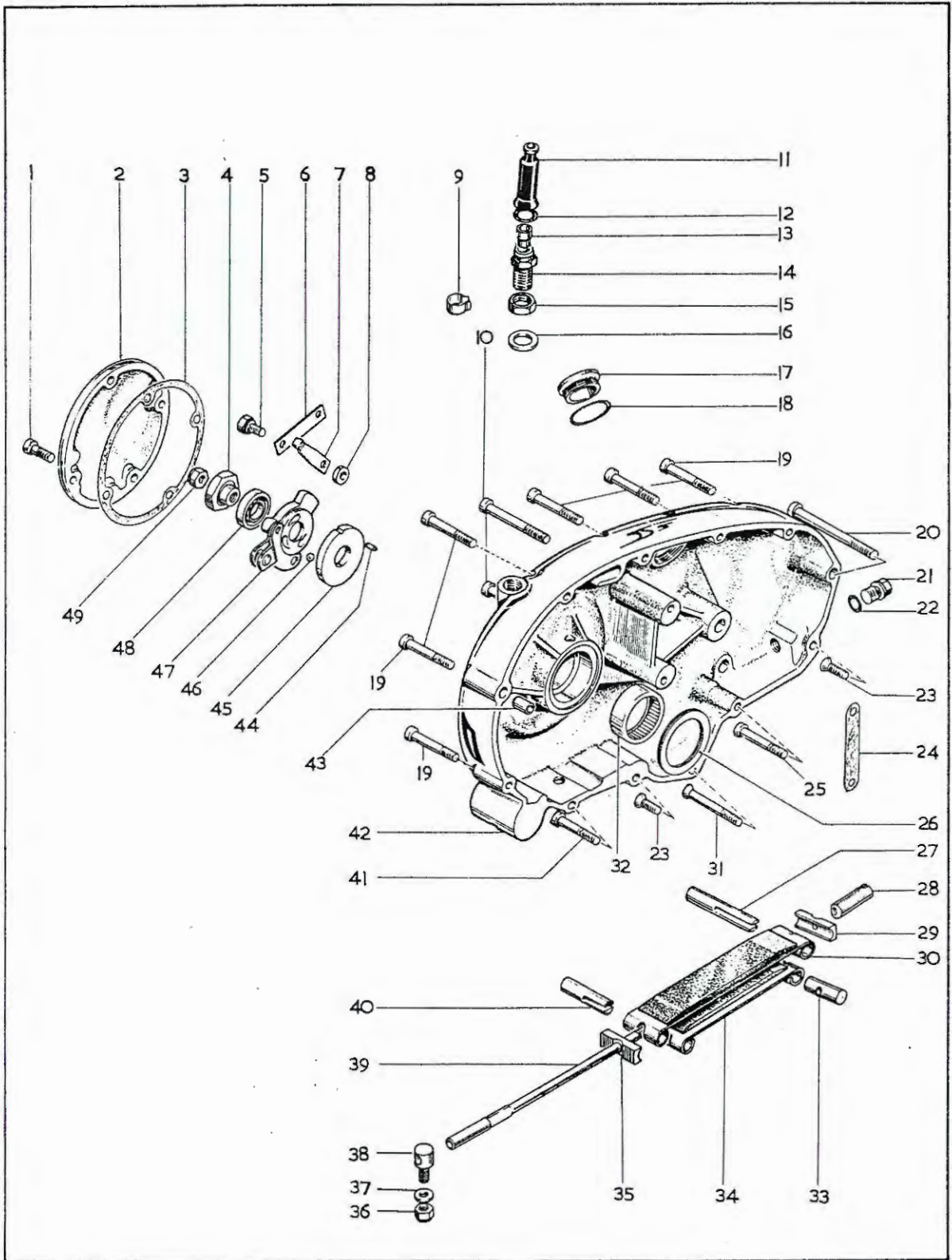


Plate 6

OUTER PRIMARY COVER — CHAIN TENSIONER — CLUTCH CONTROL

Plate Ref.	Part No.	Description	Per Set
1	14-6605	Screw — inspection cover ($\frac{1}{4}$ " UN.C. $\times$ $\frac{5}{8}$ ")	4
2	57-3954	Inspection cover	1
3	57-3955	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. $\times$ $\frac{5}{8}$ ")	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	57-3194	Clip — clutch cable retaining	1
10	14-6613	Screw — primary outer cover ($\frac{1}{4}$ " UN.C. $\times$ $2\frac{1}{4}$ ")	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	Locknut — 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. $\times$ $1\frac{3}{4}$ ")	6
20	14-6615	Screw — outer cover ($\frac{1}{4}$ " UN.C. $\times$ 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. $\times$ $\frac{3}{4}$ " countersunk)	2
24	71-2793	Gasket — primary chain oiler pipe	1
25	14-6612	Screw — outer to inner cover ($\frac{1}{4}$ " UN.C. $\times$ 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 (front)	2
30	57-3610	Blade — chain tensioner (upper)	1
31	14-6509	Screw — primary outer cover ($\frac{1}{4}$ " UN.C. $\times$ $1\frac{3}{4}$ " 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 (rear)	1
36	14-1901	Nut — chain tensioner support ($\frac{1}{4}$ " UN.F.)	1
37	57-3987	Washer — chain tensioner support ($.251" \times .500" \times .064"$)	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. $\times$ $1\frac{1}{2}$ ")	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	57-2547	Clutch lever	1
48	57-3647	Bearing — clutch lever (Hoffmann S5)	1
49	14-0402	Locknut — clutch pull rod ($\frac{5}{16}$ " UN.F.)	1

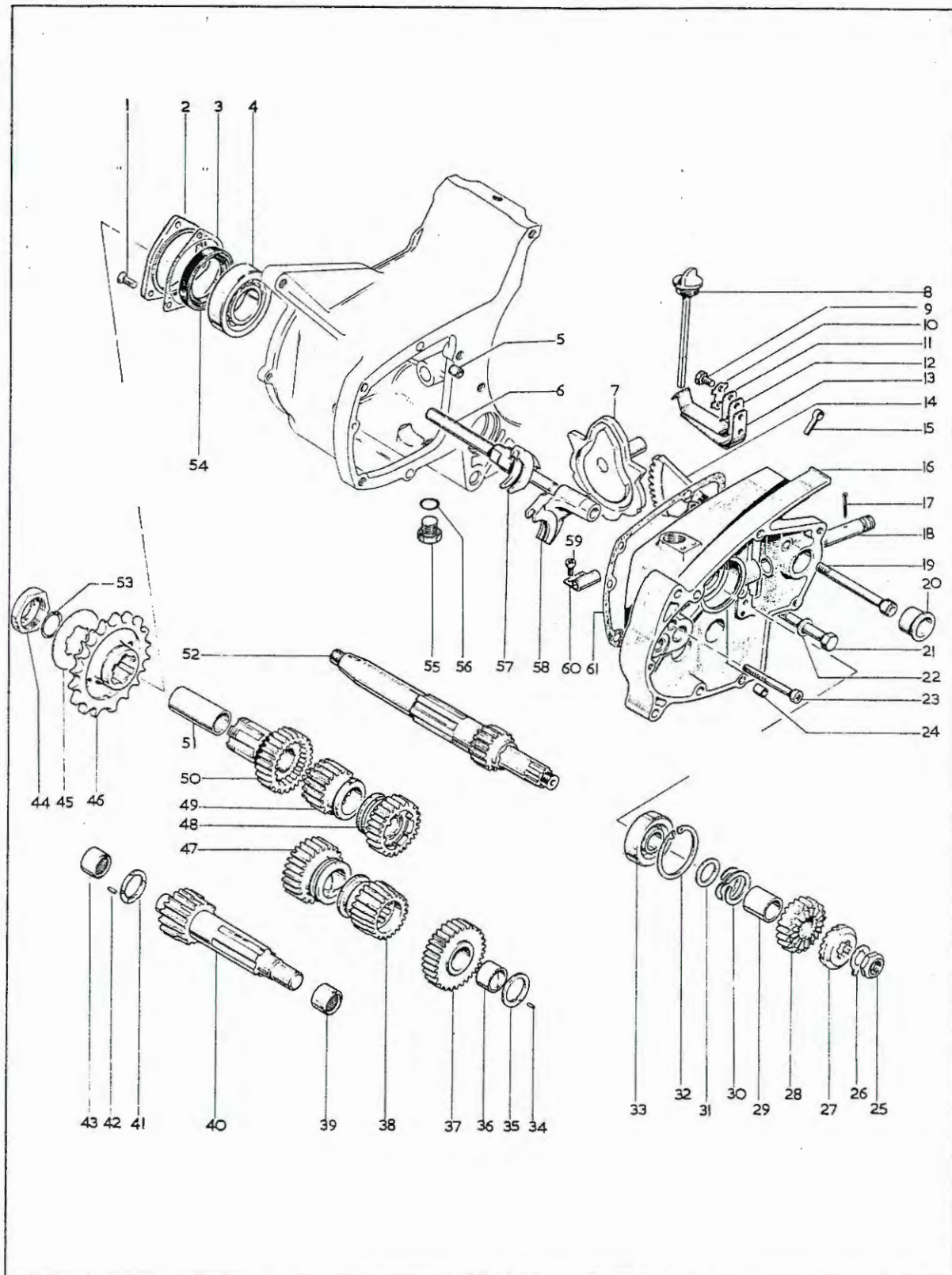
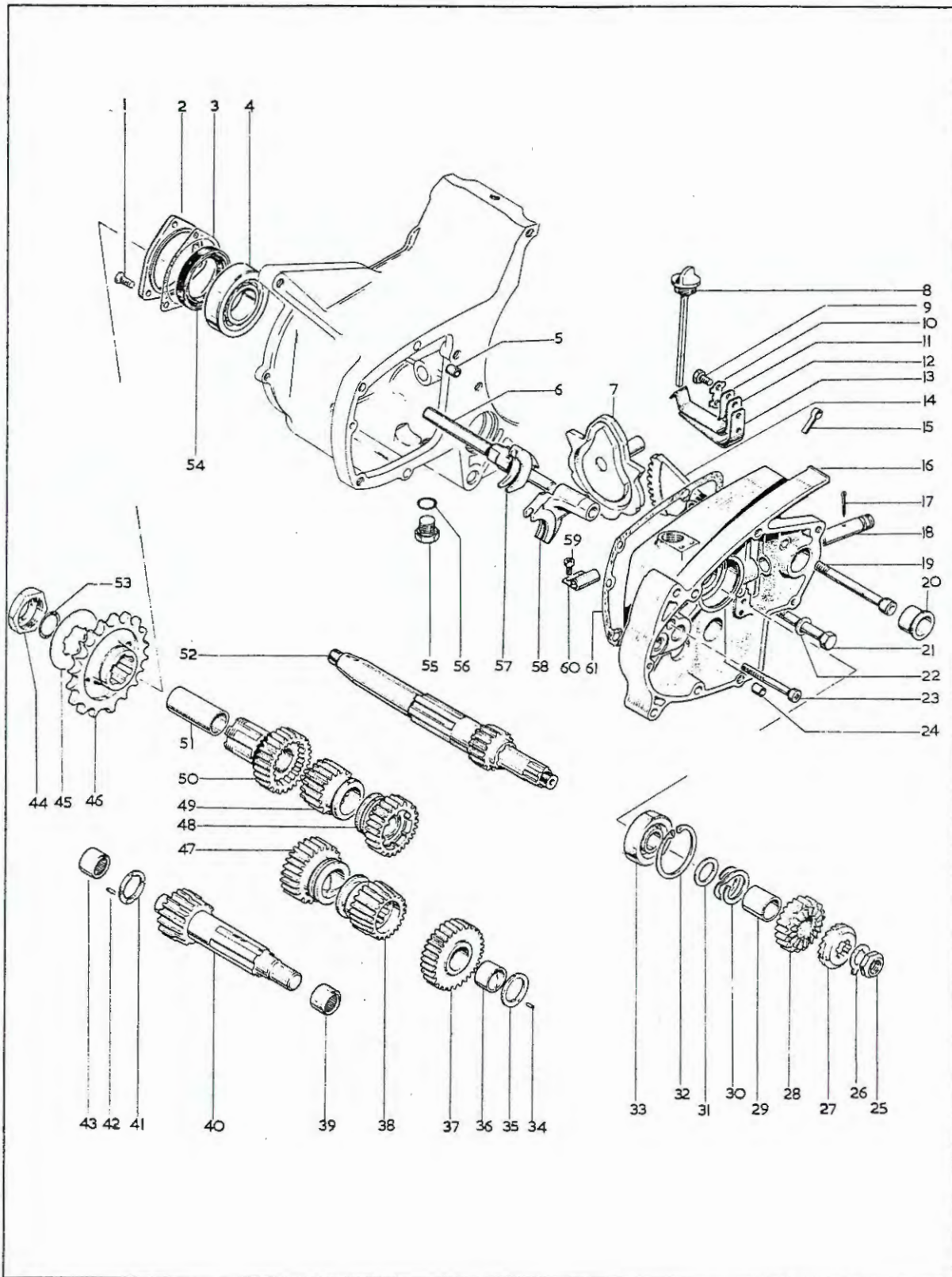


Plate 7

GEARBOX — 4-SPEED

Plate Ref.	Part No.	Description	Per Set
1	14-6504	Screw — oil seal housing to crankcase ($\frac{1}{4}$ " UN.F. countersunk)	3
2	57-3633	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	Cam plate	2
8	57-2656	Dipstick — gearbox	1
9	54-0043	Set-screw — cam plate spring fixing	1
10	57-4291	Tab washer — cam plate spring fixing	1
11	57-4290	Plate — cam plate spring retaining	1
12	57-4288	Spring — cam plate	1
13	57-4289	Support — cam plate 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 ($5/64" \times 1\frac{3}{8}"$)	2
18	57-1896	Spindle — selector quadrant	1
19	14-7101	Screw — socket, inner cover to crankcase ($\frac{5}{16}"$ UN.C. $\times 3\frac{1}{4}"$)	1
20	57-0412	Bush — gearchange quadrant	1
21	14-6121	Bolt — inner cover to crankcase ($\frac{5}{16}"$ UN.C. $\times 2\frac{1}{2}"$)	1
22	75-0176	Washer — inner cover to crankcase bolt ($.328" \times .531" \times .048"$)	1
23	14-6614	Screw — inner cover to crankcase ($\frac{1}{4}"$ UN.C. $\times 2\frac{1}{2}"$)	2
24	76-0217	Dowel — outer cover locating	2
25	21-0594	Nut — kickstart ratchet retaining ($\frac{9}{16}"$ 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



GEARBOX — 4-SPEED

Plate Ref.	Part No.	Description	Per Set
36	57-0928	Bush — layshaft first gear	1
37	57-3862	Layshaft first gear complete	1
37	57-3163*	Layshaft first gear complete	1
38	57-3890	Layshaft third gear	1
38	57-3890	Layshaft third gear	1
38	57-4168*	Layshaft third gear complete	1
39	57-1614	Needle bearing — layshaft, inner cover (Torrington B.1112)	1
40	57-4345	Layshaft with top gear	1
40	57-4162*	Layshaft with top gear	1
41	57-1607	Thrust washer — layshaft	1
42	57-0912	Peg — thrust washer, layshaft (left)	1
43	57-1606	Needle bearing — layshaft (Torrington 11121)	1
44	57-4051	Nut — gearbox final drive sprocket	1
45	57-2116	Lockwasher — gearbox sprocket nut	1
46	57-1918	Sprocket — gearbox final drive (19 teeth)	1
47	57-3861	Layshaft second gear	1
47	57-4166*	Layshaft second gear	1
48	57-3889	Mainshaft third gear	1
48	57-4169*	Mainshaft third gear	1
49	57-3857	Mainshaft second gear	1
49	57-4167*	Mainshaft second gear	1
50	57-2176	Mainshaft top gear complete	1
50	57-4177*	Mainshaft top gear complete	1
51	57-4314	Bush — mainshaft top gear	1
52	57-4175	Mainshaft with first gear	1
52	57-4178*	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

*Close ratio gears.

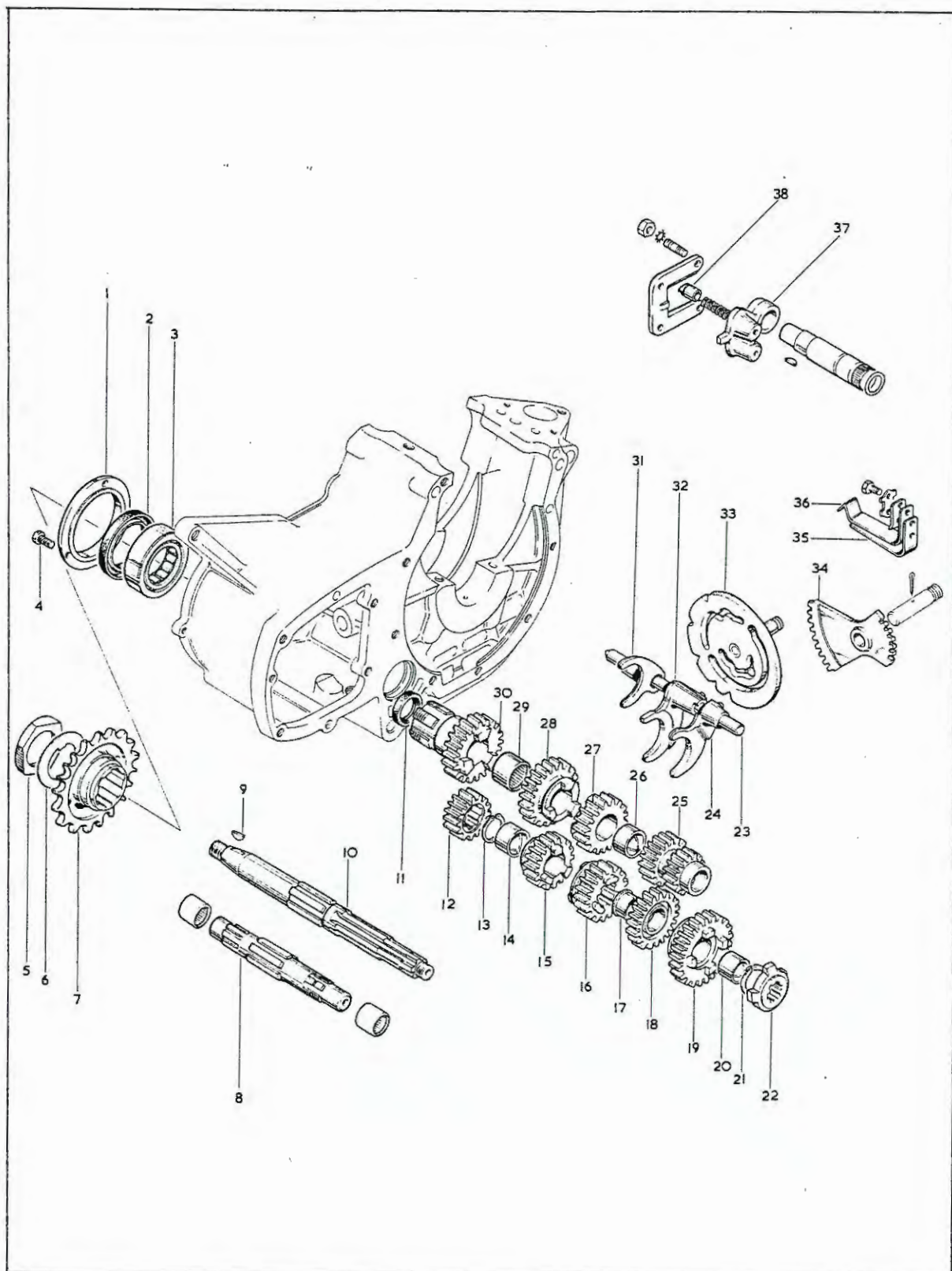


Plate 8

GEARBOX — 5-SPEED (as standard 4-speed unit except for the following)

Plate Ref.	Part No.	Description	Per Set
1	57-4394	Oil seal housing — gearbox mainshaft	1
2	60-3510	Oil seal — gearbox mainshaft	1
3	60-3531	Bearing — gearbox mainshaft	1
4	21-2106	Screw — oil seal housing to crankcase ($\frac{1}{4}$ " UN.C. $\times \frac{9}{16}$ ")	3
5	57-4396	Nut — gearbox final drive sprocket	1
6	57-4395	Lockwasher — gearbox sprocket nut	1
7	57-4397	Sprocket — gearbox final drive	1
8	57-4382	Layshaft complete with fourth and top gears	1
8	57-4371	Layshaft only	1
9	68-3218	Key — clutch hub to mainshaft	1
10	57-4370	Mainshaft	1
11	60-3500	Oil seal — mainshaft top gear	1
12	57-4383	Pinion — layshaft top gear	1
13	60-3494	Circlip — layshaft fourth gear	1
14	57-4386	Bush — layshaft fourth gear	1
15	57-4384	Pinion — layshaft fourth gear	1
16	57-4387	Pinion — layshaft third gear	1
17	57-4390	Bush — layshaft second gear	1
18	57-4388	Pinion — layshaft second gear	1
19	57-4391	Pinion — layshaft first gear	1
20	57-4393	Bush — layshaft first gear	1
21	60-3494	Circlip — layshaft driving dog	1
22	57-4381	Driving dog — layshaft	1
23	57-3989	Spindle — selector forks	1
24	57-4368	Selector fork — layshaft first gear	1
25	57-4380	Pinion — mainshaft first and second gear	1
26	57-4379	Bush — mainshaft third gear	1
27	57-4377	Pinion — mainshaft third gear	1
28	57-4376	Pinion — mainshaft fourth gear	1
29	60-3511	Needle bearing — mainshaft high gear	2
30	57-4423	Top gear complete — mainshaft	1
31	57-4364	Selector fork — mainshaft	1
32	57-4366	Selector fork — layshaft third gear	1
33	57-4360	Cam plate	1
34	57-4363	Quadrant — gearchange	1
35	57-4401	Support — cam plate spring	1
36	57-4402	Cam plate spring	1
37	57-4374	Quadrant — gearchange plunger	1
38	57-4403	Plunger — gearchange quadrant	1

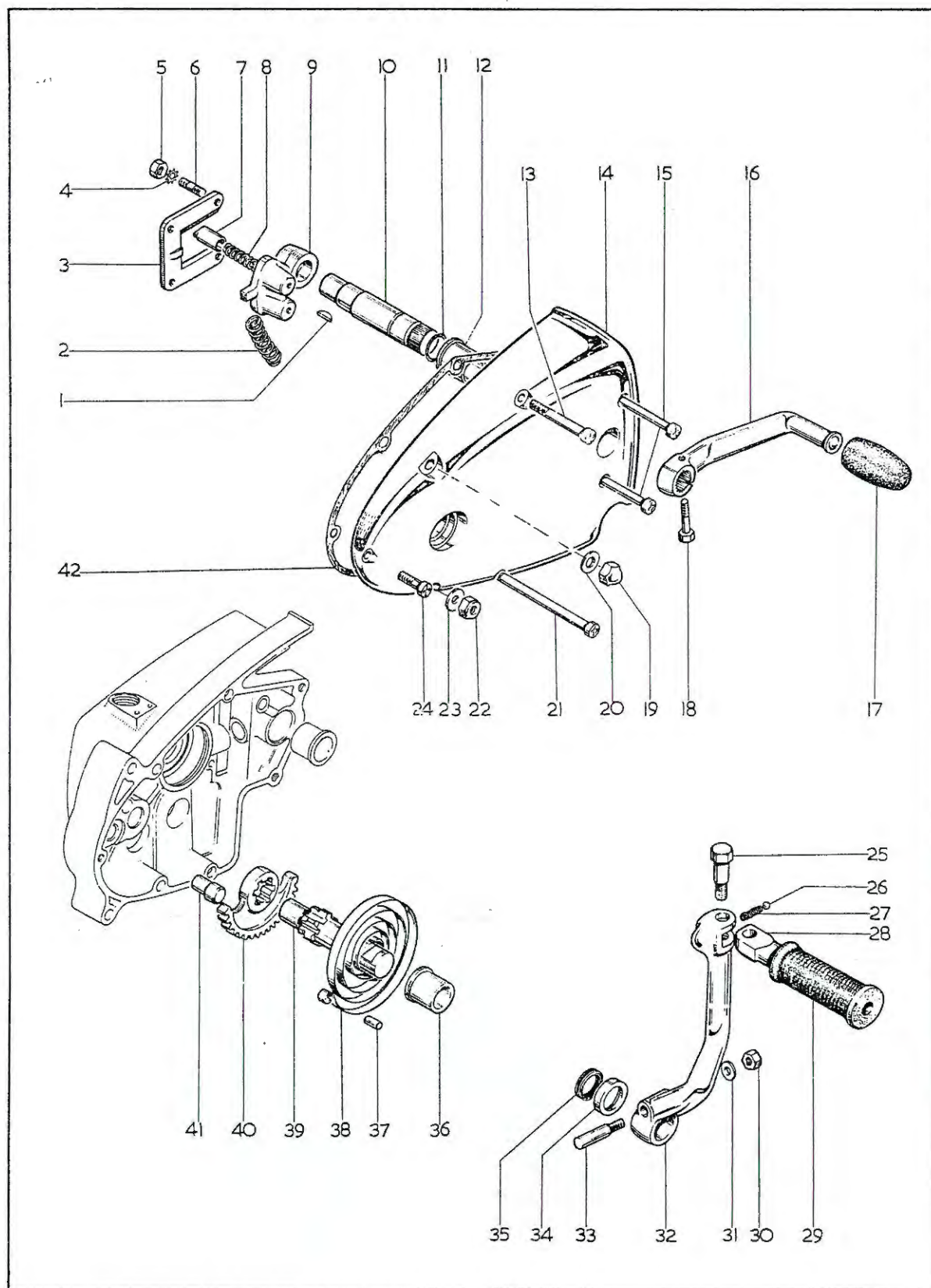


Plate 9

GEARBOX COVER — GEARCHANGE — KICKSTART CRANK

Plate Ref.	Part 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 ($\cdot 265'' \times \cdot 468'' \times \cdot 024''$)	4
5	14-0301	Nut — gear control guide plate stud ($\frac{1}{4}''$ UN.F.)	4
6	21-0547	Stud — gear control guide plate ($\frac{1}{4}''$ UN.C./UN.F. $\times \frac{7}{8}''$)	4
7	57-0406	Plunger — gearchange quadrant	2
8	57-0405	Spring — gearchange quadrant	2
9	57-0409	Quadrant — gearchange plunger	1
10	57-3758	Spindle — gearchange quadrant	1
11	40-0323	“O” ring — gearchange quadrant spindle	1
12	57-3759	Bush — outer cover, gearchange quadrant spindle	1
13	14-6613	Screw — outer to inner cover ($\frac{1}{4}''$ UN.C. $\times 2\frac{1}{4}''$)	1
14	57-2603	Outer cover — gearbox	1
15	14-6615	Screw — outer to inner cover ($\frac{1}{4}''$ UN.C. $\times 3''$)	2
16	57-3757	Pedal — gearchange	1
17	89-3208	Rubber — gearchange pedal	1
18	14-0201	Bolt — gearchange pedal clamping	1
19	21-0544	Nut — domed, outer cover stud, top ($\frac{5}{16}''$ UN.F.)	1
20	54-0055	Washer — outer cover domed nut ($\cdot 344'' \times \cdot 625'' \times \cdot 063''$)	1
21	21-1860	Screw — outer cover to crankcase ($\frac{1}{4}''$ UN.C. $\times 5\frac{3}{8}''$)	1
22	14-1302	Locknut — outer cover bottom stud ($\frac{1}{16}''$ UN.F.)	1
23	54-0055	Washer — outer cover bottom stud ($\cdot 344'' \times \cdot 625'' \times \cdot 063''$)	1
24	14-6608	Screw — outer to inner cover ($\frac{1}{4}''$ UN.C. $\times 1''$)	1
25	21-0541	Bolt — kickstart pedal pivot	1
26	60-2364	Steel ball — kickstart folding pedal ($\frac{1}{4}''$ 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	75-0053	Nut — kickstart crank cotter	1
31	68-0331	Washer — kickstart crank cotter ($\cdot 280'' \times \cdot 500'' \times \cdot 064''$)	1
32	57-2173	Kickstart crank	1
32	57-3632	Kickstart crank — complete assembly	1
33	75-3143	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	Shaft — kickstart quadrant	1
40	57-4117	Kickstart quadrant	1
40	57-2297	Kickstart quadrant and spindle — complete assembly	1
41	57-3727	Stop peg — kickstart quadrant	1
42	71-1450	Gasket — inner to outer cover	1

Plate 10

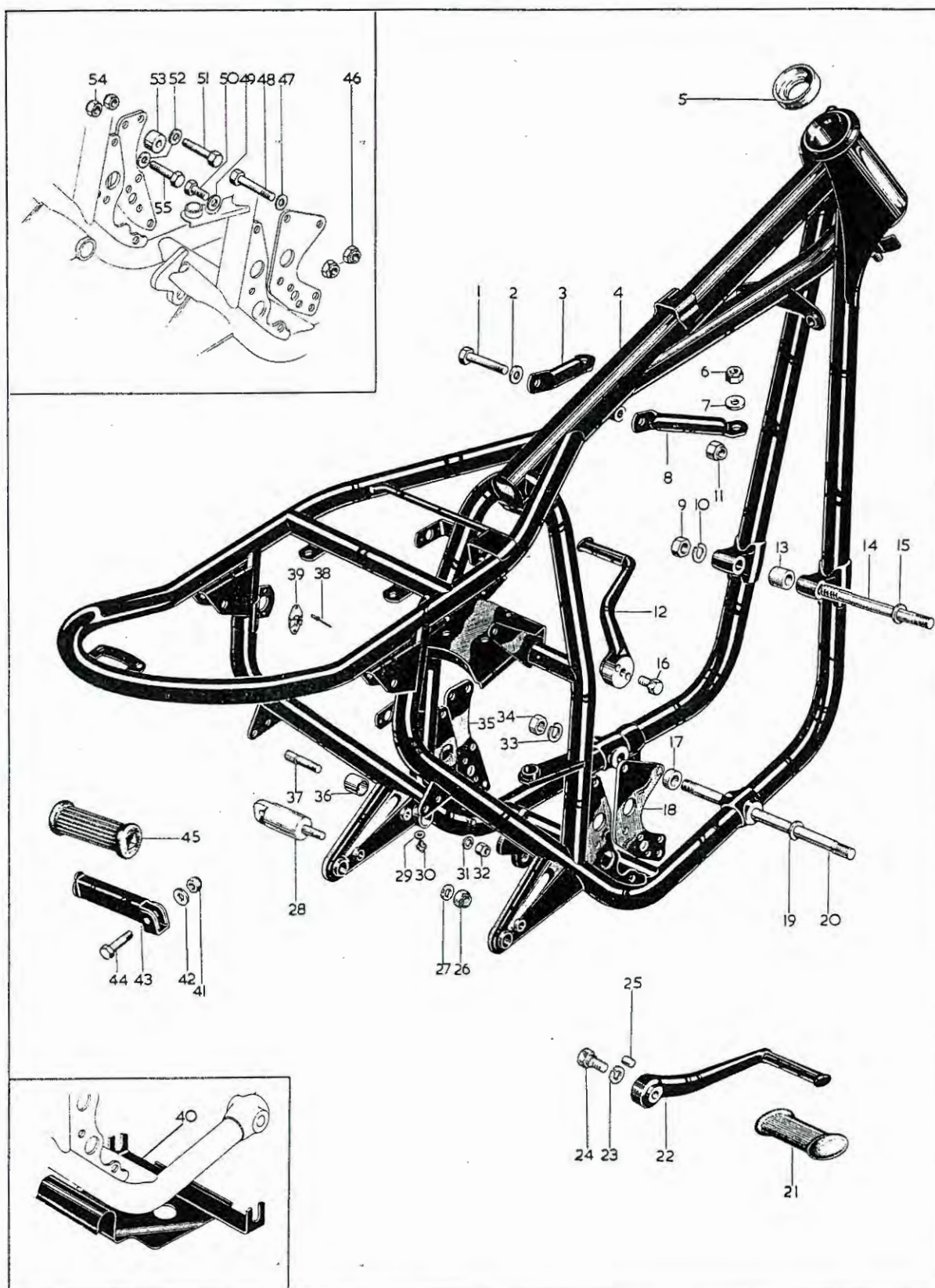
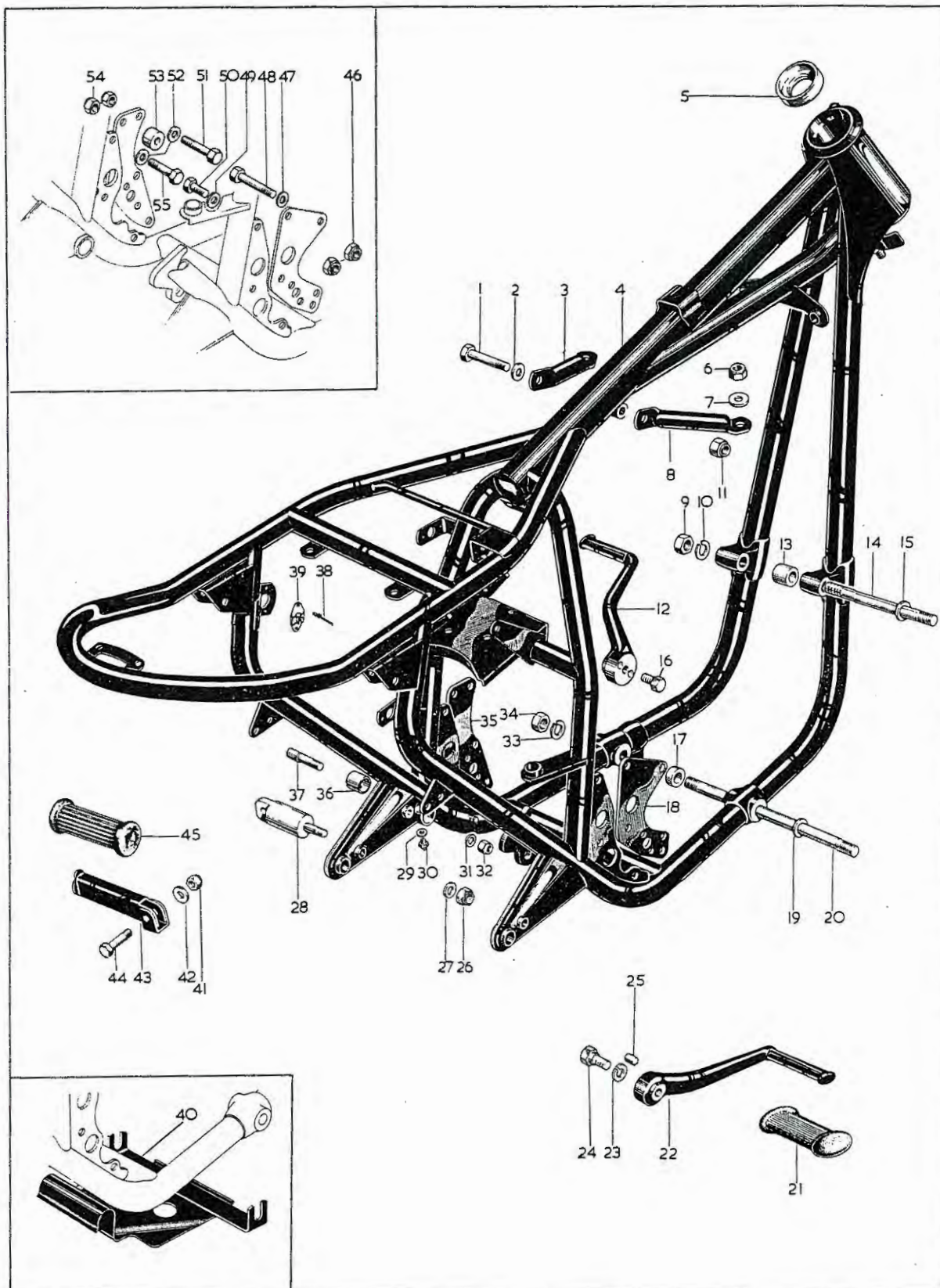


Plate 10

FRAME AND FITTINGS

Plate Ref.	Part No.	Description	Per Set
1	14-0237	Bolt — steady stay to frame ($\frac{3}{8}$ " UN.F. $\times$ 2 $\frac{1}{2}$ ")	1
2	02-2138	Washer — steady stay to frame ($\cdot 380$ " $\times$ $\cdot 750$ " $\times$ $\cdot 064$ ")	1
3	82-9378	Steady stay — left	1
4	83-3262	Frame complete	1
5	97-0111	Cup — steering head	2
6	14-1302	Locknut — steady stay to cylinder head ($\frac{1}{16}$ " UN.F.)	2
7	60-2321	Washer — steady stay to cylinder head ($\cdot 333$ " $\times$ $\cdot 625$ " $\times$ $\cdot 072$ ")	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 ($\cdot 440$ " $\times$ $\cdot 875$ " $\times$ $\cdot 064$ ")	2
11	14-1903	Nut — steady stay to frame ($\frac{3}{8}$ " UN.F.)	1
12	82-9625	Footrest — left	1
13	82-8508	Spacer — front engine mounting stud	1
14	21-0779*	Stud — engine mounting, front ($\frac{7}{16}$ " UN.F. $\times$ 7")	1
15	15-0431	Washer — front engine mounting stud ($\cdot 447$ " $\times$ $\cdot 750$ " $\times$ $\cdot 064$ ")	2
16	14-0145	Bolt — footrest, left ($\frac{1}{2}$ " UN.F. $\times$ 1")	1
17	82-8510	Spacer — bottom engine stud	1
18	82-9642	Engine plate — right	1
19	15-0431	Washer — bottom engine stud ($\cdot 447$ " $\times$ $\cdot 750$ " $\times$ $\cdot 064$ ")	2
20	21-0780*	Stud — bottom engine mounting ($\frac{7}{16}$ " UN.F. $\times$ 11 $\frac{1}{8}$ ")	1
21	82-9686	Rubber — footrest (left)	1
21	40-4850	Rubber — footrest (right)	1
22	82-9624	Footrest — right	1
23	03-0107	Spring washer — footrest bolt ($\cdot 531$ " $\times$ $\cdot 763$ " $\times$ $\cdot 116$ ")	2
24	21-2018	Bolt — right footrest ($\frac{1}{2}$ " UN.F. $\times$ 1 $\frac{1}{4}$ ")	1
25	82-5943	Footrest peg	4
26	14-1303	Locknut — pillion footrest anchor bolt ($\frac{3}{8}$ " UN.F.)	2
27	60-2322	Washer — pillion footrest anchor bolt ($\cdot 395$ " $\times$ $\cdot 750$ " $\times$ $\cdot 072$ ")	2
28	82-9653	Anchor bolt — pillion footrest	2



FRAME AND FITTINGS

Plate Ref.	Part No.	Description	Per Set
29	54-4302	Washer — fibre, grease nipple	1
30	47-9012	Grease nipple — brake pedal	1
31	60-2330	Washer — stop peg ($\cdot 333'' \times \cdot 625'' \times \cdot 040''$)	1
32	14-1302	Locknut — stop peg ($\frac{5}{16}''$ UN.F.)	1
33	02-1967	Washer — spring, bottom engine stud ($\cdot 440'' \times \cdot 875'' \times \cdot 064''$)	2
34	14-0304	Nut — bottom engine mounting stud ($\frac{7}{16}''$ UN.F.)	2
35	82-9641	Engine plate — left	1
36	82-8918	Bush — brake pedal	1
37	82-8513	Stop peg — brake pedal	1
38	68-9337	Rivet — "Oddie" clip	6
39	68-9115	"Oddie" clip	3
40	82-9684	Engine shield	1
41	14-1302	Locknut — pillion footrest swivel bolt ($\frac{5}{16}''$ UN.F.)	2
42	60-2330	Washer — swivel bolt ($\cdot 333'' \times \cdot 625'' \times \cdot 040''$)	2
43	68-4835	Pillion footrest complete	2
44	14-0217	Swivel bolt — pillion footrest ($\frac{5}{16}''$ UN.F. $\times 1\frac{1}{4}''$)	2
45	29-7583	Rubber — pillion footrest	2
46	14-1302	Locknut — rear engine plate bolt ($\frac{5}{16}''$ UN.F.)	5
47	02-0923	Washer — rear engine plate bolt ($\cdot 317'' \times \cdot 625'' \times \cdot 064''$)	5
48	14-0221	Bolt — engine to right engine plate ($\frac{5}{16}''$ UN.F. $\times 2''$)	2
49	02-0923	Washer — rear engine plate bolt ($\cdot 317'' \times \cdot 625'' \times \cdot 064''$)	5
50	14-0115	Bolt — right engine plate to frame ($\frac{5}{16}''$ UN.F. $\times \frac{7}{8}''$)	3
51	14-0220	Bolt — engine to left engine plate ($\frac{5}{16}''$ UN.F. $\times 1\frac{3}{4}''$)	2
52	02-0923	Washer — rear engine plate bolts ($\cdot 317'' \times \cdot 625'' \times \cdot 064''$)	10
53	82-8509	Spacer — rear engine plate (left)	3
54	14-1302	Locknut — rear engine plate bolt ($\frac{5}{16}''$ UN.F.)	5
55	14-0218	Bolt — left engine plate to frame ($\frac{5}{16}''$ UN.F. $\times 1\frac{3}{8}''$)	3

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

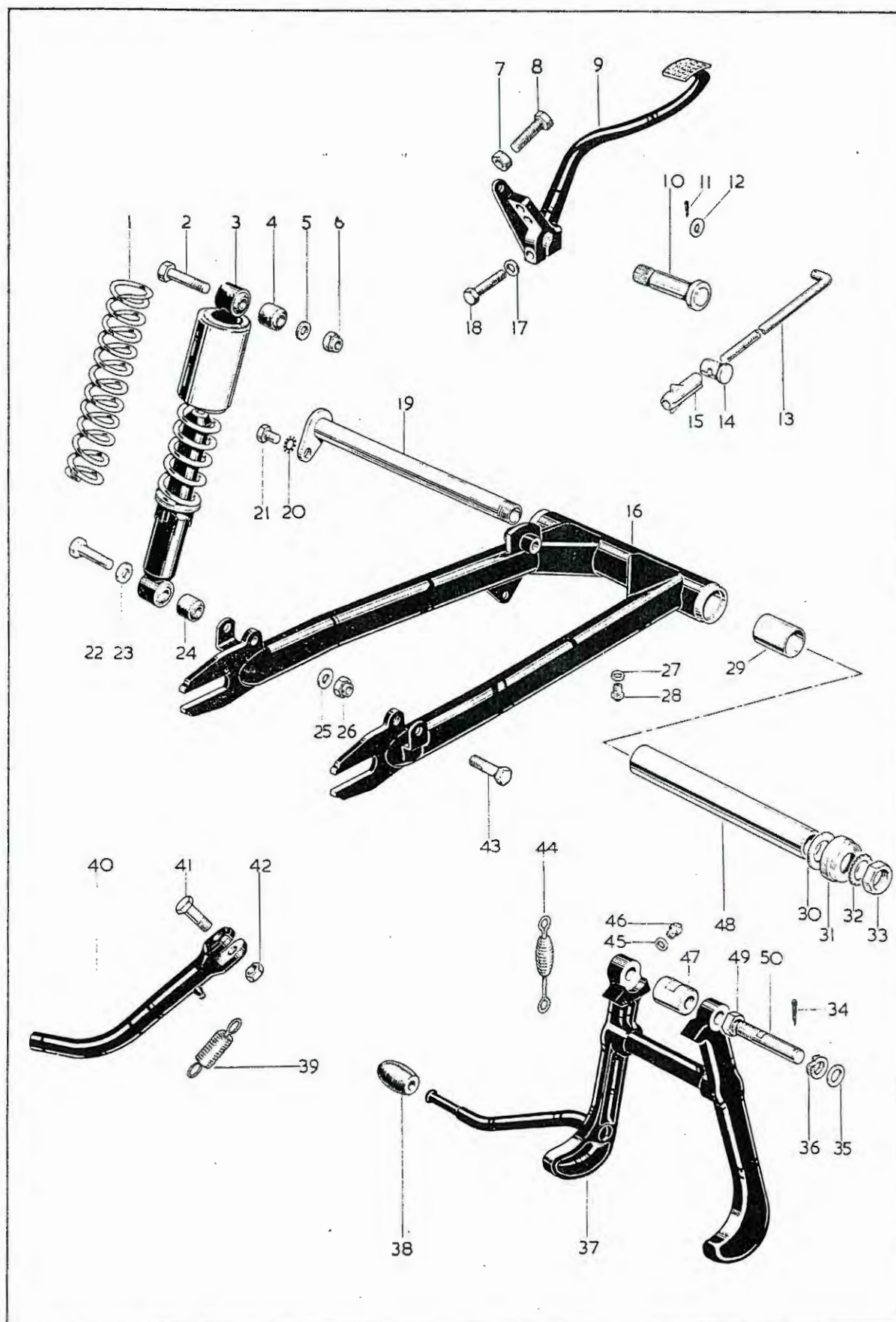


Plate 11

SWINGING ARM — CENTRE STAND — REAR BRAKE CONTROL

Plate Ref.	Part No.	Description	Per Set
1	19-7447	Damper spring (Girling 64544120)	2
2	14-0235	Bolt — damper mounting, top ($\frac{3}{8}$ " UN.F. $\times$ 2")	2
3	19-7472	Damper unit complete (Girling 64052105)	2
4	19-5305	Bush — rear damper, top (Girling 64533645)	2
5	70-8770	Washer — damper mounting, top ($\cdot 391$ " $\times$ $\cdot 625$ " $\times$ $\cdot 064$ ")	2
6	14-1303	Locknut — damper mounting, top ($\frac{3}{8}$ " UN.F.)	2
7	14-0401	Locknut — brake pedal stop screw ($\frac{1}{4}$ " UN.F.)	1
7	14-0401	Locknut — stop switch adjuster screw ($\frac{1}{4}$ " UN.F.)	1
8	14-0106	Screw — brake pedal stop ($\frac{1}{4}$ " UN.F. $\times$ $1\frac{1}{4}$ ")	1
8	14-0106	Screw — stop switch adjuster ($\frac{1}{4}$ " UN.F. $\times$ $1\frac{1}{4}$ ")	1
9	83-3239	Pedal — rear brake	1
10	83-3241	Shaft — brake pedal operating	1
11	60-2683	Split pin — brake rod ($\frac{1}{16}$ " $\times$ $\frac{3}{8}$ ")	1
12	40-2705	Plain washer — brake rod ($\cdot 265$ " $\times$ $\cdot 468$ " $\times$ $\cdot 064$ ")	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 complete with bushes	1
17	15-5155	Washer — brake pedal pinch bolt ($\cdot 328$ " $\times$ $\cdot 505$ " $\times$ $\cdot 048$ ")	1
18	14-0217	Bolt — brake pedal pinch bolt ($\frac{5}{16}$ " UN.F. $\times$ $1\frac{1}{4}$ ")	1
19	82-8468	Spindle — swinging arm	1
20	36-0382	Washer — spring, spindle locking plate ($\frac{5}{16}$ "	1
21	14-0113	Bolt — spindle locking plate ($\frac{5}{16}$ " UN.F. $\times$ $\frac{3}{8}$ ")	1
22	21-2099	Bolt — damper bottom mounting, left ($\frac{3}{8}$ " UN.F. $\times$ $1\frac{1}{8}$ ")	1
23	54-4307	Washer — damper mounting, bottom ($\cdot 406$ " $\times$ $\cdot 750$ " $\times$ $\cdot 063$ ")	2
24	19-5305	Bush — rear damper, bottom (Girling 64533645)	2
25	02-2138	Washer — damper mounting, bottom ($\cdot 380$ " $\times$ $\cdot 750$ " $\times$ $\cdot 064$ ")	2
26	14-1303	Locknut — damper mounting, bottom ($\frac{3}{8}$ " UN.F.)	2
27	54-4302	Washer — fibre, grease nipple	1
28	47-9012	Grease nipple — swinging arm	1
29	82-8475	Bush — swinging arm	2
30	82-8478	Thrust bearing — swinging arm	2
31	82-8477	Dust cap — swinging arm bearing	2
32	42-4364	Shakeproof washer ($\cdot 825$ " $\times$ $1\cdot 250$ " $\times$ $\cdot 050$ ")	1
33	21-0755	Nut — swinging arm spindle ($\frac{11}{16}$ " UN.F.)	1
34	60-2683	Split pin — centre stand spindle ($\frac{1}{16}$ " $\times$ $\frac{3}{8}$ ")	2
35	75-0039	Plain washer — centre stand spindle	2
36	03-1346	Spring washer — centre stand spindle ($\cdot 531$ " $\times$ $\cdot 875$ " $\times$ $\cdot 040$ " double)	2
37	83-1628	Centre stand	1
38	57-2331	Rubber — centre stand pedal	1
39	82-8382	Spring — prop stand return	1
40	82-8660	Prop stand	1
41	21-0769	Bolt — prop stand ($\frac{7}{16}$ " UN.F. $\times$ $1\frac{5}{16}$ ")	1
42	14-0404	Locknut — prop stand bolt ($\frac{7}{16}$ " UN.F.)	1
43	21-2099	Bolt — damper bottom mounting, right ($\frac{3}{8}$ " UN.F. $\times$ $1\frac{1}{8}$ ")	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	Spacer tube — swinging arm	1
49	14-0405	Nut — centre stand pivot ($\frac{1}{2}$ " UN.F.)	2
50	83-1535	Pivot bar — centre stand	2

Plate 12

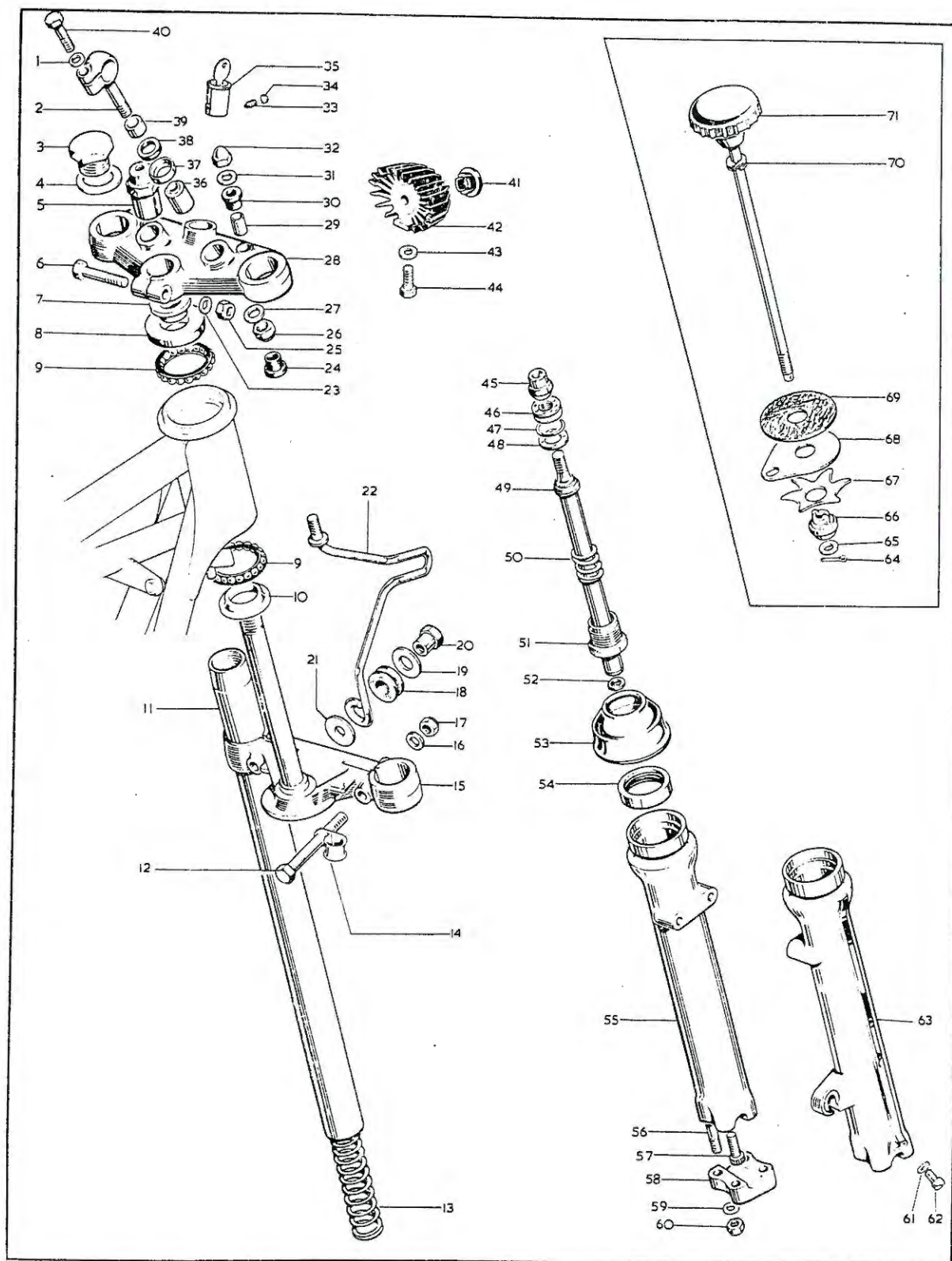
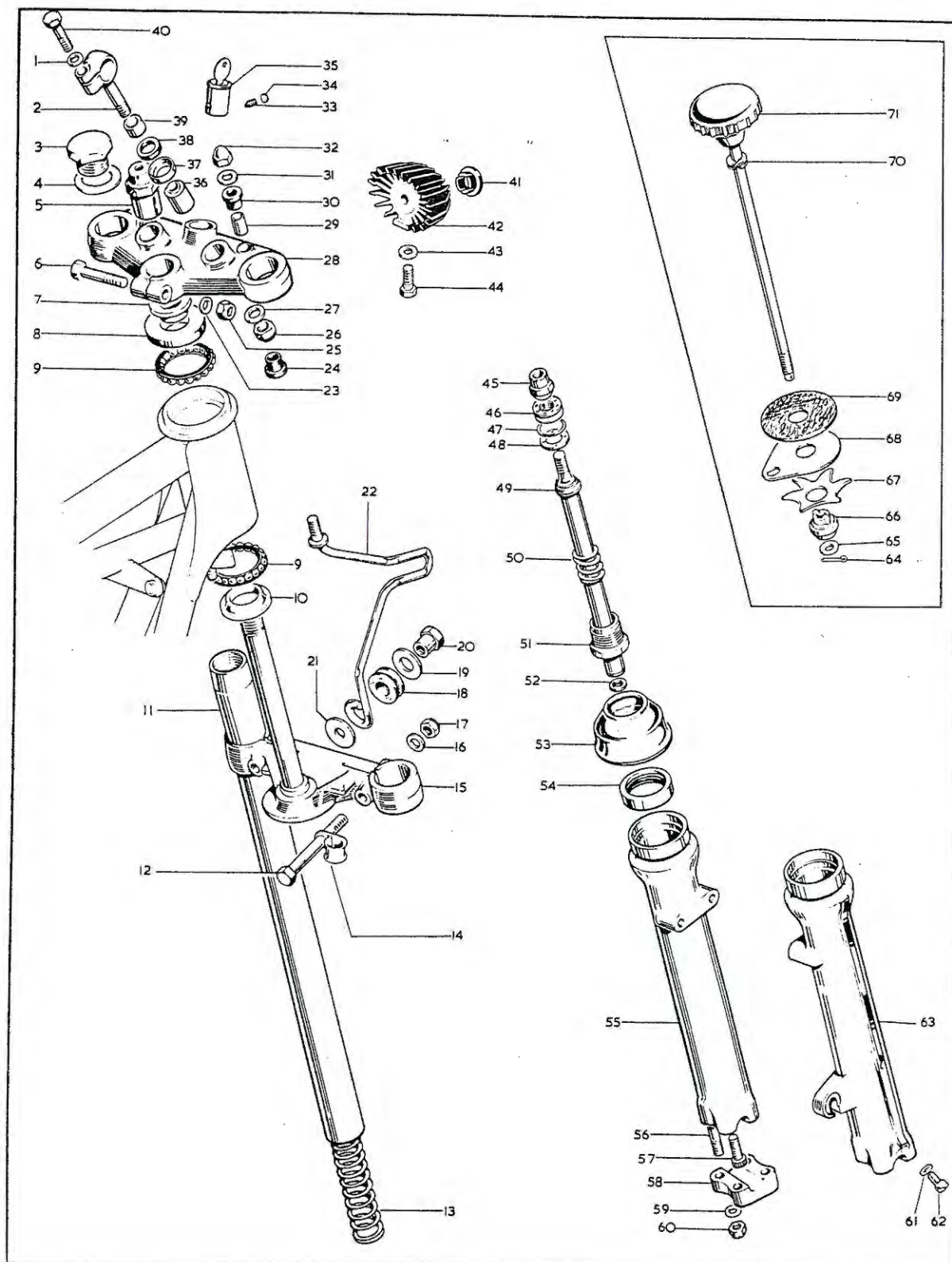


Plate 12

FRONT FORK

Plate Ref.	Part No.	Description	Per Set
	97-4245	Front fork complete	1
1	82-1335	Washer — handlebar clamp bolt (.328" × .531" × .125")	2
2	97-2291	Clamp — handlebar mounting	2
3	97-4258	Nut — stanchion (top)	2
4	97-4166	Washer — stanchion top nut	2
5	97-4159	Nut — steering stem	1
6	14-0234	Pinch bolt — top yoke	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 ($\frac{3}{8}$ " UN.F. × $2\frac{3}{4}$ ")	2
13	97-4215	Fork spring — main	2
14	82-3098	Clip — front brake cable guide	1
15	97-4138	Bottom yoke	1
16	54-4307	Washer — bottom yoke pinch bolt (.406" × .750" × .063")	2
17	14-1303	Locknut — bottom yoke pinch bolt ($\frac{3}{8}$ " 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	Locknut — top yoke pinch bolt ($\frac{3}{8}$ " UN.F.)	1
26	14-1303	Locknut — handlebar clamp ($\frac{3}{8}$ " UN.F.)	2
27	97-1529	Washer — handlebar clamp nut	2
28	97-4048	Top yoke complete 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 ($\frac{1}{4}$ " 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



FRONT FORK

Plate Ref.	Part 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. $\times$ $1\frac{1}{8}$ ")	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	14-6107	Bolt — heat sink fixing ($\frac{1}{4}$ " UN.C. $\times$ $\frac{5}{8}$ ")	1
	29-0541*	Washer — shakeproof, heat sink fixing	1
45	97-4244	Nut — damper valve	2
46	97-4020	Valve — damper	2
47	97-4003	"O" ring — damper valve	2
48	97-4010	Washer — damper valve	2
49	97-4242	Damper tube assembly	2
50	97-4009	Spring — recoil	2
51	97-4076	Plug — stanchion end	2
52	97-4004	Dowty seal — damper tube retaining screw	2
53	97-4002	Scraper sleeve	2
54	97-4001	Oil seal — outer member	2
55	97-4033	Outer member — left	1
56	21-2102	Stud — fork end ($\frac{5}{16}$ " UN.F./UN.C. $\times$ $1\frac{7}{8}$ ")	2
57	14-1019	Screw — damper valve retaining ($\frac{5}{16}$ " UN.F. $\times$ $\frac{7}{8}$ ")	2
58	97-3947	Cap — fork end	2
59	60-2428	Washer — spring, fork end stud ($\cdot 344$ " $\times$ $\cdot 600$ " $\times$ $\cdot 064$ ")	8
60	14-0302	Nut — fork end stud ($\frac{5}{16}$ " UN.F.)	8
61	97-3893	Washer — fibre, drain plug	2
62	97-3894	Drain plug — outer member	2
63	97-4085	Outer member — right	1
64	60-2720	Split pin — steering damper rod ($\frac{3}{32}$ " $\times$ $\frac{1}{2}$ ")	1
65	60-2329	Washer — steering damper rod ($\cdot 265$ " $\times$ $\cdot 557$ " $\times$ $\cdot 036$ ")	1
66	97-4102	Nut — steering damper	1
67	97-0095	Spring plate — steering damper	1
68	97-1797	Anchor plate — steering damper	1
69	97-0435	Friction disc — steering damper	1
70	60-2438	Washer — spring, steering damper rod ($\cdot 344$ " $\times$ $\cdot 576$ " $\times$ $\cdot 048$ ")	1
71	97-3875	Steering damper rod complete	1

*Not illustrated

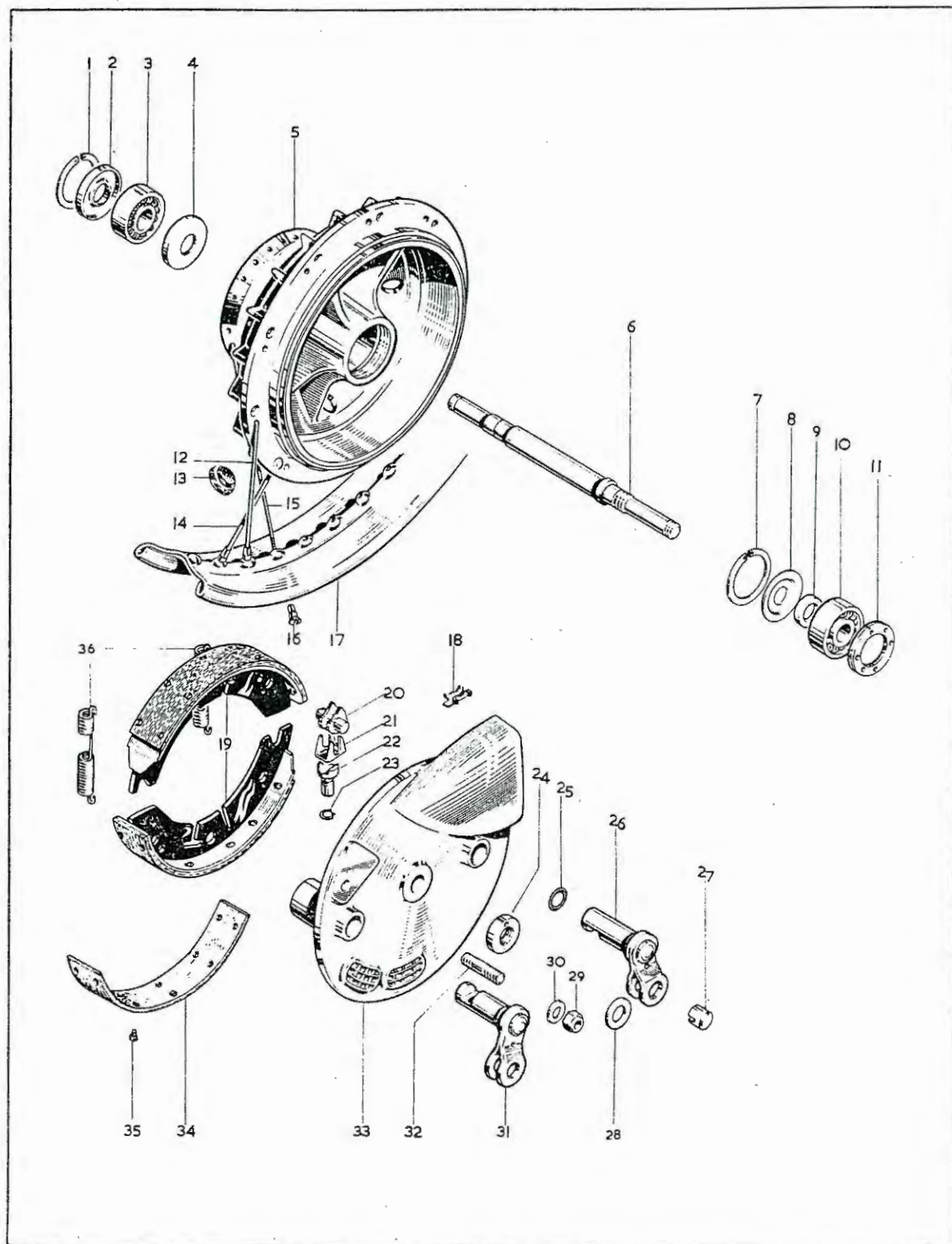


Plate 13

FRONT WHEEL

Plate Ref.	Part No.	Description	Per Set
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	27-6810	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	37-3868	Bush — front brake cable nipple	1
27	37-3867	Bush — front brake cable abutment	1
28	67-0645	Washer — cable bush and abutment	2
29	14-1803	Locknut — anchor plate stud ($\frac{3}{8}$ " UN.F.)	1
30	37-2338	Washer — anchor plate stud	1
31	37-3986	Brake lever — rear	1
32	14-1635	Stud — anchor plate to fork ($\frac{3}{8}$ " UN.C./UN.F. × $1\frac{3}{4}$ ")	1
33	37-3655	Brake anchor plate	1
34	19-7466	Lining — brake shoe	2
35	19-7467	Rivet — brake shoe	20
36	19-7745	Spring — brake shoe	2

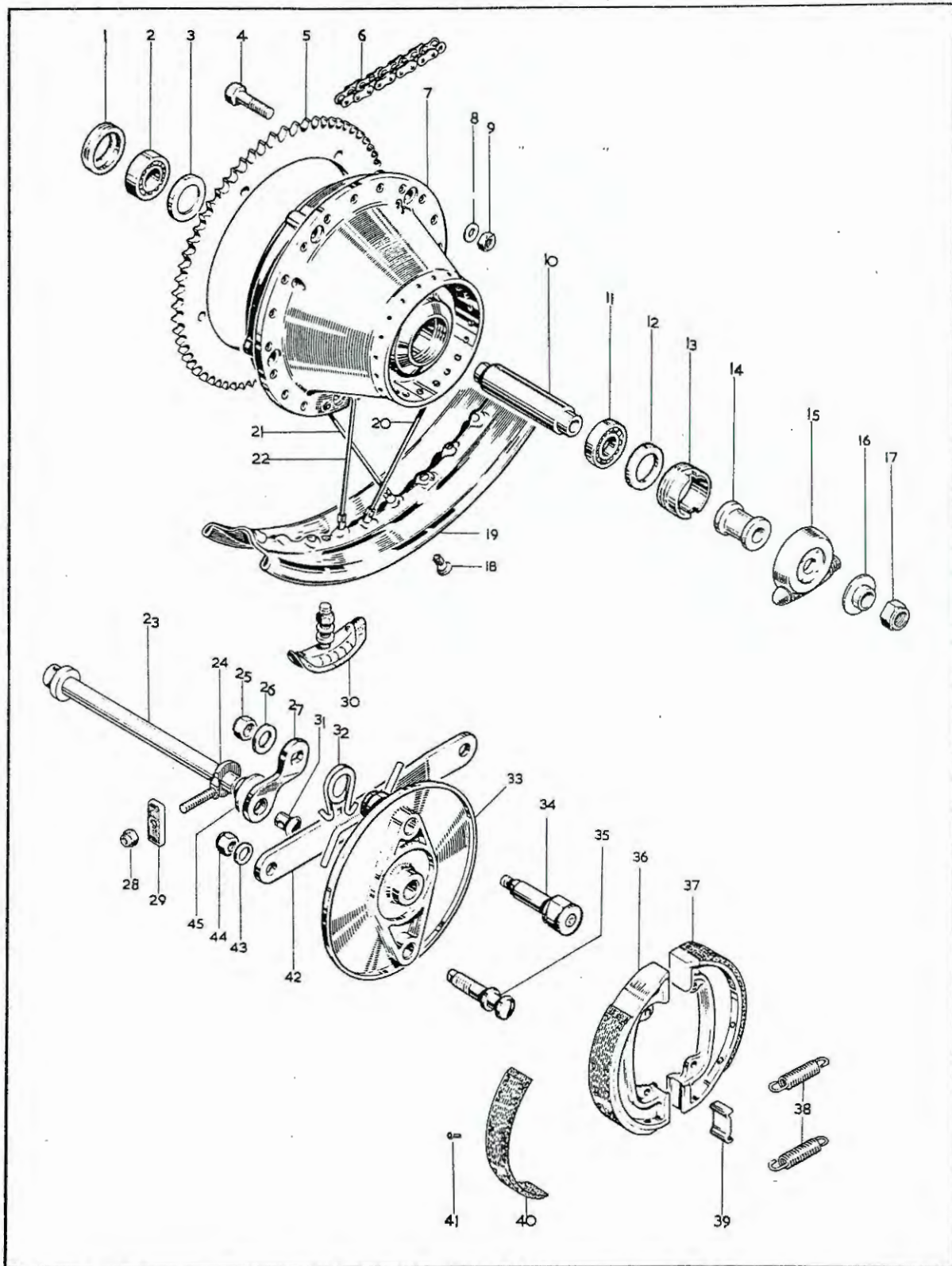


Plate 14

REAR WHEEL

Plate Ref.	Part No.	Description	Per Set
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. $\times$ 2")	5
5	37-3903	Sprocket — rear wheel (53 teeth)	1
6	60-2016	Chain — rear ($\frac{5}{8}$ " $\times$ $\frac{3}{8}$ " $\times$ 108 pitches)	1
7	37-3900	Hub with spindle and bearings	1
8	60-2320	Washer — sprocket to hub ($\cdot 270$ " $\times$ $\cdot 562$ " $\times$ $\cdot 056$ ")	5
9	14-1301	Locknut — sprocket to hub ($\frac{1}{4}$ " UN.F.)	5
10	37-3753	Distance tube — bearings	1
11	37-0553	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 (1:25:1)	1
16	37-3976	Distance piece — wheel spindle (right)	1
17	14-1307	Locknut — wheel spindle ($\frac{5}{8}$ " UN.F.)	1
18	37-2294	Spoke nipple	40
19	37-3920	Rim (WM3 $\times$ 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	Locknut — brake lever ($\frac{3}{8}$ " UN.F.)	1
26	60-2331	Washer — brake lever ($\cdot 395$ " $\times$ $\cdot 750$ " $\times$ $\cdot 048$ ")	1
27	37-3916	Brake lever	1
28	14-1902	Locknut — 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	37-3880	Spring — brake lever return	1
33	37-3956	Anchor plate	1
	60-1841*	Grease nipple — anchor plate	1
	54-4302*	Washer — fibre, anchor plate grease nipple	1
34	37-3872	Cam — brake shoe	1
35	37-3870	Pivot — brake shoe	1
36	37-3925	Brake shoe — leading	1
37	37-3926	Brake shoe — trailing	1
38	37-2328	Spring — brake shoe	2
39	41-6078	Pivot pad — brake shoe	2
40	37-3876	Brake lining	2
41	42-5840	Rivet — lining to shoe	16
42	83-3266	Torque stay	1
	14-0133*	Bolt — torque stay to swinging arm ($\frac{7}{16}$ " UN.F. $\times$ 1")	1
	15-0431*	Washer — torque stay to swinging arm ($\cdot 447$ " $\times$ $\cdot 750$ " $\times$ $\cdot 064$ ")	1
	14-1304*	Nut — torque stay to swinging arm ($\frac{7}{16}$ " UN.F.)	1
43	60-2431	Washer — spring, torque stay to brake pivot ($\cdot 531$ " $\times$ $\cdot 851$ " $\times$ $\cdot 092$ ")	1
44	14-0305	Nut — torque stay to brake pivot ($\frac{1}{2}$ " UN.F.)	1
45	37-3901	Distance piece — wheel spindle (left)	1

*Not illustrated.

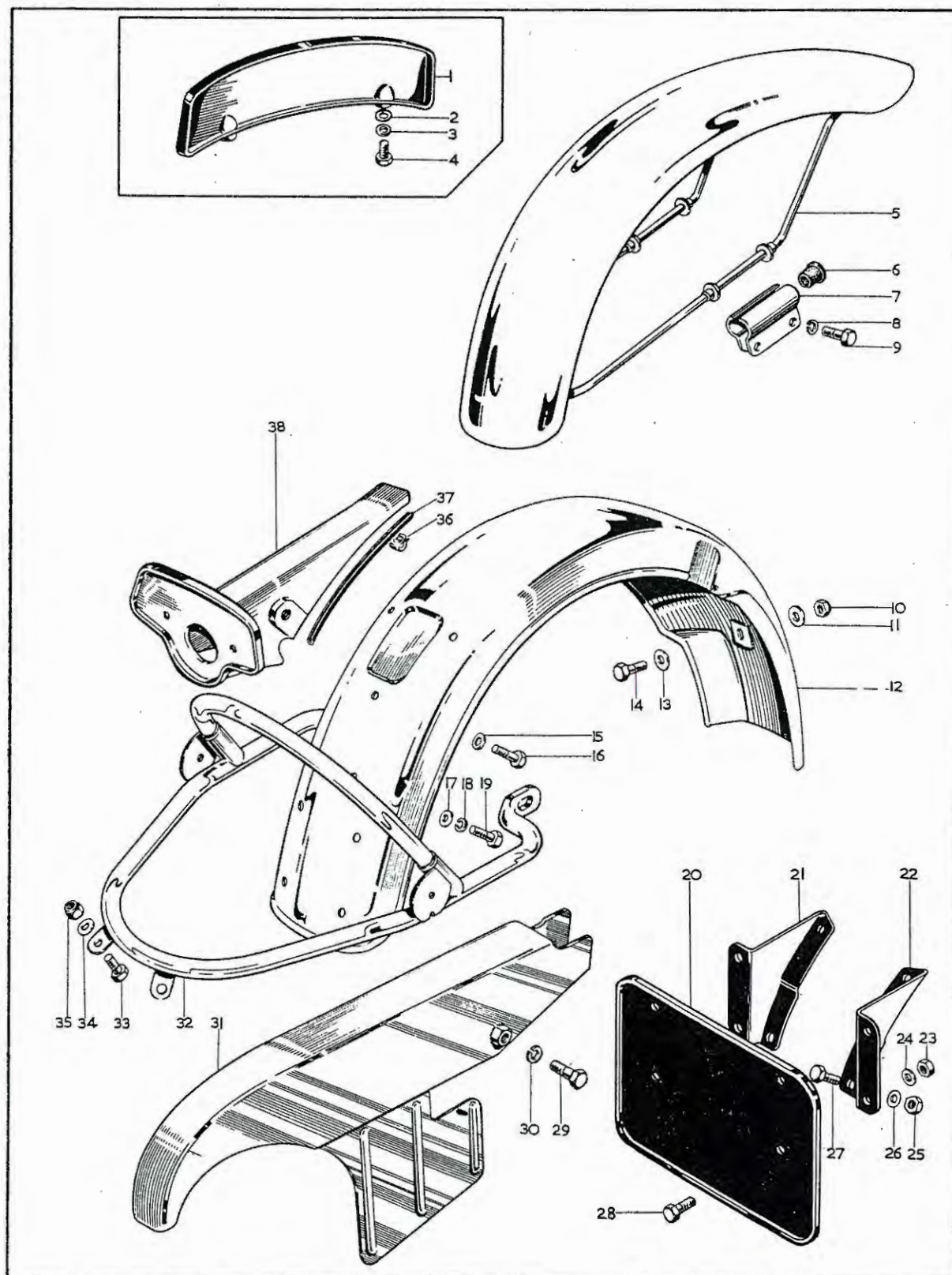


Plate 15

MUDGUARDS — CHAINGUARD — NUMBER PLATES

Plate Ref.	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 ($\cdot 192'' \times \cdot 437'' \times \cdot 048''$)	2
4	40-3044	Screw — front number plate fixing (2 B.A. $\times \frac{3}{8}''$)	2
5	97-4271	Front mudguard	1
5	97-4273*	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 bolt ($\cdot 281'' \times \cdot 465'' \times \cdot 064''$)	4
9	14-0103	Bolt — mudguard mounting ($\frac{1}{4}''$ UN.F. $\times \frac{3}{4}''$)	4
10	14-1301	Locknut — rear mudguard fixing bolt ($\frac{1}{2}''$ UN.F.)	2
11	27-8560	Washer — rear mudguard fixing bolt ($\cdot 255'' \times \cdot 625'' \times \cdot 048''$)	2
12	83-3160	Rear mudguard	1
13	27-8560	Washer — rear mudguard fixing bolt ($\cdot 255'' \times \cdot 625'' \times \cdot 048''$)	2
14	14-0101	Bolt — rear mudguard fixing ($\frac{1}{4}''$ UN.F. $\times \frac{1}{2}''$)	2
15	60-2320	Washer — rear lamp housing top fixing bolt ($\cdot 270'' \times \cdot 562'' \times \cdot 056''$)	1
16	14-6101	Bolt — top, rear lamp housing ($\frac{1}{4}''$ UN.C. $\times \frac{1}{2}''$)	1
17	60-2320	Washer — rear lamp housing bottom fixing bolt ($\cdot 270'' \times \cdot 562'' \times \cdot 056''$)	2
18	60-2417	Spring washer — rear lamp housing lower fixing bolts ($\cdot 281'' \times \cdot 425'' \times \cdot 072''$)	2
19	14-0102	Bolt — rear lamp lower fixing ($\frac{1}{4}''$ UN.F. $\times \frac{3}{8}''$)	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 bolt ($\frac{1}{4}''$ UN.F.)	4
24	60-2320	Washer — rear number plate fixing bolt ($\cdot 270'' \times \cdot 562'' \times \cdot 056''$)	4
25	14-0301	Nut — rear number plate bracket to mudguard bolt ($\frac{1}{4}''$ UN.F.)	2
26	60-2338	Washer — rear number plate bracket to mudguard fixing bolt ($\cdot 270'' \times \cdot 625'' \times \cdot 056''$)	2
27	14-0101	Bolt — rear number plate bracket to mudguard ($\frac{1}{4}''$ UN.F. $\times \frac{1}{2}''$)	2
28	14-0604	Screw — rear number plate to bracket ($\frac{1}{4}''$ UN.F. $\times \frac{1}{2}''$)	4
29	14-0206	Bolt — chainguard to swinging arm ($\frac{1}{4}''$ UN.F. $\times 1\frac{1}{2}''$)	1
30	29-0541	Washer — chainguard bolt ($\cdot 265'' \times \cdot 468'' \times \cdot 024''$)	1
31	83-3259	Chainguard	1
32	83-3246	Support rail and grab handle	1
32	83-3443*	Support rail and grab handle	1
33	14-0102*	Bolt — support rail to mudguard ($\frac{1}{4}''$ UN.F. $\times \frac{3}{8}''$)	2
34	54-9081*	Washer — support rail to mudguard bolt ($\cdot 281'' \times \cdot 563'' \times \cdot 078''$)	2
35	14-1201*	Locknut — support rail to mudguard bolt ($\frac{1}{4}''$ UN.F.)	2
36	60-3313	Spire nut — rear lamp housing top fixing bolt	1
37	83-3211	Rubber beading — rear lamp housing	2
38	83-2736	Rear lamp housing	1

*Home and General Export only

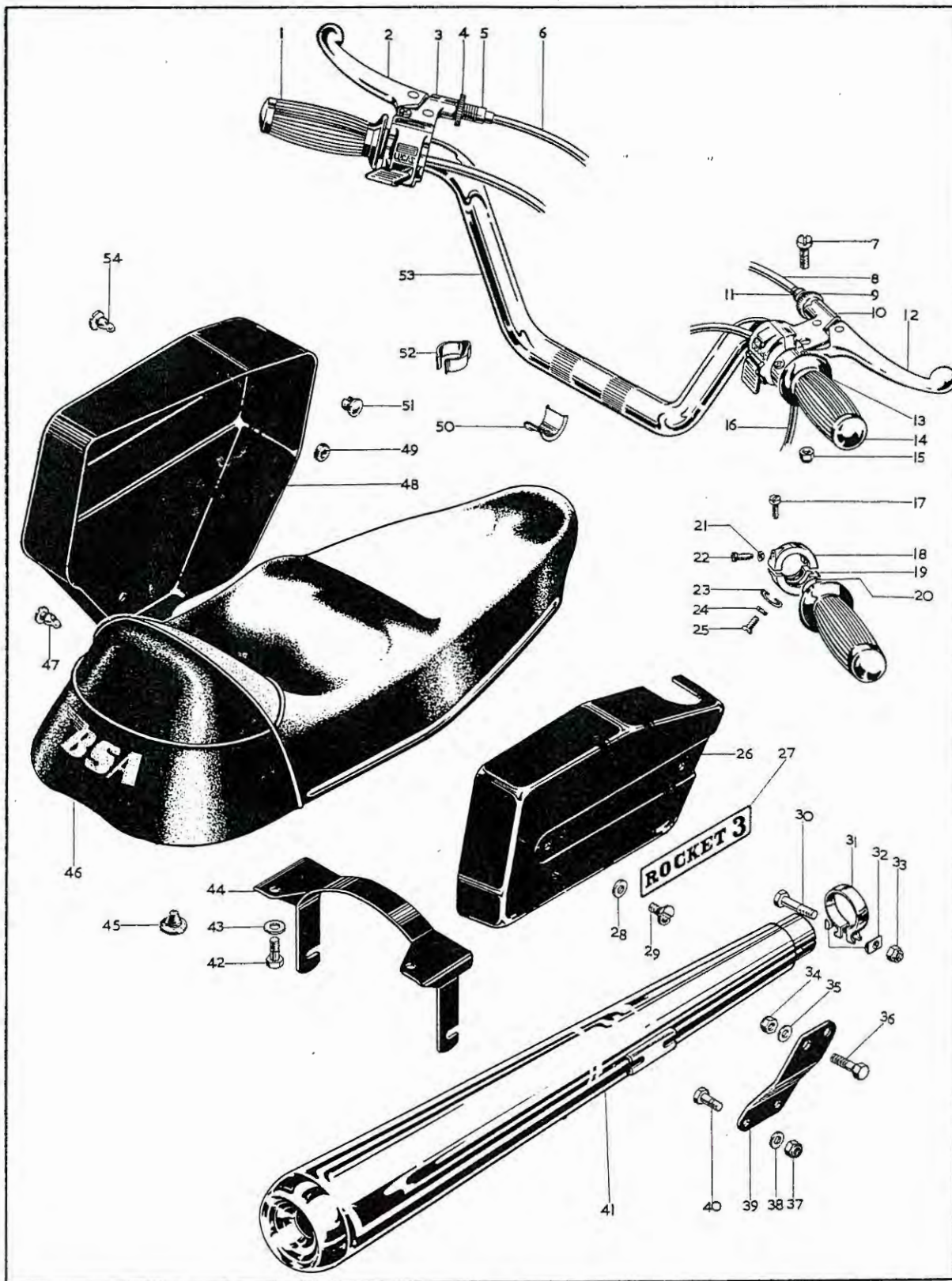


Plate 16

HANDLEBAR — DUAL SEAT — SIDE PANELS — SILENCERS

Plate Ref.	Part No.	Description	Per Set
1	97-2142	Rubber grip — handlebar, left	1
2	60-3657	Clutch lever	1
3	19-1333*	Switch assembly — left (Lucas 39595)	1
4	60-3586	Adjuster nut — clutch cable	1
5	60-3585	Adjuster — clutch cable	1
6	60-2445	Cable — clutch	1
7	21-2048	Pivot screw — clutch and brake levers ($\frac{1}{4}$ " UN.F. $\times \frac{15}{16}$ ")	2
8	60-3557	Cable — front brake	1
	60-3148†	Gaiter — front brake cable	1
9	60-2072	Adjuster nut — brake cable	1
10	19-1332*	Switch assembly — right (Lucas 39596)	1
11	60-2071	Adjuster — clutch cable	1
12	60-3583	Front brake lever	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	83-3124	Sidecover — right	1
27	60-3278	Badge — side panel	2
28	82-9964	Rubber washer	2
29	21-0767	Screw — sidecover to oil tank ($\frac{1}{4}$ " UN.F. $\times \frac{7}{16}$ ")	2
30	14-0219	Bolt — silencer clamp ($\frac{5}{16}$ " UN.F. $\times 1\frac{1}{2}$ ")	2
31	75-2725	Clamp — silencer to exhaust pipe	2
32	75-2719	Saddle washer — silencer clamp	4
33	14-1302	Locknut — silencer clamp bolt ($\frac{1}{16}$ " UN.F.)	2

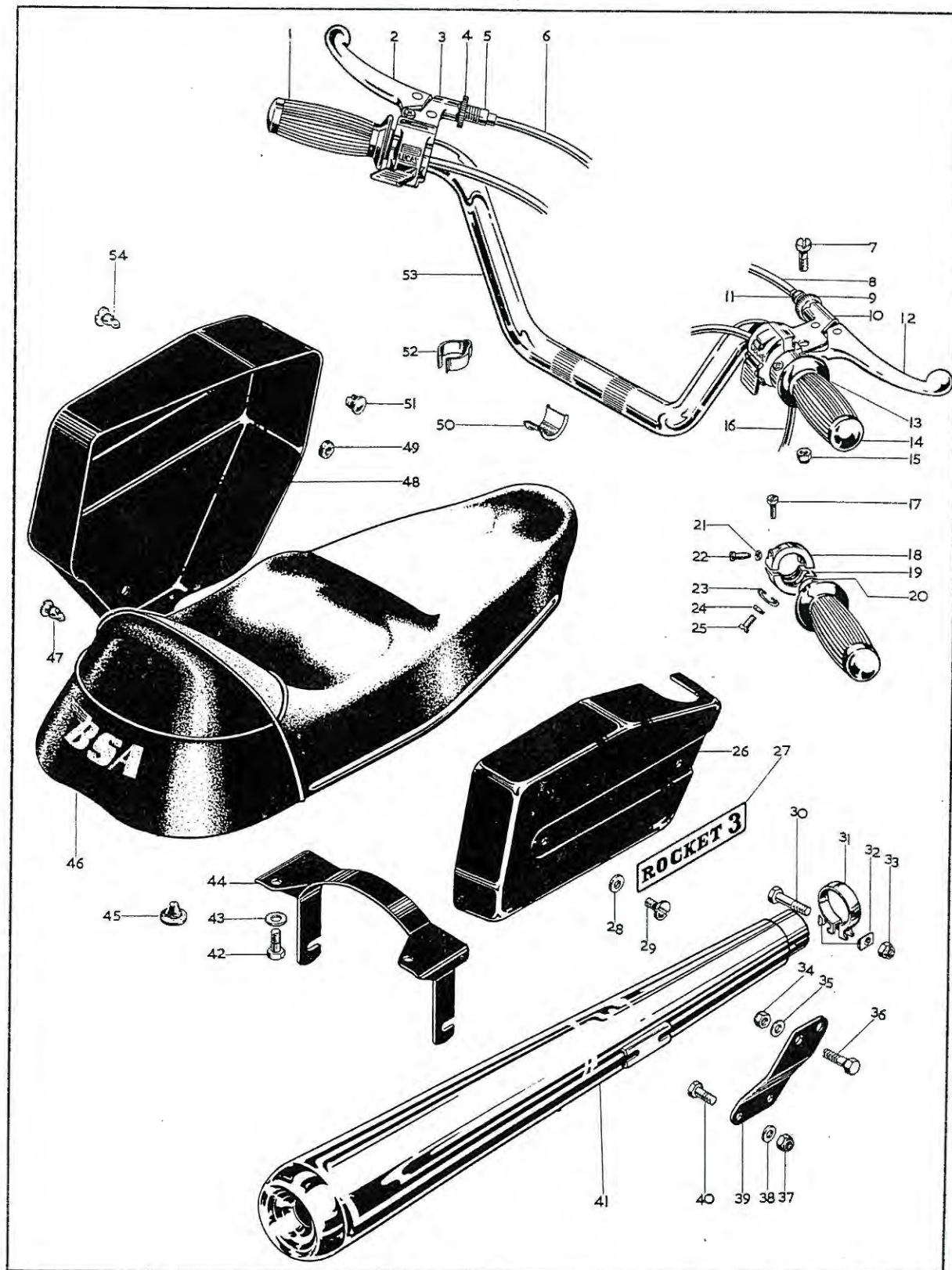


Plate 16—*contd.*

HANDLEBAR — DUAL SEAT — SIDE PANELS — SILENCERS

Plate Ref.	Part No.	Description	Per Set
34	14-1303	Locknut — silencer bracket to frame bolt ($\frac{3}{8}$ " UN.F.)	2
35	02-1733	Washer — silencer bracket to frame bolt ($\cdot 380" \times \cdot 812" \times \cdot 064"$)	2
36	14-0129	Bolt — silencer bracket to frame ($\frac{3}{8}$ " UN.F. $\times 1\frac{1}{4}"$)	2
37	14-1201	Locknut — bracket to silencer bolt ($\frac{1}{4}$ " UN.F.)	4
38	60-2338	Washer	4
38	60-2338	Washer	4
39	83-3280	Silencer bracket — right	1
39	83-3279	Silencer bracket — left	1
40	14-0101	Bolt — bracket to silencer ($\frac{1}{4}$ " UN.F. $\times \frac{1}{2}"$)	4
41	71-2382	Silencer	1
42	02-0353††	Bolt — bracket to dualseat ($\frac{5}{16}$ " B.S.C. $\times \frac{5}{8}"$)	2
43	24-8784††	Washer — spring, bracket to dualseat	2
44	83-3117††	Seat bracket	1
45	82-7835	Rubber buffer	4
46	83-3853	Dualseat — complete assembly	1
46	19-6050	Cover — dualseat	1
46	83-3438**	Dualseat — complete assembly	1
46	19-6048**	Cover — dualseat	1
47	60-3632	"Oddie" stud — ignition switch mounting bracket	1
	82-9964	Rubber washer — ignition switch mounting bracket	1
48	83-3168	Sidecover — left	1
49	68-9226	Rubber washer	3
50	75-4909	Sleeve — handlebar mounting	4
51	97-2273	Clip — clutch cable	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.

†Not illustrated.

**Home and General Export only.

††Not Home and General Export.

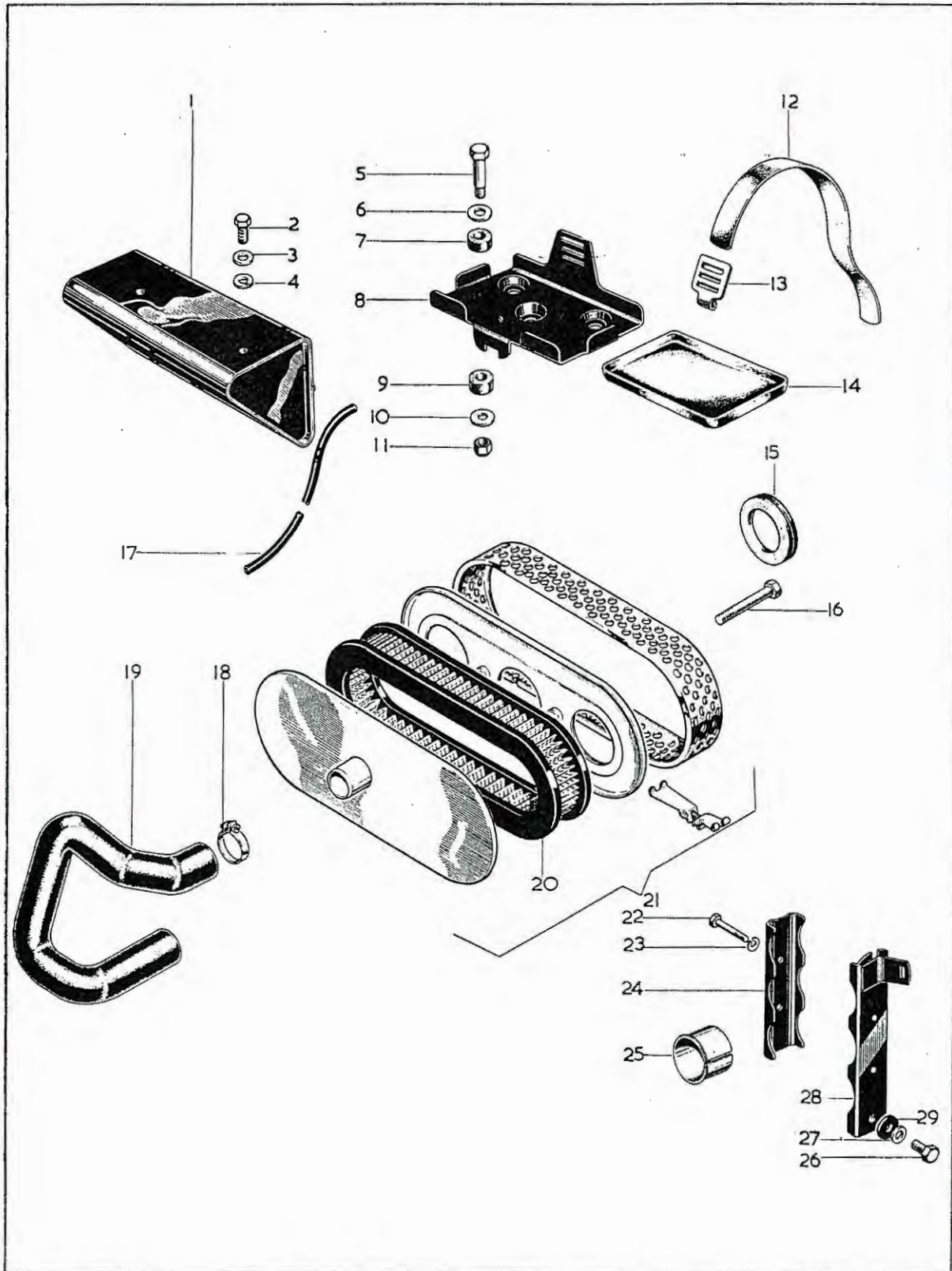


Plate 17

TOOLBOX — BATTERY CARRIER — AIR CLEANER

Plate Ref.	Part No.	Description	Per Set
1	82-8495	Toolbox	1
2	14-0101	Bolt — toolbox to frame ($\frac{1}{4}$ " UN.F. $\times$ $\frac{1}{2}$ ")	2
3	02-0525	Washer — toolbox to frame bolt ($\cdot 255$ " $\times$ $\cdot 500$ " $\times$ $\cdot 048$ ")	2
4	82-9020	Spring washer — toolbox to frame bolt ($\cdot 255$ " $\times$ $\cdot 594$ " $\times$ $\cdot 040$ ")	2
5	21-0768	Bolt — carrier to platform	3
6	02-2138	Washer — carrier to platform, top ($\cdot 380$ " $\times$ $\cdot 750$ " $\times$ $\cdot 064$ ")	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 ($\cdot 317$ " $\times$ $\cdot 875$ " $\times$ $\cdot 064$ ")	3
11	14-1202	Locknut — carrier to platform ($\frac{1}{16}$ " UN.F.)	3
12	68-4577	Strap — battery retaining	1
13	04-7431	Hook — battery retaining strap	1
14	68-4597	Rubber tray — battery carrier	1
15	82-9562	Grommet — air cleaner	3
16	14-0218	Bolt — air cleaner to manifold ($\frac{1}{4}$ " UN.F. $\times$ $3\frac{1}{2}$ ")	2
17	82-7431	Vent pipe — battery	1
18	60-0706	Clip — breather hose	2
19	82-8743	Connector hose — breather to air cleaner	1
20	70-9138	Element — air cleaner	1
21	60-3276	Air cleaner — complete assembly	1
22	21-1981	Bolt — coil clamp (10 UN.F. $\times$ $1\frac{3}{4}$ ")	2
23	24-7068	Washer — spring, coil clamp bolt ($\cdot 203$ " $\times$ $\cdot 328$ " $\times$ $\cdot 064$ ")	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. $\times$ $\frac{3}{4}$ ")	1
27	27-8560	Washer — coil support to frame bolt ($\cdot 266$ " $\times$ $\cdot 625$ " $\times$ $\cdot 048$ ")	2
28	83-1384	Coil support complete	1
29	83-1984	Washer — rubber, coil support to frame bolt	2

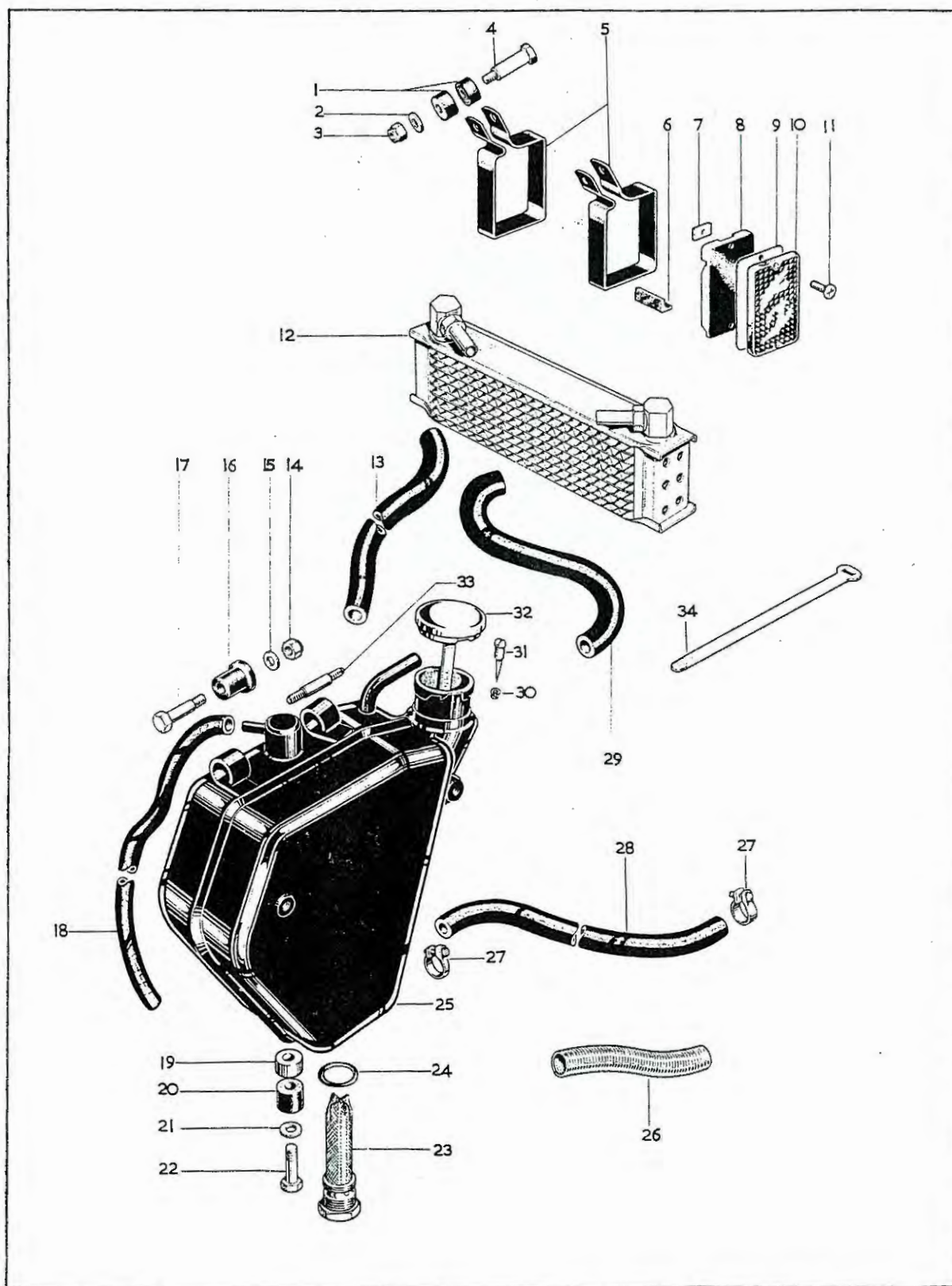


Plate 18

OIL TANK — OIL COOLER

Plate Ref.	Part No.	Description	Per Set
	82-9574	Oil cooler and reflector assembly	1
1	82-8657	Rubber — oil cooler mounting	4
2	76-0101	Washer — cooler strap mounting ($.266" \times .750" \times .080"$)	2
3	14-1301	Locknut — cooler strap mounting ($\frac{1}{4}"$ UN.F.)	2
4	21-0752	Bolt — cooler strap mounting ($\frac{1}{4}"$ UN.F. $\times 1-15/64"$)	2
5	83-3128	Strap — oil cooler mounting	2
6	82-9322	Packing rubber — oil cooler to strap	8
7	82-9573	Nut — oil cooler reflector mounting (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	70-8906	Flexible pipe — oil cooler to rocker box	1
14	14-1301	Locknut — oil tank top mounting ($\frac{1}{4}"$ UN.F.)	3
15	27-8560	Washer — oil tank top mounting ($.266" \times .625" \times .048"$)	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 bottom mounting	1
20	83-1585	Rubber — oil tank bottom mounting	1
21	02-0923	Washer — oil tank bottom mounting ($.317" \times .625" \times \frac{1}{16}"$)	1
22	14-0217	Bolt — oil tank bottom mounting ($\frac{5}{16}"$ UN.F. $\times 1\frac{1}{4}"$)	1
23	83-1387	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	Clip — flexible oil pipe	2
28	70-8904	Flexible pipe — oil tank to engine	1
29	70-8907	Flexible pipe — cooler to tank	1
30	82-6874	Spring — metering screw	1
31	82-9435	Metering screw — chain oiler ($\frac{1}{4}"$ UN.F. $\times 29/64"$)	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

*Special material: 33—EN14B.

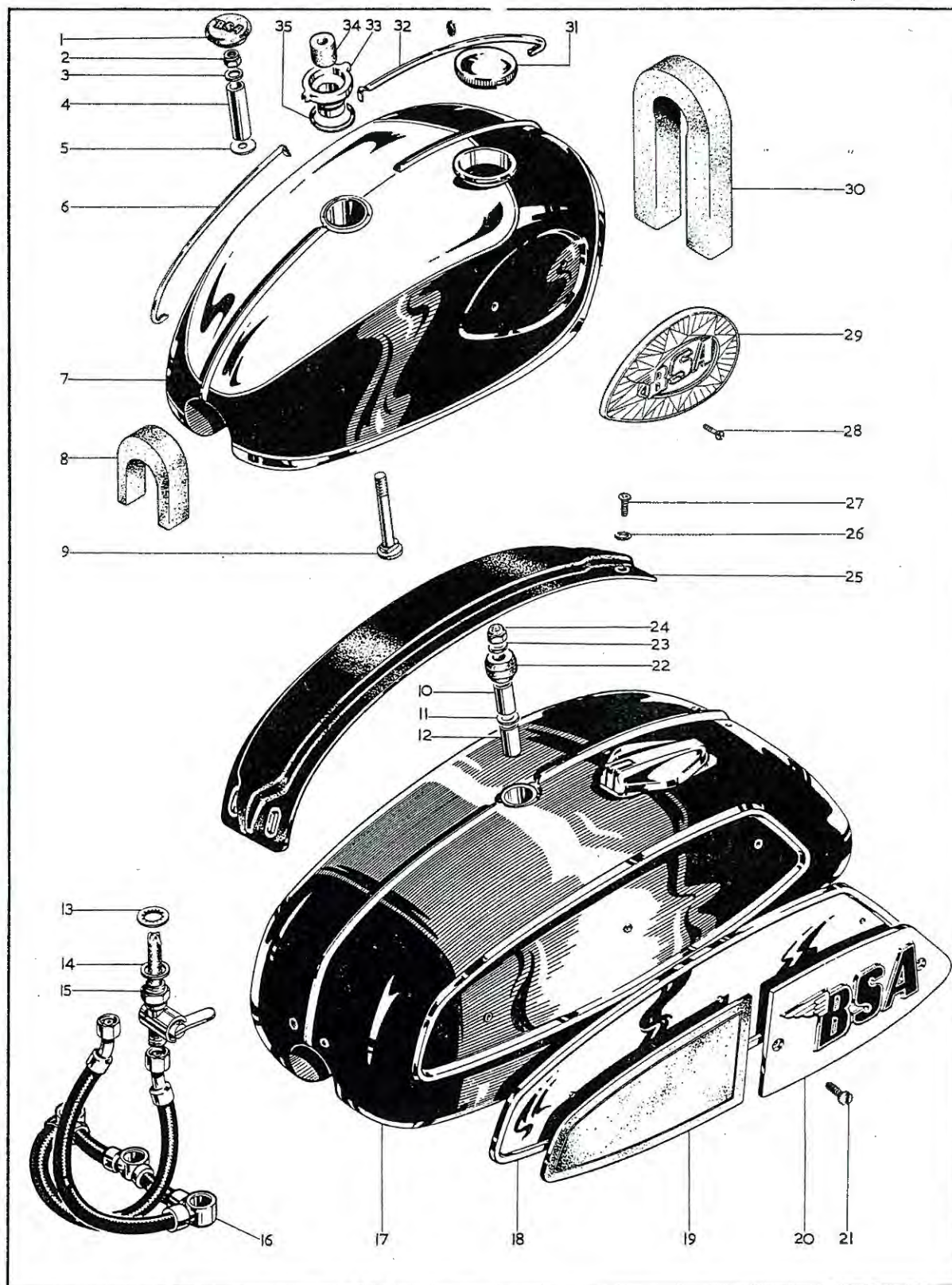
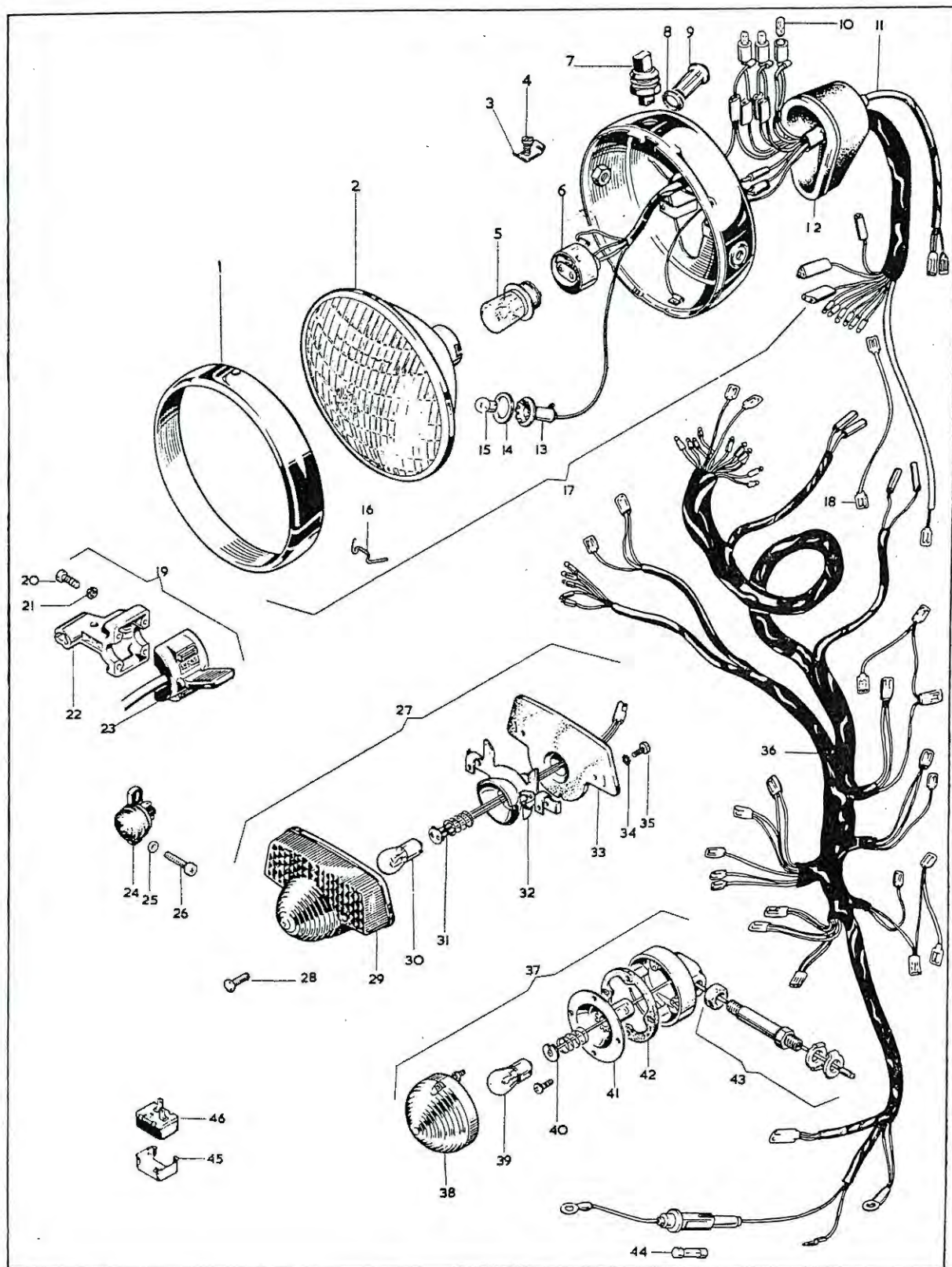


Plate 19

PETROL TANK

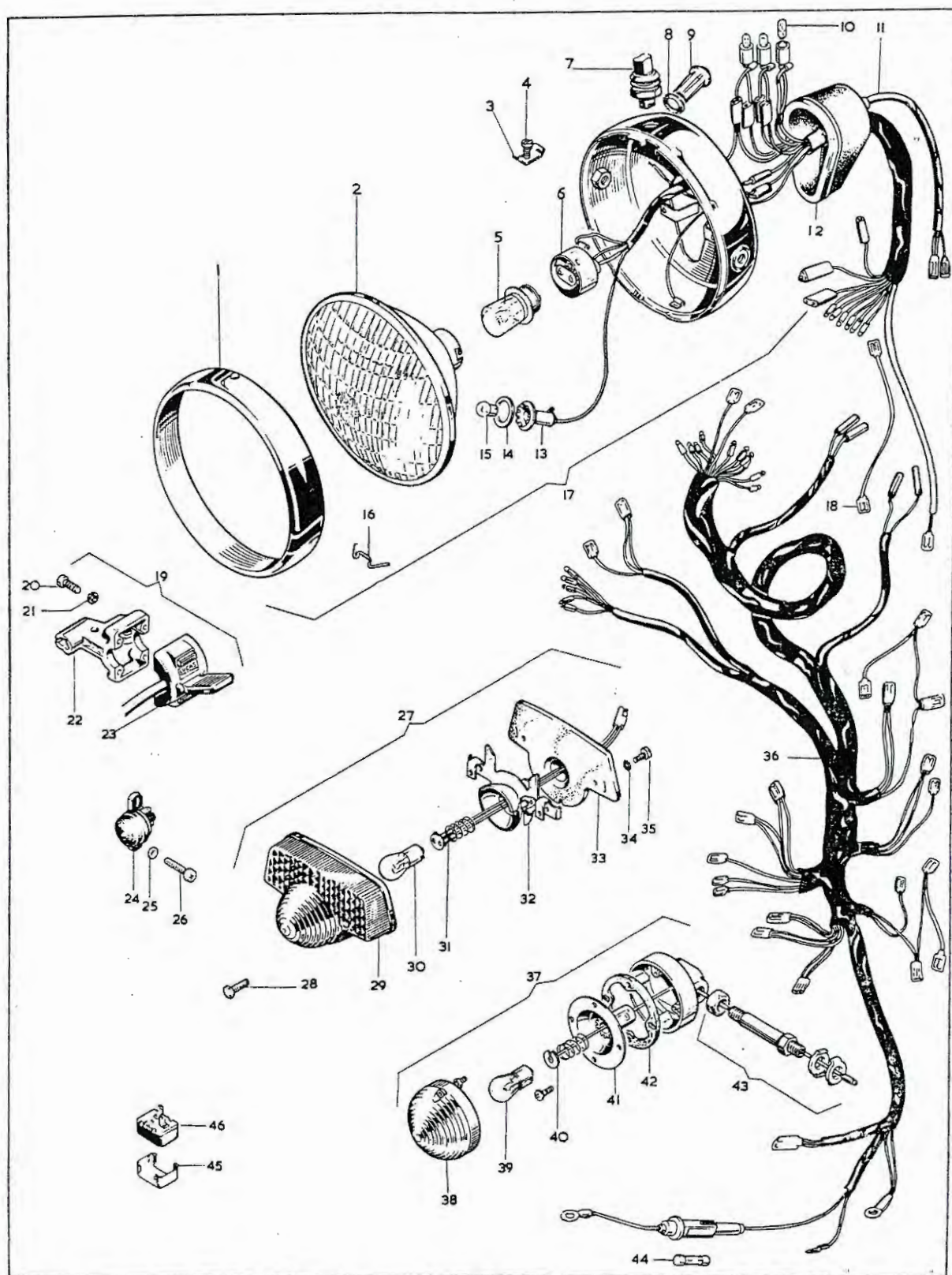
Plate Ref.	Part No.	Description	Per Set
1	42-8010	Grommet — petrol tank centre bolt	1
2	14-0302	Nut — petrol tank mounting ($\frac{1}{16}$ " UN.F.)	1
3	68-8016	Washer — petrol tank mounting, top ($\cdot 453" \times \cdot 906" \times \cdot 094"$)	1
4	68-8174	Spacer tube — petrol tank mounting	1
5	76-0012	Washer — petrol tank mounting, bottom ($\cdot 328" \times \cdot 563" \times \cdot 093"$)	1
6	83-3147	Styling strip — rear	1
7	83-2747	Petrol tank complete	1
8	82-9920	Rubber — petrol tank mounting, rear	1
9	21-1993	Bolt — petrol tank mounting	1
10	76-4120	Spacer tube — petrol tank mounting	1
11	03-0101*	Washer — petrol tank mounting ($\cdot 328" \times 1 \cdot 125" \times \cdot 092"$)	1
12	82-8327*	Spacer tube — petrol tank mounting	1
13	83-0002	Washer — petrol tap	1
14	70-7351	Sealing washer — petrol tap	1
15	83-2800	Petrol tap	1
15	83-2801	Petrol tap — reserve	1
16	83-3355	Petrol pipe assembly	1
16	82-9436*	Petrol pipe assembly	1
17	82-8391*	Petrol tank complete	1
18	82-8588*	Panel — petrol tank, left	1
18	82-8589*	Panel — petrol tank, right	1
19	82-8590*	Knee pad — rubber, petrol tank	1
19	82-8591*	Knee pad — rubber, petrol tank	1
20	82-8611*	Badge — petrol tank, right	1
20	82-8610*	Badge — petrol tank, left	1
21	21-6206*	Screw — petrol tank badge and panel fixing	6
22	40-8085*	Rubber — petrol tank mounting	1
23	03-0101*	Washer — petrol tank mounting ($\cdot 328" \times 1 \cdot 125" \times \cdot 092"$)	1
24	14-0302	Nut — petrol tank mounting ($\frac{1}{16}$ " UN.F.)	1
25	82-8609*	Styling strip — petrol tank	1
26	82-8947*	Washer — styling strip to tank	4
27	82-8946*	Screw — styling strip to tank (2 B.A. $\times \frac{5}{8}$ " countersunk)	4
28	82-8250	Screw — petrol tank badge fixing ($\frac{1}{8}$ " W. $\times \frac{5}{8}$ ")	4
29	83-3270	Badge — petrol tank, left	1
29	83-3271	Badge — petrol tank, right	1
30	82-9919	Rubber — petrol tank mounting, front	1
31	82-3220	Filler cap — petrol tank	1
32	83-3146	Styling strip — front	1
33	68-8035	Styling strip holder	1
34	42-8017	Rubber — petrol tank mounting	1
35	68-8013	Rubber ring — petrol tank mounting	1

*Home and general export only.



ELECTRICAL EQUIPMENT (PART 1)

Plate Ref.	Part Number		Description	Per Set
	B.S.A. No.	Makers No.		
1		553248	Headlamp rim	1
2	19-0960	516801	Light unit	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 (371)	1
6		554602	Bulb holder — main	1
7	19-1095	31276	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		54959640	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
18		54954267	Link lead — ignition coil	1
19	19-1332	39596	Handlebar switch assembly — right	1
19	19-1333	39595	Handlebar switch assembly — left	1
20		54115246	Screw — handlebar switch	8
21		185022	Washer — handlebar switch screw	8
22	19-1335	54340881	Lever half — handlebar switch (left and right)	2
23	19-1337	54033667	Switch half — handlebar switch (right)	1



ELECTRICAL EQUIPMENT (PART 1)

Plate Ref.	Part Number		Description	Per Set			
	B.S.A. No.	Makers No.					
23	19-1334	54033666	Switch half — handlebar switch (left)	..	..	..	1
24	19-0916	34815	Stop switch — rear	..	..	..	1
25	26-9461		Washer — rear stop switch screw	..	..	..	4
26	42-4574		Screw — rear stop switch fixing	..	..	..	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	19-1099	54959638	Main harness	..	..	..	1
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	19-1071	54582415	Stem — flasher lamp (front)	..	..	..	2
43	19-1072	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
	19-1353*	54386637	Spring — flasher unit	..	..	..	1
	83-0033*		Bolt — flasher unit spring	..	..	..	1
	76-0293*		Washer — flasher unit spring	..	..	..	2
	54-9017*		Nut — flasher unit spring	..	..	..	2

*Not illustrated

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

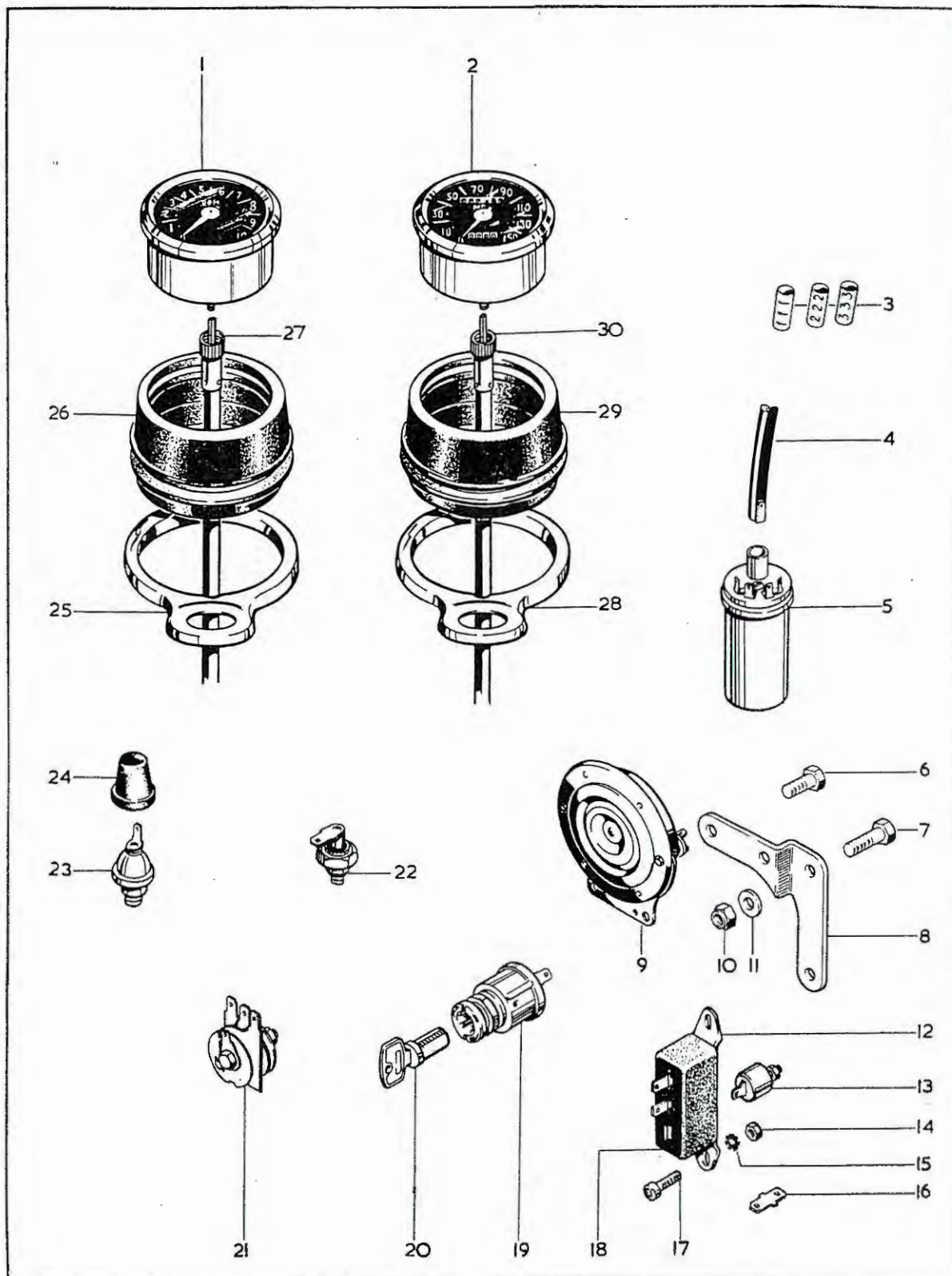


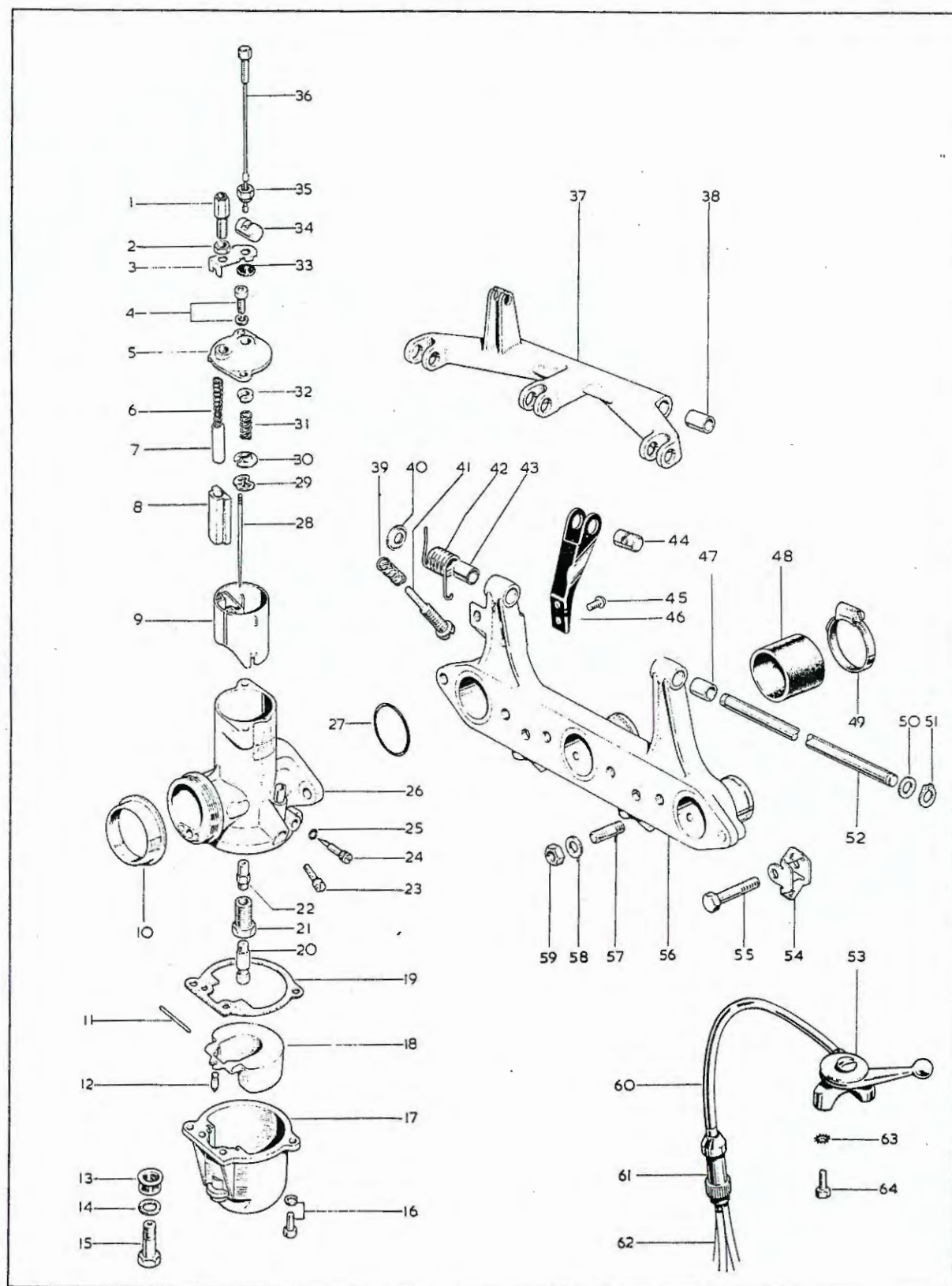
Plate 21

ELECTRICAL EQUIPMENT (PART 2)

Plate Ref.	Part Number		Description	Per Set
	B.S.A. No. Makers No.			
1	19-8950	RSM.3003/04	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 (not illustrated) .. .	1
3	60-2046		Identification sleeve — No. 1 high-tension lead .. .	1
3	60-2047		Identification sleeve — No. 2 high-tension lead .. .	1
3	60-2048		Identification sleeve — No. 3 high-tension lead .. .	1
4	19-1898	54956436	High-tension lead — non-resistive .. .	3
4	19-1899*	54956478	High-tension lead — resistive .. .	3
5	19-1881	45221	High-tension coil .. .	3
6	14-0103		Bolt — horn to bracket .. .	2
7	14-0101		Bolt — horn bracket to frame .. .	2
8	83-3269		Horn bracket .. .	1
9	19-2084	70216	Horn .. .	1
10	14-1202		Locknut — horn and horn bracket fixing ($\frac{1}{4}$ " UN.F.) .. .	4
11	60-2320		Washer — horn and horn bracket ($\cdot 270" \times \cdot 562" \times \cdot 056"$) .. .	4
12	19-1861	54418526	Base plate — condenser set .. .	1
13	19-1847	54420128	Condenser .. .	3
14	02-0047		Nut — condenser base plate fixing ($\frac{3}{16}$ " B.S.C.) .. .	2
15	29-3319		Washer — condenser base plate fixing screw ($\cdot 200" \times \cdot 400" \times \cdot 021"$) .. .	2
16	19-1915	54190038	"Lucar" blade — condenser earth .. .	1
17	40-0236		Screw — condenser base plate fixing (2 B.A. $\times \frac{5}{8}$ ") .. .	2
18	19-1848	54418528	Cover — condenser pack .. .	1
19	19-1914	54033691	Master switch — ignition .. .	1
20	82-6981		Lock and keys — ignition switch .. .	1
21	19-1715	49072	Rectifier .. .	1
22	19-1735	54048288	Zener diode .. .	1
23	19-6508	PS.5300/1/07	Switch — oil pressure .. .	1
24	60-2045		Cover — oil pressure switch .. .	1
25	97-4026		Bracket — tachometer mounting .. .	1
26	60-2600		Cup — tachometer mounting .. .	1
27	19-9107		Cable — tachometer drive .. .	1
28	97-4026		Bracket — speedometer mounting .. .	1
29	60-2600		Cup — speedometer mounting .. .	1
30	19-9108		Cable — speedometer drive .. .	1

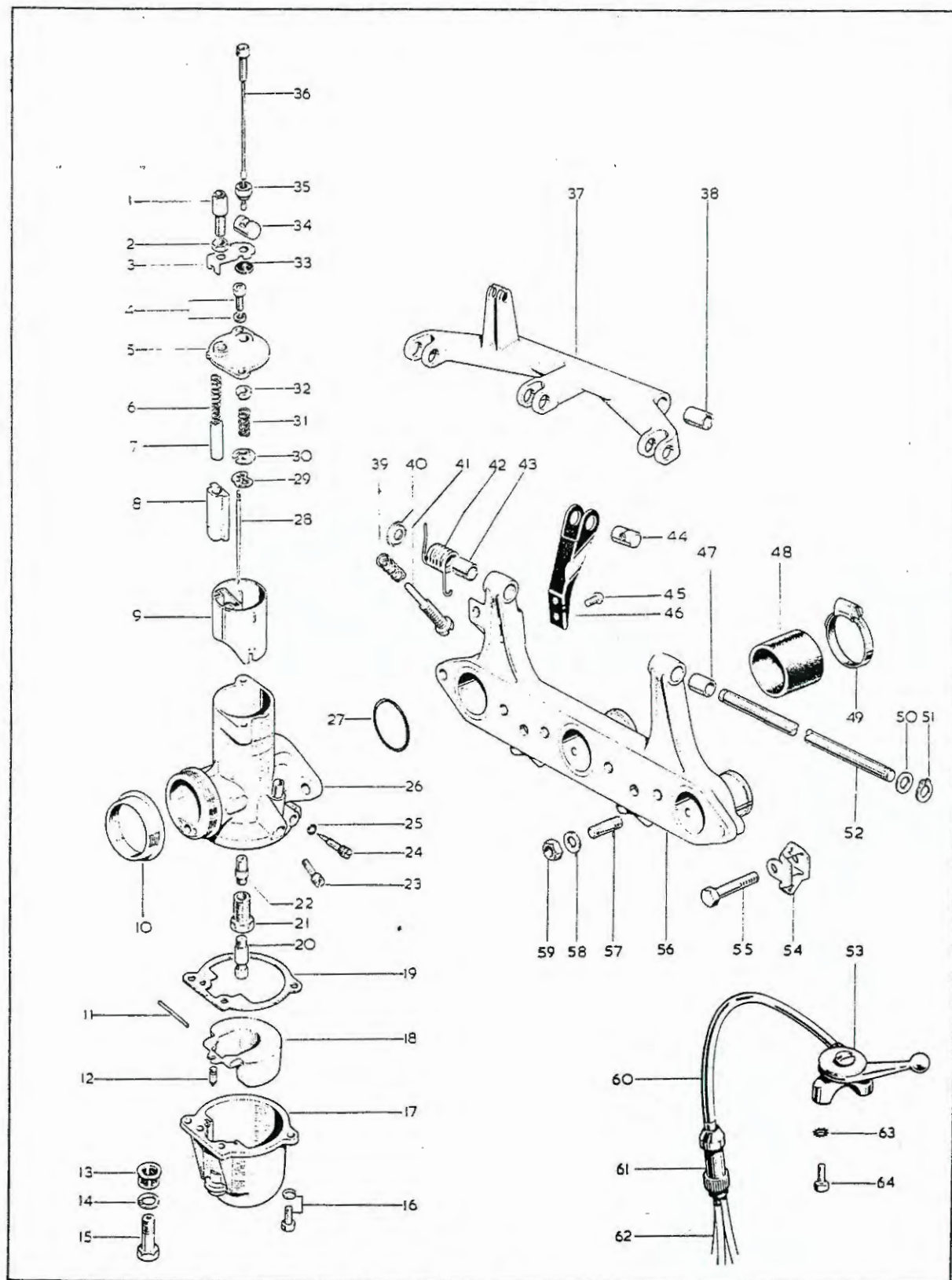
*Home and General Export only.

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



CARBURETTORS — THROTTLE LINKAGE

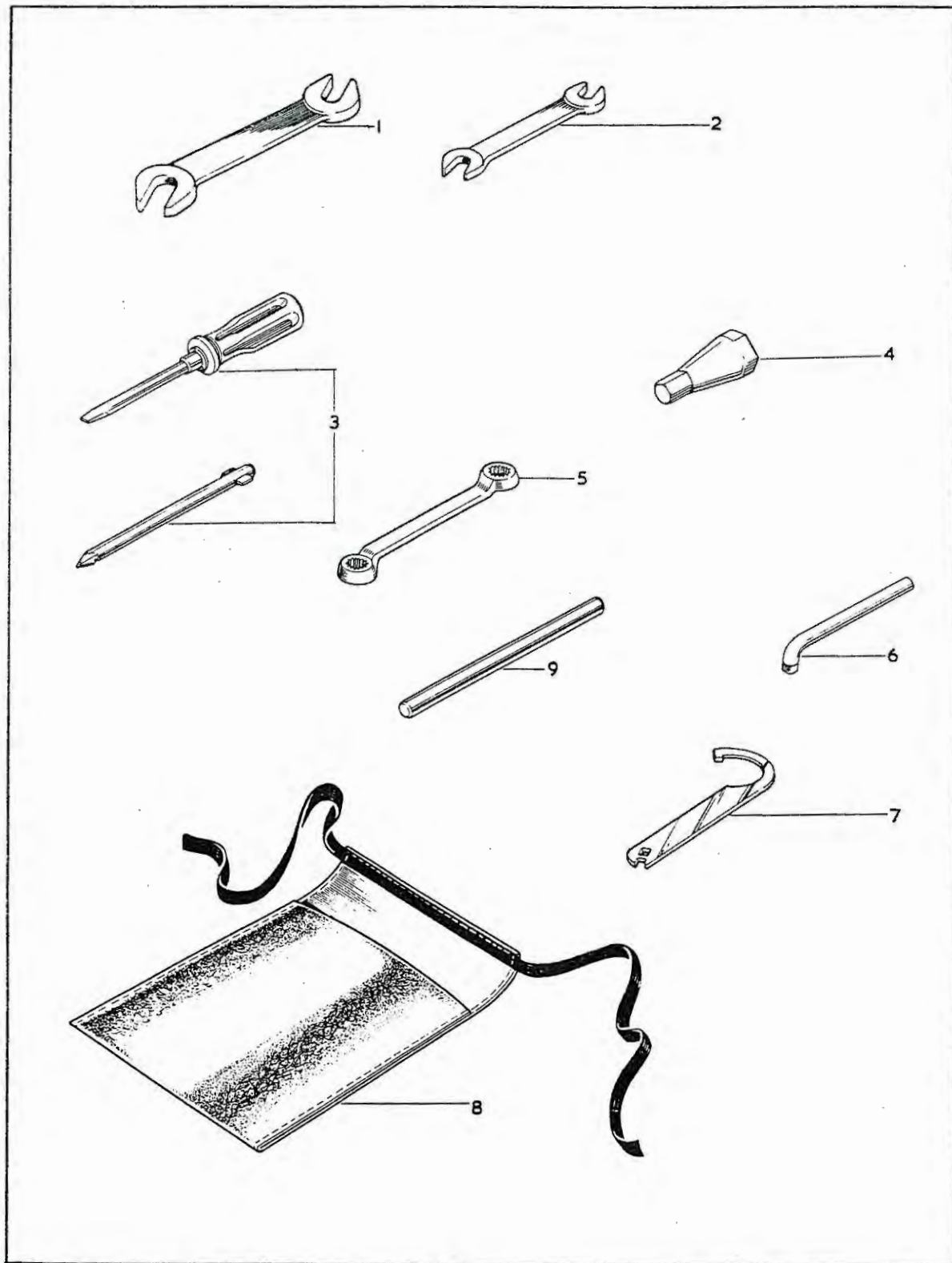
Plate Ref.	Part Number		Description	Per Set
	B.S.A. No.	Makers No.		
1	19-2711	4/035	Adjuster — air cable	3
2		5/077	Locknut — air cable adjuster	3
3		622/125	Locating clip — top cap seal washer	3
4	19-3093	622/086	Screw and washer — top cap fixing	6
5		622/097	Top cap — carburetter body	3
6		622/129	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	Petrol filter	3
14	19-2834	13/163	Washer — fibre. banjo bolt	3
15	19-3103	622/078	Banjo bolt — petrol pipe to float chamber	3
16	19-3093	622/086	Screw and washer — float chamber fixing	6
17	19-3132	622/050	Float chamber	3
18	19-3102	622/069	Float	3
19	19-3106	622/073	Gasket — float chamber	3
20	19-3099	376/100	Main jet (150)	3
21		622/128	Main jet holder	3
22	19-3136	622/122	Needle jet (·106")	3
23		622/133	Screw — throttle valve adjusting	3
24	19-3113	622/076	Screw — pilot air adjusting	3
25	19-3098	622/082	"O" ring — adjusting screws	6
25	19-2409	L.626/48	Carburetter complete (left)	1
25	19-2415	R.626/49	Carburetter complete (centre)	1
26	19-2408	R.626/47	Carburetter complete (right)	1
27	19-3090	622/101	"O" ring — carburetter flange	3
28	19-3137	622/124	Throttle needle	3
29	19-3095	622/067	Clip — throttle needle	3
30	60-1987	622/116	Retaining plate — throttle rod spring	3
31	60-1960	622/113	Spring — throttle rod retaining	3
32	60-1959	622/115	Cap — throttle rod retaining	3



CARBURETTERS — THROTTLE LINKAGE

Plate Ref.	Part Number		Description	Per Set
	B.S.A. No.	Makers No.		
33		622/126	Seal washer — carburetter 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	1
38	70-9073		Bush — throttle arm	2
39	70-9254		Spring — adjuster screw, throttle arm	1
40	70-9821		Retainer — throttle return spring	1
41	70-9252		Adjuster screw — throttle arm	1
42	70-9880		Spring — throttle arm return	1
43	70-9820		Distance piece — throttle return spring	1
44	70-9243		Trunnion — throttle linkage	1
45	21-0774		Screw — support arm to adaptor	2
46	70-9242		Support arm — throttle linkage	1
47	70-9073		Bush — adaptor spindle	2
48	70-9060		Connection tube	3
49			“Jubilee” clip — connection tube	6
50	71-0245		Washer — throttle arm spindle backing	1
51	70-9255		Circlip — throttle arm spindle	1
52	70-9251		Spindle — throttle arm	1
53	60-3567		Lever — air control	1
54	83-3665		Bracket — air control lever	1
55	14-0219		Bolt — air control lever bracket to carburetter adaptor ($\frac{5}{16}$ " UN.F. $\times$ $1\frac{1}{2}$ ")	1
56	71-1303		Carburetter adaptor	1
57	14-1619		Stud — carburetter mounting ($\frac{3}{16}$ " UN.C./UN.F. $\times$ $1\frac{1}{4}$ ")	6
58	54-0055		Washer — carburetter mounting ($.344" \times .625" \times .063"$)	6
59	14-0302		Nut — carburetter mounting ($\frac{5}{16}$ " UN.F.)	6
60	60-3566		Cable — air control, lever to junction box	1
61	60-1978		Junction box — air control cable	1
62	60-2061		Cable — air control, junction box to carburetters	3
63	54-0170		Washer — shakeproof, air control lever fixing bolt	
64	40-3044		Bolt — air control lever to bracket (2 B.A. $\times$ $\frac{3}{4}$ ")	2

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



TOOLS

Plate Ref.	Part No.	Description	Per Set
	60-3351	Toolkit complete	1
1	60-2647	Double open-ended spanner ($\frac{3}{4}$ " $\times$ $\frac{11}{16}$ " A.F.)	1
2	60-3350	Double open-ended spanner ($\frac{11}{16}$ " $\times$ $\frac{9}{16}$ " A.F.)	1
3	60-0767	Screwdriver complete	1
4	60-1910	Spark plug spanner	1
5	60-1907	Double-ended ring spanner ($\frac{7}{16}$ " $\times$ $\frac{1}{2}$ " 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

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