BSA

15 500

Replacement parts list 1971

500 cm³ models

Publication
Ref. 00-5721

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Replacement parts list

500 cm³ models

B50T Victor 500 Trail

B50SS Gold Star 500 Street Scrambler

B50SS Gold Star 500 Street Scrambler

(Home and General Export)

B50MX Victor 500 Motor Cross

Commencing	JE.00101 B50T
Engine and	JE.00101 B50SS
Frame numbers	JE.00101 B50MX

Issued by
B.S.A. Motor Cycles Limited
Spares Department,
Montgomery Street,
Birmingham B11 1D7.
Telephone: 021 772 0559/0537
Telegrams: "Smallarms" 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. 00-5721

Printed in England
by B.S.A. Press

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MODEL ABBREVIATIONS

T = TRAIL
SS = STREET SCRAMBLER
H = STREET SCRAMBLER — HOME AND GENERAL EXPORT
MC = MOTO-CROSS

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 PART NUMBER.

EXAMPLE:—Front mudguard, flamboyant red with black centre stripe 97-4052/293

PETROL TANK:

Polished alloy sides, black centre stripe, black side stripe, red lining	/291
Flamboyant red	/170
Flamboyant red, black centre stripe, black side stripe, red lining	/285

MUDGUARDS:

Flamboyant red, black centre stripe	/293
Flamboyant red, white centre stripe	/287

SIDECOVERS:

Flamboyant red	/170

OTHER PARTS:

Chrome	/003
Black	/007
Silver	/165
Grey	/288

PRICES:
No price codes are quoted in this list. For prices please refer to the latest edition of 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 ($\frac{1}{4}$" UN.C. × 1") = $\frac{1}{4}$" diameter unified coarse thread 1" long under head.

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

ABBREVIATIONS

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

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BRAKES (LOCKHEED)

AUTOMOTIVE PRODUCTS CO. LIMITED. P.O. BOX 14. SOUTHAM ROAD. BANBURY. OXFORDSHIRE.

CARBURETTERS

AMAL LIMITED, HOLDFORD ROAD. WITTON. BIRMINGHAM 6.

CHAINS

RENOLDS LIMITED. WYTHENSHAWE, MANCHESTER.

ELECTRICAL EQUIPMENT

J. LUCAS LIMITED, GREAT HAMPTON STREET. BIRMINGHAM 18.

WIPAC GROUP SALES LIMITED. LONDON ROAD. BUCKINGHAM.

SHOCK ABSORBERS

GIRLING LIMITED. BIRMINGHAM ROAD. WEST BROMWICH.

SPARKING PLUGS

CHAMPION SPARKING PLUG CO. LIMITED. FELTHAM. MIDDLESEX.

SPEEDOMETERS

SMITH'S MOTOR ACCESSORIES LIMITED. CRICKLEWOOD WORKS. LONDON N.W.2.

TYRES

DUNLOP COMPANY LIMITED, FORT DUNLOP, BIRMINGHAM 24.

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ASSEMBLIES COMPLETE

Spares Number	*Description*
00–7009	LOCTITE PLASTIC GASKET (10 bottle trade pack).
00–3174	TOP OVERHAUL GASKET SET.
00–3316	FULL OVERHAUL GASKET SET.
71–1863	ENGINE UNIT, LESS CARBURETTER AND EXHAUST SYSTEM (Trail).
71–2237	ENGINE UNIT, LESS CARBURETTER AND EXHAUST SYSTEM (Moto-Cross).
71–2234	ENGINE UNIT, LESS CARBURETTER AND EXHAUST SYSTEM (Street Scrambler).
71–1870	CRANKCASE COMPLETE WITH FIXED FITTINGS.
71–2228	OIL PUMP COMPLETE.
71–1675	FLYWHEEL AND CONNECTING ROD ASSEMBLY.
57–4302	CLUTCH ASSEMBLY COMPLETE.
83–2985	FRAME COMPLETE (Trail and Street Scrambler).
83–2984	FRAME COMPLETE (Moto-Cross).
97–4113	FRONT FORK COMPLETE (Trail and Street Scrambler).
97–4114	FRONT FORK COMPLETE (Moto-Cross).
37–3791	FRONT WHEEL LESS BRAKE DETAILS (Trail and Moto-Cross) 6″ brake.
37–3735	FRONT WHEEL LESS BRAKE DETAILS (Street Scrambler) 8″ brake.
37–3792	FRONT WHEEL WITH BRAKE DETAILS (Trail and Moto-Cross) 6″ brake.
37–3793	FRONT HUB WITH SPINDLE AND BEARINGS (Trail and Moto-Cross) 6″ brake.
37–3848	FRONT HUB WITH SPINDLE AND BEARINGS (Street Scrambler) 8″ brake.
37–3958	REAR WHEEL LESS BRAKE DETAILS (Trail).
37–3959	REAR WHEEL LESS BRAKE DETAILS (Moto-Cross).
37–3957	REAR WHEEL LESS BRAKE DETAILS (Street Scrambler).
37–3780	REAR WHEEL WITH BRAKE DETAILS (Trail).
37–3960	REAR WHEEL WITH BRAKE DETAILS (Moto-Cross).
37–3781	REAR WHEEL WITH BRAKE DETAILS (Street Scrambler).
37–3908	REAR HUB WITH SPINDLE AND BEARING (Moto-Cross).
37–3907	REAR HUB WITH SPINDLE AND BEARINGS (Trail and Street Scrambler).
00–5220	TACHOMETER KIT (80 mm.).
19–2429	CARBURETTER COMPLETE (Moto-Cross).
19–2430	CARBURETTER COMPLETE (Trail and Street Scrambler).

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PISTON CHART

PISTON COMPLETE

Model	Compression Ratio	Standard	+½ mm.	1 mm.
T SS H MC	10 : 1	71–1643	71–2148	71–2150

PISTON RINGS (STANDARD)

Model	COMPRESSION (2) Taper	SCRAPER Upper Segment	SCRAPER Lower Segment
T SS H MC	71–2152	71–2155	71–2167

PISTON RINGS (+½ mm.)

Model	COMPRESSION (2) Taper	SCRAPER Upper Segment	SCRAPER Lower Segment
T SS H MC	71–2153	71–2156	71–2168

PISTON RINGS (+1 mm.)

Model	COMPRESSION (2) Taper	SCRAPER Upper Segment	SCRAPER Lower Segment
T SS H MC	71–2154	71–2157	71–2169

CARBURETTER

Model	Spares No.	Makers No.	Main Jet	Throttle Slide	Needle Jet	Needle Position
T SS H	19–2430	R930/62	200	3½	·106	1
MC	19–2429	R932/18	250	3	·106	2

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Plate 1

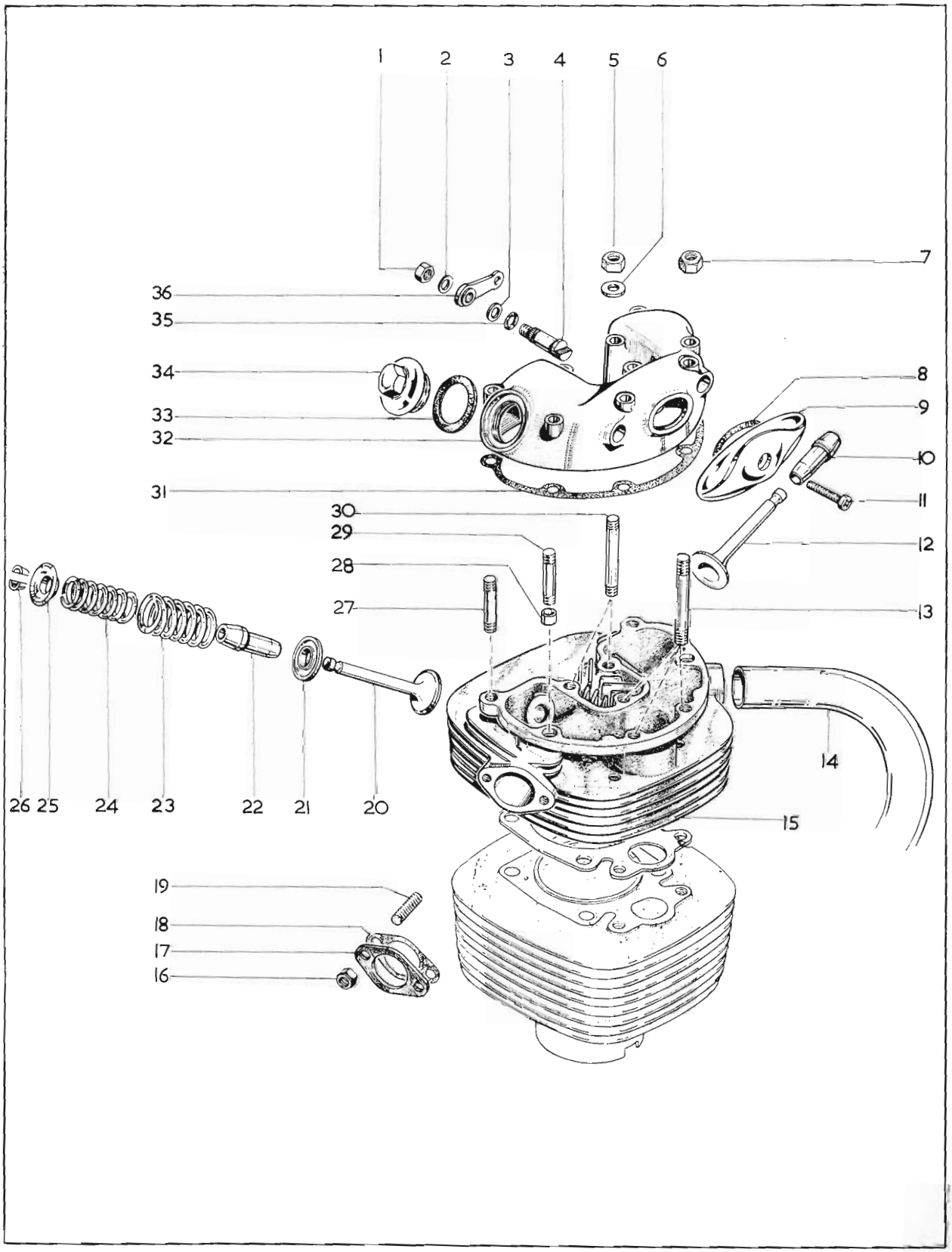

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Plate 1

CYLINDER HEAD — EXHAUST PIPE — SILENCER CLAMP

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H MC		00-3174	Decoke gasket set	1
T SS H MC		00-3316	Full overhaul gasket set	1
T SS H	**1**	02-0443	Nut — valve lifter ($\frac{1}{4}$" B.S.C.)	1
T SS H	**2**	02-0525	Washer for nut — valve lifter ($\frac{1}{4}$" × $\frac{1}{2}$" × 3/64")	1
T SS H	**3**	15-5155	Washer — valve lifter (21/64" × $\frac{1}{2}$" × 3/64")	1
T SS H	**4**	40-0417	Exhaust valve lifter	1
T SS H MC	**5**	14-0302	Nut — rocker box ($\frac{5}{16}$" UN.F.)	2
T SS H MC	**6**	60-2330	Washer — rocker box nut ($\frac{5}{16}$" × $\frac{5}{8}$" × $\frac{1}{16}$")	9
T SS H MC	**7**	14-1302	Locknut — rocker box ($\frac{5}{16}$" UN.F.)	7
T SS H MC	**8**	71-1429	Gasket — rocker inspection cover	1
T SS H MC	**9**	40-0208	Rocker inspection cover	1
T SS H MC	**10**	71-1627	Exhaust valve guide	1
T SS H MC	**11**	40-0309	Screw — rocker inspection cover (2 B.A. × $1\frac{3}{8}$")	1
T SS H MC	**12**	71-1736	Exhaust valve	1
T SS H MC	**13**	14-1628*	Cylinder head stud ($\frac{5}{16}$" UN.C./UN.F. × $3\frac{1}{4}$")	3
T SS H MC	**14**	71-2177	Exhaust pipe complete	1
T SS H MC	**15**	71-1732	Cylinder head with fixed fittings	1
T SS H MC	**16**	14-1302	Carburetter stud nut ($\frac{5}{16}$" UN.F.)	2
T SS H MC	**17**	70-7821	Tufnol washer — carburetter joint	1
T SS H MC	**18**	71-1421	Carburetter joint gasket	1
T SS H MC	**19**	14-1620*	Carburetter stud ($\frac{5}{16}$" UN.C./UN.F. × $1\frac{3}{8}$")	2
T SS H MC	**20**	71-1735	Inlet valve	1
T SS H MC	**21**	68-0931	Valve spring bottom cup	2
T SS H MC	**22**	71-1626	Inlet valve guide	1
T SS H MC	**23**	65-2494	Valve spring — outer	2
T SS H MC	**24**	65-2495	Valve spring — inner	2
T SS H MC	**25**	71-1165	Valve spring top collar	2
T SS H MC	**26**	71-1166	Valve spring collet	4
T SS H MC	**27**	14-1626	Cylinder head stud ($\frac{5}{16}$" UN.F./UN.C × $2\frac{3}{4}$")	2
T SS H MC	**28**	71-1989	Cylinder head dowel	2
T SS H MC	**29**	14-1627*	Cylinder head stud ($\frac{5}{16}$" UN.C./UN.F. × 3")	2
T SS H MC	**30**	21-2092	Rocker box stud ($\frac{5}{16}$" UN.C./UN.F. × $3\frac{1}{4}$")	2
T SS H MC	**31**	71-1623	Rocker box gasket	1
T SS H MC	**32**	71-1638	Rocker box	1
T SS H MC	**33**	40-0969	Washer — valve inspection cap	2
T SS H MC	**34**	40-0968	Valve inspection cap	2
T SS H	**35**	68-0289	"O" ring — valve lifter	1
T SS H	**36**	41-0176	Exhaust valve lifter lever	1
T SS H MC		75-2725†	Clamp — silencer to exhaust pipe	1
T SS H MC		75-2719†	"D" washer — clamp bolt	2
T SS H MC		14-0218†	Bolt — silencer clamp ($\frac{5}{16}$" UN.F. × $1\frac{3}{8}$")	1
T SS H MC		14-1302†	Nut — silencer clamp bolt ($\frac{5}{16}$" UN.F.)	1

*Special material: **13**—EN16R. **19**—EN16R. **29**—EN15.

†Not illustrated.

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Plate 2

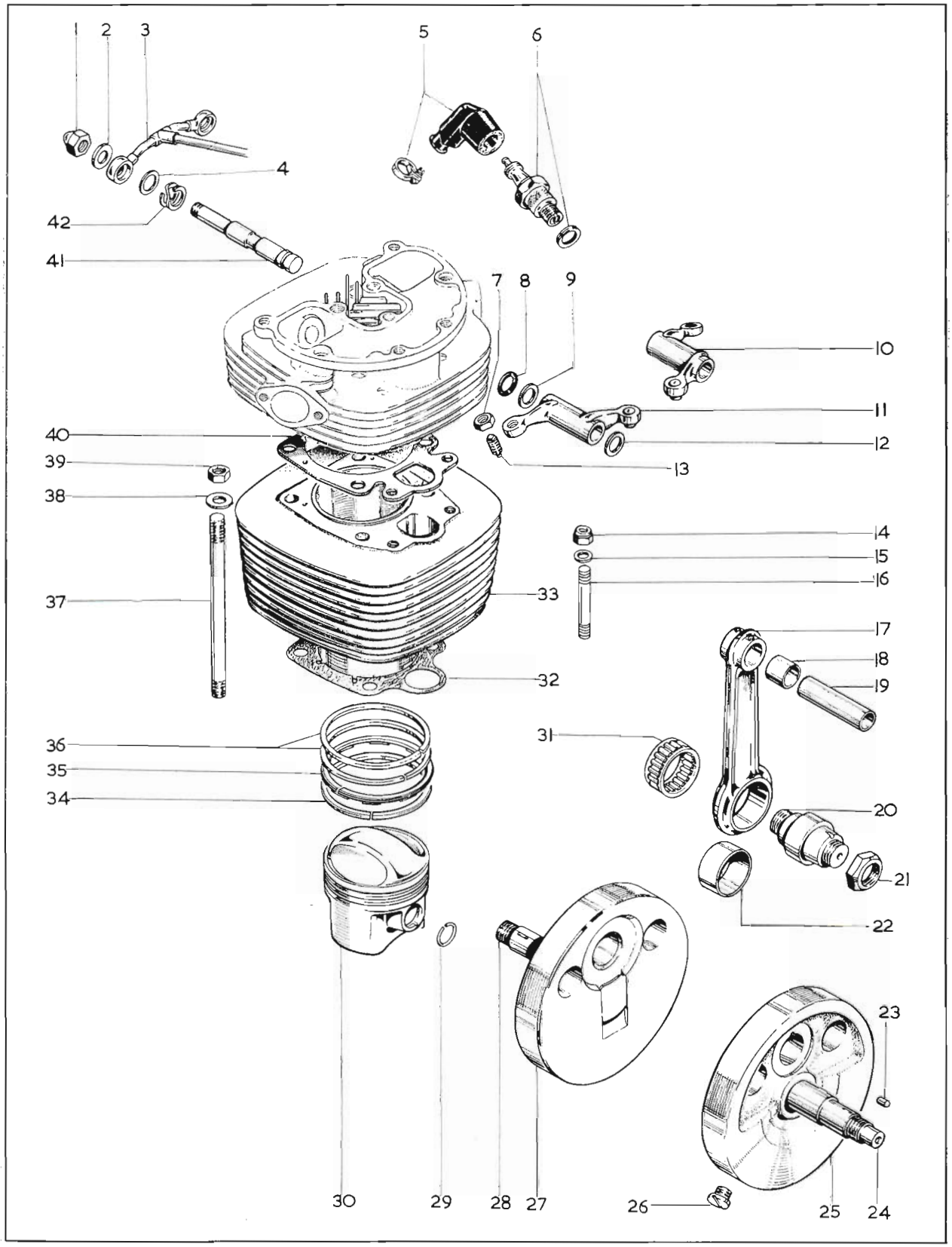

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Plate 2

CYLINDER — CRANKSHAFT

Model	Plate Ref.	Spares Number	Description	Per Set
T SS H MC	1	40-0162	Nut — rocker spindle (domed $\frac{3}{8}$" B.S.C.)	2
T SS H MC	2	40-0159	Copper washer — oil feed union	2
T SS H MC	3	41-0807	Rocker oil feed pipe	1
T SS H MC	4	40-0159	Copper washer — oil feed union	2
T SS H MC	5	19-7625	Spark plug cover — Champion WC.548	1
T SS H	6	19-7616	Spark plug — Champion N.4	1
MC	6	19-7606	Spark plug — Champion W.3	1
T SS H MC	7	24-0563	Nut — rocker adjusting screw ($\frac{5}{16}$" B.S.C.)	2
T SS H MC	8	40-0148	"O" ring — rocker spindle	2
T SS H MC	9	40-0157	Thrust washer — rocker spindle	2
T SS H MC	10	40-0296	Exhaust rocker complete	1
T SS H MC	11	40-0292	Inlet rocker complete	1
T SS H MC	12	40-0158	Thrust washer — rocker spindle	2
T SS H MC	13	68-0155*	Rocker adjusting screw ($\frac{5}{16}$" B.S.C.)	2
T SS H MC	14	14-0302	Nut — cylinder stud ($\frac{5}{16}$" UN.F.)	2
T SS H MC	15	76-0012	Washer — cylinder stud (21/64" × $\frac{9}{16}$" × $\frac{3}{32}$")	2
T SS H MC	16	21-2034*	Cylinder stud ($\frac{5}{16}$" UN.C./UN.F. × $3\frac{1}{8}$")	2
T SS H MC	17	71-1635	Connecting rod complete	1
T SS H MC	18	66-0492	Small-end bush — connecting rod	1
T SS H MC	19	66-0953	Gudgeon pin	1
T SS H MC	20	71-1616	Crankpin	1
T SS H MC	21	41-0588	Crankpin nut	2
T SS H MC	22	71-1199	Big-end bush — connecting rod	1
T SS H MC	23	41-0551	Peg — crankpin location	1
T SS H MC	24	71-1681	Engine shaft — right	1
T SS H MC	25	71-1677	Flywheel complete — right	1
T SS H MC	26	71-1678	Flywheel plug	1
T SS H MC	27	71-1676	Flywheel complete — left	1
T SS H MC	28	71-1632	Engine shaft — left	2
T SS H MC	29	66-0954	Gudgeon pin circlip	2
T SS H MC	30	71-1643	Piston complete	1
T SS H MC	31	70-7850	Needle roller — big-end bearing	1
T SS H MC	32	71-1624	Cylinder base washer	1
T SS H MC	33	71-1219	Cylinder barrel	1
T SS H MC	34	71-2167‡	Piston ring — scraper, lower segment (standard)	1
T SS H MC	35	71-2155‡	Piston ring — scraper, upper segment (standard)	1
T SS H MC	36	71-2152‡	Piston ring — taper (standard)	2
T SS H MC	37	21-2033	Stud — cylinder holding	4
T SS H MC	38	41-0639	Washer — cylinder barrel stud ($\frac{7}{16}$" × 25/32" × $\frac{1}{8}$")	4
T SS H MC	39	14-0304	Nut — cylinder barrel stud ($\frac{7}{16}$" UN.F.)	4
T SS H MC	40	71-1625	Cylinder head gasket	1
T SS H MC	41	40-0294	Rocker spindle — inlet and exhaust	2
T SS H MC	42	40-0156	Spring washer — rocker spindle	2
T SS H MC		71-1675	Flywheel and connecting rod assembly	1
T SS H MC		71-2586	Connecting rod and crankpin assembly	1

*Special material: **13**—EN9. **16**—EN15.

‡See page 6 for piston details.

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Plate 3

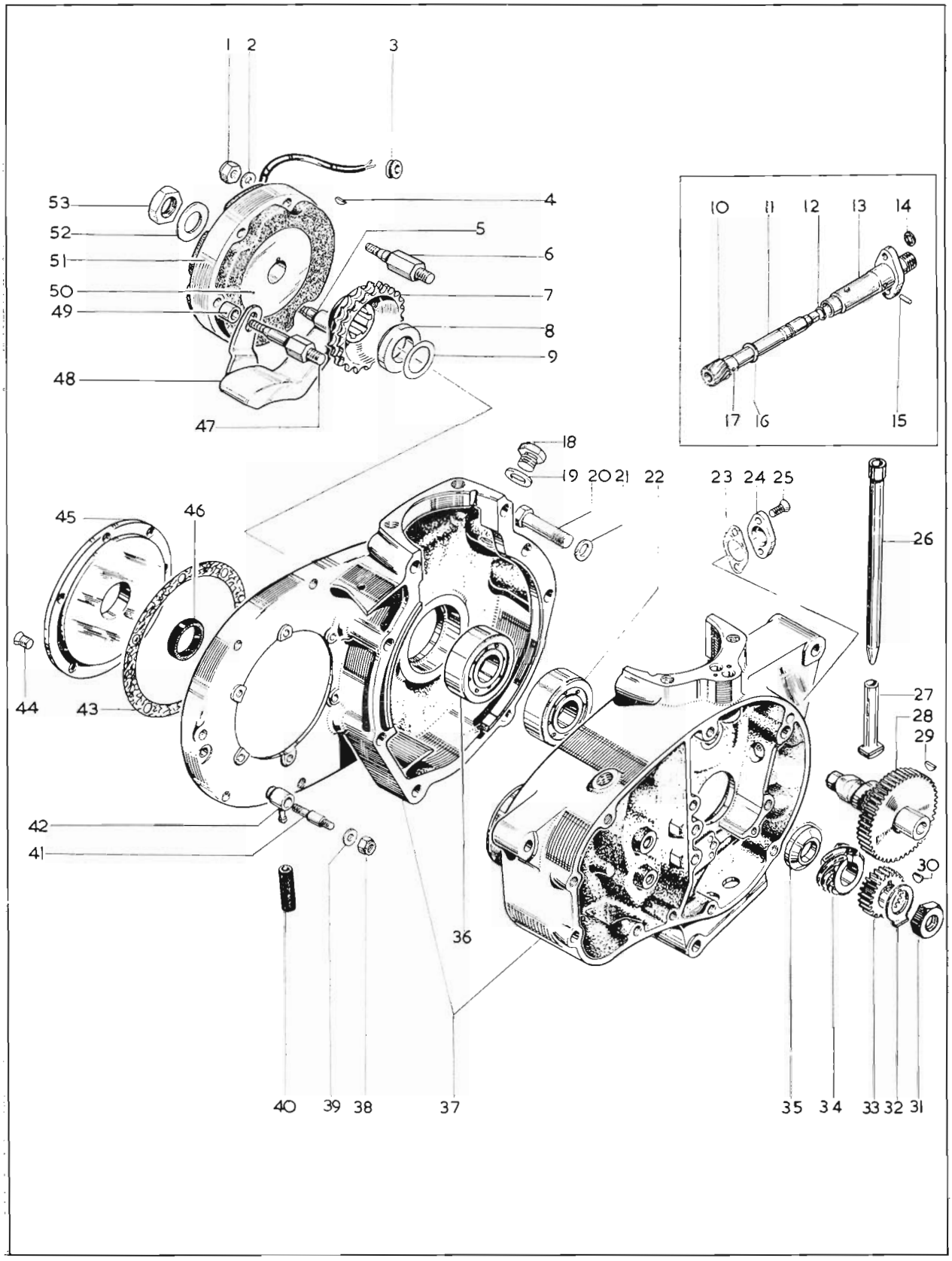

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Plate 3

CRANKCASE

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H MC	**1**	14–1901	Nut — stator fixing ($\frac{1}{4}$″ UN.F.)	3
T SS H MC	**2**	02–0525	Washer — stator fixing ($\frac{1}{4}$″ × $\frac{1}{2}$″ × ·048″)	3
T SS H MC	**3**	40–0705	Grommet — generator lead	1
T SS H MC	**4**	41–0673	Key — rotor to shaft	1
T SS H MC	**5**	21–1896*	Bottom stud — stator fixing ($\frac{1}{4}$″ UN.F. × $\frac{5}{16}$″ UN.C. × 2$\frac{9}{16}$″)	1
T SS H MC	**6**	21–1895*	Front stud — stator fixing ($\frac{1}{4}$″ UN.F. × $\frac{5}{16}$″ UN.C. × 2-19/32″)	1
T SS H MC	**7**	71–1634	Engine sprocket — 28 teeth	1
T SS H MC	**8**	40–0327	Engine sprocket spacer (·294—·297″)	1
T SS H MC	**9**	71–1630	Bearing shims (·015″) — engine sprocket	*as reqd.*
T SS H MC	**9**	71–1629	Bearing shims (·030″) — engine sprocket	*as reqd.*
T SS H MC		70–9428‡	Tachometer drive assembly	1
T SS H MC	**10**	70–9382	Tachometer drive shaft gear	1
T SS H MC	**11**	70–9381	Tachometer drive shaft	1
T SS H MC	**12**	70–9430	"O" ring — drive shaft	1
T SS H MC	**13**	70–9517	Drive shaft body	1
T SS H MC	**14**	24–0036	Sealing washer — drive shaft	1
T SS H MC	**15**	70–9431	Locating pin — drive shaft	1
T SS H MC	**16**	70–9383	Thrust washer — drive shaft	1
T SS H MC	**17**	70–9429	Retaining pin — drive gear	1
T SS H MC	**18**	21–1872	Plug — timing aperture	1
T SS H MC	**19**	70–8896	Washer — timing plug	1
T SS H MC	**20**	14–6219	Bolt — crankcase ($\frac{5}{16}$″ UN.C. × 1$\frac{1}{2}$″)	3
T SS H MC	**21**	02–0923	Washer — crankcase bolt ($\frac{5}{16}$″ × $\frac{5}{8}$″ × $\frac{1}{16}$″)	3
T SS H MC	**22**	24–0732	Bearing — ball, right (Hoffmann 325)	1
T SS H MC	**23**	71–1422	Gasket — tachometer drive	1
T SS H MC	**24**	70–9384	Plate — tachometer drive cover	1
T SS H MC	**25**	40–0242*	Screw — tachometer drive (2 B.A. × 27/64″ countersunk)	2
T SS H MC	**26**	71–1620	Push rod — inlet and exhaust	2

‡See page 5 for tachometer kit complete

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Plate 3—*continued*

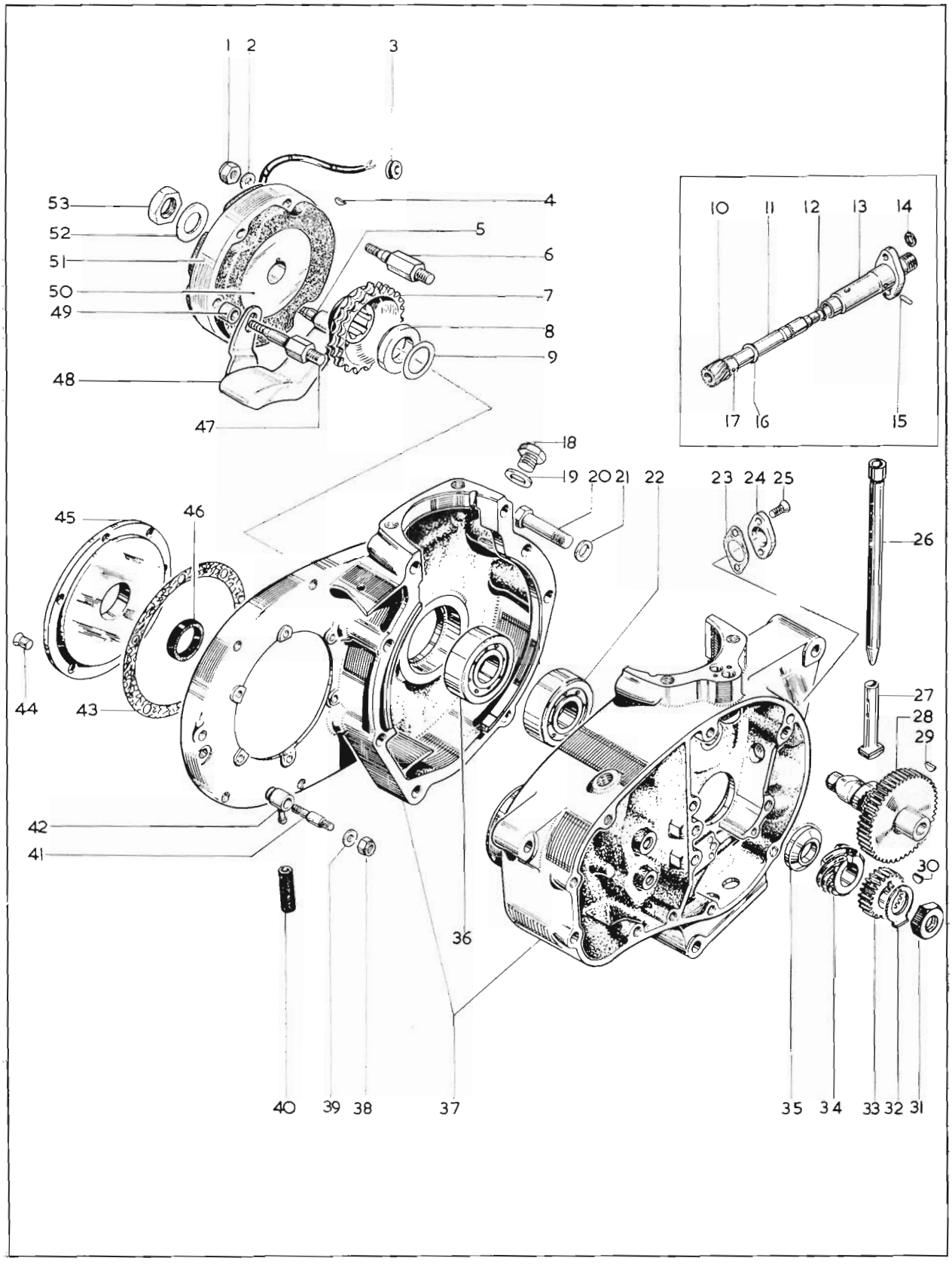

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Plate 3

CRANKCASE

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H MC	**27**	71–2513	Tappet — inlet and exhaust	2
T SS H MC	**28**	71–1680	Camshaft complete	1
T SS H MC	**29**	71–1679	Key — camshaft pinion	1
T SS H MC	**30**	41–0560	Key — crankshaft pinion	1
T SS H MC	**31**	21–2039	Nut — crankshaft ($\frac{5}{8}$" UN.F.)	1
T SS H MC	**32**	40–0455	Lockwasher — crankshaft nut	1
T SS H MC	**33**	41–0569	Pinion — crankshaft	1
T SS H MC	**34**	41–0567	Oil pump drive — crankshaft	1
T SS H MC	**35**	41–0565	Distance piece — oil pump drive	1
T SS H MC	**36**	24–0724	Bearing — roller, left, inner (Hoffmann R.325L)	1
T SS H MC	**36**	65–5883	Bearing — ball, left, outer (Hoffmann LS.9)	1
T SS H MC		71–2546†	Circlip — crankcase bearing	1
T SS H MC		71–1631†	Spacer — crankcase bearing	1
T SS H MC	**37**	71–1870	Crankcase with fixed fittings	1
T SS H MC	**38**	14–1901	Nut — chain oiler stud ($\frac{1}{4}$" UN.F.)	1
T SS H MC	**39**	02–0525	Washer — chain oiler stud ($\frac{1}{4}$" × $\frac{1}{2}$" × 3/64")	1
T SS H MC	**40**	40–0375	Oil pipe — rear chain oiler	1
T SS H MC	**41**	21–1985*	Stud — rear chain oiler ($\frac{1}{4}$" UN.C./UN.F. × $1\frac{5}{8}$")	1
T SS H MC	**42**	68–0383	Rear chain oiler	1
T SS H MC	**43**	71–1419	Gasket — primary case back	1
T SS H MC	**44**	40–0246	Screw — primary case back (2 B.A. × $\frac{5}{16}$")	6
T SS H MC	**45**	70–3789	Cover plate — primary case back	1
T SS H MC	**46**	40–0243	Oil seal — primary case back	1
T SS H MC	**47**	21–1894*	Rear stud — stator fixing ($\frac{1}{4}$" UN.F. × $\frac{5}{16}$" UN.C. × $2\frac{19}{32}$")	1
T SS H MC	**48**	41–0143	Chain tensioner — primary	1
T SS H MC	**49**	41–0146	Distance piece — chain tensioner	1
T SS H MC	**50**	19–8019	Generator rotor (Lucas 54213901)	1
T SS H	**51**	19–1262	Generator stator (Lucas 47205)	1
MC	**51**	19–1264	Generator stator (Lucas 47226)	1
T SS H MC	**52**	71–1731	Washer — rotor fixing	1
T SS H MC	**53**	21–2066	Nut — rotor fixing ($\frac{5}{8}$" UN.F.)	1

*Special material: **5**—EN8. **6**—EN14B. **25**—EN8R. **41**—EN14B. **47**—EN14B.

†Not illustrated.

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Plate 4

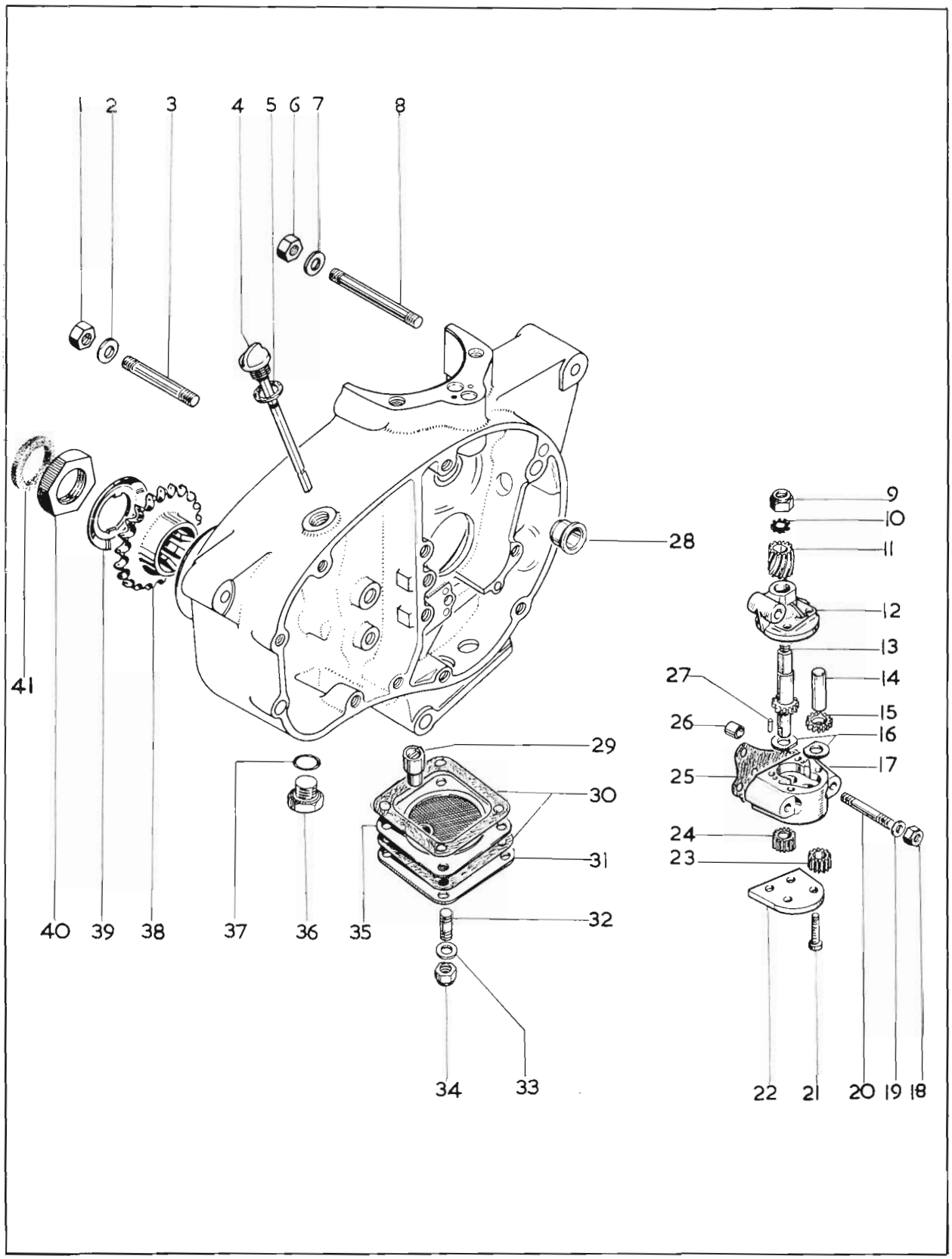

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Plate 4

OIL PUMP – SUMP – GEARBOX SPROCKET

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H MC	**1**	14–0302	Nut — crankcase stud ($\frac{5}{16}$" UN.F.)	2
T SS H MC	**2**	02–0923	Washer — crankcase stud ($\frac{5}{16}$" × $\frac{5}{8}$" × $\frac{1}{16}$")	2
T SS H MC	**3**	21–1890	Stud — crankcase, rear ($\frac{5}{16}$" UN.F./UN.C. × $2\frac{11}{16}$")	2
T SS H MC	**4**	40–1033	Gearbox dipstick	1
T SS H MC	**5**	57–0948	Dipstick washer	1
T SS H MC	**6**	14–0302	Nut — crankcase stud ($\frac{5}{16}$" UN.F.)	2
T SS H MC	**7**	02–0923	Washer for nut — crankcase stud ($\frac{5}{16}$" × $\frac{5}{8}$" × $\frac{1}{16}$")	2
T SS H MC	**8**	21–2042	Crankcase stud — top	2
T SS H MC	**9**	14–1301	Locknut — oil pump spindle ($\frac{1}{4}$" UN.F.)	1
T SS H MC	**10**	29–0541	Lockwasher — oil pump spindle	1
T SS H MC	**11**	41–0603	Oil pump driving gear	1
T SS H MC	**12**	71–2119	Oil pump spindle housing	1
T SS H MC	**13**	71–2123	Oil pump driving spindle	1
T SS H MC	**14**	71–1147	Oil pump driven spindle	1
T SS H MC	**15**	71–2121	Oil pump feed gear — driven	1
T SS H MC	**16**	41–0714	Oil pump thrust washer	2
T SS H MC		71–2228	Oil pump complete	1
T SS H MC	**17**	71–2125	Oil pump body	1
T SS H MC	**18**	14–1901	Nut — oil pump mounting ($\frac{1}{4}$" UN.F.)	3
T SS H MC	**19**	68–0938	Washer — oil pump mounting (17/64" × $\frac{5}{8}$" × $\frac{1}{16}$")	3
T SS H MC	**20**	21–1893*	Stud — oil pump mounting ($\frac{1}{4}$" UN.F./UN.C. × $2\frac{3}{16}$")	2
T SS H MC	**20**	14–1606	Stud — oil pump mounting ($\frac{1}{4}$" UN.F./UN.C. × $1\frac{3}{4}$")	1
T SS H MC	**21**	41–0609	Screw — oil pump cover plate ($\frac{3}{16}$" B.S.C. × $1\frac{5}{16}$")	4
T SS H MC	**22**	67–1391	Oil pump cover plate	1
T SS H MC	**23**	71–2124	Oil pump scavenge gear — driven	1
T SS H MC	**24**	71–2122	Oil pump scavenge gear — driving	1
T SS H MC	**25**	71–2115	Oil pump gasket	1
T SS H MC	**26**	41–0706	Dowel — oil pump	1
T SS H MC	**27**	71–1148	Dowel — oil pump body	2
T SS H MC	**28**	70–8315	Camshaft bush	1
T SS H MC	**29**	41–0624	Scavenge valve complete	1
T SS H MC	**30**	71–1424	Scavenge cover gasket	2
T SS H MC	**31**	67–1286	Sump plate	1
T SS H MC	**32**	14–1401	Stud — scavenge cover ($\frac{1}{4}$" UN.F./UN.C. × 1")	4
T SS H MC	**33**	02–0525	Washer — scavenge cover ($\frac{1}{4}$" × $\frac{1}{2}$" × 3/64")	4
T SS H MC	**34**	14–1901	Locknut — scavenge cover ($\frac{1}{4}$" UN.F.)	4
T SS H MC	**35**	70–9979	Crankcase filter assembly	1
T SS H MC	**36**	21–1857	Drain plug — gearbox ($\frac{1}{2}$" UN.C.)	1
T SS H MC	**37**	68–3168	"O" ring — drain plug	1
T	**38**	41–3094	Gearbox sprocket — 15 teeth	1
SS. H	**38**	41–3095	Gearbox sprocket — 16 teeth	1
MC	**38**	57–4306	Gearbox sprocket — 14 teeth	1
T SS H MC	**39**	40–3121	Lockwasher — gearbox sprocket	1
T SS H MC	**40**	40–3051*	Nut — gearbox sprocket ($1\frac{3}{16}$" × 20 t.p.i., WHITWORTH)	1
T SS H MC	**41**	90–6074	Felt washer — gearbox sprocket	1

*Special material: **20**—EN14B. **40**—EN8.

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Plate 5

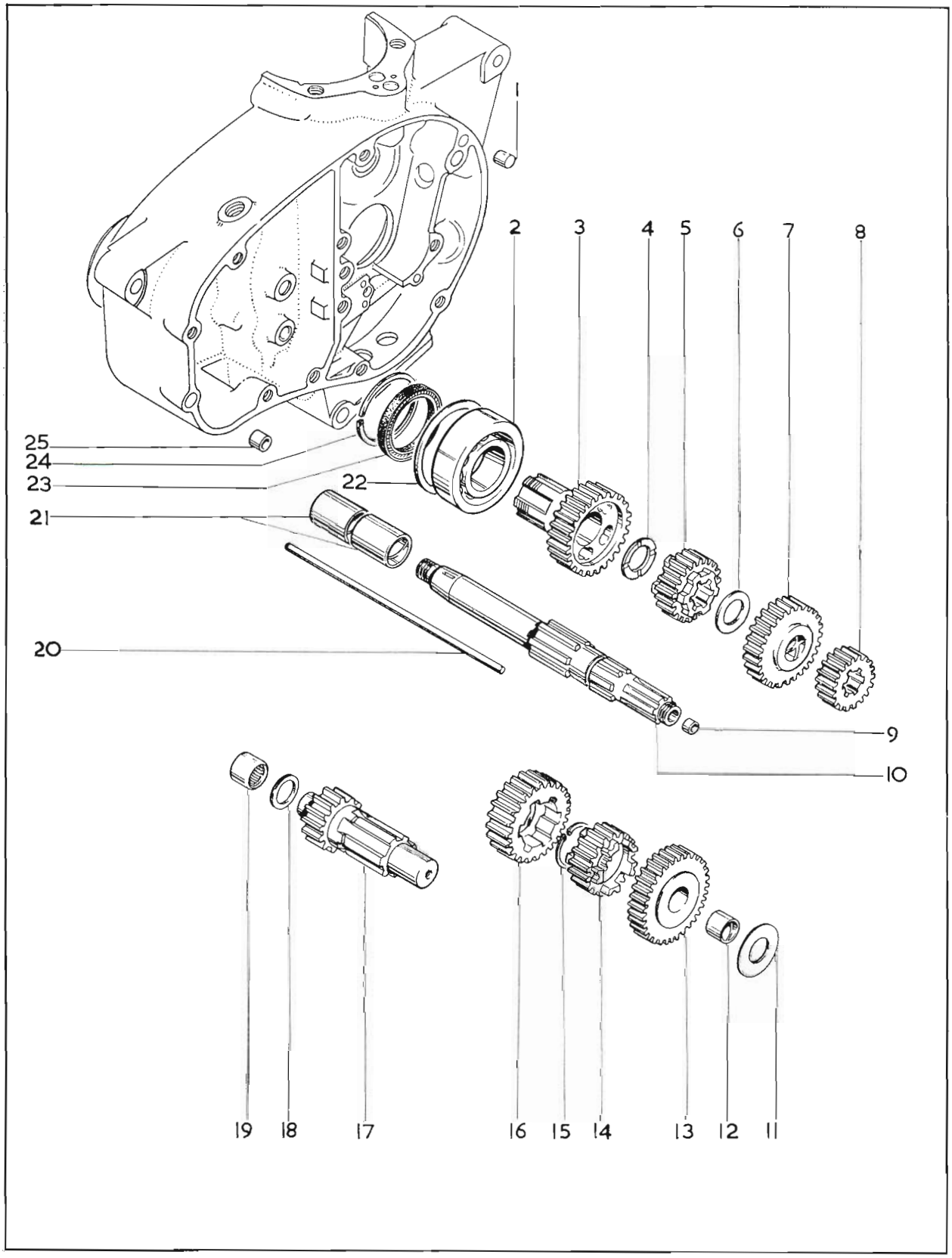

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Plate 5

GEAR CLUSTER

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H MC	**1**	40–0394	Dowel — inner cover to crankcase	2
T SS H MC	**2**	29–3857	Mainshaft bearing (Hoffmann 130)	1
T SS H MC	**3**	57–3872	Pinion — mainshaft top gear (22 teeth)	1
T SS H MC	**4**	40–3020	Spacer (·093—·094″)	*as reqd.*
T SS H MC	**4**	40–3126	Spacer (·098—·099″)	*as reqd.*
T SS H MC	**4**	40–3127	Spacer (·103—·104″)	*as reqd.*
T SS H MC	**5**	57–3876	Pinion — layshaft second gear (21 teeth)	1
T SS H MC	**6**	40–3019	Spacer (·075—·076″)	*as reqd.*
T SS H MC	**6**	40–3119	Spacer (·070—·071″)	*as reqd.*
T SS H MC	**6**	40–3120	Spacer (·080—·081″)	*as reqd.*
T SS H MC	**7**	41–3063	Pinion — mainshaft third gear (24 teeth)	1
T SS H	**8**	41–3089	Pinion — mainshaft first gear (16 teeth)	1
MC	**8**	41–3065	Pinion — mainshaft first gear (18 teeth)	1
T SS H MC	**9**	40–3007	Mainshaft bush — push rod	1
T SS H MC	**10**	57–4344	Mainshaft with bush	1
T SS H MC	**11**	40–3258	Layshaft shim	1
T SS H MC	**12**	40–3262	Bush — layshaft first gear	1
T SS H	**13**	57–3874	Pinion — layshaft first gear (27 teeth)	1
MC	**13**	41–3073	Pinion — layshaft first gear (25 teeth)	1
T SS H MC	**14**	57–3877	Pinion — layshaft third gear (19 teeth)	1
T SS H MC	**15**	41–3078	Layshaft circlip	1
T SS H MC	**16**	41–3070	Pinion — layshaft second gear (22 teeth)	1
T SS H MC	**17**	41–3068	Layshaft with top gear (14 teeth)	1
T SS H MC	**18**	41–3074	Thrust washer (·083—·085″)	*as reqd.*
T SS H MC	**18**	41–3072	Thrust washer (·078—·080″)	*as reqd.*
T SS H MC	**19**	40–3292	Layshaft bearing (Torrington B.108)	1
T SS H MC	**20**	40–3265	Clutch push rod	1
T SS H MC	**21**	41–3045	Bush — mainshaft top gear	2
T SS H MC	**22**	71–1271	Shield — gearbox main bearing	1
T SS H MC	**23**	41–3054	Mainshaft oil seal	1
T SS H MC	**24**	70–6026	Circlip — mainshaft oil seal	1
T SS H MC	**25**	71–2547	Dowel — crankcase inner cover	2

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Plate 6

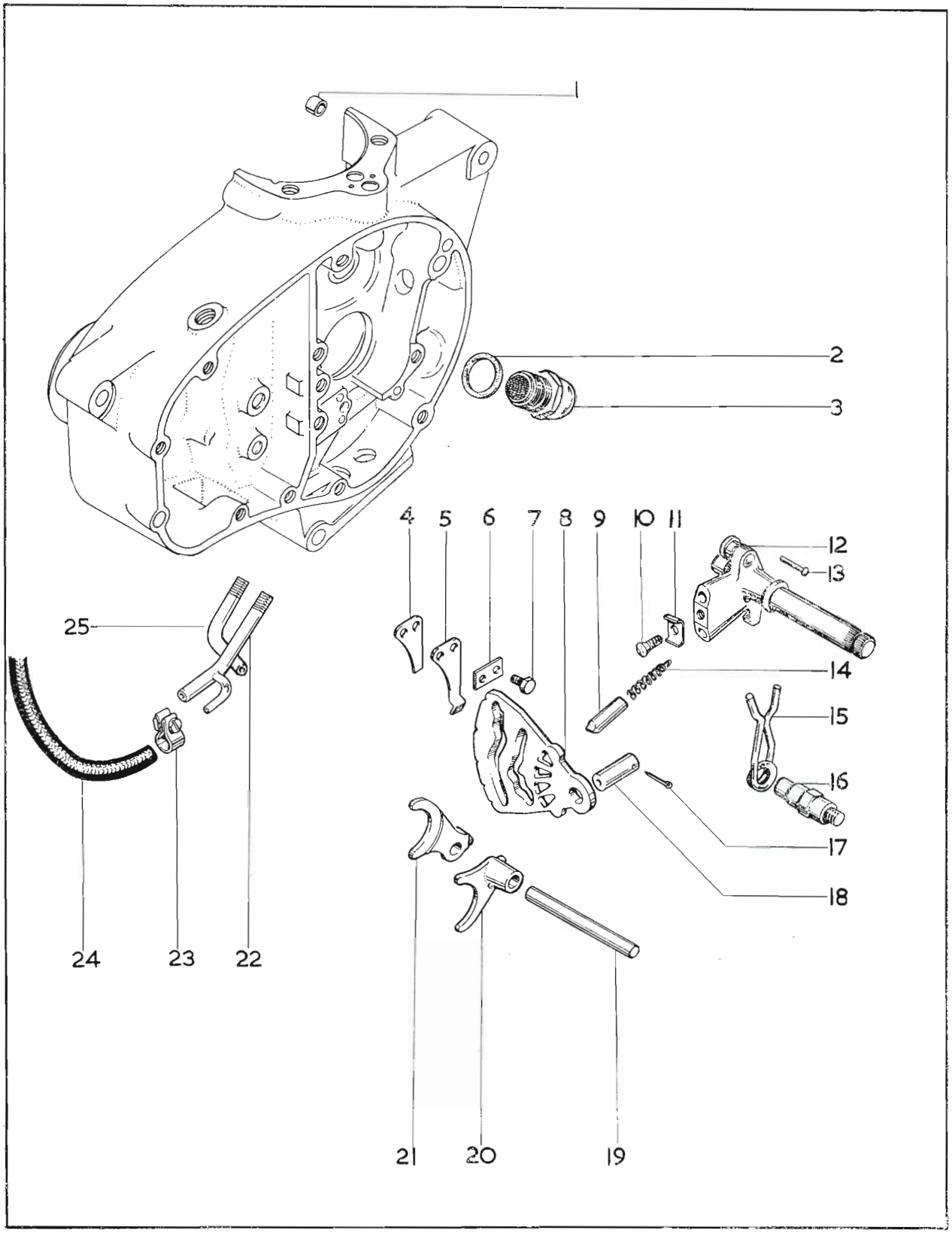

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Plate 6

GEARCHANGE MECHANISM

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H MC	**1**	67–1236	Crankcase dowel	1
T SS H MC	**2**	71–2211	Washer — pressure release valve	1
T SS H MC	**3**	71–2370	Pressure release valve assembly	1
T SS H MC	**4**	40–3043	Spring plate	1
T SS H MC	**5**	40–3042	Cam plate spring	1
T SS H MC	**6**	40–3045	Lock plate — cam plate spring	1
T SS H MC	**7**	40–3044	Screw — cam plate spring (2 B.A. × $\frac{3}{8}$″)	2
T SS H MC	**8**	57–3850	Cam plate — gearchange	1
T SS H MC	**9**	40–3193	Plunger — gearchange quadrant	2
T SS H MC	**10**	40–3323	Screw — plunger retaining plate (5 B.A. × $\frac{5}{16}$″)	1
T SS H MC	**11**	40–3194	Retaining plate — quadrant plungers	1
T SS H MC	**12**	40–3321	Gearchange quadrant complete	1
T SS H MC	**13**	40–3059	Rivet — plunger spring	2
T SS H MC	**14**	40–3155	Plunger spring	2
T SS H MC	**15**	40–3061	Gearchange return spring	1
T SS H MC	**16**	57–3763	Anchor bolt — return spring	1
T SS H MC	**17**	60–2724	Split pin — cam plate spindle ($\frac{3}{32}$″ × 1″)	1
T SS H MC	**18**	40–3291	Cam plate spindle	1
T SS H MC	**19**	40–3032	Selector fork spindle	1
T SS H MC	**20**	40–3033	Layshaft selector fork	1
T SS H MC	**21**	57–3854	Mainshaft selector fork	1
T SS H MC	**22**	71–2240	Oil return pipe	1
T SS H MC	**23**	62–0263	Clamp — rocker feed pipe	1
T SS H MC	**24**	40–1037	Rocker oil feed pipe	1
T SS H MC	**25**	71–2243	Oil feed pipe	1
T SS H MC		14–0302†	Nut — oil feed and return pipes ($\frac{5}{16}$″ UN.F.)	2

†Not illustrated.

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Plate 7

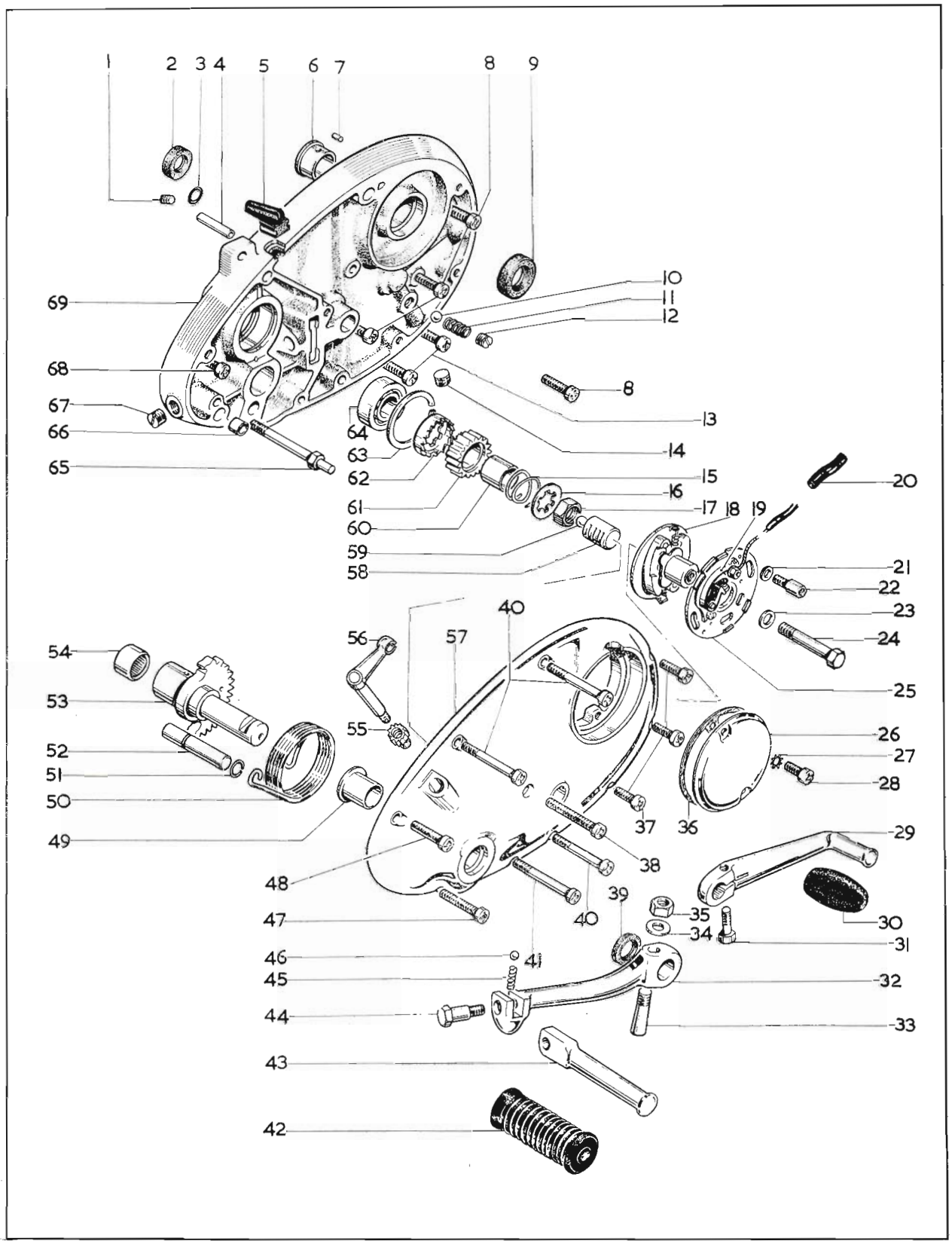

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Plate 7

KICKSTART — FOOTCHANGE

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H MC	1	53-3049	Plug — mainshaft oil feed	1
T SS H MC	2	40-0977	Oil seal — crankshaft	1
T SS H MC		40-0862†	Circlip — crankshaft oil seal	1
T SS H MC	3	68-0289	"O" ring — inner cover	1
T SS H MC	4	75-0257	Breather pipe — inner cover	1
T SS H MC	5	41-0715	Grommet — contact breaker cable	1
T SS H MC	6	40-0222	Camshaft bush	1
T SS H MC	7	40-0028	Camshaft bush peg	1
T SS H MC	8	14-6610	Screw — inner cover to crankcase ($\frac{1}{4}$" UN.C. × $1\frac{1}{2}$")	4
T SS H MC	9	40-0679	Camshaft oil seal	1
T SS H MC	10	60-2364	Ball — non-return valve ($\frac{1}{4}$")	1
T SS H MC	11	40-0385	Spring — non-return valve	1
T SS H MC	12	21-2044	Plug — non-return valve	1
T SS H MC	13	14-6606	Bottom screw — inner cover ($\frac{1}{4}$" UN.C. × $\frac{3}{4}$")	2
T SS H MC	14	70-9526	Sealing plug	2
T SS H MC	15	40-3273	Spring — kickstart ratchet	1
T SS H MC	16	57-4343	Mainshaft lockwasher	1
T SS H MC	17	76-0271	Mainshaft nut	1
T SS H	18	19-1853	Auto-advance unit (Lucas 54419653)	1
MC	18	19-1906	Auto-advance unit (Lucas 54419652)	1
T SS H MC	19	19-1849	Contact set (Lucas 54419827)	1
T SS H MC	20	40-0723	Contact breaker lead sleeve	1
T SS H MC	21	40-0682	Washer — contact breaker plate ($\frac{3}{16}$" × $\frac{3}{8}$" × $\frac{1}{16}$")	2
T SS H MC	22	40-0683	Pillar bolt — contact breaker plate	2
T SS H MC	23	68-0331	Washer — auto-advance unit	1
T SS H MC	24	14-0208	Bolt — auto-advance unit ($\frac{1}{4}$" UN.F. $2\frac{1}{4}$")	1
T SS H MC	25	19-1852	Contact breaker plate assembly (Lucas 54419645)	1
T SS H MC	26	70-8737	Contact breaker cover	1
T SS H MC	27	29-3319	Lockwasher — cover screw	2
T SS H MC	28	70-7354	Screw — contact breaker cover (2 B.A. × $1\frac{1}{2}$")	2
T SS H MC	29	40-3073	Gearchange lever	1
T SS H MC	30	89-3208	Rubber — gearchange pedal	1
T SS H MC	31	42-6554	Bolt — gearchange pedal ($\frac{1}{4}$" B.S.C. × $\frac{3}{4}$")	1
T SS H MC	32	57-2764	Kickstart lever complete	1
T SS H MC	32	57-2652	Kickstart lever crank	1
T SS H MC	33	02-2579	Cotter — kickstart lever	1
T SS H MC	34	02-2580	Washer — kickstart lever cotter ($\frac{9}{32}$" × $\frac{1}{2}$" × $\frac{1}{16}$")	1
T SS H MC	35	02-2578	Nut — kickstart lever cotter ($\frac{1}{4}$" B.S.C.)	1

†Not illustrated.

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Plate 7—*continued*

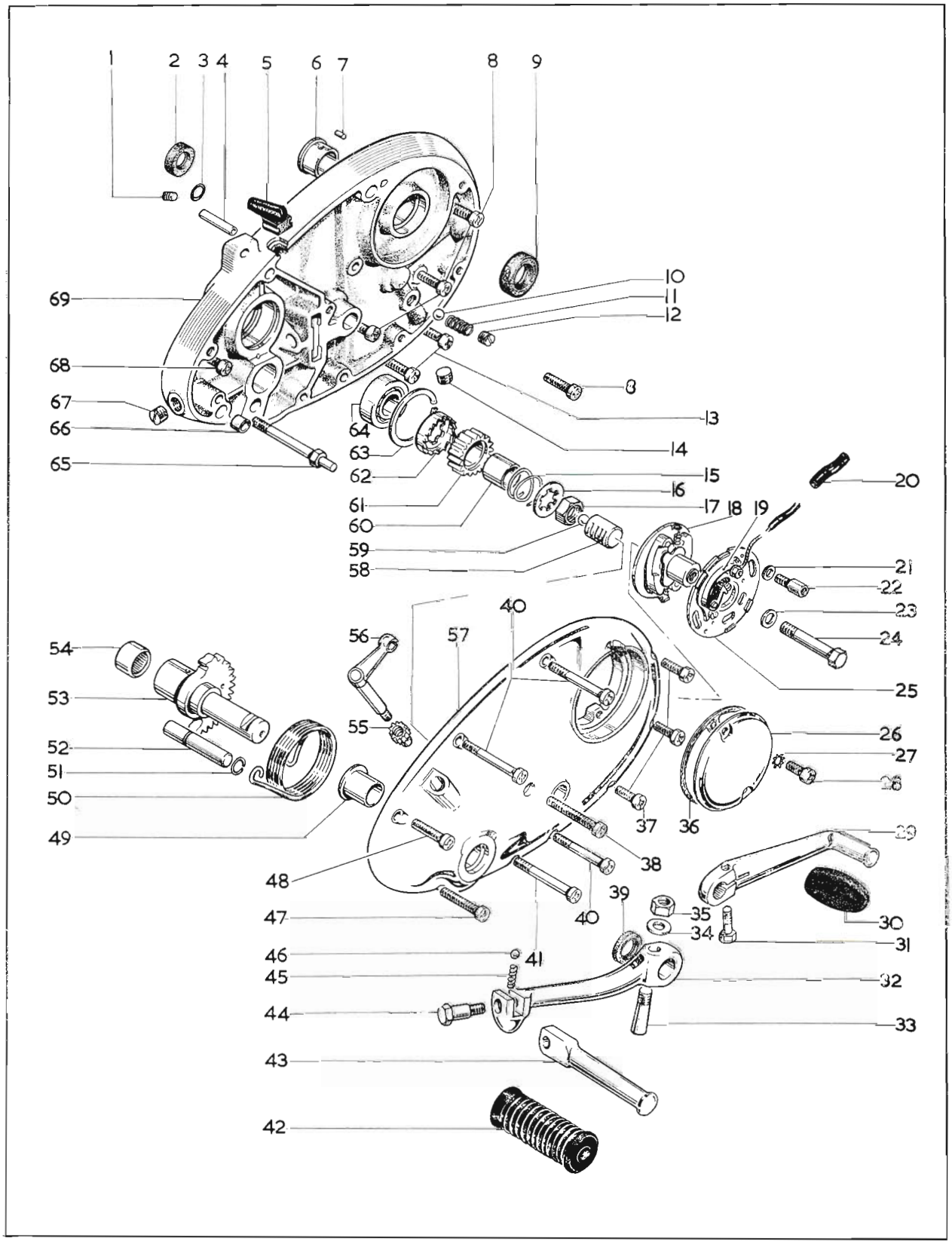

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Plate 7—*continued*

KICKSTART — FOOTCHANGE

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H MC	**36**	71–1423	Gasket — contact breaker cover	1
T SS H MC	**37**	40–0236	Screw — outer cover (2 B.A. × $\frac{5}{8}$″)	3
T SS H MC	**38**	14–6611	Screw — outer cover ($\frac{1}{4}$″ UN.C. × 1$\frac{3}{4}$″)	1
T SS H MC	**39**	57–2641	Oil seal — kickstart spindle	1
T SS H MC	**40**	14–6612	Screw — outer cover ($\frac{1}{4}$″ UN.C. × 2″)	3
T SS H MC	**41**	14–6614	Screw — outer cover ($\frac{1}{4}$″ UN.C. × 2$\frac{1}{2}$″)	1
T SS H MC	**42**	57–2759	Pedal rubber — kickstart lever	1
T SS H MC	**43**	57–2646	Folding pedal — kickstart lever	1
T SS H MC	**44**	40–3084	Bolt — kickstart folding pedal ($\frac{5}{16}$″ B.S.C. × 1$\frac{3}{16}$″)	1
T SS H MC	**45**	40–3085	Spring — kickstart folding pedal	1
T SS H MC	**46**	60–2364	Ball — kickstart folding pedal ($\frac{1}{4}$″)	1
T SS H MC	**47**	14–6610	Screw — outer cover ($\frac{1}{4}$″ UN.C. × 1$\frac{1}{2}$″)	1
T SS H MC	**48**	14–6606	Screw — outer cover ($\frac{1}{4}$″ UN.C. × $\frac{3}{4}$″)	1
T SS H MC	**49**	57–2642	Bush — kickstart spindle	1
T SS H MC	**50**	57–4338	Return spring — kickstart lever	1
T SS H MC	**51**	40–3277	Circlip — kickstart quadrant stop	1
T SS H MC	**52**	57–4342	Kickstart quadrant stop	1
T SS H MC	**53**	57–4341	Kickstart spindle complete	1
T SS H MC	**54**	40–3292	Bearing — kickstart spindle (Torrington B.108)	1
T SS H MC	**55**	40–3283	Pinion — clutch operating lever	1
T SS H MC	**56**	57–2750	Clutch lever complete	1
T SS H MC	**57**	71–2273	Outer timing cover complete	1
T SS H MC	**58**	40–3282	Rack — clutch operating	1
T SS H MC	**59**	60–2363	Ball — clutch push rod ($\frac{7}{32}$″)	1
T SS H MC	**60**	40–3272	Bush — kickstart ratchet pinion	1
T SS H MC	**61**	57–4336	Kickstart ratchet pinion	1
T SS H MC	**62**	57–4339	Kickstart ratchet	1
T SS H MC	**63**	76–0528	Circlip — mainshaft bearing	1
T SS H MC	**64**	90–0011	Bearing — gearbox mainshaft (Hoffmann LS.7)	1
T SS H MC	**65**	57–3764	Anchor bolt — kickstart return spring	1
T SS H MC	**66**	66–3074	Dowel — outer to inner cover	1
T SS H MC	**67**	21–1899	Screwed plug — inner cover	1
T SS H MC	**68**	14–6608	Screw — inner cover ($\frac{1}{4}$″ UN.C. × 1″)	1
T SS H MC	**69**	71–2545	Inner cover complete	1

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Plate 8

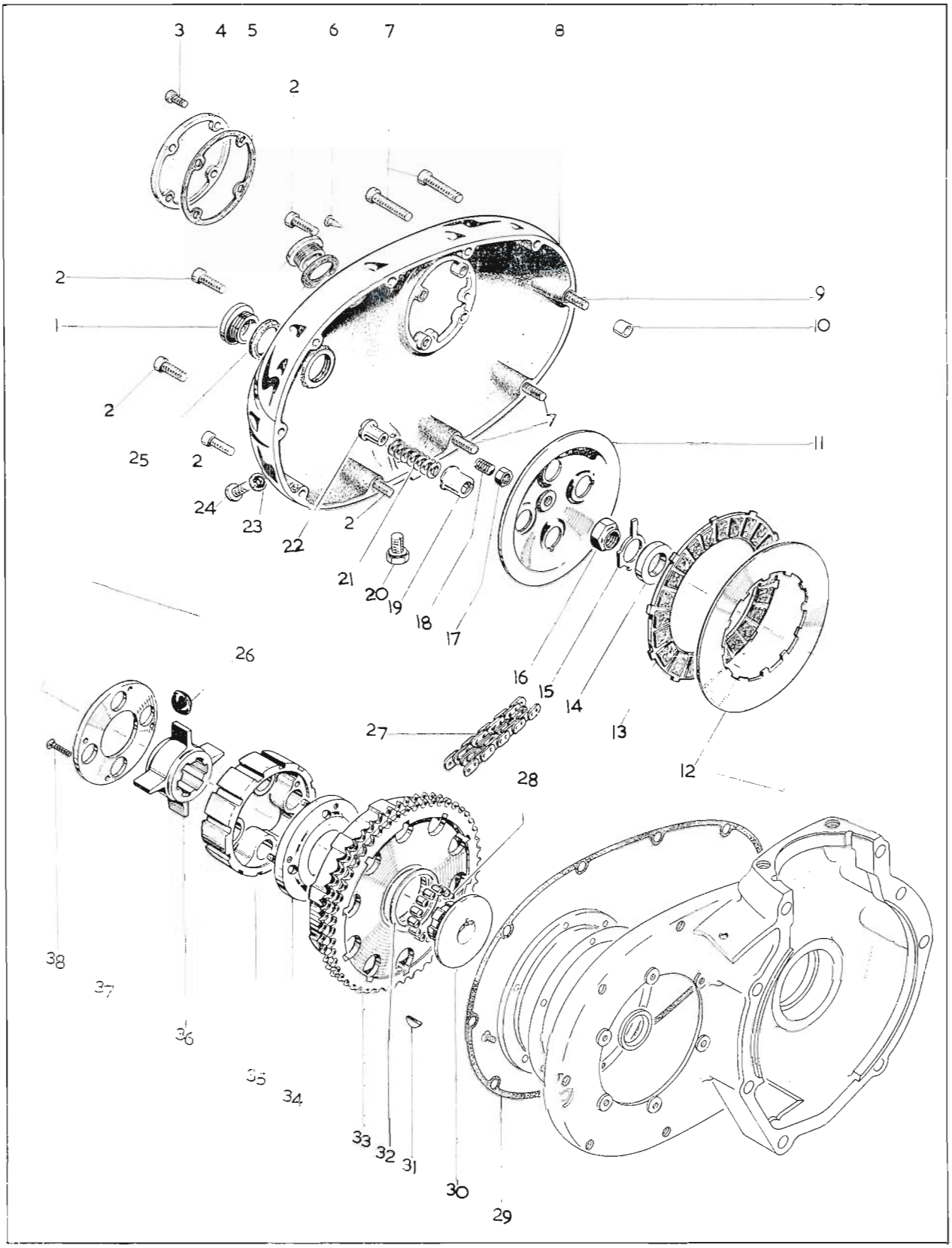

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Plate 8

CLUTCH — PRIMARY COVER

Model	Plate Ref.	Spares Number	Description	Per Set
T SS H MC	1	57–2166	Screwed plug — primary cover (1" UN.S.)	1
T SS H MC	1	70-9800	Screwed breather plug — primary cover (1" UN.S.)	1
T SS H MC	2	14-6610	Primary cover screw ($\frac{1}{4}$" UN.C. × $1\frac{1}{2}$")	5
T SS H MC	3	76–4116	Inspection cover screw (2 B.A. × $\frac{1}{2}$")	4
T SS H MC	4	68–0839	Timing inspection cover	1
T SS H MC	5	71–1420	Gasket — inspection cover	1
T SS H MC	6	40–1005	Ignition timing pointer	1
T SS H MC	7	14–6611	Primary cover screw ($\frac{1}{4}$" UN.C. × $1\frac{3}{4}$")	4
T SS H MC	8	71–2025	Primary cover assembly	1
T SS H MC	9	21–1951	Primary cover screw — dowel hole ($\frac{1}{4}$" UN.C. × $1\frac{7}{8}$")	1
T SS H MC	10	66–3074	Dowel — primary cover to crankcase	2
T SS H MC	11	57–4019	Clutch pressure plate	1
T SS H MC	12	40–3220	Clutch driven plate	5
T SS H MC	13	40–3233	Clutch driving plate	4
T SS H MC	14	40–3234	Spacing washer	1
T SS H MC	15	40–3221	Lockwasher — clutch retaining nut	1
T SS H MC	16	40–3227	Clutch retaining nut ($\frac{1}{2}$" B.S.C.)	1
T SS H MC	17	14–0401	Nut — clutch adjusting screw ($\frac{1}{4}$" UN.F.)	1
T SS H MC	18	57–4189	Clutch adjusting screw ($\frac{1}{4}$" UN.F. × $\frac{5}{8}$")	1
T SS H MC	19	57–4121	Clutch spring cup	4
T SS H MC	20	21–1943	Primary case drain plug	1
T SS H MC	21	41–3091	Clutch spring	4
T SS H MC	22	41–3215	Clutch spring nut	4
T SS H MC	23	71–1065	Washer — oil level screw	1
T SS H MC	24	14–7804	Oil level screw	1
T SS H MC	25	70–8782	Washer for screwed plugs	2
T SS H MC	26	41–3212	Rubber pad — drive and rebound	8
T SS H MC	27	19–8683	Primary chain (72 pitches)	1
T SS H MC	28	40–3206	Clutch roller ($\frac{3}{16}$" × $\frac{3}{16}$")	25
T SS H MC	29	71–1418	Gasket — primary cover	1
T SS H MC	30	57–4200	Clutch hub	1
T SS H MC	31	40–3150	Clutch hub key	1
T SS H MC	32	57–3931	Thrust washer	1
T SS H MC	33	57–4303	Clutch chainwheel	1
T SS H MC	34	40–3207	Retaining plate — inner	1
T SS H MC	35	57–4186	Clutch centre	1
T SS H MC	36	41–3209	Clutch spider	1
T SS H MC	37	40–3210	Retaining plate — outer	1
T SS H MC	38	40–3330	Screw — inner and outer retaining plates (1 B.A. × $\frac{15}{16}$")	4
T SS H MC		57–4302	Clutch assembly complete	1

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Plate 9

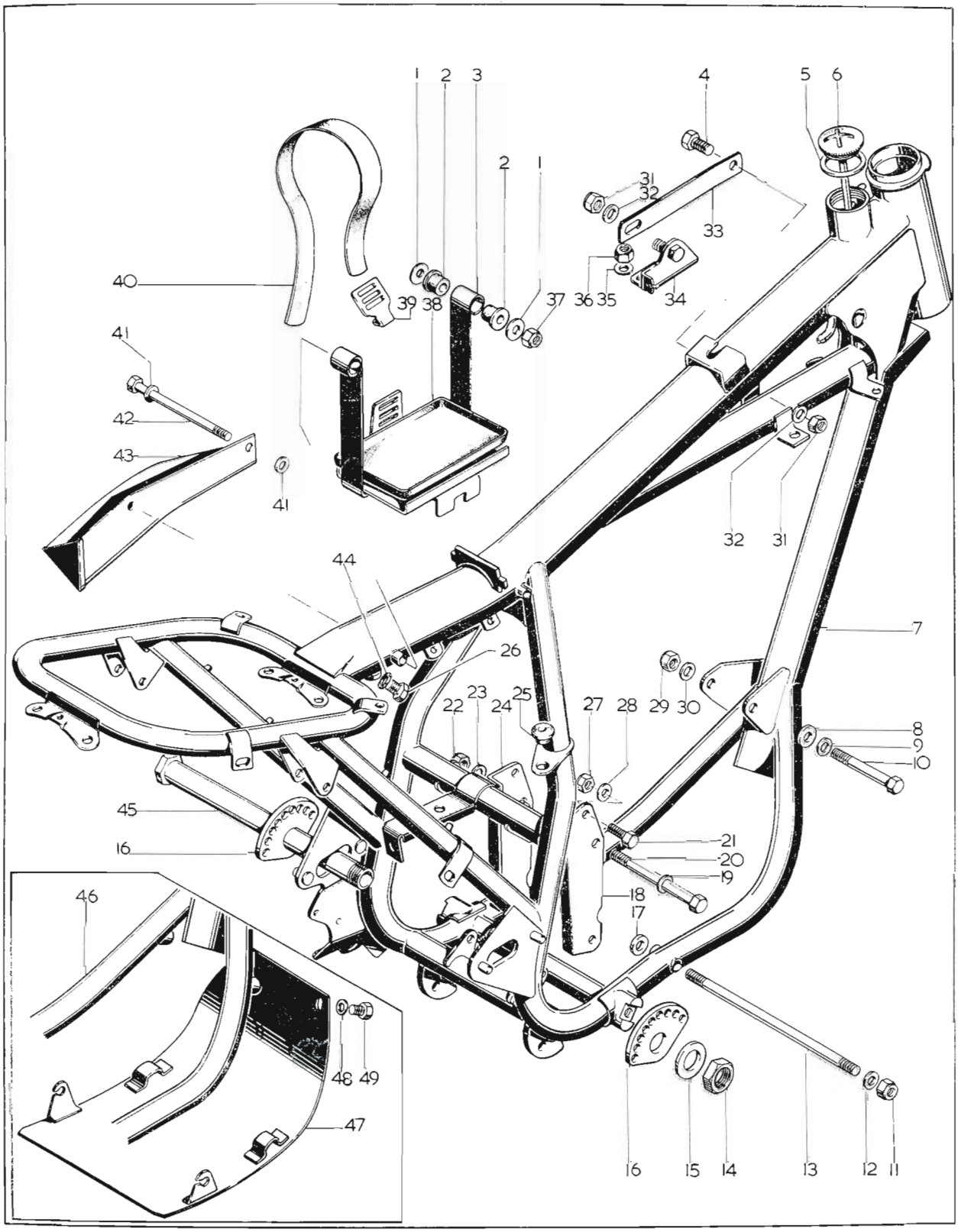

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Plate 9
FRAME — BATTERY CARRIER — TOOL TRAY — ENGINE SHIELD

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H	1	76-0101	Washer — battery carrier mounting	4
T SS H	2	83-2204	Bush — battery carrier mounting	4
T SS H	3	83-2018	Battery carrier	1
T SS H MC	4	14-0126	Bolt — engine steady (⅜″ UN.F. × ¾″)	1
T SS H MC	5	70-3751	Washer — oil filler	1
T SS H MC	6	83-3046	Oil filler cap	1
MC	7	83-2984	Frame complete	1
T SS H	7	83-2985	Frame complete	1
T SS H MC	8	83-2004	Distance piece — engine mounting, front	1
T SS H MC	8	68-4925	Distance piece — exhaust pipe and front engine bolt	1
T SS H MC	9	70-8770	Washer — engine mounting, front	1
T SS H MC	10	14-0239	Bolt — engine mounting, front (⅜″ UN.F. × 3″)	1
T SS H MC	11	14-1303	Locknut — engine mounting, bottom (⅜″ UN.F.)	2
T SS H MC	12	70-8770	Washer — engine mounting, bottom	2
T SS H MC	13	21-2061*	Stud — engine mounting, bottom (⅜″ UN.F. × 8 11/16″)	1
T SS H MC	14	21-0755	Nut — swinging arm pivot (13/16″ UN.C.)	1
T SS H MC	15	37-2085	Washer — swinging arm pivot	1
T SS H MC	16	83-1972	Adjuster — swinging arm pivot	2
T SS H MC	17	83-2005	Spacer — engine mounting, bottom	1
T SS H MC	18	83-2015	Engine mounting plate — rear, right	1
T SS H MC	19	70-8770	Washer — engine mounting, rear	2
T SS H MC	20	21-0671	Bolt — engine mounting, rear (⅜″ UN.F. × 3 7/8″)	1
T SS H MC	21	14-0114	Bolt — engine mounting, rear (5/16″ UN.F. × ¾″)	4
T SS H MC	22	14-1303	Locknut — engine mounting, rear (⅜″ UN.F.)	1
T SS H MC	23	70-8770	Washer — engine mounting, rear	2
T SS H MC	24	83-2014	Engine mounting plate — rear, left	1
T SS H	25	83-2006	Grommet — battery carrier mounting	1
T SS H MC	26	21-2015	Oil drain plug	1

For colour finish code refer to page 3.

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Plate 9—*continued*

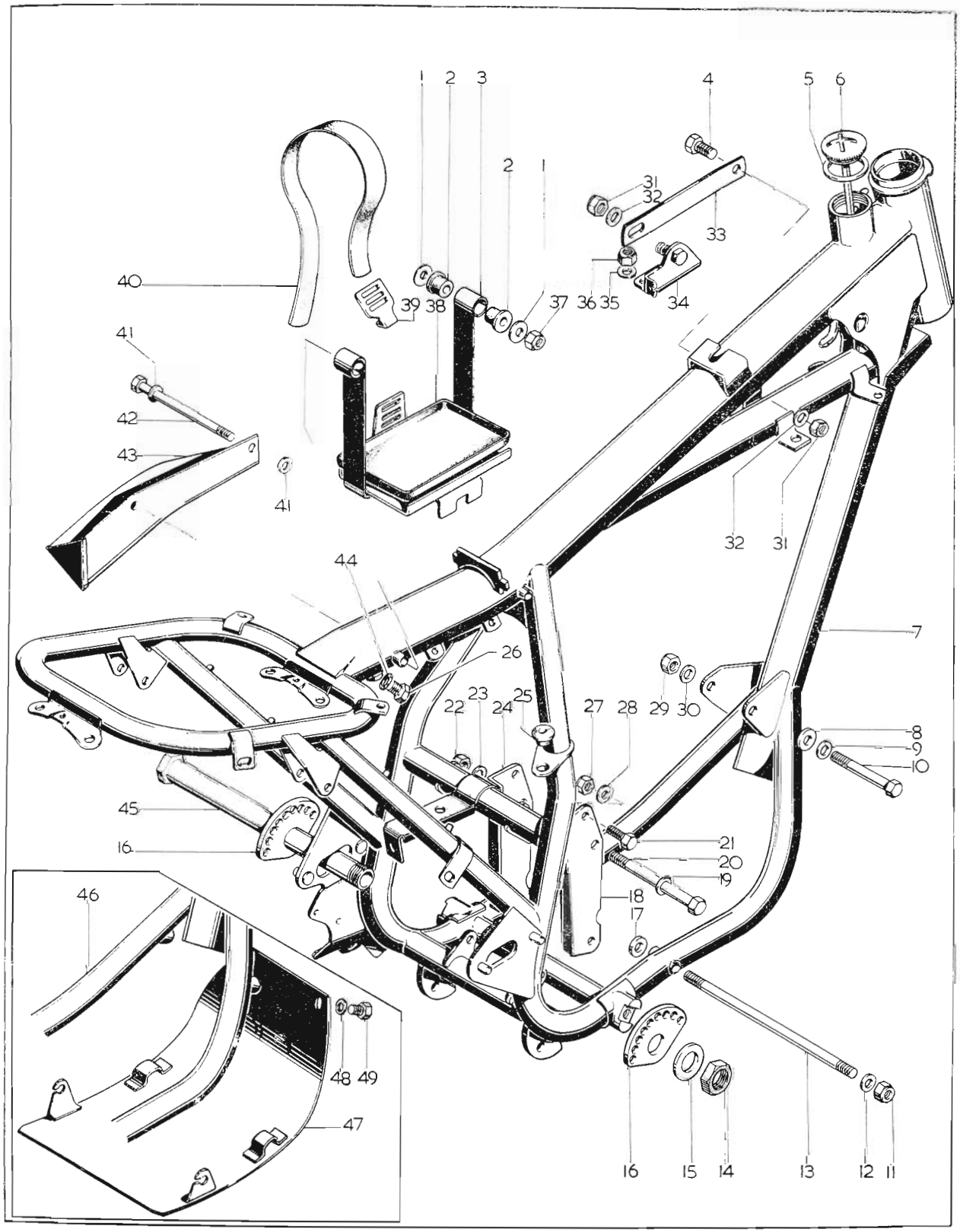

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Plate 9—*continued*

FRAME — BATTERY CARRIER — TOOL TRAY — ENGINE SHIELD

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H MC	27	14–1302	Locknut — engine mounting, rear ($\frac{5}{16}$" UN.F.)	4
T SS H MC	28	75–0176	Washer — engine mounting, rear	8
T SS H MC	29	14–1303	Locknut — engine mounting, front ($\frac{3}{8}$" UN.F.)	1
T SS H MC	30	70–8770	Washer — engine mounting, front	1
T SS H MC	31	14–1303	Locknut — engine steady ($\frac{3}{8}$" UN.F.)	2
T SS H MC	32	60–2331	Washer — engine steady ($\frac{3}{8}$" × $\frac{3}{4}$" × 5/64")	2
T SS H MC	33	83–2717	Engine steady stay	1
T SS H MC	34	83–3153	Engine steady bracket	1
T SS H MC	35	60–2330	Washer — engine steady	2
T SS H MC	36	14–1302	Locknut — engine steady ($\frac{5}{16}$" UN.F.)	2
T SS H	37	14–1301	Locknut — battery carrier mounting ($\frac{1}{4}$" UN.F.)	2
T SS H	38	68–4597	Battery tray	1
T SS H	39	82–9004	Hook — battery strap	1
T SS H	40	68–4577	Battery strap	1
T SS H	41	60–2347	Washer — tool tray mounting ($\frac{1}{4}$" × $\frac{3}{4}$" × 5/64")	4
T SS H	42	21–2060	Bolt — tool tray and battery carrier mounting ($\frac{1}{4}$" UN.F. × $4\frac{3}{4}$")	1
T SS H	43	83–2671	Tool tray	1
T SS H MC	44	54–8006	Washer — drain plug	1
T SS H MC	45	83–2013	Spindle complete — swinging arm	1
MC	46	83–2984	Frame complete	1
T SS H	46	83–2985	Frame complete	1
T	47	83–2228	Engine shield	1
T	48	75–0214	Washer — engine shield fixing (17/64" × $\frac{15}{32}$" × 5/64"	2
T	49	21–0543	Bolt — engine shield fixing ($\frac{1}{4}$" UN.F. × $\frac{1}{4}$")	2

*Special material: **13**—EN16R.

For colour finish code refer to page 3.

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Plate 10

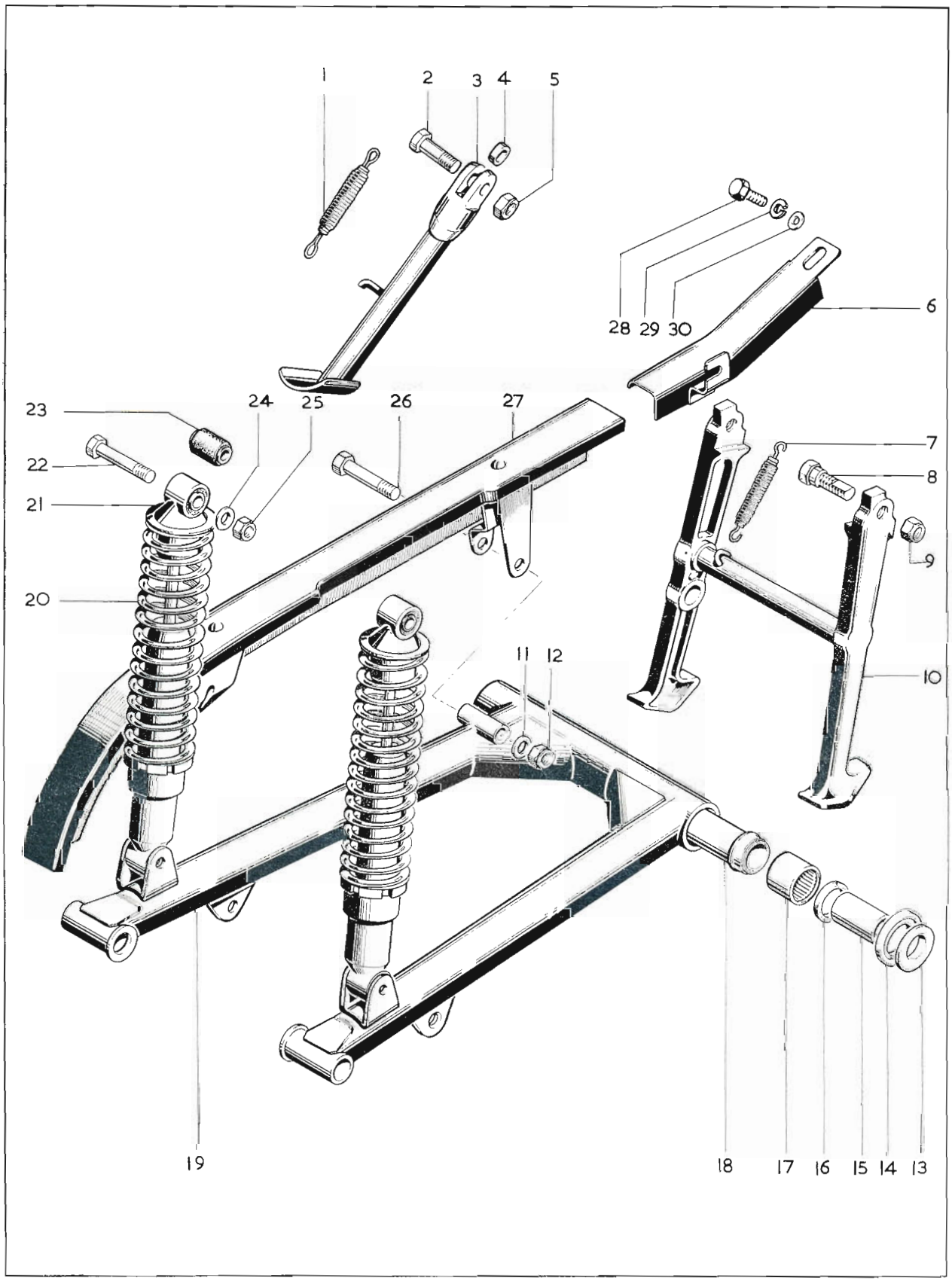

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Plate 10

SWINGING ARM — REAR SUSPENSION — CHAIN GUARD

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H	1	68–4708	Spring — prop stand	1
T SS H	2	14–0232	Bolt — prop stand ($\frac{3}{8}$" UN.F. × $1\frac{3}{8}$")	1
T SS H	3	83–3162	Prop stand	1
T SS H	4	83–3165	Distance piece	1
T SS H	5	14–1303	Locknut — prop stand bolt ($\frac{3}{8}$" UN.F.)	1
T SS H	6	83–2674	Chainguard extension	1
T SS H	7	82–4671	Spring — centre stand (optional extra)	1
T SS H	8	21–2077	Bolt — centre stand fixing (optional extra)	2
T SS H	9	14–1304	Locknut — centre stand fixing ($\frac{7}{16}$" UN.F.) (optional extra)	2
T SS H	10	83–3170	Centre stand (optional extra)	1
T SS H	11	60–2339	Washer — chainguard to swinging arm	1
T SS H	12	14–1302	Locknut — chainguard to swinging arm ($\frac{5}{16}$" UN.F.)	1
T SS H MC	13	83–2233	Thrust washer — swinging arm	2
T SS H MC	14	83–3014	Seal — thrust washer	2
T SS H MC	15	83–2012	Sleeve — inner	2
T SS H MC	16	83–2244	Oil seal — swinging arm	2
T SS H MC	17	83–2245	Needle bearing — swinging arm (Torrington B.1616)	2
T SS H MC	18	83–1969	Spacer tube — swinging arm bearing	1
T SS H MC	19	83–2212	Swinging arm complete	1
T SS H	20	19–7458	Suspension unit spring (Girling 64543708)	2
MC	20	19–7460	Suspension unit spring (Girling 64543626)	2
T SS H	21	19–7454	Suspension unit complete (Girling S.2484)	2
MC	21	19–7456	Suspension unit complete (Girling S.2488)	2
T SS H MC	22	14–0234	Bolt — suspension unit fixing, top and bottom ($\frac{3}{8}$" UN.F. × $1\frac{3}{4}$")	4
T SS H MC	23	19–7461	Bush — suspension unit (Girling 64533645)	4
T SS H MC	24	60–2322	Washer — suspension unit fixing, top and bottom	4
T SS H MC	25	14–1303	Locknut — suspension unit fixing, top and bottom ($\frac{3}{8}$" UN.F.)	4
T SS H	26	14–6221	Bolt — chainguard to swinging arm ($\frac{5}{16}$" UN.C. × 2")	1
T SS H	27	83–2224	Chainguard complete	1
T SS H	28	14–6101	Screw — chainguard extension fixing ($\frac{1}{4}$" UN.C. × $\frac{1}{2}$")	1
T SS H	29	60–2417	Lockwasher — chainguard extension fixing	1
T SS H	30	60–2329	Washer — chainguard extension fixing (17/64" × $\frac{9}{16}$" × $\frac{1}{32}$")	1

For colour finish code refer to page 3.

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Plate 11

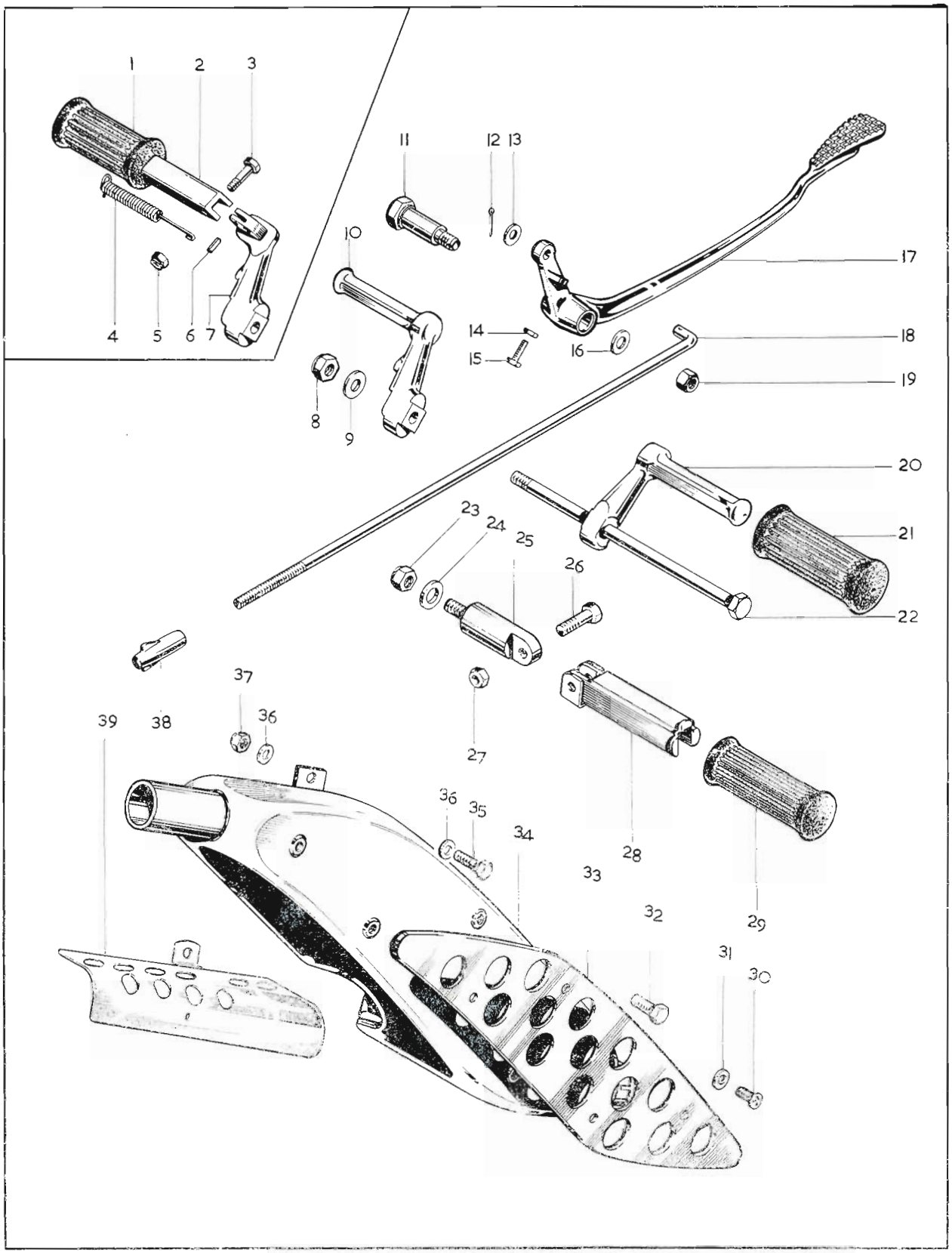

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Plate 11 REAR BRAKE CONTROL — FOOTREST — SILENCER

Model	Plate Ref.	Spares Number	Description	Per Set
T MC	1	42-4925	Rubber — folding footrest	2
T MC	2	83-3092	Folding footrest	2
T MC	3	14-0216	Pivot bolt — folding foorest (5/16" UN.F. × 1 1/8")	2
T MC	4	83-3095	Return spring — folding footrest	2
T MC	5	14-1302	Locknut — folding footrest pivot (5/16" UN.F.)	2
T MC	6	83-3094	Anchor peg — return spring	2
T MC	7	83-2218	Bracket — folding footrest, left	1
T MC	7	83-2220	Bracket — folding footrest, right	1
T SS H MC	8	14-1303	Locknut — footrest bolt (3/8" UN.F.)	1
T SS H MC	9	02-2138	Washer — footrest bolt (3/8" 3/4" × 1/16")	1
SS H	10	83-3015	Footrest — left	1
T SS MC	11	21-2045	Pivot — rear brake pedal	1
T SS MC	12	60-2683	Split pin — brake rod (1/16" × 3/8")	1
T SS MC	13	60-2393	Washer — brake rod (1/4" · 1/2" · 3/64")	1
T SS MC	14	14-1301	Locknut — brake pedal adjuster (1/4" UN.F.)	1
T SS MC	15	14-0103	Screw — brake pedal adjuster (1/4" UN.F. 3/4")	1
T SS MC	16	02-2138	Washer — brake pedal pivot (3/8" · 3/4" · 1/16")	1
T SS MC	17	83-2040	Brake pedal	1
T SS MC	18	83-2616	Brake rod	1
T SS MC	19	14-1303	Locknut — brake pedal pivot (3/8" UN.F.)	1
SS H	20	83-3017	Footrest — right	1
SS H	21	40-4850	Footrest rubber	2
T SS H MC	22	21-2094	Footrest bolt	1
T SS H	23	14-1303	Locknut — pillion footrest anchor bolt (3/8" UN.F.)	2
T SS H	24	40-0157	Washer — pillion footrest anchor bolt	2
T SS H	25	83-2617	Anchor bolt — pillion footrest	2
T SS H	26	14-0216	Bolt — pillion footrest pivot (5/16" UN.F. × 1 1/8")	2
T SS H	27	14-1302	Locknut — pillion footrest pivot (5/16" UN.F.)	2
T SS H	28	68-4835	Pillion footrest	2
T SS H	29	29-7583	Rubber — pillion footrest	2
T SS H	30	14-2203	Screw — heat shield fixing (1/4" UN.F. × 3/8")	5
T SS H	31	68-0331	Washer — heat shield fixing	5
T SS H	32	14-0113	Bolt — silencer fixing, lower (5/16" UN.F. × 5/8")	1
T SS H	33	71-2114	Heat shield	1
H	34	71-2412	Silencer assembly	1
T SS	34	71-2401	Silencer	1
MC		82-9239†	Megaphone complete	1
MC		71-2171†	Bracket — megaphone fixing	1
MC		21-1822†	Bolt — bracket to megaphone (5/16" UN.F. × 1/2")	1
MC		24-8784†	Spring washer — bracket to megaphone	1
MC		14-0233†	Bolt — bracket to frame (1 1/2" UN.F. × 3/8")	1
MC		02-0522†	Spring washer — bracket to frame	1
MC		14-1303†	Nut — bracket to frame (3/8" UN.F.)	1
T SS H	35	14-0114	Bolt — silencer fixing, top (5/16" UN.F. × 3/4")	1
T SS H	36	15-5155	Washer — silencer fixing (21/64" × 33/64" × 3/64")	4
T SS H	37	14-1302	Locknut — silencer fixing (5/16" UN.F.)	2
T SS H MC	38	82-7387	Adjuster nut — brake rod	1
T SS H	39	71-2402	Heat shield — tail pipe	1

†Not illustrated.

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Plate 12

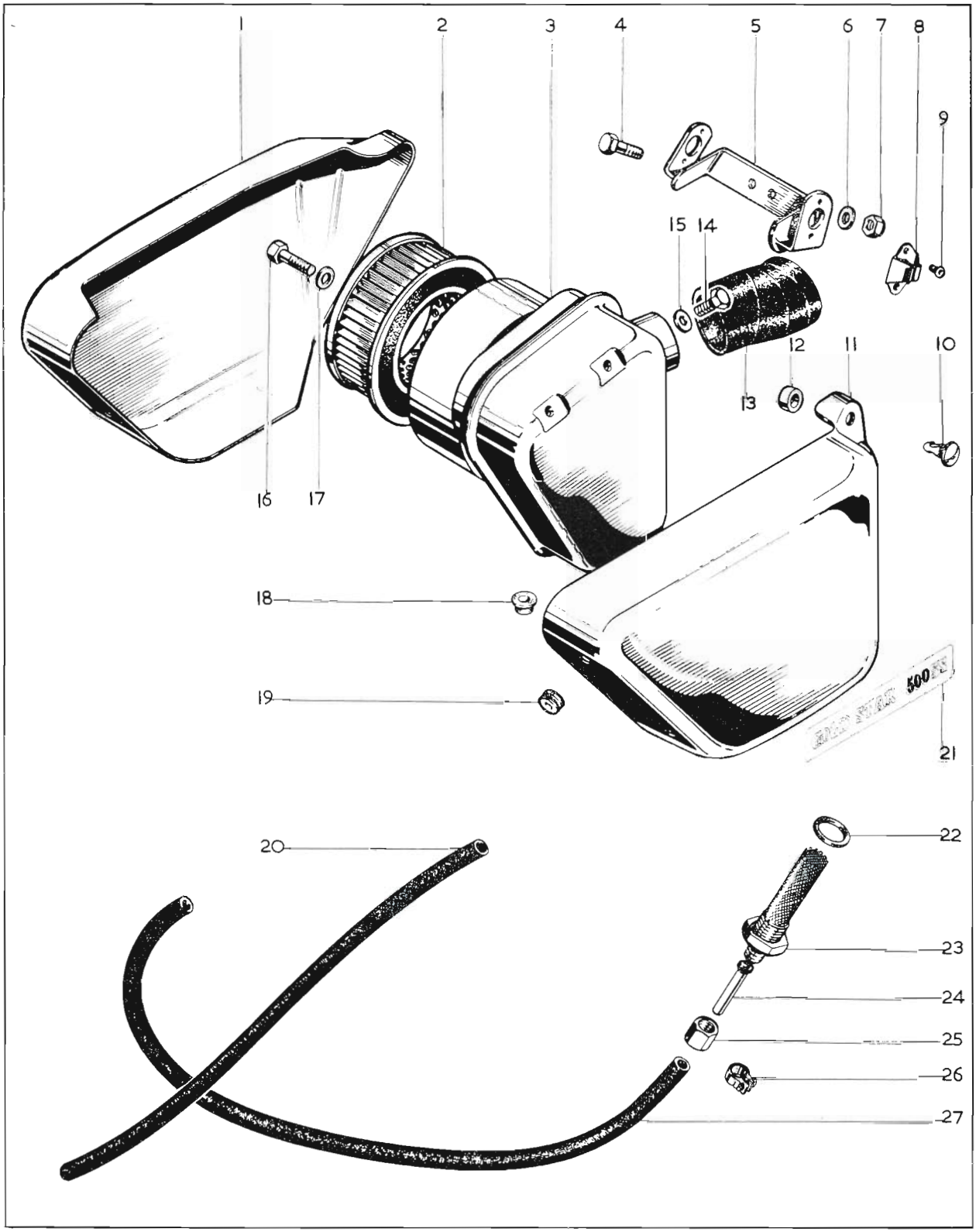

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Plate 12

AIR CLEANER — SIDECOVERS — OIL PIPES

Model	Plate Ref.	Spares Number	Description	Per Set
T SS H	1	83-2937	Sidecover — left	1
T SS H MC	2	60-2601	Element — air cleaner	1
T SS H	3	83-2042	Air filter box complete	1
MC	3	83-3299†	Air filter assembly	1
MC		83-3305†	Air filter fixing plate	1
MC		14-0102†	Bolt — air filter, top fixing	2
MC		60-2427†	Spring washer — top fixing bolt	2
MC		14-0102†	Bolt — bottom fixing	1
MC		14-1301†	Nut — bottom fixing bolt	1
MC		76-0101†	Washer — bottom fixing bolt	1
MC		60-3354†	Hose — air filter to carburetter	1
T SS H	4	14-0102	Bolt — front fixing bracket ($\frac{1}{4}$" UN.F. × $\frac{5}{8}$")	2
T SS H	5	83-3035	Bracket — front fixing	1
T SS H	6	27-8560	Washer — front fixing bracket	2
T SS H	7	14-1301	Nut — front fixing bracket ($\frac{1}{4}$" UN.F.)	2
T SS H	8	68-9115	Oddie clip — sidecover fixing	2
T SS H	9	83-2785	Rivet — Oddie clip fixing	4
T SS H	10	60-3159	Oddie fastener	2
T SS H	11	83-2938	Sidecover — right	1
T SS H	12	60-3160	Rubber washer — Oddie fastener	2
T SS H	13	83-2507	Rubber sleeve — air cleaner to carburetter	1
T SS H	14	14-0103	Bolt — filter box to frame ($\frac{1}{4}$" UN.F. × $\frac{3}{4}$")	2
T SS H	15	40-2705	Washer — filter box to frame	4
T SS H	16	14-0101	Bolt — element to box ($\frac{1}{4}$" UN.F. × $\frac{1}{2}$")	1
T SS H	17	40-2705	Washer — element to box	1
T SS H	18	83-2006	Rubber — air cleaner mounting	4
T SS H	19	60-3161	Grommet — sidecover mounting	6
T SS H	20	83-3077	Breather pipe — oil reservoir	1
T	21	60-3258	Transfer — sidecover	2
H	21	60-3260	Transfer — sidecover	2
SS	21	60-3262	Transfer — sidecover	2
T SS H MC	22	40-8331	Fibre washer — frame oil filter	1
T SS H MC	23	82-9430	Oil filter — frame	1
T SS H MC	24	40-8322	Oil feed pipe	1
T SS H MC	25	40-8323	Nut — oil pipe union	1
T SS H MC	26	68-8343	Clamp — oil pipe	4
T SS H MC	27	83-3078	Oil feed pipe — frame to engine	1
T SS H MC		83-3076*	Oil return pipe — engine to frame	1

†Not illustrated.

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Plate 13

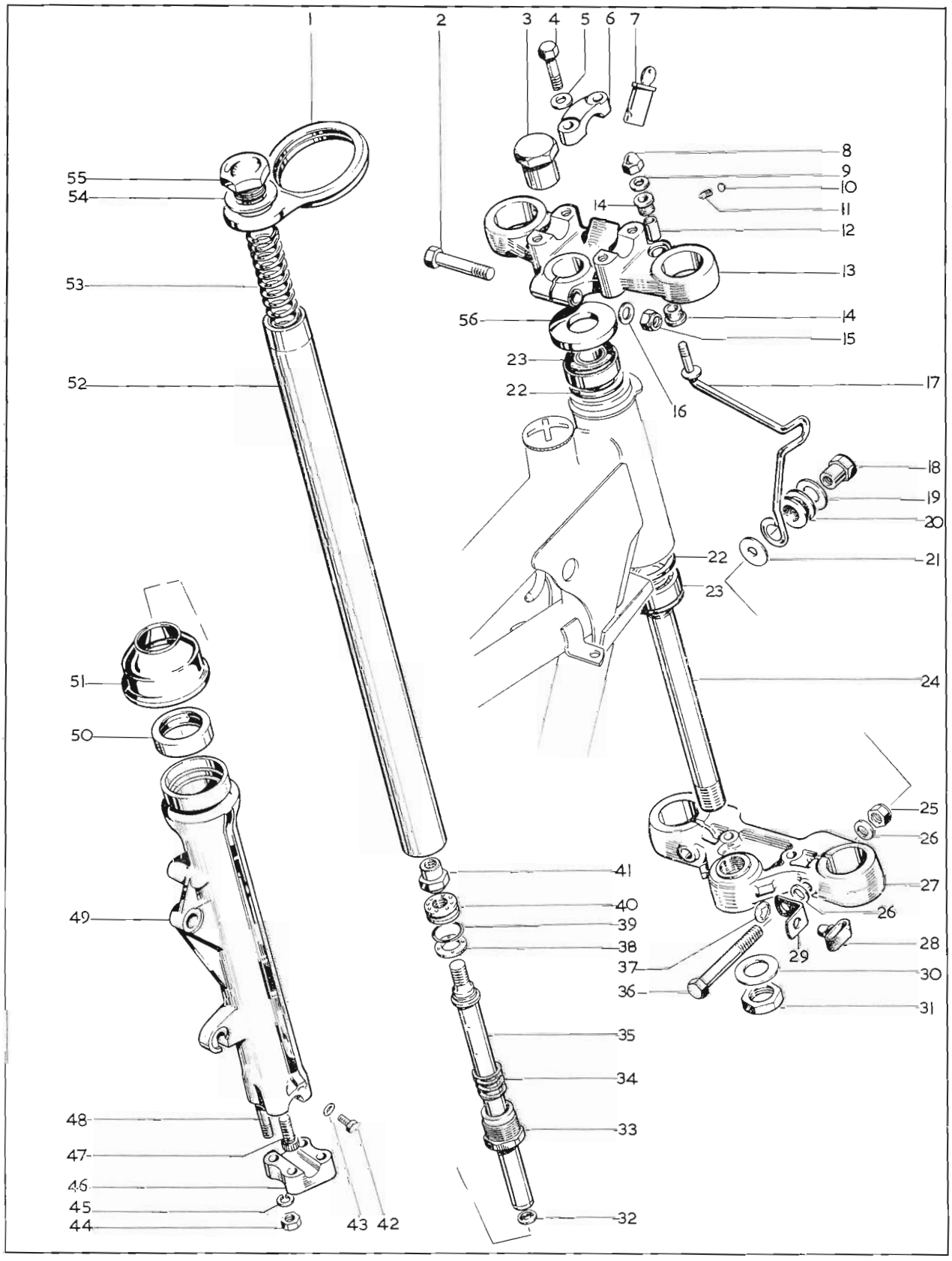

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Plate 13

FRONT FORKS

Model	Plate Ref.	Spares Number	Description	Per Set
T SS H	1	97-4026	Speedometer mounting bracket	1
T SS H MC	2	14-0236	Pinch bolt — top yoke ($\frac{3}{8}$" UN.F. × $2\frac{1}{4}$")	1
T SS H MC	3	97-4029	Nut — steering stem	1
T SS H MC	4	14-6219	Bolt — handlebar cap ($\frac{5}{16}$" UN.C. × $1\frac{1}{2}$")	4
T SS H MC	5	42-0157	Washer — handlebar cap	4
T SS H MC	6	97-0722	Handlebar cap	2
T SS H	7	68-5050	Steering lock and key	1
T SS H	8	21-1809	Nut — headlamp mounting, top (domed $\frac{1}{4}$" UN.F.)	2
T SS H	9	60-2338	Washer — headlamp mounting, top (17/64" × $\frac{5}{8}$" × 3/64")	2
T SS H	10	97-2266	Sealing washer — steering lock grub-screw	1
T SS H	11	21-0578	Grub-screw — steering lock	1
T SS H	12	83-2211	Spacer — headlamp mounting bush	2
T SS H	13	97-4115	Top yoke complete	1
MC	13	97-3985	Top yoke complete	1
T SS H	14	83-2209	Bush — headlamp mounting	4
T SS H MC	15	14-1303	Locknut — pinch bolt ($\frac{3}{8}$" UN.F.)	1
T SS H MC	16	02-2138	Washer — pinch bolt (25/64" × $\frac{3}{4}$" × $\frac{1}{16}$")	1
T SS H	17	97-4048	Bracket — headlamp mounting, left	1
T SS H	17	97-4050	Bracket — headlamp mounting, right	1
T SS H	18	21-2062	Sleeve nut — headlamp mounting bracket	2
T SS H	19	60-2333	Washer — sleeve nut, headlamp mounting bracket (33/64" × 1" × $\frac{1}{16}$")	2
T SS H	20	60-2630	Grommet — sleeve nut, headlamp mounting bracket	2
T SS H	21	76-8010	Washer — sleeve nut, headlamp mounting bracket ($\frac{3}{8}$" × 1" × $\frac{1}{16}$")	2
T SS H MC	22	83-2007	Bearing abutment ring	2
T SS H MC	23	97-4031	Taper roller bearing	2
T SS H MC	24	97-4116	Steering stem	1
T SS H MC	25	14-1203	Locknut — bottom yoke pinch bolt ($\frac{3}{8}$" UN.F.)	2
T SS H MC	26	02-2138	Washer — bottom yoke pinch bolt (25/64" × $\frac{3}{4}$" × $\frac{1}{16}$")	4
T SS H MC	27	97-3987	Bottom yoke	1
T SS H MC	28	97-2270	Retainer — brake cable	2
T SS H MC	29	97-3682	Bracket — brake cable retainer	1
SS H	30	60-2336	Washer — steering stem (25/32" × $1\frac{1}{2}$" × 5/64")	1
T SS H MC	31	14-7308	Locknut — steering stem ($\frac{3}{4}$" UN.C.)	1

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Plate 13—*continued*

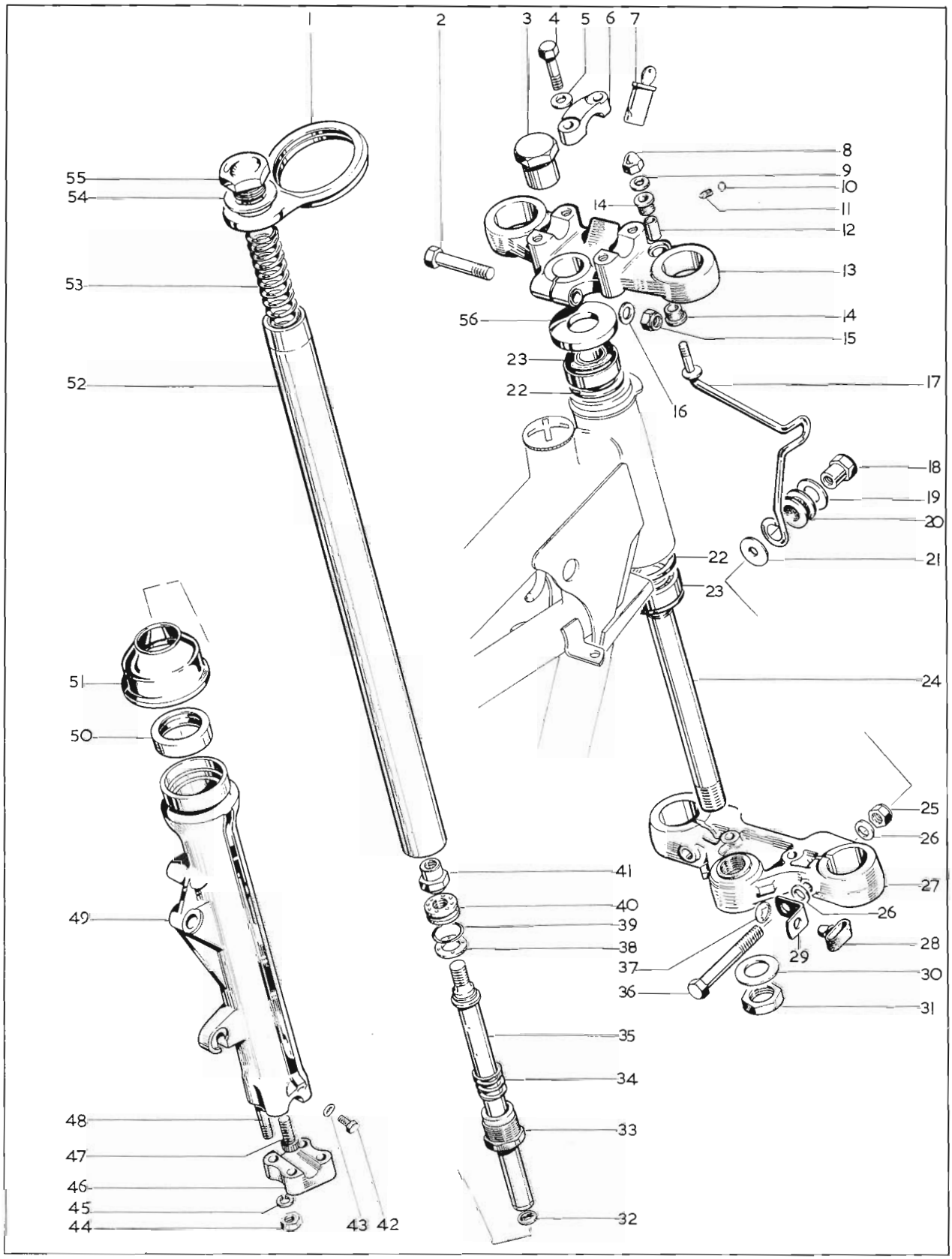

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Plate 13—*continued*

FRONT FORKS

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H MC	**32**	97–4004	Washer — damper tube	2
T SS H MC	**33**	97–4076	Stanchion end plug complete	2
T SS H MC	**34**	97–4009	Recoil spring	2
T SS H MC	**35**	97–3996	Damper tube complete	2
T SS H	**36**	14–0239	Bolt — bottom yoke pinch bolt	2
MC	**36**	14–0238	Bolt — bottom yoke pinch bolt	2
T SS H	**37**	82–8245	Lockwasher — brake cable retainer	2
T SS H MC	**38**	97–4010	Washer — damper	2
T SS H MC	**39**	97–4003	"O" ring — damper valve	2
T SS H MC	**40**	97–4020	Valve — damper	2
T SS H MC	**41**	97–4012	Nut — damper valve	2
T SS H MC	**42**	97–3894	Drain plug — outer member	2
T SS H MC	**43**	97–3893	Washer — drain plug	2
T SS H MC	**44**	14–1902	Locknut — fork end cap ($\frac{5}{16}$" UN.F.)	8
T SS H MC	**45**	60–2321	Washer — fork end cap (21/64" × $\frac{5}{8}$" × 32/32")	8
T SS H MC	**46**	97–3947	Fork end cap	2
T SS H MC	**47**	14–1019	Bolt — damper tube	2
T SS H MC	**48**	21–2047	Stud — fork end cap	8
T SS H MC	**49**	97–4032	Outer member complete — right	1
T SS H MC	**49**	97–4033	Outer member complete — left	1
T SS H MC	**50**	97–4001	Oil seal — outer member	2
T SS H MC	**51**	97–4002	Scraper sleeve — outer member	2
T SS H MC	**52**	97–4007	Fork stanchion	2
T SS H MC	**53**	97–4011	Fork spring	2
T SS H MC	**54**	97–4166	Washer — top cap nut	2
T SS H MC	**55**	97–4008	Top cap nut	2
T SS H MC	**56**	97–4028	Dust cover — steering head	1

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Plate 14

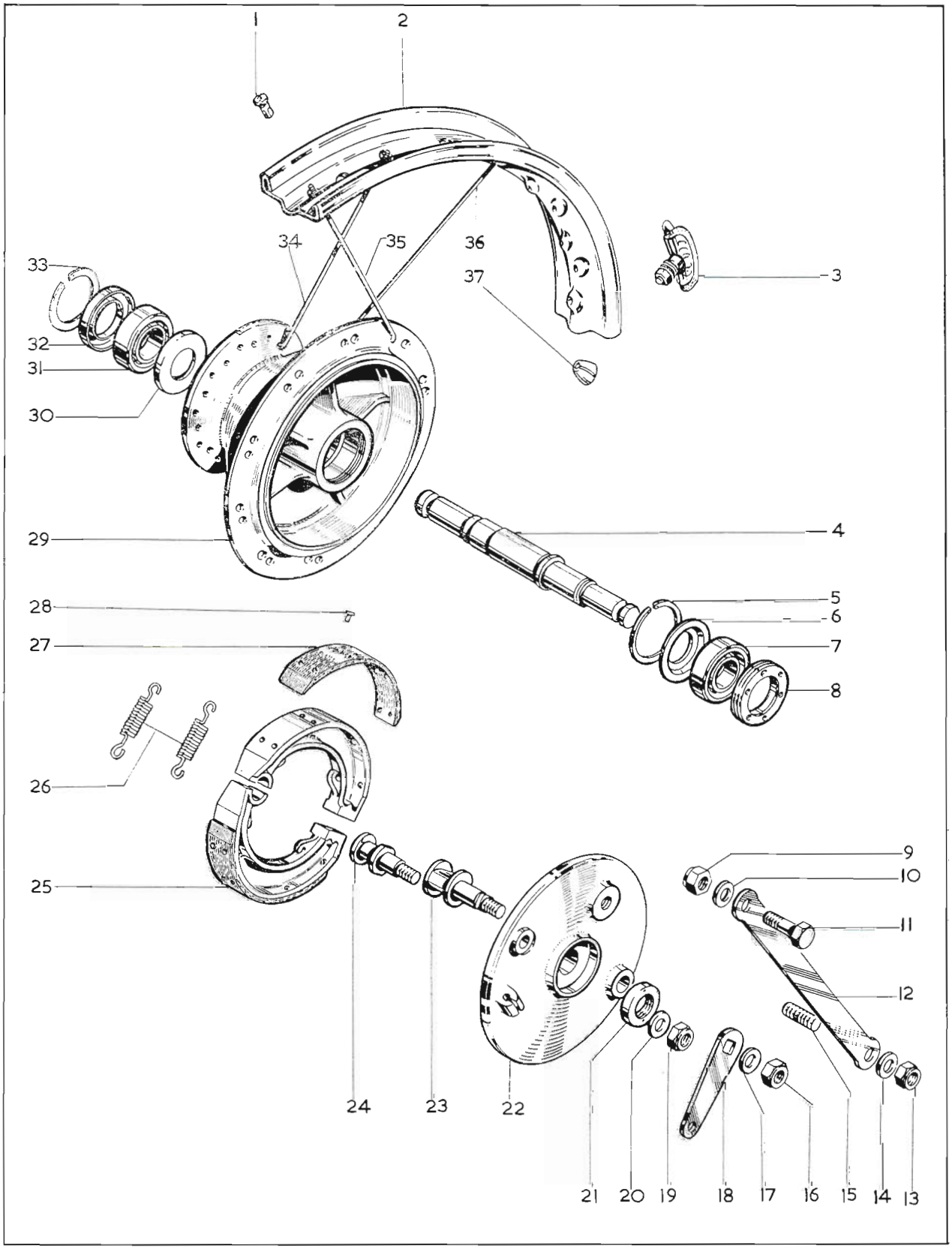

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Plate 14

FRONT WHEEL (6″ Brake)

Model		Plate Ref.	Spares Number	Description	Per Set
T	MC	1	27-6810	Spoke nipple	40
T	MC	2	37-3795	Wheel rim (WM1 × 20)	1
T	MC	3	37-3584	Security bolt	1
T	MC	4	37-3796	Wheel spindle	1
T	MC	5	60-2632	Circlip — grease retainer, right	1
T	MC	6	37-3797	Grease retainer — right	1
T	MC	7	37-0653	Bearing (Hoffmann 120)	1
T	MC	8	37-3759	Lock ring	1
T	MC	9	14-1304	Locknut — anchor strap to leg ($\frac{7}{16}$″ UN.F.)	1
T	MC	10	60-2332	Washer — locknut, anchor strap to leg (29/64″ × $\frac{7}{8}$″ × 3/64″)	1
T	MC	11	14-0134	Bolt — anchor strap to leg ($\frac{7}{16}$″ UN.F. × $1\frac{1}{2}$″)	1
T	MC	12	83-2660	Anchor strap	1
T	MC	13	14-1304	Locknut — anchor strap to brake plate ($\frac{7}{16}$″ UN.F.)	1
T	MC	14	60-2332	Washer — locknut, anchor strap to brake plate (25/64″ × $\frac{3}{4}$″ × 3/64″)	1
T	MC	15	21-2063	Stud — anchor strap to brake plate	1
T	MC	16	14-1303	Locknut — brake lever ($\frac{3}{8}$″ UN.F.)	1
T	MC	17	60-2331	Washer — locknut, brake lever (25/64″ × $\frac{3}{4}$″ × 3/64″)	1
T	MC	18	37-3694	Brake lever	1
T	MC	19	14-1303	Locknut — fulcrum pin ($\frac{3}{8}$″ UN.F.)	1
T	MC	20	60-2331	Washer — locknut, fulcrum pin (25/64″ × $\frac{3}{4}$″ × 3/64″)	1
T	MC	21	37-3758	Locknut — wheel spindle (25/64″ × $\frac{3}{4}$″ × 3/64″)	1
T	MC	22	37-3704	Brake anchor plate	1
T	MC	23	37-3799	Brake cam complete	1
T	MC	24	37-3798	Fulcrum pin	1
T	MC	25	37-3804	Brake shoe complete	2
T	MC	26	65-5904	Brake shoe spring	2
T	MC	27	19-7707	Brake shoe lining	2
T	MC	28	29-5853	Rivet — brake shoe lining	16
T	MC	29	37-3793	Hub complete with spindle and bearings	1
T	MC	30	37-1481	Grease retainer — left, inner	1
T	MC	31	37-0653	Bearing (Hoffmann 120)	1
T	MC	32	37-1237	Grease retainer — left, outer	1
T	MC	33	57-0280	Circlip — grease retainer, left	1
T	MC	34	37-3697	Spoke — left	20
T	MC	35	37-3696	Spoke — outer, right	10
T	MC	36	37-3695	Spoke — inner, right	10
T	MC	37	42-5873	Balance weight — $\frac{3}{4}$″	*as reqd.*
T	MC	37	42-5875	Balance weight — 1″	*as reqd.*
T	MC		42-5836†	Pivot pin — front brake cable to lever	1
T	MC		60-2683†	Split pin — brake cable pivot pin	1
T	MC		60-3152†	Gaiter — front brake cable	1

†Not illustrated.

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Plate 15

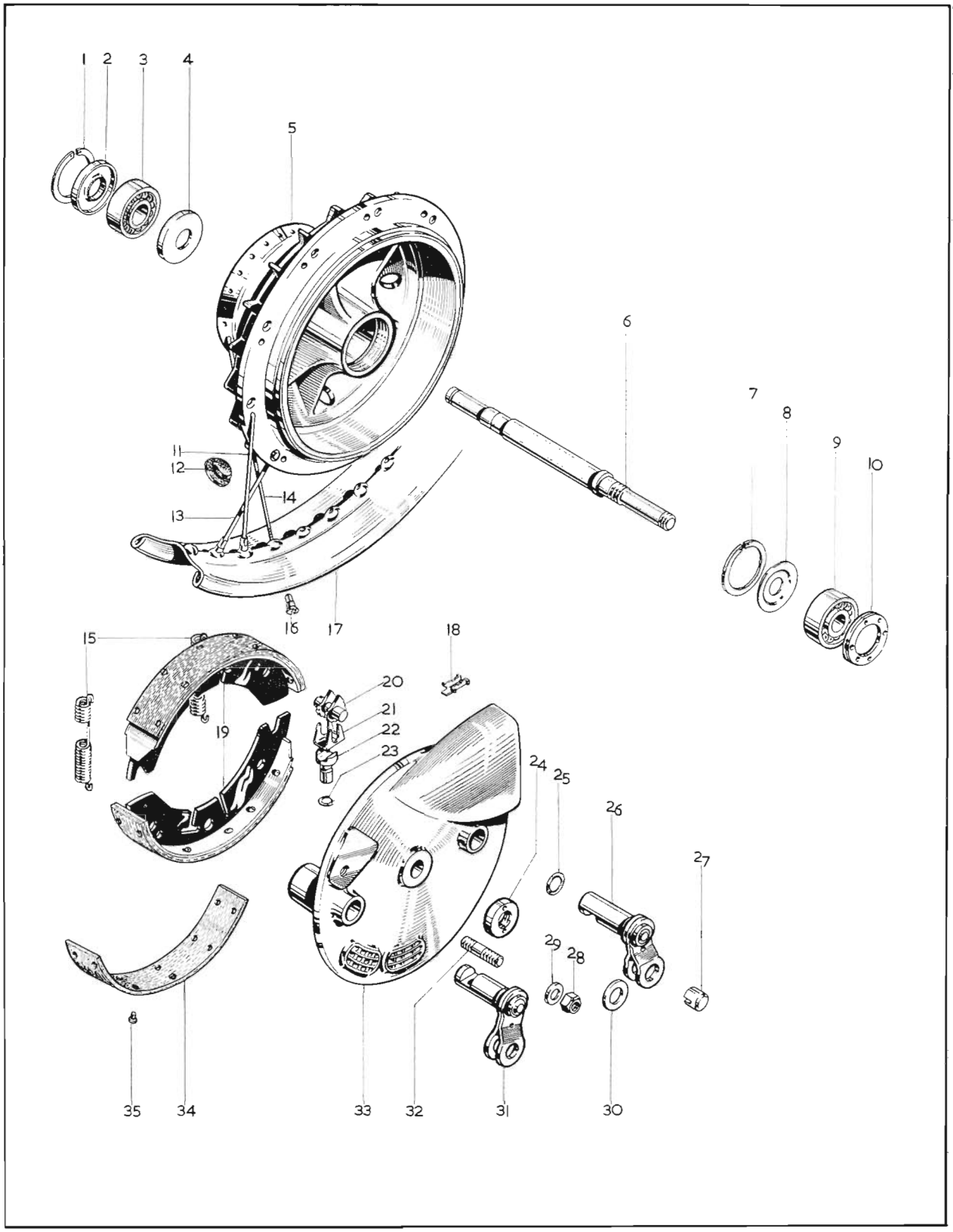

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Plate 15

FRONT WHEEL (8″ Brake)

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
SS H	**1**	57–0280	Circlip — grease retainer, left	1
SS H	**2**	37–1237	Grease retainer — left, outer	1
SS H	**3**	37–0653	Bearing — left (Hoffmann 120)	1
SS H	**4**	37–1481	Grease retainer — left, inner	1
SS H	**5**	37–3848	Hub with spindle and bearings	1
SS H	**6**	37–3796	Wheel spindle	1
SS H	**7**	60–2632	Circlip — grease retainer, right	1
SS H	**8**	37–3797	Grease retainer — right	1
SS H	**9**	37–0653	Bearing — right (Hoffmann 120)	1
SS H	**10**	37–3759	Lock ring — bearing	1
SS H	**11**	37–3817	Spoke — right, outer	10
SS H	**12**	60–2594	Grommet — brake drum	1
SS H	**13**	37–3816	Spoke — right, inner	10
SS H	**14**	37–3726	Spoke — left	20
SS H	**15**	19–7745	Spring — brake shoe	2
SS H	**16**	27–6810	Spoke nipple	40
SS H	**17**	37–3785	Wheel rim (WM2 × 18)	1
SS H	**18**	19–7743	Abutment — Micram adjuster (Lockheed 25241)	2
SS H	**19**	19–7744	Brake shoe complete (Lockheed 4523–166)	2
SS H	**20**	19–7742	Micram adjuster (Lockheed 3135–514)	2
SS H	**21**	19–7741	Cage — brake adjuster (Lockheed 25253)	2
SS H	**22**	37–3762	Tappet — brake cam	2
SS H	**23**	37–3761	"O" ring — brake tappet	2
SS H	**24**	37–3758	Locknut — wheel spindle	1
SS H	**25**	60–2639	"O" ring — brake cam	2
SS H	**26**	37–3913	Brake lever complete — front	1
SS H	**27**	37–3868	Bush — cable to levers	2
SS H	**28**	14–1803	Locknut — anchor plate to fork (⅜″ UN.F.)	1
SS H	**29**	37–2338	Washer — anchor plate to fork	1
SS H	**30**	67–0645	Washer — cable to lever bush	2
SS H	**31**	37–3914	Brake lever complete — rear	1
SS H	**32**	14–1636	Stud — anchor plate to fork (⅜″ UN.C./UN.F. × 1¾″)	1
SS H	**33**	37–3655	Brake anchor plate	1
SS H	**34**	19–7466	Lining — brake shoe	2
SS H	**35**	19–7467	Rivet — brake shoe	10
SS H		37–3932†	Distance piece — front wheel spindle, inner side right bearing	1

†Not illustrated.

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Plate 16

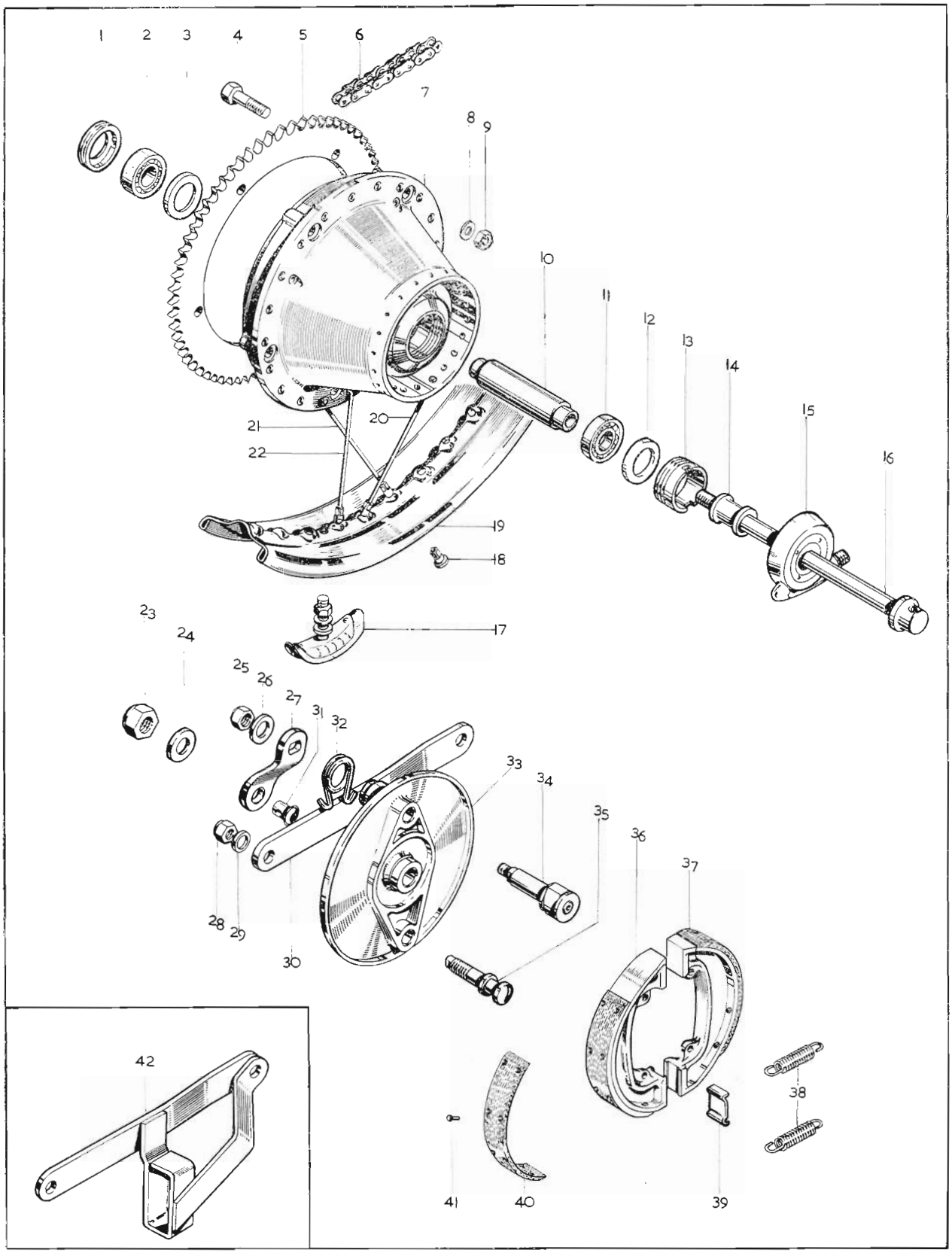

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Plate 16 REAR WHEEL — CHAIN GUIDE

Model	Plate Ref.	Spares Number	Description	Per Set
T SS H MC	1	37-3752	Lock ring — left	1
T SS H	2	37-0653	Bearing — left (Hoffmann 120)	1
MC	2	37-1340	Bearing — left (Hoffmann 120RS)	1
T SS H MC	3	37-3749	Support ring — left	1
T SS H MC	4	14-0207	Bolt — sprocket to hub ($\frac{1}{4}$" UN.F. × 2")	5
T SS H MC	5	37-3741	Sprocket — 52 teeth, rear wheel	1
T MC	6	19-8701	Chain — rear ($\frac{3}{8}$" × $\frac{1}{4}$" × 107 pitches)	1
SS H	6	19-8702	Chain — rear ($\frac{3}{8}$" × $\frac{1}{4}$" × 108 pitches)	1
T SS H	7	37-3907	Hub — rear, with spindle and bearings	1
MC	7	37-3908	Hub — rear, with spindle and bearings	1
T SS H MC	8	60-2320	Washer — sprocket bolt ($\frac{9}{32}$" × $\frac{9}{16}$" × $\frac{1}{16}$")	5
T SS H MC	9	14-1301	Nut — sprocket to hub ($\frac{1}{4}$" UN.F.)	5
T SS H MC	10	37-3753	Spacer — bearing	1
T SS H	11	37-0653	Bearing — right (Hoffmann 120)	1
MC	11	37-1340	Bearing — right (Hoffmann 120RS)	1
T SS H	12	37-1654	Grease retainer — right	1
MC	12	37-3909	Grease retainer assembly — right	1
T SS H MC	13	37-3751	Ring — speedometer drive	1
T SS H MC	14	37-3750	Distance piece — speedometer drive	1
T	15	19-9224	Speedometer drive — gearbox 21/10 (BG.5330/104)	1
SS H	15	19-9223	Speedometer drive — gearbox 2/1 (BG.5330/24)	1
T SS H MC	16	37-3774	Spindle — rear wheel	1
T H MC	17	37-3468	Security bolt	2
T SS H MC	18	27-6810	Spoke nipple	40
T MC	19	37-3784	Rim (WM3 × 18)	1
SS H	19	37-3785	Rim (WM2 × 18)	1
T SS H MC	20	37-3726	Spoke — right	20
T SS H MC	21	37-3725	Spoke — left, outer	10
T SS H MC	22	37-3724	Spoke — left, inner	10
T SS H MC	23	14-1307	Locknut — rear wheel spindle ($\frac{5}{8}$" UN.F.)	1
T SS H MC	24	83-2266	Washer — rear wheel spindle	1
T SS H MC	25	14-1303	Locknut — brake lever ($\frac{3}{8}$" UN.F.)	1
T SS H MC	26	60-2331	Washer — brake lever	1
T SS H MC	27	37-3877	Brake lever	1
T SS H MC	28	14-1305	Locknut — torque arm to brake pivot ($\frac{1}{2}$" UN.F.)	1
T SS H MC	29	60-2333	Washer — torque arm to brake pivot (33/64" × 1" × $\frac{1}{32}$")	1
SS H	30	83-2023	Torque arm	1
T SS H MC	31	37-1467	Brake rod pivot pin	1
T SS H MC	32	37-3880	Return spring — brake lever	1
T SS H MC	33	37-3857	Brake anchor plate	1
T SS H MC	34	37-3872	Brake cam	1
T SS H MC	35	37-3870	Brake pivot	1
T SS H MC	36	37-3925	Brake shoe complete — leading	1
T SS H MC	37	37-3926	Brake shoe complete — trailing	1
T SS H MC	38	65-5904	Spring — brake shoe	2
T SS H MC	39	41-6078	Brake pivot pad	2
T SS H MC	40	19-7740	Brake shoe lining	2
T SS H MC	41	42-5840	Rivet — brake shoe	16
T MC	42	83-2022	Torque arm — chain guide	1

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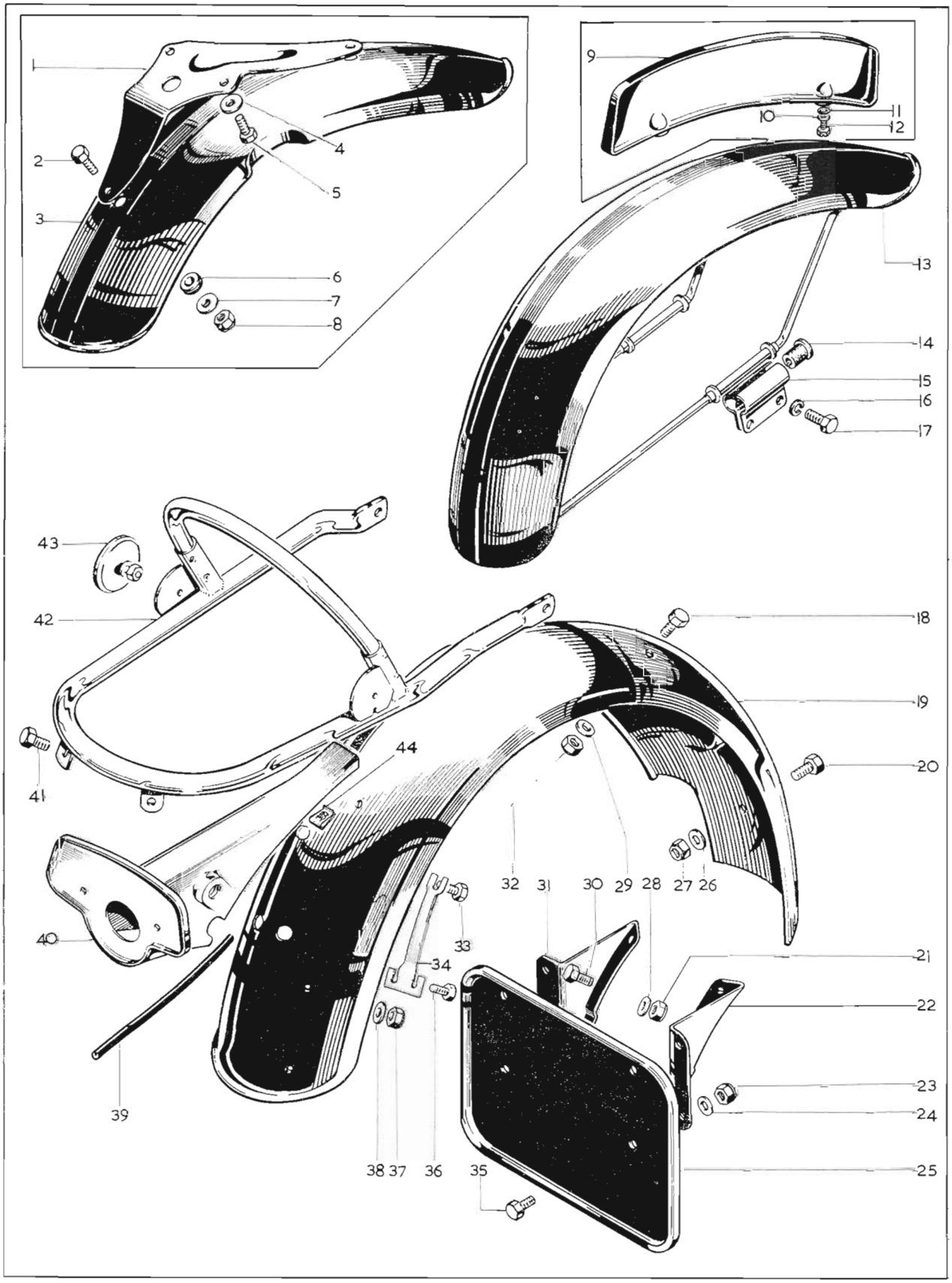
Plate 17



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Model	Plate Ref.	Spares Number	Description	Per Set
T MC	1	97-4075	Bracket — front mudguard	1
T MC	2	14-0114	Bolt — mudguard to bracket ($\frac{5}{16}$" UN.F. × $\frac{3}{4}$")	2
T	3	97-4154	Front mudguard complete	1
MC	3	97-4072	Front mudguard complete	1
T MC	4	60-2348	Washer — bracket to bottom yoke (21/64" × $\frac{3}{4}$" × 3/64")	2
T MC	5	14-6114	Bolt — bracket to bottom yoke ($\frac{5}{16}$" UN.C. × $\frac{3}{4}$")	2
T MC	6	60-3242	Grommet — mudguard fixing	2
T MC	7	60-2348	Washer — bracket to mudguard (21/64" × $\frac{3}{4}$" × 3/64")	2
T MC	8	14-1302	Locknut — bracket to mudguard ($\frac{5}{16}$" UN.F.)	2
H	9	83-2834	Front number plate	1
H	10	90-6219	Washer — front number plate fixing	2
H	11	60-3398	Neoprene "O" ring — front number plate fixing	2
H	12	40-3044	Screw — front number plate fixing	2
H	13	97-4127	Front mudguard complete	1
SS	13	97-4052	Front mudguard complete	1
SS H	14	97-4021	Rubber bush — mudguard stay	4
SS H	15	97-4022	Bracket — mudguard stay to fork	4
SS H	16	60-2427	Lockwasher — mudguard stay	4
SS H	17	14-0103	Bolt — mudguard stay ($\frac{1}{4}$" UN.F. × $\frac{3}{4}$")	4
T SS H	18	14-0101	Bolt — mudguard to frame ($\frac{1}{4}$" UN.F. × $\frac{1}{2}$")	4
T SS H	19	83-2263	Rear mudguard	1
MC	19	83-2934‡	Rear mudguard	1
T SS H MC	20	14-0101	Bolt — mudguard fixing ($\frac{1}{4}$" UN.F. × $\frac{1}{2}$")	1
T SS H	21	14-1301	Locknut — bracket to mudguard, lower ($\frac{1}{4}$" UN.F.)	2
T SS H	22	83-2728	Bracket — number plate mounting	1
T SS H	23	14-1301	Locknut — number plate mounting ($\frac{1}{4}$" UN.F.)	4
T SS H	24	60-2329	Washer — number plate mounting (17/64" × $\frac{5}{16}$" × $\frac{1}{32}$")	4
T SS H	25	83-2726	Rear number plate	1
T SS H MC	26	27-8560	Washer — mudguard fixing (17/64" × $\frac{3}{8}$" × 3/64")	1
T SS H MC	27	14-1301	Locknut — mudguard fixing ($\frac{1}{4}$" UN.F.)	1
T SS H	28	60-2329	Washer — bracket to mudguard, lower (17/64" × $\frac{5}{16}$" × $\frac{1}{32}$")	2
T SS H	29	27-8560	Washer — mudguard to frame (17/64" × $\frac{3}{8}$" × 3/64")	4
T SS H	30	14-0101	Bolt — bracket to mudguard, lower ($\frac{1}{4}$" UN.F. × $\frac{1}{2}$")	2
T SS H	31	83-2727	Bracket — number plate mounting	1
T SS H	32	14-1301	Locknut — mudguard to frame ($\frac{1}{4}$" UN.F.)	4
T SS H	33	14-6101	Bolt — lamp mounting bracket, front fixing ($\frac{1}{4}$" UN.C. × $\frac{1}{2}$")	1
T SS H	34	83-3254	Triple "cee" washer — lamp bracket to mudguard	1
T SS H	35	14-0101	Bolt — number plate fixing ($\frac{1}{4}$" UN.F. × $\frac{1}{2}$")	4
T SS H	36	14-0101	Bolt — lamp mounting bracket, rear fixing ($\frac{1}{4}$" UN.F. × $\frac{1}{2}$")	2
T SS H	37	14-1301	Locknut — support rail and number plate bracket ($\frac{1}{4}$" UN.F.)	2
T SS H	38	27-8560	Washer — support rail and number plate bracket (17/64" × $\frac{3}{8}$" × 3/64")	2
T SS H	39	83-3212	Rubber beading — lamp mounting bracket	2
T SS H	40	83-2693	Bracket — rear lamp mounting	1
T SS H	41	14-0102	Bolt — support rail and number plate bracket ($\frac{1}{4}$" UN.F. × $\frac{5}{8}$")	2
T SS H	42	83-3174	Support rail — rear mudguard	1
T SS H	43	19-1339	Reflector — rear, side	2
T SS H	44	60-3313	Spire nut — rear lamp mounting bracket	1

For colour finish code refer to page 5. ‡For Moto-Cross rear mudguard fixing refer to page 61.

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Plate 18

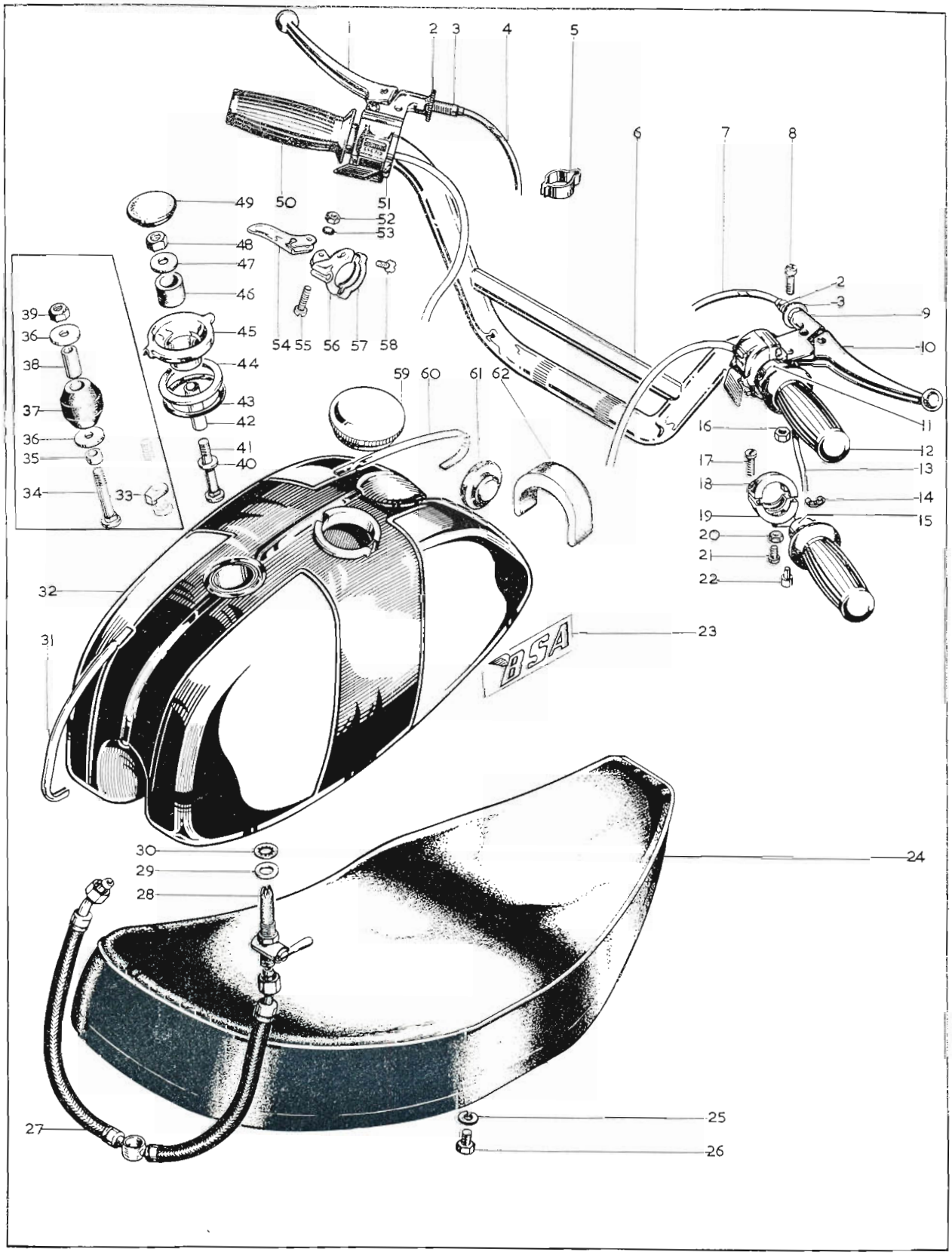

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Plate 18 PETROL TANK — TWINSEAT — CONTROLS

Model	Plate Ref.	Spares Number B.S.A.	Spares Number MAKERS	Description	Per Set
T	1	60–2627		Lever — clutch control	1
SS H	1	60–3144		Lever — clutch control	1
MC	1	60–3207		Lever — clutch control complete	1
T SS H	2	60–2072		Adjuster nut — control cables	2
T SS H	3	60–2071		Adjuster — control cables	2
T SS H MC	4	60–2083		Clutch cable	1
T SS H	5	97–4112		Cable clip	4
T MC	6	97–4062		Handlebar	1
SS H	6	97–4173		Handlebar	1
SS H	7	60–3075		Cable — front brake	1
T MC	7	60–3390		Cable — front brake	1
T SS H	8	21–2048		Pivot pin — control levers	2
T SS H	9	19–1332‡	35956	Switch assembly — right	1
T	10	60–2628		Lever — front brake	1
SS H	10	60–3143		Lever — front brake	1
MC	10	60–3208		Front brake control lever complete	1
T SS H	11	19–7223		Throttle control	1
MC	11	19–9502		Throttle control — quick action	1
T SS H	12	19–7222		Rubber grip — right handlebar	1
MC	12	19–9526		Rubber grip — right handlebar	1
T SS H	13	40–8657		Cable — throttle control	1
MC	13	60–3499		Cable — throttle control	1
T SS H	14		16/008	Friction spring	1
T SS H	15		16/091	Rotor — throttle control	1
T SS H	16	14–1301		Nut — pivot pin	2
T SS H	17		11/013	Clamp screw	2
T SS H	18		16/328	Body — top half	1
T SS H	19		16/329	Body — bottom half	1
T SS H	20		16/010	Nut — friction screw	1
T SS H	21		16/009	Screw — friction spring	1
T SS H	22		16/011	Cable stop — throttle control	1
T SS H MC	23	60–3158		Transfer — petrol tank	2
MC	23	60–3256		Transfer — petrol tank	2
T SS	24	83–2621		Twinseat	1
H	24	83–3198		Twinseat	1
MC	24	83–2746		Short seat complete	1
T SS H	25	60–2428		Spring washer — seat bolt (39/64″ × 11/32″ × 3/8″)	2
T SS H	26	14–0113		Bolt — seat fixing (1/4″ UNF. × 3/8″)	2
MC		83–2742†		Front bracket — seat fixing	1
MC		14–0113†		Bolt — front bracket to seat	2
MC		14–0216†		Bolt — rear fixing	2
MC		83–2745†		Distance piece — rear fixing	2
MC		60–2428†		Spring washer (39/64″ × 11/32″ × 1/16″)	4
T SS H	27	83–3040		Petrol pipe	1
MC	27	83–3208		Petrol pipe	1
T SS H MC	28	83–2800		Petrol tap	1
T SS H	28	83–2801		Petrol tap — reserve	1
T SS H MC	29	83–0002		Washer — petrol tap	2
T SS H MC	30	70–7351		Sealing washer — petrol tap	2

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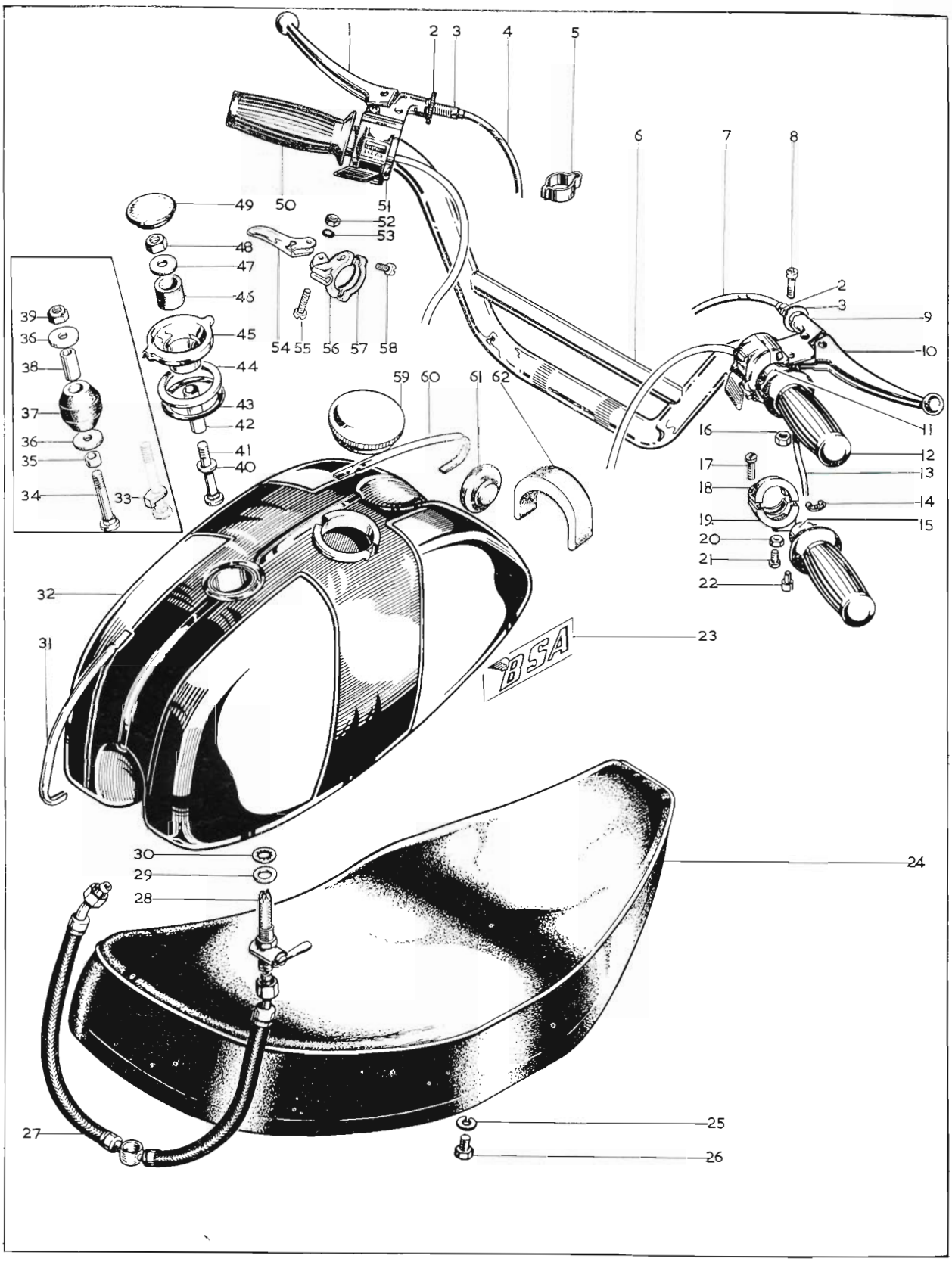

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Plate 18—*continued*

PETROL TANK — TWINSEAT — CONTROLS

Model	*Plate Ref.*	*Spares Number* B.S.A.	MAKERS	*Description*	*Per Set*
SS	31	83–3056		Trim strip — petrol tank, rear	1
H	31	83–3180		Trim strip — petrol tank, rear	1
T	32	83–2652		Petrol tank	1
MC	32	83–2721		Petrol tank	1
SS	32	83–3050		Petrol tank	1
H	32	83–2998		Petrol tank	1
H	33	82–9795		Tapered washer — petrol tank, centre bolt	1
T SS MC	34	83–2776		Bolt — petrol tank, centre fixing	1
T MC	35	82–3017		Distance collar — petrol tank, centre	1
T MC	36	03–0101		Washer — petrol tank, centre bolt	2
T MC	37	40–8085		Mounting rubber — petrol tank, centre	2
T MC	38	76–4120		Distance tube — petrol tank, centre	1
T MC	39	14–1302		Locknut — petrol tank, centre bolt ($\frac{5}{16}$" UN.F.)	1
SS	40	02–0370		Washer — petrol tank, centre fixing (15/64" × 37/64" × 3/64")	1
H	41	83–3042		Bolt — petrol tank, centre fixing	1
H	42	41–8011		Distance tube — petrol tank, centre ($\frac{11}{32}$" $\frac{15}{32}$" × 2$\frac{3}{8}$")	1
SS	42	40–8066		Distance tube — petrol tank, centre ($\frac{11}{32}$" $\frac{15}{32}$" × 1$\frac{3}{8}$")	1
SS H	43	68–8013		Rubber ring — petrol tank mounting	1
SS H	44	68–8019		Mounting ring — petrol tank, centre	1
SS H	45	82–9782		Trim strip holder	1
SS H	46	42–8017		Mounting rubber — petrol tank, centre	1
SS H	47	68–8016		Washer — petrol tank, centre bolt	1
SS H	48	21–1999		Nut — petrol tank, centre bolt	1
SS H	49	83–3068		Grommet — petrol tank, centre	1
T MC	49	83–3069		Grommet — petrol tank, centre	1
T SS H	50	19–7221		Rubber grip — left handlebar	1
MC	50	19–9503		Rubber grip — left handlebar	1
T SS H	51	19–1333‡	39595	Switch assembly — left	1
T SS H		42–8611†	18/864	Exhaust lifter control complete	1
T SS H		41–8548†		Cable — exhaust lifter control	1
T SS H	52	19–2763	18/060	Nut — exhaust lifter fulcrum pin	1
T SS H	53	19–3087		Lockwasher — exhaust lifter fulcrum pin	1
T SS H	54	19–3085	18 871	Lever — exhaust lifter	1
T SS H	55	19–3084	11/014	Fulcrum pin — exhaust lifter lever	1
T SS H	56	19–3086	18/869	Bracket — exhaust lifter	1
T SS H	57	19–3083	12/064	Clamp — exhaust lifter	1
T SS H	58	19–3082	376/079	Screw — exhaust lifter clamp	1
SS H	59	82–3220		Filler cap — petrol tank	1
T MC	59	83–1547		Filler cap — petrol tank	1
SS	60	83–3055		Trim strip — front	1
H	60	83–3179		Trim strip — front	1
T SS H MC	61	82–9222		Rubber — petrol tank anti-roll	1
T SS H MC	62	83–2980		Rubber — petrol tank, front	1
T SS H MC		60–3371†		Cable clips	6
T SS H MC		60–3372†		Cable clips	6

†Not illustrated.

‡See page 57 for handlebar switch details.

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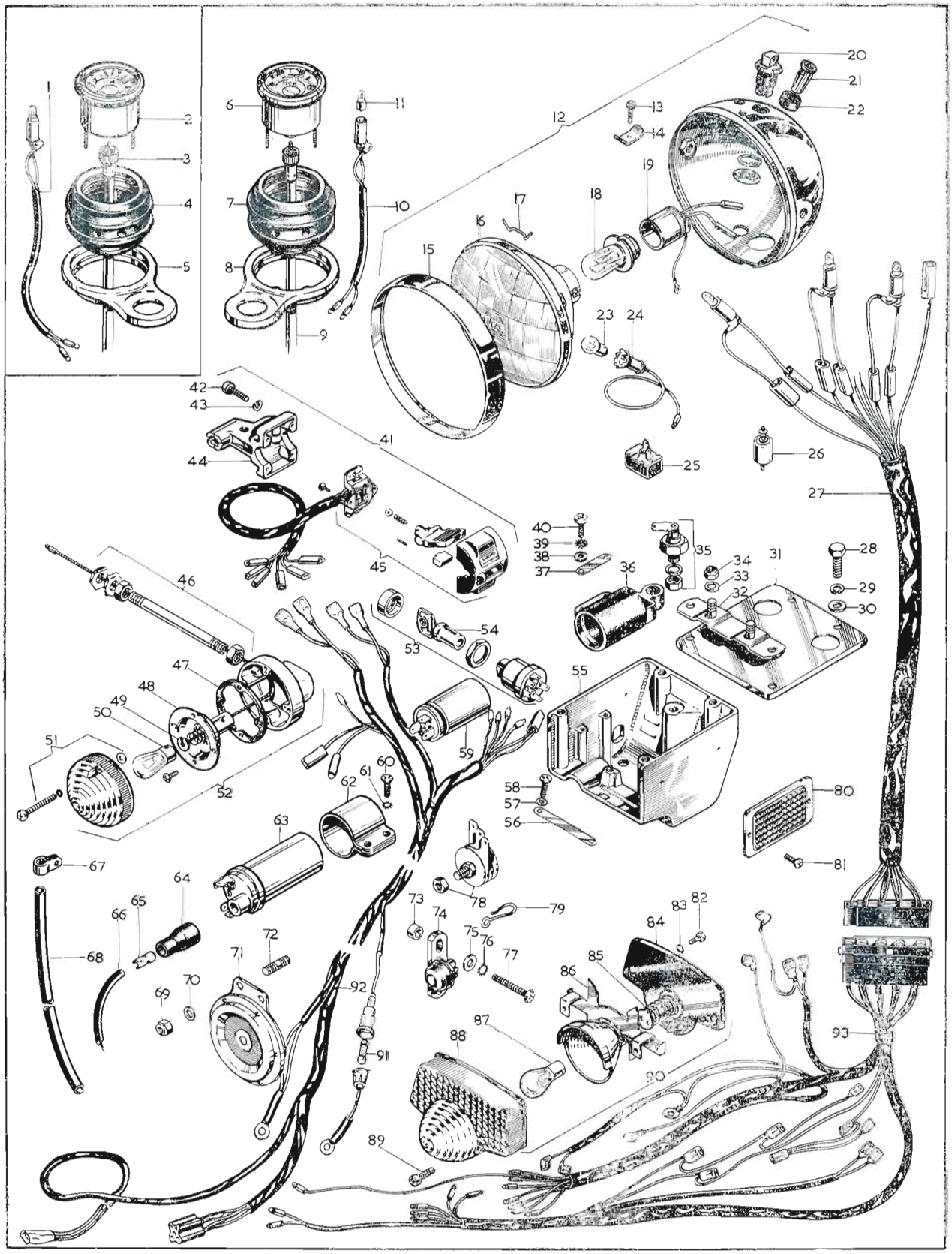

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Plate 19

ELECTRICAL EQUIPMENT

Model	*Plate Ref.*	*Spares Number*		*Description*	*Per Set*
		B.S.A.	MAKERS		
T SS H	1	19–9101		Light lead — tachometer, 80 mm. (optional extra)	1
T SS H	2	19–8953	RSM.3003/13	Tachometer — 80 mm. (optional extra)	1
T SS H	3	19–9103		Cable — tachometer drive (optional extra) ..	1
T SS H	4	60–2600		Rubber cup — tachometer, 80 mm. (optional extra)	1
T SS H	5	97–4026		Mounting bracket — tachometer, 80 mm. (optional extra)	1
SS H	6	19–8955	SSM.5007/02	Speedometer — 80 mm.	1
T	6	19–8958		Speedometer — 80 mm. with reversable trip ..	1
T SS H	7	60–2600		Rubber cup — speedometer, 80 mm.	1
T SS H	8	97–4026		Mounting bracket — speedometer, 80 mm. ..	1
T SS H	9	19–9095		Cable — speedometer drive	1
T SS H	10	19–9101		Light lead — speedometer, 80 mm.	1
T SS H	11		643	Bulb — speedometer and tachometer	1
T SS H	11		281	Bulb — warning lights	4
T SS H	12	19–1094	60262	Headlamp complete	1
T SS H	13		144921	Screw — headlamp rim fixing	1
T SS H	14		534296	Plate — headlamp rim fixing	1
T SS H	15		553343	Headlamp rim	1
T SS H	16	19–1088	54525272	Light unit — headlamp	1
T SS H	17		504665	Wire clip — light unit fixing	6
T SS H	18		370	Bulb — standard, main	1
T SS H	18	19–1064	371	Bulb — main, for France	*as reqd.*
T SS H	19		554602	Bulb holder — main	1
T SS H	20	19–1095	31276	Lighting switch	1
T SS H	21		54363454	Ignition warning light body — red	1
T SS H	21		54363455	Main beam warning light body — green	1
T SS H	21		54363453	Direction indicator warning light body — amber ..	1
T SS H	22		54525212	Rubber cup — warning lights	2
T SS H	23		989	Bulb — pilot	1
T SS H	24		54573590	Bulb holder — pilot	1
T SS H	25	19–1079	35048	Flasher unit	1
T SS H	26	19–1847	54420128	Condenser	1
MC	26	19–1747	54441582	Condenser	1
T SS H	27	19–1096	54959532	Harness — headlamp to electrical box	1
T SS H	28	14–6101		Bolt — electrical box cover ($\frac{1}{4}$" UN.C. × $\frac{1}{2}$") ..	4
T SS H	29	60–2427		Spring washer—electrical box cover ($\frac{15}{32}$" × $\frac{9}{32}$" × $\frac{1}{16}$")	4
T SS H	30	02–0525		Plain washer—electrical box cover ($\frac{1}{4}$" × $\frac{1}{2}$" × 3/64")	4
T SS H	31	83–2678		Top cover — electrical box	1
T SS H	32	83–2718		Bracket — electrical box, rear fixing	1
T SS H	33	76–0012		Washer — electrical box bracket	2

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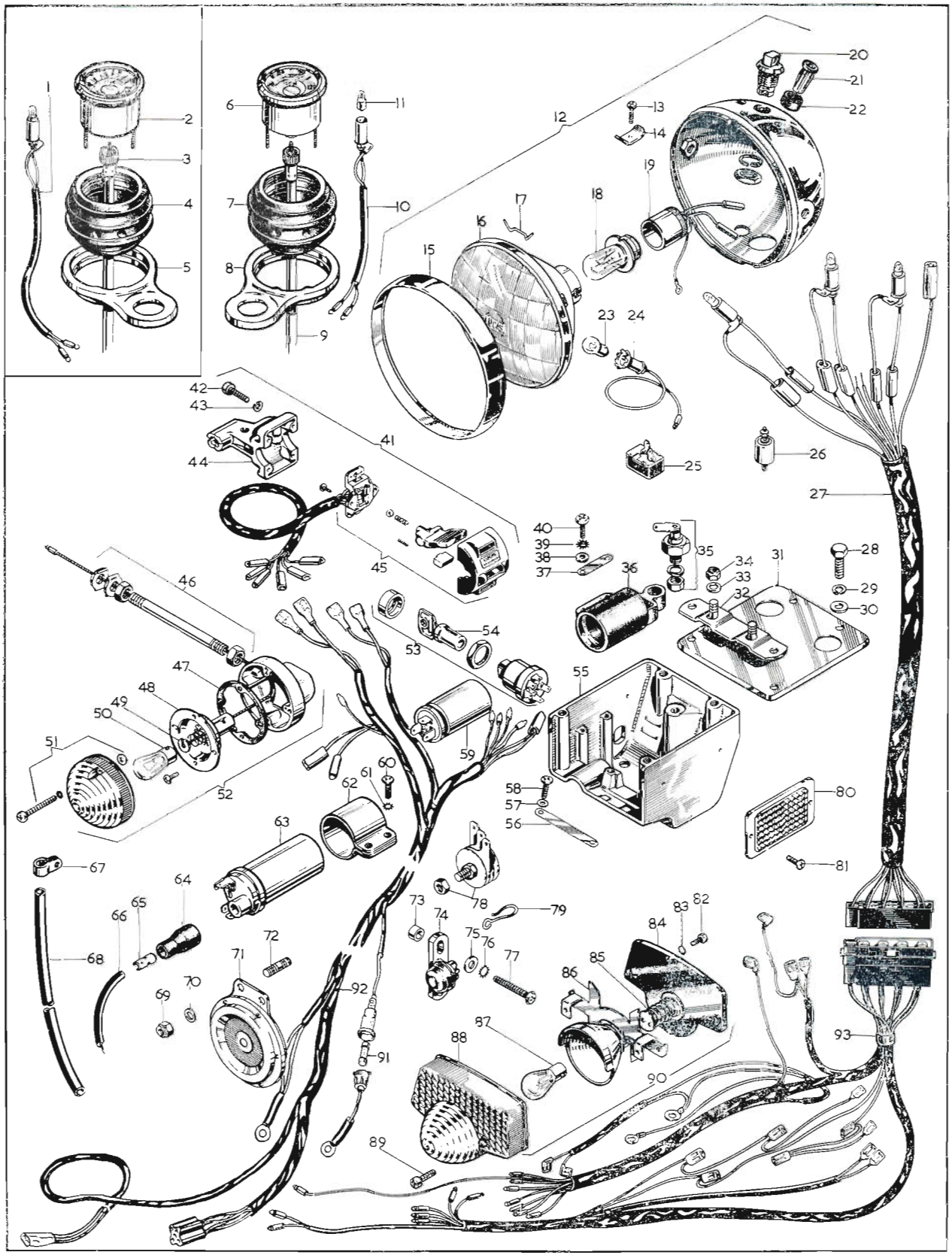
Plate 19—*continued*



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ELECTRICAL EQUIPMENT

Model	*Plate Ref.*	*Spares Number*		*Description*	*Per Set*
		B.S.A.	MAKERS		
T SS H	**34**	14–1302		Locknut — electrical box bracket ($\frac{5}{16}$" UN.F.) ..	2
T SS H	**35**	19–1735	49345	Zener diode	1
T SS H	**36**	19–1077	54422860	Rubber moulding — condenser, capacitor and flasher unit	1
T SS H	**37**	83–2669		Plate — capacitor support	1
T SS H	**38**	76–0293		Plain washer — capacitor moulding (13/64" × $\frac{3}{8}$" × $\frac{1}{32}$")	2
T SS H	**39**	29–3319		Shakeproof washer — capacitor moulding ..	2
T SS H	**40**	21–2067		Screw — capacitor moulding	2
T SS H	**41**	19–1332	39596	Switch assembly — right	1
T SS H	**41**	19–1333	39595	Switch assembly — left	1
T SS H	**42**		54115246	Screw — handlebar switch	8
T SS H	**43**		185022	Washer — handlebar switch	8
T SS H	**44**	19–1335	54340881	Lever half — switch assembly, left and right ..	2
T SS H	**45**	19–1337	54033667	Switch half — switch assembly, right	1
T SS H	**45**		54033666	Switch half — switch assembly, left	1
T SS H	**46**	19–1071	54582415	Tube — flasher lamp mounting, front	2
T SS H	**46**	10–1072	54582414	Tube — flasher lamp mounting, rear	2
T SS H	**47**		54580300	Gasket — flasher lamp	4
T SS H	**48**		554548	Bulb holder — flasher lamp	4
T SS H	**49**		573832	Interior assembly	4
T SS H	**50**		382	Bulb — flasher lamp	4
T SS H	**51**	19–1068	54581638	Lens assembly — flasher lamp	4
T SS H	**52**	19–1067	56147	Flasher lamp complete	4
T SS H	**53**	19–1904	39565	Switch — ignition and lighting	1
T SS H	**54**	82–6981	1–6280	Lock and key — ignition and lighting switch ..	1
T SS H	**55**	83–2679		Electrical box	1
T SS H	**56**	83–2670		Terminal clamp strip	1
T SS H	**57**	76–0293		Washer — terminal clamp strip (13/64" × $\frac{3}{8}$" × $\frac{1}{32}$")	2
T SS H	**58**	21–1930		Screw — terminal clamp strip	2
T SS H	**59**	19–1858	54170009	Capacitor	1
T SS H	**60**	21–2067		Screw — coil fixing	2
T SS H	**61**	29–3319		Shakeproof washer — coil fixing	2
T SS H	**62**		54419974	Coil clamp	1
T SS H	**63**	19–1881	54221	Coil — ignition	1
MC	**63**	19–0456		Coil — energy transfer ignition	1
MC		83–3306†		Bracket — coil mounting	1
MC		14–0214†		Bolt — coil and bracket ($\frac{1}{4}$" UN.F. × 4")	1
MC		14–0104†		Bolt — coil to bracket ($\frac{1}{4}$" UN.F. × $\frac{7}{8}$")	1
MC		14–0213†		Bolt — bracket to frame ($\frac{1}{4}$" UN.F. × $3\frac{1}{2}$") ..	1
MC		14–0102†		Bolt — condenser fixing ($\frac{1}{4}$" UN.F. × $\frac{5}{8}$")	1
MC		60–2427†		Washer — condenser fixing bolt (29/64" × $\frac{9}{32}$" × $\frac{3}{32}$")	1
MC		14–1301†		Nut — coil bracket, frame, condenser fixing ($\frac{1}{4}$" UN.F.)	4

†Not illustrated.

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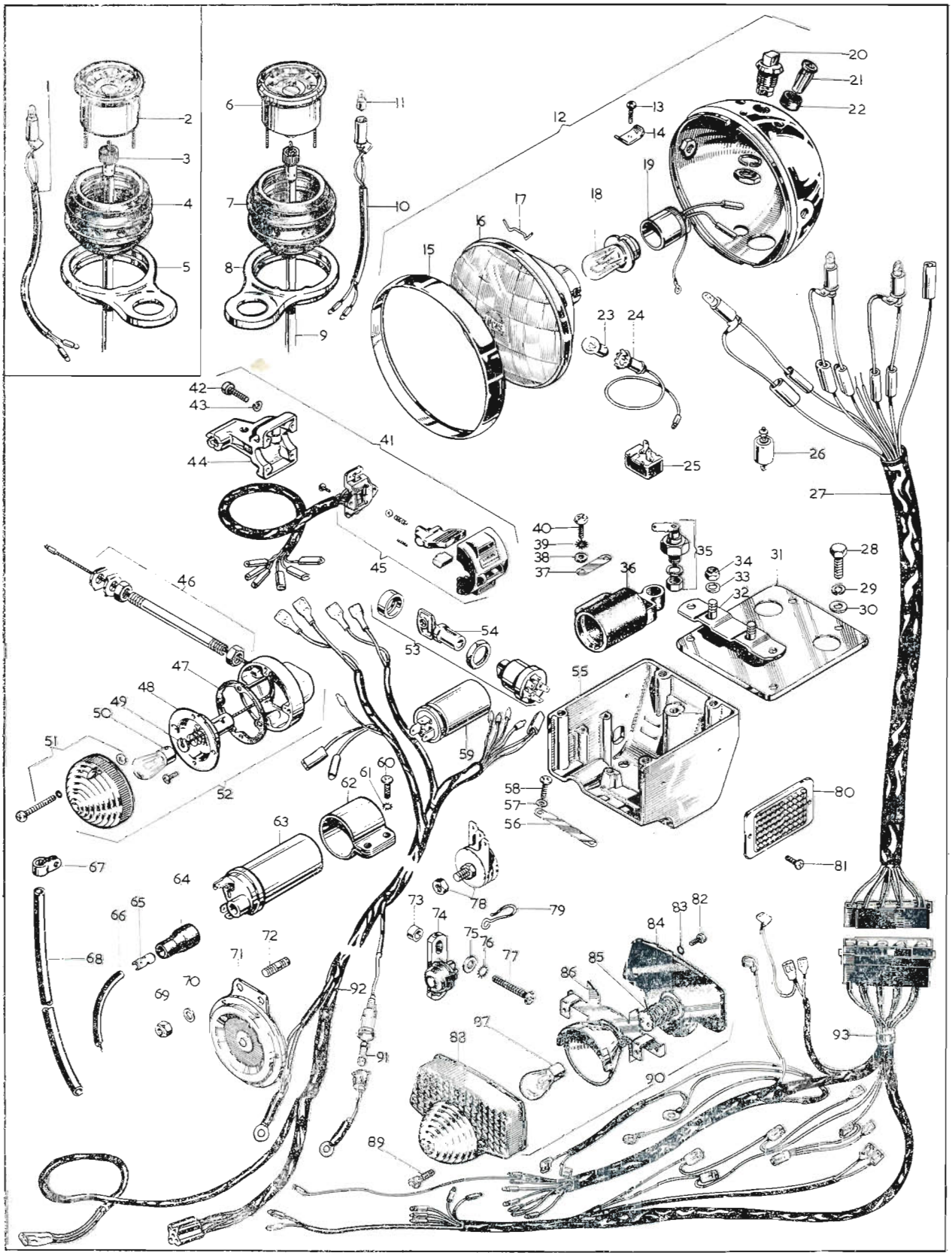
Plate 19—*continued*



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ELECTRICAL EQUIPMENT

Model	*Plate Ref.*	*Spares Number* B.S.A.	MAKERS	*Description*	*Per Set*
T SS H	**64**		54949011	Rubber grommet — high-tension lead	1
T SS H	**65**		421863	Clip — high-tension contact	1
T SS	**66**		54956424	High-tension lead	1
H	**66**		54956466	High-tension lead	1
T SS H	**67**	66–8340		Clip — battery vent pipe	1
T SS H	**68**	68–9163		Vent pipe — battery	1
T SS H	**69**	14–1301		Nut — horn fixing ($\frac{1}{4}$" UN.F.)	2
T SS H	**70**	02–0525		Washer — horn fixing stud ($\frac{1}{4}$" × $\frac{1}{2}$" × 3/64")	2
T SS H	**71**	19–2084	70216	Horn — 6H, high note	1
T SS H	**72**	14–1601		Stud — horn fixing ($\frac{1}{4}$" UN.F. × 1")	2
T SS H	**73**	82–4366		Distance piece — stop switch mounting	2
T SS H	**74**	19–0916	34815	Stop switch — rear	1
T SS H	**75**	90–6219		Washer — stop switch fixing screw	2
T SS H	**76**	60–2426		Spring washer — stop switch fixing screw (25/64" 13/64" × $\frac{3}{32}$")	2
T SS H	**77**	21–5356		Screw — stop switch fixing	2
T SS H	**78**	19–1715	49072	Rectifier	1
T SS H	**79**	47–9030		Clip — stop switch cable	1
T SS H	**80**	19–1338	57160	Reflector — front	2
T SS H	**81**	21–2073		Screw — reflector fixing	4
T SS H	**82**		110714	Screw — rear lamp fixing	2
T SS H	**83**		188330	Washer — rear lamp fixing screw	2
T SS H	**84**		54571677	Gasket — rear lamp lens backing	1
T SS H	**85**		573828	Interior bulb holder — rear lamp	1
T SS H	**86**		54525286	Base plate — rear lamp	1
T SS H	**87**		380	Bulb — rear lamp	1
T SS H	**88**		54577109	Lens — rear lamp	1
T SS H	**89**		144921	Screw — lens fixing	2
T SS H	**90**	19–1245	53973	Rear lamp complete	1
T SS H	**91**	19–1249	188218	Fuse — main harness, 35 amp.	1
T SS H	**92**	19–1075	54959480	Main harness	1
MC	**92**	19–1340	54959649	Harness — ignit on	1
T SS H	**93**	19–1080	54959680	Harness — electrical box	1
T SS H		19–1776	54027029†	Battery (PUZ5A)	1

†Not illustrated.

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Plate 20

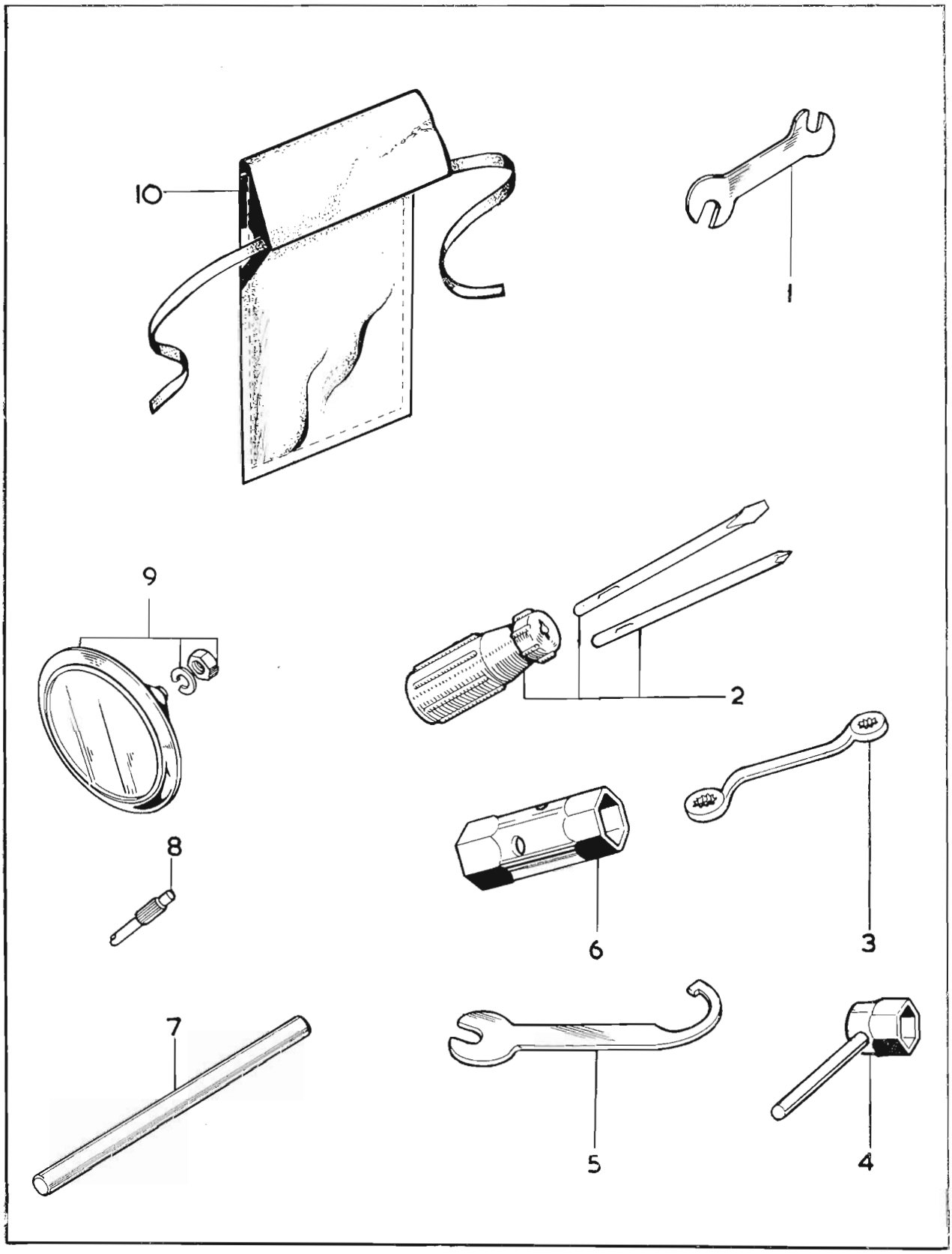

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Plate 20

TOOLS

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
T SS H	**1**	65–9132	Spanner	1
T SS H	**2**	60–0767	Screwdriver set	1
T H	**3**	67–9026	Ring spanner	1
H	**4**	60–1050	Plug spanner	1
T SS H	**5**	60–2184	Suspension unit "C" spanner	1
T SS H	**6**	40–9017	Box spanner	1
T SS H	**7**	60–1911	Tommy bar	1
T SS H	**8**	68–9467	Tyre valve key	1
H	**9**	42–9273	Licence holder complete	1
T SS H	**10**	75–9089	Tool roll	1
T SS H		60–2114	Tool roll complete with tools	1

MOTO-CROSS REAR MUDGUARD FIXINGS

Model	*Plate Ref.*	*Spares Number*	*Description*	*Per Set*
MC		60–3370†	Grommet — rear mudguard	5
MC		14–0103†	Bolt — mudguard fixing	5
MC		60–2347†	Washer — mudguard fixing	5
MC		14–1301†	Nut — mudguard fixing	5

†Not illustrated.

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Plate 21

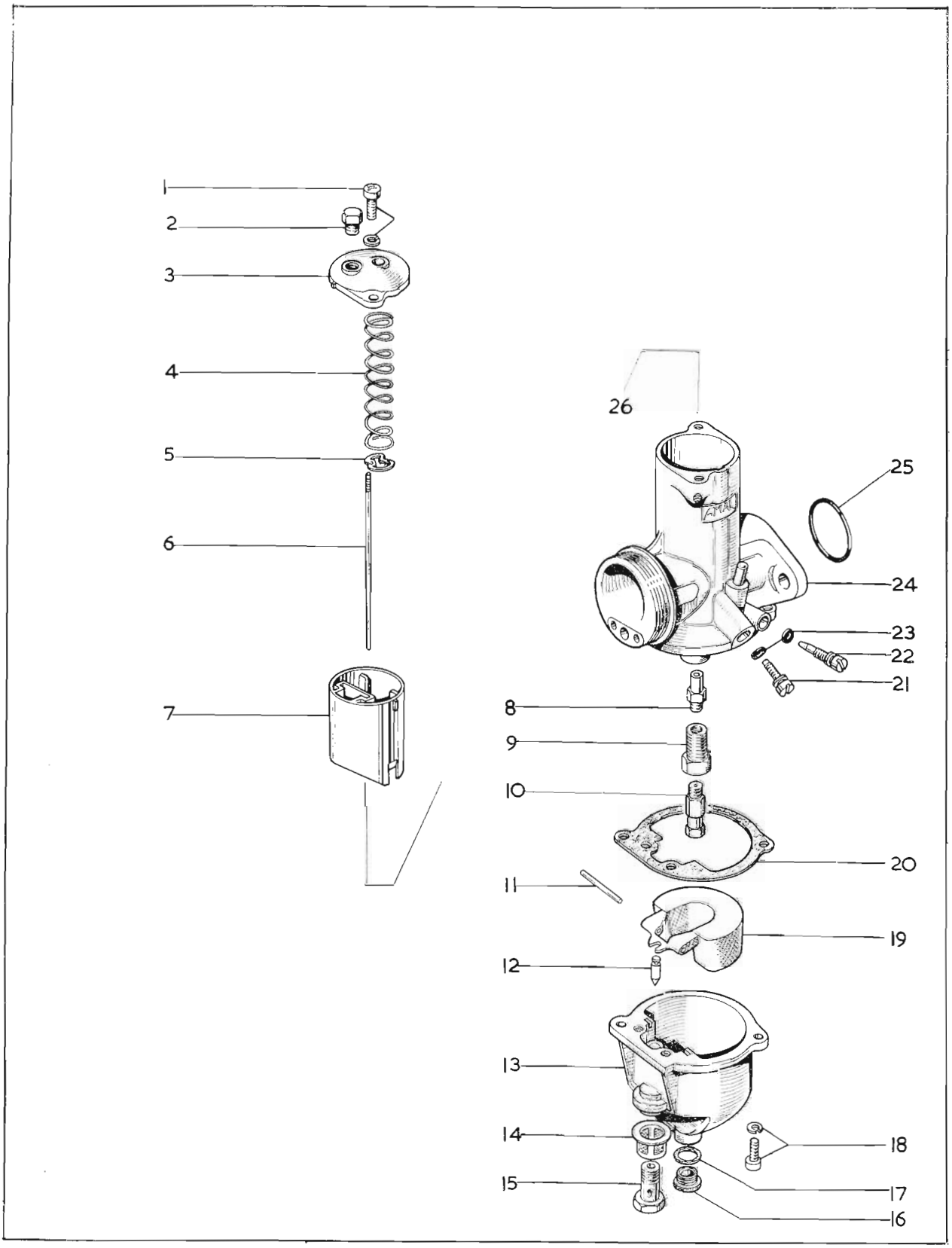

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Plate 21

CARBURETTER

Model	*Plate Ref.*	*Spares Number*		*Description*	*Per Set*
		B.S.A.	MAKERS		
T SS H MC	1	19–3093	622/086	Screw and washer — top cap	2
T SS H MC	2		4/137A	Screw plug — top cap	1
T SS H MC	3		928/097	Cap — mixing chamber	1
T SS H MC	4	19–3094	622/061	Spring — throttle	1
T SS H MC	5	19–3095	622/067	Clip — throttle needle	1
T SS H MC	6	19–3137	928/131	Needle — throttle	1
T SS H	7	19–3127	928/060	Throttle slide (No. 3½ cutaway)	1
MC	7	19–3108	928/060	Throttle slide (No. 3 cutaway)	1
T SS H MC	8	19–3136	622/079	Needle jet (·106)	1
T SS H MC	9		622/128	Jet holder	1
T SS H	10	19–2880	376/100	Main jet (200 c.c.)	1
MC	10	19–2885	376/100	Main jet (250 c.c.)	1
T SS H MC	11		622/071	Float spindle	1
T SS H MC	12	19–3105	622/068	Float needle	1
T SS H MC	13		622/055	Float chamber	1
T SS H MC	14	19–3048	376/093	Petrol filter	1
T SS H MC	15	19–3103	622/078	Banjo bolt	1
T SS H MC	16		622/147	Drain plug	1
T SS H MC	17		622/151	Washer — drain plug	1
T SS H MC	18	19–3093	622/086	Screw and washer — float chamber to body	2
T SS H MC	19	19–3102	622/069	Float	1
T SS H MC	20	19–3106	622/073	Gasket — float chamber	1
T SS H MC	21		622/077	Screw — throttle stop	1
T SS H MC	22		622/076	Adjusting screw — pilot air	1
T SS H MC	22	19–3098	622/082	"O" ring — pilot air and throttle stop screws	2
T SS H MC	23	19–3090	622/101	"O" ring — carburetter flange	1
T SS H	24		R.930	Carburetter body	1
MC	24		R.932	Carburetter body	1
T SS H		19–2430†	R930/62	Carburetter complete	1
MC		19–2429†	R932/18	Carburetter complete	1

†Not illustrated.

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