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FOR

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THE MODERN MOTOR CYCLE



Leader

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Spare Parts should be obtained through our appointed dealers and spares stockists, who carry comprehensive stocks, or can obtain at short notice parts not readily available.

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PLEASE NOTE

Part numbers quoted in this book are those prevailing at the time of publication, but we reserve the right to introduce any modification deemed necessary at any time without prior notice.

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Published March 1961

Ref. TCP/1361

ARIEL MOTORS LTD.

SELLY OAK . . . . BIRMINGHAM 29

ENGLAND

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Suffix letters to be used to identify varying colours

/B	ADMIRALTY GREY
/D	CHEROKEE RED
/E	ORIENTAL BLUE
/F	SEAL GREY
/G	GOLD
/K	CHROMED

When ordering enamel finished parts, please state finish required by adding the appropriate suffix letter to the part number.

Example:
Lid for outer shell, Cherokee Red T2517/D

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ARIEL MOTORS LIMITED
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Although every effort is made to obtain the most suitable and highest quality fittings of a proprietary nature for incorporating into our Motor Cycles, our guarantee does not cover such parts.

In the event of trouble being experienced with proprietary fittings, the part or parts should be returned to and claims made direct on the actual manufacturers who will deal with them on the terms of their respective guarantees. Date of purchase and mileage covered should always be clearly stated when submitting a claim.

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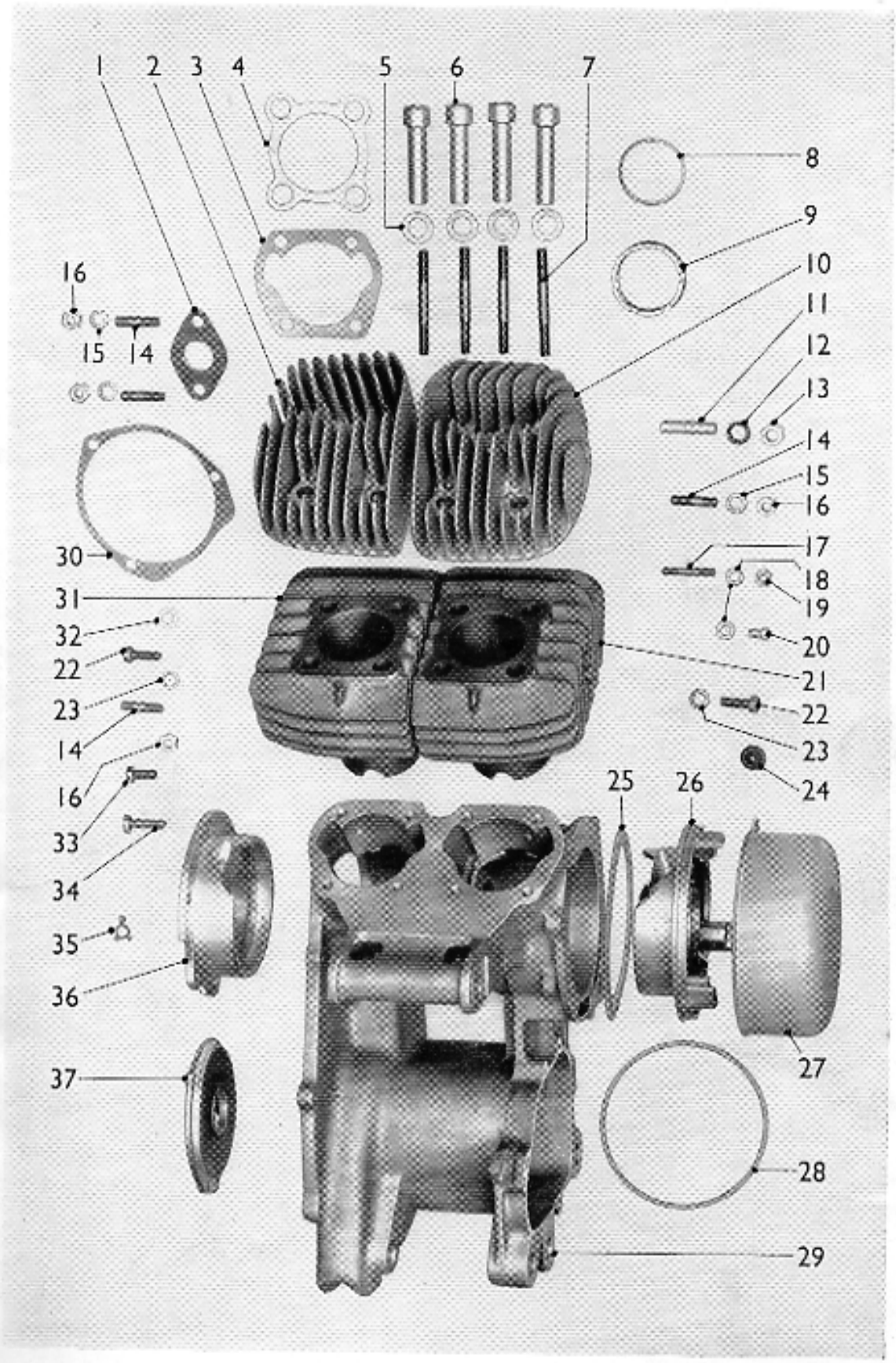
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NOTE.—The letters R/S and L/S mean the right-hand side and left-hand side respectively when the rider is astride the machine.

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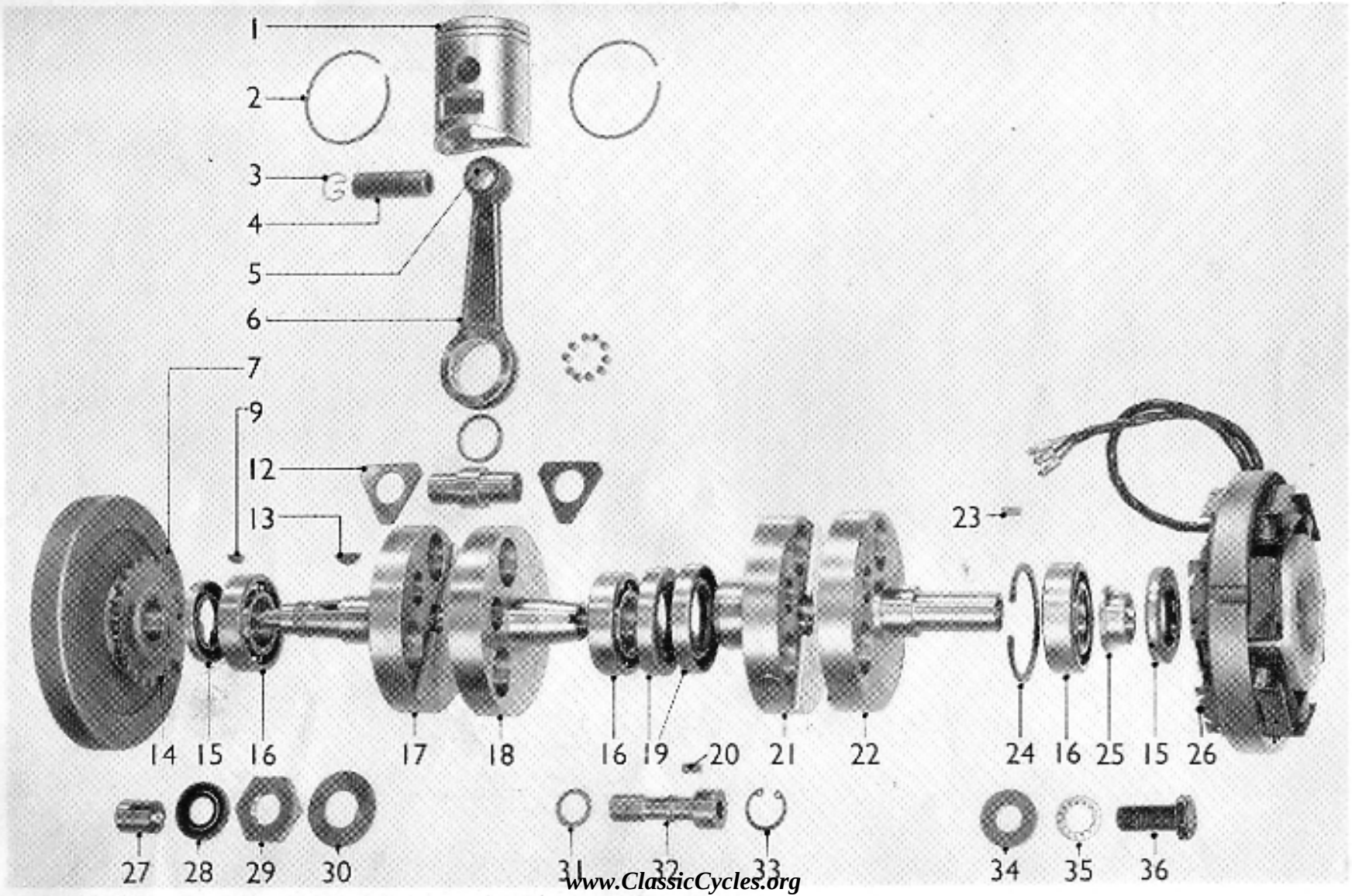
PLATE 1 CYLINDERS, CRANKCASE AND FITTINGS



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PLATE NO. 1 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
		CYLINDERS, CRANKCASE AND FITTINGS	
1	A7–1057	Carburetter flange joint washer (inter 12019–54) ...	1
	T137	Carburetter flange washer ... Sports Arrow only	1
2	T136	Cylinder head L/S	1
3	T55	Cylinder base joint washer	2
4	T43	Cylinder head gasket	2
5	T70	Washer for cylinder head sleeve nut	8
6	T37	Sleeve nut for cylinder head	8
7	T90	Stud (crankcase—cylinder)	8
8	T2051	Sealing washer for exhaust pipe nut	2
9	T2050	Nut securing exhaust pipe	2
10	T135	Cylinder head R/S	1
11	T88	Stud, for footrest	6
12	TSW–7	$\frac{1}{4}$" Shakeproof washer for T88	6
13	UN1/6F	Nut, for footrest stud	6
	UN2/5F	Nut, for R/S end cover stud	3
	UN2/5F	Nut, carburetter fixing stud	2
14	T94	Stud, crankcase end covers	7
	T94	Stud, carburetter fixing	2
15	TSW–5	$\frac{5}{16}$" Shakeproof washer	7
16	UN1/5F	Nut, for L/S end cover stud	4
17	T91	Stud for alternator	3
18	TW–17	1" Plain washer	3
19	SN–39	Nut for alternator stud	3
20	T83	Screw for alternator cover	3
21	T41	Cylinder barrel, R/S	1
22	T93	Screw for crankcase end covers	4
23	S5–3	Washer for T93 screw	3
24	T109	Rubber grommet, for alternator cover	1
25	T120	Shim, crankcase cover R/S	as req.
	T122	Paper washer, R/S end cover (not used if T120 fitted)	as req.
26	T13/1	Crankcase end cover R/S	1
27	T21	Alternator cover	1
28	T53	Joint ring for alternator cover	1
	T10	Crankcase c/w fixed fittings ... Sports Arrow only	1
29	T10/1	Crankcase c/w fixed fittings	1
	UN5/8C	Crankcase plug bolt ... ... Arrow only	2
30	T82	Joint washer—oil seal housing	1
31	T40	Cylinder barrel, L/S	1
32	TW–20	$\frac{5}{16}$" Plain washer for L/S end cover stud	4
33	UN5/12C	Bolt for L/S end cover	1
34	UN4/10C	Bolt for oil seal housing	3
35	T72	Tab washer for oil seal housing bolt	3
36	T12	Crankcase end cover L/S	1
37	T11	Oil seal housing (G/box—chaincase)	1
	T753	Oil seal	1
	5775–56	Rubber grommet for T2198/1 cowl ... ... Arrow	1
	T121	Paper washer for L/S end cover	1
	T2198/1	Cowl for gearbox and crankcase ... ... Arrow	1
	T2198/2	Cowl for gearbox and crankcase Sports Arrow only	1
	T2202	Felt washer for kickstarter and foot change spindles Arrow only	3
	T71	Anchor pin (connecting link to centre stand)	1
	T2200	Hexagon adaptor, clutch adjuster to T2198/1 cover Arrow	1
	T2110	Spacer for connecting link	2
	T124	Breather pipe assembly	1

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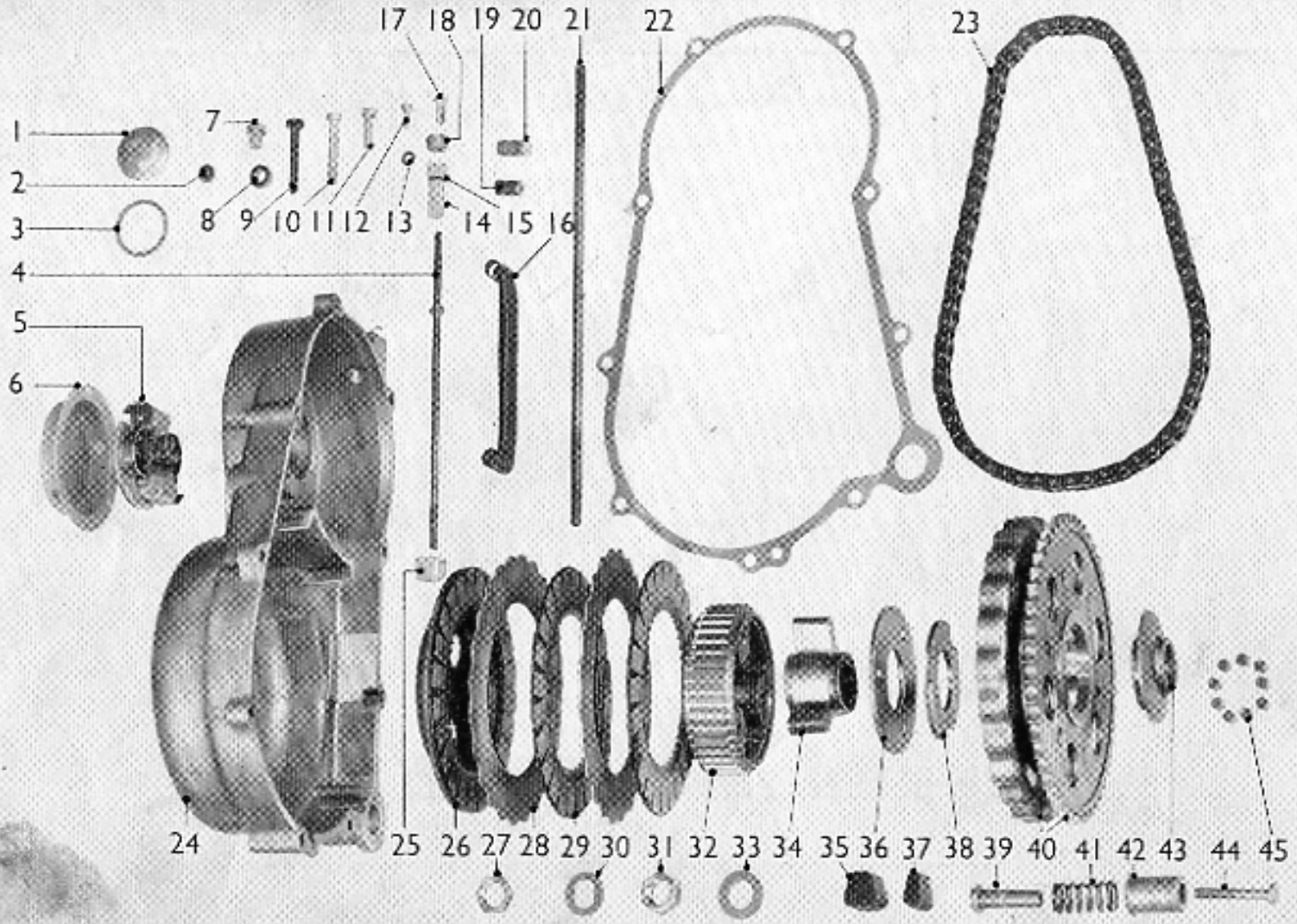


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PISTONS, CON-ROD AND CRANKSHAFT ASSEMBLY

PLATE NO. 2 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
1	T18	Piston complete (standard)	2
2	T18/2	Piston ring (standard)	4
	T18/3	Piston complete (·020" o/size)	2
	T18/5	Piston ring (·020" o/size)	4
	T18/6	Piston complete (·040" o/size)	2
	T18/8	Piston ring (·040" o/size)	4
3	T18/10	Circlip for gudgeon pin	4
4	~~T18/9~~	Gudgeon pin	2
5	T31	Small end bush	2
6	T30/1	Connecting rod c/w crankpin, bearings and S.E. bush	2
7	T19/1	Flywheel and sprocket	1
7	T19	Flywheel only	1
9	T80	Key (flywheel—engine sprocket)	1
13	T79	Key for engine sprocket	1
14	T22	Engine sprocket (22T)	1
15	T50	Oil seal for end covers	2
16	T34	Ball bearing for crankcase (LJ.25) (SKF 6205) ...	1
16	T34	Ball bearing for end covers (LJ.25) (SKF 6205) ...	2
17	T26	Outer shaft (L/S crankshaft)	1
18	T25	Inner shaft (L/S crankshaft)	1
	T103	Crankshaft assembly (R/S) c/w inner and outer shafts, con-rod and big end complete	1
	T104	Crankshaft assembly (L/S) c/w inner and outer shafts, con-rod and big end complete	1
19	T49	Oil seal for crankcase	2
20	T45	Key, for locking bolt T29	1
21	T24	Inner shaft (R/S crankshaft)	1
22	T23	Outer shaft (R/S crankshaft)	1
23	T98	Key, mainshaft—rotor	1
24	T101	Circlip for R/S cover bearing	1
25	T58	Collar for R/S crankshaft	1
26	T3011	Alternator complete	1
27	T3012	Cam assembly (contact breaker)	1
28	T51	Oil seal for contact breaker	1
29	T76	Nut for engine sprocket	1
30	T75	Engine sprocket tab washer	1
31	T44	Washer for crankshaft locking bolt	1
32	T29	Locking bolt for inner L/S and R/S crankshaft ...	1
33	T105	Circlip for T29 locking bolt	1
34	TW-33	Plain washer for rotor bolt	1
35	TSW-9	Shakeproof washer for rotor bolt	1
36	T89	Bolt (rotor—R/S crankshaft)	1
	T128	Shim, R/S end cover bearing (·010")	as req.

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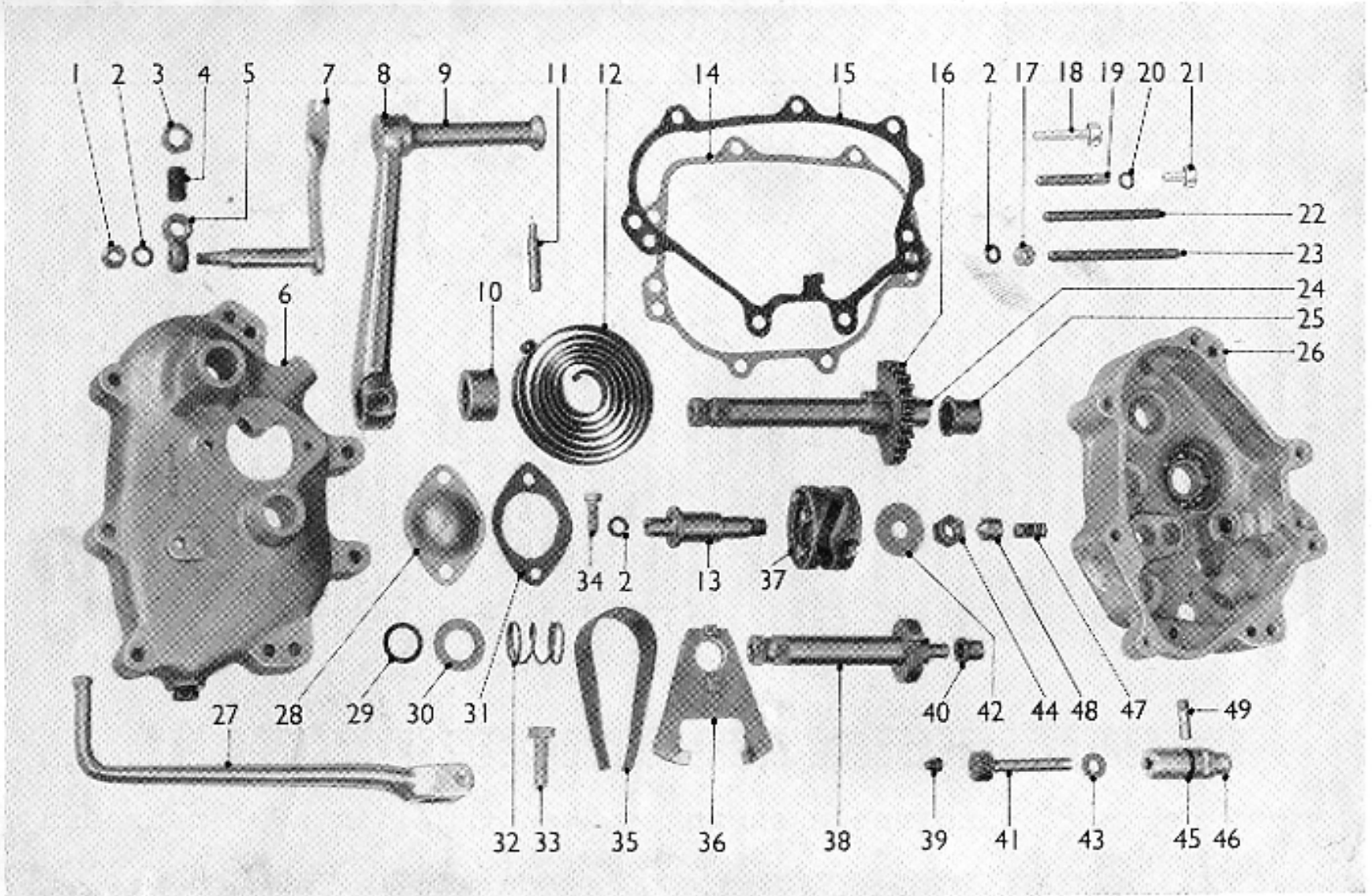


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CONTACT BREAKER, CHAINCASE, CLUTCH AND FITTINGS

PLATE NO. 3 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
1	ET-428A	Inspection cap for outer chain cover (inter 1596–33, 3342–31)	1
	ET-428A/1	Inspection cap for outer chain cover Sports Arrow	1
3	K359	Washer for inspection cap (inter 10219-54)	1
4	T65	Primary chain adjusting rod	1
5	T3015	Contact breaker complete	1
6	T42	Cover for contact breaker Leader	1
6	T42/F	Cover for contact breaker Arrow	1
	T42/1	Cover for contact breaker Sports Arrow	1
	T127	Joint washer for contact breaker cover	1
7	T116	Oil level plug for outer chain-cover	1
8	A6-769	Washer for oil level plug (inter 2101–30)	1
9	UN4/28C	Drain bolt for outer chain-cover	1
	T77	Washer for drain bolt	1
10	T86	Screw (long) for chain-cover	2
11	T87	Screw (short) for chain-cover	6
12	T85	Screw securing contact breaker cover	3
12	T85	Screw securing contact breaker	2
13	T111	Plain washer for contact breaker screw	2
14	T69	Adjuster sleeve for chain tensioner adjusting rod	1
15	T106	Oil seal "O" ring for T69 sleeve	1
16	T64	Tensioner blade for primary chain	1
17	T2570	Screw for adjuster locking plug	1
18	T60	Locking plug for tensioner	1
19	T61	Trunnion for tensioner blade	2
20	T57	Felt plug in crankcase for rear chain lubrication	1
21	T529	Clutch push rod	1
22	T52	Joint washer for chain cover	1
23	T112	Primary chain ($\frac{3}{8}$" pitch × ·225 × 70 pitches)	1
24	T17	Chain cover, outer	1
	T17/1	Chain cover, outer Sports Arrow only	1
25	T97	Saddle nut (nylon) for chain adjuster	1
26	T526	Clutch spring plate c/w liners	1
28	T504	Clutch driving plate	2
29	T522	Clutch plate and liners	2
31	T532	Clutch mainshaft nut	1
32	T509	Clutch centre	1
	T531	Seating washer	3
33	T515	Washer for T516 clutch nut	1
34	T508	Vane for clutch centre	1
35	T524	Cush drive rubber (large)	3
36	T511	Clutch centre end plate	1
37	T523	Cush drive rubber (small)	3
38	T512	Thrust and locating washer	1
39	T528	Clutch spring nut	3
40	T501	Clutch chainwheel complete	1
41	T521	Clutch spring	3
	T530	Washer for clutch spring	3
42	T507	Clutch spring cup	3
43	T525	Clutch thrust washer	1
44	T519	Clutch spring bolt	3
45	T527	Roller bearing (HOFF B2274A) for clutch chainwheel	18

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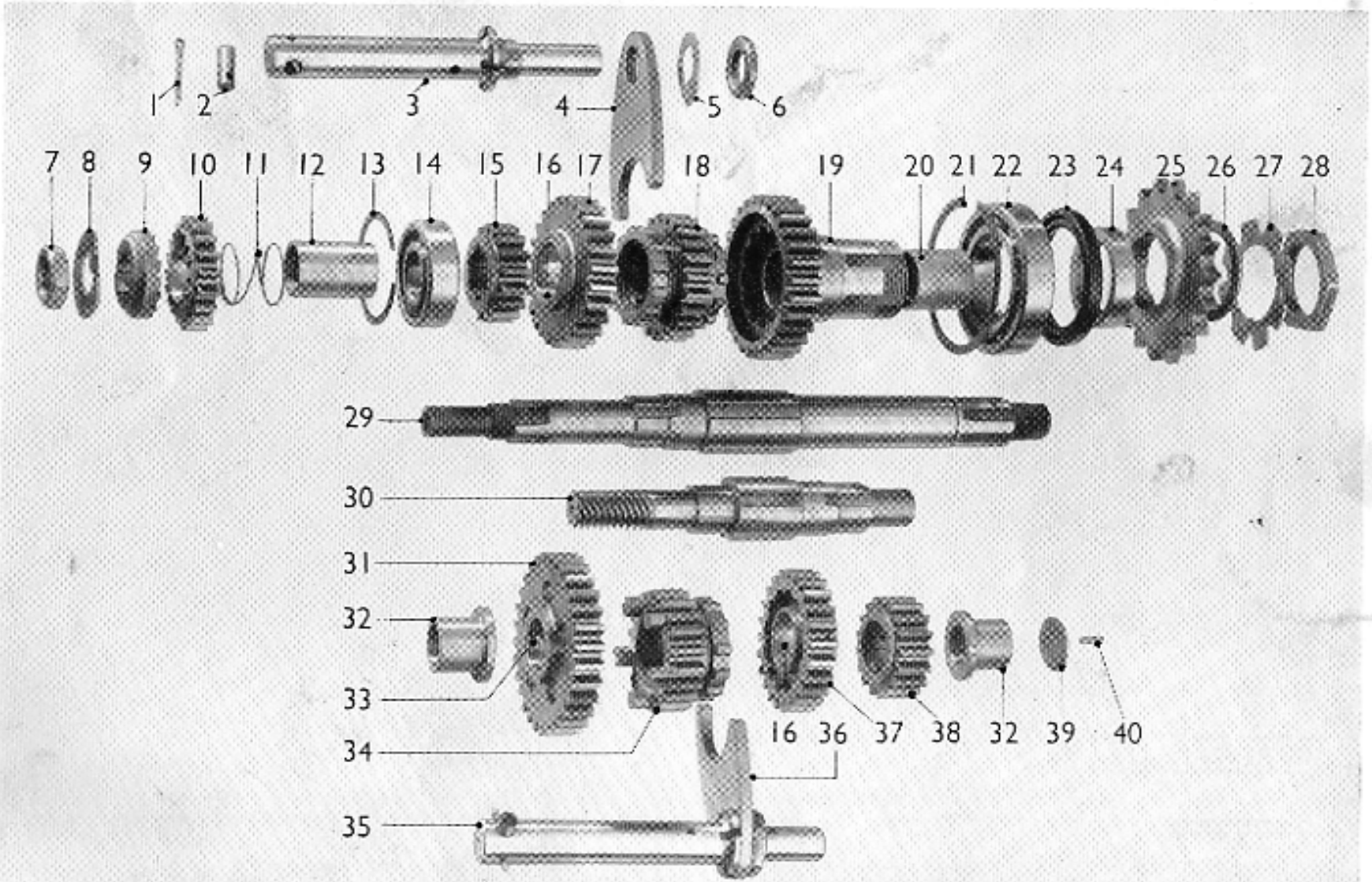
KICKSTARTER CASE AND FOOT GEAR CONTROL

PLATE NO. 4 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
1	T806	Nut, securing inner clutch operating lever	1
2	T770	Spring washer (inter 3752–52 or S5–2)	1
3	T805	Locknut for adjusting screw	1
4	T802	Adjusting screw and ball	1
5	T801	Inner clutch operating lever	1
6	T767	Kickstarter case cover	1
7	T798	Clutch operating lever and spindle	1
	T864	Kickstarter lever (folding type) complete Sports Arrow	1
8	T760	Kickstarter lever	1
	T865	Kickstarter lever (folding type) Sports Arrow	1
9	T764	Kickstarter lever pedal (inter 12503–54)	1
	T866	Kickstarter lever pedal (folding type) Sports Arrow	1
	T853/1	Kickstarter pedal rubber	1
10	T857	Distance collar for kickstarter spindle	1
11	T785	Kickstarter spring pin	1
12	T784	Kickstarter spring (inter 3335–48)	1
13	T792	Cam spindle	1
14	T751	Joint washer, between kickstarter case and gearbox	1
15	T768	Joint washer for kickstarter case cover	1
16	T783	Kickstarter quadrant	1
17	UN1/4F	Nut for gearbox-cover studs	7
	S5–2	Spring washer (¼" 1/dia.)	7
18	T777	Screw, kickstarter case cover—kickstarter case to gearbox	1
19	T756	Stud, kickstarter case to kickstarter case cover	1
20	T779	Washer for drain plug and oil level plug	2
21	T778	Oil level plug and oil drain plug	2
22	T757	Dowel, gearbox—kickstarter case covers	2
23	T755	Stud, gearbox—kickstarter case cover	6
24	T782	Kickstarter spindle	1
25	T773	Kickstarter spindle bush	1
26	T771	Kickstarter case c/w bushes	1
27	T759/1	Foot change lever	1
	T863	Chromed cover for foot change lever	1
	T761	Foot change lever rubber	1
28	T807	Clutch adjuster cover	1
29	T790	Oil seal ring (inter 12493–54)	1
30	T766	Oil seal washer	1
31	T808	Joint washer for T807 cover	1
32	T789	Spring for quadrant spindle (inter 3746–52)	1
33	UN5/22F	Bolt for foot change lever	1
	T872	Washer for T870 bolt Sports Arrow	1
	T871	Nut for T870 bolt Sports Arrow	1
	T867	Nut for folding kickstarter pedal Sports Arrow	1
	UN2/5F	Nut for UN5/22F bolt	1
33	T765	Bolt for kickstarter lever (inter 12502–54)	1
	T870	Bolt for kickstarter lever Sports Arrow	1
34	T809	Screw for T807 adjuster cover	2
	T869	Spring washer for kickstarter pedal Sports Arrow	1
2	T770	Spring washer (inter 3752–52)	2
	T868	Washer for kickstarter pedal (inter 3701–55) Sports Arrow	1
35	T791	Quadrant return spring	1
36	T787	Quadrant and peg	1
37	T793	Gear change cam	1
38	T786	Quadrant spindle	1
39	T812	Speedometer spindle thrust button (inter 3160-31)	1
40	T774	Quadrant spindle bush (inner) (inter 3720–52)	1
41	T810	Speedometer spindle	1
42	T795	Washer for cam spindle	1

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PLATE NO. 4 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
43	**T811**	Speedometer spindle thrust washer (inter 3665–52) ...	1
44	**T794**	Nut for cam spindle	1
45	**T781**	Oil seal for speedometer spindle bush (inter 3666–52)	1
46	**T775**	Speedometer spindle bush	1
47	**T797**	Cam plunger spring (inter 3709–52)	1
48	**T796**	Cam plunger (inter 3707–55)	1
49	**T780**	Cotter pin, securing speedometer spindle bush (inter 3164–31)...	1
	T854	Plug for kickstarter case	1
	T859	Washer (fibre) for **T854** plug	1
	S5–3	Spring washer for **T765**	1

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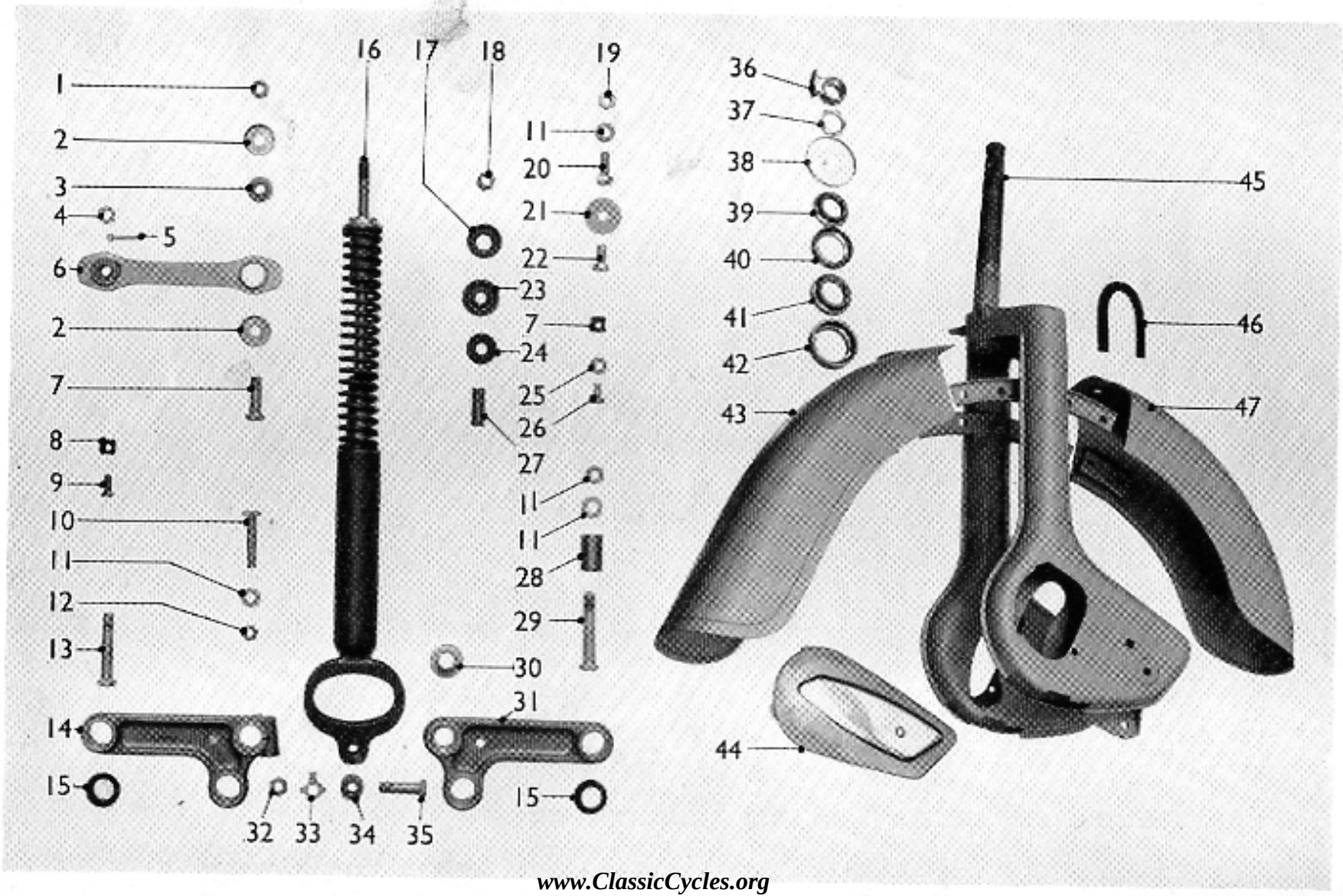


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GEARBOX FITTINGS

PLATE NO. 5 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
1	T828	Split pin for dowel (inter 3741–52)	1
2	T827	Dowel for selector spindle (inter 3739–52)	2
3	T849	Selector fork complete (mainshaft)	1
7	T830	Mainshaft nut (kickstarter end) (inter 3626–52) ...	1
8	T831	Mainshaft nut lockwasher (inter 3684–55)	1
9	T832	Driving ratchet (inter 3680–52)	1
10	T833	Ratchet pinion	1
11	T835	Ratchet pinion spring (inter 3196–33)	1
12	T834	Ratchet pinion bush (inter 3683–52)	1
	T858	Distance piece for **T834** bush	1
13	T837	Bearing retaining ring, kickstarter end (inter 3628–52)	1
14	T836	Ball race, kickstarter end (3176–33)	1
15	T838	First gear, mainshaft	1
16	T820	Bush for third gear, mainshaft	1
17	T840	Third gear and bush (mainshaft)	1
18	T839	Second gear, mainshaft	1
19	T842	Driving gear and bush	1
20	T844	Driving gear bush	2
21	T752	Circlip (driving gear ball race)	1
22	T750	Ball bearing (62 mm × 35mm × 14mm)	1
23	T754	Driving gear oil seal	1
24	T845	Sprocket spacing collar	1
25	T846	Driving sprocket	1
26	T856	Driving gear nut distance washer	1
27	T848	Driving gear nut lockwasher (inter 3091–33)	1
28	T847	Driving gear nut (inter 3089–33)	1
29	T829	Mainshaft	1
30	T813	Layshaft	1
31	T815	Layshaft first gear and bush	1
32	T762	Layshaft bush	2
33	T817	First gear bush (layshaft)	1
34	T821	Third gear (layshaft)	1
35	T822	Selector fork complete (layshaft)	1
37	T818	Second gear and bush (layshaft)	1
	T820	Bush for second gear (layshaft)	1
38	T814	Layshaft pinion	1
39	T763	Washer (crankcase—layshaft)	1
40	T758	Dowel for layshaft bushes (inter 12443–55)	2

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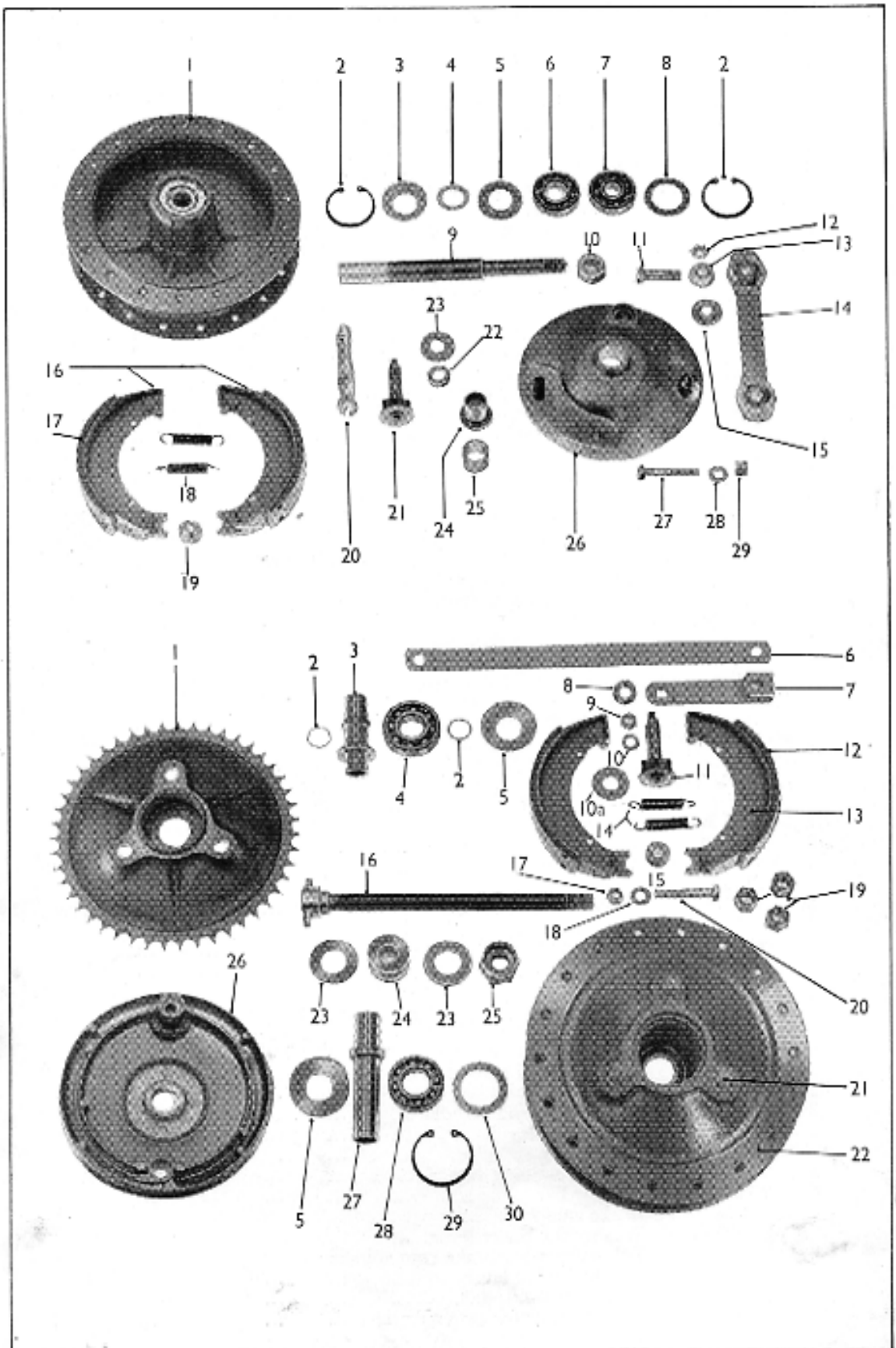
PLATE NO. 6 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
		FRONT FORKS, MUDGUARD AND FITTINGS	
	T1157	Front forks complete	1
1	**SN–34**	Nut for anchor bar bolt	1
2	**T1564**	Dust cover for anchor bar	4
3	**T1056**	Ball and bush for anchor bar	2
6	**T1585**	Anchor bar c/w ball and bush	1
7	**T1159**	Bolt securing anchor bar, front	1
	SN–34	Bolt for **T1159** bolt	1
8	**SN–37**	Nut for cover plate screw	2
9	**T1055**	Screw for **T1034** and **T1035** cover plate	2
	T1116	Rubber for **T1055** screw	2
10	**T1054**	Pinch bolt for L/S suspension lever	1
11	**TW–20**	Plain washer	1
12	**SN–42**	Nut for **T1054** pinch bolt	1
13	**T1049**	Suspension lever pivot bolt	2
	SN–34	Nut for **T1049** pivot bolt	2
14	**T1001**	Suspension lever L/S	1
15	**T1053**	Bush for suspension lever	8
16	**T1061**	Damper unit complete	2
	T1033	Spring for damper unit	2
17	**T1061/2**	Centre cap, damper top	2
18	**T1061/1**	Damper nut, top fixing	2
19	**UN1/5F**	Nut for mudguard bolt **UN5/14F**	1
	TSW–5	Shakeproof washer for **UN1/5F** nut	1
20	**UN5/14F**	Bolt, mudguard, front section to crown	1
22	**UN5/10F**	Bolt, for mudguard, rear section	1
	TSW–5	Shakeproof washer for **UN5/10F** bolt	1
23	**T1061/3**	Outer cap for damper top	4
24	**T1061/4**	Rubber for damper top	4
	T1125	Front damper cover ... ... Arrow	2
25	**TW–17**	¼" Plain washer	8
26	**UN4/8F**	Bolt, mudguard to fork bracket	8
	TW–17	Plain washer for **UN4/8F** bolt	8
	TSW–4	Shakeproof washer for **UN4/8F** bolt	8
	SN–37	Nut for **UN4/8F** bolt	8
27	**T1061/5**	Distance tube for damper top	2
28	**T1051**	Bearing distance piece (long)	2
30	**T1040**	Distance piece for R/S suspension lever	1
31	**T1000**	Front suspension lever R/S	1
32	**UN2/6F**	Nut for fork end bolt	2
	TSW–7	Shakeproof washer for fork end bolt	2
34	**T1052**	Bearing distance piece (short)	2
35	**T1050**	Bolt for fork end	2
36	**T1039**	Handlebar lock ... ... Leader	1
37	**D8–21**	Nut for steering column (inter 4835–36)	2
38	**T1017**	Dust cover for steering head race	1
39	**D10–2**	Cone for steering head ball race (top) (inter 4818–31)	1
40	**D10–137**	Ball race for frame head lug (top) (inter 4820–36) ...	1
41	**T1044**	Bottom steering head cone	1
42	**T1043**	Ball race for frame head lug (bottom)	1
	S9–2	Steel ball for head races (23 for bottom race, 20 for top race)	43
	T1126	Handlebar bracket ... ... Arrow	1
	T1111	Pinch bolt for **T1126** bracket ... ... Arrow	1
	T1128	Handlebar clamp ... ... Arrow	2
	T1129	Bolt for **T1128** clamp ... ... Arrow	4
	TSW–5	Shakeproof washer for **T1129** bolt ... ... Arrow	4
	UN1/5F	Nut for **T1129** bolt ... ... Arrow	4
	T1130	Cover for handlebar stem ... ... Arrow	1
43	~~**T4021/1**~~	Front mudguard, rear section ~~A.~~ 1179	1
	T1034/1	Front fork cover plate L/S ... Sports Arrow	1

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PLATE NO. 6 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
44	T1034	Front fork cover plate L/S ... ... Leader	1
	T1034/F	Front fork cover plate L/S ... ... Arrow	1
44	T1035	Front fork cover plate R/S ... ... Leader	1
	T1035/F	Front fork cover plate R/S ... ... Arrow	1
	T1035/1	Front fork cover plate ... ... Sports Arrow	1
45	T1161	Steering column and fork leg assembly	1
46	T1046	Rubber moulding	2
47	T1020/1	Mudguard, front section	1
	T1019	Front mudguard complete (front and rear section) ...	1
	T2610	Rubber grommet for fork leg	2
	T1156	Cover for anchor bar bracket	1
	UN2/5F	Nut for T1111 bolt	1

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PLATE 7 FRONT AND REAR HUBS AND FITTINGS



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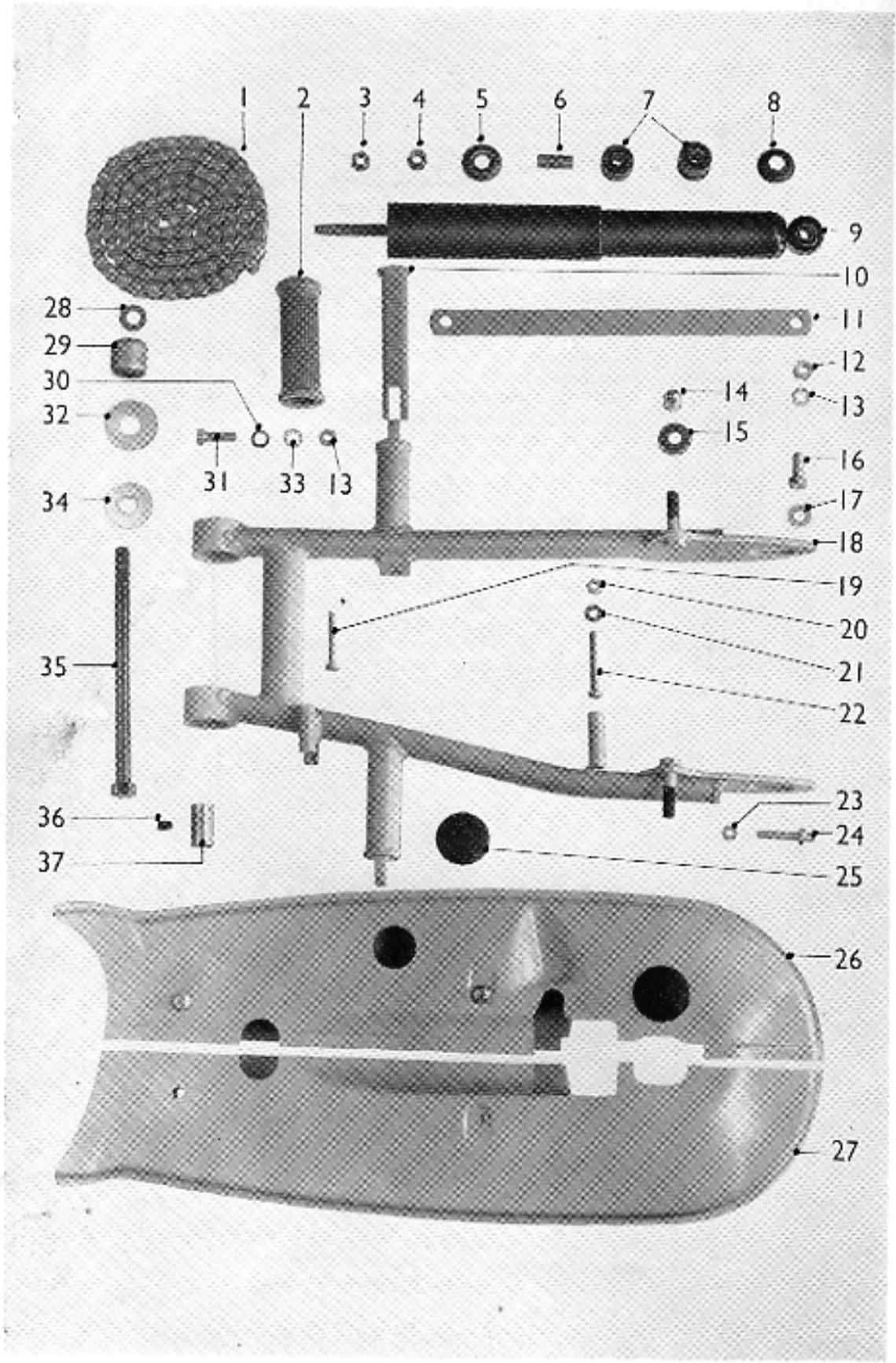
PLATE NO. 7 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
		FRONT WHEEL AND FITTINGS	
	T1578/1	Front wheel complete (less tyre and tube)	1
	T1579	Front hub, rim and spokes only, built up	1
1	T1573	Front hub only	1
2	T1509	Circlips for bearings	2
3	T1556	Grease retaining cup, L/S	1
4	T1513	Felt washer, L/S	1
5	T1557	Felt washer retaining cup, L/S	1
6	T1511	Hub bearing, L/S	1
7	T1510	Hub bearing, R/S	1
8	T1515	Grease retaining plate, R/S	1
9	T1516	Hub spindle	1
41518 10	T1518	Nut for hub spindle	1
	T1562	Grease plug for hub spindle	1
11	UN6/18F	Bolt securing anchor bar	1
12	SN–34	Nut for anchor bar bolt	1
13	T1056	Ball and bush for anchor bar	2
14	T1585	Anchor bar c/w ball and bush	1
	T1154	Anchor bar bracket	1
15	T1564	Dust cover for anchor bar	4
16	T1569/1	Brake shoe c/w lining	2
17	T1508	Brake lining c/w rivets	2
	T1588	Spring (brake shoe to brake plate)	2
18	C13–5	Brake shoe return spring (inter 4110–26)	2
19	T1568	Pivot for brake shoe	1
20	T1528	Front brake cam lever	1
21	T1523/1	Brake cam	1
	UN2/5F	Nut for brake lever	1
	T1575	Spring washer	1
22	T1529	Felt washer for cam spindle	1
23	C13–66	Washer for cam spindle (inter 4118-29)	1
24	T1517	Bush (hub spindle to brake plate)	1
25	T1522	Bush for brake plate	1
26	T1587	Front brake plate	1
	T1587/1	Front brake plate c/w brake shoes, etc.	1
	T1154	Anchor bar bracket	1
27	UN5/36F	Bolt for pivot	1
28	TW–20	Washer for pivot bolt	1
29	SN–42	Nut for pivot bolt	1
	T1520	Spoke	36
	T1520/1	Nipple for spoke	36
	T1519	Rim (WM2–16)	1
	T1562	Grease nipple for brake plate	1
	SN–34	Nut for anchor bolt	1
		REAR WHEEL AND FITTINGS	
	T1581/1	Rear wheel complete (less tyre and tube)	1
	T1582	Hub, rim and spokes only, built up	1
1	T1546/1	Rear chain sprocket	1
2	T1537	Circlip for fixed spindle	2
3	T1536	Fixed spindle	1
4	T1534	Bearing for sprocket	1
5	T1535	Grease retaining cup	2
6	T1552	Anchor bar	1
7	T1576	Brake cam lever	1
	T1577	Washer for brake lever	1
8	T1529	Felt washer for brake cam spindle	1
9	UN2/5F	Nut for brake lever	1
10	T1575	Spring washer	1
10A	4118–29	Plain washer for cam spindle	1

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PLATE NO. 7 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
11	T1523/1	Brake cam assembly	1
12	T1508	Brake lining c/w rivets	2
13	T1569/1	Brake shoe c/w lining	2
14	C13/5	Brake shoe return spring (inter 4110–26)	2
15	T1568	Pivot for brake shoe	1
16	T1538	Rear hub spindle	1
17	SN 42	Nut for pivot bolt	1
18	TW–20	Plain washer for pivot bolt	1
19	T1547	Spherical nut securing chain sprocket	3
20	UN5/28F	Bolt for pivot	1
21	C30/19	Brake drum drive stud	3
	4218–56	Peg securing C30/19 stud	3
22	T1584	Rear hub c/w studs only	1
23	T1545	Outside washer for hub spindle	2
24	T1543	Slip collar	1
25	T1542	Hub spindle nut	1
26	T1586	Rear brake plate	1
	T1586/1	Rear brake plate c/w shoes, etc.	1
	T1588	Spring, brakeshoe to brake plate	2
27	T1544	Ball race distance piece	1
28	T1511	Bearing for hub	1
29	T1509	Circlip for hub tube	1
30	T1515	Grease retaining plate	1
	T1519	Rim (WM2–16)	1
	T1520	Spoke	36
	T1520/1	Nipple for spoke	36
	T1562	Grease plug	1
	T1087	Bolt for anchor bar	1
	TW–25	Plain washer for anchor bolt	1
	SN–34	Nut (⅜" UNF/NT/D126) for anchor bar bolt	1
	SN–34	Nut for anchor bolt	1

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PLATE 8 REAR SUSPENSION AND REAR CHAINCASE



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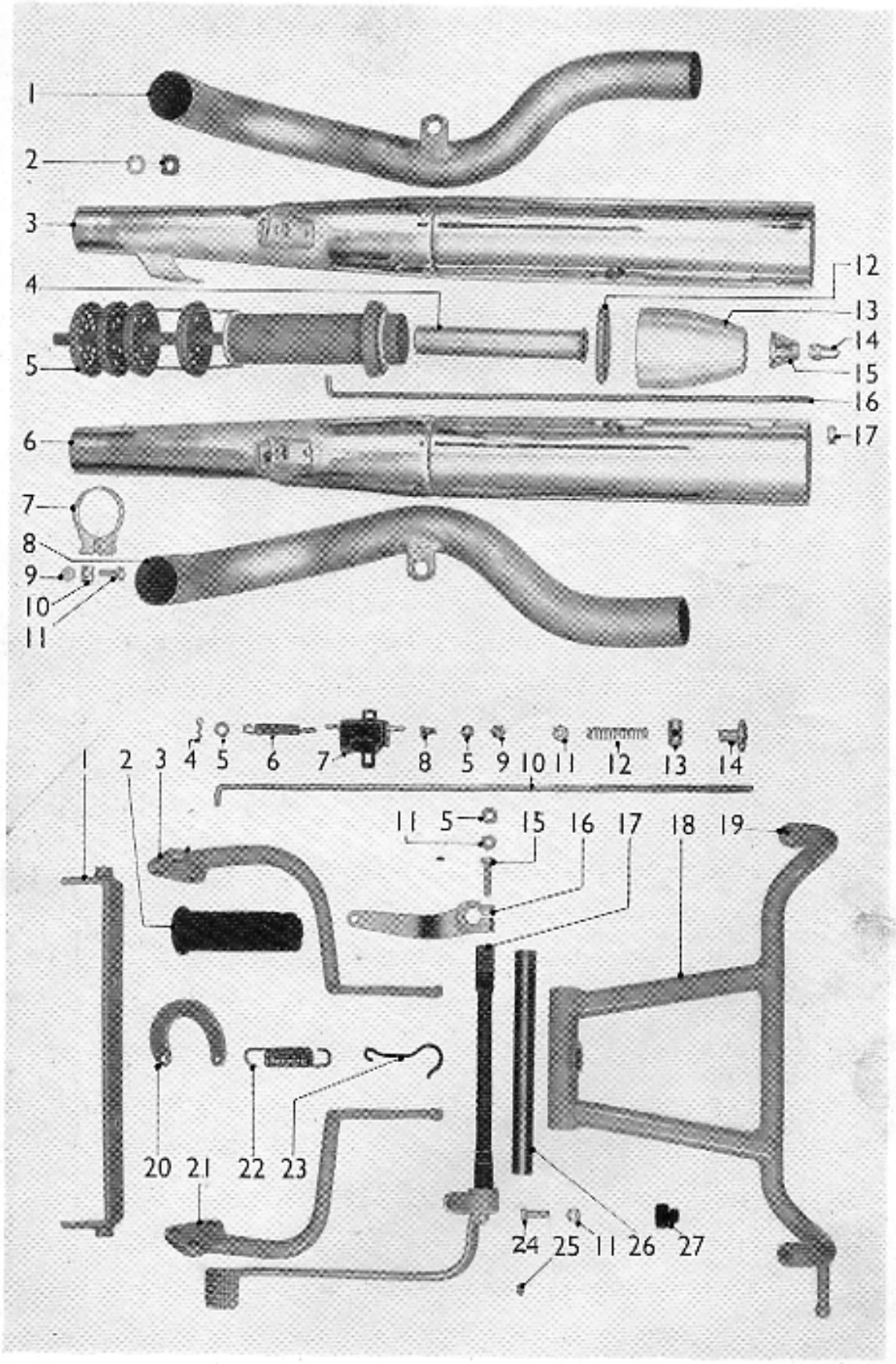
PLATE NO. 8 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
		REAR SUSPENSION AND REAR CHAINCASE	
1	**T2118**	Rear chain (½″ × ·305″ × 113 pitches)	1
2	**T2102**	Rubber pad for pillion footrest	2
4	**T1061/1**	Locknut for damper unit (top)	2
5	**T1061/3**	Outer cap for damper unit (top)	4
6	**T1061/5**	Distance tube for damper unit (top)	2
7	**T1061/4**	Rubber for damper unit (top)	4
8	**T1061/2**	Centre cap for damper unit (top)	2
	T1078	Spring for rear damper unit	2
	T1123	Supplementary spring for rear damper unit	2
	T1124	Seating washer for **T1123** spring	4
9	**T1062**	Rear damper unit	2
10	**T1112**	Pillion footrest only	2
	T2129	Pillion footrest and rubber pad	2
11	**T1552**	Rear brake plate anchor bar	1
12	**SN–34**	Nut for anchor bar bolt	1
13	**TW–25**	Plain washer	1
14	**T1066**	Nut for damper unit fixing bolt (bottom)	2
15	**T1564**	Dished washer for **T1066** nut	2
16	**T1087**	Bolt for anchor bar	1
17	**TW–25**	Plain washer for **T1087** bolt	2
18	**T1073**	Pivoted rear fork assembly c/w flexible bushes ...	1
19	**T2111**	Screw, chaincase front fixing	2
20	**UN1/4F**	Nut for chaincase screw	4
21	**TW–17**	¼″ plain washer	8
22	**T2112**	Screw, chaincase rear fixing	2
23	**UN2/4F**	Rear chain adjuster locknut	2
24	**T2093**	Rear chain adjuster	2
25	**5775–56**	Rubber grommet for rear chaincase	2
26	**T2000/1**	Rear chaincase, top half	1
27	**T2000/2**	Rear chaincase, bottom half	1
	T2000	Rear chaincase complete (two halves)	1
28	**T74**	Thrust washer for pivot bolt	1
29	**T1074**	Flexible bearing for pivoted rear forks	2
30	**A8–103**	Shim washer for pillion footrests (inter 344A–38) ...	2
31	**UN5/14F**	Bolt for pillion footrest	2
	UN2/5F	Nut for **UN5/14F** bolt	2
32	**T1093**	Distance washer for pivot bolt	2
33	**TSW–5**	$\frac{5}{16}$″ shakeproof washer	2
34	**T1094**	Distance piece for pivot bolt	1
35	**T38**	Pivot bolt for rear fork assembly	1
36	**T102**	Socket set screw for distance tube	1
37	**T73**	Distance tube	2
	T1114	Pivot bolt locking plate	1
		REAR MUDGUARD AND FITTINGS	
	T2113	Rear mudguard ... ... Leader	1
	T2175/1	Rear mudguard (front section) ... ... Arrow	1
	UN4/8F	Bolt for mudguard, bottom fixing	2
	UN1/4F	Nut for **UN4/8F** bolt and **T2593** screw	2
	UN4/6F	Bolt for mudguard, top fixing	1
	T2204	Wing piping (frame—tail section) ... ... Arrow	1
	T2174	Rear mudguard (tail section) ... ... Arrow	1
	T2207	Screw, mudguard to frame ... ... Arrow	2
	SN–32	Nut for **T2207** screw ... ... Arrow	2
	5647–55	Rear number plate ... ... Arrow	1
	5650–53	Rubber beading for number plate ... ... Arrow	1

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PLATE NO. 8 Ref. Nos.	PART NO.	DESCRIPTION OF PART		NO. PER SET
	5672–56	Bolt for number plate (SSO/1723)	... Arrow	2
		Nut (SNJ/1761/17/9) for **5672–56** bolt ...	... Arrow	2
	5611–55	Mounting plate for rear lamp	... Arrow	1
	T2596	Badge (Ariel)	... Arrow	1
	T2606	Bezel for badge	... Arrow	1
	T2195	Lifting handle	... Arrow	2
	T2593	Screw for lifting handle	... Arrow	2
	T2195/1	Lifting handle	Sports Arrow	2

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PLATE 9 EXHAUST PIPES, SILENCERS, BRAKE PEDAL, FOOT-REST AND CENTRE STAND

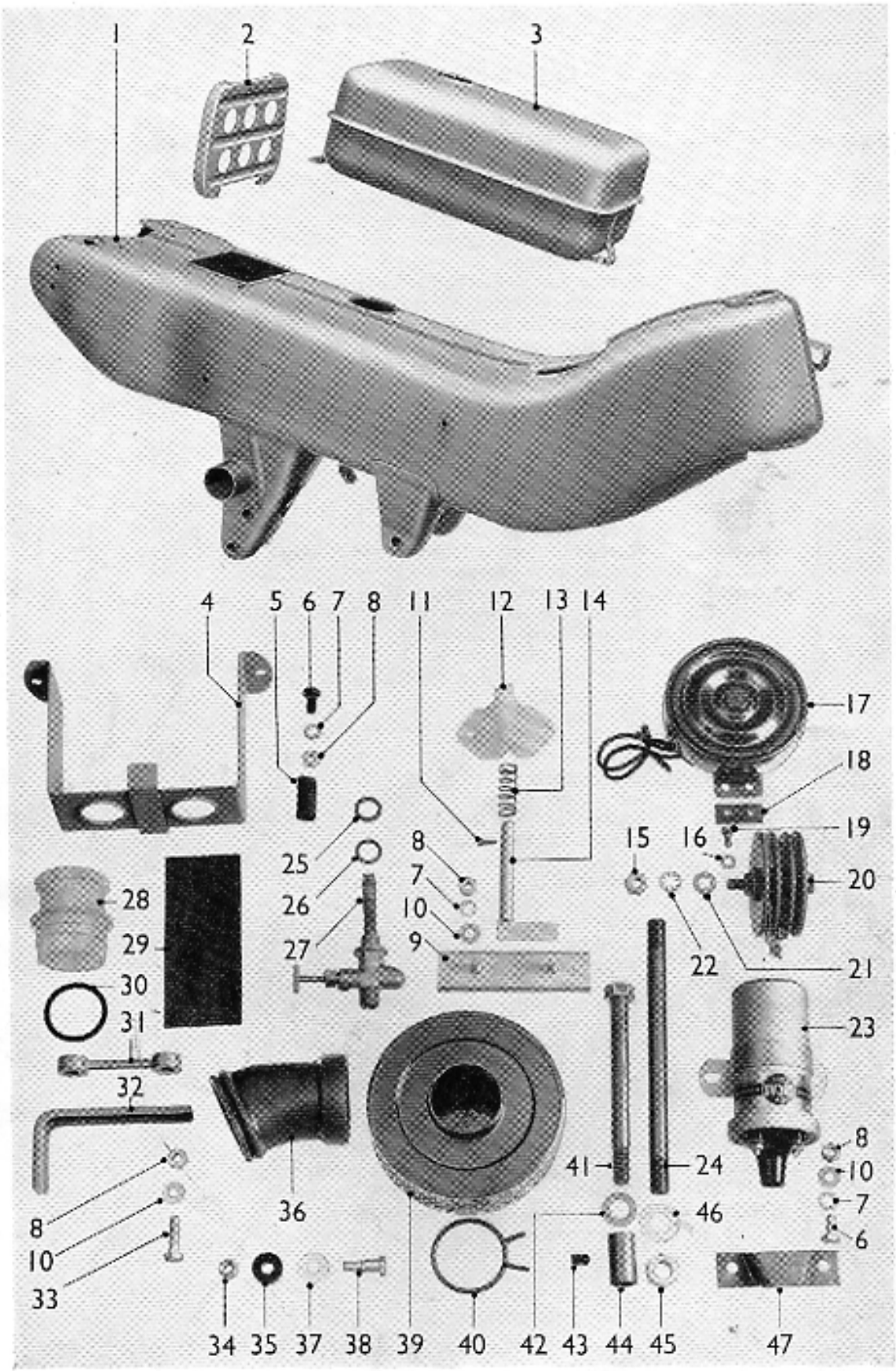


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PLATE NO. 9 Ref. Nos.	PART NO.	DESCRIPTION OF PART		NO. PER SET
		EXHAUST PIPES AND SILENCERS		
1	T2114	Exhaust pipe, R/S	Leader	1
	T2165/1	Exhaust pipe, R/S	Arrow	1
2	T2140	Nut for silencer		2
3	T2028	Silencer body, R/S	Leader	1
	T2117	Silencer body	Arrow	2
	T2026	Silencer complete, R/S	Leader	1
	T2190	Silencer complete	Arrow	2
4	T2037	Tube (silencer end)		2
5	T2160	Silencer baffle		2
6	T2029	Silencer body, L/S	Leader	1
	T2027	Silencer complete, L/S	Leader	1
	T2172/K	Silencer bracket, R/S	Arrow	1
	T2173/K	Silencer bracket, L/S	Arrow	1
7	T2046	Clip for silencer-exhaust pipe joint	Leader	2
	T2046/K	Clip for silencer-exhaust pipe joint	Arrow	2
	T2593/K	Screw for silencer bracket to tail piece	Arrow	4
8	T2115	Exhaust pipe, L/S	Leader	1
	T2166/1	Exhaust pipe, L/S	Arrow	1
9	UN1/4F	Nut for **T2101** pin and **T2593** screw		4
10	E8 578	Swivel piece for **T2046** clip (inter 6072–29)		2
11	T2101	Pin for **T2046** clip		2
12	T2126	Sealing ring for silencer end cover		2
13	T2033	Silencer end cover		2
	T2033/F	Silencer end cover	Arrow	2
14	T2035	Domed nut securing silencer end cover		2
15	T2034	End piece for end cover		2
16	T2038	Centre fixing rod for silencer		2
17	UN2/4F	Locknut securing silencer end piece		2
		FOOTREST, BRAKE PEDAL, CENTRE STAND AND FITTINGS		
1	~~12551/1~~	Bracket, fixing side panels to crankcase	Leader	1
	UN5/10C	Bolt securing bracket to crankcase	Leader	2
2	T2060	Footrest rubber pad		2
3	T2170	Footrest, R/S		1
4	T2120	Split pin for brake rod		*1
5	T2110	Plain washer for brake rod		1
6	T3010	Spring for stop lamp switch		1
7	T3018	Rear stop light switch		1
	T2194	Bracket for stoplight switch		1
8	T1081	Screw fixing stop lamp switch		2
9	SN–32	Nut for **T1081** screw		2
10	T2098	Rear brake rod		1
11	UN1/4F	Nut for brake rod		1
12	T2119	Spring for rear brake rod		1
13	T2121	Swivel pin for rear brake lever		1
14	T2100	Rear brake rod adjusting nut		1
15	UN4/20F	Bolt for brake pedal lever		1
	UN1/4F	Nut for **UN4/20F** bolt		1
16	T2021	Lever for brake pedal		1
17	T2078	Rear brake pedal and spindle		1
18	T2080	Centre stand	Leader	1
	T2176	Centre stand	Arrow	1
20	T2002	Connecting link		1
21	T2171	Footrest, L/S		1
22	T2085	Spring for centre stand		1
23	T2086	Connecting hook for centre stand spring		1
24	UN4/12F	Bolt for brake pedal stop plate		1
	UN1/4F	Nut for **UN4/12F** bolt		1
25	T1562	Grease nipple		1
26	T2104	Pivot tube for brake pedal spindle		1
27	T2087	Rubber stop for centre stand		1

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PLATE 10 FRAME AND FITTINGS



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PLATE NO. 10 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO PER SET
		FRAME AND FITTINGS	
1	T2066/1	Frame c/w steering head cups ... ... Leader	1
1	T2164/1	Frame, c/w steering head cups ... ... Arrow	1
2	T2075	Bulkhead for frame	1
3	T2161/1	Petrol tank complete	1
	T2163	Rubber washer, petrol tank front fixing	1
	T2162	Bolt, petrol tank front fixing	1
4	T2010	Battery carrier ... ... Leader	1
	T2167	Battery carrier ... ... Arrow	1
5	T2138	Rubber covering tube for battery carrier (¾" long) ...	2
	T2188	Fibre insulating plate for battery carrier ... Arrow	1
6	UN4/8F	Bolt, securing battery carrier	2
	UN4/8F	Bolt, securing bulkhead	6
	UN4/8F	Bolt, securing rear mudguard	2
8	UN1/4F	Nut for battery carrier securing bolt	2
	UN1/4F	Nut for steering stop bolt ... ... Leader	2
	UN4/8F	Bolt for steering stop and **T2675** bracket	2
9	T2614/1	Bottom plate for steering lock bracket on Leader model, and support bracket on Arrow	1
10	TW–17	¼" plain washer	2
11	T2088	Pin for steering lock plunger ... ... Leader	1
12	T2059	Steering lock bracket ... ... Leader	1
13	T2089	Spring for steering lock plunger ... Leader	1
14	T2092	Steering lock plunger ... ... Leader	1
15		⅛" B.S.F. nut securing rectifier	1
16	TSW–5	Shakeproof washer	2
17	T3039	Electric horn ... ... Leader	1
	T3058	Electric horn ... ... Arrow	1
18	T2099	Tapped plate for horn bracket	1
	T2169	Horn bracket ... ... Arrow	1
19	T2103	Bolt securing horn	2
20	T3016	Rectifier, complete	1
23	T3001	Coil complete	2
	SS–6	Bolt securing coil to frame	4
	SN–47	Nut for SS–6 bolt	4
	TW–17	Washer for SS–6 bolt	4
	UN1/4F	Nut for **T2059** bracket ... ... Leader	2
24	T81	Stud, front engine mounting	1
25	A6–58	Fibre washer for petrol tap (inter 197–36)	1
26	T2096	Washer for petrol tap	as req.
	T2208	Petrol tap with reserve ... ... Arrow	1
27	T2094	Petrol tap ... ... Leader	1
	T2191	Petrol tap ... ... Arrow	1
	T2095	Petrol pipe complete	1
28	T2063/1	Petrol tank filler cap complete	1
29	T2108	Rubber mat for battery carrier	1
30	T2097	Rubber ring for petrol tank filler cap	2
	T2192	Washer for **T2186** bracket ... ... Arrow	4
31	T2077	Distance piece for rear suspension bracket	2
32	T2012	Bracket, R/S securing rear of outer shell to frame Leader	1
	T2186	Support bracket, frame to outer shell ... ... Arrow	4
32	T2076	Bracket L/S securing rear of outer shell to frame Leader	1
33	UN4/18F	Bolt securing **T2012** and **T2076** to frame Leader	4
34	SN–39	Nut for petrol tank fixing bolt (rear)	2
35	T2062	Rubber washer for petrol tank mounting	5
36	T108	Air cleaner rubber connection	1
37	TW–21	Plain washer for tank fixing bolt	3
38	T2061	Petrol tank fixing bolt (rear)	2
	T36/6	Air cleaner complete ... ... Arrow	1

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PLATE NO. 10 Ref. Nos.	PART NO.	DESCRIPTION OF PART		NO. PER SET
39	T36	Air cleaner complete	Leader	1
	T36/7	Air cleaner complete	Sports Arrow	1
	~~T36/1~~	Element for air cleaner	Leader and Arrow	1
40	T119	Clip for air cleaner		1
41	T39	Bolt, for engine rear mounting		1
	T123	Spacer washer for T39 bolt, 12, 13, 14 gauge (state gauge required)		1
42	T74	Thrust washer for T38 bolt		1
43	T102	Socket set screw		2
44	T73	Distance tube for engine rear mounting bolt		2
45	UN1/8F	Nut for T81 stud		2
46	TW–32	Plain washer for T81 stud		2
	TSW–9	Shakeproof washer for T81 stud		3
47	T2007	Steering head stop		1
	T2593	Screw, securing suspension bracket to frame on Leader and front shell to frame on Arrow		4
	T2203	Clip, securing cables to frame	Arrow	2
	T2136	Clip, securing cables to frame	Leader	3
	T2136	Clip, cable-footrest stud	Arrow	1
	T2141	Rubber for cable clip		3
	T2142	Clip, securing cables to frame	Leader	1
	T2011	Bracket for rear suspension		1
	UN4/8F	Bolt for T2007 head stop	Leader	2
	UN4/8F	Bolt for T2186 bracket	Arrow	4
	T2193	Nut for UN4/8F bolt	Arrow	4
	T2658	Cup washer for dual seat rubbers	Arrow	4
	T2110	Spacer for T2658 cup washer	Arrow	3
	UN4/18F	Bolt, suspension bracket—cup washer	Arrow	4
	T2593	Screw, mudguard, bulkhead and lifting handles	Arrow	8
	T2672	Screw, lifting handle-suspension bracket ...	Arrow	2
	UN1/4F	Nut for T2672 screw		2
		REAR CARRIER		
	T2607	Rear carrier complete	Leader only	1
	T3618/1	Rear carrier complete	Arrow only	1
	T2585	Screw, rear carrier mounting	Leader	4
	T2593	Screw, for carrier	Arrow	4
	TW–17	Plain washer for T2585 screw		4
	TSW–4	Shakeproof washer for T2585 screw		8
	UN1/4F	Nut for T2585 screw and T2593 screw		4
	T2644	Luggage strap c/w hooks		2
		ACCESSORIES		
	T3534	Mirrors complete	Leader	1 pair
	T3534/1	Mirror complete R/S	Leader	1
	T3534/2	Mirror complete, L/S	Leader	1
	T1106	Smiths eight day clock	Leader	1
	T3626	Windscreen complete	Arrow only	1
	T3590C	Windscreen extension	Leader	1
	T2592	Nylon screw for extension	Leader	2
	T3609	Nylon nut for T2592 screw	Leader	2
	T3611/1	Rear bumper bar complete	Leader	1
	T3571	Waterproof cover for dual seat		1
		REAR LUGGAGE CONTAINERS		
	5635–59	Pannier cases c/w fittings (state colour)	Leader	2
	T3532	Holdall	Leader	2
	T3502	Pannier case c/w lid, R/S	Leader	1
	T3519	Bracket for R/S pannier	Leader	1

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PLATE NO. 10 Ref. Nos.	PART NO.	DESCRIPTION OF PART		NO. PER SET
	T3503	Pannier case c/w lid, L/S	Leader	1
	T3520	Bracket for L/S pannier	Leader	1
	T3517	Top bracket for **T3519** and **T3520** bracket	Leader	2
	T3518	Bottom bracket for **T3519** and **T3520** bracket	Leader	2
	T3533	Lock c/w key for pannier lid	Leader	2
	T3610	Rivet for lock	Leader	4
	T3538	Rubber beading for pannier lid	Leader	2
	T2610	Rubber grommet for panniers	Leader	4
	T2646/1	Beading for pannier (rear)	Leader	2
	T2633	Grommet for pannier	Leader	4
	UN4/10F	Bolt securing pannier brackets to outer shell	Leader	8
	UN4/8F	Bolt securing pannier to tail cover ...	Leader	2
	UN4/14F	Bolt securing pannier to tail cover, front fixing	Leader	2
	UN4/16F	Bolt securing pannier to tail cover, centre fixing	Leader	2
	E8–780	Distance piece for **UN4/16F** bolt ...	Leader	2
	T3565	Distance piece for **UN4/14F** bolt	Leader	2
	UN1/4F	Nut	Leader	14
	UN5/8F	Bolt for bottom bracket fixing	Leader	2

FRONT STAND

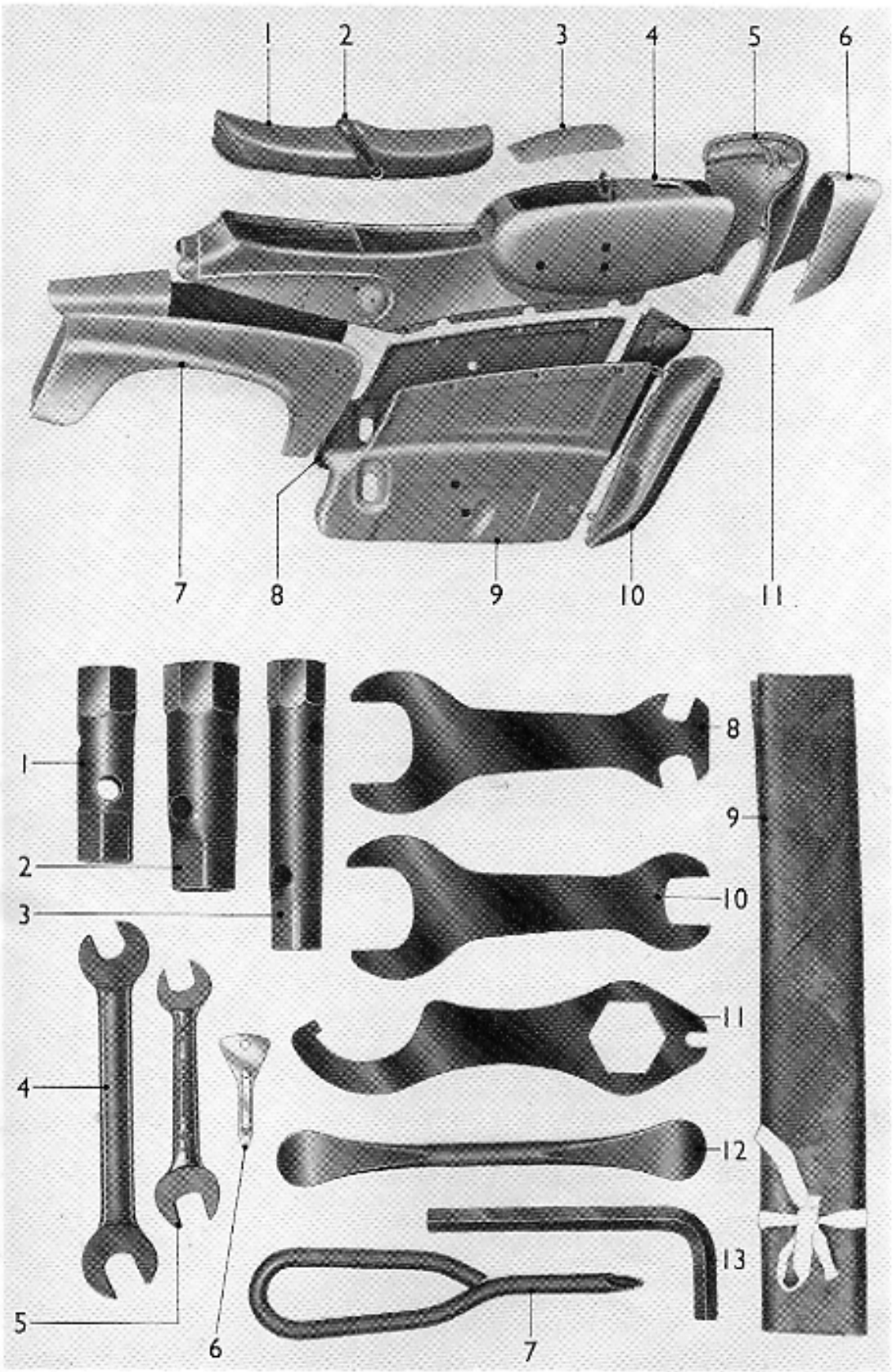
	T2151	Front stand complete		1

PROP STAND

	T2107	Prop stand complete	Leader	1
	T2107/1	Prop stand complete	Arrow	1
	E9–1375	Spring for stand (inter 2461–52)		1
	T2197	Bracket for prop stand	Arrow	1
	UN6/14F	Bolt securing prop stand to crankcase ...	Leader	2
	UN6/14F	Bolt, bracket to stand and bracket to crankcase	Arrow	4
	TSW–7	$\frac{7}{16}$" Shakeproof washer		2
	UN4/12F	Bolt, footrest—prop stand stop		1
	UN1/4F	Nut for **UN4/12F** bolt		2
	UN1/6F	Nut, prop stand-bracket	Arrow	2

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PLATE 11 SIDE PANELS, BODY, DUAL SEAT AND TOOL KIT



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PLATE NO. 11 Ref. Nos.	PART NO.	DESCRIPTION OF PART		NO. PER SET
		SIDE PANELS, BODY AND DUAL SEAT		
1	T2577	Dual seat complete	Leader	1
	T2670	Dual seat complete	... Arrow	1
2	T2594	Grab handle complete for dual seat		1
	T2665	Rubber pad fixed to dual seat base ...	... Arrow	1
	5060–57	Dual seat mounting rubber	... Arrow	4
	T2659	Bracket for dual seat hinge	... Arrow	3
	T2662	Packing piece for **T2659**	... Arrow	2
	T2660	Link hinge	... Arrow	2
	T2510	Spring clip	... ...	2
	T2679	Screw, fixing grab handle	Leader	2
	T2183	Screw for tool box lid	... Arrow	1
	T2182	Spring retaining tool box lid	... Arrow	1
	T1116	Rubber washer for **T2183** screw ...	... Arrow	1
	T2180	Lid for tool box (state colour)	... Arrow	1
	T2180/1	Lid for tool box	Sports Arrow	1
3	T2517	Lid for outer shell (state colour) ...	Leader	1
	SS–4	Screw for lid hinge	Leader	2
	SN–30	Spire nut for **SS–4** screw	Leader	2
	T2562	Rubber beading for outer shell lid ...	Leader	1
	T2181	Rubber beading for tool box lid ...	... Arrow	1
	T2677	Stop strap for dual seat	... Arrow	1
4	T2500	Outer shell (state colour)	Leader	1
	T2178/1	Front shell (state colour)	... Arrow	1
	T2610	Rubber buffer, outer shell to dual seat base	Leader	6
	T2675	Support bracket (frame to shell) ...	... Arrow	2
	T2657	Badge for front shell	... Arrow	2
	T2603	Grommet for badge	... ...	2
5	T2611	Front shield	Leader	1
	T3516	Licence holder complete	Leader	1
	T3620	Licence holder complete	... Arrow	1
	T3515	Rubber ring for licence holder	... ...	1
	T2666	Beading for outer shell	... Arrow	2
	T3620/1	Rubber moulding for **T3620** holder ...	... Arrow	1
4-3702 6	~~T2531/1~~	Headlamp cowl	Leader	1
	T1081	Screw, cowl—bottom fixing	Leader	2
	SN–32	Nut for **T1081**	... ...	2
	SN–37	Nut for **T2183** screw	... Arrow	1
7	T2505	Tail cover assembly	Leader	1
	T2588	Wing nut for tail cover bracket	Leader	2
8	T2519	Side panel, L/S	Leader	1
9	T2518	Side panel, R/S	Leader	1
10	T2549	Leg shield, R/S	Leader	1
11	T2550	Leg shield, L/S	Leader	1
	T2618	Badge (Leader) c/w rivets	... ...	1
	T2610	Rubber grommet, tail cover-bridge ...	... ...	8
	T2610	Rubber grommet for front shield ...	Leader	2
	T2633	Rubber grommet for front shield ...	Leader	4
	T2620	Lining for glove box R/S	Leader	1
	T2621	Lining for glove box L/S	Leader	1
	T2137	Lining for glove box (centre)	Leader	1
	T2137	Lining for frame hatch	... Arrow	1
	T2152	Clip for **T2137**	... ...	2
	T2641	Support bracket, L/S for outer shell ...	Leader	1
	T2642	Support bracket, R/S for outer shell ...	Leader	1
	T2647	Striker plate for outer shell	Leader	1
	T1081	Screw for **T2647**	Leader	1
	TW–10	Plain washer	Leader	1
	SN–32	Nut for **T1081** screw	Leader	1
	T2634	Latch assembly complete for dual seat ...	Leader	1
	T2637	Locking bracket for latch	Leader	1

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PLATE NO. 11 Ref. Nos.	PART NO.	DESCRIPTION OF PART		NO. PER SET
	T2673	Screw for bracket	Leader	2
	T2638	Operating wire for latch	Leader	1
	T2648	Rubber grommet (fitted in outer shell for T2638 wire)	Leader	1
	T2109	Rubber grommet for clutch, brake and rear lamp cables	Leader	3
	UN4/8F	Bolt for tail cover bracket	Leader	2
	T77	Fibre washer for T2183 screw	... Arrow	1

TOOL KIT

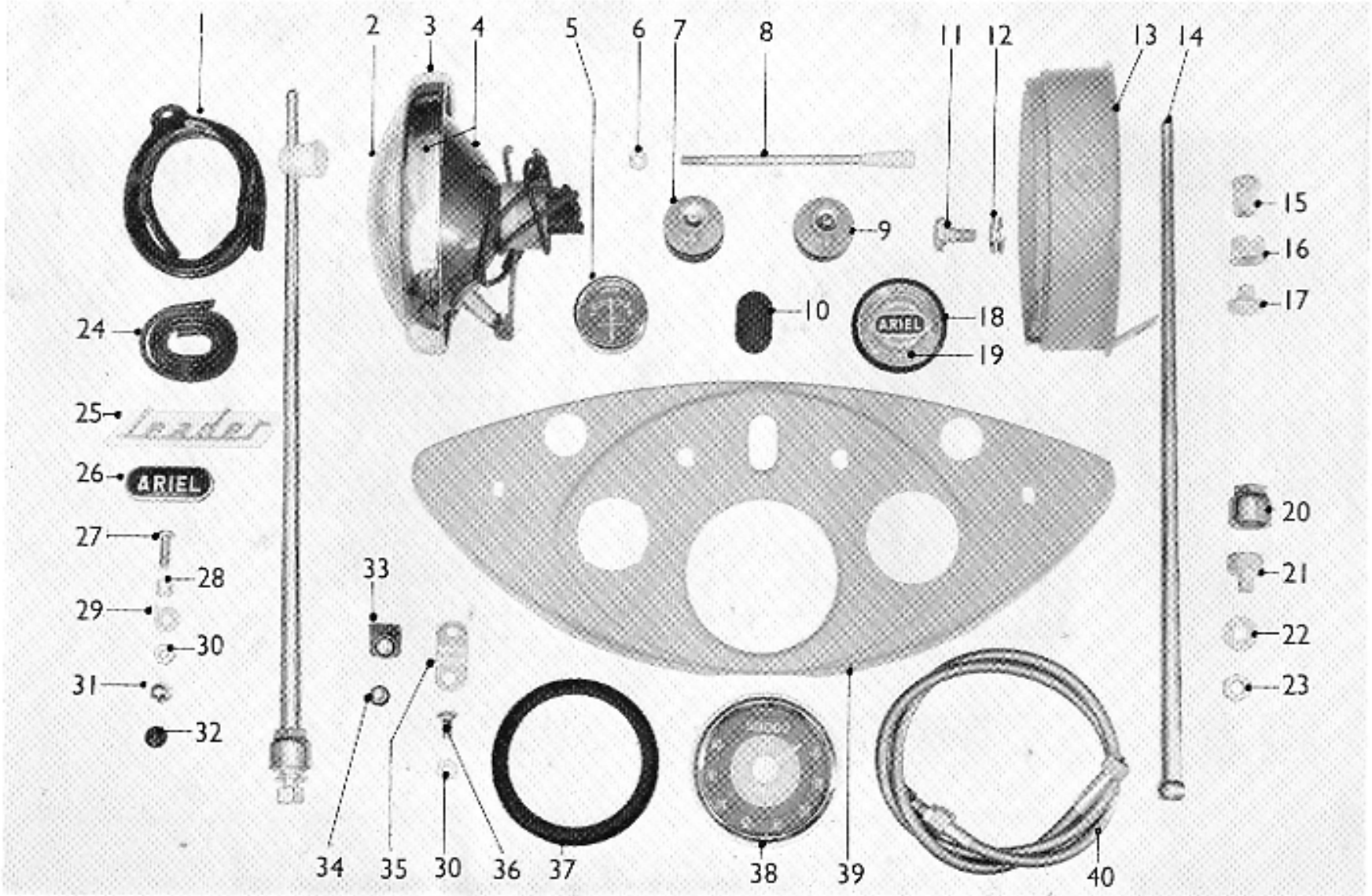
	T3529	Set of tools in tool bag	1
1	T3525	Double ended tube spanner	1
2	T3524	Double ended tube spanner	1
3	T3523	Double ended tube spanner	1
4	T3522	Double ended flat spanner	1
5	T3521	Double ended flat spanner	1
6	T3559	Screwdriver and feeler gauge	1
7	T3530	Screwdriver	1
8	T3526	Combination spanner	1
9	T3528	Tool bag	1
10	T3527	Double ended flat spanner	1
11	T3500	Combination spanner	1
12	6625-26	Tyre lever	1
13	T3501	Wrench for cylinder head bolt	1
	T3557	Peg for ignition timing	1
	T3558	Peg for front wheel removal	2
	T3562	Spanner for carburetter	1
	T3563	Spanner for petrol pipe nut and handlebar cover nut	1
	6636-54	Tyre inflator (12")	1
	T3624/1S	Front wheel spindle withdrawal tool complete ...	1

Note:—Set of tools does not include tyre inflator or T3624/1S withdrawal tool.

SERVICE TOOLS FOR WORKSHOP USE

T3569S	Engine service tool kit
T3572S	Bearing removal and replacement kit
T3592S	Oil seal and bush extractor and fitting kit

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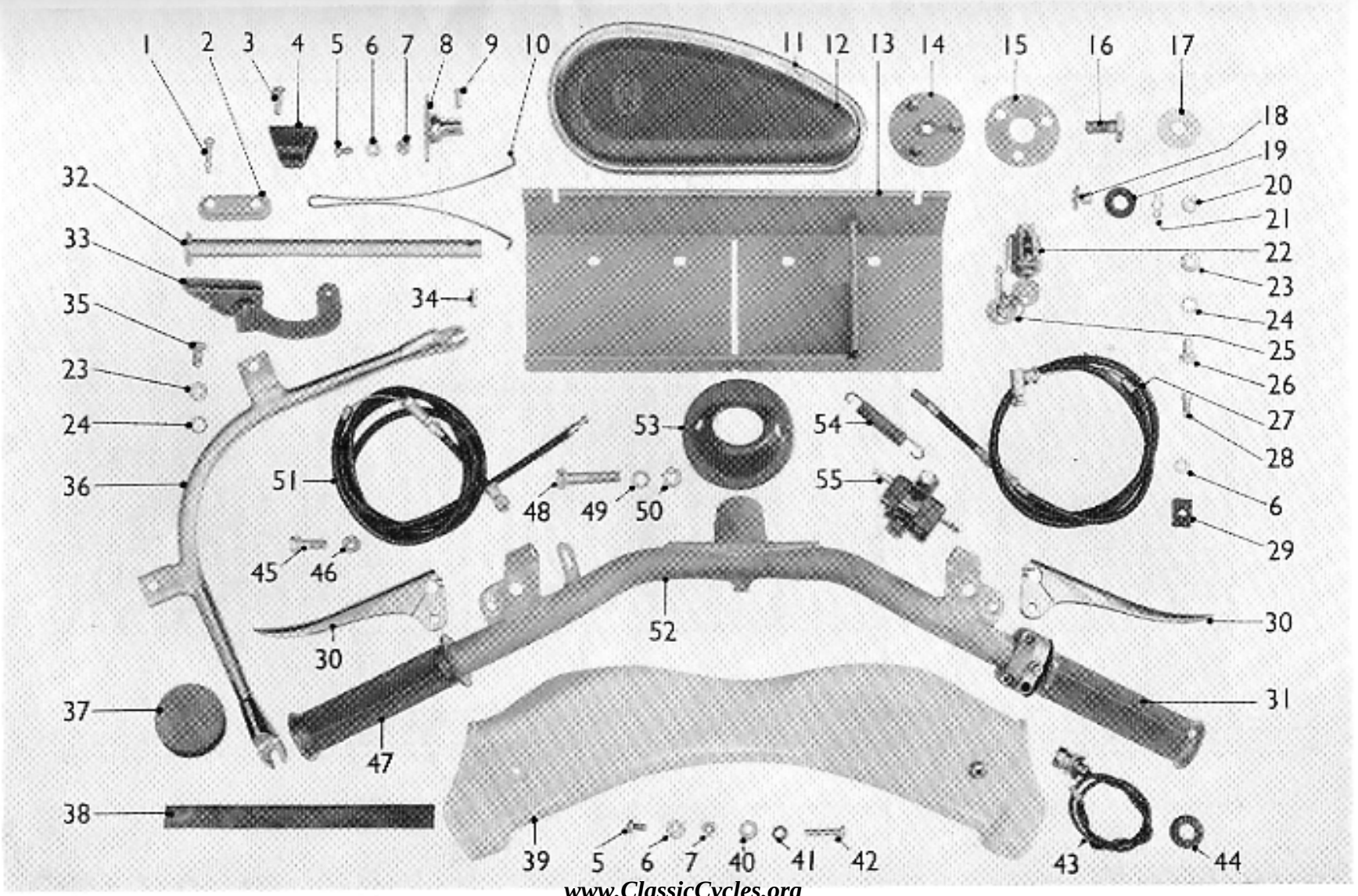
HEADLAMP, WINDSCREEN AND INSTRUMENT PANEL

PLATE NO. 12 Ref. Nos.	PART NO.	DESCRIPTION OF PART		NO. PER SET
1	T2601	Beading for headlamp cowl	Leader	1
2	516828	Light unit	Leader	1
3	54520003	Headlamp rim	Leader	1
4	T3000	Headlamp complete	Leader	1
	T3055	Headlamp (less speedometer and switches)	... Arrow	1
5	T3002	Ammeter		1
6	UN2/4F	Locknut for trimmer rod	Leader	2
7	T3003	Ignition switch (Lucas)		1
8	T2600/1	Trimmer rod complete	Leader	1
9	T3004	Lighting switch (Lucas)		1
10	T2556	Rubber grommet (fitted on instrument panel) for trimmer rod	Leader	1
11	T2554	Bolt for headlamp mounting	Leader	2
	T3059	Bolt for headlamp mounting	... Arrow	2
12	S6–6	Thackeray washer for T2554 bolt		2
13	T3051	Headlamp shell (Lucas 517527)	Leader	1
14	T2580	Windscreen stay	Leader	2
	T3626	Windscreen complete	... Arrow	1
	T2532	Windscreen	Leader	1
	T1171	Flyscreen	Sports Arrow	1
	T2587	Nylon bolt assembly, fixing windscreen to stay (top)	Leader	2
	T1172/1	Bracket and clip complete for flyscreen	Sports Arrow	1
15	T2589	Eye bolt for windscreen top fixing ...	Leader	2
16	T2590	Socket for eye bolt	Leader	2
17	T2592	Screw for eye bolt	Leader	2
18	T2603	Grommet for Ariel badge on instrument panel	Leader	1
19	T2602	Ariel badge on instrument panel ...	Leader	1
20	T2583	Nut for windscreen stay fixing joint ...	Leader	2
21	T2582	Fixing joint for windscreen stay ...	Leader	2
22	TW–25	Plain washer for fixing joint	Leader	2
23	UN1/6F	Nut for fixing joint	Leader	2
	T2617	Rubber corner piece for windscreen ...	Leader	2
	T2535	Rubber beading, windscreen-frontshield joint	Leader	1
24	T2646	Rubber beading for instrument panel ...	Leader	1
25	T2604	Badge (Leader)		1
	T2605	Rivet for badge		4
26	T2596	Badge (Ariel) for front shield	Leader	1
	T2606	Bezel for badge	Leader	1
27	T2585	Screw securing windscreen to front shield	Leader	6
28	T2586	Distance piece for T2585 screw		6
	T3054	Distance piece for headlamp	Arrow only	2
29	TW–17	Plain washer for T2585 screw		8
	TW–20	Plain washer for T3054 R/S distance piece	Arrow only	1
	T3060	Plain washer for headlamp bolt T3059 ...	... Arrow	2
30	SN–37	Nut for T2585 screw		4
	UN1/4F	Nut for instrument panel fixing screw ...	Leader	2
31	T2615	Dome nut for T2585 screw	Leader	2
	T2615	Dome nut for T2593 flyscreen screw	Sports Arrow	2
	T77	Fibre washer	Sports Arrow	4
32	T2610	Rubber grommet for instrument panel ...	Leader	2
33	T3008	Warning light—neutral indicator ...	Leader	1
34	T3007	Warning light—flasher (amber lens) ...	Leader	1
35	T2625	Bracket, R/S, for instrument panel ...	Leader	1
	T2626	Bracket, L/S, for instrument panel	Leader	1
	UN4/8F	Bolt securing bracket to outer shell ...	Leader	2
36	T2593	Screw, securing bracket to panel ...	Leader	4
	T2593	Screw, fixing flyscreen to handlebar	Sports Arrow	2
	T1148	Rubber grommet for speedometer head	... Arrow	1
37	T2597	Rubber grommet for speedometer head	Leader	1

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PLATE NO. 12 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
38	T1109	Speedometer head (with trip) m.p.h. ... Leader	1
38	T1110	Speedometer head (with trip) k.p.h. ... Leader	1
	T1131	Speedometer head (m.p.h.) ... ... Arrow	1
	T1132	Speedometer head (k.p.h.) ... ... Arrow	1
39	T2530	Instrument panel only ... ... Leader	1
40	T1105	Speedometer cable complete (37" long)	1
	T2653	Grommet for windscreen ... ... Leader	2

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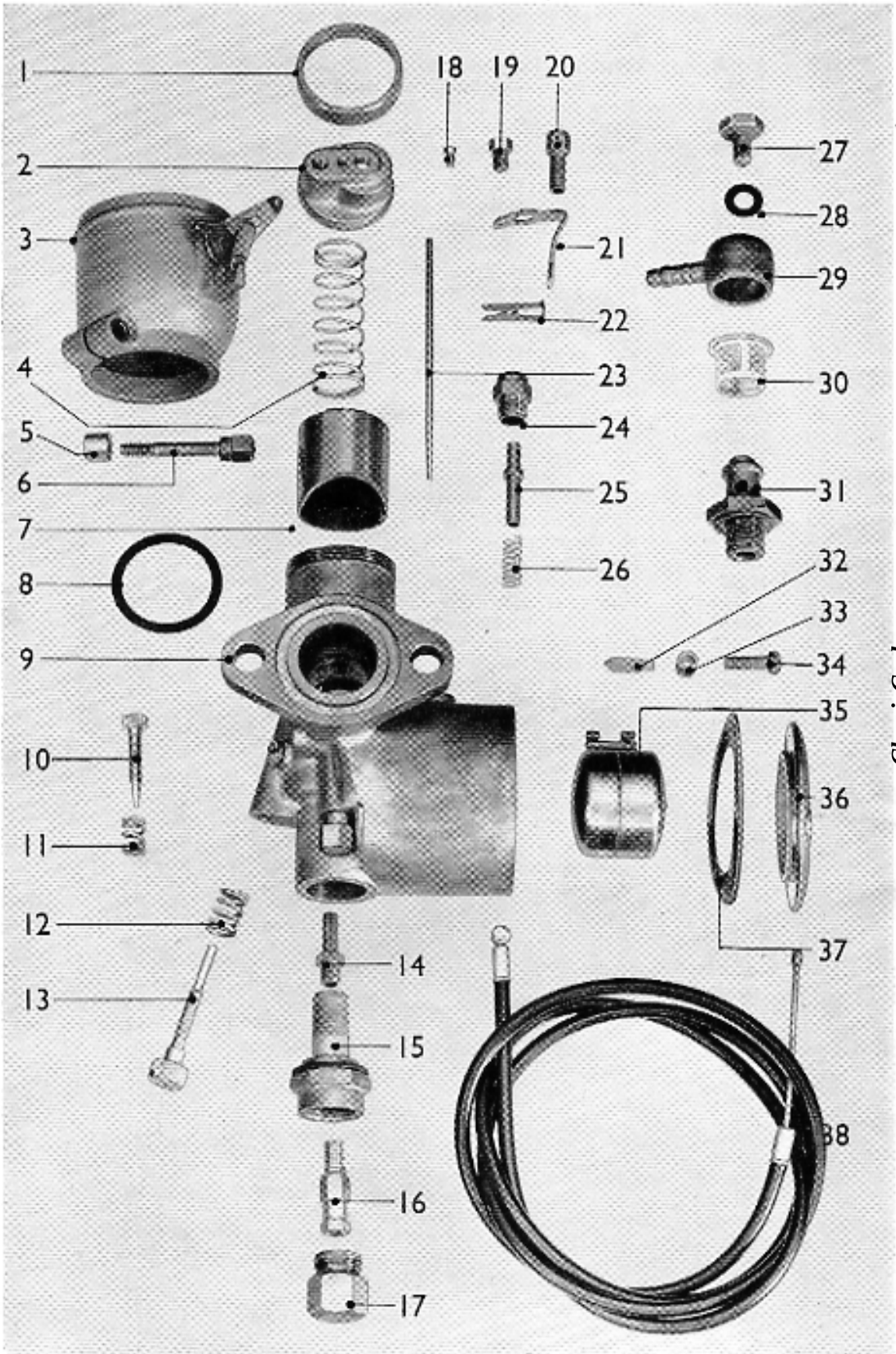
PLATE NO. 13 Ref. Nos.	PART NO.	DESCRIPTION OF PART		NO. PER SET
		TOOL BOX, KNEE GRIPS, HANDLEBAR CONTROLS, ETC.		
1	**T2678**	Screw for dual seat hinge	Leader	4
	T111	Washer for **T2678** screw	Leader	4
2	**T2566**	Spacer for dual seat hinge	Leader	2
3	**T2673**	Screw for dual seat clip	Leader	4
4	**T2510**	Clip for dual seat	Leader	2
5	**T1081**	Screw for dual seat mounting plate ...	Leader	4
6	**TW–10**	Washer for **T1081** screw		4
7	**SN–32**	Nut for mounting plate screw		4
8	**T2512**	Mounting plate for dual seat	Leader	2
9	**T2506**	Headed pin for link hinge	Leader	2
	T2650	Split pin		2
10	**T2629**	Spring for lifting handle	Leader	1
11	**T2543**	Knee grip motif L/S ...	Leader and Sports Arrow	1
11	**T2544**	Knee grip motif, R/S ...	Leader and Sports Arrow	1
12	**T2521**	Knee grip rubber, R/S		1
12	**T2522**	Knee grip rubber, L/S		1
	T2179	Tool box	Arrow	1
13	**T2122**	Tool box	Leader	1
	T2125	Sponge rubber for inside tool box ...	Leader	1
14	**T2539**	Threaded plate for tail cover swivel ...	Leader	2
15	**T2561**	Backing plate for **T2539** plate	Leader	2
16	**T2545**	Bolt for tail cover swivel	Leader	2
17	**T2568**	Washer for **T2545** bolt	Leader	2
	T2652	Distance piece for tail pivot	Leader	2
	5058–55	Washer for distance piece	Leader	2
18	**T2542**	Screw, fixing side panels	Leader	8
	T2649	Screw, fixing side panels (bottom rear) ...	Leader	2
19	**T2565**	Rubber washer for side panel screw ...	Leader	10
20	**UN1/4F**	Nut for threaded plate screw	Leader	6
21	**T2564**	Circlip for panel screw **T2542**	Leader	8
22	**T2573**	Lock complete with 2 keys for outer shell lid	Leader	1
25		Key for **T2573** lock (state key number when replacement required)	Leader	—
26	**UN4/6F**	Bolt securing outer shell to frame ...	Leader	4
	UN4/8F	Bolt fixing top legshield to outer shell and frame	Leader	2
27	**T1164**	Front brake cable complete	Leader	1
	T1165	Front brake cable complete	Arrow	1
28	**SS–4**	Screw securing hinge to lid of outer shell	Leader	2
29	**SN–30**	Spire nut for **SS–4** screw		2
	T1142	Clutch lever	Arrow	1
	T1141	Front brake lever	Arrow	1
30	**T1083**	Front brake lever	Leader	1
	T1167	Front brake lever	Sports Arrow only	1
30	**T1083**	Clutch lever	Leader	1
	T1168	Clutch lever	Sports Arrow	1
	T1152	Twist grip c/w lever, etc., complete ...	Arrow	1
	T1163	Clutch lever assembly, complete... ...	Arrow	1
31	**T1113**	Twist grip complete	Leader	1
	T1136	Twist grip	Arrow	1
	T1170	Twist grip rubber	Sports Arrow	1
32	**T2627**	Lifting handle	Leader	1
33	**T2529**	Link hinge for dual seat	Leader	2
34	**T2632**	Peg for lifting handle	Leader	1
	T2631	Spring for lifting handle (coil)	Leader	1
35	**T2593**	Screw for silencer support stay to tail cover	Leader	2
	UN1/4F	Nut for **T2593** screw		2
36	**T2042**	Silencer support stay	Leader	1
37	**T2574**	Rubber pad fixed to dual seat base ...	Leader	1
38	**T2536**	Sealing strip (rubber) 6" long, for leg shield	Leader	2
39	**T1077**	Handlebar cover	Leader	1

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PLATE NO. 13 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
40	**T1080**	Spacer for handlebar cover ... ... Leader	2
41	**T1082**	Fibre washer for handlebar cover screw Leader	3
42	**T1091**	Screw (long) for handlebar cover ... Leader	2
	SN–32	Nut for handlebar cover screw	2
43	**T3038**	Horn push and harness (Lucas)	1
44	**T2109**	Rubber grommet	3
	T1144	Nut for **T1143** screw ... ... Arrow	2
	T1143	Pivot screw for clutch and brake lever ... ... Arrow	2
45	**T1088**	Screw securing brake and clutch lever to handlebar Leader	2
46	**SN–39**	Nut for **T1088** screw ... ... Leader	2
	T1137	Twist grip rubber ... ... Arrow	1
47	**T1107**	Dummy grip	1
	T1169	Dummy grip ... ... Sports Arrow	1
48	**T1111**	Bolt for handlebar mounting ... ... Leader	1
	T1081	Screw for handle bar cover ... ... Leader	1
	SN–32	Nut for **T1081** screw	1
49	**S5–3**	Spring washer for **T1111** bolt	1
50	**UN2/5F**	Locknut for **T1111** bolt	1
51	**T1085**	Clutch cable complete ... ... Leader	1
	T1133	Clutch cable complete ... ... Arrow	1
	T1147	Handlebar (American type) export only ... Arrow	1
52	**T1042**	Handlebar only ... ... Leader	1
	T1166	Handlebar only ... ... Sports Arrow only	1
	T1127	Handlebar only ... ... Arrow	1
	H202	Split sleeve ... ... Arrow	1
53	**T2537**	Rubber grommet (handlebar to outer shell) Leader	1
54	**T3010**	Spring for front and rear stop lamp switch Leader	2
55	**T3019**	Front stop lamp switch ... ... Leader	1
	T3050	Bracket for switch ... ... Leader	1
	T1081	Screw for stop lamp switches ... ... Leader	2
	SN–32	Nut for **T1081** screw	2
	T2610	Rubber grommet (tail cover—bridge) ... Leader	8

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PLATE 14 CARBURETTER AND FITTINGS



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PLATE NO. 14 Ref. Nos.	PART NO.	DESCRIPTION OF PART	NO. PER SET
		CARBURETTER	
		Makers: AMAL LTD., Holdford Road, Witton, Birmingham 6	
	T131	Carburetter complete with cable, less controls (Amal 375/33) ... ... Except Sports Arrow	1
1	**375/065**	Mixing chamber cap	1
2	**375/064**	Mixing chamber top	1
3	**375/090**	Strangler complete	1
4	**375/061**	Throttle valve spring	1
5	**375/089**	Nut for strangler clamp screw	1
6	**375/088**	Strangler clamp screw	2
7	**375/060**	Throttle valve (3½)	1
8	**244/765**	Rubber seal for carburetter flange	1
9	**375/027**	Mixing chamber body	1
10	**332/017**	Air adjusting screw	1
11	**4/148**	Air adjusting screw spring	1
12	**376/069**	Throttle adjusting screw spring	1
13	**376/068**	Throttle adjusting screw	1
14	**376/072**	Needle jet (No. 105)	1
15	**376/073**	Jet holder	1
16	**376/100**	Main jet (No. 140)	1
17	**376/075**	Main jet cover	1
18	**4/241**	Mixing chamber cap spring screw	1
19	**4/137A**	Screw plug	1
20	**4/035**	Cable adjuster	1
21	**4/235**	Mixing chamber cap spring	1
22	**4/230**	Clip for needle	1
23	**375/063**	Taper needle	1
24	**343/011**	Tickler body	1
25	**376/086**	Tickler	1
26	**376/087**	Tickler spring	1
27	**376/091**	Banjo bolt	1
28	**376/092**	Washer for banjo bolt	1
29	**376/130**	Banjo	1
30	**376/093**	Filter gauze	1
31	**376/088**	Needle seating	1
32	**376/089**	Float needle	1
33	**376/094**	Float spindle bush	1
34	**376/079**	Float chamber cover screw	3
35	**376/083**	Float	1
36	**376/077**	Float chamber cover	1
37	**376/078**	Float chamber cover washer	1
38	**T1084**	Throttle cable complete	1
	375/059	Jet block complete	1
	376/070	Locating peg for jet block	1
	375/067	Jet block washer	1
	376/074	Jet holder washer	1
	376/076	Pilot jet (No. 30)	1
	376/095	Pilot jet cover nut	1
	116/162	Pilot jet cover nut washer	1
	T115/1	Rod for strangler ... ... Leader	1
	T132/1	Rod for strangler ... ... Arrow	1
	T133	Rubber grommet for strangler rod bracket ... Arrow	1
	T139	**Carburetter complete** with strangler (Amal 376/277) Sports Arrow only	
	376/100	Main jet 230 ... ... Sports Arrow only	
	376/072	Needle jet 105 ... ... Sports Arrow only	
	376/076	Pilot jet 30 ... ... Sports Arrow only	
	376/060	Slide 3½ ... ... Sports Arrow only	
	376/015	Carburetter body ... ... Sports Arrow only	
	376/064	Mixing chamber top ... ... Sports Arrow only	

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PLATE NO. 14 Ref. Nos.	PART NO.	DESCRIPTION OF PART	
	376/065	Mixing chamber cap	Sports Arrow only
	4/235	Mixing chamber cap spring	
	4/241	Mixing chamber cap spring screw	
	376/061	Throttle valve spring	Sports Arrow only
	376/063	Jet needle	Sports Arrow only
	4/230	Jet needle clip	
	376/068	Throttle adjusting screw	
	376/069	Throttle adjusting screw spring	
	332/017	Pilot air adjusting screw	Sports Arrow only
	4/148	Pilot air adjusting screw spring	
	376/057	Jet block complete	Sports Arrow only
	376/067	Jet block washer	Sports Arrow only
	376/073	Jet holder	
	376/074	Jet holder washer	
	376/075	Main jet cover	
	376/095	Pilot jet cover nut	
	116/162	Pilot jet cover nut washer	
	376/077	Side cover	
	376/078	Side cover washer	
	376/079	Side cover screw	
	376/083	Float complete	
	376/085	Float hinge spindle	Sports Arrow only
	376/094	Float spindle bush	
	376/086	Tickler	
	376/011	Tickler body	Sports Arrow only
	376/087	Tickler spring	
	376/088	Needle seating	
	376/089	Float needle	
	376/130	Banjo	
	376/091	Banjo bolt	
	376/092	Banjo bolt washer	
	376/093	Filter gauze	
	244/1048	Sealing ring	Sports Arrow only
	376/177	Strangler Assembly	Sports Arrow only
	4/137A	Plug for m/ch top	

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PART NO.		DESCRIPTION OF PART	
		ELECTRICAL EQUIPMENT	
		Makers: MESSRS. JOSEPH LUCAS LTD., Great King Street, Birmingham 19	
T3002	36084	**Ammeter** (CZU27)	
T3036	523986	Rubber beading for ammeter	
T3011	54021001	**Alternator** complete	
	423506	Rotor	
	468678	Stator	
	465918	Insulating pad	
	465717	Cable clip	
	186092	Screw for cable clip	
	128013	Washer for screw	
	465909	Nut	
	465910	Washer	
T3017	M1.9E	**Battery**	
T3015	047539	**Cam and contact breaker** complete	
T3012		Cam c/w bolt and circlip	
T3052		Circlip for contact breaker cam	
T3053		Bolt for fixing cam	
	169194	Nut, condenser and angle plate fixing	
	425382	Insulating plate	
	54410078	Contact set	
	425377	Condenser	
	425378	Lubricator felt	
	425370	Contact breaker base plate	
T3001	45077	**Coil (ignition)** (Lucas MA6) complete	
T3032	421554	Rubber grommet for coil connection	
T3031	421863	Clip, cable contact	
	166043	Terminal nut	
	188330	Shakeproof washer	
	131023	Plain washer	
T3039	70146	**Horn** (HF1849)	Leader
T3058	70157A	Horn (HF1849)	Arrow
	165498	Nut for tone disc	
T3038	076060	**Horn push** (HP26)	
T3005	303945	**Inspection lamp socket** (red)	Leader
T3006	303946	**Inspection lamp socket** (black)	Leader
T3000	58204	**Headlamp complete**	Leader
T3055	58587A	**Headlamp only** (less speedometer and switches)	Arrow
T3051	517527	Headlamp shell	Leader
	54520003	Rim	
	555911	Screw, rim fixing	
	534296	Plate, rim fixing screw	
	504665	Wire, light fixing unit	
	516828	Light unit	
	554602	Main bulb holder	
	188818	Sleeve, terminal	
	312	Main bulb	
	554710	Pilot bulb holder	
	553780	Interior, pilot	
	554354	Rubber ring bulb holder seating	
	988	Pilot bulb	
T3040	53394	**Tail lamp** (564)	
	573839	Lens	
	575200	Window	
	575219	Nut, barrel, lens fixing	
	575208	Gasket, lens seating	
	576002	Base assembly	
	575207	Grommet, bulb holder	
	575209	Bulb holder assembly, shell	
	573828	Interior, bulb holder	

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PART NO.		DESCRIPTION OF PART		NO. PER SET
	352	Bulb		
	573825	Cable grommet		
	166014	Nut, lamp fixing		
	188327	Washer		
	131023	Washer, fixing bolt spacer		
T3016	47111	**Rectifier** (FSX1501)		
T3037	038238	**Dipper switch** (99)		
	121964	Fixing screw		
	380427	Clip		
T3004		**Lighting switch**		
	54330642	Knob for lighting switch		
T3003		Ignition switch		
	54330641	Knob for ignition switch		
T3019	31384	Stop light switch for front brake ...	Leader	
T3018	31437	Stop light switch for rear brake		
	54940984	Cable harness	Leader	
T3041	54940988	Stop-tail lamp harness (not required when flashers or gear indicator fitted) ...	Leader	
T3061		Lead for stop-tail lamp	Arrow	
T3042	54940989	Lead for stop switch	Leader	
T3062		Lead for stop switch	Arrow	
T3043	54940990	Lead for inspection socket (not required when parking light fitted)	Leader	
T3044	54940991	Battery earth lead	Leader	
T3045	54940992	Rectifier earth lead	Leader	
T3046	54942616	Rectifier leads	Leader	
T3033	54940994	Lead, contact breaker		
T3063	54945879	Lead, coils—contact breaker	Arrow	
T3034		H.T. lead to spark plug	Leader	
T3034/1		H.T. lead to spark plug	Arrow	
T3035	038237	Wiring harness c/w lighting and ignition switches	Leader	
T3057	54033090	Wiring harness c/w switches	Arrow	
T2205		Sleeve for cables (frame to engine) ...	Arrow	

ELECTRICAL EQUIPMENT

(Optional Extras)

8006–59		Flasher set complete (model fitted with panniers)	Leader	1
8007–60		Flasher set complete (model **not** fitted with panniers)...	Leader	1
T3014C		Parking lamp complete	Leader	1
T3014		Parking lamp only	Leader	1
T1081		Screw for parking lamp	Leader	2
T2624		Flasher unit mounting bracket	Leader	1
T2585		Screw for **T2624** bracket	Leader	1
T3007	38193	Flasher warning light (amber lens) ...	Leader	1
T3008	38194	Warning light (neutral indicator) (clear lens)	Leader	1
T3068		Inspection lamp complete	Leader	1
T3020		Rubber mat for flasher lamps	Leader	4
T3021	53733	Flasher lamp	Leader	4
T3022	031935	Switch for flasher lamp	Leader	1
T3023	031928	Flasher unit	Leader	1
T3024	54940996	Tail lamp and rear flasher leads ...	Leader	1
8003–59		Neutral gear indicator c/w switch and harness	Leader	1
T3025	31820	Neutral indicator switch	Leader	1
T3026	54940997	Front flasher lead, L/S	Leader	1
T3049		Parking lamp switch only	Leader	1
T46		Rubber grommet for flasher leads ...	Leader	6
T3027	54940998	Front flasher lead, R/S	Leader	1
T3028	54940999	Flasher harness	Leader	1

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PART NO.		DESCRIPTION OF PART	NO. PER SET
T3029	54941000	Stop switch and gear indicator switch lead Leader	1
T3030	54941001	Parking light and inspection socket leads Leader	1
T3047		Flasher mounting bracket ... ... Leader	4
T3047		Flasher mounting bracket (model not fitted with panniers) ... ... Leader	2
T3048		Screw for flasher and bracket ... ... Leader	12
T3048		Screw for flasher and bracket (model not fitted with panniers) ... ... Leader	10
SN–39		Nut for T2585 screw	1
T3627		Flasher lamp mounting (rear) for model not fitted panniers ... ... Leader	2
T2673		Screw ... ... Leader	6
TW–10		Plain washer ... ... Leader	6
T3628		Earthing wire ... ... Leader	2
T3629		Support strip for flasher lamp (model not fitted panniers) Leader	2

STANDARD PLAIN WASHERS

TW–10	Plain washer $\frac{3}{16}$" i/dia., $\frac{7}{16}$" o/dia., 21 S.W.G.
TW–11	Plain washer $\frac{5}{32}$" i/dia., $\frac{7}{16}$" o/dia., 21 S.W.G.
TW–15	Plain washer $\frac{7}{32}$" i/dia., $\frac{1}{2}$" o/dia., 21 S.W.G.
TW–17	Plain washer $\frac{1}{4}$" i/dia., $\frac{5}{16}$" o/dia., 20 S.W.G.
TW–20	Plain washer $\frac{5}{16}$" i/dia., $\frac{3}{4}$" o/dia., 19 S.W.G.
TW–21	Plain washer $\frac{5}{16}$" i/dia., $\frac{3}{4}$" o/dia., 18 S.W.G.
TW–22	Plain washer $\frac{11}{16}$" i/dia., $1\frac{1}{4}$" o/dia., 16 S.W.G.
TW–25	Plain washer $\frac{3}{8}$" i/dia., $\frac{7}{8}$" o/dia., 18 S.W.G.
TW–32	Plain washer $\frac{1}{2}$" i/dia., 1" o/dia., 17 S.W.G.
TW–33	Plain washer $\frac{1}{2}$" i/dia., $1\frac{1}{8}$" o/dia., 13 S.W.G.

STANDARD SHAKEPROOF WASHER WITH INTERNAL EARS

TSW–3	Shakeproof washer $\frac{3}{16}$" i/dia.
TSW–4	Shakeproof washer $\frac{1}{4}$" i/dia.
TSW–5	Shakeproof washer $\frac{5}{16}$" i/dia.
TSW–7	Shakeproof washer $\frac{7}{16}$" i/dia.
TSW–9	Shakeproof washer $\frac{9}{16}$" i/dia.

STANDARD UNIFIED NUTS

UN1/4F	Standard nut
UN1/5F	Standard nut
UN1/6F	Standard nut
UN1/8F	Standard nut
UN2/4F	Locknut
UN2/5F	Locknut
UN2/6F	Locknut

STANDARD UNIFIED BOLTS

UN4/6F	Bolt $\frac{1}{4}$" dia. length under head $\frac{3}{8}$"
UN4/8F	Bolt $\frac{1}{4}$" dia. length under head $\frac{1}{2}$"
UN4/10C	Bolt $\frac{1}{4}$" dia. length under head $\frac{5}{8}$"
UN4/10F	Bolt $\frac{1}{4}$" dia. length under head $\frac{5}{8}$"
UN4/12F	Bolt $\frac{1}{4}$" dia. length under head $\frac{3}{4}$"
UN4/14F	Bolt $\frac{1}{4}$" dia. length under head $\frac{7}{8}$"
UN4/16F	Bolt $\frac{1}{4}$" dia. length under head 1"
UN4/18F	Bolt $\frac{1}{4}$" dia. length under head $1\frac{1}{8}$"
UN4/28C	Bolt $\frac{1}{4}$" dia. length under head $1\frac{3}{4}$"
UN5/8F	Bolt $\frac{5}{16}$" dia. length under head $\frac{1}{2}$"
UN5/10C	Bolt $\frac{5}{16}$" dia. length under head $\frac{5}{8}$"
UN5/10F	Bolt $\frac{5}{16}$" dia. length under head $\frac{5}{8}$"
UN5/12C	Bolt $\frac{5}{16}$" dia. length under head $\frac{3}{4}$"
UN5/14F	Bolt $\frac{5}{16}$" dia. length under head $\frac{7}{8}$"
UN5/16F	Bolt $\frac{5}{16}$" dia. length under head 1"
UN6/14F	Bolt $\frac{3}{8}$" dia. length under head $\frac{7}{8}$"

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NOTICE

We do not appoint agents for the sale on our behalf of our motor cycles or other goods, but we assign to motor cycle Dealers areas in which we supply to such Dealers exclusively for re-sale in such areas. No such Dealer is authorised to transact any business, give any warranty, make any such representation or incur any liability on our behalf.

THE FOLLOWING IS A COPY OF THE

GUARANTEE

GIVEN BY DEALERS IN ARIEL MOTOR CYCLES

We give the following guarantee with our motor cycles, motor cycle combinations and sidecars including all accessories and component parts other than tyres, saddles, chains and lighting and electrical equipment, and other than accessories and component parts supplied to the order of the Purchaser and differing from those comprised in the standard specifications supplied with our motor cycles, motor cycle combinations and sidecars, but including accessories and parts supplied by way of exchange as hereinafter provided. This guarantee is given in place of any implied condition or warranties or any liabilities whatsoever statutory or otherwise; no guarantee except that hereinafter contained and no condition or warranty whatsoever statutory or otherwise is given or is to be implied nor are we to be under any liability whatsoever except under the guarantee hereinafter contained. Any statement, description, condition or representation contained in any catalogue, advertisement, leaflet or other publication shall not be construed as enlarging, varying or overriding anything herein contained. In the case of machines (*a*) which have been used for "hiring out" purposes or (*b*) any motor cycle and/or sidecar used for any dirt tracks, cinder track or grass track racing or competitions (or any competition of any kind within an enclosure for which a charge is made for admission to take part in or view the competition or (*c*) machines from which the trade mark, name or manufacturing number has been altered or removed or (*d*) any machine in which parts have been used not supplied by or approved by the motor cycle manufacturer, or (*e*) any machine from which the silencing system as fitted by the manufacturer has been partially or wholly removed or interfered with, no guarantee, condition or warranty of any kind statutory or otherwise is given or is to be implied nor are we to be under any liability whatsoever in respect of any such machine.

We guarantee, subject to the conditions mentioned below, that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, but this guarantee is to extend and be in force for six months only from date of purchase, or date of exchange in case of any accessory or part supplied by way of exchange as hereinafter provided, and damages for which we make ourselves responsible under this guarantee are limited to the free repair of or supply of a new part or accessory in exchange for the part of the motor cycle, motor cycle combination or sidecar or accessory which may have proved defective. We undertake, subject to the conditions mentioned below, to make good in manner aforesaid any part or accessory covered by this guarantee which has proved defective within the said period of six months. We do not undertake to replace or refix, or bear the cost of replacing or refixing any such new part or accessory in the motor cycle, motor cycle combination or sidecar.

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As motor cycles, motor cycle combinations and sidecars are easily liable to derangement by neglect or misuse, this guarantee does not apply to the defects caused by wear and tear, misuse or neglect.

The term "misuse" shall include amongst others the following acts:

1. The attaching of a sidecar to a motor cycle in such a manner as to cause damage or calculated to render the latter unsafe when ridden.

2. The use of the motor cycle or of a motor cycle and sidecar combined when carrying more persons or a greater weight than that for which the machine was designed by the manufacturers.

3. The attaching of a sidecar to a motor cycle by any form of attachment not provided, supplied or approved by the manufacturers, or to a motor cycle which is not designed for such use.

We do not guarantee tyres, saddles, chains or lighting and electrical equipment, or any accessories or component parts supplied to the order of the Purchaser differing from those comprised in the standard specifications supplied with our motor cycles, motor cycle combinations or sidecars. As regards all such tyres, saddles, chains, lighting and electrical equipment, accessories and component parts, no guarantee, condition or warranty of any kind statutory or otherwise is given or is to be implied, and we are to be under no liability whatsoever in respect thereof.

CONDITIONS OF GUARANTEE

If a defective part or accessory should be found in our motor cycles, motor cycle combinations or sidecars, or in any part or accessory supplied by way of exchange as before provided, it must be sent to us **Carriage Paid,** and accompanied by an intimation from the owner that he desires to have it repaired or exchanged free of charge under our guarantee and he must also furnish us at the same time with the number of the machine, the date of the purchase or the date when the alleged defective part or accessory was exchanged as the case may be.

Failing compliance with the above, such articles will lie here at **the risk of the owner,** and this guarantee and any implied guarantee, warranty or condition shall not be enforceable.

REPAIRS

Any motor cycle, motor cycle combination or sidecar sent to us to be plated, enamelled or repaired will be repaired upon the following conditions, i.e. we guarantee that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, such guarantee to extend and be in force for three months only from the time such work shall have been executed, and this guarantee is in lieu and in exclusion of all conditions and warranties statutory or otherwise and all liabilities whatsoever and the damages recoverable are limited to the cost of any further work which may be necessary to amend and make good the work found to be defective.

ARIEL MOTORS LIMITED, SELLY OAK, BIRMINGHAM 29

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