



Rocket

MODEL A75

SPARE PARTS LIST

FROM ENGINE AND FRAME Nos. HD.00101.A75R.

CATALOGUE NUMBER 00-5710

CATALOGUE OF



FOR MODEL A75

ROCKET

ISSUED BY

B.S.A. MOTOR CYCLES LTD.

Service Department, Armoury Road,
Birmingham 11, England.

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TELEGRAMS

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"SELMOTO" BIRMINGHAM

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B.S.A. INCORPORATED
639 PASSAIC AVENUE,
NUTLEY, NEW JERSEY, 07110.

Please Note!

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

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

When ordering components with varying finishes, please state finish required by adding the appropriate number to part number.

Petrol tank, flamboyant red 82-8391/170.

Blue centre, white lining, chrome panels		/268
Flamboyant red, chrome kneegrip, white lining		/277
Flamboyant red, chrome panels, single gold lining		/173
Grey centre, chrome panels, white lining		/270
Flamboyant aircraft blue, chrome panels, single white lining		/228

Blue							/271
Flamboyant red, white lining							/276
Flamboyant red, gold lining							/279
Grey							/274
Flamboyant aircraft blue							/227

Chrome		/3
Black		/7
Silver		/165

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

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

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

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

STEERING LOCK AND KEY

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

PISTON CHART

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

CARBURETTORS AND SETTINGS

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

ASSEMBLIES COMPLETE

<i>Spares No.</i>	<i>Description</i>
00-3172	TOP OVERHAUL GASKET SET.
00-3315	FULL OVERHAUL GASKET SET.
00-3466	PISTON RING SET (standard).
00-3467	PISTON RING SET (.005" oversize).
00-3468	PISTON RING SET (.010" oversize).
00-3469	PISTON RING SET (.020" oversize).
00-3470	PISTON RING SET (.040" oversize).
70-7951	ENGINE UNIT, less carburettors and exhaust system, plus oil pipes and pressure switch.
70-8781	CYLINDER HEAD ASSEMBLY.
70-6529	CYLINDER BLOCK ASSEMBLY.
70-9740	CONNECTING ROD ASSEMBLY.
70-8778	CRANKSHAFT ASSEMBLY.
71-1009	CRANKCASE COMPLETE, drive-side, centre and timing-side.
70-9001	OIL PUMP COMPLETE.
19-7800	CLUTCH ASSEMBLY COMPLETE.
57-3871	PRIMARY DRIVE SHOCK ABSORBER ASSEMBLY.
82-9773	FRAME COMPLETE.
82-9963	SWINGING ARM COMPLETE.
97-3911	FRONT FORK ASSEMBLY COMPLETE.
37-3312	FRONT WHEEL COMPLETE, with spindle and bearings, less brake parts.
37-3461	FRONT BRAKE ANCHOR PLATE ASSEMBLY.
37-3317	FRONT HUB COMPLETE, with spindle and bearings, less brake parts.
37-3622	REAR WHEEL COMPLETE, with spindle and bearings, less brake parts.
37-3623	REAR HUB COMPLETE, with spindle and bearings, less brake parts.
37-3608	REAR BRAKE ANCHOR PLATE ASSEMBLY.

INDEX

	<i>Page</i>
CYLINDER HEAD, ROCKER BOXES, EXHAUST PIPES	8 - 11
CYLINDER, PISTONS AND CRANKSHAFT	12 - 13
CRANKCASE AND TIMING GEARS	14 - 17
INNER PRIMARY COVER, OIL PUMP AND GEARS	18 - 19
CLUTCH	20 - 21
PRIMARY CASE OUTER COVER, CHAIN TENSIONER, CLUTCH CONTROL ..	22 - 23
GEARBOX	24 - 25
GEARBOX COVER, GEARCHANGE AND KICKSTART CRANK ..	26 - 27
FRAME	28 - 29
SWINGING ARM, CENTRE STAND, PROP STAND	30 - 31
STEERING HEAD	32 - 33
FRONT FORKS	34 - 35
FRONT WHEEL	36 - 37
REAR WHEEL	38 - 39
HANDRAIL, MUDGUARDS, CHAINGUARD	40 - 43
PETROL TANK, HANDLEBAR AND CONTROLS	44 - 47
TWINSEAT, SIDECOVERS, SILENCERS	48 - 49
TOOLBOX, BATTERY CARRIER, AIR CLEANER	50 - 51
OIL TANK AND OIL COOLER	52 - 53
ELECTRICAL EQUIPMENT	54 - 57
CARBURETTORS AND THROTTLE LINKAGE	58 - 59
TOOL KIT	60 - 61

Plate 1

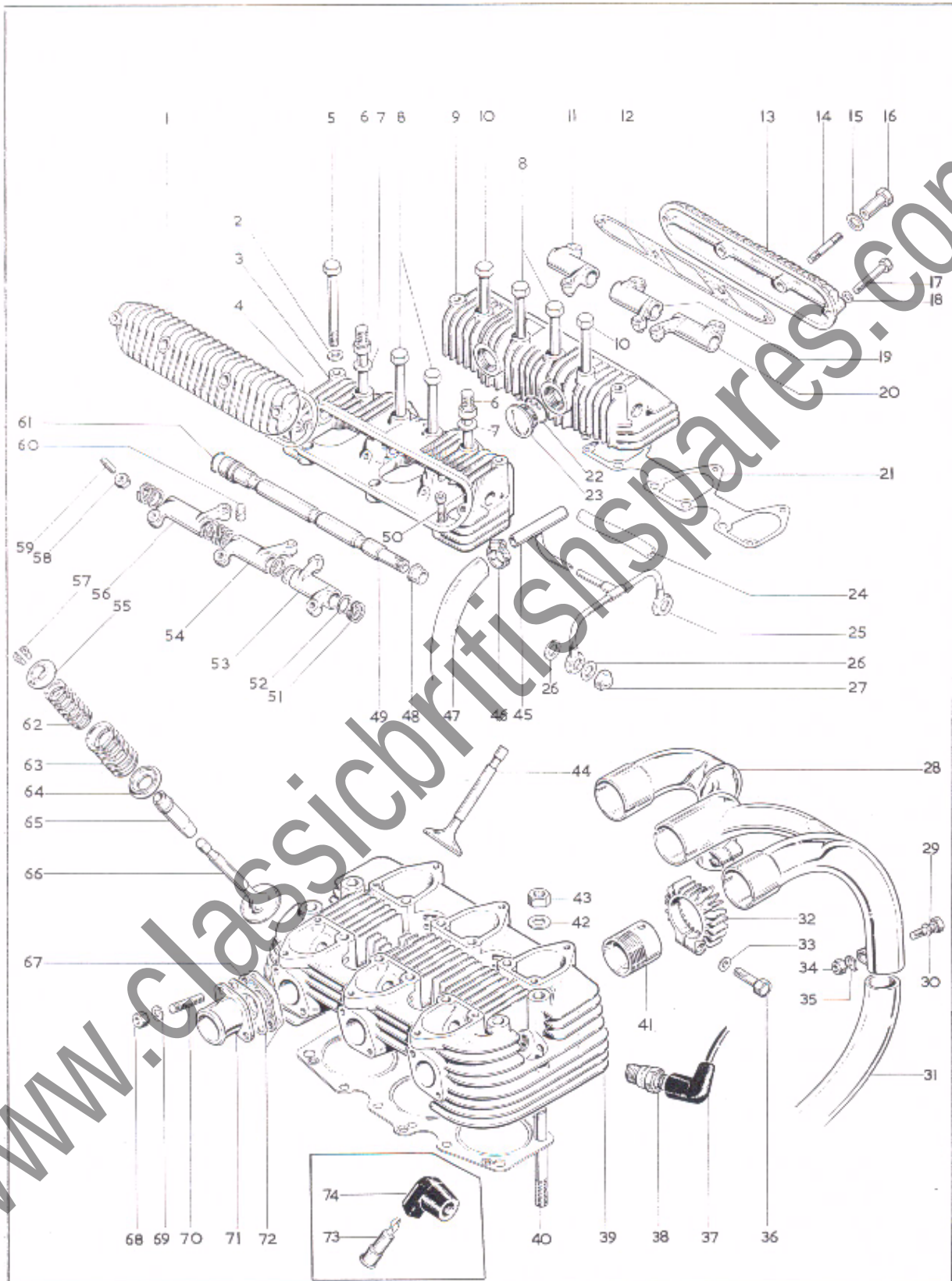


Plate 1

CYLINDER HEAD, ROCKER BOXES, EXHAUST PIPES

Plate Ref.	Spares Number	Description	Per Set
1.	70-6563	Inlet rocker box cover	
2.	54-9081	Washer, for bolt 14-6211	4
3.	70-6561	Inlet rocker box	
4.	70-6565	Rocker box cover gasket	
5.	14-6211	Bolt, rocker box to cylinder head ($\frac{1}{4}$ " U.N.C. $\times$ 3")	4
6.	71-0280*	Bolt, rocker box to barrel steady stay ($\frac{3}{8}$ " $\times$ $\frac{5}{16}$ " U.N.F. $\times$ 4 $\frac{1}{2}$ ")	2
7.	70-9240	Washer for bolt lines 6, 8 and 10 ($\frac{5}{8}$ " $\times$ 21/64" $\times$ 3/32")	8
8.	70-8820*	Bolt, rocker box to barrel (short)	4
9.	70-6562	Exhaust rocker box	
10.	70-8819*	Bolt, rocker box to barrel (long)	2
11.	71-1290	Exhaust rocker, drive-side	
12.	70-6565	Rocker box cover gasket	
13.	70-6564	Exhaust rocker box cover	
14.	14-1401	Stud (long), rocker box cover ($\frac{1}{4}$ " U.N.C./U.N.F. $\times$ 1 $\frac{1}{8}$ ")	4
15.	70-9239	Washer, cover fixing nut (9/16" $\times$ 25/64" $\times$ $\frac{1}{16}$ ")	4
16.	70-9237	Sleeve nut, cover fixing	4
17.	14-0202	Bolt, rocker box cover ($\frac{1}{4}$ " U.N.F. $\times$ 1 $\frac{1}{8}$ ")	4
18.	54-9081	Washer, for bolt line 17	4
19.	71-1288	Exhaust rocker, centre	
20.	71-1287	Exhaust rocker, timing-side	
21.	70-8773	Rocker box gasket	2
22.	70-8782	"O" ring, inspection cap	4
23.	57-2166	Rocker box inspection cap	4
24.	71-1175	Connecting tube, oil feed pipes	
25.	71-1168	Rocker oil pipe, rocker spindle	
26.	40-0159	Washer, oil pipe banjo	4
27.	21-0550	Domed nut, oil pipe to rocker spindles ($\frac{3}{8}$ " U.N.F.)	2
28.	71-1157	Exhaust manifold	
29.	14-0205	Bolt, exhaust pipe to manifold ($\frac{1}{4}$ " U.N.F. $\times$ 1 $\frac{1}{2}$ ")	2
30.	54-9081	Washer, exhaust pipe to manifold bolt	4
31.	70-9460	Exhaust pipe, left-hand	
31.	70-9461	Exhaust pipe, right-hand	
32.	70-6743	Finned collar, exhaust pipe	3
33.	70-8860	Spherical washer, finned collar	3
34.	14-1201	Nut, for bolt line 29 ($\frac{1}{4}$ " U.N.F.)	2
35.	70-9626	Cap, for bolt line 29	4
36.	70-6744	Bolt, finned collar ($\frac{5}{16}$ " U.N.F. $\times$ 1 $\frac{3}{16}$ ")	3
37.	19-7638	Spark plug cover (Ripault)	3
38.	19-7606	Spark plug (Champion N3)	3

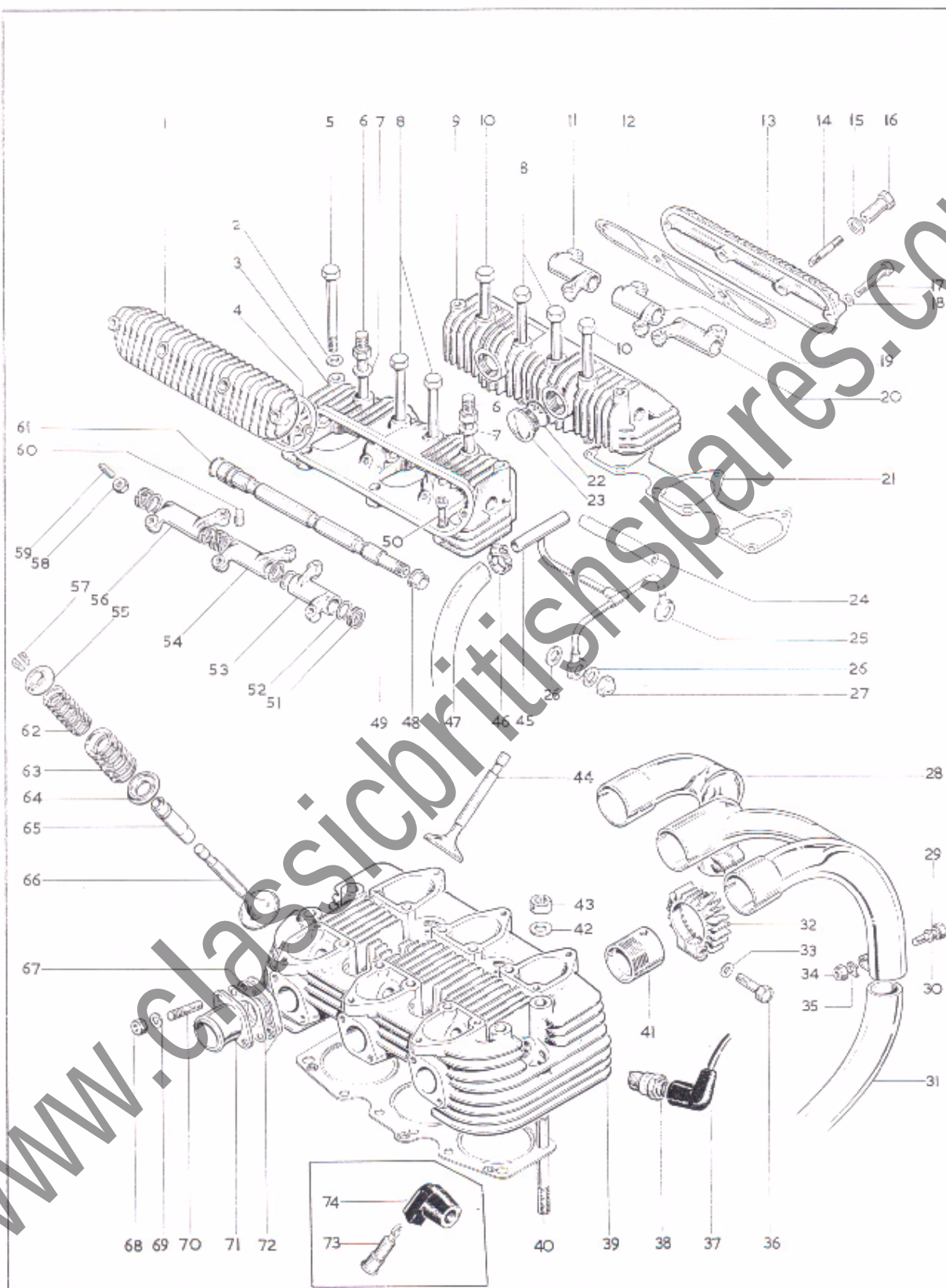


Plate 1—contd.

CYLINDER HEAD, ROCKER BOXES, EXHAUST PIPES

Plate Ref.	Spares Number	Description	Per Set
39.	70-8781	Cylinder head with fixed fittings	
40.	21-0686*	Stud, head to barrel ($\frac{3}{8}$ " U.N.C./U.N.F. $\times 4\frac{3}{4}$ ")	4
41.	70-9510	Exhaust pipe adaptor	3
42.	02-0861	Washer, head to barrel stud ($\frac{3}{8}$ " $\times \frac{3}{4}$ " $\times 3/32$ ")	4
43.	14-0303	Nut, head to barrel stud ($\frac{3}{8}$ " U.N.F.)	4
44.	70-6423	Exhaust valve	3
45.	71-1172	Rocker oil pipe, engine to cooler	
46.	60-0702	Clip, flexible oil pipe to rockers	2
47.	70-8905	Flexible oil pipe to rockers	
48.	70-6018	Bush, rocker spindle (timing-side)	2
49.	70-9558	Rocker spindle assembly	2
50.	14-7004	Screw, rocker box to cylinder head ($\frac{1}{4}$ " U.N.C. $\times \frac{3}{4}$ ")	6
51.	40-0156	Spring washer, rocker spindle ($\frac{3}{4}$ " $\times 33/64$ " $\times 1/32$ ")	6
52.	40-0158	Washer, rocker spindle ($\frac{1}{2}$ ")	12
53.	71-1288	Inlet rocker, timing-side	
54.	71-1287	Inlet rocker (centre)	
55.	70-8720	Top collar, valve spring	6
56.	71-1289	Inlet rocker, drive-side	
57.	40-0167	Split collet, valve spring	12
58.	14-0402	Adjusting pin nut, rocker lever ($\frac{3}{16}$ " U.N.F.)	6
59.	70-8783	Adjusting pin, rocker lever	6
60.	71-0070	Rocker ball pin	6
61.	75-0124	"O" ring, drive-side bush	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	Inlet valve	3
67.	70-8981	Stub insulating washer (Tufnol)	3
68.	14-0301	Nut, stub to cylinder head ($\frac{1}{4}$ " U.N.F.)	6
69.	40-2705	Spring washer, stub to cylinder head ($17/64$ " $\times 15/32$ " $\times \frac{1}{16}$ ")	6
70.	21-0557	Stud, stub to cylinder head ($\frac{1}{4}$ " U.N.F./U.N.C. $\times 1-5/32$ ")	6
71.	70-7983	Stub, cylinder head	3
72.	70-8784	Gasket, carburettor adaptor	6
73.	19-2199†	Spark plug Suppressor (Champion X187)	3
74.	19-7621†	Spark plug cover (Champion WC187)	3

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

†Except U.S.A.

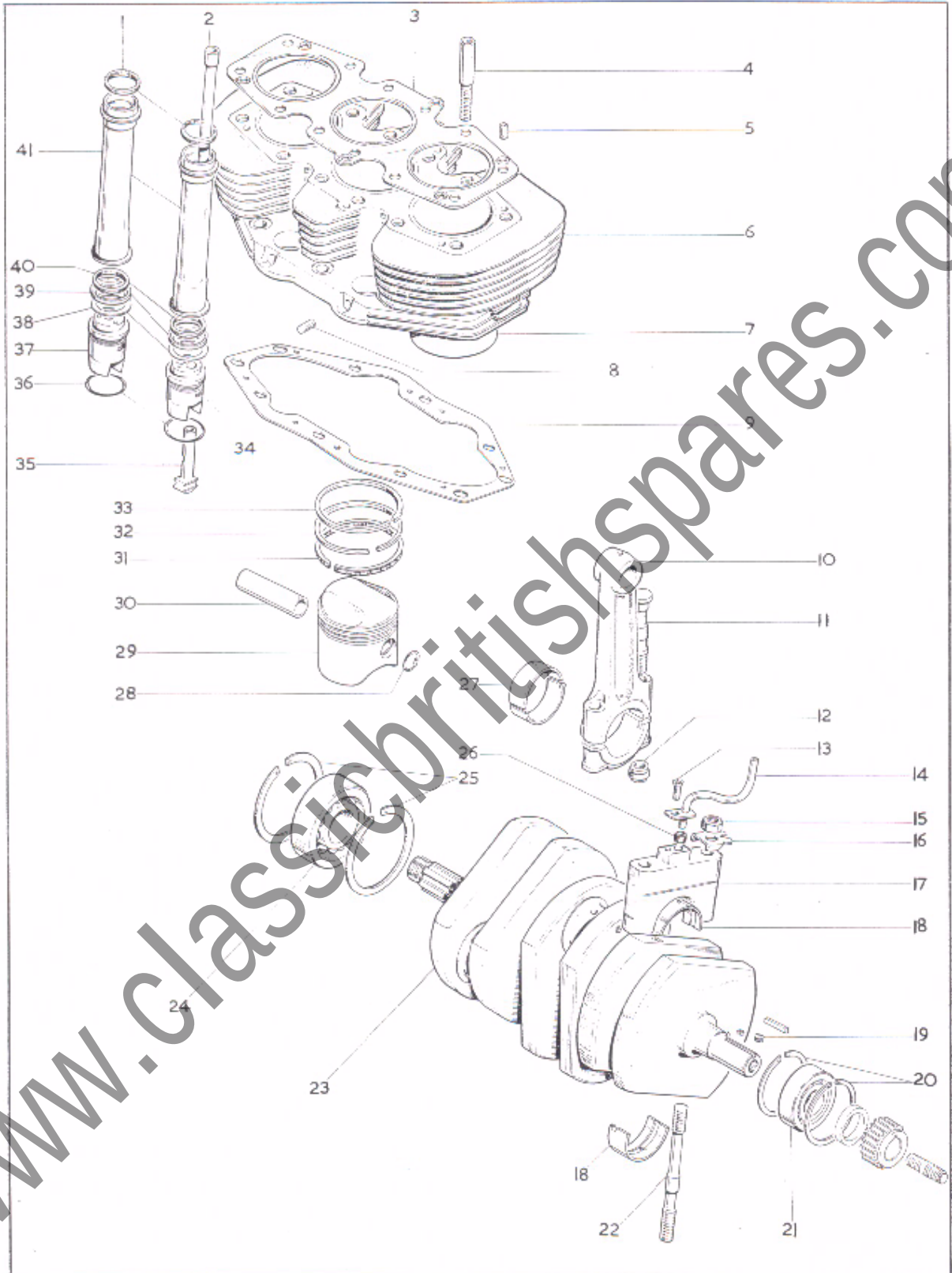


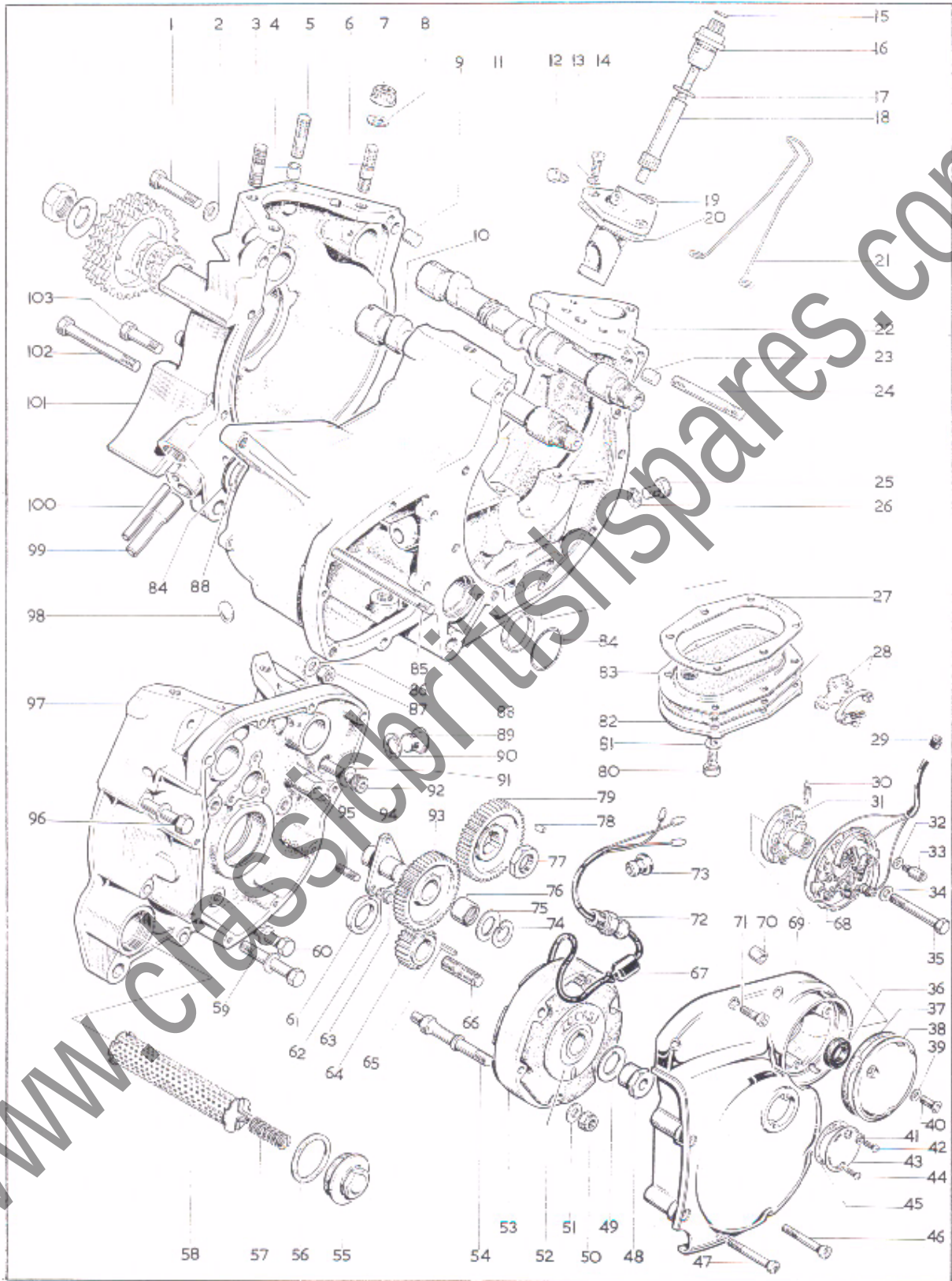
Plate 2

CYLINDER, PISTONS AND CRANKSHAFT

Plate Ref.	Spares Number	Description	Per Set
1.	70-4752	Joint washer, push rod cover (top)	4
2.	71-1238	Push rod, inlet and exhaust	6
3.	71-1176	Cylinder head gasket	8
4.	70-8817*	Stud, cylinder barrel	6
5.	70-1532	Dowel, cylinder head to barrel	3
6.	70-6529	Cylinder barrel assembly	4
7.	70-8914	Cylinder barrel liner	3
8.	70-9465	Dowel, tappet block	4
9.	70-6496	Cylinder base gasket	3
10.	70-9740	Connecting rod complete	6
11.	70-9727*	Connecting rod bolt ($\frac{5}{16}$ " U.N.F. $\times$ 2-37/64")	6
12.	21-2016	Nut, connecting rod bolt ($\frac{5}{16}$ " U.N.F.)	6
13.	40-0242	Screw, oil pipe to bearing cap (2 B.A. $\times$ 27/64" countersunk)	2
14.	70-8746	Tappet oil feed pipe, drive-side	4
14.	70-8748	Tappet oil feed pipe, timing-side	4
15.	14-0303	Locknut, bearing cap ($\frac{3}{8}$ " U.N.F.)	4
16.	71-1129	Tab washer, bearing cap nut	4
17.	70-7423	Main bearing cap	2
18.	70-6023	Main bearing shell (standard)	4
18.	70-9027	Main bearing shell (.010" undersize)	4
18.	70-9028	Main bearing shell (.020" undersize)	4
18.	70-9029	Main bearing shell (.030" undersize)	4
18.	70-9030	Main bearing shell (.040" undersize)	4
19.	70-6577	Crankshaft oilway plug	3
20.	70-6026	Bearing circlip, timing-side	2
21.	70-8780	Crankshaft bearing, timing-side (Hoffman R.125)	4
22.	70-8745*	Stud, main bearing cap ($\frac{3}{8}$ " U.N.F./U.N.C. $\times$ 4 $\frac{7}{8}$ ")	4
23.	70-8778	Crankshaft assembly	2
24.	70-1591	Crankshaft bearing, drive-side (Hoffman MS.11)	2
25.	70-6025	Bearing circlip, drive-side	4
26.	70-9843	Rubber seal, tappet feed pipe	6
27.	70-5998	Shell bearing, connecting rod (standard)	6
27.	70-9023	Shell bearing, connecting rod (.010" undersize)	6
27.	70-9024	Shell bearing, connecting rod (.020" undersize)	6
27.	70-9025	Shell bearing, connecting rod (.030" undersize)	6
27.	70-9026	Shell bearing, connecting rod (.040" undersize)	6
28.	70-6840	Gudgeon pin circlip	6
29.	70-9741†	Piston complete (standard)	3
30.	70-6836	Gudgeon pin	3
31.	70-9739†	Piston scraper ring (standard)	3
32.	70-6838†	Piston compression ring, centre (standard)	3
33.	70-6838†	Piston compression ring, top (standard)	3
34.	70-6509	Tappet block, timing-side	2
35.	70-8917	Inlet and exhaust tappet	6
36.	70-6560	"O" ring, tappet block	4
37.	70-6508	Tappet block, drive-side	2
38.	71-1190	Gasket, push rod cover tube	4
39.	70-4746	Cup, push rod cover (bottom)	4
40.	70-4752	Joint washer, push rod cover (bottom)	4
41.	70-6955	Push rod cover	4

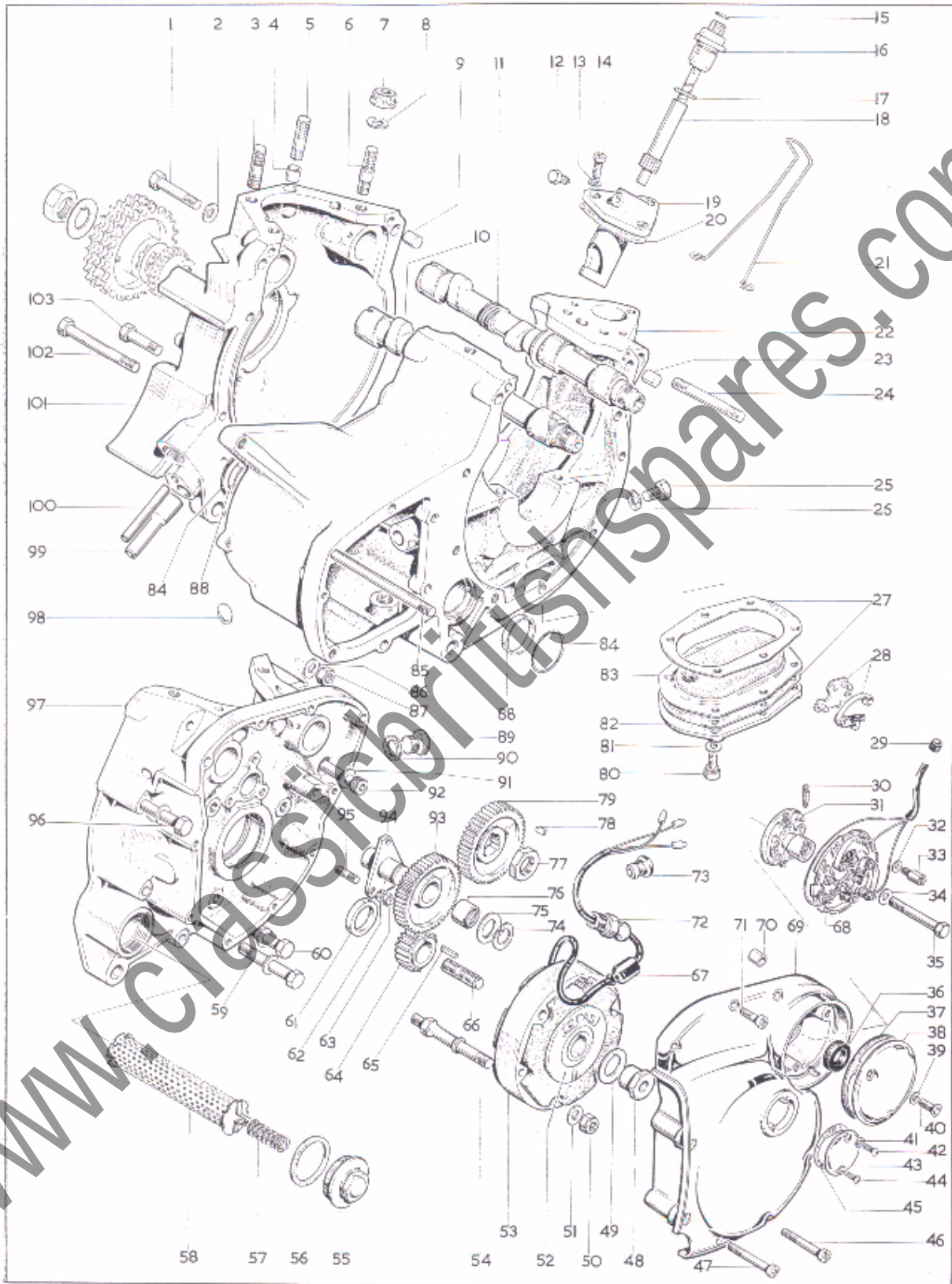
*Special material: 4.—EN8R. 11.—3AE.4042, condition $\times$ 75 ton. 22.—EN16.

†See page 5.



CRANKCASE AND TIMING GEARS

Plate Ref.	Spares Number	Description	Per Set
1.	14-6220	Bolt, crankcase ($\frac{5}{16}$ " U.N.C. $\times$ $1\frac{3}{4}$ ")	2
2.	54-0055	Washer, crankcase bolt ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	8
3.	21-1931*	Stud, cylinder base ($\frac{3}{8}$ " U.N.C./U.N.F. $\times$ $1\frac{3}{4}$ ")	4
4.	70-8751	Dowel, cylinder base	2
5.	70-8738*	Stud, cylinder base dowel ($\frac{3}{8}$ " U.N.F. $\times$ $1-13/16$ ")	2
6.	21-1912*	Stud, cylinder base ($\frac{3}{8}$ " U.N.C./U.N.F. $\times$ $1\frac{5}{8}$ ")	4
7.	21-0692	Nut, cylinder base stud (12 point $\frac{3}{8}$ " U.N.F.)	10
8.	70-8770	Washer, for nut line 7	10
9.	70-8774	Dowel, drive-side	2
10.	70-8764	Inlet camshaft	-
11.	70-8765	Exhaust camshaft	-
12.	70-8744	Locating bolt ($\frac{1}{4}$ " U.N.C. $\times$ $13/32$ ")	-
13.	90-0252	Washer, for screw line 14	2
14.	14-6606	Screw, tachometer housing to crankcase ($\frac{1}{4}$ " U.N.C. $\times$ $\frac{3}{4}$ ")	3
15.	70-6299	"O" ring, driven gear	-
16.	70-8742	Bearing housing, tachometer drive	-
17.	40-0323	"O" ring, tachometer drive	-
18.	70-8741	Driven gear, tachometer drive	-
19.	70-8740	Driven gear housing, tachometer drive	-
20.	70-8739	Gasket, tachometer drive	-
21.	70-9706	Support wire, tachometer cable	-
22.	71-1000†	Crankcase, centre section	-
23.	70-8774	Dowel, timing-side	2
24.	14-1427	Stud, crankcase ($\frac{5}{16}$ " U.N.C./U.N.F. $\times$ 3 ")	2
25.	14-6113	Oilway plug ($\frac{5}{16}$ " U.N.C. $\times$ $\frac{5}{8}$ ")	2
26.	70-8776	Oilway plug washer	2
27.	70-6516	Scavenge cover gasket	2
28.	19-1865	Contact set (Lucas 54419828)	-
29.	70-8756	Grommet, contact breaker leads	-
30.	19-1888	Spring, auto-advance unit (Lucas 54417992)	2
31.	19-1864	Auto-advance unit (Lucas 54419867)	-
32.	70-6559	Washer, contact breaker plate	3
33.	70-6521	Pillar bolt, contact breaker plate (2 B.A. $\times$ $1-5/32$ ")	3
34.	68-0331	Washer, auto-advance bolt line 35	-
35.	14-0208	Bolt, auto-advance unit ($\frac{1}{4}$ " U.N.F. $\times$ $2\frac{1}{4}$ ")	-
36.	76-0291	Oil seal, contact breaker	-
37.	70-6572	Cover gasket, contact breaker	-
38.	70-6519	Contact breaker cover	-
39.	54-0170	Washer, cover screw line 40	3
40.	54-9012	Screw, contact breaker cover (2 B.A. $\times$ $13/32$ ")	3
41.	70-9266	Washer, for screw lines 42 and 44	2
42.	71-1130	Screw, timing aperture (4 B.A. $\times$ $\frac{5}{16}$ ")	-
43.	70-7879	Cover, timing aperture	-
44.	71-0006	Pointer screw, timing aperture (4 B.A. $\times$ $11/16$ ")	-
45.	70-7880	Gasket, timing aperture	-
46.	14-6611	Screw, timing cover ($\frac{1}{4}$ " U.N.C. $\times$ $1\frac{3}{4}$ ")	-
47.	14-6612	Screw, timing cover ($\frac{1}{4}$ " U.N.C. $\times$ 2 ")	4
48.	70-8763	Nut, rotor mounting ($\frac{5}{16}$ " U.N.F.)	-
49.	75-0223	Lockwasher, rotor mounting	-
50.	21-1852	Locknut, stator mounting ($\frac{5}{16}$ " U.N.F.)	3
51.	54-0055	Washer, stator mounting ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	3
52.	19-1260	Alternator rotor (Lucas 54213902)	-
53.	19-1259	Alternator stator (Lucas 47209)	-
54.	70-6522*	Stud, stator mounting ($\frac{5}{16}$ " U.N.F. $\times$ 3 ")	3



CRANKCASE AND TIMING GEARS

Plate Ref.	Spares Number	Description	Per Set
55.	71-1270	Cap, main oil filter	
56.	71-1070	"O" ring, filter cap	
57.	70-6130	Spring, filter mounting	
58.	70-6571	Main oil filter (Fram CA.2818)	
59.	14-6226	Bolt, crankcase clamping ($\frac{5}{16}$ " U.N.C. $\times$ $3\frac{1}{4}$ ")	4
60.	14-6218	Bolt, crankcase clamping ($\frac{5}{16}$ " U.N.C. $\times$ $1\frac{3}{8}$ ")	4
61.	70-6173	Distance piece, timing pinion	
62.	54-0022	Washer, gear spindle stud nut	3
63.	14-0401	Locknut, gear spindle stud ($\frac{1}{4}$ " U.N.F.)	3
64.	70-6524	Timing pinion, crankshaft	
65.	70-3974	Key, crankshaft pinion and rotor	
66.	21-0548*	Stud, crankshaft ($\frac{7}{16}$ " U.N.F./U.N.F. $\times$ $1\frac{3}{8}$ ")	
67.	68-0209	Grommet, for cable seal nut	
68.	19-1863	Contact breaker plate (Lucas 54419327)	
69.	70-7738	Timing gear cover	
70.	76-0217	Dowel, timing cover	2
71.	14-6608	Screw, timing cover to crankcase ($\frac{1}{4}$ " U.N.C. $\times$ 1")	5
72.	70-8760	Cable sleeve nut	
73.	70-9807	Grommet, alternator leads	
74.	70-8768	Circlip, intermediate gear	
75.	70-6088	Thrust washer, intermediate gear	
76.	70-7650	Needle bearing (Torrington B.1110)	
77.	70-6523	Nut, camshaft pinion	2
78.	70-1558	Key, camshaft pinion	2
79.	70-9802	Camshaft pinion	2
80.	14-6104	Bolt, scavenge cover ($\frac{1}{4}$ " U.N.C. $\times$ $\frac{1}{2}$ ")	6
81.	54-0022	Spring washer, scavenge cover bolt	6
82.	70-6580	Scavenge cover	
83.	70-6501	Scavenge cover filter	
84.	70-8779	"O" ring, filter seal	2
85.	21-1813	Stud, gearbox cover ($\frac{7}{16}$ " U.N.C./U.N.F. $\times$ $4\frac{3}{4}$ ")	2
86.	54-0055	Washer, crankcase stud ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	2
87.	14-0302	Nut, crankcase stud ($\frac{5}{16}$ " U.N.F.)	2
88.	70-9856	Sleeve, for filter "O" ring	2
89.	70-8755	Plug, timing aperture	
90.	70-1523	Fibre washer, for plug line 89	
91.	54-0055	Washer, crankcase bolt ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	7
92.	21-0678	Socket screw, crankcase clamping ($\frac{5}{16}$ " U.N.C. $\times$ $3\frac{7}{8}$ ")	
93.	70-6727	Intermediate gear complete	
94.	70-6030	Intermediate gear spindle	
95.	21-0547	Stud, intermediate gear spindle ($\frac{1}{4}$ " U.N.C./U.N.F. $\times$ $\frac{7}{8}$ ")	3
96.	14-6223	Bolt, crankcase clamping ($\frac{5}{16}$ " U.N.C. $\times$ $2\frac{1}{2}$ ")	
97.	70-7737†	Crankcase, timing-side	
98.	57-1920	Blanking plug	
99.	70-6573	Oil return pipe stub	
100.	70-6574	Oil feed pipe stub	
101.	71-1050†	Crankcase, drive-side	
102.	14-6226	Bolt, crankcase clamping ($\frac{5}{16}$ " U.N.C. $\times$ $3\frac{1}{4}$ ")	5
103.	14-6218	Bolt, crankcase clamping ($\frac{5}{16}$ " U.N.C. $\times$ $1\frac{3}{8}$ ")	

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

†Supplied only as crankcase complete, number 71-1009.

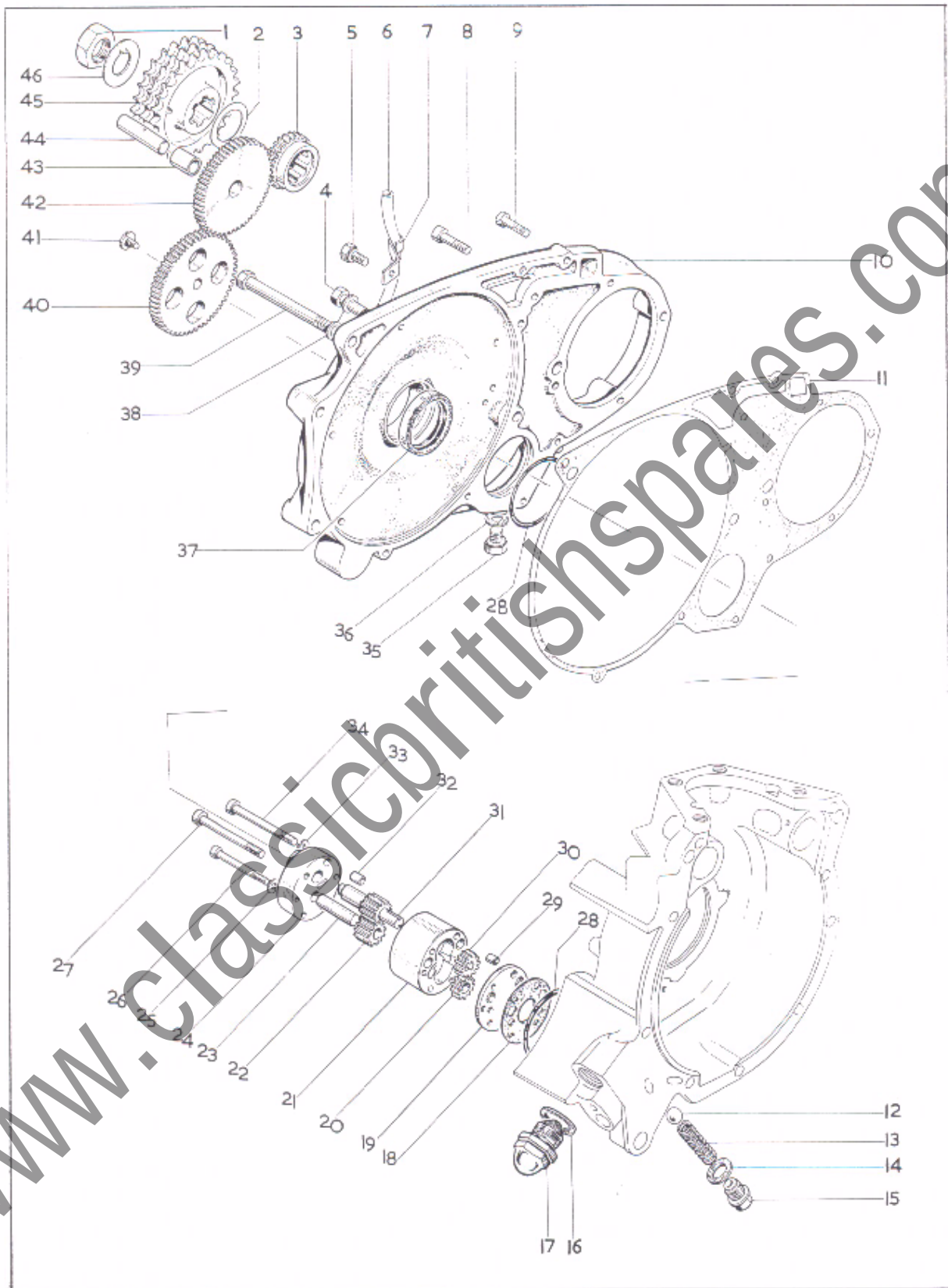


Plate 4

INNER PRIMARY COVER, OIL PUMP AND GEARS

Plate Ref.	Spares Number	Description	Per Set
1.	21-0585	Nut, engine sprocket ($\frac{3}{4}$ " U.N.F.)	
2.	70-9634	Shim, engine sprocket (as required, maximum 4)	
3.	70-7248	Driving gear, oil pump	
4.	21-1820	Bolt, inner cover to crankcase ($\frac{5}{16}$ " U.N.C. $\times$ $4\frac{1}{2}$ ")	
5.	14-6101	Bolt, chain oiler clip ($\frac{1}{4}$ " U.N.C. $\times$ $\frac{1}{2}$ ")	
6.	70-8786	Chain oiler pipe	
7.	70-4705	Clip, chain oiler pipe	
8.	14-7006	Socket screw, inner cover to crankcase ($\frac{1}{4}$ " U.N.C. $\times$ 1")	7
9.	14-6606	Screw (short), inner cover to crankcase ($\frac{1}{4}$ " U.N.C. $\times$ $\frac{3}{4}$ ")	2
10.	57-4018	Inner primary cover with fixed fittings	
11.	57-2558	Gasket, inner cover to crankcase	
12.	70-8750	Ball, oil control valve ($\frac{7}{16}$ " diameter, 11.1125 mm.)	
13.	70-6567	Spring, oil control valve	
14.	70-6742	Fibre washer, oil control valve	
15.	70-6584	Plug, oil control valve	
16.	70-9737	Fibre washer, valve body to crankcase	
17.	70-6595	Oil pressure release valve complete	
18.	70-6503	Gasket, oil pump to crankcase	
19.	70-6502	Oil pump base plate	
20.	70-6038	Oil pump driven feed gear	
21.	70-6430	Oil pump body	
22.	70-6039	Oil pump driven scavenge gear	
23.	70-6454	Spindle, for driven gears	
24.	70-6525	Oil pump cover	
25.	70-8731	Spring washer, oil pump cover screw line 30 ($11/64$ " $\times$ 18 G.)	2
26.	21-0559	Screw, oil pump cover to body (2 B.A. $\times$ 2")	2
27.	71-0003	Screw, oil pump to crankcase (2 B.A. $\times$ $2\frac{1}{4}$ ")	3
28.	70-6570	Seal, oil pump to crankcase and cover	2
29.	70-1532	Dowel, oil pump to crankcase	
30.	70-6455	Oil pump feed driving gear	
31.	70-6889	Oil pump scavenge driving gear	
32.	70-6459	Dowel, oil pump cover to body	
33.	70-8732	Spring washer, oil pump screw line 34 ($13/64$ " $\times$ 16 G.)	4
34.	70-9601	Screw, oil pump to crankcase — dowel position (2 B.A. $\times$ $2\frac{3}{4}$ ")	
35.	21-0536	Drain plug	
36.	70-0402	Fibre washer, drain plug	
37.	57-3642	Oil seal, clutch shaft	
38.	54-0055	Washer, inner cover to crankcase bolt ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	2
39.	21-1819	Bolt (long), inner cover to crankcase ($\frac{5}{16}$ " U.N.C. $\times$ $4\frac{1}{4}$ ")	
40.	70-7249	Oil pump driven gear	
41.	70-7250	Screw, driven gear to scavenge gear (2 B.A. $\times$ $\frac{3}{8}$ ")	
42.	70-7246	Intermediate gear, oil pump drive	
43.	70-6885	Bush, intermediate oil pump gear	
44.	71-1051	Intermediate gear spindle	
45.	70-6890	Engine sprocket (28 teeth)	
46.	70-8725	Lockwasher, engine sprocket	
	70-9001	Oil pump complete	



Plate 5

CLUTCH

Plate Ref.	Spares Number	Description	Per Set
1.	57-4004	Retaining plate, shock absorber	
2.	57-3644	Oil seal, clutch pull rod	
3.	57-2480	Nut, shock absorber	
4.	57-2478	Spacer, shock absorber nut	
5.	68-3282	Shock absorber rubber	12
6.	19-8692	Primary chain (Triplex, 82 pitch)	
7.	57-3643	Needle bearing, clutch shaft (INA. SC.228)	
8.	57-2581	Gasket, inner cover to outer cover	
9.	57-2245	Clutch sprocket (50T)	
10.	57-2214	Thrust washer, clutch sprocket	
11.	57-2471	Spider, clutch shock absorber	
12.	57-3646	Thrust race, clutch shaft (Torrington NTA.2233)	
13.	57-3941	Tab washer for bolt line 14	3
14.	57-3940	Bolt, shock absorber retaining plate (2 B.A. $\times \frac{5}{8}$ ")	6
15.	19-7801	Clutch end cover assembly	
16.	19-7805	Clutch spring	
17.	19-7804	Clutch pressure plate complete	
18.	19-7803	Clutch friction plate	
19.	68-3218	Key, hub to mainshaft	
20.	57-2580	Clutch hub	
21.	57-2556	Gasket, breather duct	
22.	57-2555	Breather duct cover	
23.	14-6515	Screw, cover to inner chaincase ($\frac{1}{4}$ " U.N.C. $\times 4$ ")	
24.	21-0680	Screw, cover to clutch cover (number 10 U.N.C. $\times \frac{5}{8}$ ")	3
25.	57-3756	Adaptor for oil tank breather pipe	
26.	57-3642	Oil seal, cover to mainshaft	
27.	57-2554	Clutch cover	
28.	14-6610	Screw, cover to crankcase ($\frac{1}{4}$ " U.N.C. $\times 1\frac{1}{2}$ ")	3
29.	57-2557	Tube, clutch cover	
30.	21-0681	Nut, hub to mainshaft (9/16" U.N.F.)	
31.	19-7802	Clutch housing	
32.	57-2552	Clutch pull rod	
33.	19-7808	Bearing, clutch pressure plate	
34.	19-7807	Lockwasher, end cover to housing bolt	6
35.	19-7806	Bolt, end cover to housing	12
36.	57-2479	Sleeve, mainshaft oil seal	
	19-7800	Clutch assembly complete	
	19-7809	Facing pack for friction plate (3SC.76014)	
	57-3871	Shock absorber assembly	

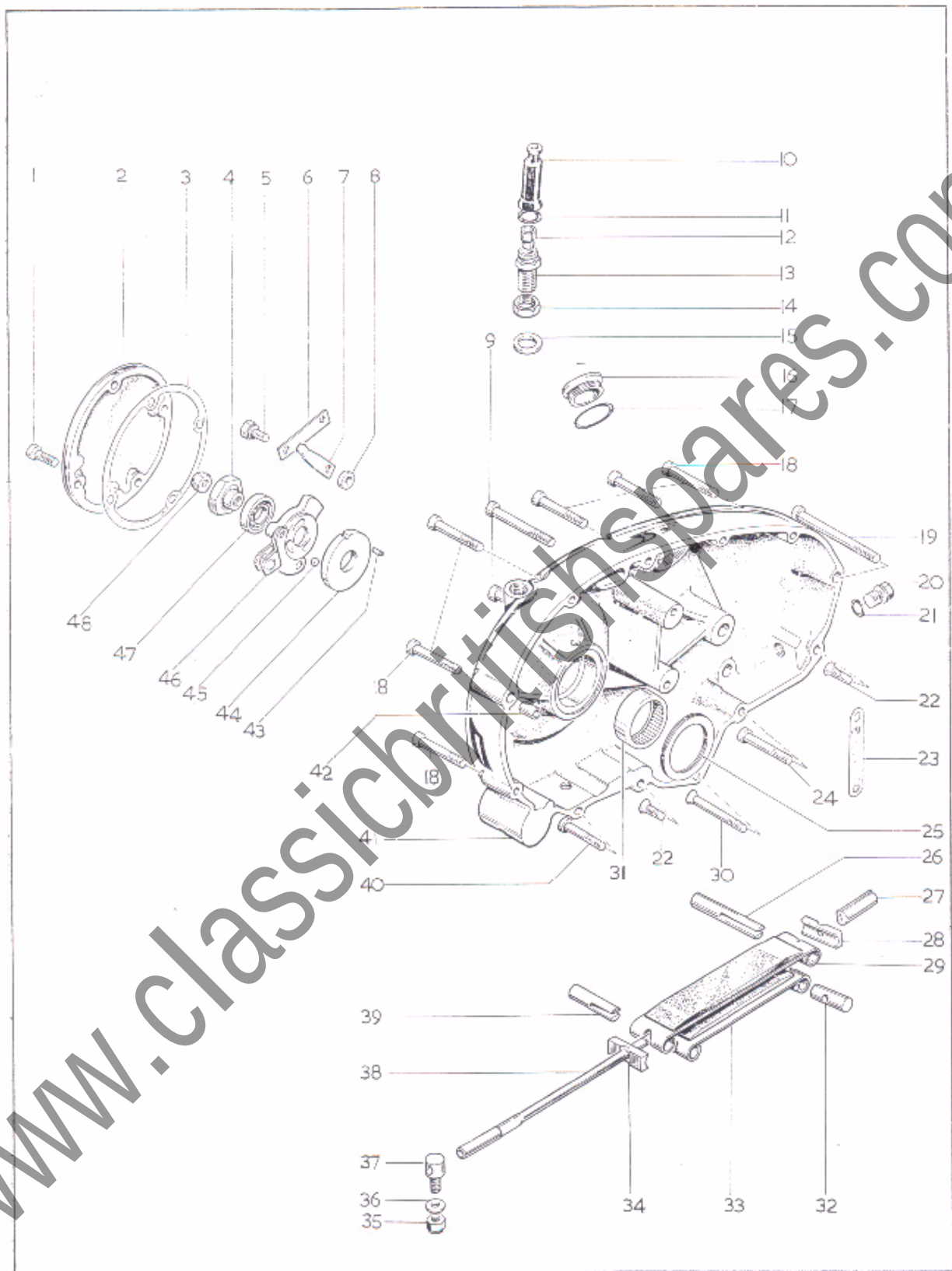


Plate 6

PRIMARY CASE OUTER COVER, CHAIN TENSIONER, CLUTCH CONTROL

Plate Ref.	Spares Number	Description	Per Set
1.	14-6605	Screw, inspection cover ($\frac{1}{4}$ " U.N.C. $\times$ $\frac{5}{8}$ ")	4
2.	57-3954	Inspection cover	
3.	57-3955	Inspection cover gasket	
4.	57-2553	Sleeve nut ($\frac{5}{16}$ " U.N.F.)	
5.	14-6102	Bolt, clutch thrust plate spring ($\frac{1}{4}$ " U.N.C. $\times$ $\frac{5}{8}$ ")	2
6.	57-2474	Tab washer, for bolt line 5	
7.	57-2473	Spring, clutch thrust plate	2
8.	57-3638	Distance piece, clutch thrust plate spring	2
9.	14-6613	Screw, primary outer cover ($\frac{1}{4}$ " U.N.C. $\times$ $2\frac{1}{4}$ ")	2
10.	68-3264	Clutch cable grommet	
11.	57-3733	Sealing ring, clutch cable	
12.	57-1645	Adaptor, clutch cable	
13.	57-2220	Abutment for clutch cable	
14.	21-0567	Locknut for abutment ($\frac{1}{2}$ " U.N.C.)	
15.	57-3990	Washer, clutch cable locknut	
16.	57-2166	Oil filler plug	
17.	70-8782	"O" ring for filler plug	
18.	14-6611	Screw, primary outer cover ($\frac{1}{4}$ " U.N.C. $\times$ $1\frac{3}{4}$ ")	6
19.	14-6615	Screw, primary outer cover ($\frac{1}{4}$ " U.N.C. $\times$ 3")	
20.	57-2259	Plug, tensioner hole	
21.	57-3733	"O" ring for tensioner hole plug	
22.	14-6504	Screw, primary outer cover ($\frac{1}{4}$ " U.N.C. $\times$ $\frac{3}{4}$ " countersunk head)	2
23.	57-2244	Inner gasket, primary outer cover	
24.	14-6612	Screw, outer to inner cover	
25.	57-2215	Thrust washer, primary outer cover	
26.	57-3614	Pivot pin, chain tensioner	
27.	57-3617	Adjuster, chain tensioner	
28.	70-9258	Saddle washer, adjuster end	2
29.	57-3610	Chain tensioner blade (upper)	
30.	14-6509	Screw, primary outer cover ($\frac{1}{4}$ " U.N.C. $\times$ $1\frac{3}{4}$ " countersunk head)	
31.	57-3643	Needle bearing (INA SC.228)	
32.	70-5977	Trunnion, lower tensioner blade	2
33.	70-6061	Chain tensioner blade (lower)	
34.	70-9258	Saddle washer, chain tensioner (rear)	
35.	14-1901	Nut, chain tensioner support ($\frac{1}{4}$ " U.N.F.)	
36.	57-3987	Washer, chain tensioner support	
37.	57-3986	Support, chain tensioner	
38.	57-3983	Tie rod, chain tensioner	
39.	70-9256	Trunnion, chain tensioner	
40.	14-6610	Screw, primary outer cover ($\frac{1}{4}$ " U.N.C. $\times$ $1\frac{1}{2}$ ")	
41.	57-3958	Primary outer cover assembly	
42.	76-0217	Dowel, outer to inner chaincase	2
43.	57-0912	Peg, clutch thrust plate	
44.	57-2465	Clutch thrust plate	
45.	97-2704	Steel ball ($\frac{1}{4}$ " diameter, 6.35 mm.)	3
46.	57-2547	Clutch lever	
47.	57-3647	Bearing, clutch lever (Hoffman S5)	
48.	14-0402	Locknut ($\frac{5}{16}$ " U.N.F.)	

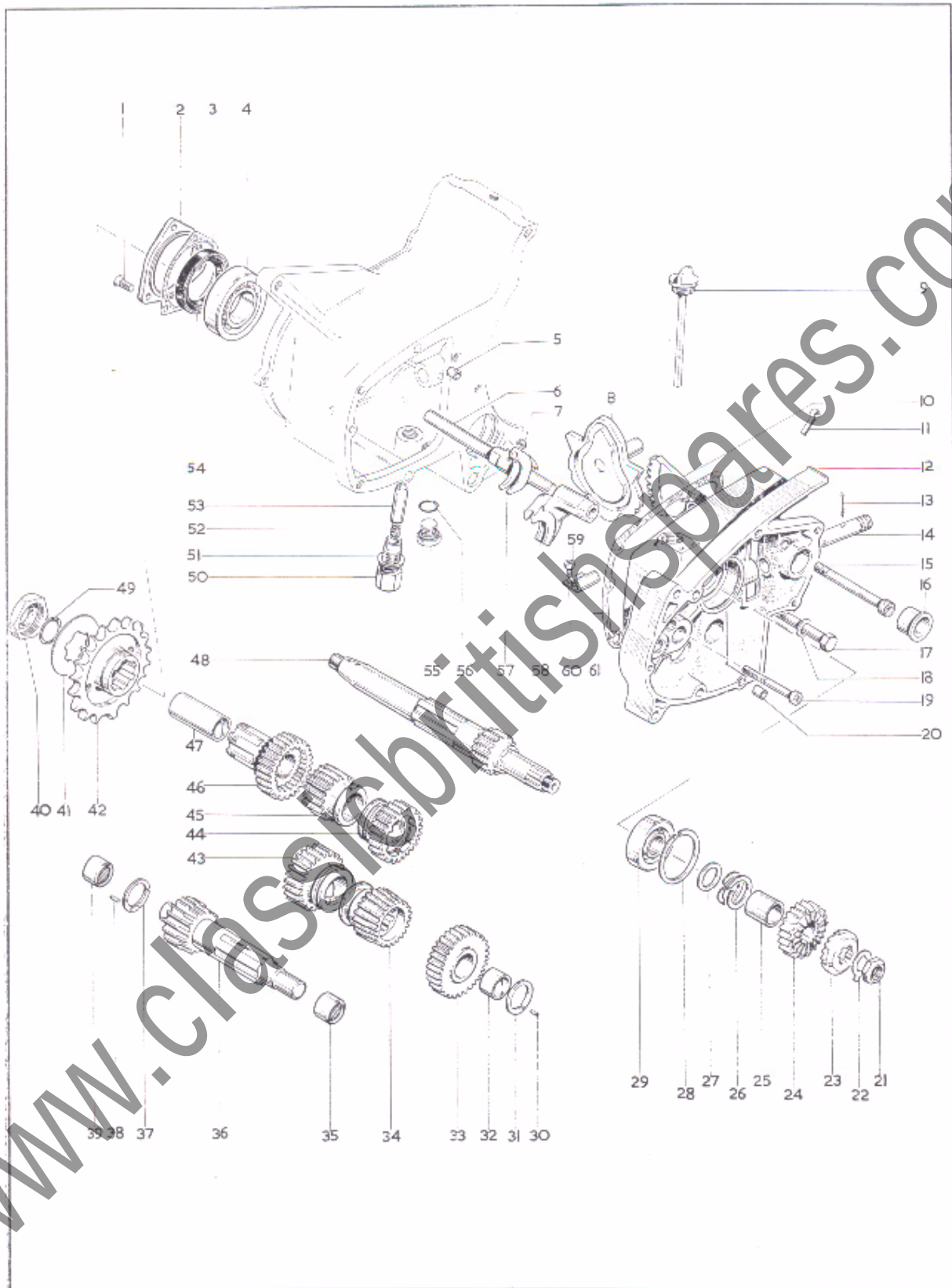


Plate Ref.	Spares Number	Description	Per Set
1.	14-6504	Screw, housing to gearbox ($\frac{1}{4}$ " U.N.F. countersunk head)	3
2.	57-3633	Oil seal housing assembly, gearbox mainshaft	
3.	57-2165	Gasket, housing to gearbox	
4.	57-0448	Bearing, gearbox mainshaft (Hoffman N.1443)	
5.	76-0217	Dowel, gearbox inner cover	2
6.	57-3989	Selector fork spindle	
7.	57-2595	Cam plate roller	1
8.	57-4055	Cam plate assembly	
9.	57-2656	Gearbox dipstick	
10.	57-0397	Gear selector quadrant	
11.	40-9190	Alternator cable clip	
12.	57-2601	Gearbox inner cover	
13.	60-1928	Split pin, quadrant spindle ($\frac{5}{64}$ " $\times$ $1\frac{3}{8}$ ")	2
14.	57-1896	Spindle, selector quadrant	
15.	14-7101	Socket screw, inner cover to crankcase ($\frac{5}{16}$ " U.N.C. $\times$ $3\frac{1}{4}$ ")	
16.	57-0412	Bush, footchange spindle	
17.	14-6121	Bolt, inner cover to crankcase ($\frac{5}{16}$ " U.N.C. $\times$ $2\frac{1}{2}$ ")	
18.	75-0176	Washer, for bolt line 17	
19.	14-6614	Screw, inner cover to crankcase ($\frac{1}{4}$ " U.N.C. $\times$ $2\frac{1}{2}$ ")	2
20.	76-0217	Dowel, inner cover to outer cover	2
21.	21-0594	Nut, mainshaft timing-side ($9/16$ " U.N.F.)	
22.	57-0732	Lockwasher, mainshaft nut	
23.	57-0731	Kickstart ratchet	
24.	57-2170	Kickstart ratchet pinion	
25.	57-1963	Bush, kickstart ratchet pinion	
26.	57-1250	Spring, kickstart ratchet	
27.	57-1962	Washer, kickstart pinion sleeve	
28.	57-0280	Circlip, mainshaft bearing	
29.	57-3621	Bearing, mainshaft inner cover (Hoffman L8.8)	
30.	57-0912	Peg, thrust washer	
31.	57-1607	Layshaft thrust washer	
32.	57-0928	Bush, layshaft low gear	
33.	57-3862	Layshaft low gear complete	
34.	57-3890	Layshaft third gear	
35.	57-1614	Layshaft needle bearing, inner cover (Torrington B.1112)	
36.	57-3864	Layshaft with high gear	
37.	57-1607	Layshaft thrust washer	
38.	57-0912	Peg, thrust washer (drive-side)	
39.	57-1606	Layshaft needle bearing (Torrington 11121)	
40.	57-4051	Nut, gearbox final drive sprocket ($1\frac{1}{4}$ " U.N.F.)	
41.	57-2116	Lockwasher, sprocket nut ($2\frac{1}{8}$ " $\times$ 22 G.)	
42.	57-1918	Gearbox final drive sprocket (19 teeth)	
43.	57-3861	Layshaft second gear	
44.	57-3889	Mainshaft third gear	
45.	57-3857	Mainshaft second gear	
46.	57-2176	Mainshaft high gear complete	
47.	57-3785	Bush, mainshaft high gear	
48.	57-3982	Mainshaft with low gear	
49.	57-4054	"O" ring, gearbox sprocket nut	
50.	57-2172	Bush, cam plate plunger	
51.	57-3978	Washer, cam plate plunger bush	
52.	57-4059	Spring, cam plate plunger	
53.	57-3660	Cam plate plunger	
54.	57-3634	Oil seal, gearbox mainshaft final drive	
55.	21-1872	Gearbox drain plug	
56.	70-8896	"O" ring, drain plug	
57.	57-2596	Mainshaft selector fork	
58.	57-0913	Layshaft selector fork	
59.	21-1862	"Taptite" screw, cable clip (number 6 U.N.C.)	2
60.	70-9327	Cable clip	
61.	70-9901	Gasket, gearbox inner cover to crankcase	

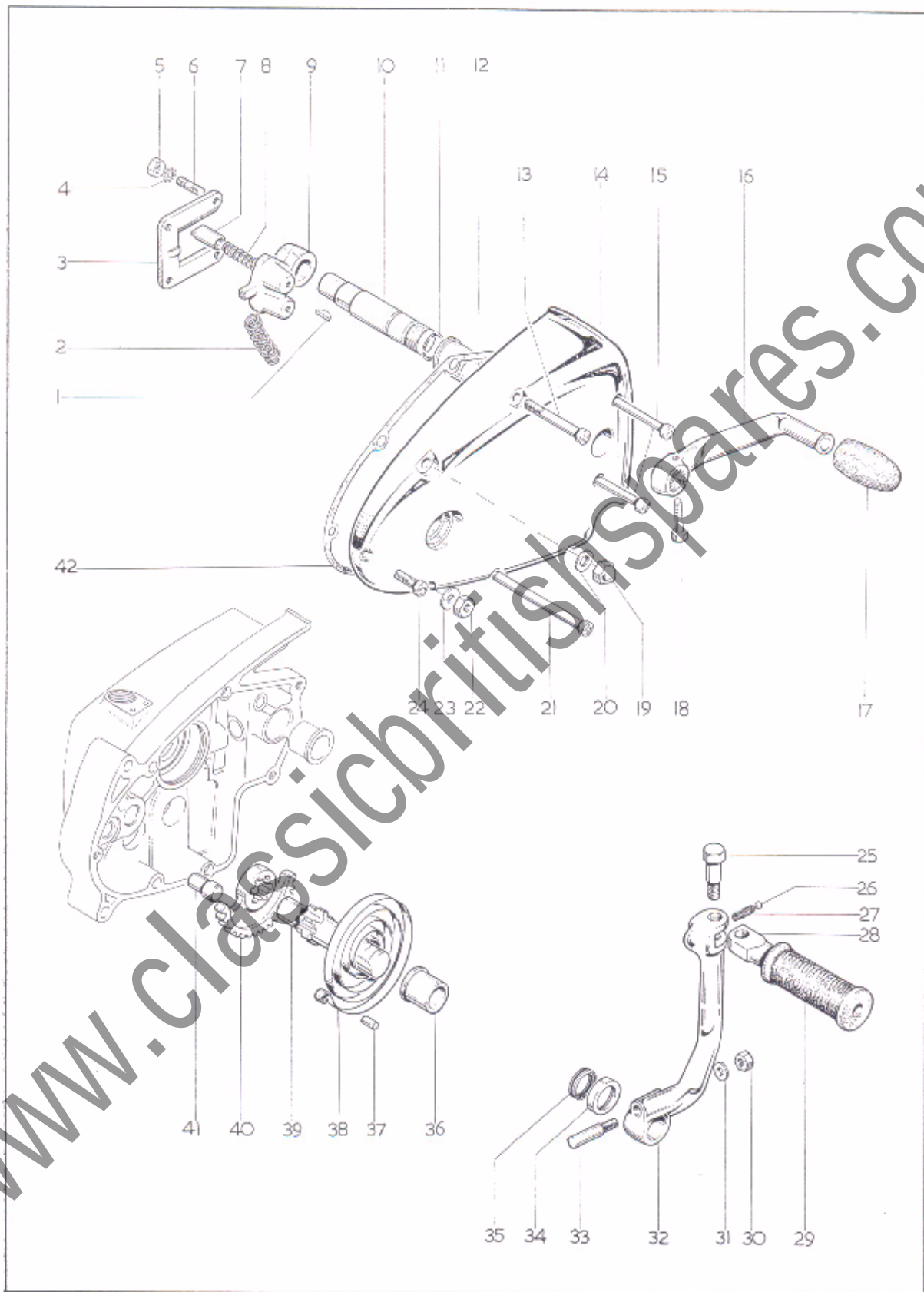


Plate 8

GEARBOX COVER, GEARCHANGE AND KICKSTART CRANK

Plate Ref.	Spares Number	Description	Per Set
1.	71-0037	Key, quadrant to spindle	
2.	57-0404	Return spring, footchange pedal	2
3.	57-0407	Gear control guide plate	
4.	29-0541	Lockwasher, gear control guide plate ($17/64" \times 15/32" \times .024"$)	
5.	14-0301	Nut, gear control guide plate ($1/4"$ U.N.F.)	4
6.	21-0547	Stud, gear control guide plate ($1/4"$ U.N.C./U.N.F. $\times 7/8"$)	4
7.	57-0406	Plunger, footchange quadrant	2
8.	57-0405	Spring, footchange quadrant	2
9.	57-0409	Footchange plunger quadrant	
10.	57-3758	Footchange pedal spindle	
11.	40-0323	Oil seal ring, footchange	
12.	57-3759	Bush, footchange shaft	
13.	14-6613	Screw, outer to inner cover ($1/4"$ U.N.C. $\times 2 1/4"$)	
14.	57-2603	Gearbox outer cover	
15.	14-6615	Screw, outer to inner cover ($1/4"$ U.N.C. $\times 3"$)	2
16.	57-3757	Footchange pedal	
17.	89-3208	Footchange pedal rubber	
18.	14-0201	Footchange pedal bolt	
19.	21-0544	Domed nut, outer cover stud — top ($5/16"$ U.N.F.)	
20.	54-0055	Washer for domed nut ($5/16" \times 7/8" \times 1/16"$)	
21.	21-1860	Screw, outer cover to crankcase ($1/4"$ U.N.C. $\times 5 3/8"$)	
22.	14-0302	Nut, bottom cover stud ($5/16"$ U.N.F.)	
23.	54-0055	Washer for nut line 22 ($5/16" \times 7/8" \times 1/16"$)	
24.	14-6608	Screw, outer to inner cover ($1/4"$ U.N.C. $\times 1"$)	
25.	21-0541	Bolt, kickstart pedal pivot ($5/16"$ U.N.F. $\times 1-5/32"$)	
26.	97-2704	Ball, kickstart folding pedal ($1/4"$ diameter)	
27.	40-3085	Spring, kickstart folding pedal	
28.	57-1272	Kickstart crank folding pedal	
29.	57-2330	Kickstart pedal rubber	
30.	75-0053	Nut, kickstart crank cotter	
31.	68-0331	Washer, kickstart crank cotter ($1/4" \times 1/2" \times 1/16"$)	
32.	57-2173	Kickstart crank only	
32.	57-3632	Kickstart crank assembly complete	
33.	75-3143	Cotter, kickstart crank	
34.	57-1955	Oil seal housing, kickstart crank	
35.	57-1956	Oil seal, kickstart crank	
36.	57-0023	Bush, kickstart shaft	
37.	57-0047	Anchor pin, kickstart return spring	
38.	57-0031	Return spring, kickstart	
39.	57-0024	Kickstart shaft	
40.	57-2169	Kickstart quadrant	
40.	57-3732	Kickstart quadrant and spindle assembly	
41.	57-3727	Kickstart quadrant stop	
42.	70-9900	Gasket, gearbox inner to outer cover	

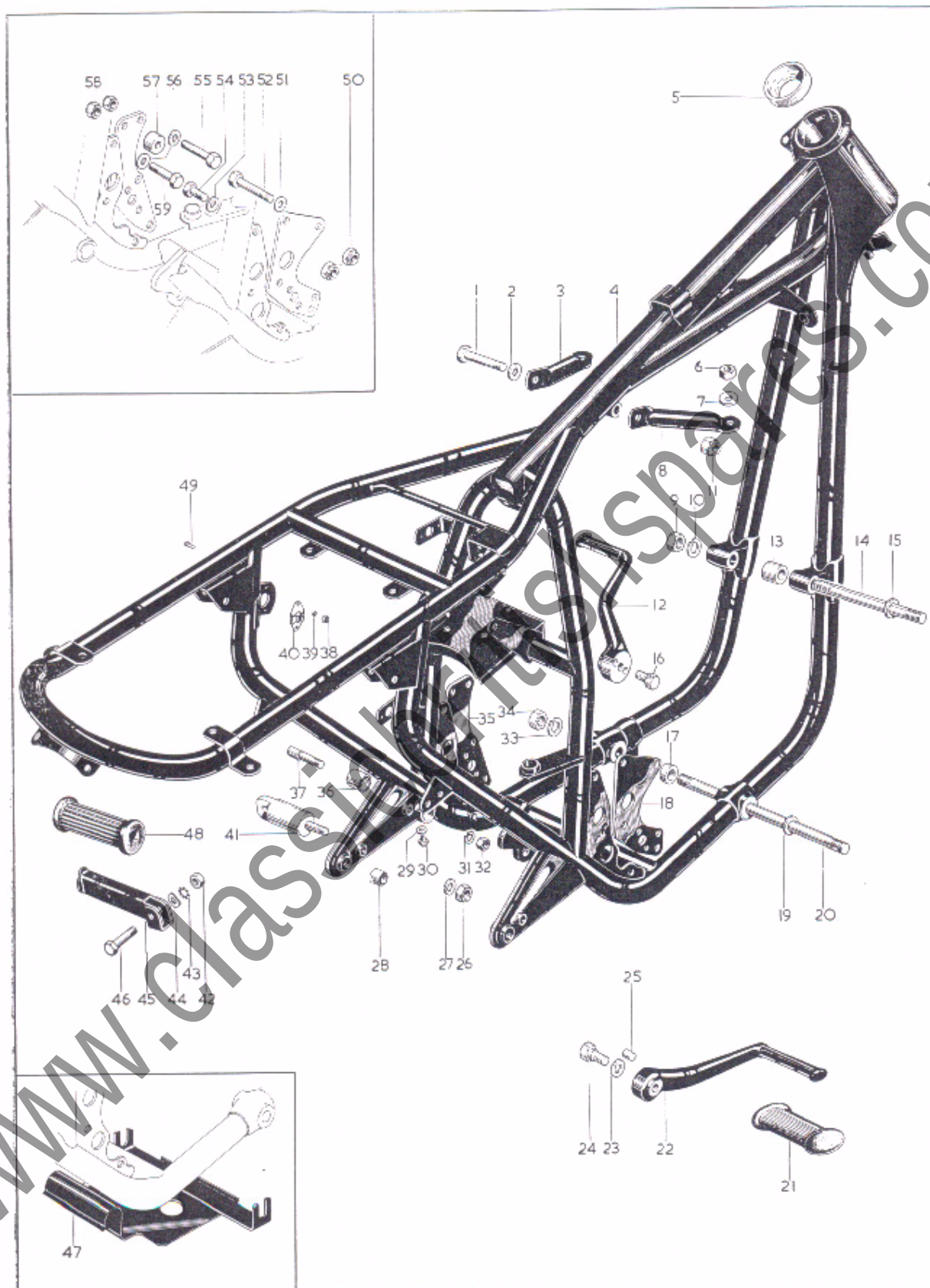


Plate 9

FRAME

Plate Ref.	Spares Number	Description	Per Set
1.	14-0237	Bolt, steady stay to frame ($\frac{3}{8}$ " U.N.F. $\times$ 2 $\frac{1}{2}$ ")	
2.	02-2138	Washer, steady stay to frame ($\frac{3}{8}$ " $\times$ $\frac{3}{4}$ " $\times$ $\frac{1}{16}$ ")	
3.	82-9378	Steady stay (left-hand)	
4.	82-9773	Frame complete	
5.	97-0111	Steering head cup	
6.	14-0403	Nut, steady stay to cylinder head ($\frac{3}{8}$ " U.N.F.)	2
7.	02-2138	Washer, steady stay to cylinder head ($\frac{3}{8}$ " $\times$ $\frac{3}{4}$ " $\times$ $\frac{1}{16}$ ")	2
8.	82-9379	Steady stay (right-hand)	2
9.	14-0304	Nut, front engine bolt ($\frac{7}{16}$ " U.N.F.)	
10.	02-1967	Spring washer, front engine bolt ($\frac{7}{16}$ " $\times$ $\frac{7}{8}$ " $\times$ 16 G.)	
11.	14-1903	Nut, steady stay to frame ($\frac{3}{8}$ " U.N.F.)	2
12.	82-9625	Footrest (left-hand)	
13.	82-8508	Spacer, front engine bolt	
14.	21-0779*	Front engine stud ($\frac{7}{16}$ " U.N.F./U.N.F. $\times$ 7")	
15.	15-0431	Washer, front engine bolt ($\frac{7}{16}$ " $\times$ $\frac{3}{4}$ " $\times$ $\frac{1}{16}$ ")	
16.	14-0145	Bolt, left-hand footrest ($\frac{1}{2}$ " U.N.F. $\times$ 1")	2
17.	82-8510	Spacer, bottom engine bolt	
18.	82-9642	Engine plate (right-hand)	
19.	15-0431	Washer, bottom engine bolt ($\frac{7}{16}$ " $\times$ $\frac{3}{4}$ " $\times$ $\frac{1}{16}$ ")	
20.	21-0780*	Bottom engine stud ($\frac{7}{16}$ " U.N.F./U.N.F. $\times$ 11 $\frac{1}{8}$ ")	2
21.	40-4850	Footrest rubber (right-hand)	
21.	82-9686	Footrest rubber (left-hand)	
22.	82-9624	Footrest (right-hand)	
23.	03-0107	Spring washer, for bolt line 24 (17/32" $\times$ 49/64" $\times$ 11 G.)	
24.	21-2018	Footrest bolt, right-hand footrest ($\frac{1}{2}$ " U.N.F. $\times$ 1")	2
25.	82-5943	Footrest peg	
26.	14-0303	Nut, pillion footrest anchor bolt ($\frac{3}{8}$ " U.N.F.)	4
27.	02-0522	Spring washer, anchor bolt ($\frac{3}{8}$ " $\times$ $\frac{3}{4}$ " $\times$ 17 G.)	2
28.	82-9652	Silentbloc, silencer mounting	2
29.	54-4302	Fibre washer, for grease nipple line 30	2
30.	47-9012	Grease nipple, brake pedal	
31.	24-8784	Spring washer, stop peg	
32.	14-0302	Nut, stop peg ($\frac{5}{16}$ " U.N.F.)	
33.	02-1967	Spring washer, bottom engine bolt ($\frac{7}{16}$ " $\times$ $\frac{7}{8}$ " $\times$ 16 G.)	2
34.	14-0304	Nut, bottom engine bolt ($\frac{7}{16}$ " U.N.F.)	2
35.	82-9641	Engine plate (left-hand)	
36.	82-8918	Brake pedal bush	
37.	82-8513	Brake pedal stop peg	
38.	42-8034	Nut for "Oddie" clip	6
39.	42-5099	Lockwasher for "Oddie" clip	6
40.	68-9115	"Oddie" clip, sidecover	3
41.	82-9653	Anchor bolt, pillion footrest	2
42.	14-0402	Nut, swivel bolt ($\frac{5}{16}$ " U.N.F.)	2
43.	36-0382	Lockwasher, swivel bolt	2
44.	04-2276	Washer, pillion footrest	2
45.	68-4835	Pillion footrest complete	2
46.	21-756*	Swivel bolt, pillion footrest ($\frac{5}{16}$ " U.N.F. $\times$ 1")	2
47.	82-9684	Engine shield	
48.	29-7582	Pillion footrest rubber	2
49.	68-8317	Screw for "Oddie" clip ($\frac{1}{8}$ " $\times$ $\frac{1}{2}$ ")	6
50.	14-1302	Nut, rear engine plate bolt ($\frac{5}{16}$ " U.N.F.)	5
51.	02-0923	Washer, rear engine plate bolt ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	5
52.	14-0221	Bolt, engine to right-hand engine plate ($\frac{5}{16}$ " U.N.F. $\times$ 2")	2
53.	02-0923	Washer, rear engine plate bolt ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	5
54.	14-0115	Bolt, right-hand engine plate to frame ($\frac{5}{16}$ " U.N.F. $\times$ $\frac{7}{8}$ ")	3
55.	14-0220	Bolt, engine to left-hand engine plate ($\frac{5}{16}$ " U.N.F. $\times$ 1 $\frac{3}{4}$ ")	2
56.	02-0923	Washer, rear engine plate bolt ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	10
57.	82-8509	Spacer, rear engine plate (left-hand)	3
58.	14-1302	Nut, rear engine plate bolt ($\frac{5}{16}$ " U.N.F.)	5
59.	14-0218	Bolt, left-hand engine plate to frame ($\frac{5}{16}$ " U.N.F. $\times$ 1 $\frac{3}{8}$ ")	3

*Special material: 14.—EN16T. 20.—EN16T. 24.—EN14B. 46.—EN14B.

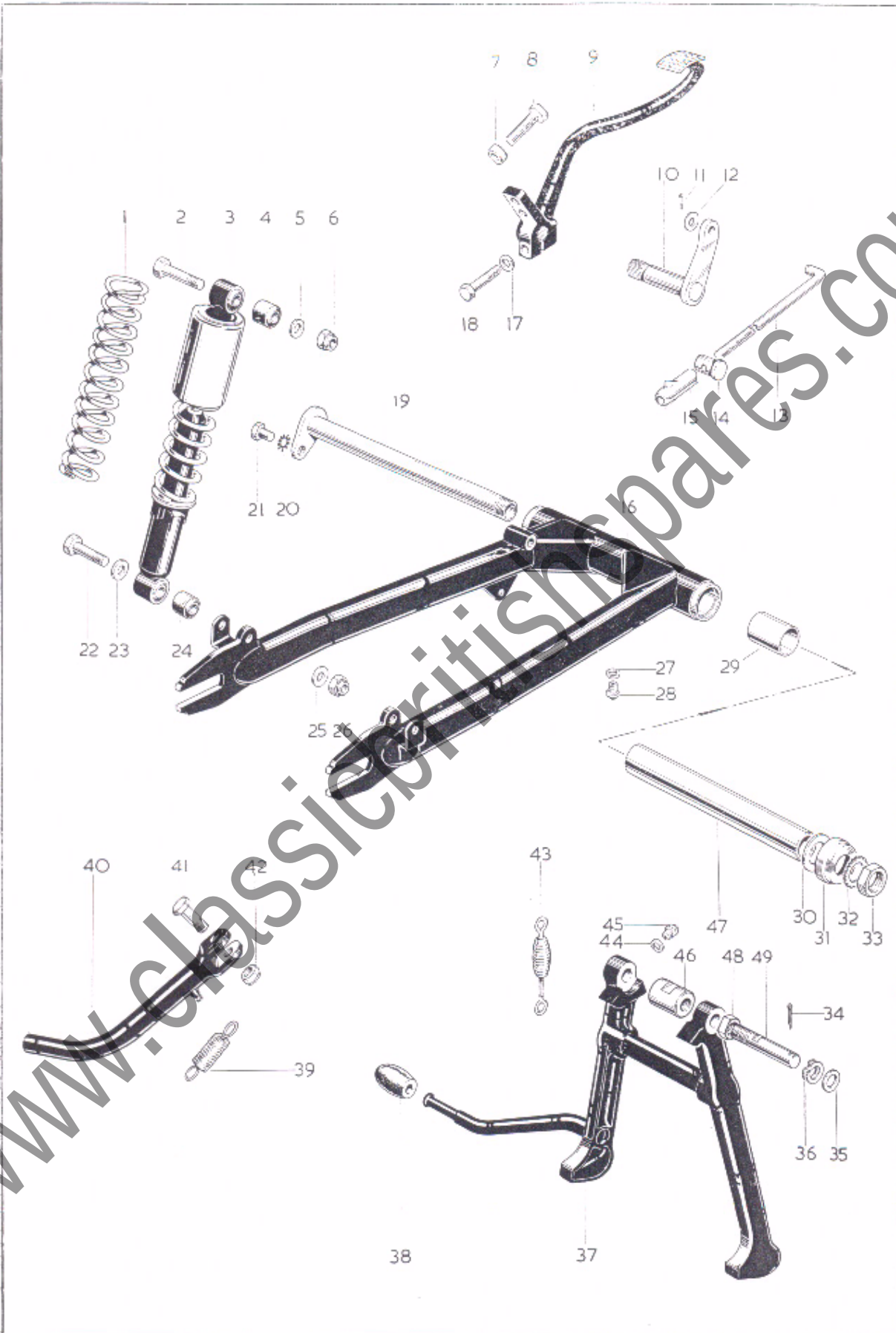


Plate 10

SWINGING ARM, CENTRE STAND, PROP STAND

Plate Ref.	Spares Number	Description	Per Set
1.	19-7447	Damper spring (solo) — Girling 64544120	2
2.	14-0235	Top bolt, damper mounting ($\frac{3}{8}$ " U.N.F. $\times$ 2")	2
3.	19-7446	Rear damper complete (solo) — Girling 64052105	2
4.	19-5305	Top bush, rear damper — Girling 64533645	2
5.	70-8770	Washer, top damper mounting bolt	2
6.	14-1303	Nut, Top damper mounting bolt ($\frac{3}{8}$ " U.N.F.)	2
7.	14-0401	Locknut, brake pedal stop ($\frac{1}{4}$ " U.N.F.)	2
8.	14-0106	Screw, brake pedal stop ($\frac{1}{4}$ " U.N.F. $\times$ 1 $\frac{1}{4}$ ")	2
9.	83-1641	Rear brake pedal	2
10.	82-9665	Brake operating shaft	2
11.	60-2683	Split pin, brake rod to pedal	2
12.	40-2705	Washer, brake rod to pedal	2
13.	83-1752	Rear brake rod	2
14.	37-1467	Pivot pin, brake rod	2
15.	82-7387	Adjuster nut, brake rod ($\frac{1}{4}$ " U.N.F.)	2
16.	82-9963	Swinging arm with bushes	2
17.	15-5155	Washer, for bolt line 18	2
18.	14-0217	Pinch bolt, brake pedal ($\frac{5}{16}$ " U.N.F. $\times$ 1 $\frac{1}{4}$ ")	2
19.	82-8468	Spindle, swinging arm	2
20.	36-0382	Lockwasher, swinging arm spindle lock plate bolt ($\frac{5}{16}$ " U.N.F.)	2
21.	14-0113	Bolt, swinging arm spindle lock plate ($\frac{5}{16}$ " U.N.F. $\times$ $\frac{3}{4}$ " U.N.F.)	2
22.	14-0235	Bolt, rear damper bottom mounting ($\frac{3}{8}$ " U.N.F. $\times$ 2")	2
23.	54-4307	Washer, rear damper bottom mounting	2
24.	19-5305	Bottom bush, rear damper — Girling 64533645	2
25.	02-2138	Washer, rear damper bottom mounting	2
26.	14-1303	Nut, rear damper bottom mounting ($\frac{3}{8}$ " U.N.F.)	2
27.	54-4302	Washer, for grease nipple line 28	2
28.	47-9012	Grease nipple, swinging arm	2
29.	82-8475	Bush, swinging arm	2
30.	82-8478	Thrust bearing, swinging arm	2
31.	82-8477	Dust cap, swinging arm spindle	2
32.	42-4364	Lockwasher, swinging arm spindle nut	2
33.	21-0755	Nut, swinging arm spindle (13/16" U.N.F.)	2
34.	60-2683	Split pin, centre stand pivot ($\frac{1}{16}$ " $\times$ $\frac{3}{8}$ " U.N.F.)	2
35.	15-0039	Washer, centre stand pivot ($\frac{1}{2}$ " $\times$ 27/32" $\times$ $\frac{1}{16}$ " U.N.F.)	2
36.	03-1346	Spring washer, centre stand pivot (17/32" $\times$ 7/8" $\times$ 19 G.)	2
37.	82-8413	Centre stand	2
38.	57-2331	Pedal rubber, centre stand	2
39.	82-8382	Return spring, prop stand	2
40.	82-8660	Prop stand leg	2
41.	21-0769	Bolt, prop stand pivot ($\frac{7}{16}$ " U.N.F. $\times$ 1 $\frac{5}{16}$ " U.N.F.)	2
42.	14-0404	Locknut, prop stand pivot bolt ($\frac{7}{16}$ " U.N.F.)	2
43.	68-4708	Return spring, centre stand	2
44.	54-4302	Washer, for grease nipple line 45	2
45.	47-9012	Grease nipple, centre stand	2
46.	82-8582	Coupling, centre stand pivot	2
47.	82-8476	Spacer tube, swinging arm spindle	2
48.	14-0405	Locknut, centre stand pivot bar ($\frac{1}{2}$ " U.N.F.)	2
49.	83-1335	Pivot bar, centre stand	2

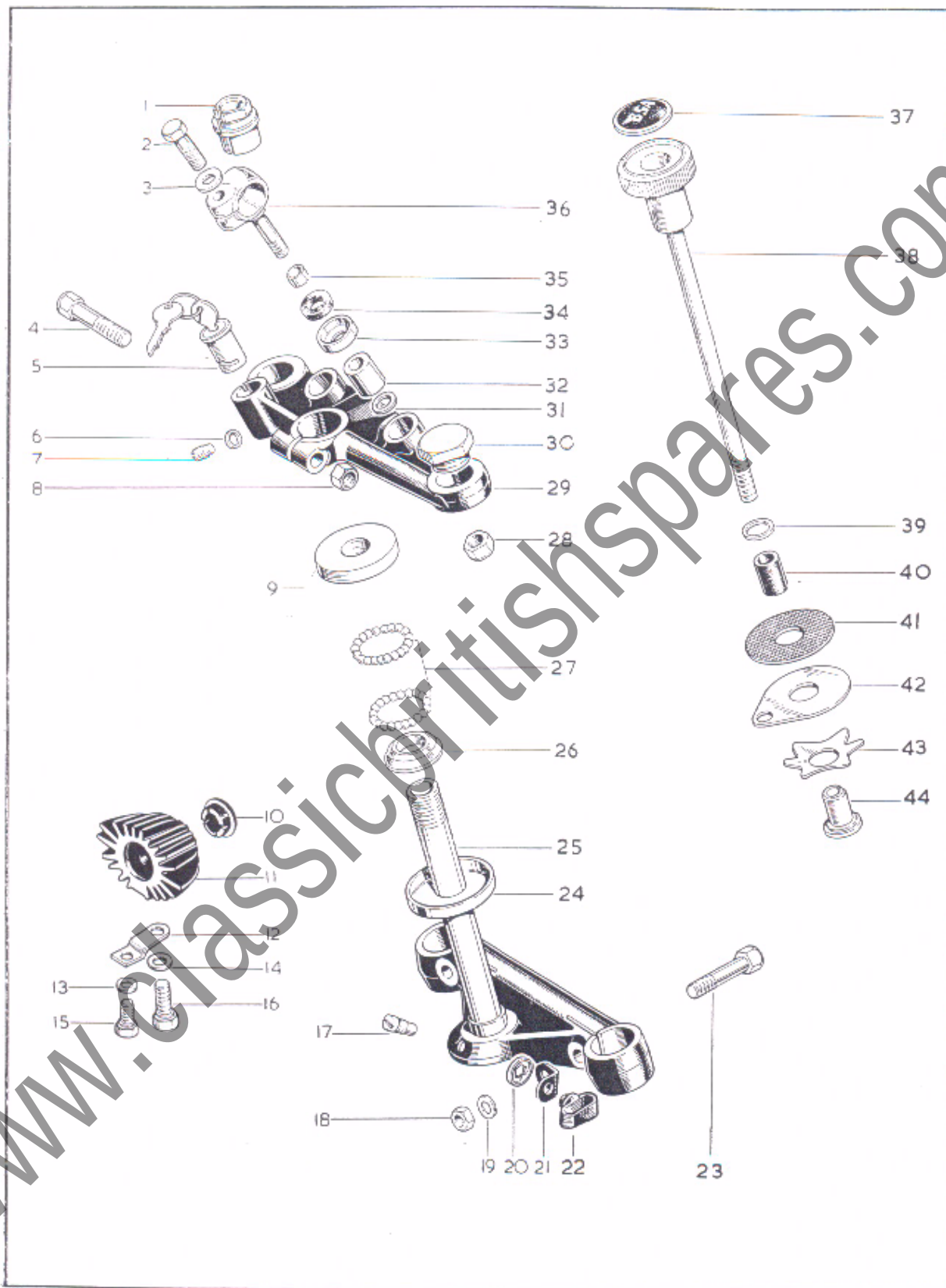
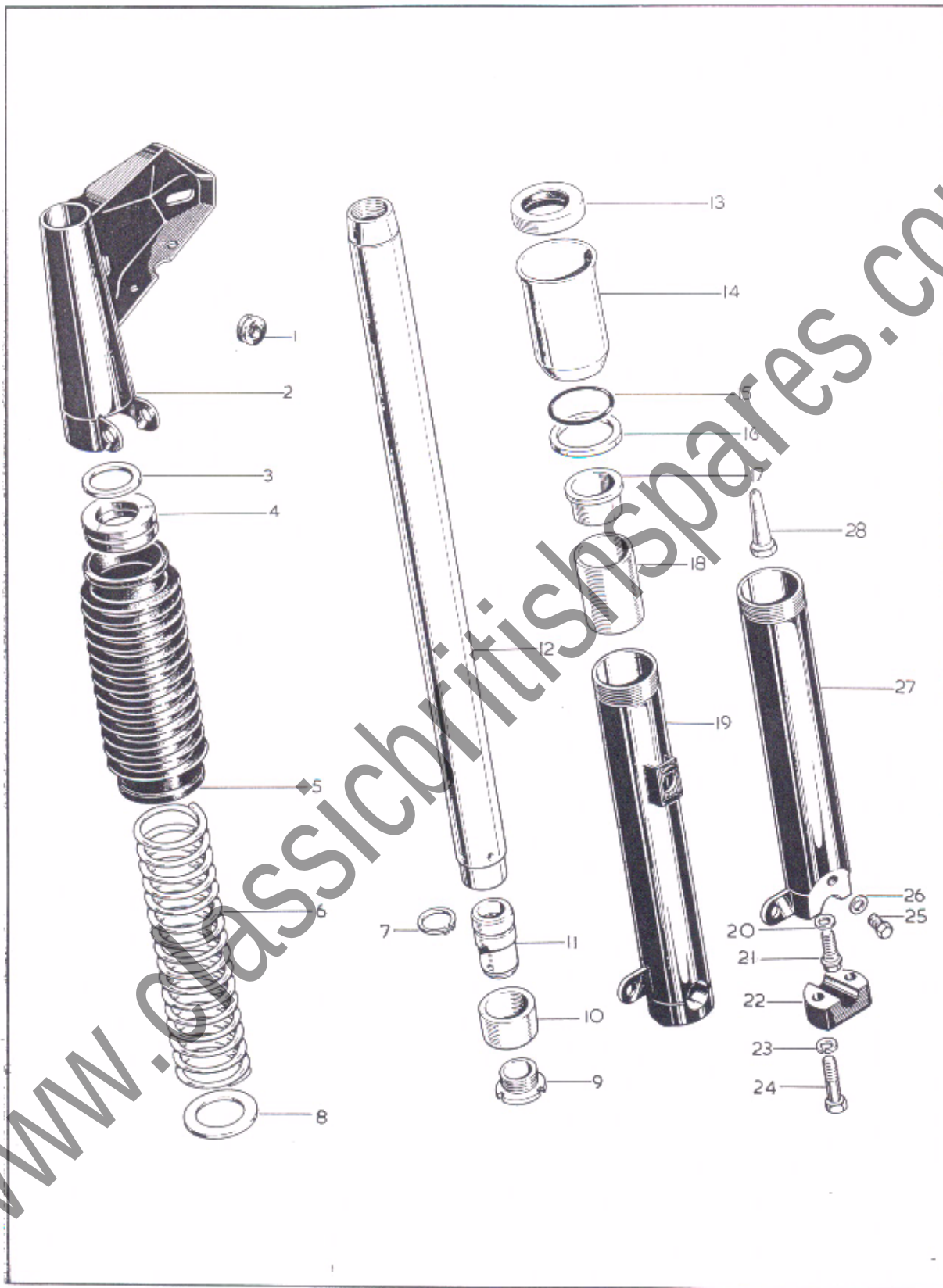


Plate Ref.	Spares Number	Description	Per Set
1.	97-2108	Sleeve nut, steering column (1" U.N.F.)	
2.	21-0589	Bolt, handlebar clamp ($\frac{5}{16}$ " U.N.F. $\times$ 1 $\frac{1}{8}$ ")	2
3.	82-1335	Washer, handlebar clamp (21/64" $\times$ 17/32" $\times$ 1/8")	2
4.	21-0684*	Bolt, top yoke pinch ($\frac{3}{8}$ " U.N.F. $\times$ 1 $\frac{5}{8}$ ")	
5.	68-5050	Lock and key, steering (Wilmot Breeden 7-9398)	
6.	97-2266	Sealing washer	
7.	21-0578	Grub screw, steering lock	
8.	21-0685	Nut, pinch bolt ($\frac{3}{8}$ " U.N.F.)	
9.	97-1018	Top cone with dust cap	
10.	97-2275	Heat sink plug	
11.	97-2237	Diode heat sink	
12.	97-2236	Heat sink bracket	
13.	54-8003	Washer, bracket to fork leg bolt	
14.	54-0022	Washer, bracket bolt	
15.	14-0113	Bolt, bracket to fork leg ($\frac{5}{16}$ " U.N.F. $\times$ $\frac{5}{8}$ ")	
16.	14-6102	Bolt, bracket to heat sink ($\frac{1}{4}$ " U.N.C. $\times$ $\frac{5}{8}$ ")	
17.	97-2107	Pin, damper adjusting sleeve	
18.	14-1303	Nut, bottom yoke pinch bolt ($\frac{3}{8}$ " U.N.F.)	2
19.	54-4307	Washer, pinch bolt	
20.	82-8245	Lockwasher, cable guide bracket	
21.	97-3682	Cable guide bracket	2
22.	97-2270	Cable retainer	
23.	97-2290	Pinch bolt, bottom yoke ($\frac{3}{8}$ " U.N.F. $\times$ 2 $\frac{1}{4}$ ")	2
24.	97-2622	Dust cover, bottom cone	
25.	97-2621	Bottom yoke assembly	
26.	97-0439	Bottom cone	
27.	97-2704	Steering head ball ($\frac{1}{4}$ " diameter)	40
28.	14-1903	Nut, handlebar clamp (Nyloc $\frac{3}{8}$ " U.N.F.)	2
29.	97-2293	Top yoke	
30.	97-2245	Top cap nut, main stanchion	2
31.	97-1529	Washer, handlebar clamp (25/64" $\times$ $\frac{7}{8}$ " $\times$ 3/32")	4
32.	97-1527	Bush, handlebar clamp	2
33.	97-2221	Cup, handlebar mounting	2
34.	97-1580	Rubber, handlebar mounting	2
35.	97-1581	Distance piece, handlebar mounting	2
36.	97-2291*	Handlebar clamp	2
37.	68-8166	Badge, damper knob	
38.	97-3602	Damper rod complete	
39.	97-0565	Abutment washer	
40.	97-1618	Rubber bush	
41.	97-0435	Damper friction disc	
42.	97-1797	Damper anchor plate	
43.	97-0095	Damper spring plate	
44.	97-3601	Damper adjusting sleeve	

*Special material: 4.—EN8R. 36.—EN16.



FRONT FORKS

Plate Ref.	Spares Number	Description	Per Set
1.	97-1971	Cable grommet, headlamp bracket	4
2.	97-2300	Outer cover (left-hand)	2
2.	97-2301	Outer cover (right-hand)	2
3.	82-4047	Cork washer	2
4.	97-1657	Spring abutment (top)	2
5.	97-3635	Fork rubber gaiter	2
6.	97-1892	Main spring	2
7.	97-2127	Circlip, shuttle	2
8.	97-1656	Spring support (lower)	2
9.	97-2091	Nut, hydraulic stop ($1\frac{1}{16}$ " U.N.F.)	2
10.	75-5104	Lower bush	2
11.	97-2154	Shuttle, damping	2
12.	97-3904	Stanchion	2
13.	75-5099	Oil seal	2
14.	97-3633	Lower cover tube	2
15.	75-5199	"O" ring, sleeve	2
16.	75-5088	Outer retaining washer	2
17.	75-5105	Upper bush	2
18.	75-5091	Inner sleeve	2
19.	97-3921	Outer member (left-hand)	2
20.	40-5069	Sealing washer	2
21.	97-2126	Bolt, restrictor ($\frac{1}{4}$ " U.N.F. $\times 1\frac{3}{32}$ ")	2
22.	75-5095	Cap, outer member	2
23.	54-8003	Washer, cap bolt	4
24.	14-0218	Bolt, outer member cap ($\frac{5}{16}$ " U.N.F. $\times 1\frac{3}{8}$ ")	4
25.	97-0519	Drain plug	2
26.	54-0042	Drain plug joint washer	2
27.	97-3922	Outer member (right-hand)	2
28.	97-2090	Restrictor, damping	2
	97-3911	Fork complete	

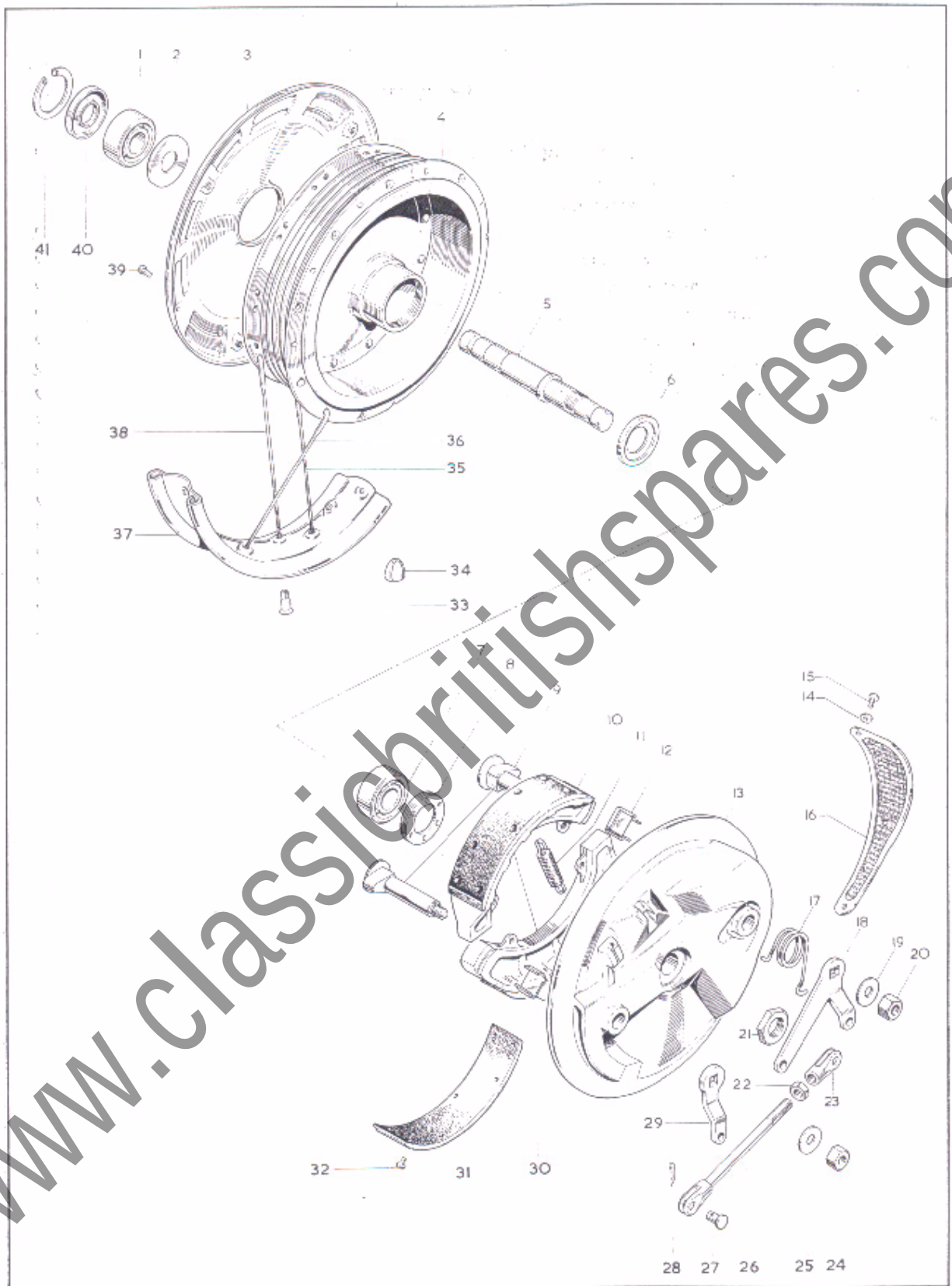


Plate 13

FRONT WHEEL

Plate Ref.	Spares Number	Description	Per Set
1.	42-5819	Bearing (Hoffman 120)	
2.	37-1481	Grease retaining cap (left-hand)	
3.	37-2240	Nave plate	
4.	37-3317	Front hub with spindle and bearings	
5.	37-3582	Wheel spindle	
6.	37-3337	Backing ring	
7.	42-5819	Bearing (Hoffman 120)	
8.	42-6335	Bearing retainer	
9.	37-2001	Brake cam	2
10.	37-1996	Brake shoe complete	2
11.	42-5841	Brake shoe spring	2
12.	37-2026	Brake shoe abutment pad	
13.	37-2129	Brake anchor plate with gauze, less brake details	
14.	82-2351	Washer, for screw line 15	3
15.	21-1998	Screw, gauze fixing (Tapite 4-40 $\times \frac{5}{16}$ ")	3
16.	37-1991	Gauze shield, air scoop	
17.	37-3522	Brake lever return spring	
18.	37-3453	Brake lever (front)	
19.	37-2027	Washer, lever fixing nut (1-1/32" $\times$ 17/32" $\times$ 13 G.)	
20.	14-0303	Nut, lever fixing ($\frac{3}{8}$ " U.N.F.)	
21.	21-1995	Brake anchor plate nut	
22.	14-0401	Brake rod fork end locknut ($\frac{1}{4}$ " U.N.F.)	
23.	37-2005	Brake rod fork end	
24.	14-0303	Nut, rear lever fixing ($\frac{3}{8}$ " U.N.F.)	
25.	37-2027	Washer, rear lever fixing nut (1-1/32" $\times$ 17/32" $\times$ 13 G.)	
26.	37-2003	Brake rod	
27.	42-5836	Brake rod pivot pin	3
28.	60-2683	Split pin, pivot pin fixing ($\frac{1}{16}$ " $\times$ $\frac{3}{8}$ ")	3
29.	37-3454	Brake lever (rear)	
30.	37-2026	Brake shoe abutment pad	
31.	19-7734	Brake lining	2
32.	37-2059	Brake lining rivet	14
33.	42-5812	Spoke nipple	40
34.	37-1197	Balance weight ($\frac{3}{4}$ ")	as reqd.
35.	37-1198	Balance weight (1")	as reqd.
35.	37-1709	Spoke (right-hand inner)	10
36.	37-1708	Spoke (right-hand outer)	10
37.	37-1230	Rim (WM2-19, steel)	
38.	37-1328	Spoke (left-hand)	20
39.	37-2092	Screw, nave plate fixing (4 B.A. $\times \frac{1}{4}$ ")	3
40.	42-5820	Dust cap	
41.	57-0280	Circlip, dust cap fixing	
	37-3312	Wheel complete with spindle and bearings	
	37-3461	Brake anchor plate complete with brake details	

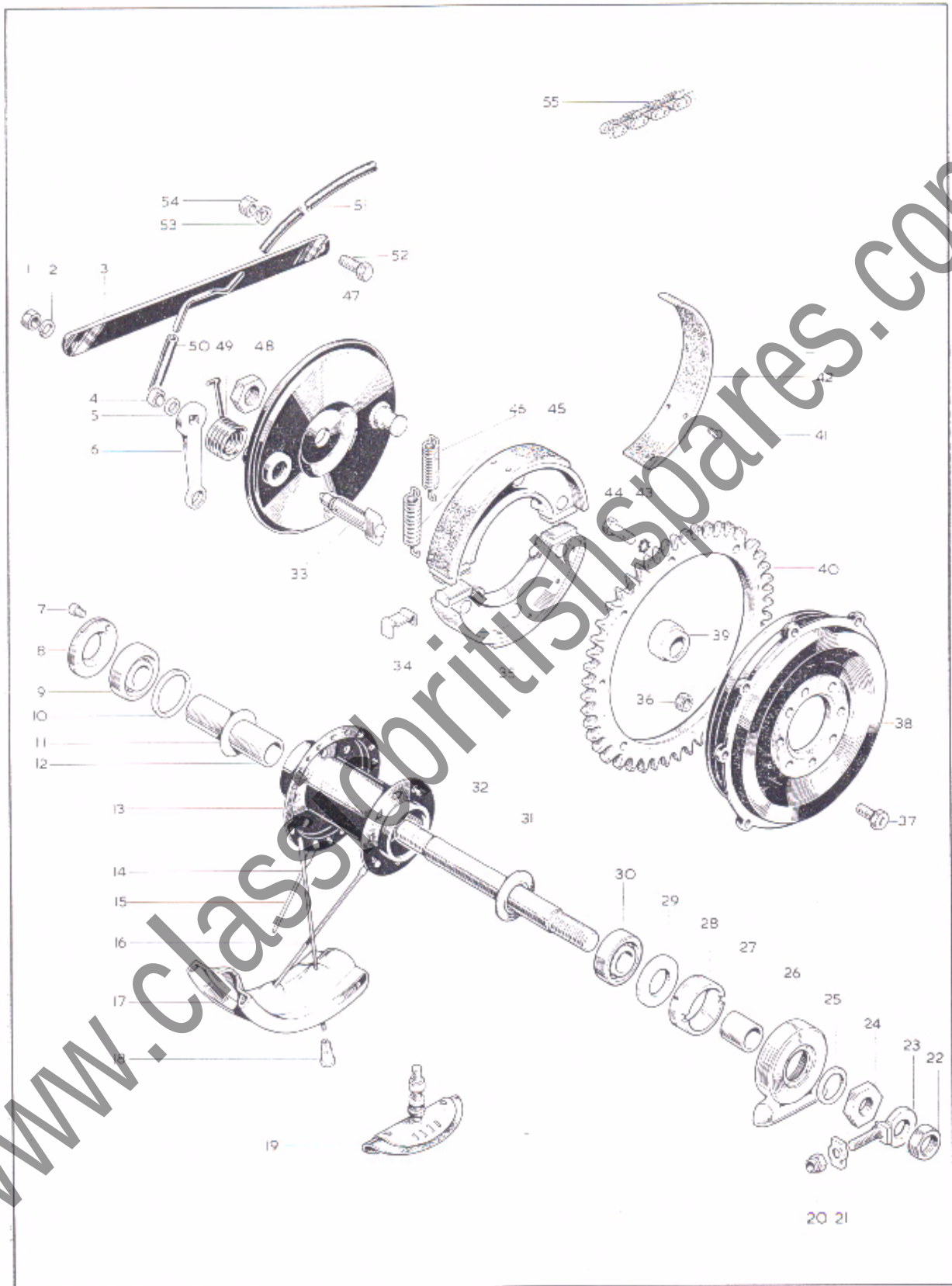


Plate 14

REAR WHEEL

Plate Ref.	Spares Number	Description	Per Set
1.	14-0304	Nut, torque stay to brake plate ($\frac{1}{16}$ " U.N.F.)	
2.	40-4071	Spring washer, for nut line 1	
3.	83-1687	Torque stay, brake plate	
4.	14-0403	Nut, brake lever to cam spindle ($\frac{3}{8}$ " U.N.F.)	
5.	37-2027	Washer, for nut line 4	
6.	37-2015	Lever, brake plate	
7.	37-1710	Locking screw, bearing retainer (drive-side)	
8.	37-3587	Bearing retainer (drive-side)	
9.	42-5819	Bearing, drive-side (Hoffman 120)	
10.	37-1022	Backing ring, drive-side bearing	
11.	37-1474	Grease retainer (drive-side)	
12.	37-1278	Spacer tube	
13.	37-3623	Hub with spindle and bearings	
14.	37-3575	Spoke (drive-side inner)	10
15.	37-1104	Spoke (drive-side outer)	10
16.	37-1106	Spoke (timing-side)	20
17.	37-0270	Wheel rim (WM3-19)	
18.	42-5812	Spoke nipple	40
19.	37-3468	Security bolt	2
20.	14-1902	Nut, wheel adjuster ($\frac{5}{16}$ " U.N.F.)	2
21.	40-6040	End plate, wheel adjuster	2
22.	21-0585	Nut, outer spindle ($\frac{3}{4}$ " U.N.E.F.)	2
23.	37-2089	Wheel adjuster	2
24.	21-2013	Retaining nut (timing-side $\frac{3}{4}$ " U.N.E.F.)	
25.	37-1280	Washer, for nut line 24	
26.	19-9221	Speedometer gearbox, m.p.h. and k.p.h. (Smiths BG.5330/168)	
27.	37-1477	Distance piece	
28.	37-3588	Speedometer drive ring	
29.	37-1654	Inner dust cap (timing-side)	
30.	42-5819	Bearing (Hoffman 120)	
31.	37-1635	Grease retainer (timing-side)	
32.	37-3589	Wheel spindle	
33.	37-3592	Brake cam spindle	
34.	41-6078	Pivot pad for brake shoe	2
35.	41-6076	Trailing brake shoe	
36.	14-1202	Nut, brake drum to hub ($\frac{5}{16}$ " U.N.F.)	8
37.	21-2011*	Bolt, brake drum to hub ($\frac{5}{16}$ " U.N.F. $\times \frac{3}{4}$ ")	8
38.	37-3585	Brake drum	
39.	37-1024	Distance piece, drive-side bearing	
40.	37-3412	Sprocket (53 teeth)	
41.	35-6436	Rivet, brake lining	16
42.	19-7711	Brake lining	2
43.	29-0541	Lockwasher, for bolt line 44	8
44.	21-2010*	Bolt, sprocket to brake drum ($\frac{1}{4}$ " U.N.F. $\times 13/16$ ")	8
45.	41-6073	Leading brake shoe	
46.	42-5841	Spring, brake shoe	2
47.	37-3590	Brake anchor plate less brake details	
48.	21-2014	Nut, inner drive-side spindle	
49.	37-1090	Return spring, brake lever	
50.	82-9997	Chain oiler pipe (short)	
51.	82-8919	Chain oiler pipe (long)	
52.	21-1802	Bolt, anchor strap to swinging arm ($\frac{7}{16}$ " U.N.F. $\times 27/32$ ")	
53.	40-4071	Spring washer, for nut line 54	
54.	14-0304	Nut, for bolt line 51 ($\frac{7}{16}$ " U.N.F.)	
55.	19-8693	Rear chain ($\frac{5}{8}$ " $\times \frac{3}{8}$ " $\times 108$ pitch)	
	37-3622	Rear wheel with spindle and bearings	
	37-3608	Rear brake anchor plate with brake details	

*Special material: 37.—EN8R. 44.—EN8R.

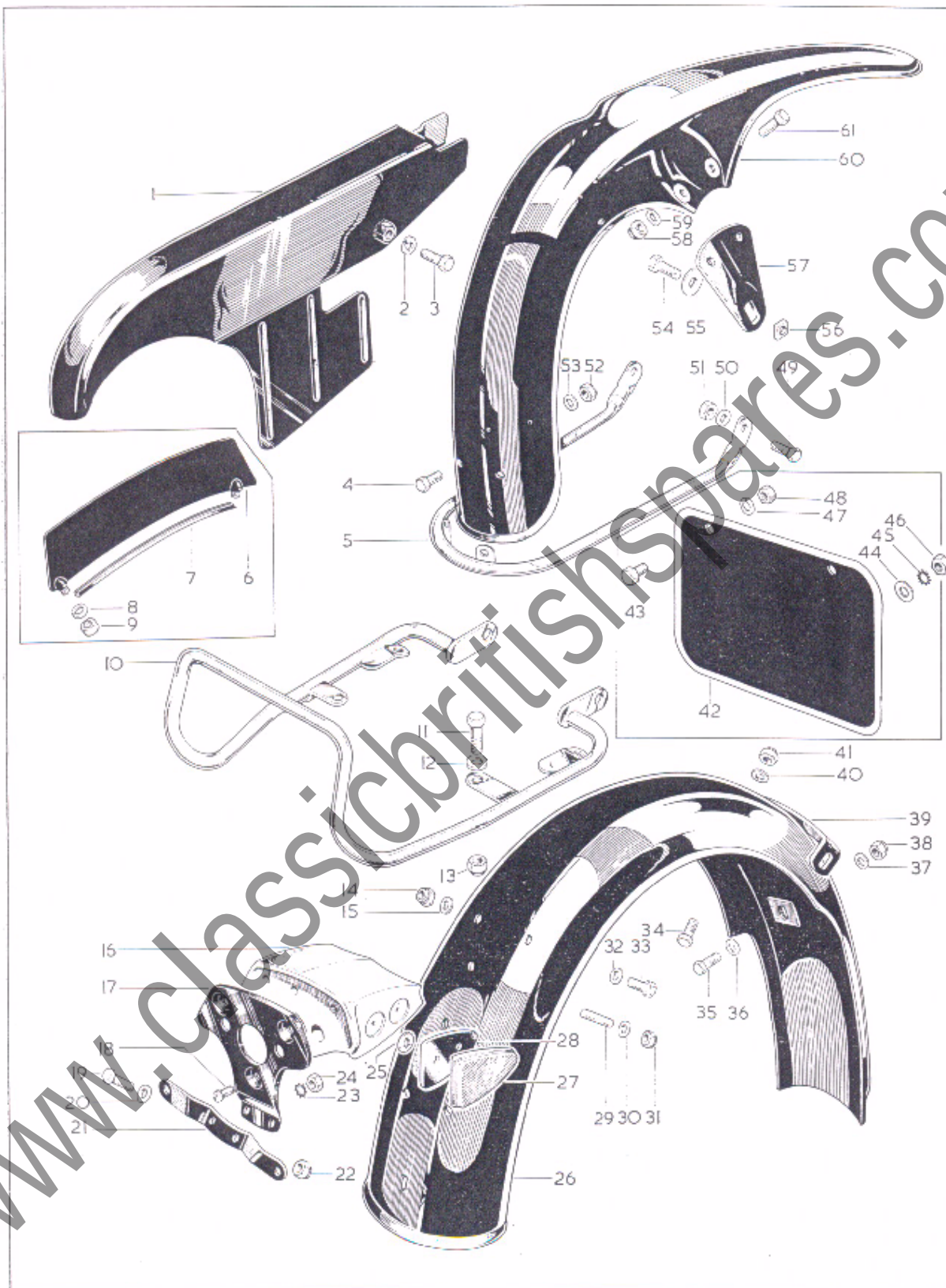


Plate 15

HANDRAIL, MUDGUARDS, CHAINGUARD

Plate Ref.	Spares Number	Description	Per Set
1.	82-8490	Rear chainguard	
2.	29-0541	Spring washer, chainguard bolt	
3.	14-0206	Chainguard bolt, front fixing ($\frac{1}{4}$ " U.N.F. $\times$ $1\frac{3}{4}$ ")	
4.	14-0101	Bolt, stay to mudguard ($\frac{1}{4}$ " U.N.F. $\times$ $\frac{1}{2}$ ")	2
5.	97-3897	Front mudguard stay	
6.	68-6524*	Front number plate	
7.	42-6558*	Number plate beading	
8.	82-9020*	Spring washer, number plate	2
9.	02-2395*	Nut, front number plate ($\frac{1}{4}$ " B.S.C.)	2
10.	82-8485	Handrail	
11.	21-1990	Bolt, handrail to frame ($\frac{5}{16}$ " U.N.F. $\times$ $\frac{5}{8}$ ")	2
12.	15-5155	Washer, handrail to frame ($\frac{5}{16}$ " $\times$ $\frac{1}{2}$ " $\times$.048")	2
13.	14-1202	Nut, handrail to frame ($\frac{5}{16}$ " U.N.F.)	2
14.	14-1301	Nut, mudguard to frame ($\frac{1}{4}$ " U.N.F.)	2
15.	27-8560	Washer, mudguard to frame	2
16.	82-9327	Rear lamp support	
17.	68-6829	Rear lamp support plate	
18.	54-9012	Screw, plate to support (2 B.A. $\times$ $1\frac{3}{32}$ ")	3
19.	14-0101	Bolt, number plate bracket ($\frac{1}{4}$ " U.N.F. $\times$ $\frac{1}{2}$ ")	2
20.	54-9081	Washer, number plate bracket	4
21.	68-6830	Number plate bracket	
22.	14-1201	Nut, number plate bracket bolt ($\frac{1}{4}$ " U.N.F.)	2
23.	54-0170	Lockwasher (bottom screw only)	
24.	21-5161	Nut for bottom screw (2 B.A.)	
25.	82-8195	Push-fix, rear side reflector	4
26.	82-8528	Rear mudguard (U.S.A.)	
26.	83-1632	Rear mudguard (standard)	
27.	19-0943	Rear side reflector (Lucas 57111)	2
28.	82-8140	Rubber pad, side reflector	2
29.	21-0547	Stud, rear lamp support ($\frac{1}{4}$ " U.N.C./U.N.F. $\times$ $\frac{7}{8}$ ")	
30.	42-5575	Washer, support stud	
31.	14-1201	Nut, support stud ($\frac{1}{4}$ " U.N.F.)	
32.	27-8560	Washer, mudguard to frame ($\frac{1}{4}$ " $\times$ $\frac{5}{8}$ " $\times$.048")	2

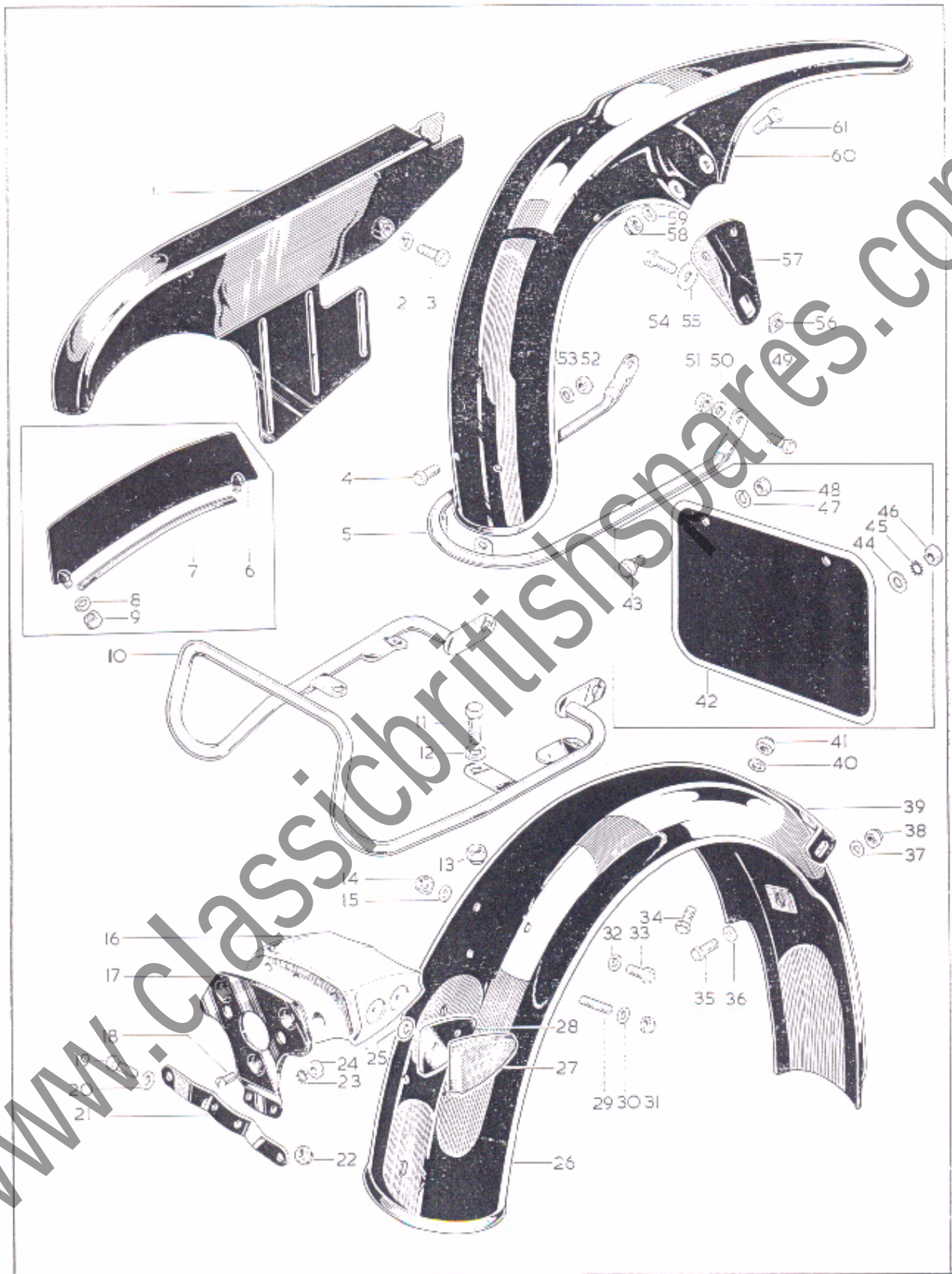
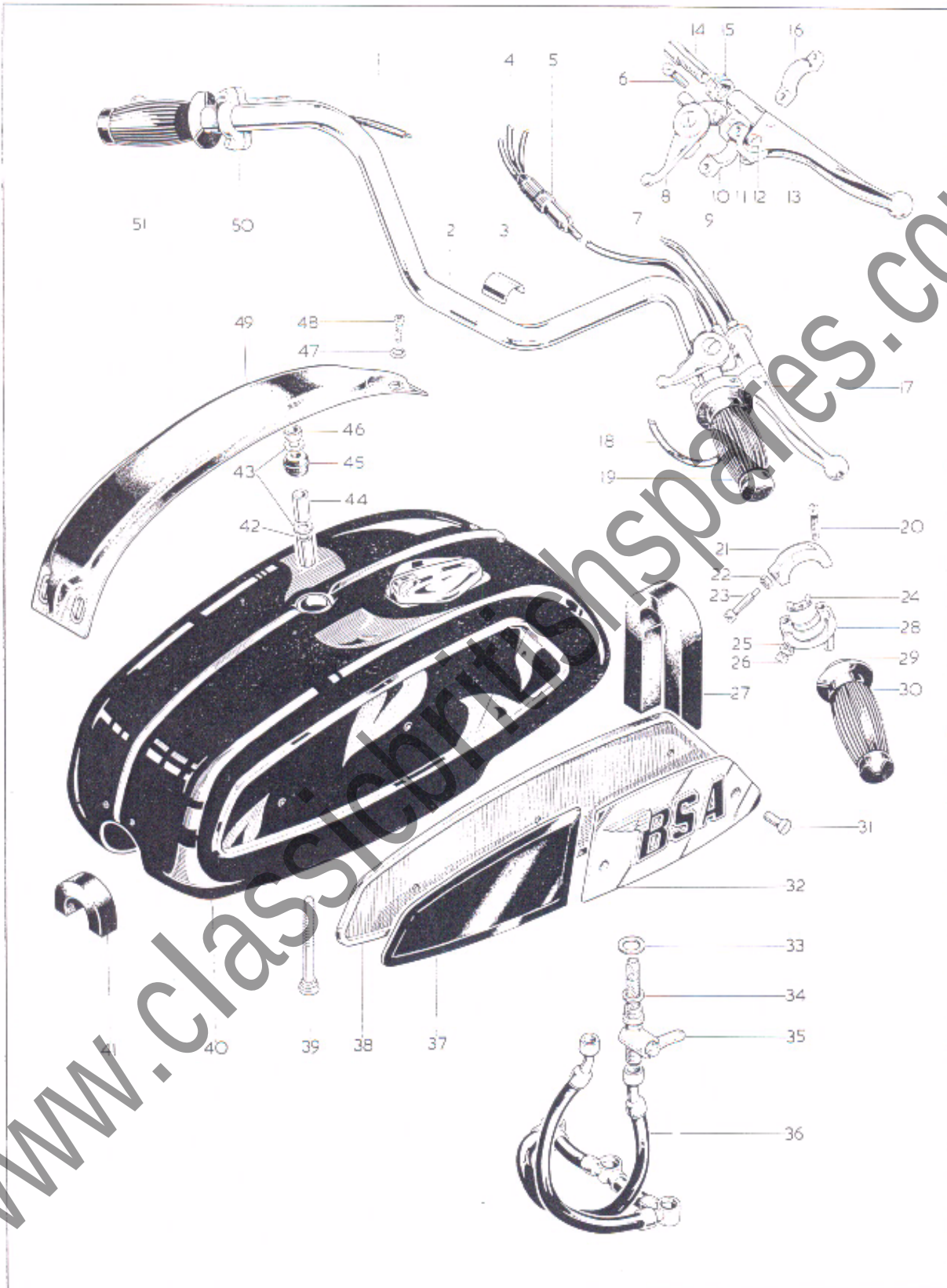


Plate 15—continued

HANDRAIL, MUDGUARDS, CHAINGUARD

Plate Ref.	Spares Number	Description	Per Set
33.	14-0101	Bolt, mudguard to frame ($\frac{1}{4}$ " U.N.F. $\times$ $\frac{1}{2}$ ")	2
34.	14-0113	Bolt, bridge to mudguard ($\frac{5}{16}$ " U.N.F. $\times$ $\frac{5}{8}$ ")	2
35.	14-0101	Bolt, mudguard to frame ($\frac{1}{4}$ " U.N.F. $\times$ $\frac{1}{2}$ ")	2
36.	27-8560	Washer, mudguard to frame	2
37.	27-8560	Washer, mudguard to frame	2
38.	14-1301	Nut, mudguard to frame ($\frac{1}{4}$ " U.N.F.)	2
39.	82-8518	Rear mudguard bridge	2
40.	02-0923	Washer, bridge to mudguard	2
41.	14-1302	Nut, bridge to mudguard ($\frac{5}{16}$ " U.N.F.)	2
42.	68-6837*	Rear number plate	2
43.	14-0604*	Top mounting bolt	2
44.	27-8560*	Washer, rear number plate	2
45.	29-0541*	Lockwasher, rear number plate	2
46.	21-5102	Nut, rear number plate ($\frac{1}{4}$ " B.S.F.)	2
47.	82-9020	Spring washer, rear number plate	2
48.	14-0301	Nut, rear number plate ($\frac{1}{4}$ " U.N.F.)	2
49.	14-0114	Bolt, stay to fork ($\frac{5}{16}$ " U.N.F. $\times$ $\frac{3}{4}$ ")	2
50.	54-0055	Washer, stay to fork ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	2
51.	14-0702	Nut, stay to fork ($\frac{5}{16}$ " U.N.F.)	2
52.	14-1301	Nut, stay to mudguard ($\frac{1}{4}$ " U.N.F.)	2
53.	02-0525	Washer, stay to mudguard ($\frac{1}{4}$ " $\times$ $\frac{1}{2}$ " $\times$.046")	2
54.	21-1822	Bolt, bracket to fork ($\frac{5}{16}$ " U.N.F. $\times$ $\frac{1}{2}$ ")	2
55.	54-5504	Washer, bracket to fork	2
56.	97-3926	Square nut, bracket to fork ($\frac{5}{16}$ " U.N.F.)	2
57.	82-8520	Front mudguard bracket	2
58.	14-1301	Nut, mudguard to bracket ($\frac{1}{4}$ " U.N.F.)	4
59.	02-0525	Washer, mudguard to bracket	4
60.	97-3919	Front mudguard (standard)	4
60.	97-3896	Front mudguard (U.S.A.)	4
61.	14-0101	Bolt, mudguard to bracket ($\frac{1}{4}$ " U.N.F. $\times$ $\frac{1}{2}$ ")	4

*Except U.S.A. models



PETROL TANK, HANDLEBAR AND CONTROLS

Plate Ref.	Spares Number	Description	Per Set
	B.S.A. NO. MAKERS NO.		
1.	60-2445	Clutch control cable	
2.	40-4960	Handlebar	
3.	75-4909	Handlebar sleeve	4
4.	60-2060	Air control cable, right-hand (carburetter to junction box) ..	
4.	60-2061	Air control cable, centre (carburetter to junction box) ..	
4.	60-2062	Air control cable, left-hand (carburetter to junction box) ..	
5.	60-1978	Junction box, air control cable	
6.	11/014	Brake lever clamp screw (short)	
6.	11/013	Brake lever clamp screw (long)	
6.	11/014	Clutch lever clamp screw	2
7.	60-1968	Air control cable, junction box to lever	
8.	12/556	Air control lever assembly	
9.	60-2076	Front brake cable complete	
10.	19/001	Brake control lever body	
10.	19/002	Clutch control lever body	
11.	18/053	Clutch and brake lever fulcrum pin nut	2
12.	18/087	Clutch and brake lever fulcrum pin	2
13.	18/754	Brake lever only	
13.	18/752	Clutch lever only	
14.	60-2071	Brake and clutch cable adjuster ($\frac{3}{8}$ " U.N.F.)	2
15.	60-2072	Brake and clutch cable adjuster locknut ($\frac{3}{8}$ " U.N.F.)	2
16.	12/595	Clutch lever clamp	
17.	60-2241	19/978M Front brake and air control complete	
18.	60-2202	Throttle control cable	
19.	19-7237	364/11 Throttle control complete	
20.	11/013	Body screw, throttle control	2
21.	364/013	Body top half, throttle control	
22.	5/077	Locknut, rotor stop screw	
23.	364/020	Adjusting screw, rotor stop	
24.	16/008	Friction spring, throttle control	
25.	16/010	Locknut, friction spring screw	

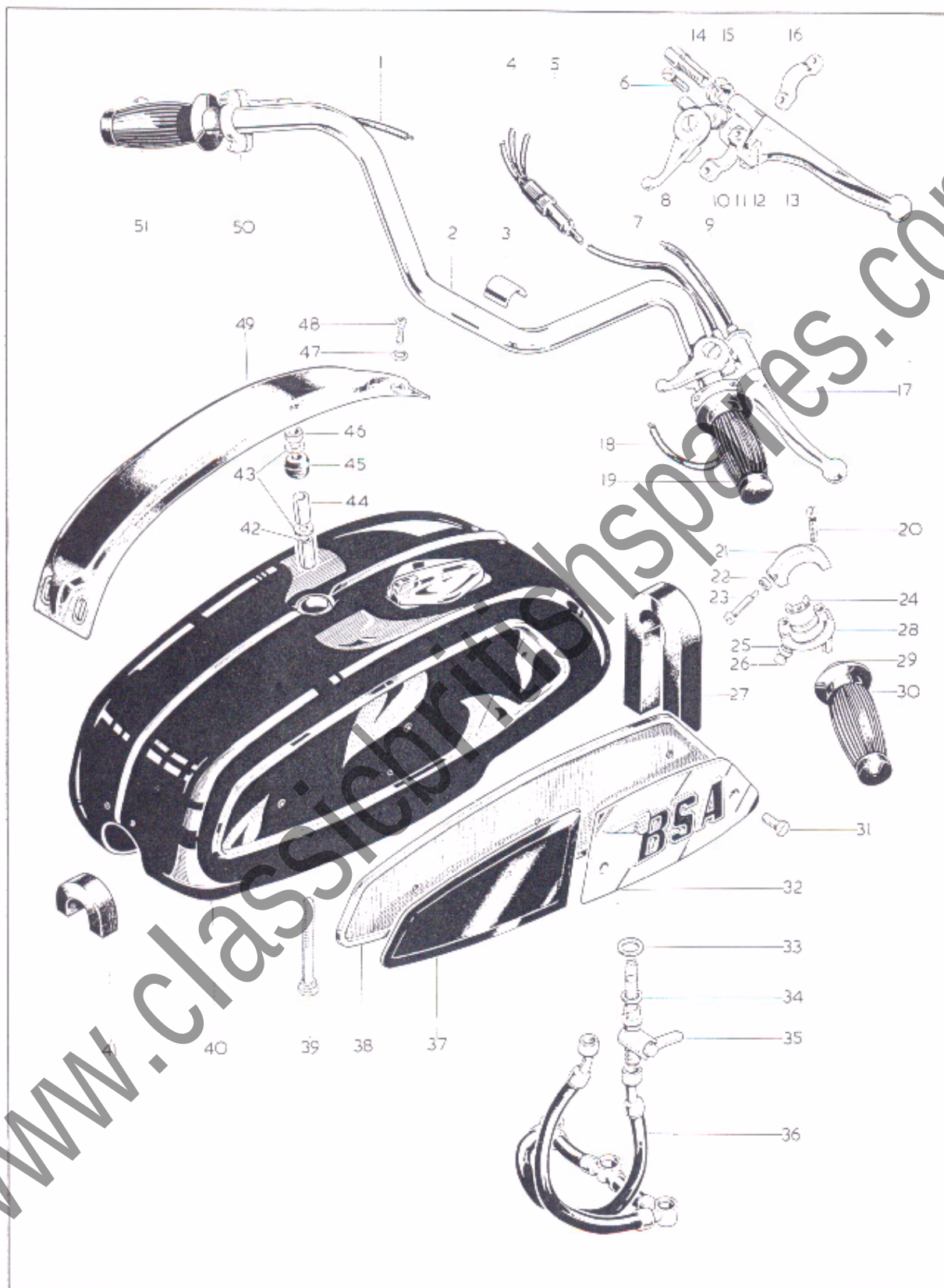
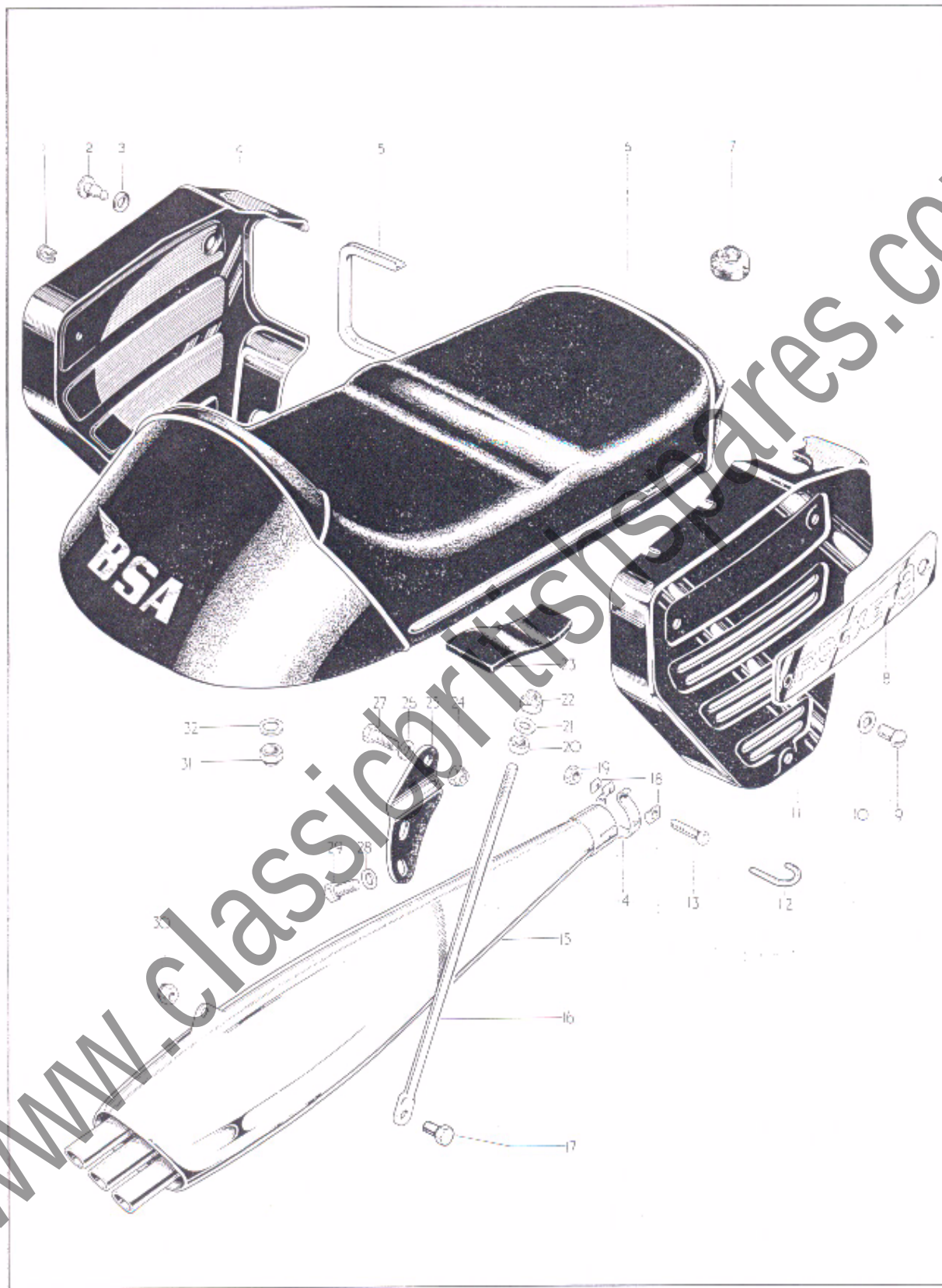


Plate 16—Contd.

PETROL TANK, HANDLEBAR AND CONTROLS

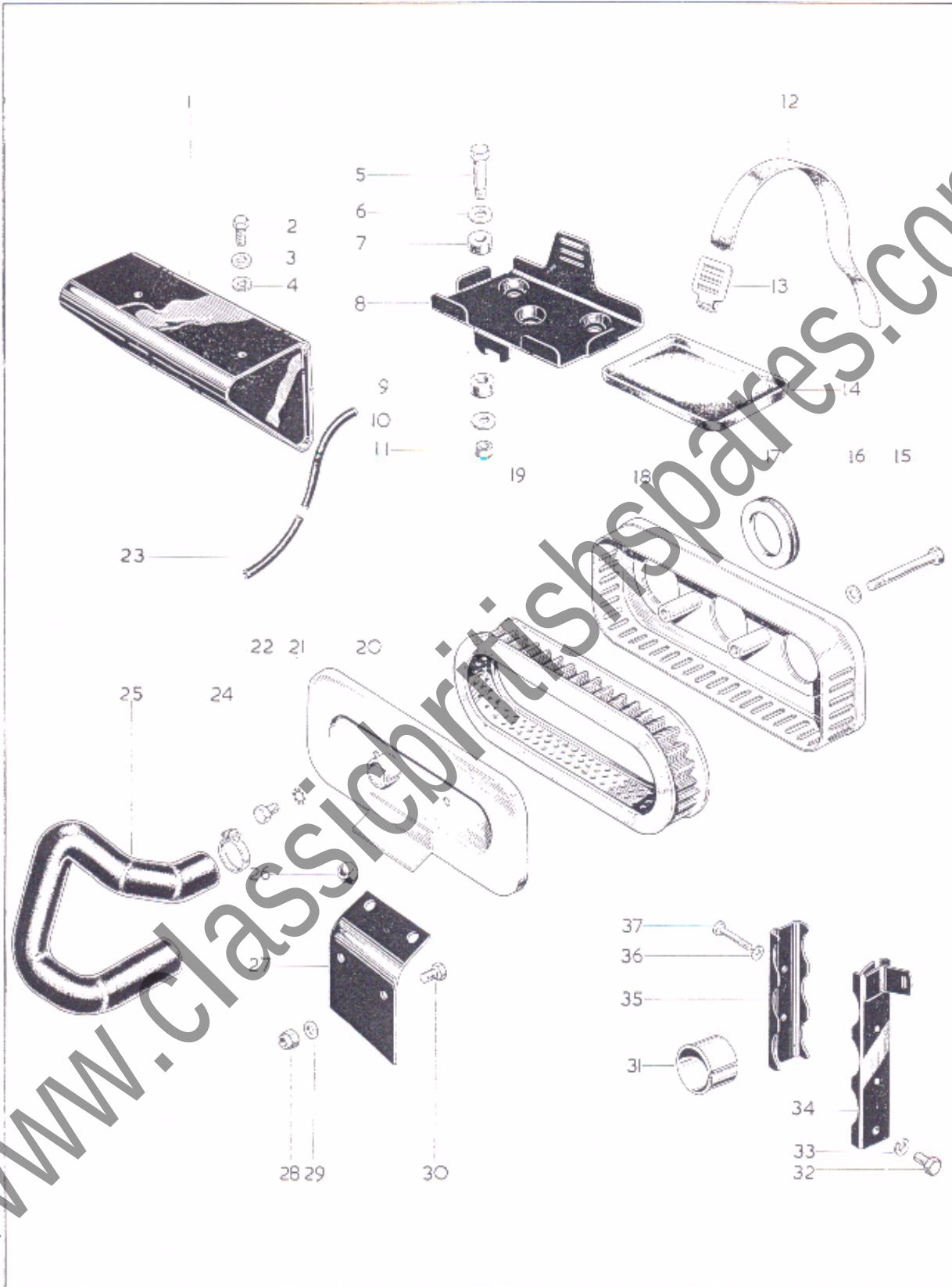
Plate Ref.	Spares Number	Description	Per Set
	B.S.A. NO.	MAKERS NO.	
26.		16/009	Screw, friction spring
27.	82-9919		Tank mounting rubber (front)
28.		364/014	Body bottom half, throttle control
29.		364/017	Rotor, throttle control
30.	19-7222		Handlebar grip (right-hand)
31.	21-6206		Screw, badge and panel mounting (2 B.A. $\times \frac{1}{2}$ ")
32.	82-8610		Tank badge (left-hand)
32.	82-8611		Tank badge (right-hand)
33.	83-0002		Seal washer, petrol tap
34.	70-7351		Petrol tap seal
35.	82-4972		Main petrol tap
35.	82-4971		Reserve petrol tap
36.	82-9436		Petrol pipe assembly
37.	82-8591		Knee grip (right-hand)
37.	82-8590		Knee grip (left-hand)
38.	82-8589		Tank panel (right-hand)
38.	82-8588		Tank panel (left-hand)
39.	21-1993		Tank mounting bolt ($\frac{1}{16}$ " U.N.F. $\times \frac{3}{16}$ ")
40.	82-8391		Petrol tank with fixed fittings
41.	82-9920		Tank mounting rubber (rear)
42.	82-8327		Spacer tube, tank mounting
43.	03-0101		Washer, tank mounting
44.	76-4120		Spacer tube, tank mounting
45.	40-8085		Tank mounting rubber
46.	14-0302		Nut, for bolt line 39 ($\frac{5}{16}$ " U.N.F.)
47.	82-8947		Washer, for screw line 48
48.	82-8946		Screw, petrol tank styling strip (2 B.A. $\times \frac{5}{8}$ ")
49.	82-8609		Petrol tank styling strip
50.	60-2242	19/952M	Clutch control complete
51.	68-8717		Handlebar grip (left-hand)

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



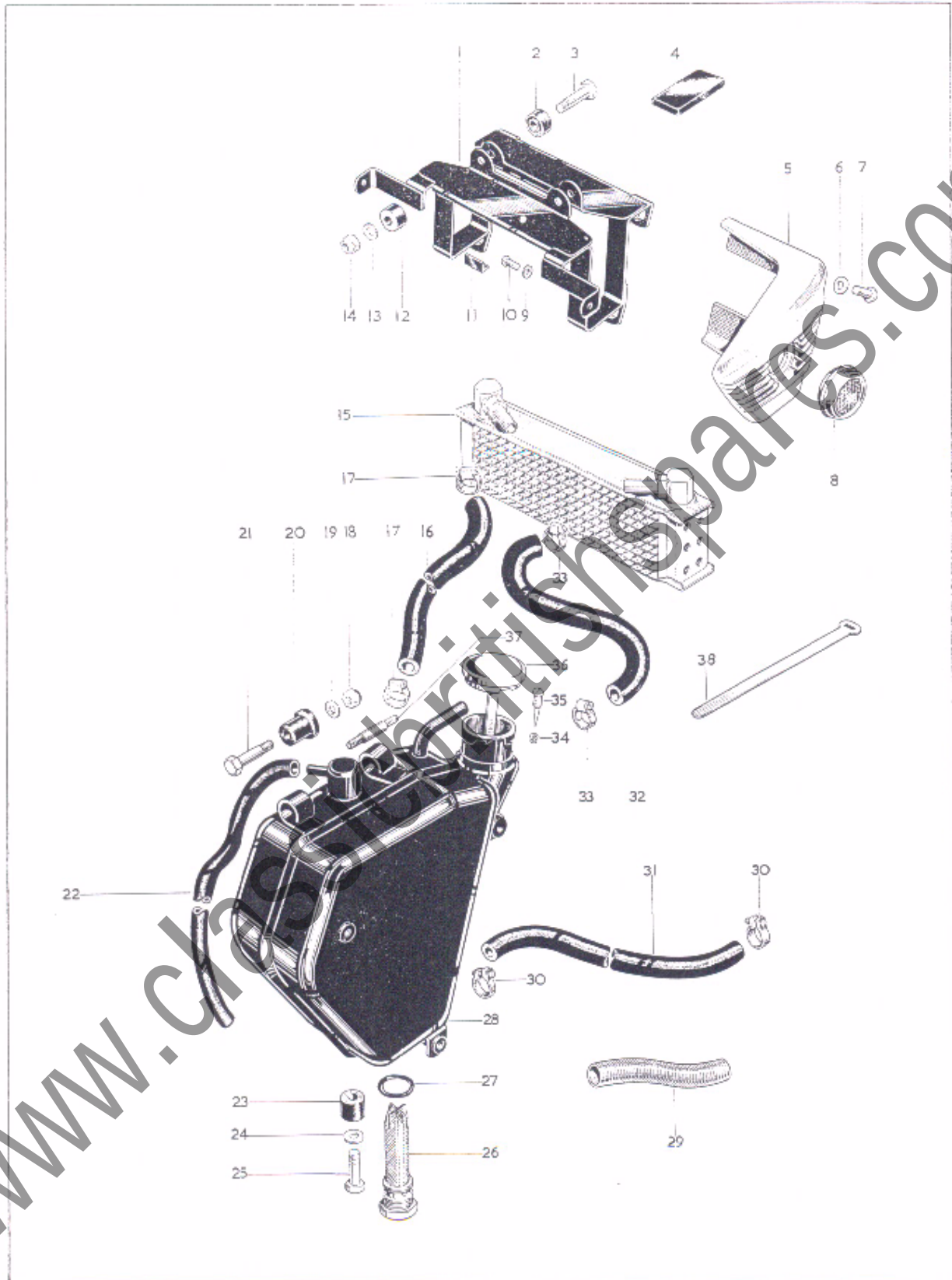
TWINSEAT, SIDECOVERS, SILENCERS

Plate Ref.	Spares Number	Description	Per Set
1.	97-2273	Clutch cable clip	
2.	68-9223	"Oddie" stud, left-hand sidecover	
2.	83-1430	Sidecover fastener	2
3.	68-9226	"Oddie" stud rubber	3
4.	82-8850	Sidecover complete (left-hand)	
5.	82-8744	Styling strip, sidecovers	2
6.	82-8942	Twinseat complete	
7.	40-8046	Front mounting rubber, twinseat	2
8.	60-0853	Sidecover name plate (right-hand)	
8.	60-0854	Sidecover name plate (left-hand)	
9.	21-0767	Screw, sidecover to oil tank ($\frac{1}{4}$ " U.N.F. $\times \frac{7}{16}$ ")	
9.	21-1979	Screw, sidecover to oil tank	2
10.	82-9964	Rubber washer, sidecover to oil tank screw	3
11.	82-8849	Sidecover complete (right-hand)	
12.	83-1456	Protective strip, sidecover (right-hand)	
13.	14-0219	Bolt, silencer to exhaust pipe clip ($\frac{5}{16}$ " U.N.F. $\times 1\frac{1}{2}$ ")	2
14.	54-2537	Clip, silencer to exhaust pipe	2
15.	70-9037	Silencer (right-hand)	
15.	70-9036	Silencer (left-hand)	
16.	82-8519	Silencer support stay	2
17.	14-0101	Bolt, support stay to silencer ($\frac{1}{2}$ " U.N.F. $\times \frac{1}{2}$ ")	2
18.	75-2719	Saddle washer, silencer clip	4
19.	14-1302	Nut, silencer clip bolt ($\frac{5}{16}$ " U.N.F.)	2
20.	14-0302	Nut, support stay to handrail ($\frac{5}{16}$ " U.N.F.)	2
21.	02-0923	Washer, support stay to handrail ($\frac{5}{16}$ " $\times \frac{5}{8}$ " $\times \frac{1}{16}$ ")	2
22.	14-1902	Nut, support stay to handrail ($\frac{5}{16}$ " U.N.F.)	2
23.	82-8667	Support rubber, twinseat	2
24.	14-1303	Nut, bracket to silentbloc ($\frac{3}{8}$ " U.N.F.)	2
25.	82-8584	Silencer bracket (left-hand)	
25.	82-8583	Silencer bracket (right-hand)	
26.	02-1733	Washer, bracket to silentbloc	2
27.	14-0129	Bolt, bracket to silentbloc ($\frac{3}{8}$ " U.N.F. $\times 1\frac{1}{4}$ ")	2
28.	76-0012	Washer, bracket to silencer—left-hand ($21/64$ " $\times 9/16$ " $\times 3/32$ ")	2
28.	54-8003	Washer, bracket to silencer—right-hand	2
29.	14-0113	Bolt, bracket to silencer—left-hand ($\frac{5}{16}$ " U.N.F. $\times \frac{5}{8}$ ")	2
29.	21-1822	Bolt, bracket to silencer—right-hand ($\frac{5}{16}$ " U.N.F. $\times \frac{1}{2}$ ")	2
30.	14-1301	Nut, support stay to silencer bolt ($\frac{1}{4}$ " U.N.F.)	2
31.	14-1202	Nut, twinseat mounting ($\frac{5}{16}$ " U.N.F.)	2
32.	15-5155	Washer, twinseat mounting ($\frac{5}{16}$ " $\times \frac{5}{8}$ " $\times .040$ ")	2



TOOLBOX, BATTERY CARRIER, AIR CLEANER

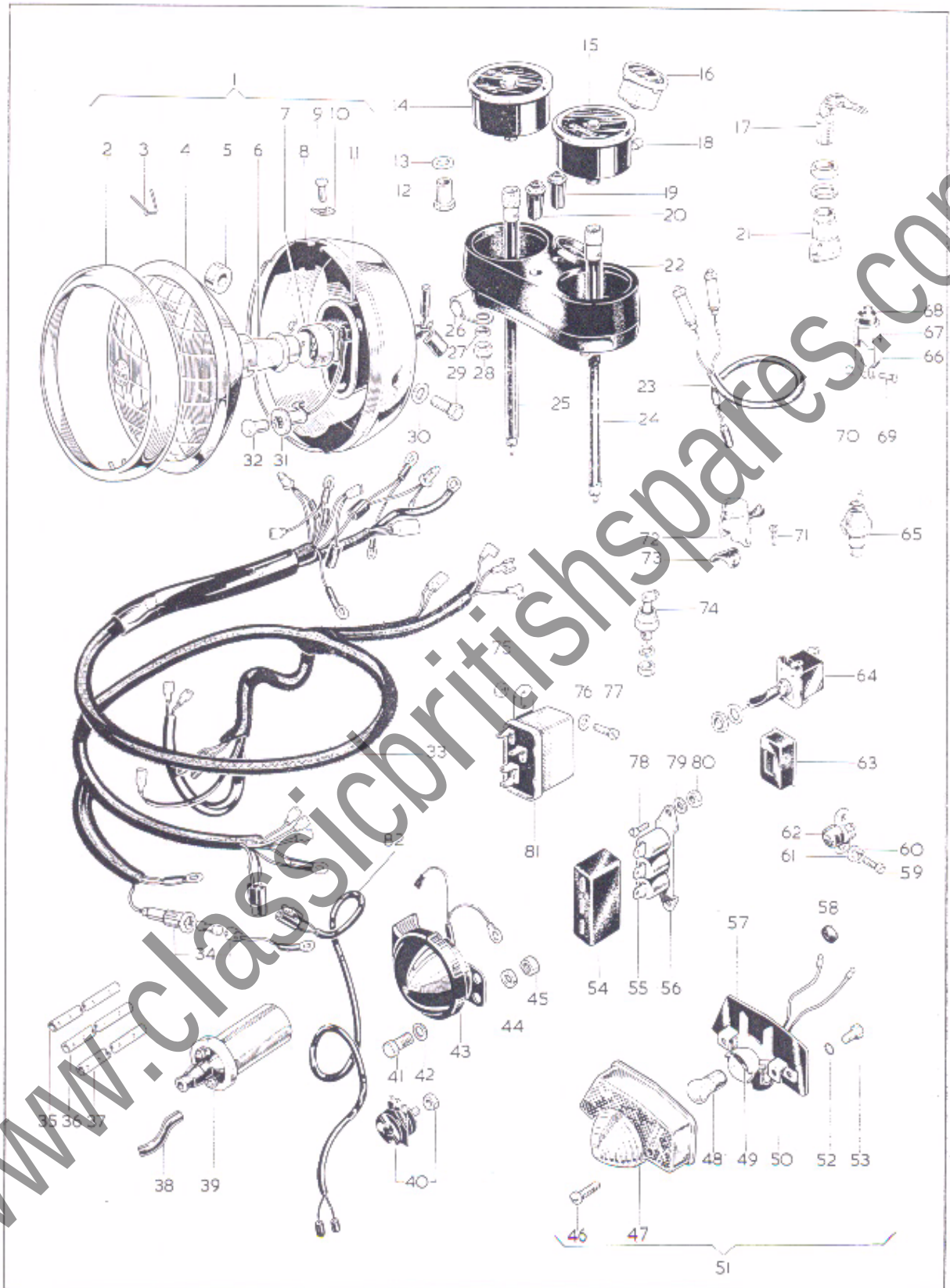
Plate Ref.	Spares Number	Description	Per Set
1.	82-8495	Toolbox	
2.	14-0101	Bolt, toolbox to frame ($\frac{1}{4}$ " U.N.F. $\times \frac{1}{2}$ ")	2
3.	02-0525	Washer, toolbox to frame	2
4.	82-9020	Spring washer, toolbox to frame bolt ($\frac{1}{4}$ " $\times 19/32$ " $\times .040$ ")	2
5.	21-0768	Bolt, battery carrier to frame ($\frac{5}{16}$ " U.N.F. $\times 1\frac{1}{8}$ ")	3
6.	02-2138	Washer (top), battery carrier to frame bolt ($\frac{3}{8}$ " $\times \frac{3}{4}$ " $\times \frac{1}{16}$ ")	3
7.	40-4524	Rubber, battery carrier to frame	3
8.	82-8463	Battery carrier	
9.	40-4524	Rubber, battery carrier to frame	3
10.	82-9008	Washer (bottom), battery carrier to frame bolt	3
11.	14-1202	Nut, battery carrier to frame ($\frac{5}{16}$ " U.N.F.)	3
12.	68-4577	Battery strap	
13.	82-9004	Battery strap hook	
14.	68-4597	Battery tray	
15.	14-0213	Bolt, air cleaner box ($\frac{1}{4}$ " U.N.F. $\times 3\frac{1}{2}$ ")	2
16.	40-2705	Washer, for bolt line 15 ($17/64$ " $\times 15/32$ " $\times \frac{1}{16}$ ")	2
17.	82-9562	Grommet, air cleaner box	3
18.	82-9675	Air cleaner box	
19.	82-9845	Air cleaner element	
20.	82-8969	Air cleaner cover	
21.	29-0541	Lockwasher, air cleaner cover ($17/64$ " $\times 15/32$ " $\times .024$ ")	2
22.	14-0101	Bolt, air cleaner cover ($\frac{1}{4}$ " U.N.F. $\times \frac{1}{2}$ ")	2
23.	82-7431	Battery vent pipe	
24.	60-0706	Clip, breather pipe to air cleaner	2
25.	82-8743	Engine breather pipe	
26.	82-7835	Rubber buffer, support bracket	2
27.	82-9682	Support bracket	
28.	14-1202	Nut, bracket to frame bolt ($\frac{1}{4}$ " U.N.F.)	2
29.	02-0525	Washer, bracket to frame bolt ($\frac{1}{4}$ " $\times \frac{1}{2}$ " $\times .048$ ")	2
30.	14-0101	Bolt, bracket fixing ($\frac{1}{4}$ " U.N.F. $\times \frac{1}{2}$ ")	2
31.	82-9654	Sleeve for coils	3
32.	14-0101	Bolt, coil support to frame ($\frac{1}{4}$ " U.N.F. $\times \frac{1}{2}$ ")	
33.	82-9020	Spring washer, coil support to frame bolt ($\frac{1}{4}$ " $\times 19/32$ " $\times .040$ ")	
34.	83-1384	Coil support complete	
35.	82-8549	Coil clamp	
36.	24-7068	Spring washer, coil clamp bolt	2
37.	21-1981	Bolt, coil clamp (number 10 U.N.F. $\times 2$ ")	2



OIL TANK AND OIL COOLER

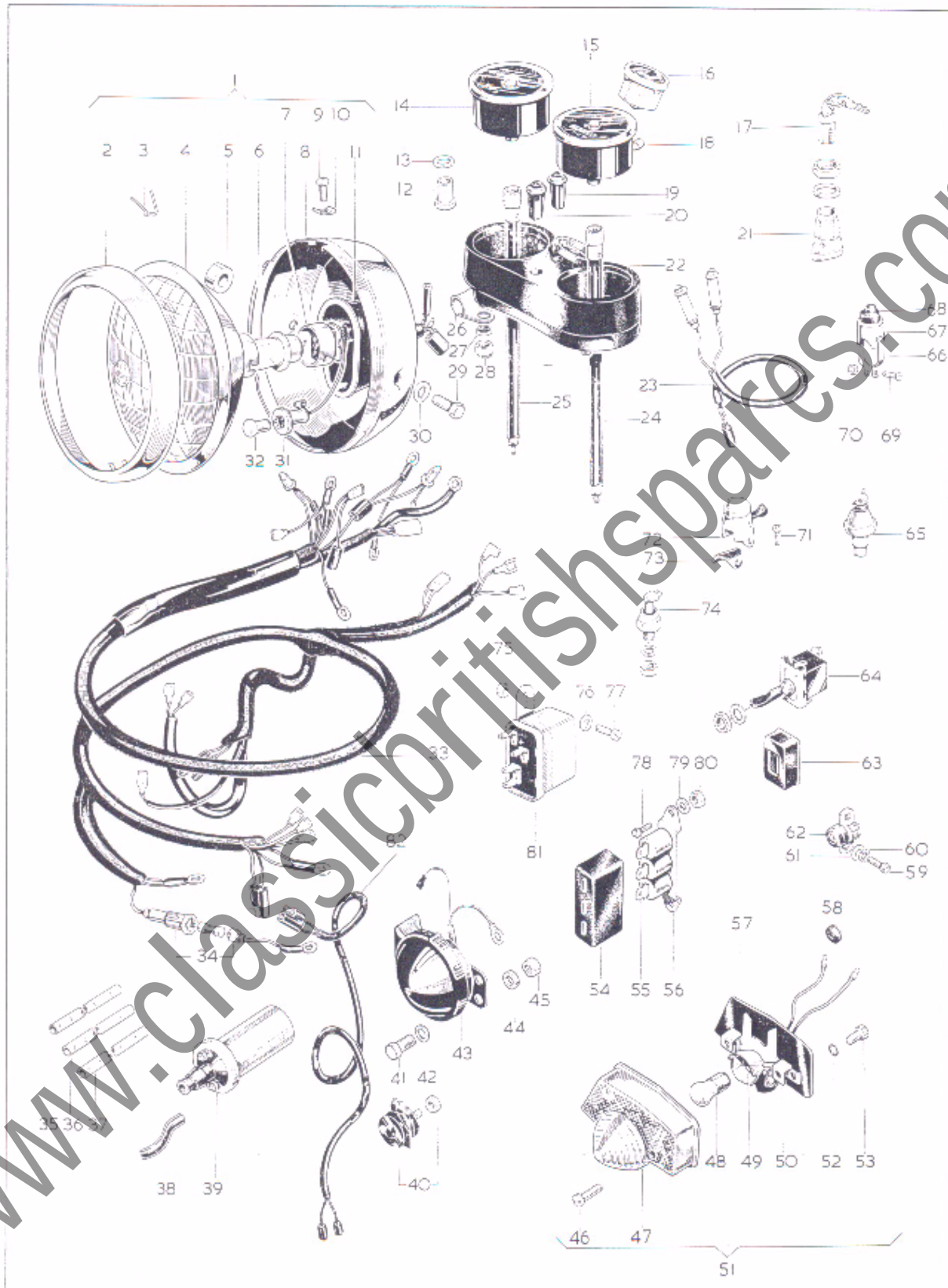
Plate Ref.	Spares Number	Description	Per Set
1.	82-9687	Oil cooler cradle	
2.	82-8657	Rubber, oil cooler mounting	2
3.	21-0752	Bolt, oil cooler mounting ($\frac{1}{4}$ " U.N.F. $\times$ 1-15/64")	2
4.	82-8667	Rubber pad, petrol tank to cooler cradle	2
5.	82-8628	Oil cooler cover (left-hand)	
5.	82-8629	Oil cooler cover (right-hand)	
6.	02-0525	Washer, cover fixing—front ($\frac{1}{4}$ " $\times$ $\frac{1}{2}$ " $\times$.048")	4
7.	21-0761	Screw, cover fixing—front ($\frac{1}{4}$ " U.N.F. $\times$ 9/16")	4
8.	19-0987	Side reflector (Lucas 57161)	2
9.	02-1096	Washer, cover fixing—rear ($\frac{3}{16}$ " $\times$ $\frac{3}{8}$ " $\times$.044")	2
10.	21-0762	Screw, cover fixing—rear (Posidrive number 10 $\times$ 9/16")	2
11.	82-9322	Packing rubber, oil cooler to strap	8
12.	82-8657	Rubber, cooler cradle mounting	2
13.	02-0525	Washer, cooler cradle mounting ($\frac{1}{4}$ " $\times$ $\frac{1}{2}$ " $\times$.048")	2
14.	14-1301	Nut, cooler cradle mounting ($\frac{1}{4}$ " U.N.F.)	2
15.	82-9315	Oil cooler	
16.	70-8906	Flexible pipe, oil cooler to rocker box	
17.	60-0702	Clip, flexible oil pipe	2
18.	14-1301	Nut, oil tank top mounting ($\frac{1}{4}$ " U.N.F.)	3
19.	27-8560	Washer, oil tank top mounting ($\frac{1}{4}$ " $\times$ $\frac{5}{8}$ " $\times$.048")	4
20.	40-8436	Rubber, oil tank top mounting	2
21.	21-0754	Bolt, oil tank top mounting ($\frac{1}{4}$ " U.N.F. $\times$ 1 $\frac{3}{8}$ ")	
22.	82-9664	Breather pipe, oil tank	
23.	82-8459	Rubber, bottom oil tank mounting	
24.	02-0923	Washer, bottom oil tank mounting ($\frac{5}{16}$ " $\times$ $\frac{5}{8}$ " $\times$ $\frac{1}{16}$ ")	
25.	14-0217	Bolt, bottom oil tank mounting ($\frac{5}{16}$ " U.N.F. $\times$ 1 $\frac{1}{4}$ ")	
26.	83-1387	Oil tank filter plug complete	
27.	68-0610	"O" ring, filter plug	
28.	83-1766	Oil tank with fixed fittings	
29.	82-9530	Oil feed pipe spring	
29.	82-9531	Oil return pipe spring	
30.	70-6848	Clip, flexible oil feed pipe	2
31.	70-8904	Flexible pipe, oil tank to engine	
32.	70-8907	Flexible pipe, cooler to tank	
33.	60-0702	Clip, flexible oil pipe	2
34.	82-6874	Metering screw spring	
35.	82-9435	Metering screw, chain oiler ($\frac{1}{4}$ " U.N.F. $\times$ 29/64")	
36.	82-8627	Filler cap, dipstick	
37.	83-1386*	Stud, oil tank front fixing ($\frac{1}{4}$ " U.N.F./U.N.F. $\times$ 1-9/16")	
38.	82-9918	Clip, oil pipes to frame	4

*Special material: 37.—EN14B.



ELECTRICAL EQUIPMENT

Plate Ref.	Spares Number	Description	Per Set
1.	19-0981	Headlamp complete, standard (Lucas 59892)	
1.	19-1149	Headlamp complete, Europe (Lucas 59894)	
2.		Headlamp rim (Lucas 553248)	
3.		Wire fixing light unit (Lucas 504665)	6
4.		Light unit, standard (Lucas 516798)	
4.		Light unit, Europe (Lucas 54522680)	
4.	19-1043	Light unit, West Germany and Italy (Lucas 516801)	
5.	97-1932	Headlamp spacer	2
6.		Main bulb, standard (Lucas 446)	
6.		Main bulb, Europe (Lucas 410)	
6.	19-1044	Main bulb, West Germany and Italy (Lucas 370)	
7.		Sleeve, terminal (Lucas 555910)	
8.		Lamp body (Lucas 54524099)	
9.		Screw fixing, headlamp rim (Lucas 144921)	
10.		Plate for rim screw (Lucas 534296)	
11.		Extension cover (Lucas 54524048)	
12.	97-3632	Sleeve nut, speedometer/tachometer mounting (10 U.N.F.)	4
13.	70-8770	Washer, for nut line 12	4
14.	19-8953	Tachometer head (Smiths RSM.3003/13)	
15.	19-8948	Speedometer head, m.p.h. (Smiths SSM.5007/00)	
15.	19-8949	Speedometer head, k.p.h. (Smiths SSM.5007/01)	
16.	19-1164	Ammeter (Lucas 36421)	
17.	82-6981	Ignition lock and key (Wilmot Breedon 1-6280)	
18.	19-9080	Speedometer trip shaft (Smiths 41-148-203-10)	
19.	19-0982	High beam warning light, green (Lucas 38191)	
20.	19-0965	Oil pressure warning light, red (Lucas 38189)	
21.	19-1775	Ignition switch (Lucas 31899)	
22.	97-2297	Binnacle complete	
23.	19-1303	Light lead for speedometer/tachometer (Lucas 54953446)	
24.	19-9090	Speedometer cable (Smiths)	
25.	19-9091	Tachometer cable (Smiths DE.911/00)	
26.	75-9046	Cable clip	
27.	40-2705	Washer, binnacle mounting	4
28.	14-1201	Nut, binnacle mounting (1/4" U.N.F.)	4
29.		Washer, headlamp mounting (Lucas 137498)	2
30.		Bolt, headlamp mounting (Lucas 112201)	2
31.		Pilot bulb holder (Lucas 54573590)	
32.		Interior, pilot bulb holder (Lucas 553780)—not illustrated	
		Pilot bulb (Lucas 989)	
		*Adaptor, headlamp—Europe (Lucas 553738)—not illustrated	
		*Spring, retaining main bulb—Europe (Lucas 556442)—not illustrated	
33.	19-1304	Main wiring harness (Lucas 54955800)	
34.		Fuse holder complete (Lucas 54190387)	
34.		Fuse only, 35 amp. (Lucas 188218)	
35.	19-1874	Identification sleeve for high-tension lead number 1	
36.	19-1875	Identification sleeve for high-tension lead number 2	
37.	19-1876	Identification sleeve for high-tension lead number 3	
38.	19-1882	High-tension lead (Lucas 54956435) for use with Lucas coil	3
39.	19-1881	High-tension coil (Lucas 45221)	3
40.	19-1715	Rectifier with nut (Lucas 49072)	



ELECTRICAL EQUIPMENT

Plate Ref.	Spares Number	Description	Per Set
41.	14-0104	Bolt, horn mounting ($\frac{1}{4}$ " U.N.F. $\times \frac{7}{8}$ ")	4
42.	02-0525	Washer, horn mounting ($\frac{1}{4}$ " $\times \frac{1}{2}$ " $\times .048$ ")	8
43.	19-2076	Windtone horn, right-hand (Clearhooter SF72511)	
43.	19-2077	Windtone horn, left-hand (Clearhooter SF72511)	
44.	57-3638	Spacer, horn to frame	4
45.	14 1901	Nut, horn mounting ($\frac{1}{4}$ " U.N.F.)	4
46.		Screw for stop lamp lens (Lucas 144921)	
47.		Lens for stop lamp (Lucas 54577109)	
48.		Bulb for stop lamp (Lucas 380)	
		Interior, bulb holder (Lucas 573828)— <i>not illustrated</i>	
49.		Bulb holder assembly (Lucas 54578213)	
50.		Base assembly (Lucas 54578212)	
51.	19-1245	Stop/tail lamp (Lucas 53973)	
52.		Washer, for fixing screw (Lucas 188330)	2
53.		Screw for fixing lamp (Lucas 110714)	2
54.	19-1848	Rubber cover, condenser pack (Lucas 54418528)	
55.	19-1847	Condenser (Lucas 54420128)	3
56.	19-1861	Condenser base plate (Lucas 54418526)	
57.		Gasket, stop/tail lamp (Lucas 54571677)	
58.	19-1873	Grommet, for tail lamp leads (Lucas 199001)	2
59.	21-0770	Screw, stop switch mounting (number 10 U.N.F. $\times \frac{1}{2}$ ")	2
60.	24-0978	Spring washer, stop switch mounting ($\frac{1}{4}$ " $\times \frac{1}{16}$ " (19 G))	2
61.	02-1096	Washer, stop switch mounting ($\frac{3}{16}$ " $\times \frac{3}{8}$ " $\times .044$ ")	2
62.	19-0916	Stop lamp switch (Lucas 34815)	
63.	82-9692	Rubber cover for light switch, line 64	
64.	19-1030	Light switch (Lucas 31788)	
65.	19-6508	Oil pressure switch (Smiths 5300/1/07)	
66.	68-9351	Clip, cut-out switch mounting	2
67.	97-2259	Cup, ignition cut-out switch	
68.	19-1152	Ignition cut-out switch (Lucas 35835)	
69.	54-6510	Screw, cut-out switch mounting clip	
70.	21-5160	Nut, for screw line 69 (2 B.S.A.)	
71.	97-1994	Screw, dipper switch to handlebar (number 6 $\times$ 32 Tapdite)	2
72.	19-1150	Horn and dipper switch less cable (Lucas 31563)	
73.	19-1153	Mounting pad for dipper switch (Lucas 380459)	
74.	19-1735	Zener diode (Lucas 49345)	
75.	21-0778	Nut, horn relay mounting (number 10 U.N.F.)	2
76.	02-1096	Washer, horn relay mounting ($\frac{3}{16}$ " $\times \frac{3}{8}$ " $\times .044$ ")	2
77.	21-0762	Screw, horn relay mounting (number 10 U.N.F. $\times \frac{3}{8}$ ")	2
78.	21-0762	Bolt, condenser pack mounting (number 10 U.N.F. $\times \frac{3}{8}$ ")	2
79.	02-1096	Washer, condenser pack mounting ($\frac{3}{16}$ " $\times \frac{3}{8}$ " $\times .044$ ")	2
80.	21-0778	Nut, condenser pack mounting (number 10 U.N.F.)	2
81.	19-0953	Horn relay (Lucas 33188)	
82.	19-1869	Tail lamp lead (Lucas 54953444)	
	19-1776	Battery, 12 volt (Lucas 54027029)	

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

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

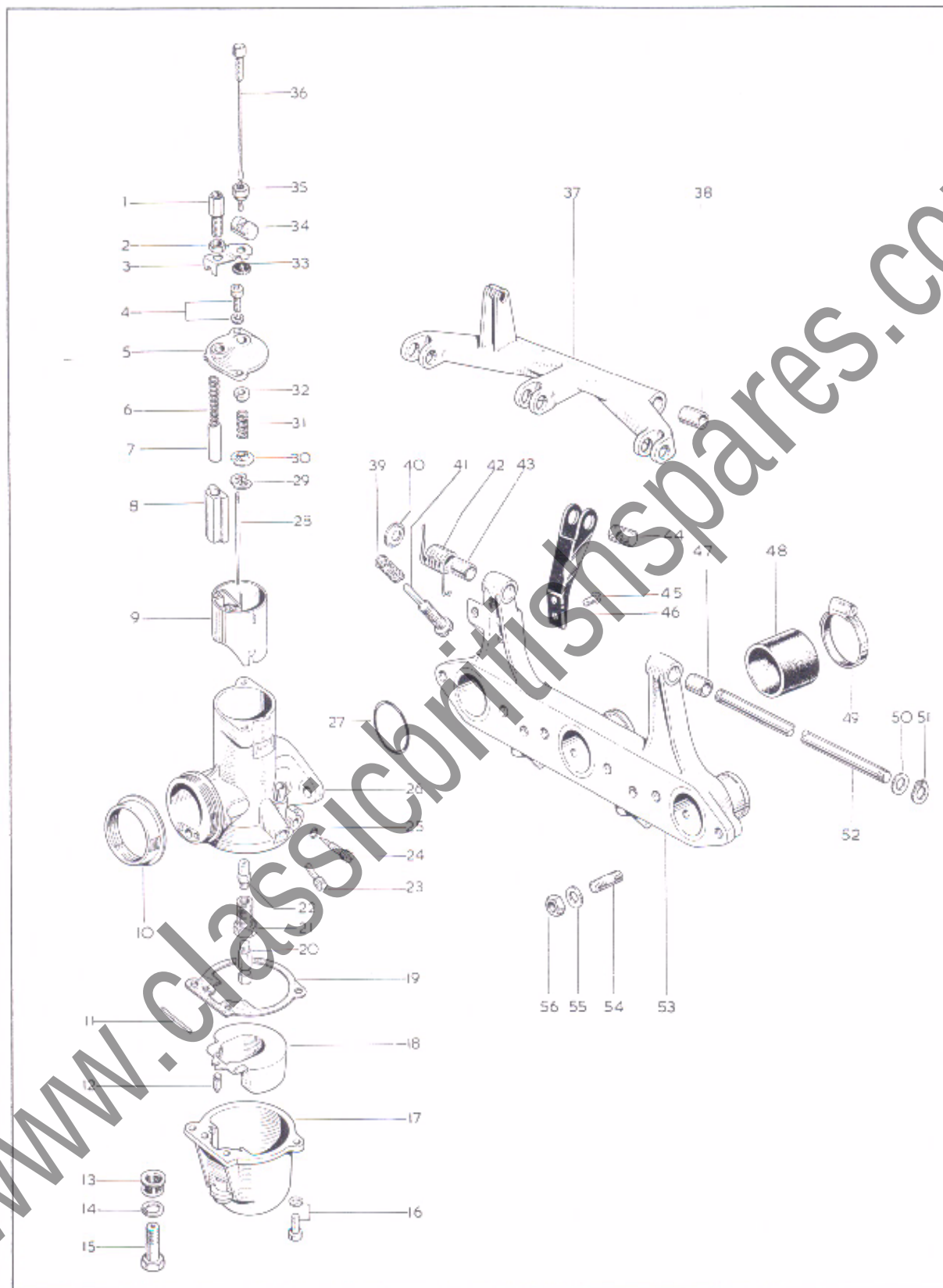


Plate Ref.	Spares Number	Description	Per Set
	B.S.A. NO.	MAKERS NO.	
1.	13-2711	4/035 Air cable adjuster	3
2.		5/077 Air cable adjuster locknut	3
3.		622/125 Seal locating clip	3
4.	19-3093	622/086 Screw and washer for top cap	6
5.		622/097 Carburetter top cap	3
6.		622/129 Air valve spring	3
7.		622/134 Air valve spring guide	3
8.	19-3091	622/062 Air valve	3
9.	19-3138	622/060 Throttle valve (3)	3
10.	70-9586	Adaptor, carburetter intake	3
		622/107 Pilot jet tube (not removable)	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 Fibre washer for banjo bolt	3
15.	19-3103	622/078 Banjo bolt, petrol pipe to float chamber	3
16.	19-3093	622/086 Screw and washer for float chamber	6
17.	19-3132	622/050 Carburetter float chamber	3
18.	19-3102	622/069 Carburetter float	3
19.	19-3106	622/073 Float chamber gasket	3
20.	19-3099	376/100 Main jet (150 c.c.)	3
21.		622/128 Main jet holder	3
22.	19-3136	622/122 Needle jet (.106")	3
23.		622/133 Plug screw	3
24.	19-3113	622/076 Pilot air adjusting screw	3
25.	19-3098	622/082 "O" ring for pilot air screw	3
25.	19-2409	L.626/15 Carburetter complete, left-hand (short air cable)	3
25.	19-2415	R.626/16 Carburetter complete, centre (medium air cable)	3
26.	19-2408	R.626/14 Carburetter complete, right-hand (long air cable)	3
27.	19-3090	622/101 "O" ring, carburetter flange	3
28.	19-3137	622/124 Throttle needle	3
29.	19-3095	622/067 Clip for throttle needle	3
30.	60-1987	622/116 Retaining plate, throttle rod spring	3
31.	60-1960	622/113 Retaining spring, throttle rod	3
32.	60-1959	622/115 Retaining cap, throttle rod	3
33.		622/126 Seal washer, top cap	3
34.	70-9243	Trunnion, throttle linkage	3
35.	70-9253	Locknut, throttle rod	3
36.	60-1984	622/119 Throttle assembly	3
37.	70-9278	Arm assembly, throttle linkage	3
38.	70-9073	Bush, throttle arm	2
39.	70-9254	Spring, adjuster screw, throttle stop	3
40.	70-9821	Retainer, throttle return spring	3
41.	70-9252	Adjuster screw, throttle stop	3
42.	70-9880	Throttle return spring	3
43.	70-9820	Spacer, throttle return spring	3
44.	70-9283	Trunnion, throttle linkage	3
45.	21-0774	Screw, support arm to adaptor	2
46.	70-9242	Support arm, throttle linkage	3
47.	70-9073	Bush, adaptor spindle	2
48.	70-9060	Connection tube	3
49.	60-0707	"Jubilee" clip, connection tube	6
50.	71-0245	Backing washer, spindle	3
51.	70-9255	Circlip, spindle	2
52.	70-9251	Spindle, throttle linkage	3
53.	70-7633	Carburetter adaptor	3
54.	14-1619	Stud, carburetter mounting ($\frac{5}{16}$ " U.N.C./U.N.F. $\times 1\frac{1}{4}$ ")	6
55.	54-0055	Washer, carburetter mounting	6
56.	14-0302	Nut, carburetter mounting ($\frac{5}{16}$ " U.N.F.)	6

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

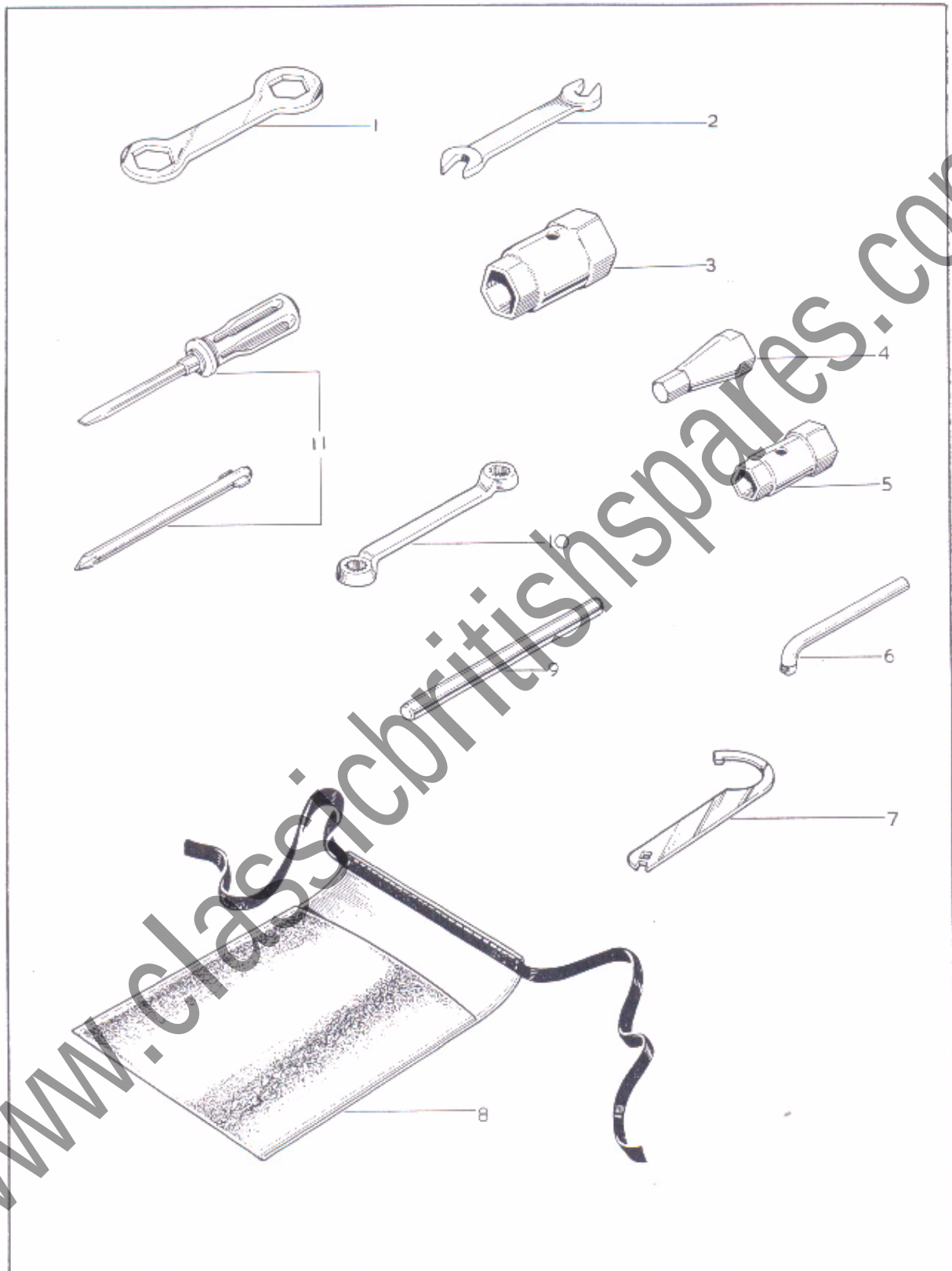


Plate 22

TOOL KIT

Plate Ref.	Spares Number	Description	Per Set
1.	60-2251	Double-ended ring spanner ($\frac{5}{8}$ " $\times$ 11/16" WHIT.)	..
2.	60-2084	Double open-ended spanner ($\frac{1}{2}$ " $\times$ $\frac{7}{16}$ " A.T.)	..
3.	60-1908	Double-ended box spanner ($1\frac{1}{8}$ " $\times$ $1\frac{5}{16}$ " hexagon)	..
4.	60-1910	Spark plug spanner	..
5.	60-1909	Double-ended box spanner ($\frac{5}{8}$ " $\times$ 15/16" hexagon)	..
6.	60-2020	Tappet spanner	..
7.	75-9076	"C" spanner with square socket	..
8.	75-9089	Tool roll	..
9.	60-1911	Tommybar	..
10.	60-1907	Double-ended ring spanner ($\frac{7}{16}$ " $\times$ $\frac{1}{2}$ " hexagon)	..
11.	60-0767	Screwdriver complete	..
	60-1912	Toolkit complete	..

NUMERICAL INDEX

NUMBER	PAGE	PLATE	CODE
00-3172	6	—	—
00-3315	6	—	—
00-3466	5	—	—
00-3466	6	—	—
00-3467	5	—	—
00-3467	6	—	—
00-3468	5	—	—
00-3468	6	—	—
00-3469	5	—	—
00-3469	6	—	—
00-3470	5	—	—
00-3470	6	—	—
02-0522	29	9	27
02-0525	43	15	53
02-0525	43	15	59
02-0525	51	18	3
02-0525	51	18	29
02-0525	53	19	6
02-0525	53	19	13
02-0525	57	20	42
02-0861	11	1	42
02-0923	29	9	51
02-0923	29	9	53
02-0923	29	9	56
02-0923	43	15	40
02-0923	49	17	21
02-0923	53	19	24
02-1096	53	19	9
02-1096	57	20	61
02-1096	57	20	76
02-1096	57	20	79
02-1733	49	17	26
02-1967	29	9	10
01-1967	29	9	33
02-2138	29	9	2
02-2138	29	9	7
02-2138	31	10	25
02-2138	51	18	6
02-2395	41	15	9
03-0101	47	16	43
03-0107	29	9	23
03-1346	31	10	36
04-0035	59	21	1
04-2276	29	9	44
05-0077	45	16	22
05-0077	59	21	2
11-0013	45	16	6
11-0013	45	16	20
11-0014	45	16	8
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12-0556	45	16	8
12-0595	45	16	16
13-0163	59	21	14
14-0101	41	15	4
14-0101	41	15	19
14-0101	43	15	33
14-0101	43	15	35
14-0101	43	15	61
14-0101	49	17	17
14-0101	51	18	2
14-0101	51	18	22
14-0101	51	18	30
14-0101	51	18	32
14-0104	57	20	41
14-0106	31	10	8
14-0113	31	10	21
14-0113	33	11	15
14-0113	43	15	34
14-0113	49	17	29

NUMBER	PAGE	PLATE	CODE
14-0114	43	15	49
14-0115	29	9	54
14-0129	49	17	27
14-0145	29	9	16
14-0201	27	8	18
14-0202	9	1	17
14-0205	9	1	29
14-0206	41	15	3
14-0208	15	3	35
14-0213	51	18	15
14-0217	31	10	18
14-0217	53	19	25
14-0218	29	9	59
14-0218	35	12	24
14-0219	49	17	13
14-0220	29	9	55
14-0221	29	9	52
14-0235	31	10	2
14-0235	31	10	22
14-0237	29	9	1
14-0301	27	8	5
14-0301	43	15	48
14-0301	11	1	68
14-0302	27	8	22
14-0302	29	9	32
14-0302	47	16	46
14-0302	49	17	20
14-0302	59	21	56
14-0302	17	3	87
14-0303	29	9	26
14-0303	37	13	20
14-0303	37	13	24
14-0303	11	1	43
14-0303	13	2	15
14-0304	29	9	9
14-0304	29	9	34
14-0304	39	14	1
14-0304	39	14	54
14-0401	31	10	7
14-0401	37	13	22
14-0401	17	3	63
14-0402	29	9	42
14-0402	11	1	58
14-0402	23	6	48
14-0403	29	9	6
14-0403	39	14	4
14-0404	31	10	42
14-0405	31	10	48
14-0604	43	15	43
14-0702	43	15	51
14-1201	41	15	22
14-1201	41	15	31
14-1201	55	20	28
14-1201	9	1	34
14-1202	39	14	36
14-1202	41	15	13
14-1202	49	17	31
14-1202	51	18	11
14-1202	51	18	28
14-1301	41	15	14
14-1301	43	15	38
14-1301	43	15	52
14-1301	43	15	58
14-1301	49	17	30
14-1301	53	19	14
14-1301	53	19	18
14-1302	29	9	50
14-1302	29	9	58
14-1302	43	15	41
14-1302	49	17	19
14-1303	31	10	6
14-1303	31	10	26
14-1303	33	11	18
14-1303	49	17	24
14-1401	9	1	14
14-1427	15	3	24
14-1619	59	21	54

NUMBER	PAGE	PLATE	CODE
14-1901	57	20	48
14-1901	23	6	35
14-1902	39	14	20
14-1902	49	17	22
14-1903	29	9	11
14-1903	33	11	28
14-6101	19	4	5
14-6102	33	11	16
14-6102	23	6	5
14-6104	17	3	80
14-6113	15	3	25
14-6121	25	7	17
14-6211	9	1	2
14-6218	17	3	100
14-6218	17	3	103
14-6220	16	3	1
14-6223	17	3	96
14-6226	17	3	59
14-6226	17	3	102
14-6504	25	7	1
14-6504	25	7	22
14-6509	23	6	30
14-6515	21	5	23
14-6605	23	6	1
14-6606	15	3	14
14-6608	19	4	9
14-6608	27	8	24
14-6608	17	3	71
14-6610	21	5	28
14-6610	23	6	40
14-6611	15	3	46
14-6611	23	6	18
14-6612	15	3	47
14-6612	23	6	24
14-6613	27	8	13
14-6613	23	6	9
14-6614	25	7	19
14-6615	27	8	15
14-6615	23	6	19
14-7004	11	1	50
14-7006	19	4	8
14-7101	25	7	15
15-0039	31	10	35
15-0431	29	9	15
15-0431	29	9	19
15-5155	31	10	17
15-5155	41	15	12
15-5155	49	17	32
16-0008	45	16	24
16-0009	47	16	26
16-0010	45	16	25
18-0053	45	16	11
18-0087	45	16	12
18-0752	45	16	13
18-0754	45	16	13
18-1708	45	16	14
18-1709	45	16	15
19-0001	45	16	10
19-0002	45	16	10
19-0916	57	20	62
19-0943	41	15	27
19-0952	47	16	50
19-0953	57	20	81
19-0965	55	20	20
19-0978	45	16	17
19-0981	55	20	1
19-0982	55	20	19
19-0987	53	19	8
19-1030	57	20	64
19-1043	55	20	4
19-1044	55	20	6
19-1149	55	20	1
19-1150	57	20	72

NUMERICAL INDEX—continued

NUMBER	PAGE	PLATE	CODE	NUMBER	PAGE	PLATE	CODE	NUMBER	PAGE	PLATE	CODE
19-1152	57	20	68	19-5173	4	—	—	21-0678	17	3	92
19-1153	57	20	73	19-5174	4	—	—	21-0680	21	5	24
19-1164	55	20	16	19-5175	4	—	—	21-0681	21	5	30
19-1245	57	20	51	19-5176	4	—	—	21-0684	33	11	4
19-1259	15	3	53	19-5177	4	—	—	21-0685	33	11	8
19-1260	15	3	52	19-5178	4	—	—	21-0686	11	1	40
19-1303	55	20	23	19-5179	4	—	—	21-0692	15	3	7
19-1304	55	20	33	19-5180	4	—	—	21-0752	53	19	3
19-1715	55	20	40	19-5181	4	—	—	21-0754	53	19	21
19-1735	57	20	74	19-5182	4	—	—	21-0755	31	10	53
19-1775	55	20	21	19-5183	4	—	—	21-0756	29	9	46
19-1776	57	—	—	19-5184	4	—	—	21-0761	53	19	7
19-1847	57	20	55	19-5185	4	—	—	21-0762	53	19	10
19-1848	57	20	54	19-5186	4	—	—	21-0762	57	20	27
19-1861	57	20	56	19-5188	4	—	—	21-0762	57	20	27
19-1863	17	3	68	19-5189	4	—	—	21-0767	49	17	9
19-1864	15	3	31	19-5189	4	—	—	21-0768	51	18	5
19-1865	15	3	28	19-5190	4	—	—	21-0769	51	10	41
19-1869	57	20	82	19-5191	4	—	—	21-0770	57	20	59
19-1873	57	20	58	19-5192	4	—	—	21-0774	59	21	45
19-1874	55	20	35	19-5193	4	—	—	21-0778	57	20	75
19-1875	55	20	36	19-5194	4	—	—	21-0778	57	20	80
19-1876	55	20	37	19-5195	4	—	—	21-0779	29	9	14
19-1881	55	20	39	19-5196	4	—	—	21-0780	29	9	20
19-1882	55	20	38	19-5197	4	—	—	21-1802	39	14	52
19-1888	15	3	30	19-5198	4	—	—	21-1813	17	3	85
19-2076	57	20	43	19-5199	4	—	—	21-1819	19	4	39
19-2077	57	20	43	19-5200	4	—	—	21-1820	19	4	4
19-2199	11	1	73	19-5305	31	10	4	21-1823	43	15	54
19-2408	59	21	26	19-5305	31	10	4	21-1822	49	17	29
19-2408	5	—	—	19-6508	57	20	65	21-1852	15	3	50
19-2409	59	21	26	19-7222	47	16	30	21-1860	27	8	21
19-2409	5	—	—	19-7237	45	16	19	21-1862	25	7	59
19-2415	59	21	26	19-7446	31	10	3	21-1872	25	7	55
19-2415	5	—	—	19-7447	31	10	1	21-1912	15	3	6
19-2711	59	21	1	19-7606	31	10	38	21-1931	15	3	3
19-2834	59	21	14	19-7621	11	1	74	21-1979	49	17	9
19-3408	59	21	13	19-7638	9	1	37	21-1981	51	18	37
19-3090	59	21	27	19-7711	39	14	42	21-1990	41	15	11
19-3091	59	21	8	19-7734	37	18	31	21-1993	47	16	39
19-3093	59	21	4	19-7800	6	—	—	21-1995	37	13	21
19-3093	59	21	16	19-7800	21	—	—	21-1998	37	13	15
19-3095	59	21	29	19-7801	21	5	15	21-2010	39	14	44
19-3098	59	21	25	19-7802	21	5	31	21-2011	39	14	37
19-3099	59	21	20	19-7803	21	5	18	21-2013	39	14	24
19-3102	59	21	18	19-7804	21	5	17	21-2014	39	14	48
19-3103	59	21	15	19-7805	21	5	16	21-2016	13	2	12
19-3105	59	21	12	19-7806	21	5	35	21-2018	29	9	24
19-3106	59	21	19	19-7807	21	5	34	21-5102	43	15	46
19-3113	59	21	24	19-7808	21	5	33	21-5160	57	20	70
19-3116	59	21	11	19-7809	21	—	—	21-5161	41	15	24
19-3132	59	21	27	19-8692	21	5	6	21-6206	47	16	31
19-3136	59	21	22	19-8693	39	14	55				
19-3137	59	21	28	19-8948	55	20	15	24-0978	57	20	60
19-3138	59	21	9	19-8949	55	20	15	24-7068	51	18	36
19-5151	4	—	—	19-8953	55	20	14	24-8784	29	9	31
19-5152	4	—	—	19-9080	55	20	18				
19-5153	4	—	—	19-9090	55	20	24	27-8560	41	15	15
19-5154	4	—	—	19-9091	55	20	25	27-8560	41	15	32
19-5155	4	—	—	19-9221	39	14	26	27-8560	43	15	36
19-5156	4	—	—					27-8560	43	15	37
19-5157	4	—	—	21-0536	19	4	35	27-8560	43	15	44
19-5158	4	—	—	21-0541	27	8	25	27-8560	53	19	19
19-5159	4	—	—	21-0544	27	8	19				
19-5160	4	—	—	21-0547	27	8	6	29-0541	27	8	4
19-5161	4	—	—	21-0547	41	15	29	29-0541	39	14	43
19-5162	4	—	—	21-0547	17	3	95	29-0541	41	15	2
19-5163	4	—	—	21-0548	17	3	66	29-0541	43	15	45
19-5164	4	—	—	21-0550	9	1	27	29-0541	51	18	21
19-5165	4	—	—	21-0557	11	1	70	29-7583	29	9	48
19-5166	4	—	—	21-0559	19	4	26				
19-5167	4	—	—	21-0567	23	6	14	35-6436	39	14	41
19-5168	4	—	—	21-0578	33	11	7				
19-5169	4	—	—	21-0585	39	14	22	36-0382	29	9	43
19-5170	4	—	—	21-0585	19	4	1	36-0382	31	10	20
19-5171	4	—	—	21-0589	33	11	2				
19-5172	4	—	—	21-0594	25	7	21	37-0270	39	14	17

NUMERICAL INDEX—continued

NUMBER	PAGE	PLATE	CODE	NUMBER	PAGE	PLATE	CODE	NUMBER	PAGE	PLATE	CODE
37-1022	39	14	10	40-4524	51	18	7	57-0405	27	8	8
37-1024	39	14	39	40-4524	51	18	9	57-0406	27	8	7
37-1090	39	14	49	40-4850	29	9	21	57-0407	27	8	3
37-1104	39	14	15	40-4960	45	16	2	57-0409	27	8	9
37-1106	39	14	16	40-5069	35	12	20	57-0412	25	7	16
37-1197	37	13	34	40-6040	39	14	21	57-0448	25	7	4
37-1198	37	13	34	40-8046	49	17	7	57-0731	25	7	23
37-1230	37	13	37	40-8085	47	16	45	57-0732	25	7	22
37-1278	39	14	12	40-8436	53	19	20	57-0912	25	7	30
37-1280	39	14	25	40-9190	25	7	11	57-0912	25	7	38
37-1328	37	13	38					57-0912	23	6	43
37-1467	31	10	14	41-6073	39	14	45	57-0913	25	7	58
37-1474	39	14	11	41-6076	39	14	35	57-0928	25	7	32
37-1477	39	14	27	41-6078	39	14	34	57-1250	25	7	16
37-1481	37	13	2					57-1272	27	8	28
37-1635	39	14	31	42-4364	31	10	32	57-1606	25	7	19
37-1654	39	14	29	42-5099	29	9	39	57-1607	25	7	31
37-1708	37	13	36	42-5575	41	15	30	57-1607	25	7	37
37-1709	37	13	35	42-5812	37	13	33	57-1614	25	7	35
37-1710	39	14	7	42-5812	39	14	18	57-1645	25	6	12
37-1991	37	13	16	42-5819	37	13	1	57-1896	25	7	14
37-1996	37	13	10	42-5819	37	13	7	57-1918	25	7	42
37-2001	37	13	9	42-5819	39	14	9	57-1920	17	3	98
37-2003	37	13	26	42-5819	39	14	30	57-1955	27	8	34
37-2005	37	13	23	42-5820	37	13	40	57-1956	27	8	35
37-2015	39	14	6	42-5836	37	13	27	57-1962	25	7	27
37-2026	37	13	12	42-5841	37	13	11	57-1963	25	7	25
37-2026	37	13	30	42-5841	39	14	46	57-2116	25	7	41
37-2027	37	13	19	42-6335	37	13	8	57-2165	25	7	3
37-2027	37	13	25	42-6558	41	15	7	57-2166	9	1	23
37-2027	39	14	5	42-8034	29	9	38	57-2166	23	6	16
37-2059	37	13	32					57-2169	27	8	40
37-2089	39	14	23	47-9012	29	9	30	57-2170	25	7	24
37-2092	37	13	39	47-9012	31	10	25	57-2172	25	7	50
37-2129	37	13	13	47-9012	31	10	45	57-2173	27	8	32
37-2240	37	13	3					57-2176	25	7	46
37-3312	37	—	—	54-0022	23	11	14	57-2214	21	5	10
37-3312	6	—	—	54-0022	17	3	62	57-2215	23	6	25
37-3317	37	13	4	54-0022	17	3	81	57-2220	23	6	13
37-3317	6	—	—	54-0042	35	12	26	57-2244	23	6	23
37-3337	37	13	6	54-0055	27	8	20	57-2245	21	5	9
37-3412	39	14	40	54-0055	27	8	23	57-2259	23	6	20
37-3453	37	13	18	54-0055	43	15	50	57-2330	27	8	29
37-3454	37	13	29	54-0055	59	21	55	57-2331	31	10	38
37-3461	37	—	—	54-0055	15	3	2	57-2465	23	6	44
37-3461	6	—	—	54-0055	15	3	51	57-2471	21	5	11
37-3468	39	14	19	54-0055	17	3	86	57-2473	23	6	7
37-3522	37	13	17	54-0055	17	3	91	57-2474	23	6	6
37-3575	39	14	14	54-0055	19	4	38	57-2478	21	5	4
37-3582	37	13	5	54-0170	41	15	23	57-2479	21	5	36
37-3585	39	14	38	54-0170	15	3	39	57-2480	21	5	3
37-3587	39	14	8	54-2537	49	17	14	57-2547	23	6	46
37-3588	39	14	28	54-4302	29	9	29	57-2552	21	5	32
37-3589	39	14	32	54-4302	31	10	27	57-2553	23	6	4
37-3590	39	14	47	54-4302	31	10	44	57-2554	21	5	27
37-3592	39	14	33	54-4307	31	10	23	57-2555	21	5	22
37-3608	39	—	—	54-4307	33	11	19	57-2556	21	5	21
37-3608	6	—	—	54-5504	43	15	55	57-2557	21	5	29
37-3622	39	—	—	54-6510	57	20	69	57-2558	19	4	11
37-3623	6	—	—	54-8003	33	11	13	57-2580	21	5	20
37-3623	39	14	13	54-8003	35	12	23	57-2581	21	5	8
37-3623	6	—	—	54-8003	49	17	28	57-2595	25	7	7
40-0136	11	1	51	54-9012	41	15	18	57-2596	25	7	57
40-0158	11	1	52	54-9012	15	3	40	57-2601	25	7	12
40-0159	9	1	26	54-9081	41	15	20	57-2603	27	8	14
40-0167	11	1	57	54-9081	9	1	2	57-2656	25	7	9
40-0242	13	2	13	54-9081	9	1	18	57-3610	23	6	29
40-0323	27	8	11	54-9081	9	1	30	57-3614	23	6	26
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40-2705	31	10	12	57-0023	27	8	36	57-3621	25	7	29
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40-2705	55	20	27	57-0031	27	8	38	57-3633	25	7	2
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40-3085	27	8	27	57-0280	25	7	28	57-3638	57	20	44
40-4071	39	14	2	57-0280	37	13	41	57-3638	23	6	8
40-4071	39	14	53	57-0397	25	7	10	57-3642	19	4	37
				57-0404	27	8	2	57-3642	21	5	26

NUMERICAL INDEX—continued

NUMBER	PAGE	PLATE	CODE	NUMBER	PAGE	PLATE	CODE	NUMBER	PAGE	PLATE	CODE
57-3643	21	5	7	60-2683	31	10	34	70-6561	9	1	3
57-3643	23	6	31	60-2683	37	13	28	70-6562	9	1	9
57-3644	21	5	2					70-6563	9	1	1
57-3646	21	5	12	65-8317	29	9	49	70-6564	9	1	13
57-3647	23	6	47					70-6565	9	1	4
57-3660	25	7	53	68-0209	17	3	67	70-6565	9	1	12
57-3727	27	8	41	68-0331	27	8	31	70-6567	19	4	13
57-3732	27	8	40	68-0331	15	3	34	70-6570	19	4	28
57-3733	23	6	11	68-0610	53	19	27	70-6571	17	3	58
57-3733	23	6	21	68-3218	21	5	19	70-6572	15	3	37
57-3756	21	5	25	68-3264	23	6	10	70-6573	17	3	99
57-3757	27	8	16	68-3282	21	5	5	70-6574	17	3	100
57-3758	27	8	10	68-4577	51	18	12	70-6577	13	2	19
57-3759	27	8	12	68-4597	51	18	14	70-6580	17	3	82
57-3785	25	7	47	68-4708	31	10	43	70-6584	19	4	15
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57-3861	25	7	43	68-5050	33	11	5	70-6727	17	3	93
57-3862	25	7	33	68-6524	41	15	6	70-6742	19	4	14
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57-3871	21	—	—	68-6837	43	15	42	70-6836	12	2	30
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57-3941	21	5	13	68-9223	49	17	2	70-6840	13	2	28
57-3954	23	6	2	68-9226	49	17	3	70-6848	53	19	30
57-3955	23	6	3	68-9351	57	20	66	70-6885	19	4	43
57-3958	23	6	41					70-6889	19	4	31
57-3978	25	7	51	70-0402	19	4	35	70-6890	19	4	45
57-3982	25	7	48	70-1523	17	3	90	70-6955	13	2	41
57-3983	23	6	38	70-1532	13	2	5	70-7246	19	4	42
57-3986	23	6	37	70-1532	19	4	29	70-7248	19	4	3
57-3987	23	6	36	70-1558	17	3	78	70-7249	19	4	40
57-3989	25	7	6	70-1591	13	2	24	70-7250	19	4	41
57-3990	23	6	15	70-3974	17	3	65	70-7351	47	16	34
57-4004	21	5	1	70-4705	19	4	7	70-7423	13	2	17
57-4018	19	4	10	70-4746	19	4	39	70-7633	59	21	53
57-4051	25	7	40	70-4752	13	2	1	70-7650	17	3	76
57-4054	25	7	49	70-4752	13	2	40	70-7737	17	3	97
57-4055	25	7	8	70-5977	33	6	32	70-7738	17	3	69
57-4059	25	7	52	70-5998	13	2	27	70-7879	15	3	43
				70-6015	11	1	48	70-7880	15	3	45
60-0702	53	19	17	70-6023	13	2	18	70-7951	6	—	—
60-0702	53	19	33	70-6025	13	2	25	70-7983	11	1	71
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60-1909	61	22	5	70-6299	15	3	15	70-8744	15	3	12
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60-1959	59	21	32	70-6454	19	4	23	70-8751	15	3	4
60-1960	59	21	31	70-6455	19	4	30	70-8755	17	3	89
60-1968	45	16	7	70-6459	19	4	32	70-8756	15	3	29
60-1978	45	16	5	70-6496	13	2	9	70-8760	17	3	72
60-1984	59	21	36	70-6501	17	3	83	70-8763	15	3	48
60-1985	59	21	30	70-6502	19	4	19	70-8764	15	3	10
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60-2060	45	16	4	70-6508	13	2	37	70-8768	17	3	74
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60-2071	45	16	14	70-6519	15	3	38	70-8770	15	3	8
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60-2076	45	16	9	70-6522	15	3	54	70-8774	15	3	9
60-2084	61	22	2	70-6523	17	3	77	70-8774	15	3	23
60-2202	45	16	18	70-6524	17	3	64	70-8776	15	3	26
60-2241	45	16	17	70-6525	19	4	24	70-8778	6	—	—
60-2242	47	16	50	70-6529	6	—	—	70-8778	13	2	23
60-2251	61	22	1	70-6529	13	2	6	70-8779	17	3	84
60-2445	45	16	1	70-6559	15	3	32	70-8780	13	2	21
60-2683	31	10	11	70-6560	13	2	36	70-8781	6	—	—

NUMERICAL INDEX—continued

NUMBER	PAGE	PLATE	CODE	NUMBER	PAGE	PLATE	CODE	NUMBER	PAGE	PLATE	CODE
70-8781	11	1	39	70-9762	5	—	—	82-5943	29	9	25
70-8782	9	1	22	70-9763	5	—	—	82-6874	53	19	34
70-8782	23	6	17	70-9764	5	—	—	82-6981	55	20	17
70-8783	11	1	59	70-9765	5	—	—	82-7387	31	10	13
70-8784	11	1	72	70-9766	5	—	—	82-7431	51	18	23
70-8785	19	4	46	70-9767	5	—	—	82-7835	51	18	26
70-8786	19	4	6	70-9768	5	—	—	82-8140	41	15	28
70-8787	11	1	62	70-9802	17	3	79	82-8195	41	15	23
70-8788	11	1	63	70-9807	17	3	73	82-8245	33	11	20
70-8789	11	1	64	70-9820	59	21	43	82-8327	47	16	42
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70-8819	9	1	10	70-9843	13	2	26	82-8391	47	16	40
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70-8860	9	1	33	70-9880	59	21	42	82-8459	53	19	23
70-8896	25	7	56	70-9900	27	8	42	82-8463	51	18	8
70-8904	53	19	31	70-9901	25	7	61	82-8468	51	18	19
70-8905	11	1	47					82-8475	31	10	29
70-8906	53	19	16	71-0003	19	4	27	82-8476	31	10	47
70-8907	53	19	32	71-0006	15	3	44	82-8477	31	10	31
70-8914	13	2	7	71-0037	27	8	1	82-8478	31	10	30
70-8917	13	2	35	71-0070	11	1	60	82-8485	41	15	10
70-8981	11	1	67	71-0245	59	21	50	82-8490	41	15	1
70-9001	6	—	—	71-0280	9	1	6	82-8495	51	18	1
70-9001	19	—	—	71-1000	15	3	22	82-8508	29	9	13
70-9015	5	—	—	71-1009	6	—	—	82-8509	29	9	57
70-9016	5	—	—	71-1009	17	—	—	82-8510	29	9	17
70-9017	5	—	—	71-1050	17	3	101	82-8513	29	9	37
70-9018	5	—	—	71-1051	19	4	44	82-8518	43	15	39
70-9023	13	2	27	71-1070	17	3	56	82-8519	49	17	16
70-9024	13	2	27	71-1129	13	2	16	82-8520	43	15	57
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70-9036	49	17	15	71-1190	13	2	38	82-8589	47	16	38
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70-9240	9	1	7	71-1289	11	1	56	82-8628	53	19	5
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70-9251	59	21	52	75-0124	11	1	61	82-8660	31	10	40
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70-9255	59	21	51	75-3143	27	8	33	82-8744	49	17	5
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70-9258	23	6	28	75-5088	35	12	16	82-8850	49	17	4
70-9258	23	6	34	75-5091	35	12	18	82-8918	29	9	36
70-9266	15	3	41	75-5095	35	12	22	82-8919	39	14	51
70-9278	59	21	37	75-5099	35	12	13	82-8942	49	17	6
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70-9461	9	1	31	75-5199	35	12	15	82-8969	51	18	20
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70-9510	11	1	41	75-9076	61	22	7	82-9008	51	18	10
70-9558	11	1	49	75-9089	61	22	8	82-9020	41	15	8
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70-9601	19	4	34	76-0012	49	17	28	82-9020	51	18	4
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70-9634	19	4	2	76-0217	25	7	20	82-9315	53	19	15
70-9706	15	3	21	76-0217	17	3	70	82-9322	53	19	11
70-9727	13	2	11	76-0217	23	6	42	82-9327	41	15	16
70-9737	19	4	16	76-0291	15	3	36	82-9378	29	9	3
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70-9739	13	2	31					82-9435	53	19	35
70-9740	6	—	—	82-1335	33	11	3	82-9436	47	16	36
70-9740	13	2	10	82-2351	37	13	14	82-9530	53	19	29
70-9741	5	—	—	82-4047	35	12	3	82-9531	53	19	29
70-9741	13	2	29	82-4971	47	16	35	82-9562	51	18	17
70-9761	5	—	—	82-4972	47	16	35	82-9624	29	9	22

NUMERICAL INDEX—continued

NUMBER	PAGE	PLATE	CODE	NUMBER	PAGE	PLATE	CODE	NUMBER	PAGE	PLATE	CODE
82-9623	29	9	12	83-1752	31	10	13	97-2237	33	11	11
82-9641	29	9	35	83-1766	53	19	28	97-2245	33	11	30
82-9642	29	9	18					97-2259	57	20	67
82-9652	29	9	28	89-3208	27	8	17	97-2266	33	11	6
82-9653	29	9	41					97-2270	33	11	22
82-9654	51	18	31	90-0262	15	3	13	97-2273	49	17	1
82-9664	53	19	22					97-2275	33	11	10
82-9665	31	10	10	97-0095	33	11	43	97-2290	33	11	22
82-9675	51	18	18	97-0111	29	9	5	97-2291	33	11	36
82-9682	51	18	27	97-0435	33	11	41	97-2293	33	11	29
82-9684	29	9	47	97-0439	33	11	26	97-2297	55	20	22
82-9686	29	9	21	97-0519	35	12	25	97-2300	35	12	2
82-9687	53	19	1	97-0565	33	11	39	97-2301	35	12	2
82-9692	57	20	63	97-1018	33	11	9	97-2621	33	11	25
82-9773	29	9	4	97-1527	33	11	32	97-2622	33	11	24
82-9773	6	—	—	97-1529	33	11	31	97-2704	27	8	26
82-9845	51	18	19	97-1580	33	11	34	97-2704	33	11	27
82-9918	53	19	38	97-1581	33	11	35	97-2704	33	11	45
82-9919	47	16	27	97-1618	33	11	40	97-3601	33	11	44
82-9920	47	16	41	97-1656	35	12	8	97-3602	33	11	38
82-9963	31	10	16	97-1657	35	12	4	97-3632	55	20	12
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82-9964	49	17	10	97-1892	35	12	6	97-3632	33	12	5
82-9997	39	14	50	97-1932	55	20	5	97-3632	33	11	21
				97-1971	35	12	1	97-3896	43	15	60
83-0002	47	16	33	97-1994	57	20	71	97-3897	41	15	5
83-1384	51	18	34	97-2090	35	12	28	97-3904	35	12	12
82-1386	53	19	37	97-2091	35	12	9	97-3911	35	—	—
83-1387	53	19	26	97-2107	33	11	17	97-3911	6	—	—
83-1430	49	17	2	97-2108	33	11	1	97-3919	43	15	60
83-1456	49	17	12	97-2126	35	12	21	97-3921	35	12	19
83-1535	31	10	49	97-2127	35	12	7	97-3922	35	12	27
83-1632	41	15	26	97-2154	35	12	11	97-3926	43	15	56
83-1641	31	10	9	97-2221	33	11	32				
83-1687	39	14	3	97-2236	55	11	12				

