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CATALOGUE OF



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SUFFIX NUMBERS TO BE USED TO IDENTIFY VARYING FINISHES FOR "B" GROUP MODELS

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/3 Bright Chrome.
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/7 Black Enamel.

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We give the following guarantee with B.S.A. Motor Cycle Spare Parts, instead of the guarantee implied by statute or otherwise, as to the quality or fitness of such parts for the purpose for which they are intended, any such implied guarantee being in all cases excluded, nor can any claim for consequential damages be entertained.

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VENEZUELA	Agencias B.S.A. de Venezuela C.A., Salvador de Leon a Socarras 52, Caracas.
	Rafael E. Montero, Calle Soledad, 73, Maracaibo, Zulia. (Districts of Zulia and Falcon).
YEMEN	Arabian Trading Co., Esplanade, Aden.
YUGOSLAVIA	Gorma Ltd., 70 Pall Mall, London, S.W.1.


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1 PISTON COMPLETE

Plate 1

ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31	65–1703	Cylinder barrel	1
1	B33	65–1707	Cylinder barrel	1
2	B31 B33	66–92	Cylinder base gasket	1
3	B31 B33	65–930	Push rod cover stud nut	1
4	B31 B33	29–541	Push rod cover stud nut washer	2
5	B31 B33	24–4227	Push rod cover tube stud	2
6	B31 B33	66–1379	Push rod cover tube washer	2
7	B31 B33	66–1937	Tappet recess cover washer	1
8	B31 B33	66–1936	Tappet recess cover	1
9	B31 B33	29–2158	Tappet recess cover screw	1
10	B31 B33	66–115	Cylinder holding down bolt	4
11	B31 B33	65–1084	Push rod	4
12	B31 B33	65–1080	Push rod cover tube	2
13	B31 B33	65–1142	Valve rocker inspection cover	1
14	B31 B33	2–2582	Valve rocker inspection cover screw	1
15	B31 B33	65–1143	Valve rocker inspection cover washer	4
16	B31 B33	65–2687	Exhaust pipe	1
16	B31 B33 (swinging arm)	42–2705	Exhaust pipe	1
17	B31	65–1110	Valve (exhaust)	1
17	B33	65–1240	Valve (exhaust)	1
18	B31	65–1514	Valve guide (exhaust)	1
18	B33	65–1516	Valve guide (exhaust)	1
19	B31 B33	65–1149	Valve spring collar (exhaust)	1
20	B31	15–1525	Valve split cotter (exhaust) (halves)	2
20	B33	15–1525	Valve split cotter (inlet and exhaust) (halves)	4
21	B31 B33	31–103	Valve stem cap exhaust	1
22	B31 B33	65–1160	Cylinder head cover (exhaust)	1
23	B31 B33	2–443	Exhaust lifter cable holder nut	1
24	B31 B33	27–1163	Exhaust lifter cable holder	1
25	B31 B33	2–443	Exhaust lifter spindle nut	1
26	B31 B33	2–525	Exhaust lifter spindle washer	1
27	B31 B33	65–1137	Exhaust lifter	1
28	B31 B33	35–701	Exhaust lifter spindle split pin	1
29	B31 B33	65–1165	Exhaust lifter spindle	1
30	B31 B33	2–2894	Exhaust lifter bush washer (fibre)	1
31	B31 B33	65–387	Exhaust lifter bush	1
32	B31 B33	65–401	Exhaust lifter spindle washer (felt)	1
33	B31 B33	65–402	Exhaust lifter spindle washer	1
34	B31 B33	65–403	Exhaust lifter spindle spring	1
35	B31 B33	66–1431	Exhaust lifter lever	1
36	B31 B33	2–443	Exhaust lifter spindle nut	1
37	B31 B33	2–525	Exhaust lifter spindle washer	1
38	B31 B33	65–317	Rocker oil feed pipe banjo screw	2
39	B31 B33	66–102	Sparking plug washer	1
40	B31 B33	65–114	Sparking plug	1
41	B31 B33	65–209	Valve stem cap (inlet)	1
42	B31	29–410	Valve split cotter (inlet) (halves)	2
43	B31 B33	65–1149	Valve spring collar (inlet)	1
44	B31 B33	31–8430	Rocker oil feed pipe union washer	2
45	B31 B33	65–1161	Valve rocker fulcrum pin	2
46	B31 B33	65–1146	Valve spring (inner)	2
47	B31 B33	65–1147	Valve spring (outer)	2
48	B31	65–1513	Valve guide (inlet)	1
48	B33	65–1515	Valve guide (inlet)	1
49	B31 B33	65–1118	Valve rocker fulcrum pin washer	2
50	B31 B33	65–1117	Valve rocker fulcrum spring	2
51	B31 B33	65–1102	Valve rocker (inlet)	1
52	B31 B33	65–1100	Valve rocker (exhaust)	1
53	B31 B33	27–1111	Valve rocker spindle thrust washer	2
54	B31 B33	29–541	Cylinder head cover washer	8
55	B31 B33	65–1166	Cylinder head cover screw	8
56	B31	65–1700	Cylinder head with fixed fittings	1
56	B33	65–1704	Cylinder head with fixed fittings	1
57	B31 B33	36–481	Valve rocker spindle nut washer	2
58	B31 B33	65–311	Valve rocker spindle nut	2
59	B31 B33	66–1367	Push rod cover tube gland packing	1
60	B31 B33	65–1082	Push rod cover tube gland nut	1
61	B31 B33	2–49	Carburetter stud nut	2

Plate 1

ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

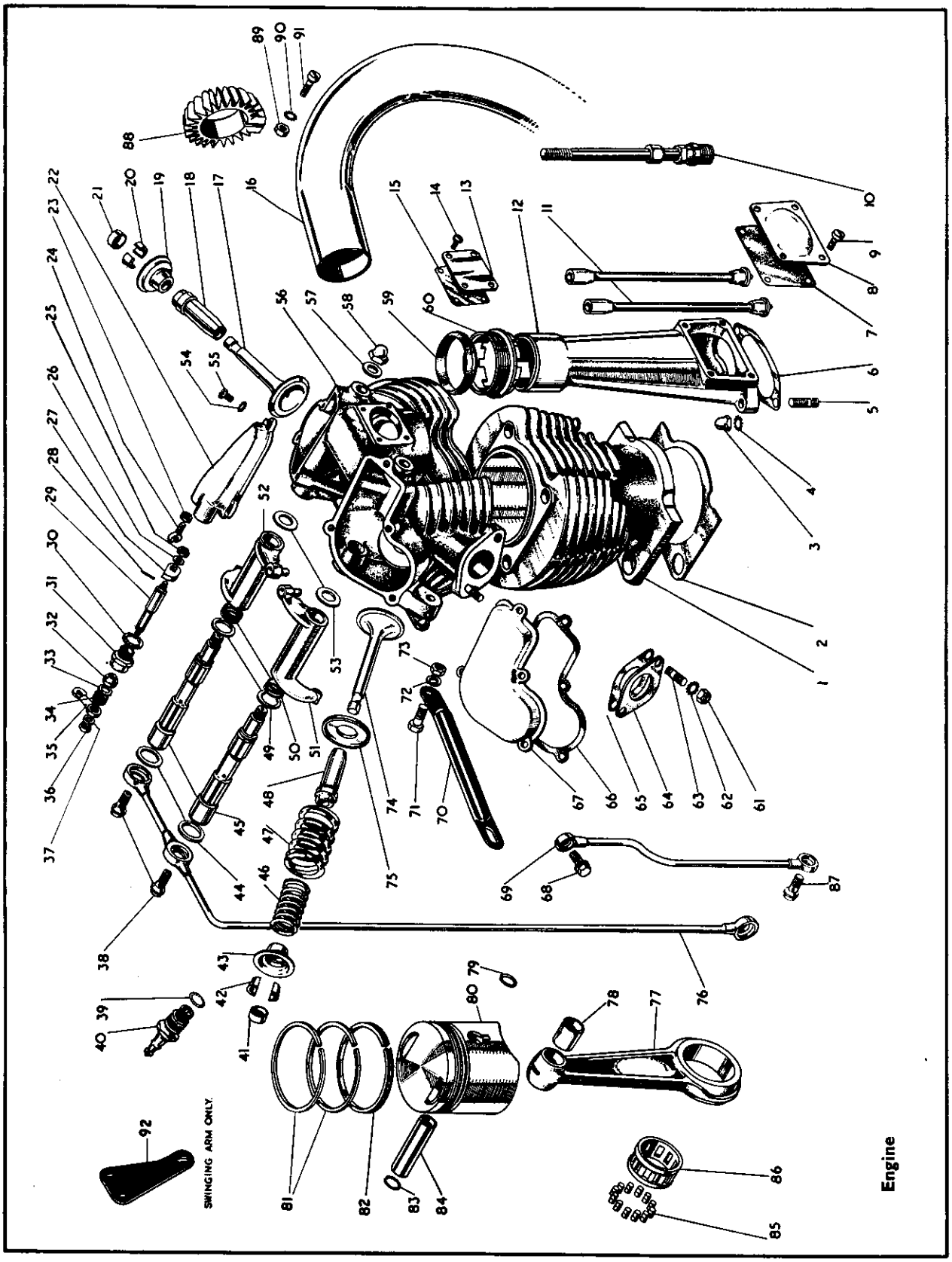


Plate 1—*continued.*

ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
62	B31 B33	36–382	Carburetter stud nut washer	2
63	B31 B33	24–5205	Carburetter stud	2
64	B31	65–1163	Carburetter flange washer (Tufnol)	1
64	B33	65–1238	Carburetter flange washer (Tufnol)	1
65	B31	65–1162	Carburetter flange washer (paper)	2
65	B33	65–1232	Carburetter flange joint washer (paper)	2
66	B31 B33	65–1164	Cylinder head cover washer (paper)	2
67	B31 B33	65–1159	Cylinder head cover (inlet)	1
68	B31 B33	26–1253	Oil return pipe banjo screw (top)	1
69	B31 B33	65–1215	Oil return pipe complete	1
70	B31 B33	65–1153	Engine steady stay	1
71	B31 B33	15–480	Engine steady stay bolt	1
72	B31 B33	24–8784	Engine steady stay washer	1
73	B31 B33	2–49	Engine steady stay bolt nut	1
74	B31	65–1111	Valve (inlet)	1
74	B33	65–1239	Valve (inlet)	1
75	B31 B33	65–1519	Valve spring seat	2
76	B31 B33	65–1544	Rocker oil feed pipe complete	1
76	B31 B33 (swinging arm)	42–48	Rocker oil feed pipe complete	1
77	B31	66–482	Connecting rod with bushes	1
77	B33	65–1613	Connecting rod with bushes	1
78	B31 B33	66–492	Gudgeon pin bush	1
79	B31 B33	66–954	Gudgeon pin retaining circlip	1
80	B31	65–809	Piston complete with rings, gudgeon pin and circlips	1
80	B33	65–1692	Piston complete with rings, gudgeon pin and circlips	1
80	B33	65–1660	Piston complete with rings, gudgeon pin and circlips (7.5 to 1 C.R.)	1
80	B33	65–1256	Piston complete with rings, gudgeon pin and circlips (8.5 to 1 C.R.)	1
80	B33	65–1278	Piston complete with rings, gudgeon pin and circlips (11 to 1 C.R.)	1
81	B31	65–744	Compression ring	2
81	B33	65–1250	Compression ring	2
81	B33	24–1792	Compression ring (Maxigroove)	2
82	B31	65–735	Piston scraper ring	1
82	B33	65–1253	Piston scraper ring	1
83	B31 B33	66–954	Gudgeon pin retaining circlip	1
84	B31	65–440	Gudgeon pin	1
84	B33	66–953	Gudgeon pin	1
85	B31 B33	24–375	Crankpin roller	24
86	B31 B33	66–506	Roller cage	1
87	B31 B33	26–1253	Oil return pipe banjo screw (bottom)	1
88	B31 B33	65–2890	Exhaust pipe finned collar	1
89	B31 B33	21–5102	Exhaust pipe finned collar nut	1
90	B31 B33	29–541	Exhaust pipe finned collar screw washer	1
91	B31 B33	21–6187	Exhaust pipe finned collar screw	1
92	B31 B33 (swinging arm)	42–50	Engine steady plate	1

Plate 2

ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31 B33	1/4" dia.	Oil valve spring ball	1
2	B31 B33	66–1684	Oil valve spring	1
3	B31 B33	66–1683	Oil valve retaining screw washer (fibre)	1
4	B31 B33	65–2188	Oil valve spring retaining screw	1
5	B31 B33	65–2157	Timing cover screw	9
6	B31 B33	65–2143	Timing cover	1
7	B31 B33	66–1920	Timing cover washer	1

Plate 2—*continued.* ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
8	B31 B33	66–698	Engine shaft oil feed pipe	1
9	B31 B33	29–905	Engine shaft timing pinion nut	1
10	B31 B33	66–1923	Timing cover oil feed washer (rubber)	2
11	B31 B33	66–2007	Cam pinion spindle bolt	2
12	B31 B33	66–2008	Timing gear plate with bearing	1
13	B31 B33	65–441	Cam pinion bush (exhaust)	2
14	B31 B33	65–2420	Cam pinion complete (exhaust)	1
15	B31 B33	65–2426	Cam pinion spindle (exhaust)	1
16	B31 B33	65–692	Engine shaft timing pinion	1
17	B31 B33	66–1493	Tappet (inlet and exhaust)	2
18	B31 B33	66–1494	Tappet guide (inlet and exhaust)	2
19	B31 B33	15–6524	Tappet locknut	2
20	B31 B33	66–1511	Tappet head (inlet and exhaust)	2
21	B31 B33	66–1616	Crankcase with fixed fittings (gear side)	1
22	B31 B33	31–212	Crankcase stud (top) (rear)	1
23	B31 B33	66–2321	Magdyno strap (short)	1
24	B31 B33	65–2353	Magdyno strap eye plug (tapped)	1
25	B31 B33	66–2320	Magdyno strap (long)	1
26	B31 B33	65–2352	Magdyno strap eye plug (plain)	1
27	B31 B33	29–4662	Magdyno strap eye plug saddle washer	1
28	B31 B33	2–923	Magdyno strap clip bolt washer	1
29	B31 B33	27–5156	Magdyno strap clip bolt	1
30	B31 B33	66–1642	Crankcase with fixed fittings (drive side)	1
31	B31 B33	15–1355	Crankcase connecting bolt	3
32	B31 B33	24–949	Crankcase stud (rear)	1
33	B31 B33	66–1683	Crankcase oil pipe adaptor washer	2
34	B31 B33	65–2252	Crankcase oil pipe adaptor	2
35	B31	65–1125	Flywheel with engine shaft (gear side)	1
35	B33	65–1742	Flywheel with engine shaft (gear side)	1
36	B31 B33	2–4553	Crankcase drain plug washer (fibre)	1
37	B31 B33	28–243	Crankcase drain plug	1
38	B31	65–1123	Flywheel with engine shaft (drive side)	1
38	B33	65–1740	Flywheel with engine shaft (drive side)	1
39	B31 B33	27–1239	Engine shaft rivet	14
40	B31 B33	66–545	Crankpin	1
41	B31 B33	65–1128	Engine shaft (drive side)	1
42	B31 B33	2–36	Crankpin key	1
43	B31 B33	66–630	Thrust washer rivet	6
44	B31 B33	66–629	Thrust washer	2
45	B31 B33	65–2520	Cush drive bearing nut	1
46	B31 B33	65–2521	Cush drive bearing lockwasher	1
47	B31 B33	67–1136	Cush drive spring	1
47	B31 B33	66–1706	Cush drive spring (1954)	1
48	B31 B33	67–1135	Cush drive sleeve	1
48	B31 B33	15–1555	Cush drive sleeve (1954)	1
49	B31	65–2537	Engine sprocket (17T)	1
49	B31	15–1567	Engine sprocket (17T) (1954)	1
49	B33	45–2776	Engine sprocket (19T)	1
49	B33	15–1565	Engine sprocket (19T) (1954)	1
50	B31 B33	65–2539	Cush drive bearing	1
50	B31 B33	65–2523	Cush drive bearing (1954)	1
51	B31 B33 (swinging arm)	65–2528	Cush drive distance piece (.406″–.411″)	1
51	B31 B33	65–2540	Cush drive distance piece (.233″–.238″)	As required
51	B31 B33	65–2528	Cush drive distance piece (.320″–.325″) 1954	1
51	B31 B33	65–2529	Cush drive distance piece (.288″–.293″)	As required
51	B31 B33	65–2530	Cush drive distance piece (.256″–.261″)	As required
52	B31 B33	66–1707	Cush drive bearing alignment washer (.032″)	As required
52	B31 B33	66–1708	Cush drive bearing alignment washer (.064″)	As required
53	B31 B33	66–661	Engine shaft shim (drive side)	1
54	B31 B33	65–2045	Ball bearing (drive side) 6205	1
54A	B31 B33	66–660	Engine shaft distance collar	1
55	B31 B33	65–2240	Main bearing spring ring	1
56	B31 B33	24–724	Roller bearing (drive side)	1
57	B31 B33	24–2113	Oil flinger	1
58	B31 B33	65–1129	Engine shaft (gear side)	1
59	B31 B33	65–479	Crankpin oil hole grub screw	1
60	B31 B33	31–300	Crankpin nut locking washer	2

Plate 2

ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

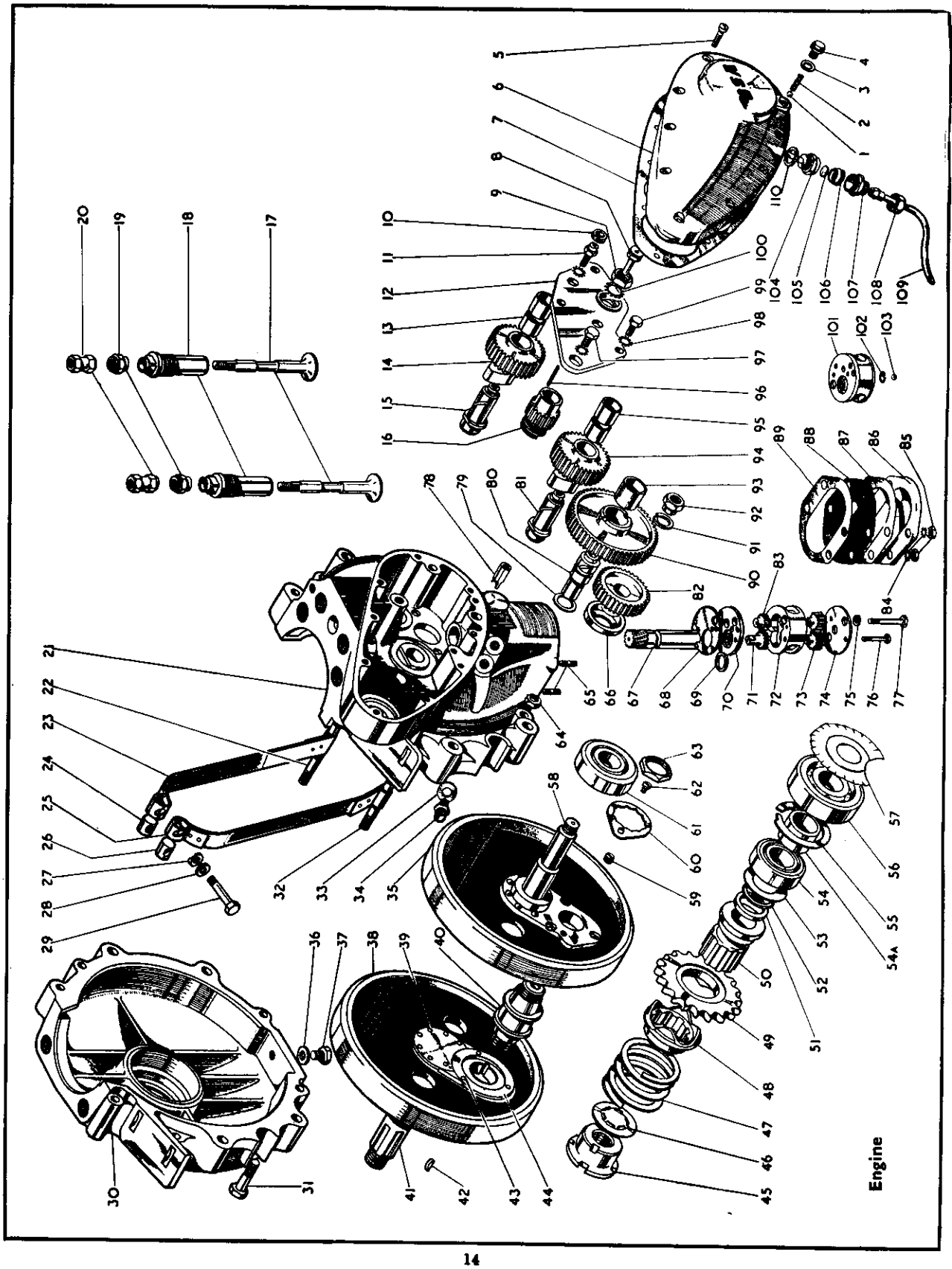


Plate 2—*continued.* ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
61	B31 B33	24–722	Roller bearing (gear side) 40.6454 B	1
62	B31 B33	2–77	Crankpin nut locking washer screw	2
63	B31 B33	31–298	Crankpin nut	2
64	B31 B33	2–49	Crankcase connecting bolt nut	5
65	B31 B33	31–222	Crankcase scavenge cover stud	4
66	B31 B33	65–2316	Magdyno driving pinion oil seal 20.64 X 35.18 X 9.22	1
67	B31 B33	66–2620	Oil pump driving spindle	1
68	B31 B33	65–2618	Oil pump and crankcase joint washer	1
69	B31 B33	65–2606	Oil pump top plate washer	1
70	B31 B33	65–2598	Oil pump top plate	1
71	B31 B33	65–2601	Oil pump feed gear (driver)	1
72	B31 B33	65–2596	Oil pump body	1
73	B31 B33	65–2599	Oil pump scavenge gear	2
74	B31 B33	65–2625	Oil pump bottom plate	1
75	B31 B33	24–978	Oil pump bolt washer (spring)	2
76	B31 B33	15–848	Oil pump bolt	2
77	B31 B33	65–2604	Oil pump fixing bolt	2
78	B31 B33	65–2580	Oil pump driving spindle retaining pin	1
79	B31 B33	36–3528	Idler pinion thrust washer	1
80	B31 B33	65–2335	Idler pinion spindle	1
81	B31 B33	65–2425	Cam pinion spindle (inlet)	1
82	B31 B33	65–2334	Magdyno driving pinion	1
83	B31 B33	65–2600	Oil pump feed gear (driven)	1
84	B31 B33	29–541	Crankcase scavenge cover stud washer	4
85	B31 B33	2–51	Crankcase scavenge cover stud nut	4
86	B31 B33	65–2611	Crankcase scavenge cover	1
87	B31 B33	65–2612	Crankcase scavenge cover washer	1
88	B31 B33	65–2623	Crankcase scavenge gauze	1
89	B31 B33	65–2612	Crankcase scavenge cover washer	1
90	B31 B33	66–2250	Magdyno drive idler pinion complete	1
91	B31 B33	2–2903	Magdyno driving pinion washer (spring)	1
92	B31 B33	24–195	Magdyno driving pinion nut	1
93	B31 B33	65–2336	Idler pinion bush	1
94	B31 B33	65–2420	Cam pinion complete (inlet)	1
95	B31 B33	65–441	Cam pinion bush (inlet)	2
96	B31 B33	65–693	Engine shaft timing pinion key	1
97	B31 B33	1–5069	Timing gear plate bolt	1
98	B31 B33	36–382	Timing gear plate washer (shakeproof)	6
99	B31 B33	21–2902	Timing gear plate bolt	3
100	B31 B33	65–695	Timing pinion locking washer	1
101	B31 B33	65–2619	Oil pump complete	1
102	B31 B33	65–2622	Oil pump ball retaining circlip	1
103	B31 B33	7/32″ dia.	Oil pump ball	1
104	B31 B33	65–2168	Timing cover air release adaptor	1
105	B31 B33	15–82	Air release disc	1
106	B31 B33	65–2171	Air release adaptor screw	1
107	B31 B33	65–2165	Timing cover air release body	1
108	B31 B33	66–8332	Breather extension pipe nut	1
109	B31 B33	65–2166	Timing cover breather extension pipe	1
110	B31 B33	31–8430	Air release adaptor (washer fibre)	1

Plate 3 ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B32	65–1601	Cylinder barrel with liner	1
1	B34	65–1503	Cylinder barrel with liner	1
2	B32	65–1756	Cylinder head with fixed fittings	1
2	B34	65–1749	Cylinder head with fixed fittings	1
3	B32 B34	65–1587	Rocker box joint washer (tower)	1
4	B32 B34	65–1591	Cylinder head and rocker box stud (long)	3
5	B32 B34	65–1084	Push rod complete	2

Plate 3—*continued*

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
6	B32 (Rigid Competition)	42–2748	Exhaust pipe	1
6	B34 (Rigid Competition)	42–2822	Exhaust pipe	1
6	B32 (Swinging Arm)	42–2778	Exhaust pipe (1954)	1
6	B34 (Swinging Arm)	42–2705	Exhaust pipe (1954)	1
7	B32 B34	65–1592	Cylinder head and rocker box stud (short)	6
8	B32	65–1760	Exhaust valve	1
8	B34	65–1753	Exhaust valve	1
9	B32	65–1596	Valve guide (exhaust)	1
9	B34	65–1598	Valve guide (exhaust)	1
10	B32	65–1627	Valve spring collar (exhaust)	1
10	B34	65–1629	Valve spring collar (exhaust)	1
11	B32	65–1626	Valve spring split cotter (exhaust) (halves)	2
11	B34	65–1625	Valve spring split cotter (exhaust) (halves)	2
12	B32 B34	65–1590	Rocker box inspection cover joint washer	1
13	B32 B34	65–1589	Rocker box inspection cover	1
14	B32 B34	24–8784	Rocker box stud nut washer	9
15	B32 B34	2–49	Rocker box stud nut	9
16	B32 B34	2–433	Exhaust lifter spindle nut	1
17	B32 B34	2–525	Exhaust lifter washer	1
18	B32 B34	65–1137	Exhaust lifter	1
19	B32 B34	2–443	Exhaust lifter cable holder nut	1
20	B32 B34	27–1163	Exhaust lifter cable holder	1
21	B32 B34	35–701	Exhaust lifter split pin	1
22	B32 B34	65–1165	Exhaust lifter spindle	1
23	B32 B34	2–2894	Exhaust lifter spindle washer (fibre)	1
24	B32 B34	65–387	Exhaust lifter bush	1
25	B32 B34	65–401	Exhaust lifter spindle washer (felt)	1
26	B32 B34	65–402	Exhaust lifter spindle washer	1
27	B32 B34	65–403	Exhaust lifter spindle spring	1
28	B32 B34	66–1431	Exhaust lifter lever	1
29	B32 B34	2–525	Exhaust lifter washer	1
30	B32 B34	2–443	Exhaust lifter spindle nut	1
31	B32 B34	65–317	Rocker oil feed pipe banjo screw	2
32	B32 B34	31–8430	Rocker oil feed pipe banjo washer (fibre)	1
33	B32 B34	65–1100	Valve rocker (exhaust)	1
34	B32 B34	27–1111	Valve rocker fulcrum pin thrust washer	2
35	B32 B34	65–1102	Valve rocker (inlet)	1
36	B32 B34	65–1117	Valve rocker fulcrum pin spring	2
37	B32 B34	65–1118	Valve rocker fulcrum pin washer	2
38	B32 B34	65–1161	Valve rocker fulcrum pin	2
39	B32	65–1759	Valve (inlet)	1
39	B34	65–1752	Valve (inlet)	1
40	B32 B34	65–1519	Valve spring seat	2
41	B32	65–1595	Valve guide (inlet)	1
41	B34	65–1597	Valve guide (inlet)	1
42	B32	65–1249	Valve spring (outer)	2
42	B34	65–1147	Valve spring (outer)	2
43	B32 B34	65–1259	Valve spring (inner)	2
44	B32	65–1628	Valve spring collar (inlet)	1
44	B34	65–1627	Valve spring collar (inlet)	1
45	B32	65–1624	Valve spring split cotter (inlet) (halves)	2
45	B34	65–1626	Valve spring split cotter (inlet) (halves)	2
46	B32 B34	66–8338	Rocker oil feed pipe connection (rubber)	1
47	B32 B34	65–1366	Rocker spindle oil feed pipe clip	1
48	B32 B34	65–1506	Rocker box	1
49	B32 B34	65–1588	Rocker box joint washer	2
50	B32 B34	65–311	Valve rocker fulcrum pin nut	2
51	B32 B34	36–481	Valve rocker fulcrum pin washer	2
52	B32 B34	2–49	Engine steady stay bolt nut	1
53	B32 B34	24–8784	Engine steady stay bolt washer	1
54	B32 B34	15–480	Engine steady stay bolt	1
55	B32 B34	65–1339	Sparking plug	1
55A	B32 B34	67–985	Sparking plug waterproof cover	1

Plate 3

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

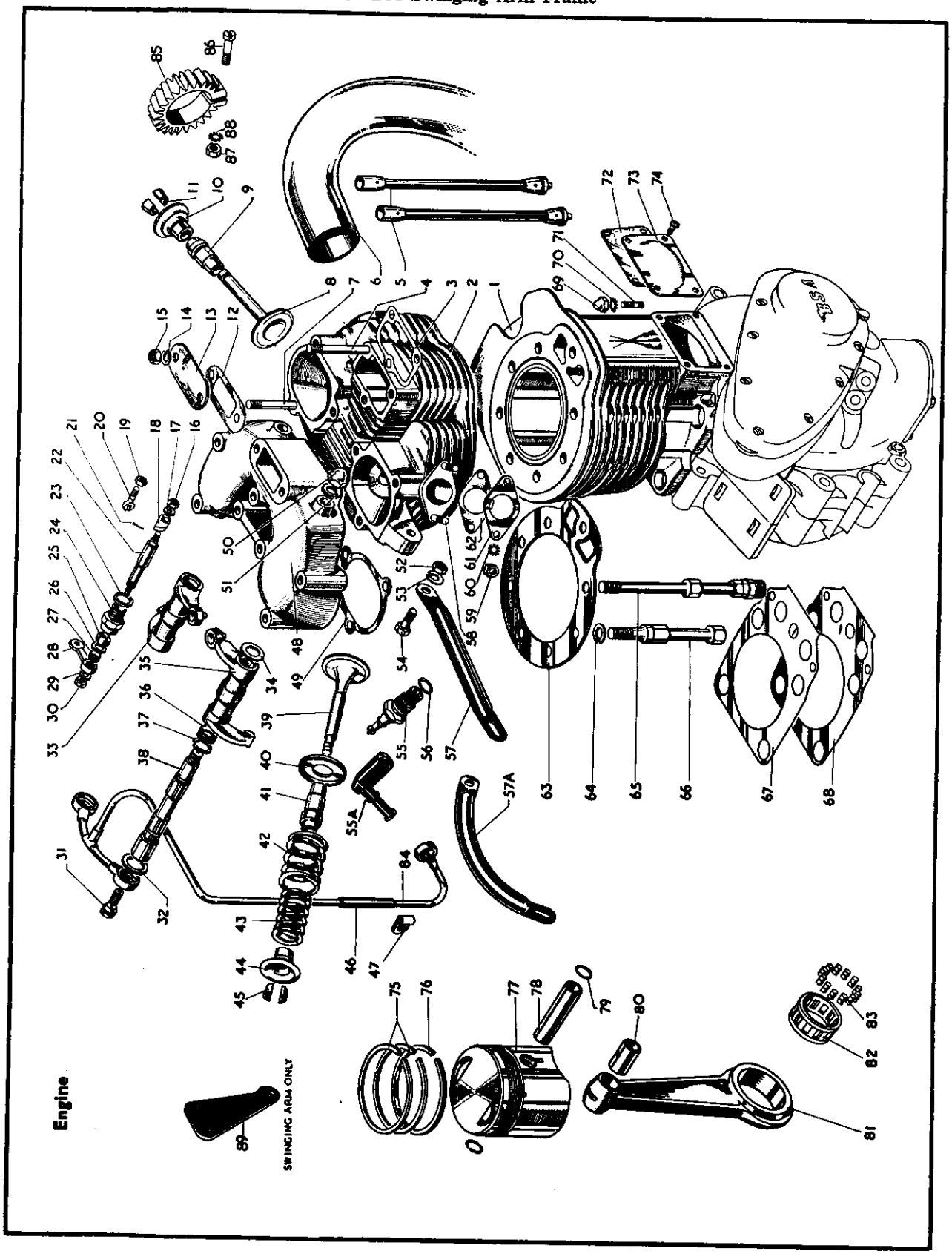


Plate 3—*continued*

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
56	B32 B34	66–102	Sparking plug washer	1
57	B32 B34	65–1153	Engine steady stay	1
57A	B34	65–1433	Engine steady stay (for use with twin top feed T.T. carburetter)	1
58	B32 B34	29–565	Carburetter stud	2
59	B32 B34	2–49	Carburetter stud nut	2
60	B32 B34	36–382	Carburetter stud nut washer	2
61	B32	65–1163	Carburetter flange washer (Tufnol)	1
61	B34	65–1238	Carburetter flange washer (Tufnol)	2
62	B32	65–1162	Carburetter flange washer (paper)	2
62	B34	65–1232	Carburetter flange washer (paper)	2
63	B32	65–1606	Cylinder head gasket	1
63	B34	65–1580	Cylinder head gasket	1
64	B32	2–2903	Cylinder head bolt washer	4
64	B34	3–110	Cylinder head bolt washer	4
65	B32	65–1609	Cylinder holding down bolt	4
65	B34	65–1403	Cylinder and head holding down bolt	4
66	B32	66–134	Cylinder head and barrel bolt	4
66	B34	65–1413	Cylinder head bolt (medium)	4
67	B32 B34	65–1650	Cylinder base shim (.010″)	As required
67	B32 B34	65–1651	Cylinder base shim (.020″)	As required
67	B32 B34	65–1652	Cylinder base shim (.030″)	As required
67	B32 B34	65–1653	Cylinder base shim (.064″)	As required
68	B32 B34	65–1582	Cylinder base washer	1
69	B32 B34	65–930	Cylinder barrel stud nut	2
70	B32 B34	29–541	Cylinder barrel stud nut washer	2
71	B32 B34	24–4227	Cylinder barrel stud	1
72	B32 B34	66–1937	Push rod tappet recess cover joint washer	1
73	B32 B34	66–1936	Push rod tappet recess cover	1
74	B32 B34	29–2158	Push rod tappet recess cover screw	4
75	B32	65–744	Compression ring	2
75	B34	65–1250	Compression ring	2
76	B32	65–735	Scraper ring	1
76	B34	65–1253	Scraper ring	1
77	B32	65–1679	Piston complete with gudgeon pin, rings and circlips (standard) (C.R. 6.5 to 1)	1
77	B34	65–1244	Piston complete with gudgeon pin, rings and circlips (standard) (C.R. 6.8 to 1)	1
77	B34	65–1264	Piston complete with gudgeon pin, rings and circlips (standard) (C.R. 7.5 to 1)	1
78	B32	65–440	Gudgeon pin	1
78	B34	66–953	Gudgeon pin	1
79	B32 B34	66–954	Gudgeon pin retaining ring	2
80	B32 B34	66–492	Gudgeon pin bush	1
81	B32	65–1640	Connecting rod complete with bushes	1
81	B34	66–482	Connecting rod complete with bushes	1
82	B32 B34	66–506	Crankpin roller cage	1
83	B32 B34	24–375	Crankpin roller	24
84	B32 B34	42–65	Rocker oil feed pipe with rubber connection	1
84	B32 B34 (swinging arm)	42–48	Rocker oil feed pipe complete (1954)	1
85	B32 (swinging arm)	67–2694	Exhaust pipe finned collar	1
85	B34 (swinging arm)	65–2890	Exhaust pipe finned collar	1
86	B32 B34 (swinging arm)	21–6187	Exhaust pipe finned collar screw	1
87	B32 B34 (swinging arm)	21–5102	Exhaust pipe finned collar nut	1
88	B32 B34 (swinging arm)	29–541	Exhaust pipe finned collar washer	1
89	B32 B34 (swinging arm)	42–50	Engine steady plate	1

Plate 4

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B32 B34	65–2188	Oil valve spring retaining screw	1
2	B32 B34	66–1683	Oil valve spring retaining screw washer (fibre)	1
3	B32 B34	66–1684	Oil valve spring	1
4	B32 B34	1/4″ dia.	Oil valve spring ball	1
5	B32 B34	65–2157	Timing cover screw	9
6	B32 B34	65–2143	Timing cover complete	1
7	B32 B34	65–2166	Timing cover breather extension pipe	1
8	B32	15–8434	Timing cover breather extension pipe nut	1
8	B34	66–8332	Timing cover breather extension pipe nut	1
9	B32 B34	65–2165	Air release body	1
10	B32 B34	65–2171	Air release adaptor screw	1
11	B32 B34	15–82	Air release disc	1
12	B32 B34	65–2168	Timing cover air release adaptor complete	1
13	B32 B34	31–8430	Air release adaptor washer (fibre)	1
14	B32 B34	66–2007	Cam pinion spindle bolt	2
15	B32 B34	66–1923	Oil feed washer (rubber)	2
16	B32 B34	36–382	Cam pinion spindle bolt washer	2
17	B32 B34	66–698	Engine shaft oil feed pipe	1
18	B32 B34	29–905	Engine shaft timing pinion nut	1
19	B32 B34	65–695	Engine shaft timing pinion locking washer	1
20	B32 B34	66–2008	Timing gear plate complete	1
21	B32 B34	21–2902	Timing gear plate bolt (Whit.)	3
22	B32 B34	36–382	Timing gear plate bolt washer (shakeproof)	2
23	B32 B34	1–5069	Timing gear plate bolt	1
24	B32 B34	36–382	Timing gear plate bolt washer (shakeproof)	2
25	B32 B34	66–2250	Magdyno drive idler pinion	1
26	B32 B34	24–195	Magdyno driving pinion nut	1
27	B32 B34	2–2903	Magdyno driving pinion washer (spring)	1
28	B32 B34	65–2334	Magdyno driving pinion	1
29	B32 B34	65–2316	Magdyno driving pinion oil seal	1
30	B32 B34	7/32″ dia.	Oil pump valve body ball	1
31	B32 B34	65–2622	Oil pump valve body ball circlip	1
32	B32 B34	65–2619	Oil pump complete	1
33	B32 B34	65–2604	Oil pump fixing bolt	2
34	B32 B34	15–848	Oil pump bolt	2
35	B32 B34	24–978	Oil pump fixing bolt washer	2
36	B32 B34	65–2625	Oil pump bottom plate	1
37	B32 B34	65–2599	Oil pump scavenge gear	1
38	B32 B34	65–2596	Oil pump body	1
39	B32 B34	65–2600	Oil pump feed gear (driven)	1
40	B32 B34	65–2601	Oil pump feed gear (driver)	1
41	B32 B34	65–2606	Oil pump top plate washer	1
42	B32 B34	65–2598	Oil pump top plate	1
43	B32 B34	65–2618	Oil pump and crankcase joint washer	1
44	B32 B34	66–2620	Oil pump driving spindle	1
45	B32 B34	31–222	Crankcase scavenge cover stud	4
46	B32 B34	2–49	Crankcase connecting bolt nut	5
47	B32 B34	66–1920	Timing cover washer	1
48	B32 B34	65–693	Engine shaft timing pinion key	1
49	B32 B34	65–692	Engine shaft timing pinion	1
50	B32 B34	65–441	Cam pinion bush	4
51	B32 B34	65–2420	Exhaust cam pinion complete	1
52	B32 B34	65–2420	Inlet cam pinion complete	1
53	B32 B34	65–2426	Cam pinion spindle (exhaust)	1
54	B32 B34	65–2425	Cam pinion spindle (inlet)	1
55	B32 B34	65–2580	Oil pump driving spindle retaining pin	1
56	B32 B34	36–3528	Magdyno drive idler pinion thrust washer	1
57	B32 B34	65–2336	Magdyno drive idler pinion bush	1
58	B32 B34	65–2335	Magdyno drive idler pinion spindle	1
59	B32 B34	2–51	Crankcase scavenge cover stud nut	4
60	B32 B34	29–541	Crankcase scavenge cover washer (shakeproof)	4
61	B32 B34	65–2611	Crankcase scavenge cover	1
62	B32 B34	65–2623	Oil pump filter	1
63	B32 B34	65–2612	Crankcase scavenge cover washer (oil proof)	2
64	B32 B34	24–722	Roller bearing (gear side)	1
65	B32 B34	65–1129	Engine shaft (gear side)	1
66	B32 B34	31–298	Crankpin nut	2
67	B32 B34	2–77	Crankpin locking screw	2
67A	B32 B34	31–300	Crankpin locking nut washer	1

Plate 4

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

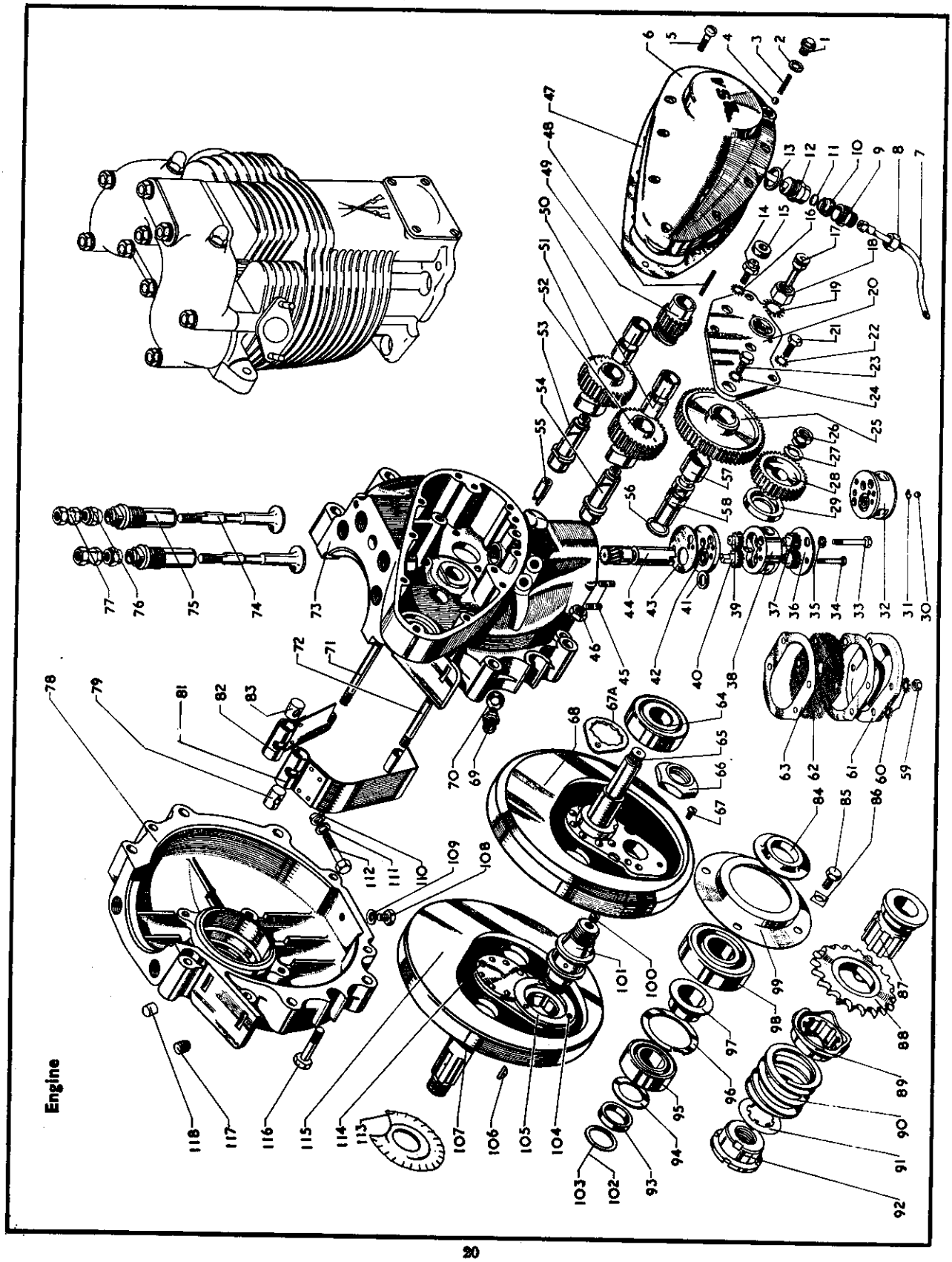


Plate 4—*continued*

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
68	B32	65–1125	Flywheel with engine shaft assembly (gear side)	1
68	B34	65–1235	Flywheel with engine shaft assembly (gear side)	1
69	B32 B34	65–2252	Oil pipe crankcase pipe adaptor	1
70	B32 B34	66–1683	Oil pipe crankcase pipe adaptor washer (fibre)	2
71	B32 B34	31–212	Crankcase stud (top) (rear)	1
72	B32 B34	24–949	Crankcase stud (rear)	1
73	B32 B34	66–1616	Crankcase with fixed fittings (gear side)	1
74	B32 B34	66–1493	Inlet and exhaust tappet	2
75	B32 B34	66–1494	Tappet guide (inlet and exhaust)	2
76	B32 B34	65–1332	Inlet and exhaust tappet locknut	2
77	B32 B34	66–1511	Inlet and exhaust tappet head	2
78	B32 B34	66–1656	Crankcase with fixed fittings (drive side)	1
79	B32 B34	65–2352	Strap eye plug (plain)	1
81	B32 B34	65–1423	Magneto strap (long)	1
82	B32 B34	65–1425	Magneto strap (short)	1
83	B32 B34	65–2353	Eye plug tapped	1
84	B32 B34	66–660	Engine shaft distance collar (inner) (drive side)	1
87	B32 B34	65–2539	Cush drive bearing	1
87	B32 B34 (rigid)	65–2523	Cush drive bearing (1954)	1
88	B32	65–2430	Engine sprocket (15T)	1
88	B32 (rigid)	65–2536	Engine sprocket (16T)	1
88	B32 B34 (rigid)	15–1568	Engine sprocket (16T) (1954)	1
88	B34 (rigid)	65–2538	Engine sprocket (20T)	1
88	B32 B34 (rigid)	15–1564	Engine sprocket (20T) (1954)	1
89	B32 B34	67–1135	Cush drive sleeve	1
89	B32 B34 (rigid)	15–1555	Cush drive sleeve (1954)	1
89	B32	65–2431	Cush drive sliding sleeve (for use with 65–2430 sprocket)	1
90	B32 B34	67–1136	Cush drive spring	1
90	B32 B34 (rigid)	66–1706	Cush drive spring (1954)	1
91	B32 B34	65–2521	Cush drive bearing locking washer	1
92	B32 B34	65–2520	Cush drive bearing nut	1
93	B32 B34	65–2528	Cush drive distance piece	1
93	B32 B34 (rigid)	42–42	Cush drive distance piece (1954)	1
94	B34	66–661	Engine shaft shim (drive side)	1
95	B34	65–2045	Ball bearing (drive side)	1
96	B34	65–2240	Main bearing spring ring	1
98	B32 B34	24–724	Roller bearing (drive side)	1
99		65–1397	Bearing retaining plate (not required for above models)	1
100	B32 B34	65–479	Crankpin plug screw	1
101	B32 B34	66–545	Crankpin	1
102	B32 B34	66–1708	Cush drive bearing alignment washer (.064")	1
103	B32 B34	66–1707	Cush drive bearing alignment washer (.032")	1
104	B32 B34	66–630	Connecting rod thrust washer rivet	6
105	B32 B34	66–629	Connecting rod thrust washer	2
106	B32 B34	2–36	Crankpin key	1
107	B32 B34	65–1128	Engine shaft (drive side)	1
108	B32 B34	28–243	Crankcase drain plug	1
109	B32 B34	2–4553	Crankcase drain plug washer	1
110	B32 B34	29–4662	Saddle washer (magneto strap)	1
111	B32 B34	2–923	Strap clip bolt washer (plain)	1
112	B32 B34	29–4661	Strap clip bolt	1
113	B32 B34	24–2113	Oil flinger	1
114	B32 B34	27–1239	Engine shaft rivet	14
115	B32	65–1123	Flywheel with engine shaft assembled (drive side)	1
115	B34	65–1233	Flywheel with engine shaft assembled (drive side)	1
116	B32 B34	15–1355	Crankcase connecting bolt	3
117	B32 B34	66–1717	Magneto dowel (B.T.H.)	4
118	B32 B34	66–2313	Magneto dowel (Lucas)	4

Plate 5

GEARBOX

B31 B33 Rigid and Spring

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	66–3140	Gearbox shell complete with fixed fittings	1
1	B31 B33	29–3250	Operating pedal spindle rubber	1
2	B31 B33	29–3242	Gearbox outer cover stud nut	4

Plate 5—*continued*

GEARBOX

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
3	B31 B33	65–3364	Outer cover inspection cap	1
4	B31 B33	65–3365	Outer cover inspection cap washer	1
5	B31 B33	66–3125	Gearbox outer cover	1
6	B31 B33	28–2080	Outer cover grease nipple	1
7	B31 B33	66–3065	Gearbox outer and inner cover screw	1
8	B31 B33	65–3397	Kickstarter crank rubber	3
9	B31 B33	15–4227	Ratchet lever sleeve bush	1
10	B31 B33	35–702	Clutch control lever split pin	1
11	B31 B33	15–1485	Clutch control lever nut	1
12	B31 B33	3–720	Clutch push rod lever adjusting screw nut	1
13	B31 B33	65–3403	Clutch push rod lever adjusting screw	1
14	B31 B33	2–525	Clutch control lever nut washer	1
15	B31 B33	65–3360	Clutch push rod lever	1
16	B31 B33	65–3383	Clutch control lever	1
17	B31 B33	65–3417	Gear change operating lever	1
18	B31 B33	2–2395	Pawl pivot locknut	1
19	B31 B33	15–4143	Pawl pivot nut	2
20	B31 B33	2–2578	Kickstarter crank cotter pin nut	2
21	B31 B33	15–5155	Kickstarter crank cotter pin washer	1
22	B31 B33	65–3381	Kickstart pedal	1
23	B31 B33	15–4142	Pawl (bottom)	1
24	B31 B33	15–4141	Pawl (top)	1
25	B31 B33	15–4161	Pawl return spring	1
26	B31 B33	15–4249	Pawl carrier arm (top)	1
27	B31 B33	15–4237	Pawl carrier arm (bottom)	1
28	B31 B33	15–4138	Pawl pivot	1
29	B31 B33	2–2579	Kickstarter crank cotter pin	2
30	B31 B33	2–2211	Operating plate and pawl arm stop screw	1
31	B31 B33	15–4139	Pawl carrier arm main spring	2
32	B31 B33	15–4229	Operating shaft	1
33	B31 B33	15–4228	Operating plate and pawl arm stop	1
34	B31 B33	36–382	Operating plate and pawl arm stop washer	1
35	B31 B33	2–49	Operating plate and pawl arm stop screw nut	2
36	B31 B33	15–4231	Operating plate	2
37	B31 B33	2–440	Operating shaft nut	1
38	B31 B33	15–39	Operating shaft washer	1
39	B31 B33	15–4226	Pedal shaft bush	1
—	B31 B33	15–4241	Indexing plunger complete	1
40	B31 B33	15–4223	Indexing plunger sleeve	1
41	B31 B33	15–4225	Indexing plunger spring	1
42	B31 B33	15–4224	Operating plate indexing plunger	1
43	B31 B33	15–4246	Inner cover and case locking strip	1
44	B31 B33	21–2888	Gearbox inner cover bolt	1
45	B31 B33	66–1910	Gearbox outer cover stud	2
46	B31 B33	15–4233	Gear control quadrant spacing collar	1
47	B31 B33	24–4237	Gearbox distance washer	1
48	B31 B33	15–4232	Gear operating lever locking washer	1
49	B31 B33	2–1813	Gear operating lever nut	1
50	B31	65–3940	Clutch push rod	1
50	B33	66–3067	Clutch push rod	1
51	B31 B33	67–3028	Gearbox inner cover ball journal spring ring	1
52	B31 B33	66–3079	Kickstarter ratchet	1
53	B31 B33	66–3080	Kickstarter ratchet pinion	1
54	B31 B33	66–3259	Kickstarter return stop rubber	1
55	B31 B33	66–3081	Kickstarter ratchet pinion sleeve	1
56	B31 B33	24–4256	Kickstarter ratchet spring	1
57	B31 B33	24–4282	Kickstarter ratchet pinion sleeve nut	1
58	B31 B33	15–4121	Kickstarter quadrant	1
59	B31 B33	66–3058	Kickstarter crank spring	1
60	B31 B33	2–3718	Kickstarter crank spring anchor pin	1
61	B31 B33	24–4258	Kickstarter quadrant bush	1
62	B31 B33	66–3131	Outer cover joint washer	1
63	B31 B33	65–3062	Gearbox cover and case screw	1
64	B31 B33	2–443	Kickstarter crank spring anchor pin nut	4
65	B31 B33	24–4255	Kickstarter ratchet pinion sleeve locknut	1
66	B31 B33	24–4278	Kickstarter ratchet pinion locking washer	1
67	B31 B33	2–525	Foot change operating pedal clamp bolt washer	1
68	B31 B33	65–3361	Foot change operating pedal clamp bolt	1
70	B31 B33	15–4206	Ratchet lever complete	1

Plate 5

GEARBOX

B31 B33 Rigid and Spring Frame

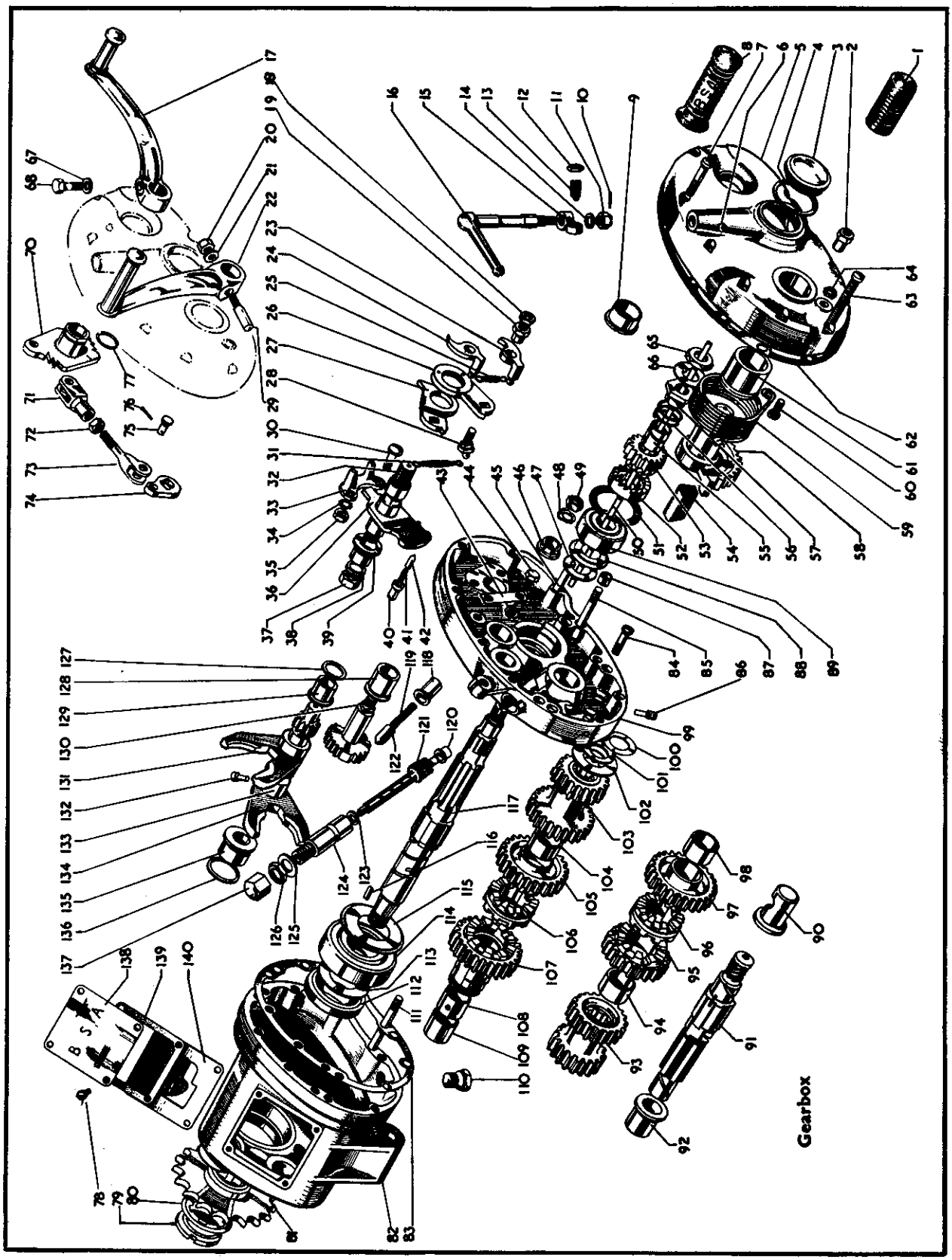


Plate 5—*continued*

GEARBOX

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	15–4253	Gear control link complete	1
71	B31 B33	15–4254	Gear control link yoke	1
72	B31 B33	24–563	Gear control link adjuster nut	1
73	B31 B33	15–4255	Gear control link adjuster	1
74	B31 B33	15–4239	Gear operating lever	1
75	B31 B33	15–4221	Gear control link pin	1
76	B31 B33	35–705	Gear control link pin split pin	2
77	B31 B33	15–4240	Operating shaft clip ring	1
78	B31 B33	27–4258	Gearbox inspection cover screw	1
79	B31 B33	24–4226	Gearbox sprocket locknut	4
80	B31 B33	24–4263	Gearbox sprocket nut locking washer	1
81	B31 B33	65–3506	Gearbox sprocket (19T)	1
82	B31 B33	66–3141	Gearbox shell only	1
83	B31 B33	66–3069	Inner joint washer	1
84	B31 B33	65–2157	Inner cover and case screw	1
85	B31 B33	65–3073	Gearbox outer cover stud	3
86	B31 B33	65–3400	Speedometer bush retaining pin	1
87	B31 B33	66–3074	Gearbox dowel	1
88	B31 B33	24–4236	Gearbox retaining washer (small)	2
89	B31 B33	24–4217	Gearbox inner cover ball journal	1
90	B31 B33	66–3133	Gearbox layshaft bush (long)	1
91	B31 B33	66–3132	Layshaft	1
92	B31 B33	24–4223	Gearbox layshaft bush (short)	1
93	B31 B33	24–4221	Layshaft gear (17T and 20T)	1
94	B31 B33	66–3214	Layshaft gear bush	1
95	B31 B33	66–3215	Layshaft gear (25T) with bush	1
96	B31 B33	24–4393	Gearbox dog clutch	1
97	B31 B33	66–3209	Layshaft gear (29T) with bush	1
98	B31 B33	66–3211	Layshaft gear bush	1
99	B31 B33	66–3128	Inner cover with fixed fittings	1
100	B31 B33	66–3072	Mainshaft packing washer (.010″)	1
101	B31 B33	66–3071	Mainshaft packing washer (.005″)	1
102	B31 B33	24–4235	Gearbox oil flinger washer	As required
103	B31 B33	24–4231	Mainshaft gear (20T and 16T)	1
104	B31 B33	66–3214	Mainshaft gear bush	1
105	B31 B33	66–3212	Mainshaft gear complete (25T)	1
106	B31 B33	24–4393	Gearbox dog clutch	1
107	B31 B33	15–4165	Pinion sleeve	1
108	B31 B33	66–3156	Pinion sleeve bush (drilled)	1
109	B31 B33	66–3155	Pinion sleeve bush	1
110	B31 B33	28–43	Gearbox drain plug	1
111	B31 B33	29–3304	Gearbox outer cover stud (long)	1
112	B31 B33	65–3508	Gearbox sprocket oil seal	2
113	B31 B33	65–3509	Gearbox sprocket oil seal washer	1
114	B31 B33	24–4065	Gearbox ballrace journal	1
115	B31 B33	24–4225	Gearbox oil retaining washer	1
116	B31 B33	2–433	Gearbox key (mainshaft)	1
117	B31 B33	15–4260	Gearbox mainshaft	1
118	B31 B33	24–4251	Gear control plunger cup	1
119	B31 B33	24–68	Gear control plunger spring	1
120	B31 B33	65–3377	Speedo driven gear bush (small)	1
121	B31 B33	65–3367	Speedo driven gear	1
122	B31 B33	15–4035	Gear control plunger	1
123	B31 B33	65–3375	Speedo driven gear thrust washer	1
124	B31 B33	65–3390	Speedo driven gear bush	1
125	B31 B33	65–3392	Speedo driven gear bush washer (fibre)	1
126	B31 B33	65–3391	Speedo driven gear bush nut	1
—	B31 B33	66–3288	Gear control shaft complete with forks	1
127	B31 B33	66–3087	Gear control shaft bush packing washer (small)	As required
128	B31 B33	24–4248	Gear control quadrant bush	1
129	B31 B33	24–4245	Gear control shaft bush (inner cover)	1
130	B31 B33	24–4247	Gear control quadrant	1
131	B31 B33	66–3290	Gear operating fork	1
132	B31 B33	66–3291	Gear control shaft peg	2
133	B31 B33	66–3083	Gear control shaft	1
134	B31 B33	66–3290	Gear operating fork	1
135	B31 B33	66–3084	Gear control shaft bush	1
136	B31 B33	66–3086	Gear control shaft bush packing washer	As required

Plate 5—*continued.* GEARBOX

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
137	B31 B33	65–3399	Speedo gear bush sealing nut (when speedo is not fitted)	1
138	B31 B33	66–3070	Gearbox inspection cover	1
139	B31 B33	15–4110	Gearbox inspection cover washer	2
140	B31 B33	24–4288	Gearbox oil baffle	1

Plate 6 GEARBOX

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B Group (swinging arm) B32 B34 (rigid)	67–3026	Ball bearing spring ring	1
2	B Group (swinging arm) B32 B34 (rigid)	67–3067	Gearbox sprocket oil seal	1
3	B Group (swinging arm) B32 B34 (rigid)	24–4065	Constant mesh gear ball bearing	1
4	B Group (swinging arm) B32 B34 (rigid)	67–3073	Constant mesh gear bush	1
5	B Group (swinging arm)	67–3192	Constant mesh gear complete (26T)	1
	B32 B34 (rigid)	67–3309	Constant mesh gear complete (26T)	1
6	B Group (swinging arm) B32 B34 (rigid)	67–3080	Constant mesh gear bush (drilled)	1
7	B Group (swinging arm)	67–3201	Mainshaft sliding gear (20T)	1
7	B32 B34 (rigid)	67–3301	Mainshaft sliding gear (17T)	1
7	B32 B34 (rigid)	67–3210	Mainshaft sliding gear (22T)	1
8	B Group (swinging arm)	67–3202	Mainshaft sliding gear (24T)	1
9	B Group (swinging arm)	67–3329	Gearbox mainshaft complete with gear	1
—	B Group (swinging arm)	67–3330	Gearbox mainshaft only	1
—	B32 B34 (rigid)	67–3313	Gearbox mainshaft only	1
10	B Group (swinging arm) B32 B34 (rigid)	2–433	Gearbox mainshaft key	1
11	B31 B33 (swinging arm)	42–3050	Clutch push rod	1
11	B32 B34 (rigid and swinging arm)	29–3860	Clutch push rod	1
12	B Group (swinging arm) B32 B34 (rigid)	67–3101	Mainshaft gear locating ring	1
13	B Group (swinging arm)	67–3191	Gearbox mainshaft gear (16T)	1
14	B Group (swinging arm) B32 B34 (rigid)	24–4217	Mainshaft bearing	1
15	B Group (swinging arm) B32 B34 (rigid)	67–3028	Mainshaft bearing spring ring	1
16	B Group (swinging arm) B32 B34 (rigid)	67–3161	Kickstarter ratchet pinion sleeve washer	1
17	B Group (swinging arm) B32 B34 (rigid)	67–3169	Kickstarter ratchet pinion bush	1
18	B Group (swinging arm) B32 B34 (rigid)	67–3162	Kickstarter ratchet spring	1
19	B Group (swinging arm) B32 B34 (rigid)	67–3168	Kickstarter ratchet pinion	1
20	B Group (swinging arm) B32 B34 (rigid)	67–3167	Kickstarter ratchet	1
21	B Group (swinging arm) B32 B34 (rigid)	67–3164	Kickstarter ratchet and mainshaft lockwasher	1
22	B Group (swinging arm) B32 B34 (rigid)	67–3163	Kickstarter ratchet and mainshaft nut	1
23	B Group (swinging arm) B32 B34 (rigid)	65–3380	Gear change operating lever	1
24	B Group (swinging arm) B32 B34 (rigid)	29–3250	Foot operating lever rubber	1

Plate 6

GEARBOX

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

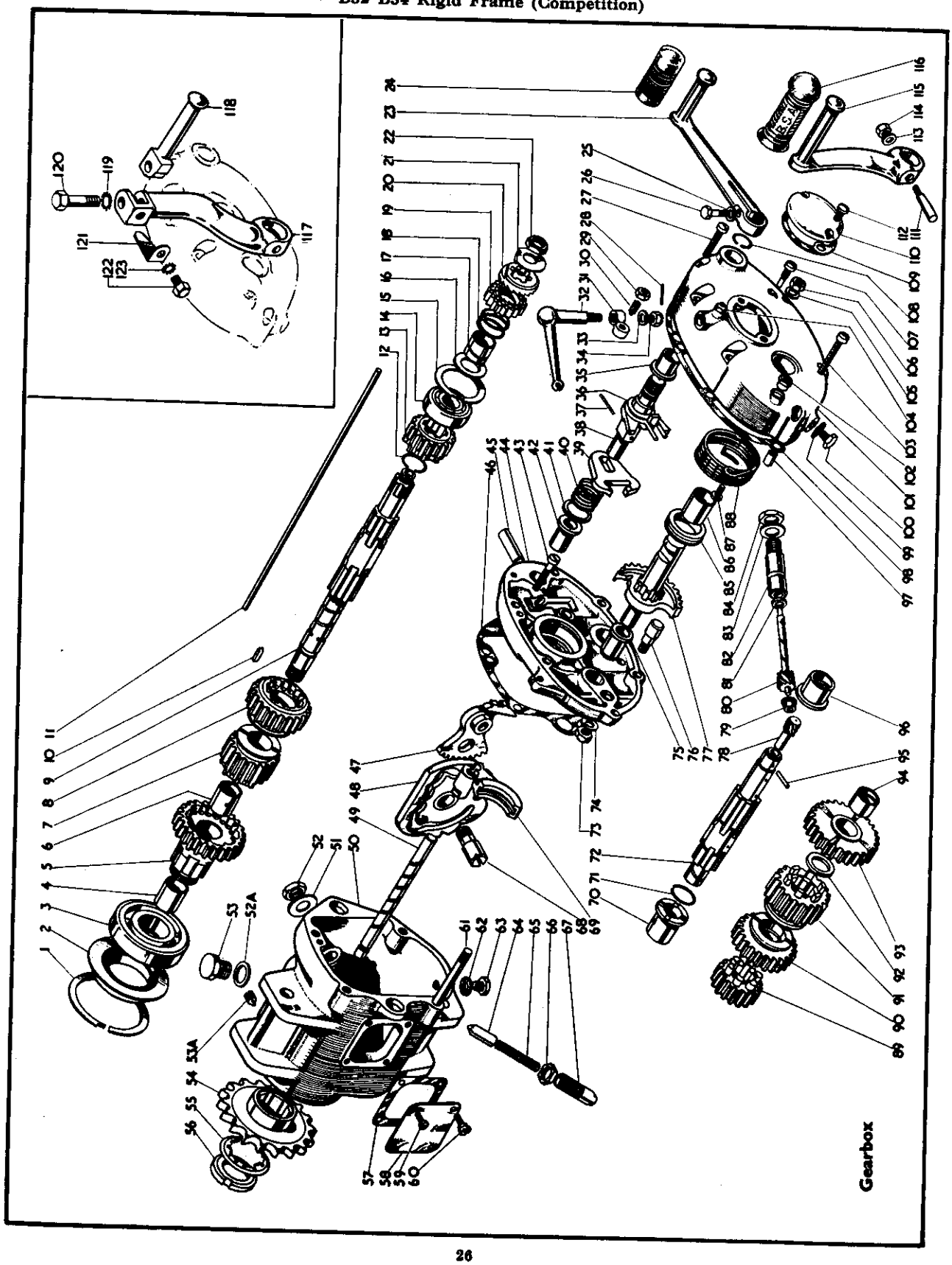


Plate 6—*continued* GEARBOX

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
25	B Group (swinging arm) B32 B34 (rigid)	2–525	Foot operating lever screw washer	1
26	B Group (swinging arm) B32 B34 (rigid)	65–3361	Selector lever foot operating screw	1
27	B Group (swinging arm) B32 B34 (rigid)	65–3061	Outer cover fixing screw (long)	2
28	B Group (swinging arm) B32 B34 (rigid)	35–702	Clutch push rod lever nut split pin	1
29	B Group (swinging arm) B32 B34 (rigid)	3–720	Clutch push rod lever adjusting screw nut	1
30	B Group (swinging arm) B32 B34 (rigid)	65–3403	Clutch push rod adjusting screw complete	1
31	B Group (swinging arm) B32 B34 (rigid)	65–3360	Clutch push rod lever	1
32	B Group (swinging arm) B32 B34 (rigid)	67–3180	Clutch operating lever complete	1
33	B Group (swinging arm) B32 B34 (rigid)	2–525	Clutch push rod lever washer	1
34	B Group (swinging arm) B32 B34 (rigid)	15–1485	Clutch push rod lever nut	1
35	B Group (swinging arm) B32 B34 (rigid)	67–3353	Gear change lever spindle bush	1
36	B Group (swinging arm) B32 B34 (rigid)	67–3340	Foot change stop plate return spring	1
37	B Group (swinging arm) B32 B34 (rigid)	35–709	Gear selector plate spring washer split pin	1
38	B Group (swinging arm) B32 B34 (rigid)	67–3335	Gear spindle complete	1
39	B Group (swinging arm) B32 B34 (rigid)	67–3341	Gear selector plate	1
40	B Group (swinging arm) B32 B34 (rigid)	67–3342	Gear selector plate spring	1
41	B Group (swinging arm) B32 B34 (rigid)	24–868	Gear selector plate spring washer	1
42	B Group (swinging arm) B32 B34 (rigid)	67–3170	Foot change lever spindle bush	1
43	B Group (swinging arm) B32 B34 (rigid)	65–2157	Gearbox inner cover retaining screw	1
44	B Group (swinging arm) B32 B34 (rigid)	67–3344	Gearbox inner cover complete	1
45	B Group (swinging arm) B32 B34 (rigid)	67–3350	Gear change quadrant pivot pin	1
46	B Group (swinging arm) B32 B34 (rigid)	67–3346	Gearbox inner cover joint washer (paper)	1
47	B Group (swinging arm) B32 B34 (rigid)	67–3347	Gear change quadrant complete	1
48	B Group (swinging arm) B32 B34 (rigid)	67–3332	Gear control cam plate complete	1
49	B Group (swinging arm) B32 B34 (rigid)	67–3116	Gear shifter fork shaft	1
50	B Group (swinging arm)	42–3006	Gearbox casing with fixed fittings	1
50	B32 B34 (rigid)	42–3008	Gearbox casing with fixed fittings	1
51	B Group (swinging arm) B32 B34 (rigid)	67–3328	Gear cam plate pivot pin washer	1
52	B Group (swinging arm) B32 B34 (rigid)	24–7000	Gear cam plate pivot pin nut	1
52A	B32 B34 (rigid)	24–8504	Gearbox casing plug washer	1
53	B32 B34 (rigid)	42–3049	Gearbox casing plug	1
53A	B Group (swinging arm) B32 B34 (rigid)	67–3117	Gear shifter fork shaft grub screw	1
54	B Group (swinging arm)	42–3015	Gearbox sprocket (16T)	1
54	B32 B34 (rigid)	42–3016	Gearbox sprocket (19T)	1
55	B Group (swinging arm) B32 B34 (rigid)	24–4263	Gearbox sprocket locking washer	1
56	B Group (swinging arm) B32 B34 (rigid)	67–3053	Gearbox sprocket nut	1
57	B Group (swinging arm) B32 B34 (rigid)	29–3449	Gearbox inspection cover washer	1

Plate 6—*continued*

GEARBOX

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
58	B Group (swinging arm) B32 B34 (rigid)	29–3448	Gearbox inspection cover	1
59	B Group (swinging arm) B32 B34 (rigid)	2–498	Gearbox inspection cover screw	1
60	B Group (swinging arm) B32 B34 (rigid)	27–4258	Gearbox inspection cover screw	3
61	B Group (swinging arm) B32 B34 (rigid)	67–3023	Gearbox outer cover stud	4
62	B Group (swinging arm) B32 B34 (rigid)	2–4553	Oil level drain plug washer (fibre)	1
63	B Group (swinging arm) B32 B34 (rigid)	28–243	Gearbox drain plug	1
64	B Group (swinging arm) B32 B34 (rigid)	67–3119	Gearbox control cam plate plunger	1
65	B Group (swinging arm) B32 B34 (rigid)	67–3121	Gear control cam plate plunger spring	1
66	B Group (swinging arm) B32 B34 (rigid)	67–3122	Gear control cam plate plunger housing nut	1
67	B Group (swinging arm) B32 B34 (rigid)	67–3120	Gear control cam plate plunger housing	1
68	B Group (swinging arm) B32 B34 (rigid)	67–3327	Gear cam plate pivot pin	1
69	B Group (swinging arm) B32 B34 (rigid)	67–3204	Gear shifter fork	2
70	B Group (swinging arm) B32 B34 (rigid)	67–3230	Layshaft bush	1
71	B Group (swinging arm) B32 B34 (rigid)	67–3101	Layshaft gear locating ring	1
72	B Group (swinging arm) B32 B34 (rigid)	42–3018	Layshaft complete with gear (17T)	1
—	B Group (swinging arm) B32 B34 (rigid)	42–3019	Layshaft only	1
73	B Group (swinging arm) B32 B34 (rigid)	2–49	Kickstarter quadrant stop nut	1
74	B Group (swinging arm) B32 B34 (rigid)	24–8784	Kickstarter quadrant stop washer	1
75	B Group (swinging arm) B32 B34 (rigid)	67–3151	Kickstarter spindle bush	1
76	B Group (swinging arm) B32 B34 (rigid)	67–3152	Kickstarter quadrant stop	1
77	B Group (swinging arm) B32 B34 (rigid)	67–3178	Kickstarter crank spindle assembly	1
78	B Group (swinging arm) B32 B34 (rigid)	67–3088	Speedometer driving gear (6T)	1
79	B Group (swinging arm) B32 B34 (rigid)	65–3377	Speedometer gear bush	1
80	B Group (swinging arm) B32 B34 (rigid)	67–3175	Speedometer driven gear (11T)	1
81	B Group (swinging arm) B32 B34 (rigid)	65–3375	Speedometer driven gear thrust washer	1
82	B Group (swinging arm) B32 B34 (rigid)	65–3390	Speedometer driven gear bush	1
83	B Group (swinging arm) B32 B34 (rigid)	65–3392	Speedometer driven gear bush washer (fibre)	1
84	B Group (swinging arm) B32 B34 (rigid)	65–3391	Speedometer driven gear bush nut	1
85	B Group (swinging arm) B32 B34 (rigid)	67–3173	Kickstarter spindle sleeve	1
86	B Group (swinging arm) B32 B34 (rigid)	67–3153	Kickstarter lever spindle bush	1
87	B Group (swinging arm) B32 B34 (rigid)	2–3718	Kickstarter spring screw	1
88	B Group (swinging arm) B32 B34 (rigid)	67–3174	Kickstarter spring	1
89	B Group (swinging arm) B32 B34 (rigid)	42–3020	Layshaft gear (17T)	1
90	B Group (swinging arm)	42–3023	Layshaft sliding gear (23T)	1
90	B32 B34 (rigid)	42–3025	Layshaft sliding gear (26T)	1

Plate 6—*continued* GEARBOX

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
90	B32 B34 (rigid)	67–3212	Layshaft sliding gear (21T)	1
91	B Group (swinging arm)	67–3198	Layshaft sliding gear (19T)	1
92	B Group (swinging arm) B32 B34 (rigid)	67–3203	Layshaft thrust washer	1
93	B Group (swinging arm)	67–3199	Layshaft gear complete (27T)	1
93	B32 B34 (rigid)	67–3213	Layshaft gear complete (29T)	1
94	B Group (swinging arm) B32 B34 (rigid)	67–3093	Layshaft gear bush	1
95	B Group (swinging arm) B32 B34 (rigid)	67–3128	Speedometer gear layshaft peg	1
96	B Group (swinging arm) B32 B34 (rigid)	67–3099	Layshaft bush	1
97	B Group (swinging arm) B32 B34 (rigid)	66–3074	Dowel	2
98	B Group (swinging arm) B32 B34 (rigid)	67–3354	Gearbox outer cover joint washer (paper)	1
99	B Group (swinging arm) B32 B34 (rigid)	2–4553	Oil level plug washer (fibre)	1
100	B Group (swinging arm) B32 B34 (rigid)	28–243	Oil level plug	1
101	B Group (swinging arm) B32 B34 (rigid)	67–3351	Gearbox outer cover complete	1
102	B Group (swinging arm) B32 B34 (rigid)	27–4401	Kickstarter spring screw locknut	1
103	B Group (swinging arm) B32 B34 (rigid)	67–1705	Outer cover fixing screw (short)	1
104	B Group (swinging arm) B32 B34 (rigid)	28–2080	Grease nipple	1
105	B Group (swinging arm) B32 B34 (rigid)	2–923	Outer cover fixing nut washer	4
106	B Group (swinging arm) B32 B34 (rigid)	67–3034	Outer cover fixing nut	4
107	B Group (swinging arm) B32 B34 (rigid)	67–3176	Speedometer driven gear retaining pin	1
108	B Group (swinging arm) B32 B34 (rigid)	15–4240	Gear change operating spindle circlip	1
109	B Group (swinging arm) B32 B34 (rigid)	67–3033	Inspection cover joint washer (fibre)	1
110	B Group (swinging arm) B32 B34 (rigid)	67–3024	Inspection cover	1
111	B Group (swinging arm) B32 B34 (rigid)	2–2579	Kickstarter crank cotter	1
112	B Group (swinging arm) B32 B34 (rigid)	24–7178	Inspection cover fixing screw	2
113	B Group (swinging arm) B32 B34 (rigid)	15–5155	Kickstarter crank cotter washer (plain)	1
114	B Group (swinging arm) B32 B34 (rigid)	2–2578	Kickstarter crank cotter nut	1
115	B Group (swinging arm)	65–3381	Kickstarter pedal	1
116	B Group (swinging arm) B32 B34 (rigid)	65–3397	Kickstarter pedal rubber	1
—	B32 B34 (swinging arm) B32 B34 (rigid)	42–3037	Kickstarter crank complete (folding type)	1
117	B32 B34 (swinging arm) B32 B34 (rigid)	42–3038	Kickstarter crank only (folding type)	1
118	B32 B34 (swinging arm) B32 B34 (rigid)	65–3427	Kickstarter crank pedal (folding type)	1
119	B32 B34 (swinging arm) B32 B34 (rigid)	66–4707	Kickstarter pedal washer (shakeproof)	1
120	B32 B34 (swinging arm) B32 B34 (rigid)	29–5156	Kickstarter pedal bolt	1
121	B32 B34 (swinging arm) B32 B34 (rigid)	65–3428	Kickstarter pedal spring	1
122	B32 B34 (swinging arm) B32 B34 (rigid)	2–220	Kickstarter crank spring bolt	1
123	B32 B34 (swinging arm) B32 B34 (rigid)	29–541	Kickstarter crank spring bolt washer (shakeproof)	1

Plate 7

CLUTCH and FRONT CHAINCASE

B31 B33 Rigid and Spring Frame

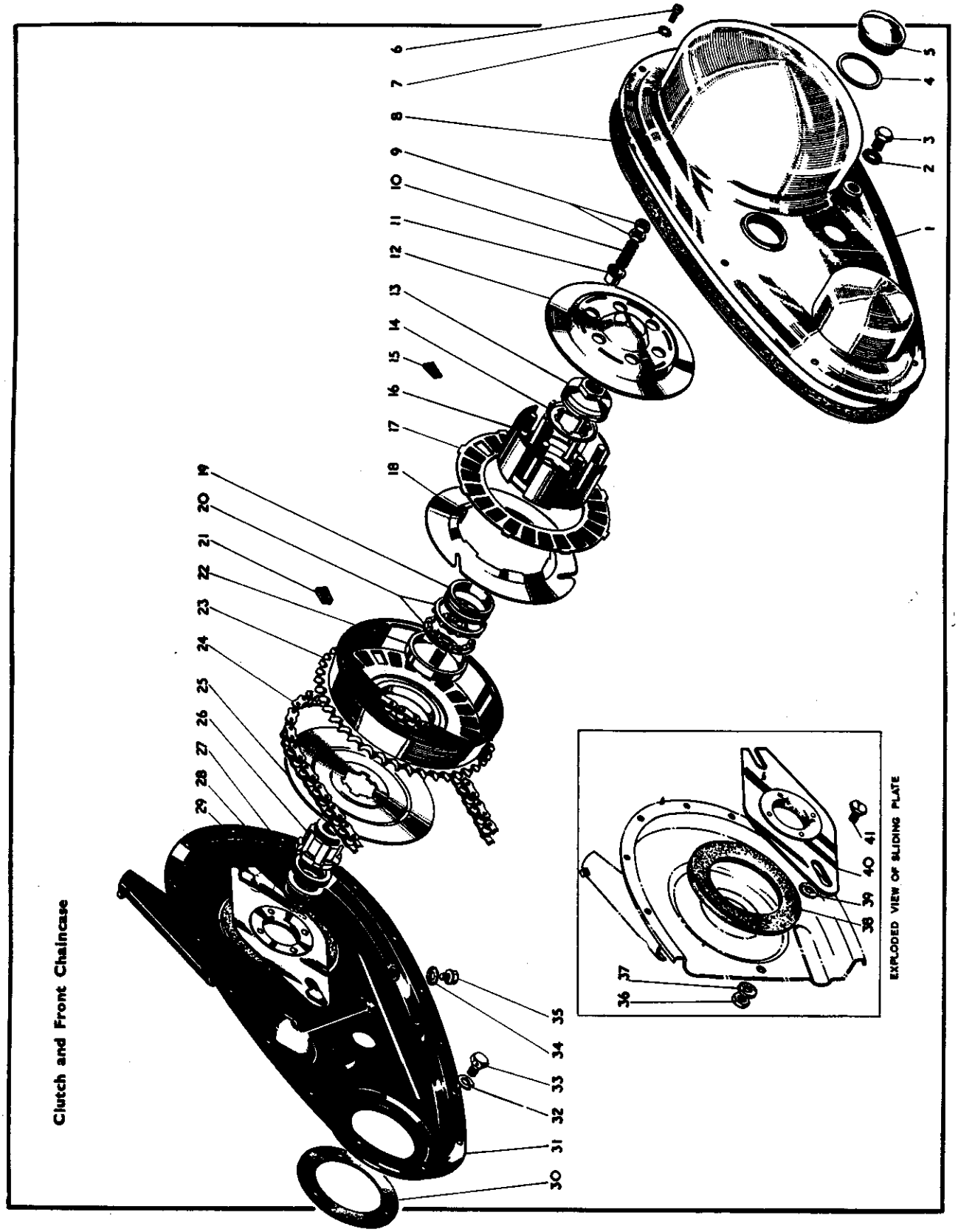


Plate 7 CLUTCH and FRONT CHAINCASE

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31	65–3938	Clutch complete	1
—	B33	66–3902	Clutch complete	1
1	B31 B33	65–7594	Front chaincase with fixed fittings	1
1	B31 B33	65–7584	Front chaincase with fixed fittings (1954)	1
2	B31 B33	2–930	Oil level drain plug washer (fibre)	1
3	B31 B33	66–7517	Oil level plug	1
4	B31 B33	67–42	Front chaincase inspection cap washer (fibre)	1
5	B31 B33	65–3364	Front chaincase inspection cap	1
6	B31 B33	1–4606	Chaincase fixing screw	16
7	B31 B33	29–3319	Chaincase fixing screw washer	16
8	B31 B33	66–7514	Chaincase joint washer (cork)	1
9	B31 B33	2–2395	Clutch spring retaining stud nut	12
10	B31 B33	66–3800	Clutch spring	6
11	B31 B33	66–3781	Clutch spring cup	6
12	B31 B33	65–3828	Clutch actuating cap complete	1
13	B31 B33	66–3787	Mainshaft nut	1
14	B31 B33	65–3822	Mainshaft nut locking washer	1
15	B31	65–3858	Clutch plate ferodo insert	72
15	B33	65–3858	Clutch plate ferodo insert	96
16	B31	66–3906	Clutch driving plate centre complete with studs	1
16	B33	66–3903	Clutch driving plate centre complete with studs	1
17	B31	65–3857	Clutch driving plate complete with inserts	3
17	B33	65–3857	Clutch driving plate complete with inserts	4
18	B31	29–3832	Clutch driven plate	1
18	B31	65–3824	Clutch driven plate	2
18	B33	65–3824	Clutch driven plate	4
19	B31 B33	65–3911	Clutch ballrace inner ring	1
20	B31 B33	65–3910	Clutch ballrace retaining ring complete with balls	2
21	B31	65–3811	Clutch chainwheel cork insert	24
21	B33	66–3891	Clutch chainwheel ferodo insert	24
22	B31 B33	65–3912	Clutch ballrace ring	1
23	B31	65–3922	Clutch chainwheel complete	1
23	B33	66–3908	Clutch chainwheel complete	1
24	B31	24–8931	Transmission chain (front)	1
24	B33	24–8932	Transmission chain (front)	1
25	B31 B33	65–3872	Clutch plate	1
26	B31 B33	65–3873	Clutch sleeve	1
27	B31 B33	65–3833	Clutch sleeve collar	1
28	B31 B33	66–3090	Gearbox and chaincase oil retaining washer	1
29	B31 B33	24–4232	Gearbox felt washer	1
30	B31 B33	66–7575	Chaincase and crankcase joint washer (Hallite)	1
31	B31 B33	65–7578	Chaincase back with sliding plate	1
32	B31 B33	24–8784	Chaincase securing bolt spring washer	3
33	B31 B33	65–7550	Chaincase securing bolt	3
34	B31 B33	66–7518	Oil level drain plug washer (fibre)	1
35	B31 B33	15–645	Oil level drain plug	1
36	B31 B33	2–443	Chaincase sliding plate bolt nut	2
37	B31 B33	2–1374	Chaincase sliding plate bolt washer	2
38	B31 B33	15–8814	Chaincase back felt washer	1
39	B31 B33	66–7518	Chaincase sliding plate bolt washer (fibre)	2
40	B31 B33	66–7520	Chaincase sliding plate complete	1
41	B31 B33	66–7523	Chaincase sliding plate bolt	2

Plate 8 CLUTCH and FRONT CHAINCASE

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 (swinging arm)	65–3938	Clutch complete	1
—	B32 B33 B34 (swinging arm)	66–3902	Clutch complete	1
—	B32 B34 (rigid)	42–3052	Clutch complete	1
1	B Group (swinging arm) B32 B34 (rigid)	67–1706	Primary chaincase front fixing screw	3

e 8

CLUTCH and FRONT CHAINCASE

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

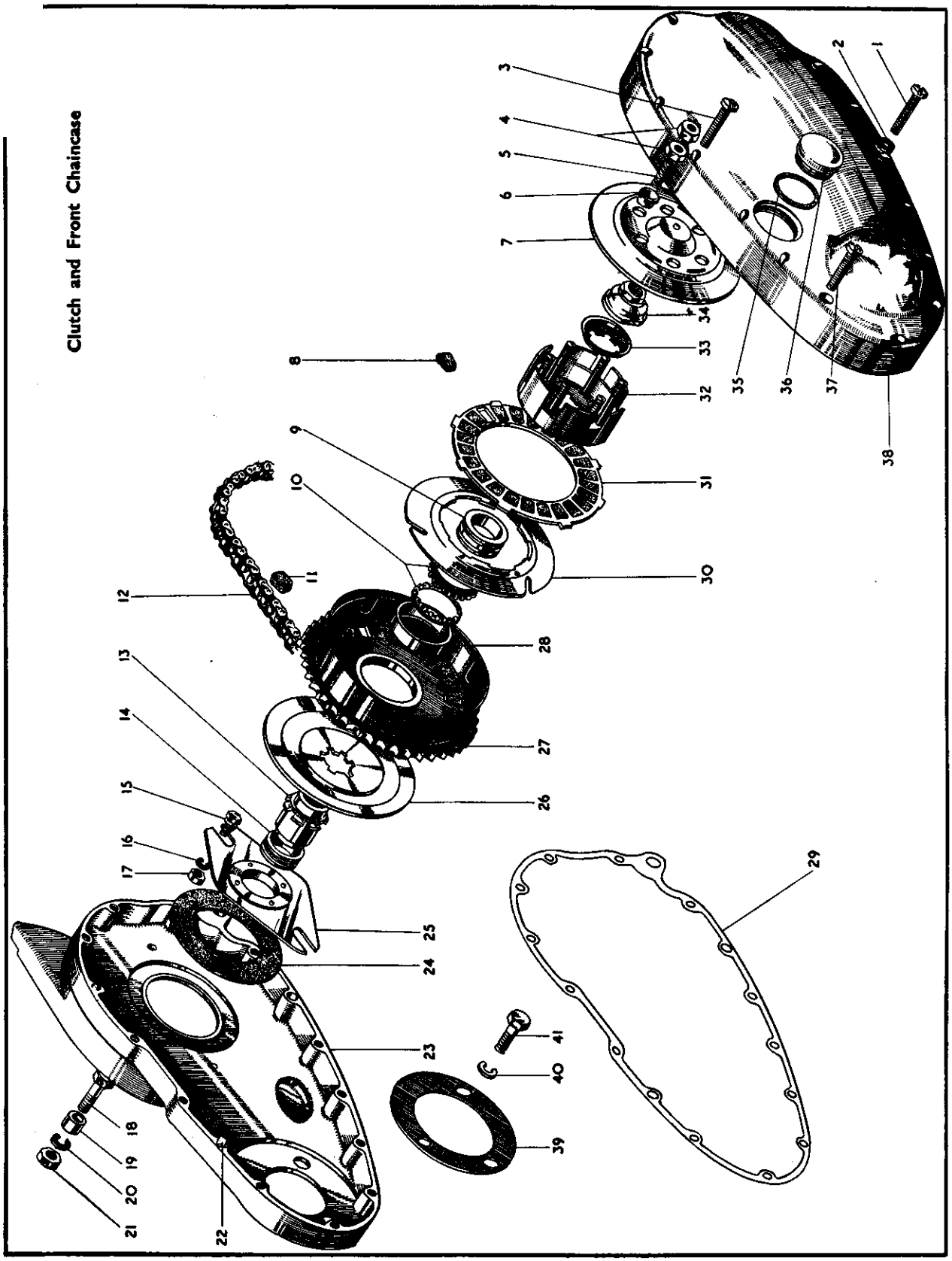


Plate 8—*continued* CLUTCH and FRONT CHAINCASE

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B Group (swinging arm) B32 B34 (rigid)	67–1711	Primary chaincase oil level and drain screw	2
2	B Group (swinging arm) B32 B34 (rigid)	67–1709	Primary chaincase oil level and drain screw washer (fibre)	2
3	B Group (swinging arm) B32 B34 (rigid)	65–3063	Primary chaincase front fixing screw	7
4	B Group (swinging arm) B32 B34 (rigid)	2–2395	Clutch spring retaining stud nut	12
5	B Group (swinging arm) B32 B34 (rigid)	66–3800	Clutch spring	6
6	B Group (swinging arm) B32 B34 (rigid)	66–3781	Clutch spring cup	6
7	B Group (swinging arm)	65–3828	Clutch actuating cap complete	1
7	B32 B34 (rigid)	42–3056	Clutch actuating cap complete	1
8	B31 (swinging arm)	65–3858	Clutch plate ferodo insert	72
8	B32 B33 B34 (swinging arm)	65–3858	Clutch plate ferodo insert	96
8	B32 B34 (rigid)	65–3858	Clutch plate ferodo insert	120
9	B Group (swinging arm) B32 B34 (rigid)	65–3911	Clutch ballrace inner ring	1
10	B Group (swinging arm) B32 B34 (rigid)	65–3910	Clutch ballrace retaining ring	2
11	B31 (swinging arm)	65–3811	Clutch chainwheel cork insert	24
11	B32 B33 B34 (swinging arm) B32 B34 (rigid)	66–3891	Clutch chainwheel ferodo insert	24
12	B31 B32 (swinging arm) B32 (rigid)	24–8716	Primary chain	1
12	B33 B34 (swinging arm)	24–8930	Primary chain	1
12	B34 (rigid)	24–8931	Primary chain	1
13	B Group (swinging arm) B32 B34 (rigid)	65–3873	Clutch sleeve	1
14	B Group (swinging arm) B32 B34 (rigid)	65–3833	Clutch sleeve collar	1
15	B Group (swinging arm) B32 B34 (rigid)	66–7523	Primary chaincase sliding plate bolt	2
16	B Group (swinging arm) B32 B34 (rigid)	2–1462	Primary chaincase sliding plate bolt washer (spring)	2
17	B Group (swinging arm) B32 B34 (rigid)	2–443	Primary chaincase sliding plate bolt nut	2
18	B Group (swinging arm)	65–109	Primary chaincase back fixing bolt	1
18	B32 B34 (rigid)	27–6312	Primary chaincase back fixing bolt	1
19	B Group (swinging arm)	15–7563	Primary chaincase back fixing bolt distance collar	1
	B32 B34 (rigid)	2–923	Primary chaincase back fixing bolt distance washer	1
20	B Group (swinging arm)	35–33	Primary chaincase back fixing bolt washer (spring)	1
20	B32 B34 (rigid)	24–8784	Primary chaincase back fixing bolt washer (spring)	1
21	B Group (swinging arm) B32 B34 (rigid)	2–49	Primary chaincase back fixing bolt nut	1
22	B Group (swinging arm) B32 B34 (rigid)	66–3074	Primary chaincase dowel	2
23	B Group (swinging arm)	42–7502	Primary chaincase (back)	1
23	B32 B34 (rigid)	42–7512	Primary chaincase (back)	1
24	B Group (swinging arm) B32 B34 (rigid)	42–7504	Primary chaincase back washer (felt)	1
25	B Group (swinging arm) B32 B34 (rigid)	66–7520	Primary chaincase sliding plate complete	1
26	B Group (swinging arm) B32 B34 (rigid)	65–3872	Clutch plate	1
27	B31 (swinging arm)	65–3922	Clutch chainwheel complete	1
27	B32 B33 B34 (swinging arm)	42–3054	Clutch chainwheel complete	1
27	B32 B34 (rigid)	66–3908	Clutch chainwheel complete	1
28	B Group (swinging arm) B32 B34 (rigid)	65–3912	Clutch ballrace ring	1
29	B Group (swinging arm) B32 B34 (rigid)	42–7507	Primary chaincase joint washer (paper)	1

Plate 8—*continued.* CLUTCH and FRONT CHAINCASE

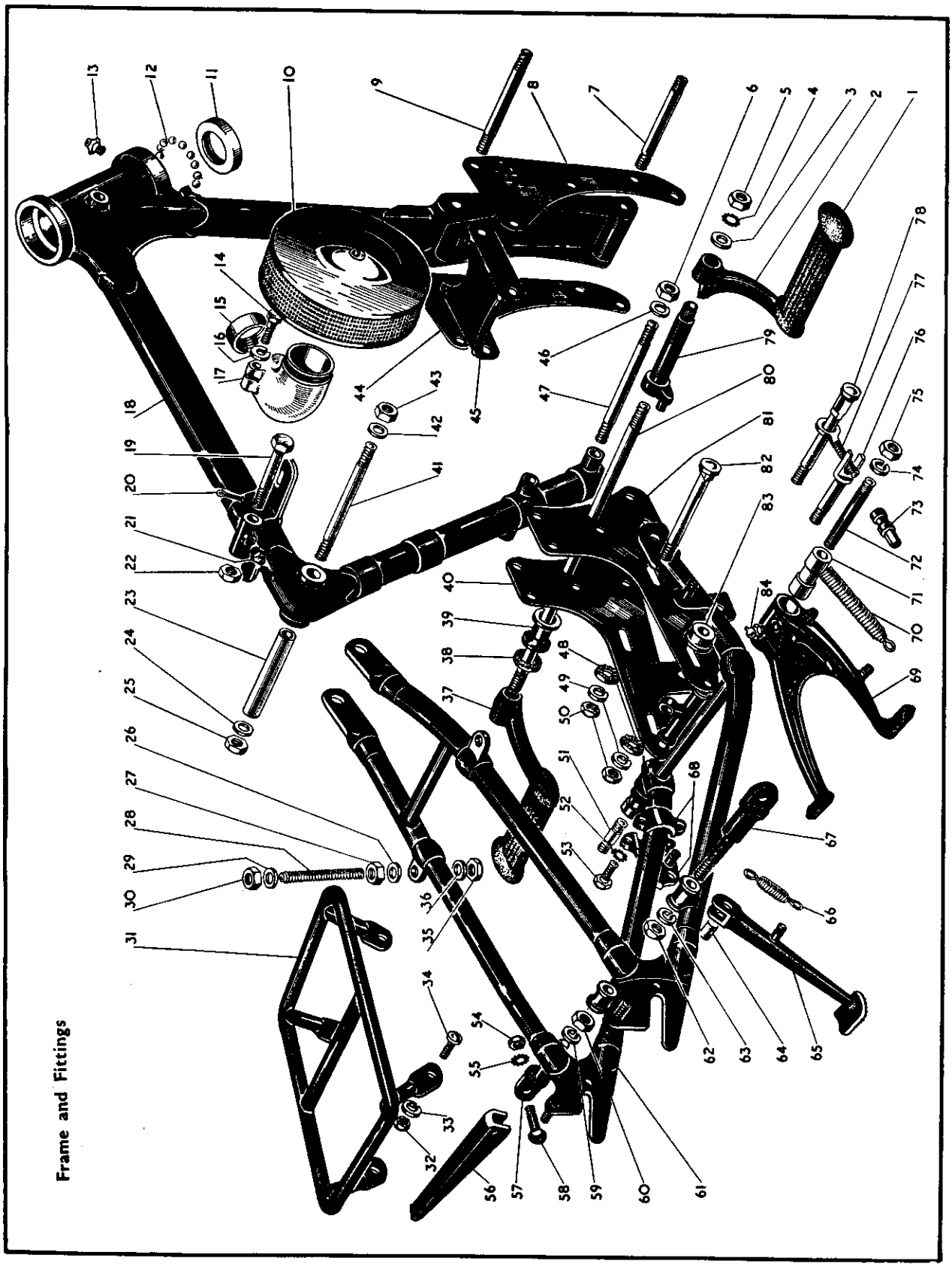
B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
30	B31 (swinging arm)	65–3824	Clutch driven plate	2
30	B31 (swinging arm)	29–3832	Clutch driven plate	1
30	B32 B33 B34 (swinging arm)	65–3824	Clutch driven plate	4
30	B32 B34 (rigid)	65–3824	Clutch driven plate	5
31	B31 (swinging arm)	65–3857	Clutch driving plate with inserts	3
31	B32 B33 B34 (swinging arm)	65–3857	Clutch driving plate with inserts	4
31	B32 B34 (rigid)	65–3857	Clutch driving plate with inserts	5
32	B31 (swinging arm)	66–3906	Clutch driving plate centre with studs	1
32	B32 B33 B34 (swinging arm) B32 B34 (rigid)	66–3903	Clutch driving plate centre with studs	1
33	B Group (swinging arm) B32 B34 (rigid)	65–3822	Mainshaft nut locking washer	1
34	B Group (swinging arm) B32 B34 (rigid)	66–3787	Mainshaft nut	1
35	B Group (swinging arm) B32 B34 (rigid)	67–42	Primary chaincase inspection cap washer (fibre)	1
36	B Group (swinging arm) B32 B34 (rigid)	65–3364	Primary chaincase inspection cap	1
37	B Group (swinging arm) B32 B34 (rigid)	42–7508	Primary chaincase front fixing screw	3
38	B Group (swinging arm) B32 B34 (rigid)	42–7506	Primary chaincase (front)	1
39	B Group (swinging arm) B32 B34 (rigid)	66–7575	Primary chaincase and crankcase joint washer	1
40	B Group (swinging arm) B32 B34 (rigid)	24–8784	Primary chaincase back securing bolt washer (spring)	3
41	B Group (swinging arm)	67–4028	Primary chaincase back securing bolt	3
41	B32 B34 (rigid)	65–7550	Primary chaincase back securing bolt	3

Plate 9

FRAME and FITTINGS

B31 B33 Rigid and Sprung Frame



FRAME and FITTINGS

B31 B33 Rigid and Spring Frame

e Ref. mber.	Models.	Part No.	Description.	Number per set.
1	B31 B33	29–7551	Footrest rubber	2
2	B31 B33	65–4891	Footrest bracket (offside)	1
3	B31 B33	24–5914	Footrest washer (plain)	2
4	B31 B33	65–695	Footrest washer (shakeproof)	2
5	B31 B33	15–5753	Footrest nut	2
6	B31 B33 (rigid)	2–46	Engine plate and chainstay nuts	19
6	B31 B33 (spring)	2–46	Engine plate and chainstay nuts	17
7	B31 B33 (rigid)	27–5684	Engine plate and front down tube stud	7
7	B31 B33 (spring)	27–5684	Engine plate and front down tube stud	7
8	B31 B33	65–4429	Engine plate (front) (offside)	1
9	B31 B33	27–5683	Engine plate down tube and exhaust pipe stud	1
9	B32 B34	27–5683	Engine plate and front down tube stud (when crankcase shield is fitted)	1
10	B31 B33	65–9196	Air cleaner	1
11	B31 B33	66–4149	Ball head cup	2
12	B31 B33	1/4″ dia.	Ball head cup steel balls	40
13	B31 B33	28–2080	Grease nipple	1
14	B31 B33	2–14	Air cleaner elbow bolt	1
15	B33	65–1237	Air cleaner adaptor	1
15	B31	65–1212	Air cleaner adaptor	1
16	B31 B33	29–541	Air cleaner elbow bolt washer	1
17	B31 B33	65–9198	Air cleaner elbow	1
18	B31 B33	65–4499	Frame front (up to 1954)	1
18	B31 B33 (spring)	65–4654	Frame front (1955)	1
19	B31 B33	33–4089	Saddle front connecting bolt	1
20	B31 B33 (rigid)	35–698	Saddle front connecting bolt split pin	1
20	B31 B33 (spring)	15–1266	Saddle front connecting bolt split pin	1
21	B31 B33	28–2080	Saddle front connecting bolt grease nipple	1
22	B31 B33	66–2810	Saddle front connecting bolt nut	1
23	B31 B33	65–4488	Seat lug and backstay locating tube	1
24	B31 B33	15–431	Seat lug and backstay washer (nearside)	1
25	B31 B33	2–1925	Seat lug and backstay stud nut (nearside)	1
26	B31 B33 (rigid)	2–923	Saddle rear fixing stud washer (centre)	2
26	B31 B33 (spring)	2–923	Saddle rear spring stud washer	4
27	B31 B33 (rigid)	2–49	Saddle rear fixing stud nut (centre)	2
27	B31 B33 (spring)	2–49	Saddle rear fixing stud nut	4
28	B31 B33 (rigid)	66–4647	Saddle rear fixing stud	2
28	B31 B33 (spring)	67–4040	Saddle rear fixing stud	2
29	B31 B33 (rigid)	2–923	Saddle rear fixing stud washer (top)	2
30	B31 B33 (rigid)	2–49	Saddle rear fixing stud nut (top)	2
31	B31 B33 (rigid)	65–6897	Carrier	1
32	B31 B33	2–2395	Carrier fixing screw nut	4
33	B31 B33	2–1462	Carrier fixing screw washer	4
34	B31 B33	15–7161	Carrier fixing screw	4
35	B31 B33 (rigid)	2–49	Saddle rear fixing stud nut (bottom)	2
36	B31 B33 (rigid)	2–923	Saddle rear fixing stud washer (bottom)	2
37	B31 B33	65–4890	Footrest bracket (nearside)	1
38	B31 B33	66–4902	Footrest washer (cork)	2
39	B31 B33	66–4903	Chaincase distance sleeve	2
40	B31 B33	65–4519	Gearbox engine plate (nearside)	1
41	B31 B33	66–4175	Backstay and seat lug stud	1
42	B31 B33	15–431	Seat lug and backstay washer (offside)	1
43	B31 B33	2–1925	Seat lug and backstay stud nut (nearside)	1
44	B31 B33	65–4429	Engine plate front (nearside)	1
45	B31 B33	65–4431	Engine plate cover (front)	1
46	B31 B33	2–522	Engine plate, chainstay and seat tube washer	19
47	B31 B33	66–4163	Engine plate, chainstay and seat tube stud	1
48	B31 B33	65–4189	Gearbox connecting bolt washer (serrated)	2
49	B31 B33	2–522	Gearbox connecting bolt washer (spring)	2
50	B31 B33	2–46	Gearbox connecting bolt nut	2
51	B31 B33 (rigid)	67–4032	Rear brake pedal and anchor strap stud	2
51	B31 B33 (spring)	67–4032	Rear brake pedal anchor stud	1
52	B31 B33	36–382	Prop stand clip bolt washer	2
53	B31 B33	28–2338	Prop stand clip bolt	2
54	B31 B33	24–6040	Pillion footrest swivel bolt nut	2
55	B31 B33	36–382	Pillion footrest swivel bolt washer	2
56	B31 B33	29–7561	Pillion footrest only	2
56*	B31 B33	29–7581	Pillion footrest (1955)	2
—*	B31 B33	29–7583	Pillion Footrest rubber (1955)	2

*For illustration see plate 12, page 43.

Plate 9—*continued* FRAME and FITTINGS

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	65–4928	Pillion footrest complete assembly (1955)	2
57	B31 B33	65–4895	Pillion footrest anchor bolt (nearside)	1
58	B31 B33	29–7564	Pillion footrest swivel bolt	2
59	B31 B33 (rigid)	2–522	Pillion footrest anchor bolt washer (nearside)	1
60	B31 B33 (rigid)	2–1813	Pillion footrest anchor bolt nut (nearside)	1
60	B31 B33 (spring)	2–46	Pillion footrest anchor bolt nut (nearside)	1
61	B31 B33 (rigid)	65–4511	Chainstay and backstay complete	1
62	B31 B33	2–46	Pillion footrest anchor bolt nut (offside)	1
63	B31 B33 (rigid)	2–522	Pillion footrest anchor bolt washer (offside)	1
64	B31 B33	65–4741	Prop stand pivot pin	1
65	B31 B33	65–4735	Prop stand leg	1
66	B31 B33	65–4742	Prop stand spring	1
67	B31 B33 (rigid)	65–4894	Pillion footrest anchor bolt (offside)	1
67	B31 B33 (spring)	65–4895	Pillion footrest anchor bolt (nearside)	1
68	B31 B33 (rigid)	65–4739	Prop stand lug	1
69	B31 B33	65–4755	Central stand	1
70	B31 B33	65–4727	Central stand spring	1
71	B31 B33	29–4840	Central stand engine plate distance piece	1
72	B31 B33	65–4728	Central stand stud	1
73	B31 B33	15–5664	Gearbox adjusting bolt nut	1
74	B31 B33	2–1967	Central stand stud spring washer	2
75	B31 B33	2–1925	Central stand stud nut	2
76	B31 B33	65–4516	Rear engine plate and chainstay bridge bolt	1
77	B31 B33	27–5710	Gearbox adjusting bolt	1
78	B31 B33	66–4168	Gearbox connecting bolt (rear)	1
79	B31 B33	65–4811	Footrest rod distance tube	2
80	B31 B33	66–4900	Footrest rod	1
81	B31 B33	65–4517	Gearbox engine plate (offside)	1
82	B31 B33	15–476	Gearbox connecting bolt (front)	1
83	B31 B33	66–4169	Gearbox connecting bolt collar	1
84	B31 B33	35–5016	Central stand grease nipple	1

Note : B31 B33 (rigid). For rear brake pedal see rear suspension illustration, page 39.

Plate 10 REAR SUSPENSION

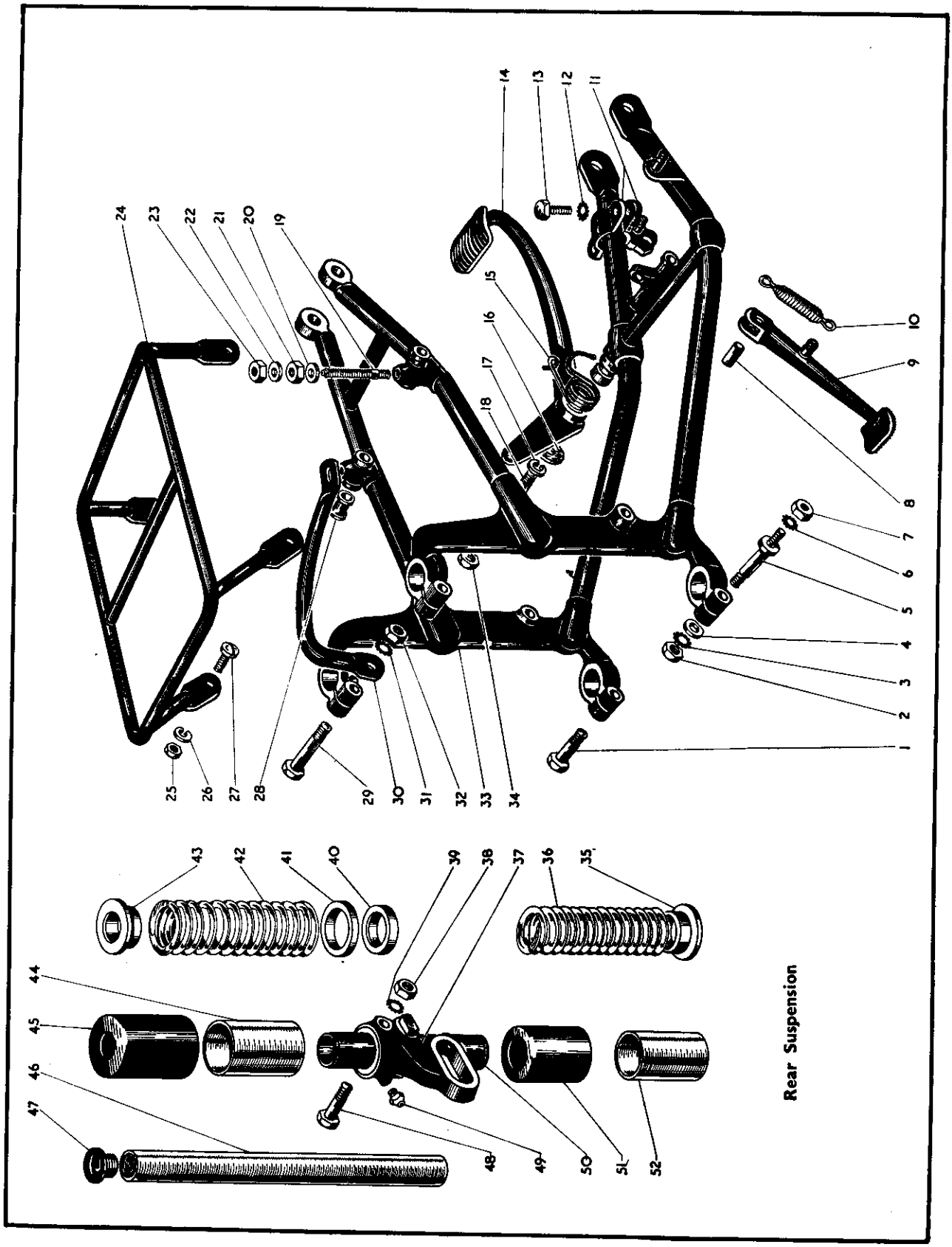
B31 B33 Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31 B33	3–1399	Plunger carrier column bolt or suspension bottom bracket bolt (nearside)	1
2	B31 B33	2–46	Plunger carrier column bolt nut	4
3	B31 B33	66–4707	Plunger carrier column bolt washer (shakeproof)	4
4	B31 B33	67–4129	Plunger carrier bottom clip and silencer support bolt distance piece	2
5	B31 B33	67–4128	Plunger carrier bottom clip and silencer support bolt	1
6	B31 B33	36–382	Plunger carrier bottom clip and silencer support bolt washer (shakeproof)	1
7	B31 B33	2–49	Plunger carrier bottom clip and silencer support bolt nut	1
8	B31 B33	65–4741	Prop stand pivot pin	1
9	B31 B33	65–4735	Prop stand leg	1
10	B31 B33	65–4742	Prop stand spring	1
11	B31 B33	65–4743	Prop stand lug complete	1
12	B31 B33	36–382	Prop stand clip bolt washer (shakeproof)	2
13	B31 B33	28–2338	Prop stand clip bolt	2
14	B31 B33	65–7060	Rear brake pedal	1
15	B31 B33	65–7063	Rear brake pedal return spring	1
16	B31 B33	30–196	Rear brake pedal washer (plain)	1
17	B31 B33	2–522	Rear brake pedal washer (spring)	1
18	B31 B33	67–4032	Rear brake pedal stud	1
19	B31 B33	67–4040	Saddle rear fixing stud	2
20	B31 B33	2–923	Saddle rear fixing stud washer	2
21	B31 B33	2–49	Saddle rear fixing stud nut	2
22	B31 B33	2–923	Saddle rear fixing stud washer	2
23	B31 B33	2–49	Saddle rear fixing stud nut	2
24	B31 B33	67–6921	Carrier complete	1
25	B31 B33	2–2395	Carrier fixing screw nut	4
26	B31 B33	2–1462	Carrier fixing screw washer (spring)	4
27	B31 B33	15–7161	Carrier fixing screw	4
28	B31 B33	67–6761	Horn and saddle spring distance piece	1
29	B31 B33	31–68	Plunger carrier column bolt (top)	2
30	B31 B33	67–4130	Lifting handle	1
31	B31 B33	66–4707	Plunger carrier column bolt (top) washer (shakeproof)	4
32	B31 B33	2–46	Plunger carrier column bolt (top) nut	4
33	B31 B33	65–4526	Chainstay and backstay complete	1
34	B31 B33	2–46	Rear brake pedal stud nut	1
35	B31 B33	89–4258	Rebound spring bottom collar	2
36	B31 B33	89–4259	Rebound spring bottom	2
37	B31 B33	67–4125	Rear spindle clamp lug (nearside)	1
37	B31 B33	67–4126	Rear spindle clamp lug (offside)	1
38	B31 B33	2–46	Clamp lug bolt nut	2
39	B31 B33	66–4707	Clamp lug bolt washer (shakeproof)	2
40	B31 B33	67–4127	Rebound spring top collar	2
41	B31 B33	67–4131	Plunger spring washer (bottom)	2
42	B31 B33	89–4049	Plunger spring (top)	2
43	B31 B33	89–4257	Plunger spring top collar	2
44	B31 B33	89–4249	Plunger spring inner shroud	2
45	B31 B33	89–4248	Plunger spring outer shroud	2
46	B31 B33	89–4041	Plunger carrier column assembly	2
47	B31 B33	89–4045	Plunger column screwed plug	2
48	B31 B33	3–1399	Clamp lug bolt	2
49	B31 B33	28–2080	Clamp lug grease nipple	2
50	B31 B33	89–4046	Plunger tube with bushes	2
51	B31 B33	89–4240	Rebound spring shroud (outer)	2
52	B31 B33	89–4241	Rebound spring shroud (inner)	2

Plate 10

REAR SUSPENSION

B31 B33 Spring Frame



FRAME and FITTINGS

B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B32 B34 (rigid)	65–4727	Central stand spring	1
2	B32 B34 (rigid)	42–4714	Central stand pivot stud	1
3	B32 B34 (rigid)	42–4713	Central stand distance tube	1
4	B32 B34 (rigid)	2–1945	Central stand pivot stud washer (plain)	1
5	B32 B34 (rigid)	2–1967	Central stand pivot stud washer (spring)	1
6	B32 B34 (rigid)	24–5860	Central stand pivot stud nut	2
7	B32 B34 (rigid)	42–4821	Footrest stud complete	1
8	B32 B34 (rigid)	42–4823	Footrest distance tube complete (offside)	1
9	B32 B34 (rigid)	42–4820	Footrest bracket (offside)	1
10	B32 B34 (rigid)	65–4182	Rear engine and gearbox stud (bottom rear)	1
11	B32 B34 (rigid)	2–1733	Rear engine and gearbox stud washer (plain)	4
12	B32 B34 (rigid)	2–522	Rear engine and gearbox stud washer (spring)	4
13	B32 B34 (rigid)	42–4077	Gearbox pivot stud	1
14	B32 B34 (rigid)	2–1945	Gearbox pivot stud washer (plain)	2
15	B32 B34 (rigid)	2–46	Rear Engine and gearbox stud nut	4
16	B32 B34 (rigid)	2–1967	Gearbox pivot stud washer (spring)	2
17	B32 B34 (rigid)	2–1925	Gearbox pivot stud nut	2
18	B32 B34 (rigid)	27–5683	Rear engine and gearbox stud (bottom front)	1
19	B32 B34 (rigid)	2–1733	Rear engine and gearbox stud washer (plain)	2
20	B32 B34 (rigid)	2–522	Rear engine and gearbox stud washer (spring)	2
21	B32 B34 (rigid)	2–46	Rear engine and gearbox stud nut	2
—	B32 B34 (rigid)	42–4780	Prop stand assembly	1
22	B32 B34 (rigid)	67–4903	Prop stand leg complete	1
23	B32 B34 (rigid)	2–1945	Prop stand pivot pin washer	1
24	B32 B34 (rigid)	35–710	Prop stand pivot pin split pin	1
25	B32 B34 (rigid)	65–4742	Prop stand spring	1
26	B32 B34 (rigid)	27–5683	Crankcase fixing stud (bottom rear)	1
27	B32 B34 (rigid)	2–1733	Crankcase fixing stud washer (plain)	2
28	B32 B34 (rigid)	2–522	Crankcase fixing stud washer (spring)	2
29	B32 B34 (rigid)	2–46	Crankcase fixing stud nut	2
30	B32 B34 (rigid)	67–4907	Prop stand pivot pin	1
31	B32 B34 (rigid)	42–4781	Prop stand lug complete	1
32	B32 B34 (rigid)	36–382	Prop stand lug clip bolt washer (shakeproof)	2
33	B32 B34 (rigid)	28–2338	Prop stand lug clip bolt	2
34	B32 B34 (rigid)	2–1309	Front engine plate cover screw	6
35	B32 B34 (rigid)	29–3319	Front engine plate cover screw washer (shakeproof)	6
36	B32 B34 (rigid)	42–4125	Front engine plate cover	1
37	B32 B34 (rigid)	66–4149	Ball head cup	2
38	B32 B34 (rigid)	42–4160	Frame complete with fixed fittings	1
39	B32 B34 (rigid)	28–2080	Ball head grease nipple	1
40	B32 B34 (rigid)	42–4078	Petrol tank fixing bolt socket	1
41	B32 B34 (rigid)	29–8740	Petrol tank fixing bolt socket tab washer	1
42	B32 B34 (rigid)	2–923	Saddle front fixing bolt washer (plain)	1
43	B32 B34 (rigid)	2–49	Saddle front fixing bolt nut	1
44	B32 B34 (rigid)	42–4070	Front engine plate distance tube	1
45	B32 B34 (rigid)	27–5690	Front engine plate stud (top)	1
46	B32 B34 (rigid)	2–522	Front engine plate stud washer (spring)	4
47	B32 B34 (rigid)	2–46	Front engine plate stud nut	4
48	B32 B34 (rigid)	2–46	Crankcase fixing stud nut	6
49	B32 B34 (rigid)	2–522	Crankcase fixing stud washer (spring)	6
50	B32 B34 (rigid)	2–1733	Crankcase fixing stud washer (plain)	6
51	B32 B34 (rigid)	27–5683	Crankcase fixing stud	3
52	B32 B34 (rigid)	42–4070	Front engine plate distance tube	1
53	B32 B34 (rigid)	42–4099	Front engine plate stud (bottom)	1
54	B32 B34 (rigid)	42–4124	Rear engine and gearbox plate (bottom)	2
55	B32 B34 (rigid)	65–4182	Crankcase fixing stud (top rear)	1
56	B32 B34 (rigid)	2–1733	Crankcase fixing stud washer (plain)	2
57	B32 B34 (rigid)	42–4071	Front engine plate distance collar	1
58	B32 B34 (rigid)	42–4068	Front engine plate complete (offside)	1
58	B32 B34 (rigid)	42–4066	Front engine plate complete (nearside)	1
59	B32 B34 (rigid)	2–46	Crankcase fixing stud nut	2
60	B32 B34 (rigid)	2–522	Crankcase fixing stud washer (spring)	2
61	B32 B34 (rigid)	2–1925	Gearbox locking stud nut	1
62	B32 B34 (rigid)	2–1967	Gearbox locking stud washer (spring)	1
63	B32 B34 (rigid)	42–4190	Gearbox adjusting screw	1
64	B32 B34 (rigid)	42–4191	Gearbox adjusting screw nut	1
65	B32 B34 (rigid)	2–1616	Gearbox adjusting screw nut locknut	1
66	B32 B34 (rigid)	27–5705	Gearbox adjusting screw stop	1
67	B32 B34 (rigid)	42–4075	Gearbox locking stud washer (serrated)	1

Plate 11

FRAME and FITTINGS

B32 B34 Rigid Frame (Competition)

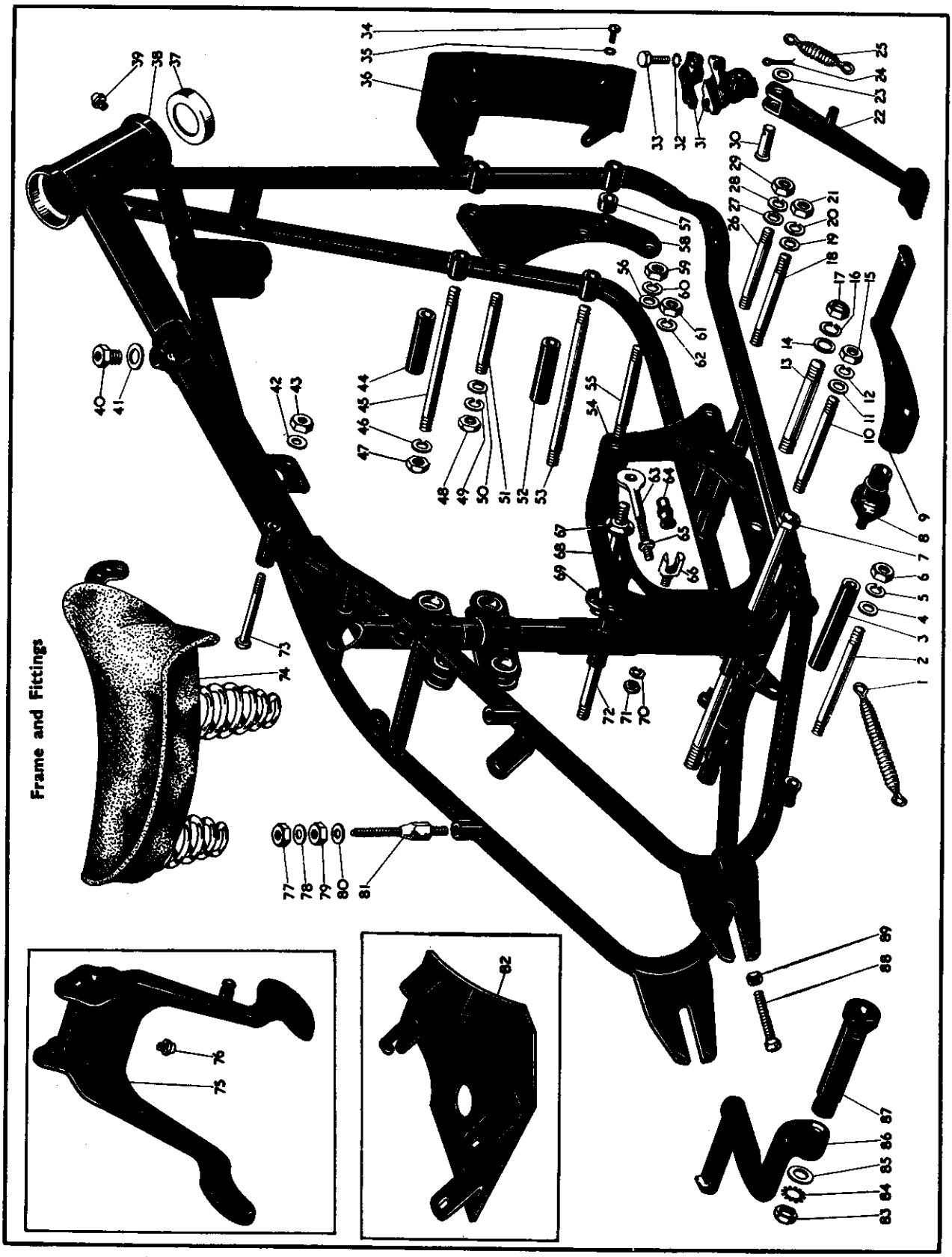


Plate 11—*continued* FRAME and FITTINGS

B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
68	B32 B34 (rigid)	42–4189	Rear engine and gearbox plate (top)	2
69	B32 B34 (rigid)	42–4074	Gearbox locking stud complete	1
70	B32 B34 (rigid)	2–1462	Gearbox adjusting screw stop washer (spring)	1
71	B32 B34 (rigid)	2–2395	Gearbox adjusting screw stop nut	1
72	B32 B34 (rigid)	65–4182	Rear engine and gearbox stud (top rear)	1
73	B32 B34 (rigid)	42–4199	Saddle front fixing bolt	1
74	B32 B34 (rigid)	42–9035	Saddle	1
75	B32 B34 (rigid)	42–4719	Central stand complete	1
76	B32 B34 (rigid)	28–2080	Central stand grease nipple	1
77	B32 B34 (rigid)	2–49	Saddle spring stud nut	2
78	B32 B34 (rigid)	2–923	Saddle spring stud washer (plain)	2
79	B32 B34 (rigid)	2–49	Saddle spring stud nut	2
80	B32 B34 (rigid)	2–923	Saddle spring stud washer (plain)	2
81	B32 B34 (rigid)	65–9217	Saddle spring stud (rear)	2
82	B32 B34 (rigid)	42–2001	Crankcase shield complete	1
83	B32 B34 (rigid)	15–5753	Footrest stud securing nut	1
84	B32 B34 (rigid)	65–695	Footrest stud washer (shakeproof)	1
85	B32 B34 (rigid)	24–5914	Footrest stud washer (plain)	1
86	B32 B34 (rigid)	42–4819	Footrest bracket (nearside)	1
87	B32 B34 (rigid)	65–4811	Footrest distance tube complete (nearside)	1
88	B32 B34 (rigid)	67–4800	Rear wheel adjusting screw	2
89	B32 B34 (rigid)	1–6032	Rear wheel adjusting screw nut	2

Plate 12 FRAME & FITTINGS

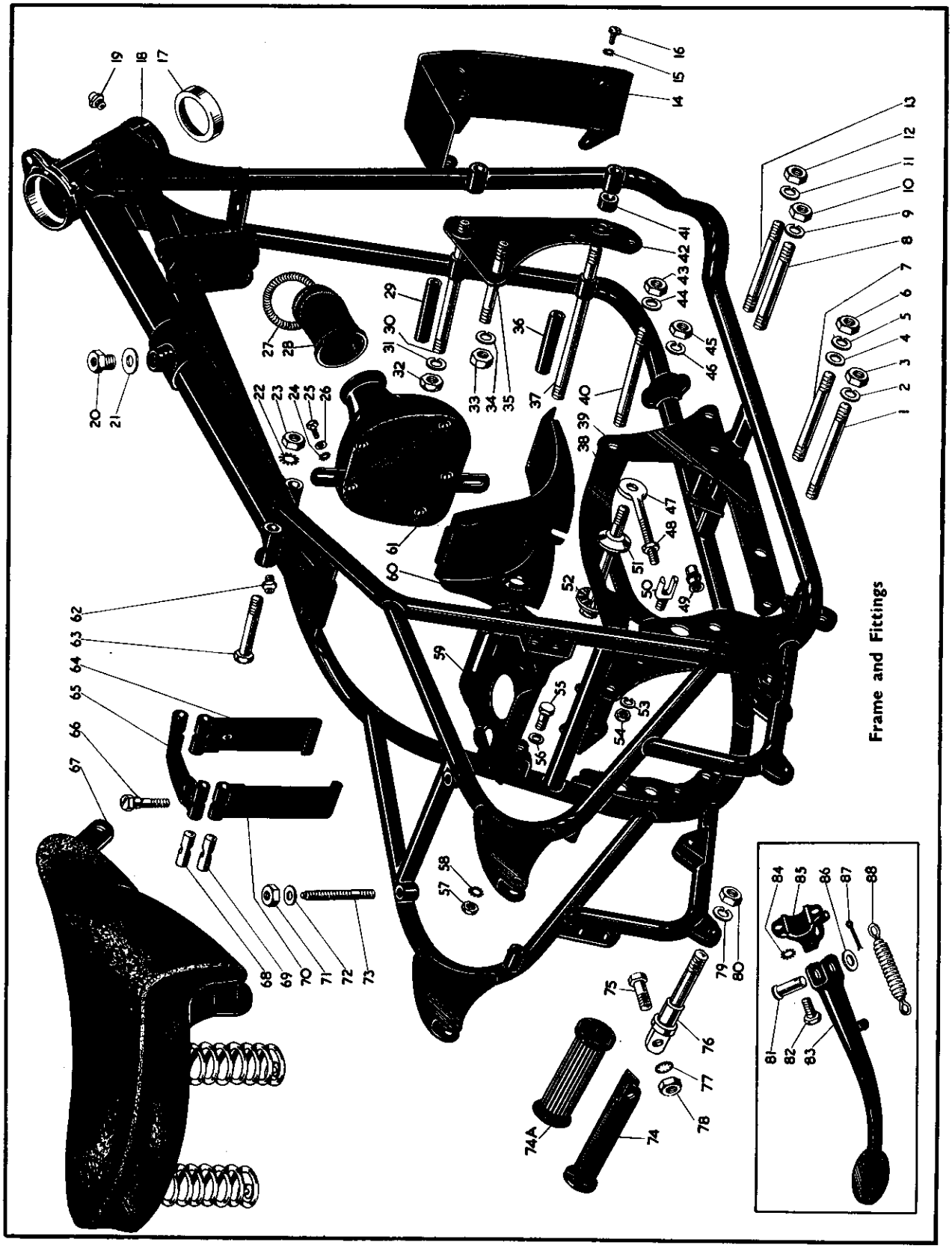
B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B Group (swinging arm)	65–4182	Rear engine and gearbox plate stud (top and bottom rear)	2
2	B Group (swinging arm)	2–522	Rear engine and gearbox plate stud washer (spring) (top and bottom rear)	4
3	B Group (swinging arm)	2–46	Rear engine and gearbox plate stud nut (top and bottom rear)	4
4	B Group (swinging arm)	2–1945	Gearbox pivot stud washer (plain)	2
5	B Group (swinging arm)	2–1967	Gearbox pivot stud washer (spring)	2
6	B Group (swinging arm)	2–1925	Gearbox pivot stud nut	2
7	B Group (swinging arm)	42–4077	Gearbox pivot stud	1
8	B Group (swinging arm)	27–5683	Rear engine and gearbox plate stud (bottom front)	1
9	B Group (swinging arm)	2–522	Rear engine and gearbox plate stud washer (spring) (bottom front)	2
10	B Group (swinging arm)	2–46	Rear engine and gearbox plate stud nut (bottom front)	2
11	B Group (swinging arm)	2–522	Crankcase and rear engine plate fixing stud washer (spring) (bottom)	2
12	B Group (swinging arm)	2–46	Crankcase and rear engine plate fixing stud nut (bottom)	2
13	B Group (swinging arm)	27–5683	Crankcase and rear engine plate stud (bottom)	1
14	B Group (swinging arm)	42–4125	Front engine plate cover	1
15	B Group (swinging arm)	29–3319	Front engine plate cover screw washer (shakeproof)	6
16	B Group (swinging arm)	2–1309	Front engine plate cover screw	6
17	B Group (swinging arm)	66–4149	Ball head cup	2
18	B Group (swinging arm)	42–4308	Frame complete with fixed fittings	1
18	B Group (swinging arm)	42–4210	Frame complete with fixed fittings (1954)	1
19	B Group (swinging arm)	28–2080	Ball head grease nipple	1
20	B Group (swinging arm)	42–4078	Petrol tank fixing bolt socket	1
21	B Group (swinging arm)	29–8740	Petrol tank fixing bolt socket tab washer	1
22	B Group (swinging arm)	66–4707	Saddle front fixing bolt washer (shakeproof)	1
23	B Group (swinging arm)	2–46	Saddle front fixing bolt nut	1
24	B31 B33 (swinging arm)	29–3319	Air cleaning fixing screw washer (shakeproof)	2

Plate 12

FRAME and FITTINGS

B Group Swinging Arm Frame



B Group Swinging Arm Frame

te Ref. mber.	Models.	Part No.	Description.	Number per set.
25	B31 B33 (swinging arm)	42–4574	Air cleaner fixing screw	2
26	B31 B33 (swinging arm)	2–1096	Air cleaner fixing screw washer (plain)	2
27	B31 B33 (swinging arm)	42–4587	Air cleaner rubber connection spring clip	1
28	B31 (swinging arm)	42–4568	Air cleaner rubber connection	1
28	B31 (swinging arm)	42–4567	Air cleaner rubber connection (1954)	1
28	B33 (swinging arm)	42–4568	Air cleaner rubber connection (1954)	1
28	B33 (swinging arm)	42–4586	Air cleaner rubber connection	1
29	B Group (swinging arm)	42–4070	Front engine plate and frame distance tube	1
30	B Group (swinging arm)	27–5690	Front engine plate frame stud (top)	1
31	B Group (swinging arm)	2–522	Front engine plate frame stud washer (spring)	4
32	B Group (swinging arm)	2–46	Front engine plate frame stud nut	4
33	B Group (swinging arm)	2–46	Crankcase front fixing stud nut	6
34	B Group (swinging arm)	2–522	Crankcase front fixing stud washer (spring)	6
35	B Group (swinging arm)	27–5684	Crankcase and front engine plate front fixing stud	3
36	B Group (swinging arm)	42–4070	Front engine plate and frame distance tube	1
37	B Group (swinging arm)	42–4099	Front engine plate stud (bottom) and horn fixing stud	1
38	B Group (swinging arm)	42–4072	Rear engine and gearbox plate (top)	2
39	B Group (swinging arm)	42–4073	Rear engine and gearbox plate (bottom)	2
40	B Group (swinging arm)	65–4182	Crankcase and rear engine plate top fixing stud	1
41	B Group (swinging arm)	42–4071	Front engine plate distance collar	2
42	B Group (swinging arm)	42–4068	Front engine plate (offside)	1
42	B Group (swinging arm)	42–4066	Front engine plate (nearside)	1
43	B Group (swinging arm)	2–46	Crankcase and rear engine plate top fixing stud nut	2
44	B Group (swinging arm)	2–522	Crankcase and rear engine plate top fixing stud washer (spring)	2
45	B Group (swinging arm)	2–1925	Gearbox locking stud nut	1
46	B Group (swinging arm)	2–1967	Gearbox locking stud washer (spring)	1
47	B Group (swinging arm)	42–4076	Gearbox adjusting screw	1
48	B Group (swinging arm)	2–1616	Gearbox adjusting screw locknut	1
49	B Group (swinging arm)	15–5664	Gearbox adjusting screw nut	1
50	B Group (swinging arm)	27–5705	Gearbox adjusting screw stop	1
51	B Group (swinging arm)	42–4075	Gearbox locking stud washer (serrated)	1
52	B Group (swinging arm)	42–4074	Gearbox locking stud complete	1
53	B Group (swinging arm)	2–1462	Gearbox adjusting screw stop washer (spring)	1
54	B Group (swinging arm)	2–2395	Gearbox adjusting screw stop nut	1
55	B Group (swinging arm)	24–6770	Battery base plate bolt	4
56	B Group (swinging arm)	2–923	Battery base plate bolt washer (plain)	2
57	B Group (swinging arm)	15–6524	Battery base plate bolt nut	2
58	B Group (swinging arm)	36–382	Battery base plate bolt washer (shakeproof)	4
59	B Group (swinging arm)	42–4515	Battery base plate	1
60	B Group (swinging arm)	42–4272	Rear engine plate cover complete	1
61	B31 B33 (swinging arm)	42–4583	Air cleaner complete	1
62	B Group (swinging arm)	28–2080	Saddle front fixing bolt grease nipple	1
63	B Group (swinging arm)	67–4030	Saddle front fixing bolt	1
—	B Group (swinging arm)	42–4514	Battery carrier complete	1
64	B Group (swinging arm)	42–4516	Battery strap (side) complete	1
65	B Group (swinging arm)	42–4502	Battery strap (top)	1
66	B Group (swinging arm)	42–4504	Battery strap bolt	2
67	B Group (swinging arm)	42–9032	Saddle (as required)	1
68	B Group (swinging arm)	42–4505	Battery strap swivel pin (plain hole)	2
69	B Group (swinging arm)	42–4506	Battery strap swivel pin (tapped hole)	2
70	B Group (swinging arm)	42–4503	Battery strap (side)	1
71	B Group (swinging arm)	2–49	Saddle rear fixing stud nut	4
72	B Group (swinging arm)	2–923	Saddle rear fixing stud washer (plain)	4
73	B Group (swinging arm)	67–4040	Saddle rear fixing stud	2
—	B Group (swinging arm)	42–4835	Pillion footrest complete assembly	2
74	B31 B33 (swinging arm)	29–7581	Pillion footrest only	2
74	B Group (swinging arm)	29–7561	Pillion footrest (1954)	2
74A	B31 B33 (swinging arm)	29–7583	Pillion footrest rubber	2
75	B Group (swinging arm)	29–7564	Pillion footrest swivel bolt	2
76	B Group (swinging arm)	29–7560	Pillion footrest anchor bolt	2
77	B Group (swinging arm)	36–382	Pillion footrest swivel bolt washer (shakeproof)	2
78	B Group (swinging arm)	24–6040	Pillion footrest swivel bolt nut	2
79	B Group (swinging arm)	2–522	Pillion footrest anchor bolt washer (spring)	2
80	B Group (swinging arm)	2–46	Pillion footrest anchor bolt nut	2
—	B Group (swinging arm)	42–4769	Prop stand assembly	1
81	B Group (swinging arm)	67–4907	Prop stand pivot pin	1
82	B Group (swinging arm)	28–2338	Prop stand lug clip bolt	2
83	B Group (swinging arm)	42–4772	Prop stand leg complete	1
84	B Group (swinging arm)	36–382	Prop stand lug clip bolt washer (shakeproof)	2

Plate 12—*continued* FRAME & FITTINGS

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
85	B Group (swinging arm)	42–4776	Prop stand lug body complete	1
86	B Group (swinging arm)	2–1945	Prop stand pivot pin washer (plain)	1
87	B Group (swinging arm)	35–710	Prop stand pivot pin split pin	1
88	B Group (swinging arm)	65–4742	Prop stand spring	1

Plate 13 REAR SUSPENSION

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B Group (swinging arm)	42–4719	Central stand complete	1
2	B Group (swinging arm)	28–2080	Central stand grease nipple	1
3	B Group (swinging arm)	65–4727	Central stand spring	1
4	B Group (swinging arm)	42–4713	Central stand distance tube	1
5	B Group (swinging arm)	42–4714	Central stand pivot stud	1
6	B Group (swinging arm)	2–1945	Central stand pivot stud washer (plain)	1
7	B Group (swinging arm)	2–1967	Central stand pivot stud washer (spring)	1
8	B Group (swinging arm)	24–5860	Central stand pivot stud nut	2
9	B Group (swinging arm)	42–4806	Footrest distance tube complete (offside)	1
10	B Group (swinging arm)	42–4804	Footrest bracket (offside)	1
11	B Group (swinging arm)	42–4808	Footrest stud complete	1
12	B Group (swinging arm)	29–7551	Footrest rubber	2
13	B Group (swinging arm)	42–4116	Swinging arm fork spindle locknut	1
14	B Group (swinging arm)	42–4117	Swinging arm fork spindle washer	1
15	B Group (swinging arm)	1–1796	Rear mudguard bracket and damper top fixing bolt nut	2
16	B Group (swinging arm)	2–522	Rear mudguard bracket and damper top fixing bolt washer (spring)	2
17	B Group (swinging arm)	42–6763	Rear mudguard bracket and damper spacing collar	2
18	B Group (swinging arm)	2–1733	Rear mudguard bracket and damper top fixing bolt washer (plain)	2
19	B Group (swinging arm)	65–4185	Rear mudguard bracket and damper top fixing bolt	2
20	B Group (swinging arm)	42–4294	Rear suspension damper spring	2
21	B Group (swinging arm)	42–4289	Rear suspension split ring retainer (retaining outer shroud) (two halves)	2
22	B Group (swinging arm)	42–4291	Rear suspension outer shroud	2
23	B Group (swinging arm)	66–2010	Swinging arm fork spindle securing bolt	1
24	B Group (swinging arm)	36–382	Swinging arm fork spindle securing bolt washer (shakeproof)	1
25	B Group (swinging arm)	42–4297	Rear suspension damper complete (spring 110 lbs. rate)	2
25	B Group (swinging arm)	42–4286	Rear suspension unit complete (1954)	1
25	B Group (swinging arm)	42–4300	Rear suspension damper complete (spring 130 lbs. rate)	2
26	B Group (swinging arm)	42–4112	Swinging arm fork spindle complete	1
27	B Group (swinging arm)	42–4115	Swinging arm housing "silent bloc"	2
28	B Group (swinging arm)	42–4292	Rear suspension inner shroud	2
29	B Group (swinging arm)	3–1399	Rear suspension damper bottom fixing bolt	2
30	B Group (swinging arm)	2–1733	Rear suspension damper bottom fixing bolt washer (plain)	2
31	B Group (swinging arm)	42–4155	Rear suspension mounting bush (rubber)	4
32	B Group (swinging arm)	42–4102	Swinging arm complete	1
33	B Group (swinging arm)	67–4129	Rear suspension damper bottom bolt washer	2
34	B Group (swinging arm)	66–4707	Rear suspension damper bottom bolt washer (shakeproof)	2
35	B Group (swinging arm)	2–46	Rear suspension damper bottom bolt nut	2
36	B Group (swinging arm)	1–6032	Adjusting screw locknut for rear wheel	2
37	B Group (swinging arm)	67–4800	Adjusting screw for rear wheel	2
38	B Group (swinging arm)	15–5753	Footrest stud securing nut	1
39	B Group (swinging arm)	65–695	Footrest stud washer (shakeproof)	1
40	B Group (swinging arm)	24–5914	Footrest stud washer (plain)	2
41	B Group (swinging arm)	42–4805	Footrest bracket (nearside)	1
42	B Group (swinging arm)	65–4811	Footrest distance tube complete (nearside)	1
43	B32 B34 (swinging arm)	27–5683	Crankcase fixing stud (front) (when crankcase shield is fitted)	1
44	B32 B34 (swinging arm)	42–2001	Crankcase shield complete	1

REAR SUSPENSION

B Group Swinging Arm Frame

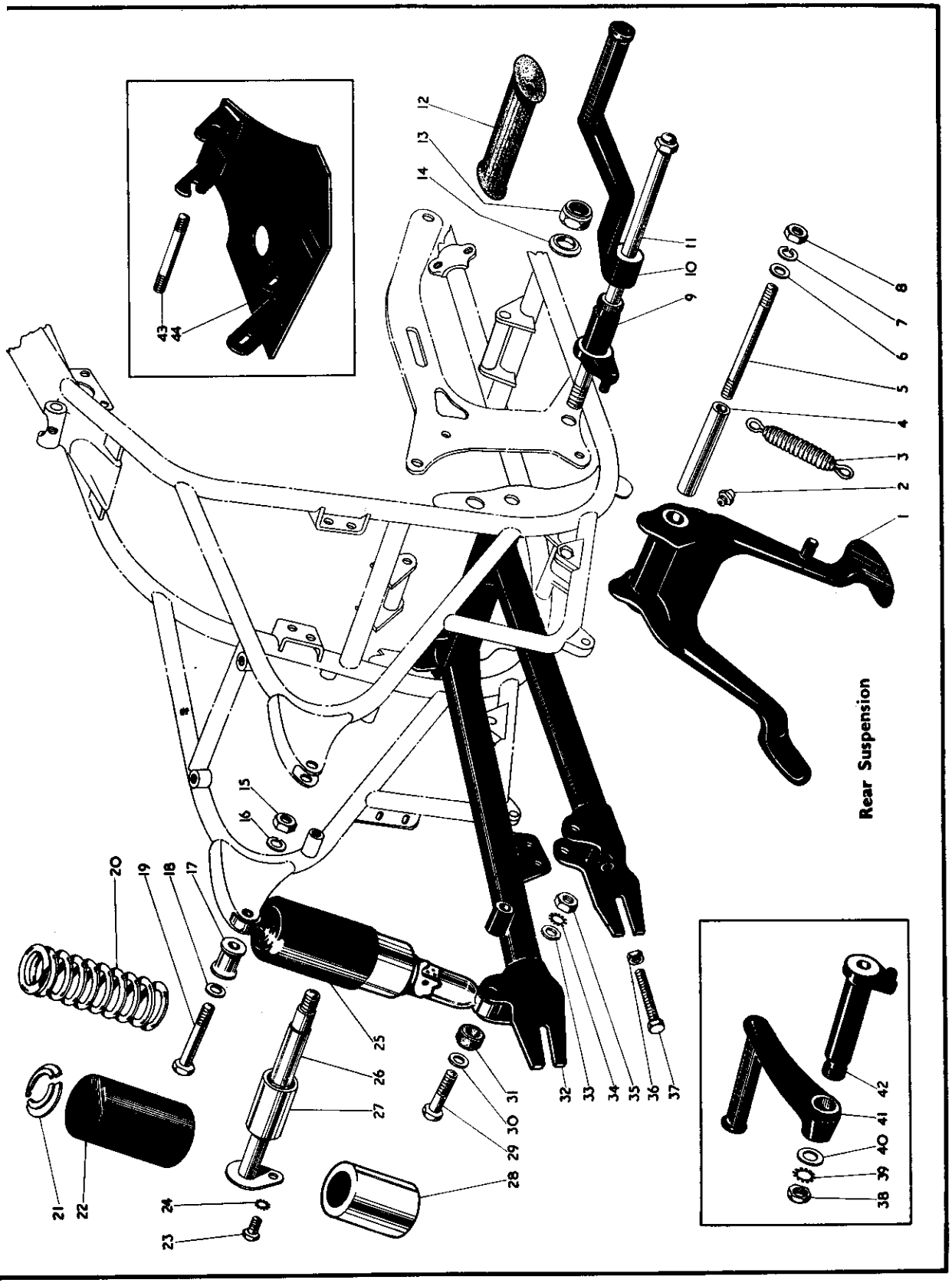


Plate 14 FRONT FORK and FITTINGS

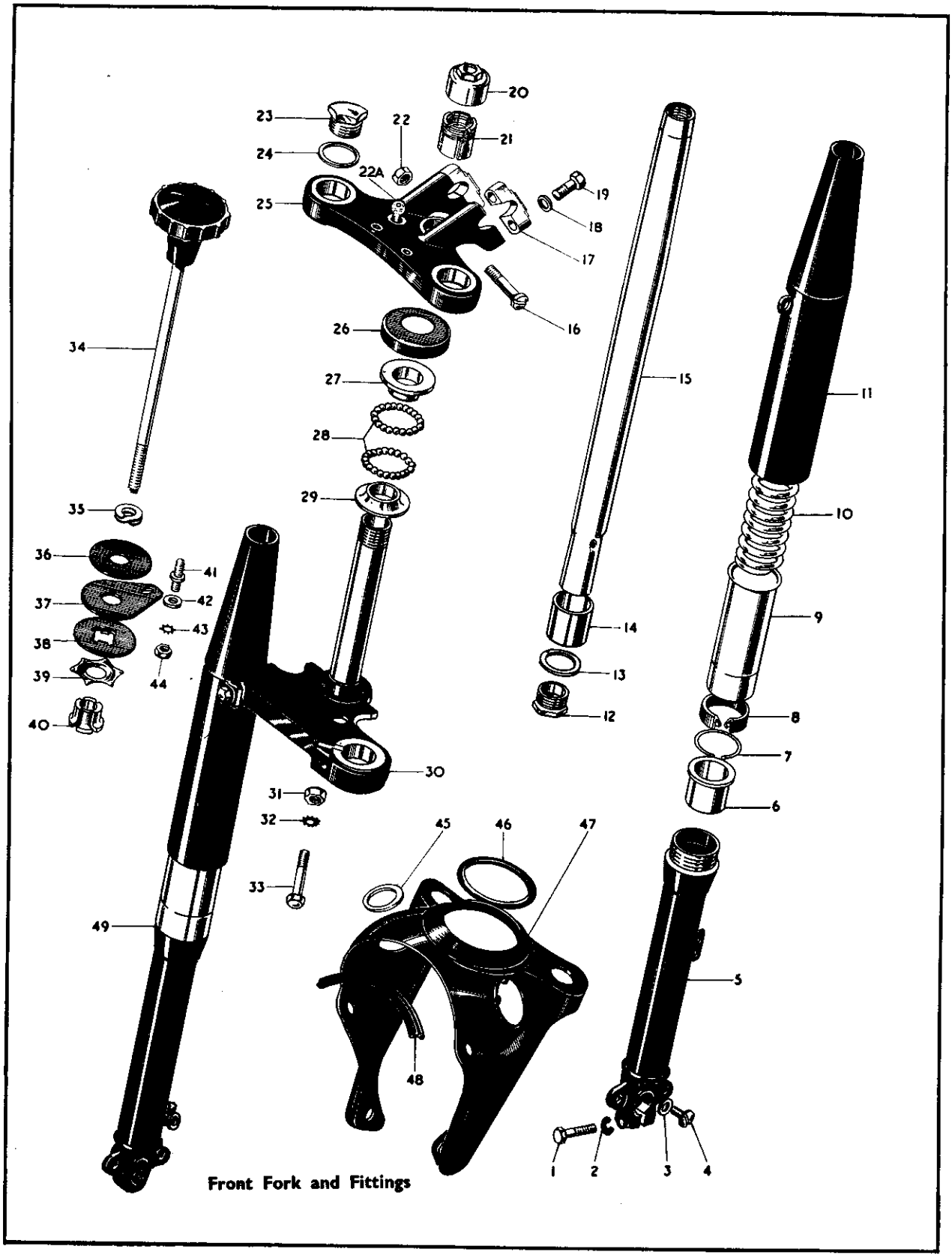
B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31	65–5443	Front forks complete assembly	1
—	B31	65–5432	Front forks complete assembly (1954)	1
—	B33	65–5444	Front forks complete assembly	1
—	B33	65–5433	Front forks complete assembly (1954)	1
1	B31 B33	65–5295	Fork end bolt (nearside)	1
2	B31 B33	2–2903	Fork end bolt spring washer	1
3	B31 B33	2–292	Fork end drain plug washer	2
4	B31 B33	2–1309	Fork end drain plug	2
5	B31	65–5408	Front fork sliding tube (nearside)	1
5	B33	67–5057	Front fork sliding tube (nearside)	1
6	B31 B33	29–5346	Front fork top bearing	2
7	B31 B33	29–5320	Front fork top bearing circlip	2
8	B31 B33	29–5313	Front fork oil seal	2
9	B31 B33	29–5310	Front fork oil seal holder	2
10	B31 B33	65–5390	Front fork spring	2
11	B31 B33	67–5009	Fork outer sleeve	2
12	B31 B33	29–5283	Front fork shaft plug	2
13	B31 B33	29–5338	Front fork shaft plug washer	2
14	B31 B33	29–5347	Front fork bottom bearing	2
15	B31 B33	67–5014	Front fork shaft	2
16	B31 B33	27–5135	Front fork top yoke clip bolt	1
17	B31 B33	65–5333	Handlebar clip	2
18	B31 B33	15–5155	Handlebar and yoke clip bolt washer	4
19	B31 B33	65–5334	Handlebar and yoke clip bolt	4
20	B31 B33	67–5024	Steering stem adjusting sleeve cap	1
21	B31 B33	67–5023	Steering stem adjusting sleeve	1
22	B31 B33	2–49	Steering damper anchor plate nut	1
22A	B31 B33	65–5445	Steering head lock	1
23	B31 B33	65–5331	Front fork tube nut	2
24	B31 B33	65–5332	Front fork tube nut washer	2
25	B31 B33	65–5448	Front fork top yoke	1
25	B31 B33	65–5431	Front fork top yoke (1954)	1
26	B31 B33	66–5204	Steering head dust cap	1
27	B31 B33	65–5126	Steering head ball race cone (tap)	1
28	B31 B33	1/4" dia.	Steering head balls	40
29	B31 B33	65–5127	Steering head ball race cone (bottom)	1
30	B31 B33	42–5012	Front fork bottom yoke	1
31	B31 B33	24–5160	Bottom yoke bolt nut	2
32	B31 B33	36–382	Bottom yoke bolt washer (shakeproof)	2
33	B33	29–5289	Bottom yoke bolt	2
33	B31	65–5435	Bottom yoke bolt	2
34	B31 B33	67–5021	Steering damper adjusting rod	1
35	B31 B33	24–6035	Steering damper knob spring washer	1
36	B31 B33	65–5380	Steering damper friction washer	1
37	B31 B33	27–5152	Steering damper anchor plate	1
38	B31 B33	25–5241	Steering damper bottom plate	1
39	B31 B33	25–5247	Steering damper star washer	1
40	B31 B33	65–5328	Steering damper centre	1
41	B31 B33	65–5327	Steering damper anchor plate stud	1
42	B31 B33	2–923	Steering damper anchor plate bolt washer	1
43	B31 B33	36–382	Steering damper anchor plate bolt washer (shakeproof)	1
44	B31 B33	2–49	Steering damper anchor plate bolt nut	1
45	B31 B33	67–5080	Headlamp cowl fixing support washer	2
46	B31 B33	67–5088	Speedo mounting rubber	1
47	B31 B33	67–5084	Headlamp cowl complete	1
48	B31 B33	65–5087	Rubber extrusion	1
49	B31	65–5410	Front fork sliding tube complete (o/s)	1
49	B33	65–5420	Front fork sliding tube complete (o/s)	1

Plate 14

FRONT FORK and FITTINGS

B31 B33 Rigid and Spring Frame



Front Fork and Fittings

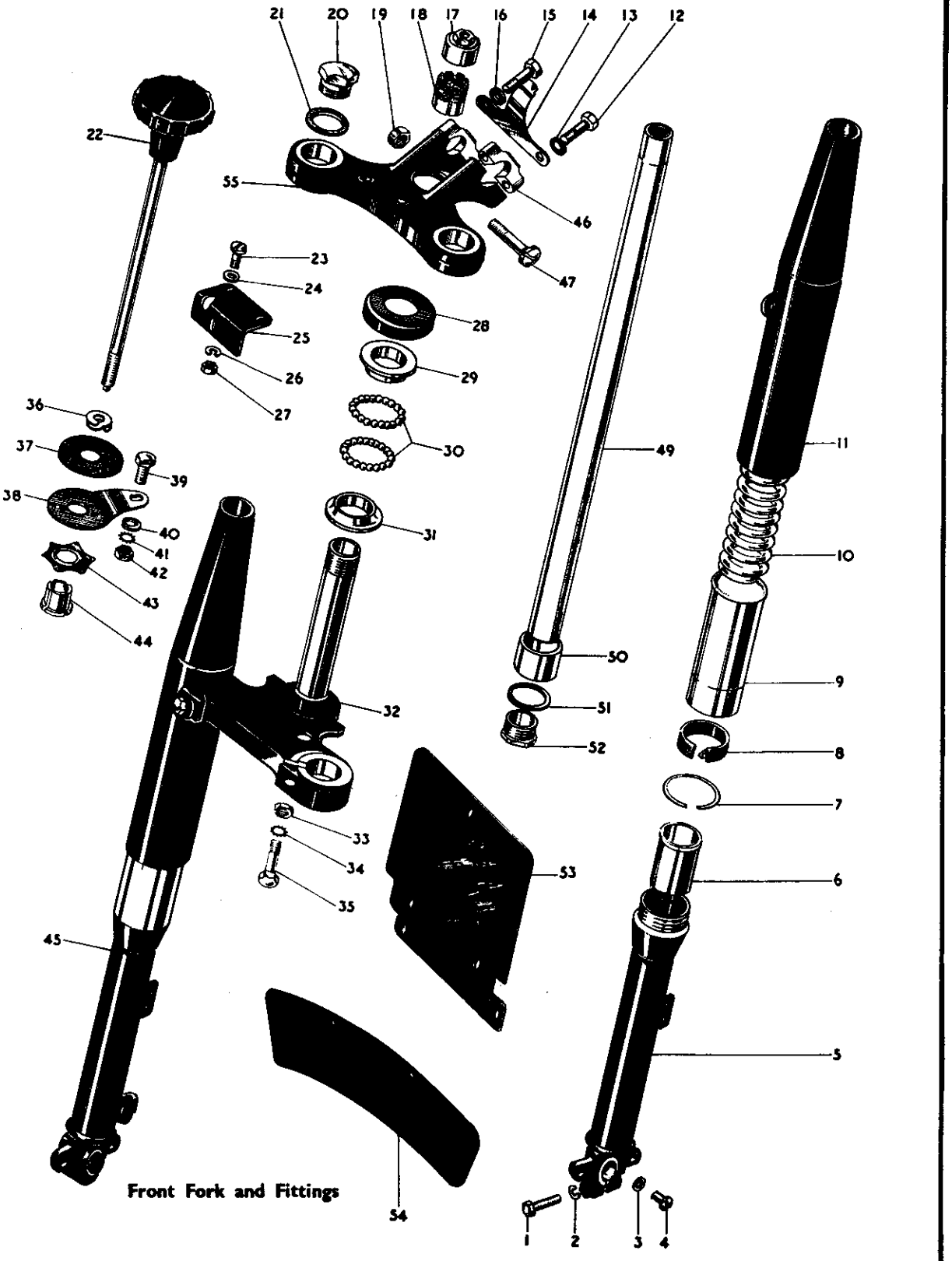
Plate 15 FRONT FORK (less Lighting Set)

B32 B34 Rigid Frame (Competition) 7″ Brake

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B32	42–5006	Front fork complete	1
1	B34	65–5295	Fork end bolt (nearside)	1
2	B32 B34	2–2903	Fork end bolt spring washer	1
3	B32 B34	2–292	Fork end drain plug washer	2
4	B32 B34	2–1309	Fork end drain plug	2
5	B32 B34	65–5408	Front fork sliding tube (nearside) complete	1
6	B32 B34	65–5424	Front fork top bearing	2
7	B32 B34	29–5320	Front fork top bearing circlip	2
8	B32 B34	29–5313	Front fork oil seal	2
9	B32 B34	29–5310	Front fork oil seal holder complete	2
10	B32 B34	65–5390	Front fork springs	2
11	B32 B34	67–5009	Fork outer sleeve	2
12	B32 B34	65–5334	Handlebar and yoke clip bolt	2
13	B32 B34	15–5155	Handlebar and yoke clip bolt washer	4
14	B32 B34	65–5426	Steering damper knob securing plate	1
15	B32 B34	2–6026	Handlebar clip and damper knob securing plate bolt	2
16	B32 B34	2–370	Handlebar clip and damper knob securing plate distance piece	2
17	B32 B34	67–5024	Steering stem adjusting sleeve cap	1
18	B32 B34	67–5023	Steering stem adjusting sleeve	1
19	B32 B34	2–46	Front fork top yoke clip bolt nut	1
20	B32 B34	65–5331	Front fork tube nut	2
21	B32 B34	65–5332	Front fork tube nut washer	2
22	B32 B34	67–5021	Steering damper adjusting rod complete	1
23	B32 B34	15–7161	Combined number plate screw	3
24	B32 B34	27–8560	Combined number plate screw washer	6
25	B32 B34	65–6617	Front number plate bracket	1
26	B32 B34	2–1462	Combined number plate screw spring washer	3
27	B32 B34	2–2395	Combined number plate screw nut	3
28	B32 B34	66–5204	Steering head dust cap	1
29	B32 B34	65–5126	Steering head ball race cone (tap)	1
30	B32 B34	1/4″ dia.	Steering head balls	40
31	B32 B34	65–5127	Steering head ball race cone (bottom)	1
32	B32 B34	42–5012	Front fork bottom yoke complete	1
33	B32 B34	24–5160	Bottom yoke bolt nut	2
34	B32 B34	36–382	Bottom yoke bolt washer (shakeproof)	2
35	B32 B34	29–5289	Bottom yoke bolt	2
36	B32 B34	24–6035	Steering damper knob spring washer	1
37	B32 B34	65–5380	Steering damper friction washer	1
38	B32 B34	42–5014	Steering damper anchor plate	1
39	B32 B34	28–2338	Steering damper anchor plate bolt	1
40	B32 B34	2–923	Steering damper anchor plate bolt washer	1
41	B32 B34	36–382	Steering damper anchor plate bolt washer (shakeproof)	1
42	B32 B34	2–49	Steering damper anchor plate bolt nut	1
43	B32 B34	24–5247	Steering damper star washer	1
44	B32 B34	65–5328	Steering damper centre	1
45	B32 B34	65–5410	Front fork sliding tube (offside) complete	1
46	B32 B34	65–5333	Handlebar clip	2
47	B32 B34	27–5135	Front fork top yoke clip bolt	1
49	B32 B34	89–5061	Front fork shaft	2
50	B32 B34	29–5347	Front fork bottom bearing	2
51	B32 B34	29–5338	Front fork shaft plug washer	2
52	B32 B34	29–5283	Front fork shaft plug	2
53	B32 B34	65–6616	Competition number plate (front)	1
54	B32 B34	65–6615	Registration number plate (front)	1
55	B32 B34	42–5011	Front fork top yoke	1

te 15 FRONT FORK and FITTINGS (LESS LIGHTING SET)

B32 B34 Rigid Frame (Competition) 7" Brake



Front Fork and Fittings

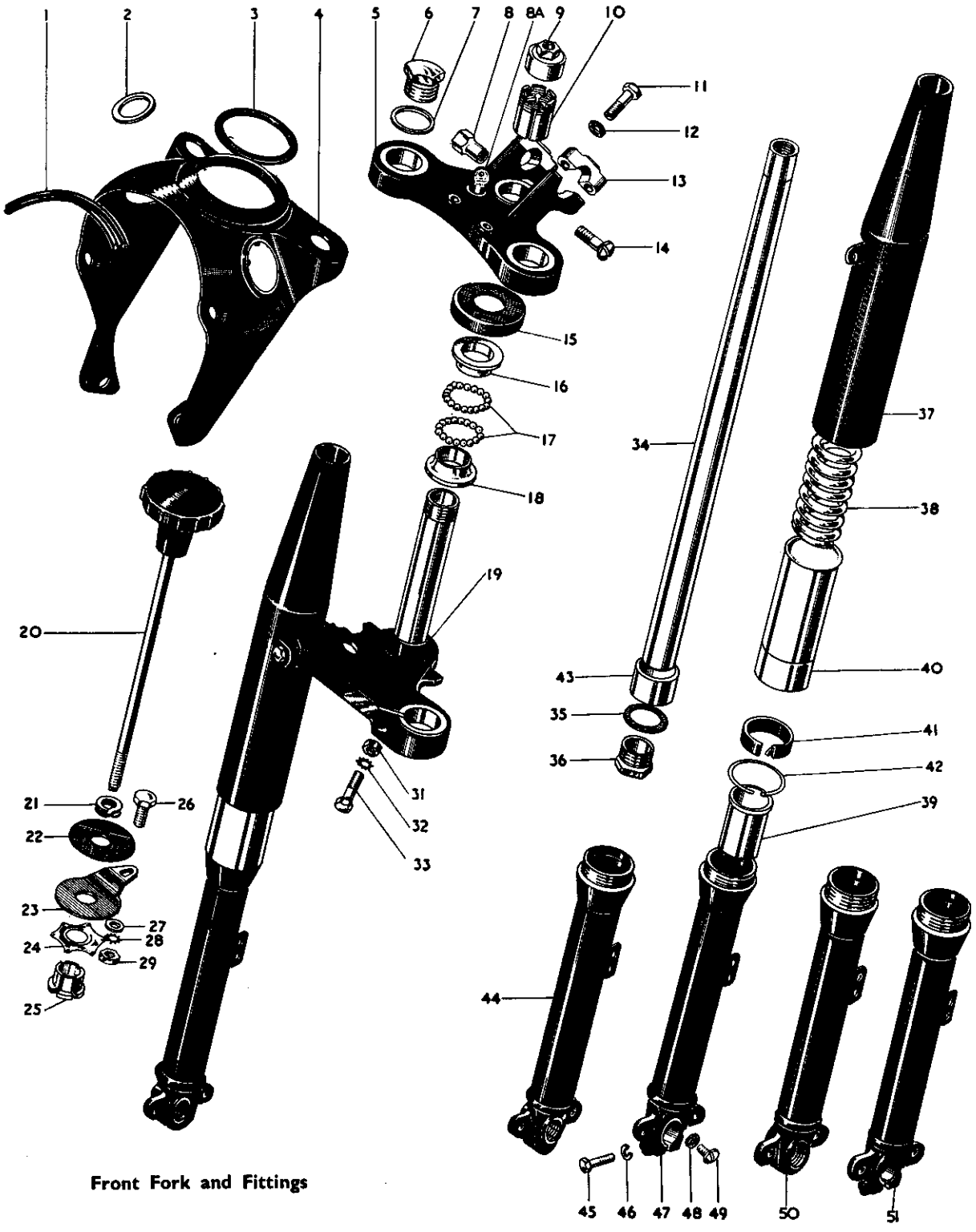
Plate 16 FRONT FORK and FITTINGS

B31 B32 B34 (7″ Brake), B33 (8″ Brake) Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31	42–5034	Front fork complete (7″ brake) (assembled)	1
—	B31 B32 B34	42–5004	Front forks complete (7″ brakes) assembled (1954)	1
—	B33	42–5033	Front fork complete (8″ brake) (assembled)	1
—	B33	42–5005	Front forks complete (8″ brake) assembled (1954)	1
1	B Group	67–5087	Headlamp cowl rubber extrusion	1
2	B Group	67–5080	Headlamp cowl fixing support washer	2
3	B Group	67–5088	Speedo mounting rubber	1
4	B Group	67–5084	Headlamp cowl complete	1
5	B Group	42–5035	Front fork top yoke	1
5	B Group	42–5010	Front fork top yoke (1954)	1
6	B Group	65–5331	Front fork tube nut	2
7	B Group	65–5332	Front fork tube nut washer	2
8	B Group	29–5315	Front fork top yoke clip bolt nut	1
8A	B Group	65–5445	Steering head lock	1
9	B Group	67–5024	Steering stem adjusting sleeve cap	1
10	B Group	67–5023	Steering stem adjusting sleeve	1
11	B Group	65–5334	Handlebar and yoke clip bolt	4
12	B Group	15–5155	Handlebar and yoke clip bolt washer	4
13	B Group	65–5333	Handlebar clip	2
14	B Group	27–5135	Front fork top yoke clip bolt	1
15	B Group	66–5204	Steering head dust cap	1
16	B Group	65–5126	Steering head ball race cone (top)	1
17	B Group	1/4″ dia.	Steering head balls	40
18	B Group	65–5127	Steering head ball race cone (bottom)	1
19	B Group	42–5012	Front fork bottom yoke complete	1
20	B Group	67–5021	Steering damper adjusting rod complete	1
21	B Group	24–6035	Steering damper knob spring washer	1
22	B Group	65–5380	Steering damper friction washer	1
23	B Group	42–5014	Steering damper anchor plate	1
24	B Group	25–5247	Steering damper star washer	1
25	B Group	65–5328	Steering damper centre	1
26	B Group	28–2338	Steering damper anchor plate bolt	1
27	B Group	2–923	Steering damper anchor plate bolt washer (plain)	1
28	B Group	36–382	Steering damper anchor plate bolt lock washer	1
29	B Group	2–49	Steering damper anchor plate bolt nut	1
31	B Group	24–5160	Bottom yoke bolt nut	2
32	B Group	36–382	Bottom yoke bolt washer (shakeproof)	2
33	B Group	65–5435	Bottom yoke bolt	2
34	B Group	89–5061	Front fork shaft	2
35	B Group	29–5338	Front fork shaft plug washer	2
36	B Group	29–5283	Front fork shaft plug	2
37	B Group	67–5009	Front fork outer sleeve	2
38	B Group	65–5390	Front fork spring	2
39	B Group	65–5424	Front fork top bearing	2
40	B Group	29–5310	Front fork oil seal holder complete	2
41	B Group	29–5313	Front fork oil seal	2
42	B Group	29–5320	Front fork top bearing circlip	2
43	B Group	29–5347	Front fork bottom bearing	2
44	B31 B32 B34	65–5410	Front fork sliding tube (offside) complete	1
45	B Group	65–5295	Fork end bolt (nearside)	1
46	B Group	2–2903	Fork end bolt spring washer	1
47	B31 B32 B34	65–5408	Fork sliding tube (nearside) complete	1
48	B Group	2–292	Fork end drain plug washer (fibre)	2
49	B Group	2–1309	Fork end drain plug	2
50	B33	65–5420	Fork sliding tube (offside) complete	1
51	B33	67–5057	Fork sliding tube (nearside) complete	1

FRONT FORK and FITTINGS

B31 B32 B34 (7″ Brake) B33 (8″ Brake) Swinging Arm Frame



Front Fork and Fittings

Plate 17 FRONT HUB and WHEEL FITTINGS

B31 Rigid and Spring
B32 B34 Rigid Frame (Competition)
B31 B32 B34 Swinging Arm

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31	65–5870	Front wheel complete (less brake and tyre)	1
—	B32 B34	65–5915	Front wheel complete (less brake and tyre)	1
1	B31	65–5872	Front wheel spoke (long)	20
1	B32 B34	65–5537	Front wheel spoke (long)	20
2	B31 B32 B34	27–6810	Front wheel spoke nipple	20
3	B31 B32 B34	65–5929	Front hub spindle	1
4	B31 B32 B34	65–5892	Front hub spindle distance piece	1
5	B31 B32 B34	65–5893	Front brake cover plate nut	1
6	B31 B32 B34	65–5890	Front hub distance collar	1
7	B31 B32 B34	65–5888	Front hub felt washer retaining cup	1
8	B31 B32 B34	65–5886	Front hub washer (felt)	1
9	B31 B32 B34	65–5887	Front hub felt washer retaining ring	1
10	B31 B32 B34	65–5883	Front hub ball journal	1
11	B31 B32 B34	65–5889	Front hub spindle sleeve	1
12	B31 B32 B34	65–5876	Front hub shell complete (with spindle and bearings)	1
13	B31 B32 B34	15–5290	Front hub grease nipple	1
14	B31 B32 B34	65–5884	Front hub bearing thrust washer	1
15	B31 B32 B34	65–5883	Front hub ball journal	1
16	B31 B32 B34	65–5885	Front hub bearing retaining ring	1
17	B31 B32 B34	65–5891	Front hub distance piece	1
18	B31	65–5910	Front wheel spoke (short)	20
18	B32 B34	15–622	Front wheel spoke (short)	20
19	B31 B32 B34	27–6810	Front wheel spoke nipple	20
20	B31	67–5543	Front wheel rim	1
20	B32 B34	65–5916	Front wheel rim	1
21	B31 B32 B34	65–5899	Front brake shoe fulcrum pin	1
22	B31 B32 B34	35–6436	Front brake shoe lining rivet	14
23	B31 B32 B34	65–5903	Front brake shoe lining	2
24	B31 B32 B34	65–5901	Front brake shoe with lining	2
25	B31 B32 B34	65–5895	Front brake cover plate complete	1
26	B31 B32 B34	65–5893	Front brake cover plate nut	1
27	B31 B32 B34	24–8045	Front brake fulcrum pin serrated washer	1
28	B31 B32 B34	24–5860	Front brake fulcrum pin nut	1
29	B31 B32 B34	15–431	Front brake shoe cam washer (plain)	1
30	B31 B32 B34	66–4708	Front brake shoe cam washer (shakeproof)	1
31	B31 B32 B34	2–440	Front brake shoe cam nut	1
32	B31 B32 B34	29–5871	Front brake lever toggle	1
33	B31 B32 B34	2–510	Front brake lever toggle screw	1
34	B31 B32 B34	65–5907	Front brake operating lever	1
35	B31 B32 B34	2–1462	Front brake lever toggle washer (spring)	1
36	B31 B32 B34	2–443	Front brake lever toggle nut	1
37	B31 B32 B34	65–5674	Front brake shoe cam bearing oil hole clip	1
38	B31 B32 B34	65–5904	Front brake shoe spring	2
39	B31 B32 B34	65–5905	Front brake shoe cam complete	1

Plate 18 FRONT HUB and WHEEL FITTINGS

B33 Rigid and Spring
B33 Swinging Arm Frame

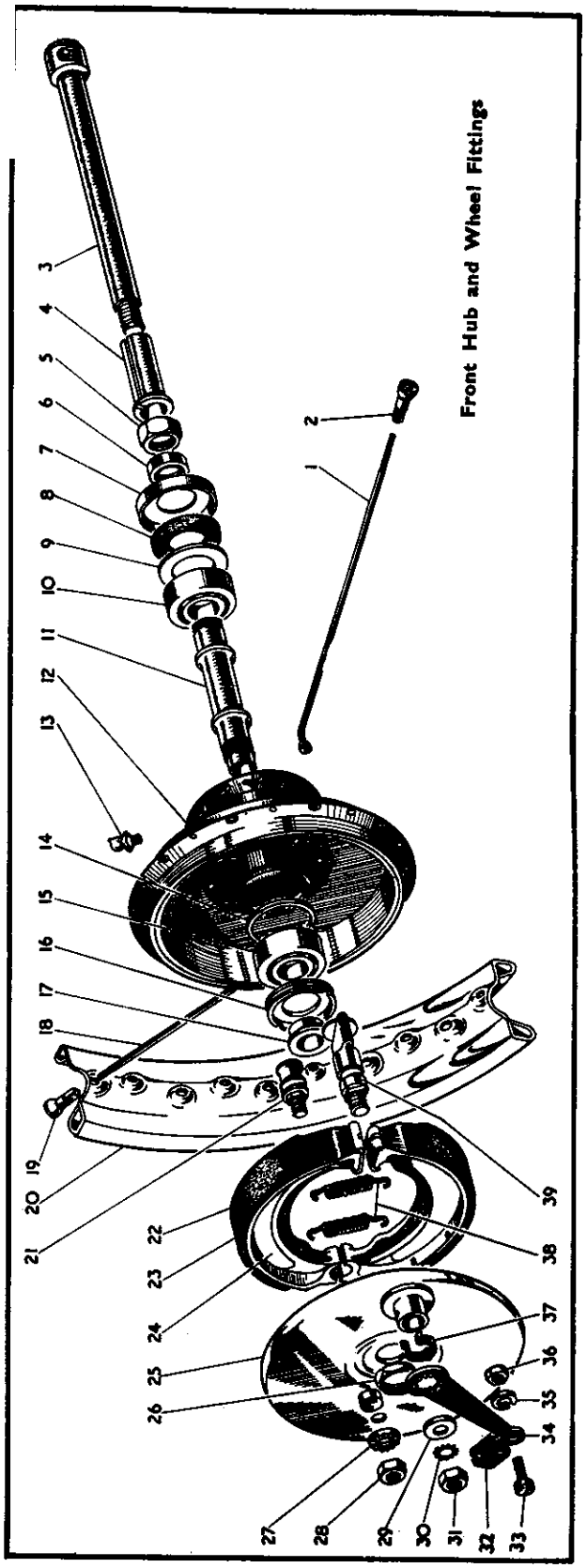
Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B33	67–5542	Front wheel complete (less brake and tyre) (1954)	1
—	B33	67–5605	Front wheel complete (less brake and tyre)	1
1	B33	67–5544	Front wheel spoke (short)	20
2	B33	27–6810	Front wheel spoke nipple	40
3	B33	67–5566	Front hub spindle	1
4	B33	67–5561	Front hub bearing locking ring (nearside)	1
5	B33	35–701	Front hub bearing locking ring retaining pin	1
6	B33	67–5563	Front hub bearing oil retaining washer (nearside)	1
7	B33	65–5883	Front hub ball journal	1
8	B33	15–5290	Front hub grease nipple	1
9	B33	66–5556	Front hub shell complete (with spindle, sleeve and bearings)	1

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FRONT HUB and WHEEL FITTINGS

Plate 18

B31 Rigid and Spring
B32 B34 Rigid Frame (Competition)
B31 B32 B34 Swinging Arm Frame



B33 Rigid and Spring
B33 Swinging Arm Frame

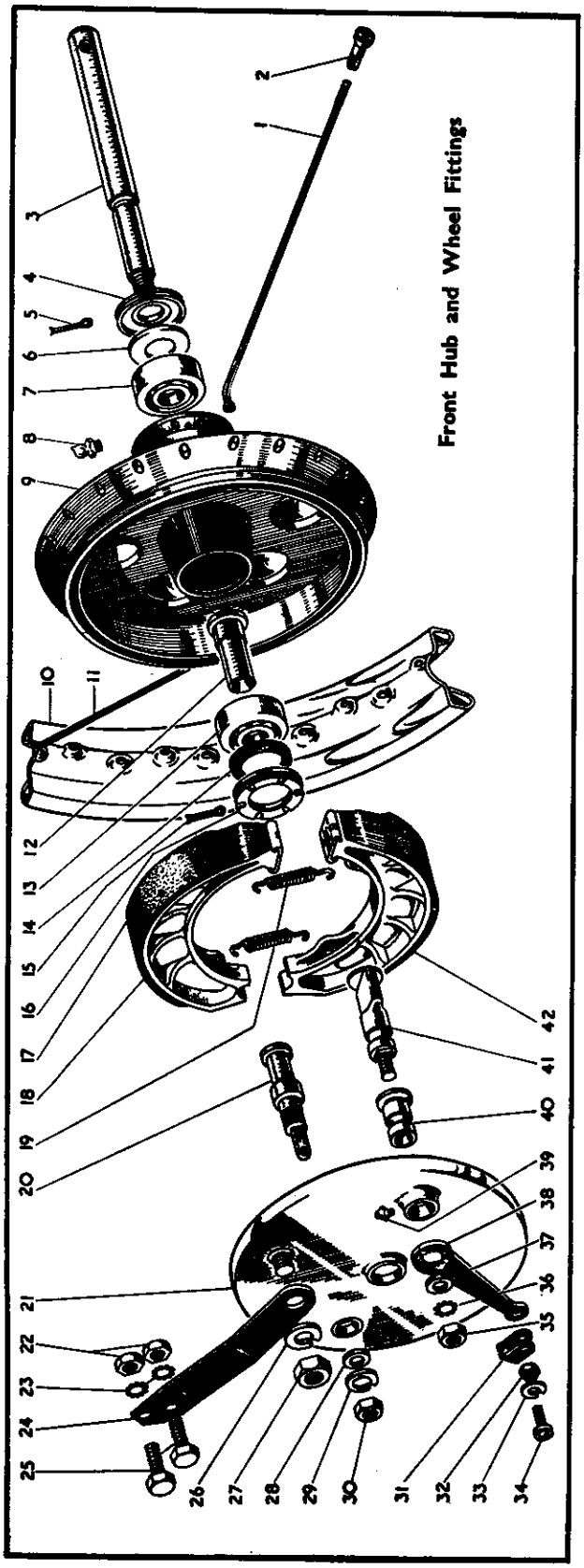


Plate 18—*continued* FRONT HUB and WHEEL FITTINGS

B33 Rigid and Spring
B33 Swinging Arm Frame

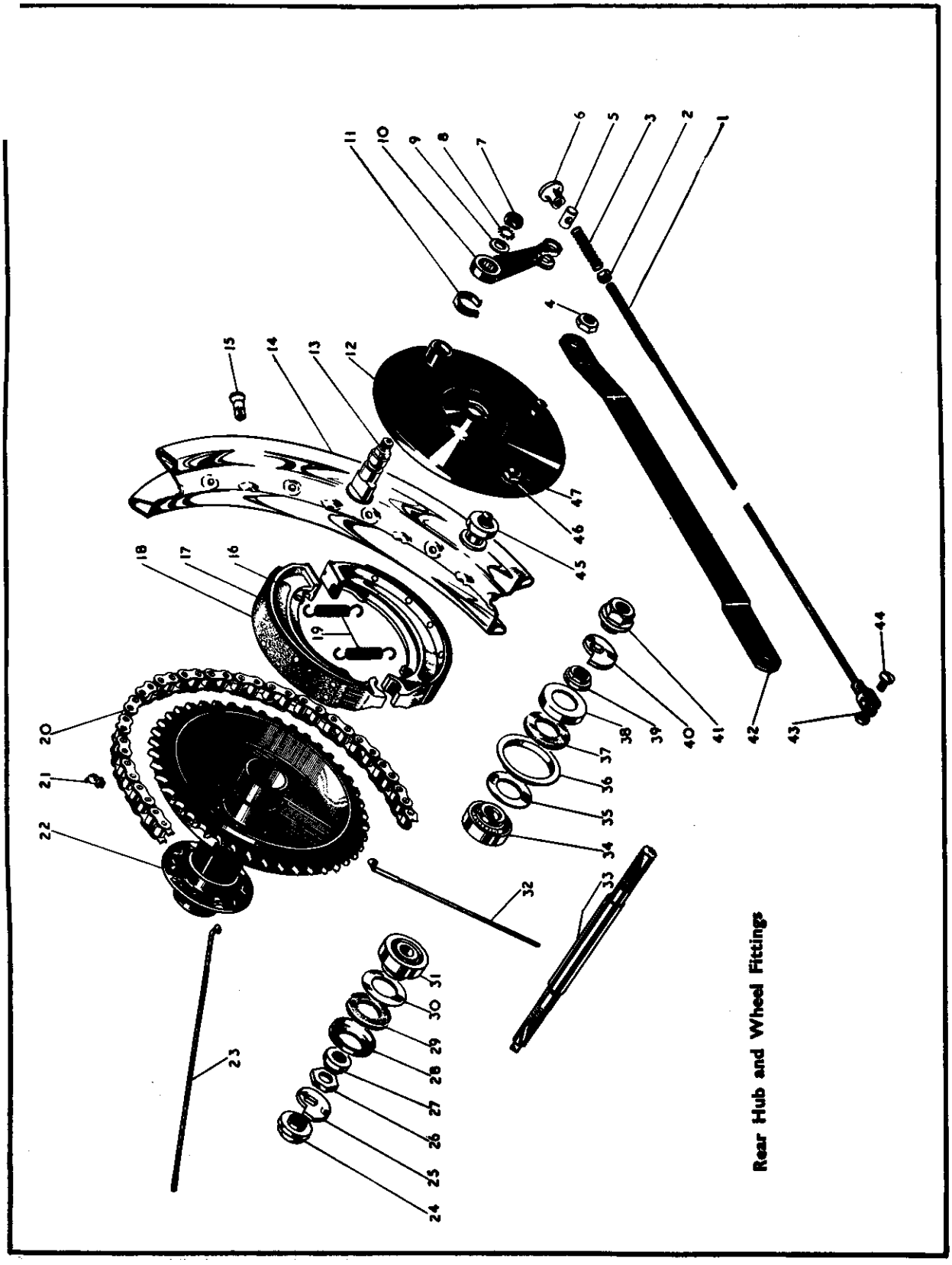
Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
9	B33	67–5547	Front hub complete with spindle, sleeve and bearings (1954)	1
10	B33	67–5543	Front wheel rim	1
11	B33	67–5545	Front wheel spoke (long) (1954)	20
11	B33	67–5606	Front wheel spoke (long)	20
12	B33	67–5565	Front hub spindle sleeve	1
13	B33	65–5883	Front hub ball journal	1
14	B33	67–5564	Front hub bearing oil retaining washer (offside)	1
15	B33	35–701	Front hub bearing locking ring retaining pin	1
16	B33	67–5562	Front hub bearing locking ring (offside)	1
17	B33	67–5575	Front brake shoe lining rivet	14
18	B33	67–5571	Front brake shoe lining	2
19	B33	65–5904	Front brake shoe spring	2
20	B33	67–5576	Front brake fulcrum and adjusting pin	1
21	B33	67–5555	Front brake cover plate with fixed fittings	1
22	B33	2–49	Front brake anchor strap nut	2
23	B33	36–382	Front brake anchor strap nut washer	2
24	B33	67–5578	Front brake anchor strap	1
25	B33	32–194	Front brake anchor strap bolt	2
26	B33	15–716	Front brake cover plate and anchor strap spring washer	1
27	B33	15–541	Front brake cover plate and anchor strap nut	1
28	B33	25–6014	Front brake fulcrum and adjusting pin washer (plain)	1
29	B33	35–37	Front brake fulcrum and adjusting pin spring washer	1
30	B33	2–2527	Front brake fulcrum and adjusting pin nut	1
31	B33	29–5871	Front brake lever toggle	1
32	B33	2–443	Front brake lever toggle nut	1
33	B33	2–1462	Front brake lever toggle washer	1
34	B33	2–510	Front brake lever toggle screw	1
35	B33	2–440	Front brake shoe cam nut	1
36	B33	66–4708	Front brake shoe cam washer (shakeproof)	1
37	B33	15–431	Front brake shoe cam washer (plain)	1
38	B33	65–5907	Front brake operating lever	1
39	B33	28–2080	Front brake fulcrum pin grease nipple	1
40	B33	67–5567	Front brake cam bearing	1
41	B33	67–5572	Front brake shoe cam complete	1
42	B33	67–5558	Front brake shoe with lining	1

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YOUR SAFEGUARD

te 19

REAR HUB and WHEEL FITTINGS

B31 B33 Rigid Frame



Rear Hub and Wheel Fittings

Plate 19 REAR HUB and WHEEL FITTINGS

B31 B33 Rigid Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	65–6285	Rear wheel complete (less brake and tyre)	1
1	B31 B33	29–7365	Rear brake rod with toggle end	1
2	B31 B33	2–2395	Rear brake rod nut	1
3	B31 B33	15–1312	Rear brake rod spring	1
4	B31 B33	2–46	Rear brake anchor strap nut	3
5	B31 B33	65–6274	Rear brake rod swivel pin	1
6	B31 B33	29–7368	Rear brake adjuster ferrule	1
7	B31 B33	2–440	Rear brake operating lever nut	1
8	B31 B33	66–4708	Rear brake operating lever washer	1
9	B31 B33	15–431	Rear brake operating lever washer	1
10	B31 B33	65–6279	Rear brake operating lever	1
11	B31 B33	65–5674	Rear brake cam bearing oil hole clip	1
12	B31 B33	65–6276	Rear brake cover plate	1
13	B31 B33	65–5905	Rear brake shoe cam	1
14	B31 B33	65–6263	Rear wheel rim	1
15	B31 B33	27–6810	Spoke nipple	40
16	B31 B33	65–5901	Brake shoe with lining	2
17	B31 B33	35–6436	Brake shoe rivet	14
18	B31 B33	65–5903	Brake shoe lining	2
19	B31 B33	65–5904	Brake shoe spring	2
20	B31 B33	65–9191	Transmission chain	1
21	B31 B33	15–5290	Rear hub grease nipple	1
22	B31 B33	65–6289	Hub shell with bearings	1
23	B31 B33	24–7012	Wheel spoke (long)	20
24	B31 B33	65–6136	Hub spindle nut	1
25	B31 B33	27–6738	Rear hub adjusting plate	1
26	B31 B33	27–6716	Rear hub spindle locknut	1
27	B31 B33	65–5670	Rear hub adjusting sleeve	1
28	B31 B33	29–5710	Rear hub bearing retaining cup	1
29	B31 B33	24–7047	Rear hub washer (felt)	1
30	B31 B33	29–5715	Rear hub bearing retaining washer	1
31	B31 B33	24–7058	Rear hub bearing	1
32	B31 B33	65–6027	Wheel spoke (short)	20
33	B31 B33	65–6161	Rear hub spindle	1
34	B31 B33	24–7058	Rear hub bearing	1
35	B31 B33	29–5715	Rear hub bearing retaining washer	1
36	B31 B33	29–5905	Hub grease flinger washer	1
37	B31 B33	24–7047	Rear hub washer (felt)	1
38	B31 B33	29–5710	Rear hub bearing retaining cup	1
39	B31 B33	65–5670	Rear hub adjusting sleeve	1
40	B31 B33	27–6738	Rear hub adjusting plate	1
41	B31 B33	65–6136	Rear hub spindle nut	1
42	B31 B33	65–7062	Rear brake anchor strap	1
43	B31 B33	2–443	Rear brake rod toggle end nut	1
44	B31 B33	2–510	Rear brake rod toggle end screw	1
45	B31 B33	65–5899	Rear brake shoe fulcrum pin	1
46	B31 B33	24–8045	Fulcrum pin washer	1
47	B31 B33	24–5860	Brake shoe fulcrum pin locknut	1

REAR HUB and WHEEL FITTINGS

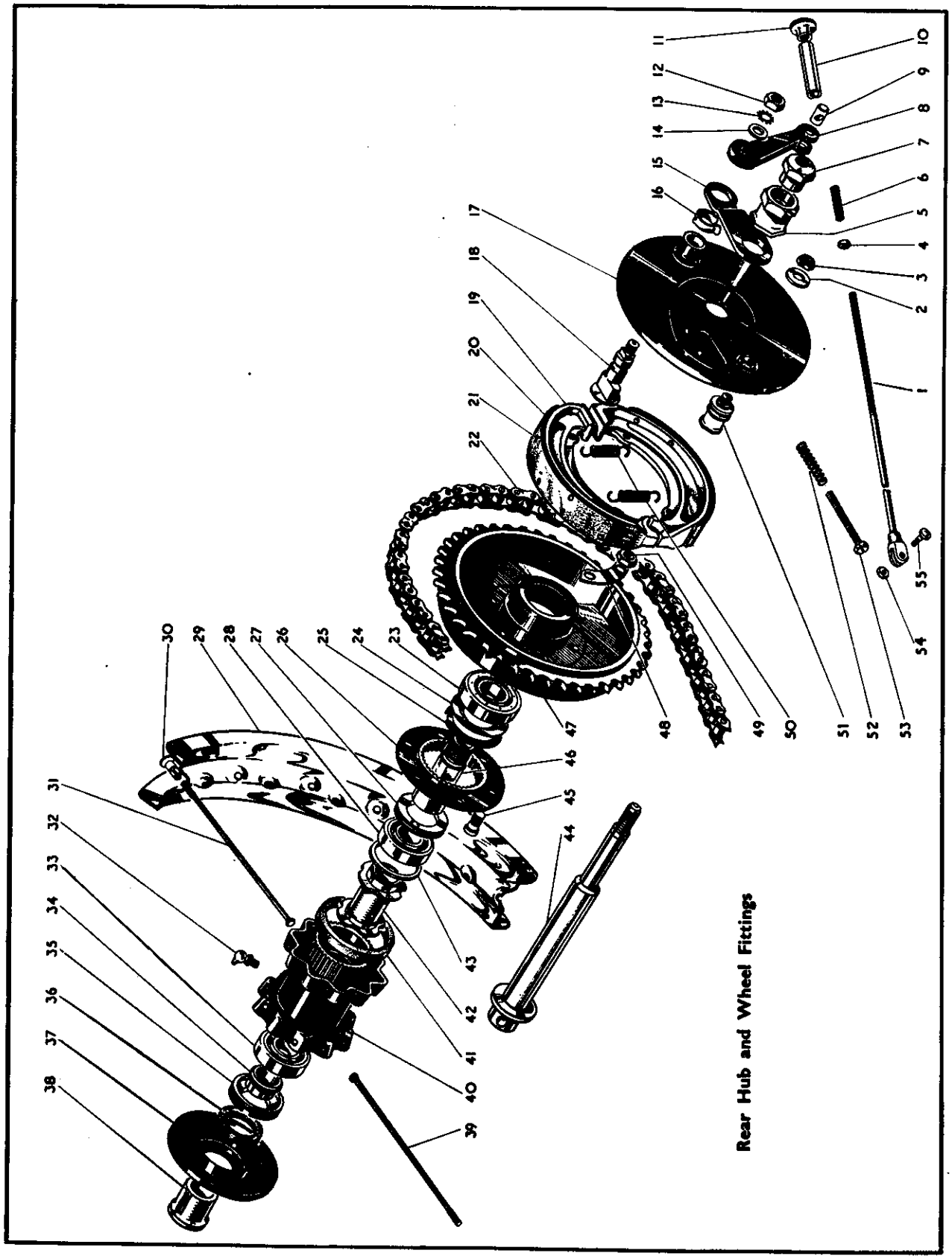
B31 B33 Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	65–6300	Rear wheel complete (less brake and tyre)	1
1	B31 B33	65–7071	Rear brake rod with toggle end	1
2	B31 B33	24–8045	Rear brake shoe fulcrum pin washer	1
3	B31 B33	24–5860	Rear brake shoe fulcrum pin locknut	1
4	B31 B33	2–2395	Rear brake rod spring nut	1
5	B31 B33	67–6074	Rear hub bearing sleeve nut	1
6	B31 B33	15–1312	Rear brake rod spring	1
7	B31 B33	67–6073	Rear hub spindle nut complete	1
8	B31 B33	65–6279	Rear brake operating lever	1
9	B31 B33	65–6274	Rear brake screw swivel pin	1
10	B31 B33	67–7031	Adjusting nut extension tube	1
11	B31 B33	29–7368	Rear brake adjuster ferrule	1
12	B31 B33	2–440	Rear brake operating lever nut	1
13	B31 B33	66–4708	Rear brake operating lever washer (shakeproof)	1
14	B31 B33	15–431	Rear brake operating lever washer (plain)	1
15	B31 B33	67–6081	Rear brake anchor strap	1
16	B31 B33	65–5674	Rear brake cam bearing oil clip	1
17	B31 B33	67–6180	Rear wheel cover plate complete	1
18	B31 B33	65–5905	Rear brake shoe cam complete	1
19	B31 B33	65–5901	Rear brake shoe complete	2
20	B31 B33	65–5903	Rear brake shoe lining	2
21	B31 B33	35–6436	Rear brake shoe lining rivet	14
22	B31 B33	15–817	Rear transmission chain	1
23	B31 B33	89–3022	Brake drum and chainwheel ball bearing	1
24	B31 B33	67–6072	Ball bearing shim	1
25	B31 B33	67–6067	Ball bearing retaining ring	1
26	B31 B33	67–6101	Driving flange	1
27	B31 B33	67–6076	Rear hub bearing lockring	1
28	B31 B33	65–5883	Rear hub bearing	1
29	B31 B33	67–6005	Rear wheel rim	1
30	B31 B33	27–6813	Rear wheel spoke nipple	40
31	B31 B33	65–6303	Rear wheel spoke (short)	20
32	B31 B33	15–5290	Rear hub grease nipple	1
33	B31 B33	65–5883	Rear hub bearing	1
34	B31 B33	67–6077	Hub collar (right-hand)	1
35	B31 B33	67–6076	Rear hub bearing lockring	1
36	B31 B33	67–6075	Rear hub felt washer	1
37	B31 B33	67–6128	Hub shell cover assembled	1
38	B31 B33	67–6066	Hub distance piece	1
39	B31 B33	65–6302	Rear wheel spoke (long)	20
40	B31 B33	67–6126	Rear hub shell complete with bearings	1
41	B31 B33	67–6051	Rear hub shell washer (rubber)	1
42	B31 B33	67–6061	Bearing distance tube and retainers	1
43	B31 B33	65–5884	Rear hub bearing thrust washer	1
44	B31 B33	67–6164	Rear hub spindle	1
45	B31 B33	67–6038	Brake drum securing bolt	6
46	B31 B33	67–6060	Rear hub bearing sleeve	1
47	B31 B33	65–6294	Rear brake drum and chainwheel	1
48	B31 B33	67–6039	Brake drum securing bolt locking strip	3
49	B31 B33	3–720	Brake drum securing bolt nut	6
50	B31 B33	65–5904	Rear shoe spring	2
51	B31 B33	65–5899	Rear brake shoe fulcrum pin	1
52	B31 B33	15–1312	Rear wheel adjusting spring	2
53	B31 B33	66–4603	Rear wheel adjusting screw	2
54	B31 B33	2–443	Rear brake rod fork screw nut	1
55	B31 B33	2–510	Rear brake rod fork screw	1

Plate 20

REAR HUB and WHEEL FITTINGS

B31 B33 Spring Frame



REAR HUB and WHEEL FITTINGS

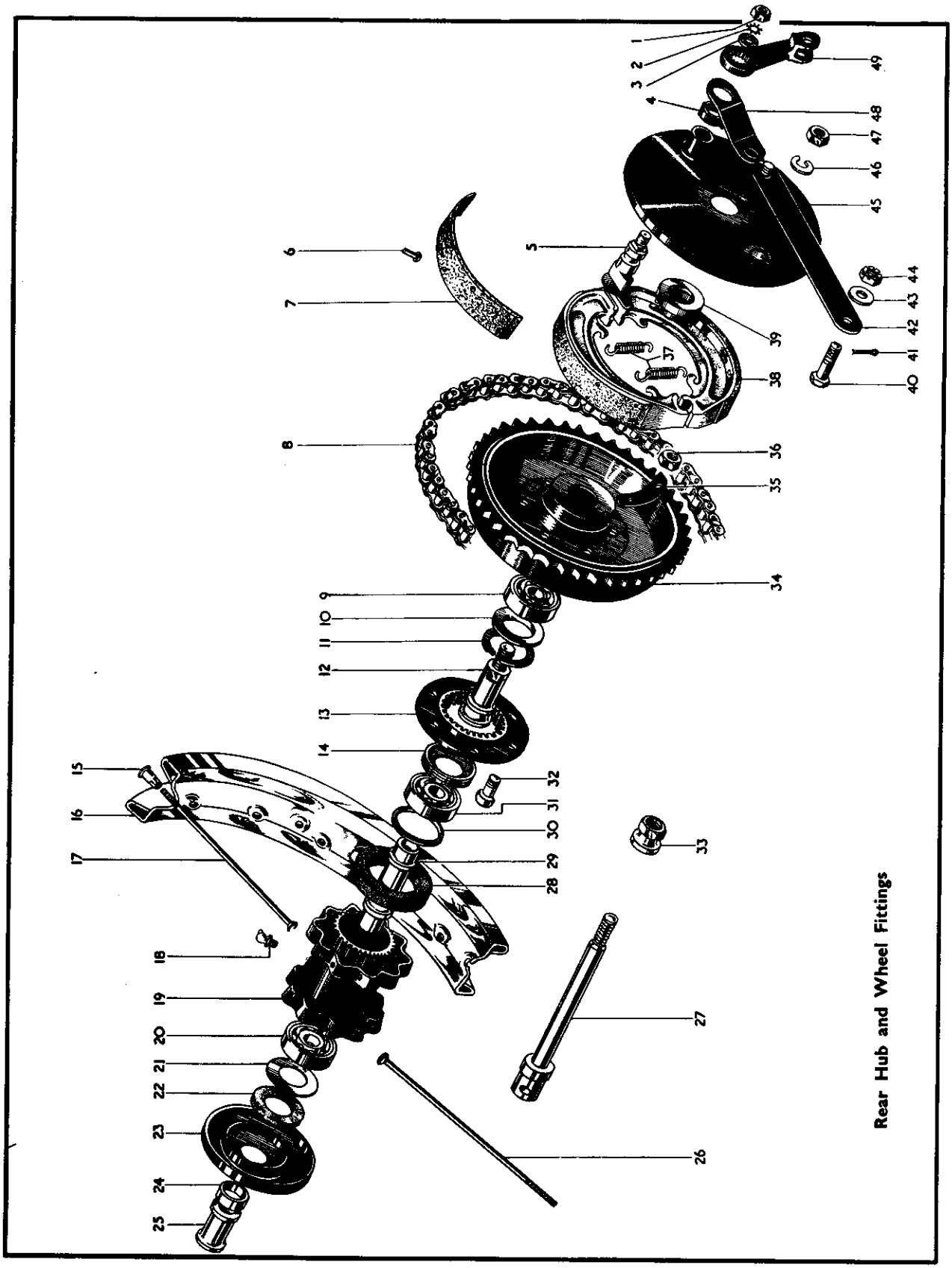
B32 B34 Rigid Frame (Competition)

te Ref. mber.	Models.	Part No	Description.	Number per set.
—	B32 B34	42–6001	Rear wheel complete (less brake and tyre) (WM3–19)	1
1	B32 B34	2–440	Rear brake operating lever nut	1
2	B32 B34	66–4708	Rear brake operating lever washer (shakeproof)	1
3	B32 B34	15–431	Rear brake operating lever washer (plain)	1
4	B32 B34	65–5674	Cam bearing oil hole clip	1
5	B32 B34	65–5905	Rear brake cam	1
6	B32 B34	35–6436	Brake shoe lining rivet	14
7	B32 B34	65–5903	Brake shoe lining	2
8	B32 B34	15–8967	Transmission chain (rear)	1
9	B32 B34	65–5883	Rear hub ball bearing	1
10	B32 B34	67–6033	Hub ball journal shim	1
11	B32 B34	67–6034	Retaining spring ring	1
12	B32 B34	67–6030	Rear brake drum bearing sleeve	1
13	B32 B34	67–6101	Driving flange	1
14	B32 B34	65–5885	Hub ballrace retaining ring	1
15	B32 B34	27–6810	Spoke nipple	40
16	B32 B34	42–6002	Rear wheel rim (WM3–19)	1
17	B32 B34	67–6017	Rear wheel spoke (nearside)	20
18	B32 B34	15–5290	Rear hub grease nipple	1
19	B32 B34	67–6136	Rear hub shell complete with bearings	1
20	B32 B34	65–5883	Rear hub ball bearing	1
21	B32 B34	65–5887	Felt washer retaining ring	1
22	B32 B34	65–5886	Rear hub washer (felt)	1
23	B32 B34	67–6133	End cover	1
24	B32 B34	65–5890	Hub spindle distance collar	1
25	B32 B34	67–6028	Hub spindle distance sleeve	1
26	B32 B34	67–6016	Rear wheel spoke (offside)	20
27	B32 B34	67–6161	Rear hub spindle	1
28	B32 B34	67–6051	Hub shell washer (rubber)	1
29	B32 B34	67–6027	Hub spindle sleeve	1
30	B32 B34	65–5884	Hub bearing thrust washer	1
31	B32 B34	65–5883	Rear hub ball bearing	1
32	B32 B34	67–6038	Brake drum securing bolt	6
33	B32 B34	67–6031	Rear hub spindle nut	1
34	B32 B34	42–6024	Rear brake drum and chainwheel (42T)	1
35	B32 B34	67–6039	Brake drum bolt locking strip	3
36	B32 B34	3–720	Rear wheel securing bolt nut	6
37	B32 B34	65–5904	Rear brake spring	2
38	B32 B34	65–5901	Rear brake shoe complete	2
39	B32 B34	67–6032	Rear hub collar	1
40	B32 B34	42–7020	Rear brake anchor strap bolt	1
41	B32 B34	35–705	Anchor strap bolt split pin	1
42	B32 B34	42–7019	Rear brake anchor strap	1
43	B32 B34	2–2138	Anchor strap bolt washer (plain)	1
44	B32 B34	21–5304	Anchor strap bolt nut	1
45	B32 B34	42–6051	Rear brake cover plate	1
46	B32 B34	2–522	Rear brake anchor strap washer (spring)	1
47	B32 B34	2–46	Rear brake anchor strap nut	1
48	B32 B34	67–6046	Rear brake outrigger strap	1
49	B32 B34	65–6279	Rear brake operating lever	1

Plate 21

REAR HUB and WHEEL FITTINGS

B32 B34 Rigid Frame (Competition)



REAR HUB and WHEEL FITTINGS

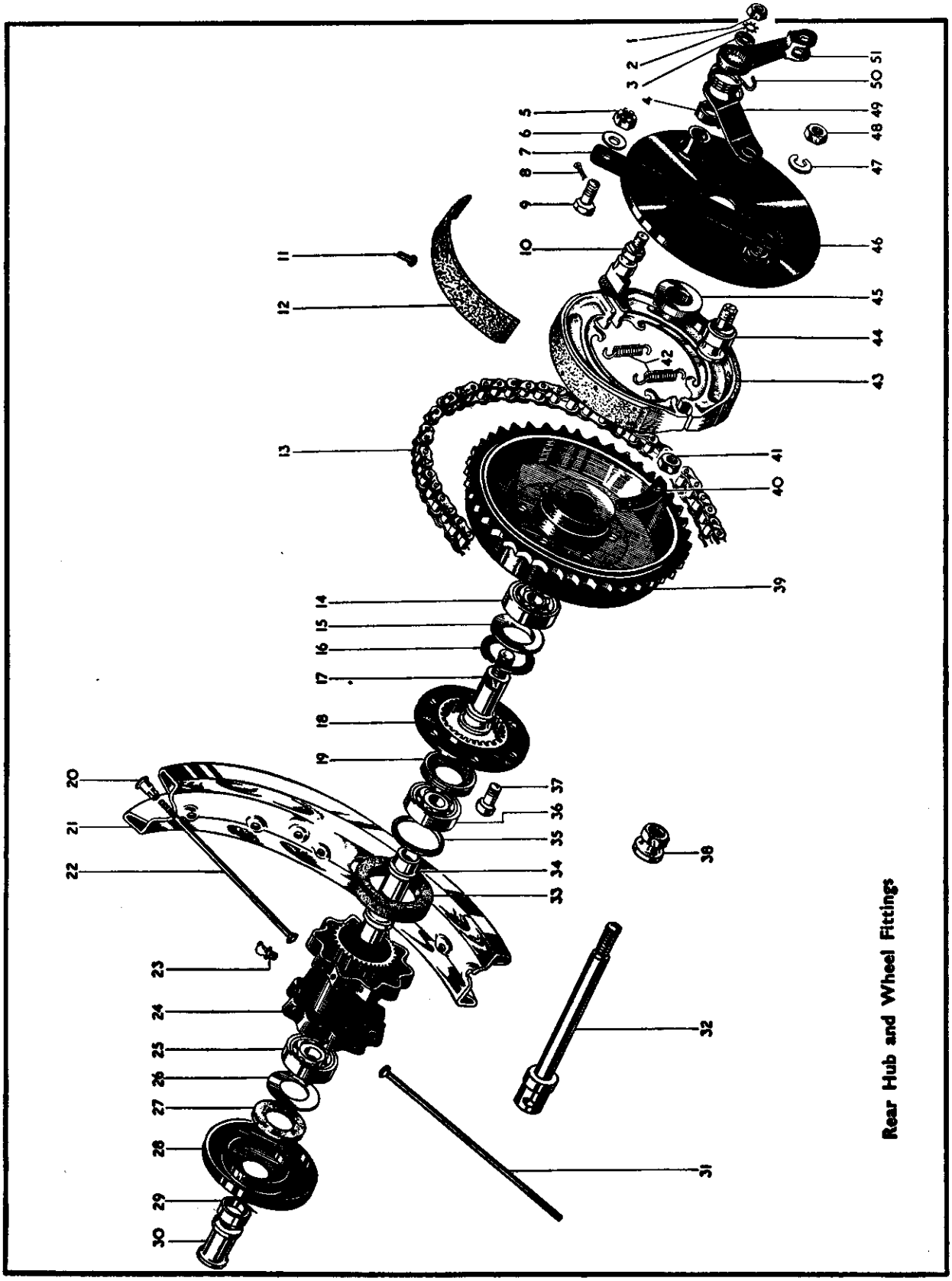
B Group Swinging Arm Frame

Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	67-6011	Rear wheel complete (less brake and tyre) (WM2—19)	1
—	B32 B34	42-6001	Rear wheel complete (less brake and tyre) (1954)	1
1	B Group	2-440	Rear brake operating lever nut	1
2	B Group	66-4708	Rear brake operating lever washer (shakeproof)	1
3	B Group	15-431	Rear brake operating lever washer (plain)	1
4	B Group	65-5674	Cam bearing oil hole clip	1
5	B Group	21-431	Anchor strap bolt nut	1
6	B Group	2-130	Anchor strap bolt washer (plain)	1
7	B Group	42-6036	Rear brake anchor strap	1
8	B Group	35-698	Anchor strap bolt split pin	1
9	B Group	42-6037	Rear brake anchor strap bolt	1
10	B Group	42-6034	Rear brake cam	1
11	B Group	35-6436	Brake shoe lining rivet	14
12	B Group	65-5903	Brake shoe lining	2
13	B Group	66-9162	Transmission chain (rear)	1
14	B Group	65-5883	Rear hub ball bearing	1
15	B Group	67-6033	Hub ball journal shim	1
16	B Group	67-6034	Retaining spring ring	1
17	B Group	67-6030	Rear brake drum bearing sleeve	1
18	B Group	67-6101	Driving flange	1
19	B Group	65-5885	Hub ballrace retaining ring	1
20	B Group	27-6810	Spoke nipples	40
21	B31 B33	67-6005	Rear wheel rim (WM2—19)	1
21	B32 B34	42-6002	Rear wheel rim (1954)	1
22	B Group	67-6017	Rear wheel spokes (nearside)	20
23	B Group	15-5290	Rear hub grease nipple	1
24	B Group	67-6136	Rear hub shell complete with bearings	1
25	B Group	65-5883	Rear hub ball bearing	1
26	B Group	65-5887	Felt washer retaining ring	1
27	B Group	65-5886	Rear hub washer (felt)	1
28	B Group	67-6133	End cover	1
29	B Group	65-5890	Hub spindle distance collar	1
30	B Group	67-6028	Hub spindle distance sleeve	1
31	B Group	67-6016	Rear wheel spokes (offside)	20
32	B Group	67-6161	Rear hub spindle	1
33	B Group	67-6051	Hub shell washer (rubber)	1
34	B Group	67-6027	Hub spindle sleeve	1
35	B Group	65-5884	Hub bearing thrust washer	1
36	B Group	65-5883	Rear hub ball bearing	1
37	B Group	67-6038	Brake drum securing bolt	6
38	B Group	67-6031	Rear hub spindle nut	1
39	B Group	42-6024	Rear brake drum and chainwheel (42T)	1
40	B Group	67-6039	Brake drum bolt locking strip	3
41	B Group	3-720	Rear wheel securing bolt	6
42	B Group	65-5904	Rear brake spring	2
43	B Group	65-5901	Rear brake shoe complete	2
44	B Group	42-6033	Rear brake fulcrum pin	1
45	B Group	67-6032	Rear hub collar	1
46	B Group	42-6030	Rear brake cover plate complete with fixed fittings	1
47	B Group	65-5111	Rear brake fulcrum pin washer (spring)	1
48	B Group	24-7000	Rear brake fulcrum pin nut	1
49	B Group	67-6046	Rear brake outrigger strap	1
50	B Group	42-6046	Brake pedal return spring	1
51	B Group	42-6045	Rear brake operating lever	1

Plate 22

REAR HUB and WHEEL FITTINGS

B Group Swinging Arm Frame



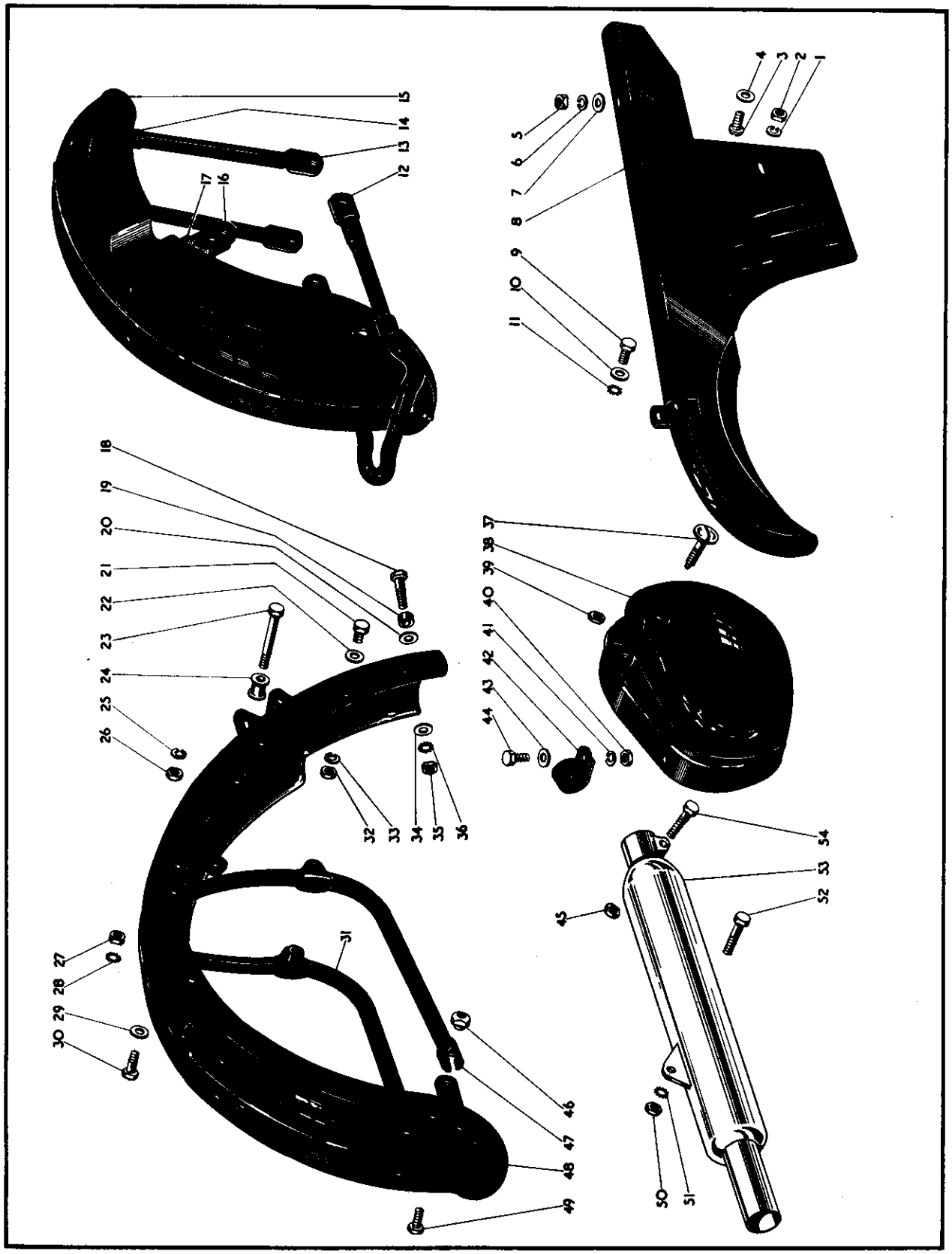
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B31 B33 Spring Frame
B33 Rigid Frame

ate Ref. umber.	Models.	Part No.	Description.	Number per set.
1	B31 B33 (spring)	2–1462	Rear chainguard bottom fixing bolt washer (spring)	1
2	B31 B33 (spring)	2–2395	Rear chainguard bottom fixing bolt nut	1
3	B31 B33 (spring)	15–7161	Rear chainguard bottom fixing bolt	1
4	B31 B33 (spring)	27–8560	Rear chainguard bottom fixing bolt washer (plain)	1
5	B31 B33 (spring)	2–2395	Rear chainguard chaincase fixing nut	1
6	B31 B33 (spring)	2–1462	Rear chainguard chaincase fixing nut washer (spring)	1
7	B31 B33 (spring)	2–525	Rear chainguard chaincase fixing nut washer (plain)	1
8	B31 B33 (spring)	65–7720	Rear chainguard complete	1
9	B31 B33 (spring)	1–5069	Rear chainguard rear fixing bolt	1
10	B31 B33 (spring)	2–923	Rear chainguard rear fixing bolt washer (plain)	1
11	B31 B33 (spring)	36–382	Rear chainguard rear fixing bolt washer (shakeproof)	1
12	B33 (rigid and spring)	67–6530	Front stand complete	1
13	B33 (rigid and spring)	67–6544	Front mudguard stay	1
14	B33 (rigid and spring)	67–6547	Front mudguard stay insulator (rubber)	2
15	B33 (rigid and spring)	67–6543	Front mudguard complete with fixed fittings	1
16	B33 (rigid and spring)	65–6606	Front mudguard support bridge	1
17	B33 (rigid and spring)	67–6546	Front mudguard support bridge insulator (rubber)	2
18	B31 B33 (spring)	65–110	Rear mudguard bottom fixing bolt	1
19	B31 B33 (spring)	66–8348	Rear mudguard bottom fixing bolt distance tube	1
20	B31 B33 (spring)	36–5344	Rear mudguard bottom fixing bolt washer (plain)	1
21	B31 B33 (spring)	2–204	Toolbox and mudguard fixing bolt	2
22	B31 B33 (spring)	27–8560	Toolbox and mudguard fixing bolt washer (plain)	2
23	B31 B33 (spring)	67–4030	Rear mudguard seatstay fixing bolt	2
24	B31 B33 (spring)	67–6761	Rear mudguard seatstay fixing bolt spacing washer	2
25	B31 B33 (spring)	2–522	Rear mudguard seatstay fixing bolt washer (spring)	2
26	B31 B33 (spring)	2–449	Rear mudguard seatstay fixing bolt nut	2
27	B31 B33 (spring)	2–49	Rear mudguard stay bolt nut	2
28	B31 B33 (spring)	36–382	Rear mudguard stay bolt washer (shakeproof)	2
29	B31 B33 (spring)	2–923	Rear mudguard stay bolt washer (plain)	2
30	B31 B33 (spring)	24–6770	Rear mudguard stay bolt	2
31	B31 B33 (spring)	67–6774	Rear mudguard stay complete (nearside)	1
32	B31 B33 (spring)	2–2395	Mudguard and toolbox fixing bolt nut	2
33	B31 B33 (spring)	2–1462	Mudguard and toolbox fixing bolt washer (spring)	2
34	B31 B33 (spring)	36–5344	Rear mudguard bottom fixing bolt washer (plain)	1
35	B31 B33 (spring)	2–49	Rear mudguard bottom fixing bolt nut	1
36	B31 B33 (spring)	36–382	Rear mudguard bottom fixing bolt washer (shakeproof)	1
37	B31 B33 (spring)	29–9132	Toolbox lid fixing screw complete	1
38	B31 B33 (spring)	67–9002	Toolbox complete	1
39	B31 B33 (spring)	2–1027	Toolbox lid fixing screw nut	1
40	B31 B33 (spring)	2–2395	Toolbox fixing clip bolt nut	1
41	B31 B33 (spring)	2–1462	Toolbox fixing clip bolt washer (spring)	1
42	B31 B33 (spring)	24–8928	Toolbox fixing clip	1
43	B31 B33 (spring)	27–8560	Toolbox fixing clip bolt washer (plain)	1
44	B31 B33 (spring)	2–204	Toolbox fixing clip bolt	1
45	B31 B33 (spring)	2–2395	Silencer inlet tube clip bolt nut	1
46	B31 B33 (spring)	15–447	Rear mudguard stay bottom bolt nut	2
47	B31 B33 (spring)	67–6772	Rear mudguard stay complete (offside)	1
48	B31 B33 (spring)	65–6740	Rear mudguard complete with fixed fittings	1
49	B31 B33 (spring)	2–1354	Rear mudguard stay bottom bolt	2
50	B31 B33 (spring)	2–49	Silencer fixing bolt nut	1
51	B31 B33 (spring)	36–382	Silencer fixing bolt washer (shakeproof)	1
52	B31 B33 (spring)	3–1399	Silencer fixing bolt	1
53	B31 B33 (spring)	65–2780	Silencer complete	1
54	B31 B33 (spring)	24–7343	Silencer inlet tube clip bolt	1

Plate 23 MUDGUARDS, CHAINGUARD, TOOLBOX and SILENCER

B33 Spring Frame
B33 Rigid Frame



late 24 MUDGUARDS, CHAINGUARD, OIL TANK, TOOLBOX and SILENCER

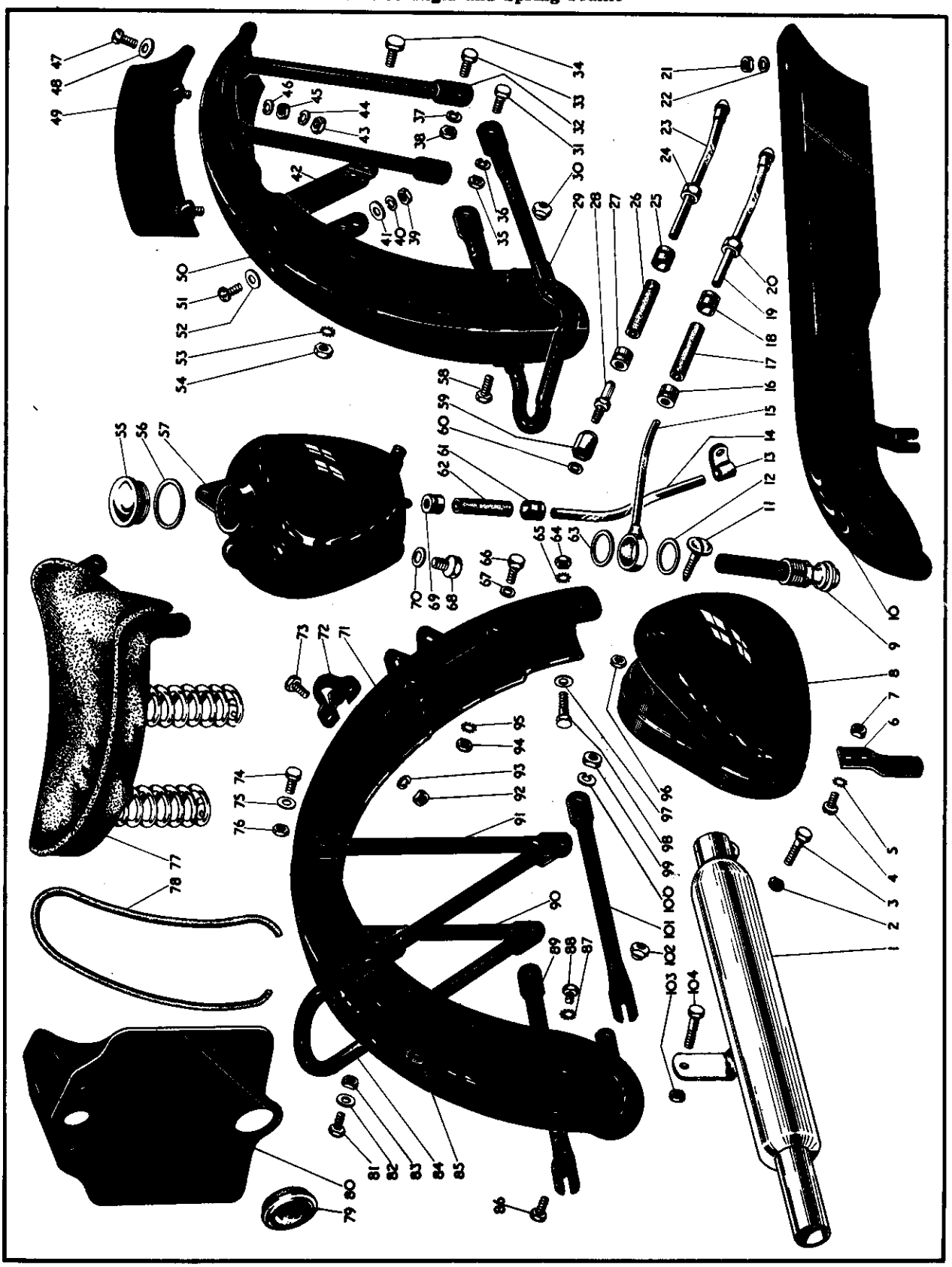
B31 B33 Rigid and Spring Frame

ite Ref. umber.	Models.	Part No.	Description.	Number per set.
1	B31 B33 (rigid)	65–2754	Silencer complete	1
2	B31 B33 (rigid)	2–2395	Silencer inlet tube clip bolt nut	1
3	B31 B33 (rigid)	24–7343	Silencer inlet tube clip bolt	1
4	B31 B33 (rigid)	15–7161	Toolbox strap bolt	2
5	B31 B33 (rigid)	29–541	Toolbox strap bolt washer (shakeproof)	2
6	B31 B33 (rigid)	65–9085	Toolbox fixing bracket	1
7	B31 B33 (rigid)	2–2395	Toolbox strap bolt nut	2
8	B31 B33 (rigid)	65–9080	Toolbox complete	1
9	B31 B33 (rigid and spring)	29–7962	Oil tank filter complete	1
10	B31 B33 (rigid)	65–7715	Rear chainguard complete	1
11	B31 B33 (rigid)	29–9132	Toolbox lid fixing screw complete	1
12	B31 B33 (rigid and spring)	29–7971	Oil feed pipe banjo union washer (fibre)	1
13	B31 B33 (rigid and spring)	66–8340	Oil tank breather pipe extension clip	1
14	B31 B33 (rigid and spring)	65–8499	Oil tank breather pipe extension	1
15	B31 B33 (rigid and spring)	65–8461	Oil feed pipe complete (tank)	1
16	B31 B33 (rigid and spring)	65–8422	Oil feed pipe connection ferrule	1
17	B31 B33 (rigid and spring)	65–2060	Oil feed pipe connection (rubber)	1
18	B31 B33 (rigid and spring)	65–8422	Oil feed pipe connection ferrule	1
19	B31 B33 (rigid and spring)	65–8465	Oil feed pipe complete (engine)	1
20	B31 B33 (rigid and spring)	66–8332	Oil feed pipe nipple nut	1
21	B31 B33 (rigid)	2–525	Rear chainguard fixing nut washer	1
22	B31 B33 (rigid)	2–2395	Rear chainguard fixing nut	1
23	B31 B33 (rigid and spring)	65–8465	Oil return pipe complete (engine)	1
24	B31 B33 (rigid and spring)	66–8332	Oil return pipe nipple nut	1
25	B31 B33 (rigid and spring)	65–8422	Oil return pipe connection ferrule	1
26	B31 B33 (rigid and spring)	65–2060	Oil return pipe connection (rubber)	1
27	B31 B33 (rigid and spring)	65–8422	Oil return pipe connection ferrule	1
28	B31 B33 (rigid and spring)	65–8420	Oil return pipe connection	1
29	B31 (rigid and spring)	65–6608	Front stand complete	1
30	B31 B33 (rigid and spring)	15–447	Front stand mudguard fixing bolt nut	2
31	B31 B33 (rigid and spring)	2–1934	Front stand fork end fixing bolt	2
32	B31 (rigid and spring)	65–6607	Front mudguard stay	1
33	B31 B33 (rigid and spring)	15–7354	Front mudguard stay fork end fixing bolt	2
34	B31 (rigid and spring)	28–2338	Front mudguard support bridge bottom fixing bolt	4
34	B33 (rigid and spring)	28–2338	Front mudguard support bridge bottom fixing bolt	2
35	B31 B33 (rigid and spring)	2–1616	Front stand fork end fixing bolt nut	2
36	B31 B33 (rigid and spring)	24–8784	Front stand fork end fixing bolt washer (spring)	2
37	B31 B33 (rigid and spring)	24–8784	Front mudguard stay fork end fixing bolt washer (spring)	2
38	B31 B33 (rigid and spring)	2–1616	Front mudguard stay fork end fixing bolt nut	2
39	B31 B33 (rigid and spring)	2–2395	Front mudguard support bridge fixing screw nut	2
40	B31 B33 (rigid and spring)	2–1462	Front mudguard support bridge fixing screw washer (spring)	2
41	B31 B33 (rigid and spring)	66–7518	Front mudguard support bridge fixing screw washer (fibre)	2
42	B31 (rigid and spring)	65–6606	Front mudguard support bridge	1

Plate 24

MUDGUARDS, CHAINGUARD, OIL TANK, TOOLBOX and SILENCER

B31 B33 Rigid and Spring Frame



24—*continued.* MUDGUARDS, CHAINGUARD, OIL TANK, TOOLBOX and SILENCER

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
43	B31 B33 (rigid and spring)	2–2395	Front mudguard stay fixing screw nut	2
44	B31 B33 (rigid and spring)	2–1462	Front mudguard stay fixing screw washer (spring)	2
45	B31 B33 (rigid and spring)	2–2395	Front number plate fixing stud nut	2
46	B31 B33 (rigid and spring)	2–1462	Front number plate fixing stud washer (spring)	2
47	B31 B33 (rigid and spring)	15–7161	Front mudguard stay fixing screw	2
48	B31 B33 (rigid and spring)	27–8560	Front mudguard stay fixing screw washer (plain)	2
49	B31 B33 (rigid and spring)	65–6576	Front number plate complete	1
50	B31 (rigid and spring)	65–6605	Front mudguard complete with fixed fittings	1
51	B31 B33 (rigid and spring)	15–7161	Front mudguard support bridge fixing screw	2
52	B31 B33 (rigid and spring)	27–8560	Front mudguard support bridge fixing screw washer (plain)	2
53	B31 B33 (rigid and spring)	36–382	Front mudguard support bridge bottom fixing bolt washer (shakeproof)	4
54	B31 B33 (rigid and spring)	2–49	Front mudguard support bridge bottom fixing bolt nut	4
55	B31 B33 (rigid and spring)	65–8500	Oil tank filler cap	1
56	B31 B33 (rigid and spring)	67–42	Oil tank filler cap washer (fibre)	1
57	B31 B33 (rigid and spring)	65–8479	Oil tank with fixed fittings	1
58	B31 B33 (rigid and spring)	2–1354	Front stand mudguard fixing bolt	2
59	B31 B33 (rigid and spring)	65–8424	Oil return pipe connection nut	1
60	B31 B33 (rigid and spring)	65–8421	Oil return pipe connection nut washer (fibre)	1
61	B31 B33 (rigid and spring)	65–8422	Oil tank breather pipe extension ferrule	1
62	B31 B33 (rigid and spring)	65–2060	Oil tank breather pipe extension connection (rubber)	1
63	B31 B33 (rigid and spring)	29–7971	Oil feed pipe banjo union washer (fibre)	1
64	B31 B33 (rigid)	2–49	Rear mudguard chainstay bridge bolt nut	1
65	B31 B33 (rigid)	36–382	Rear mudguard chainstay bridge bolt washer (shakeproof)	1
66	B31 B33 (rigid)	2–2273	Toolbox and mudguard fixing bolt	2
67	B31 B33 (rigid)	2–525	Toolbox and mudguard fixing bolt washer (plain)	2
68	B31 B33 (rigid and spring)	2–84	Oil tank drain plug	1
69	B31 B33 (rigid and spring)	65–8422	Oil tank breather pipe extension ferrule	1
70	B31 B33 (rigid and spring)	2–100	Oil tank drain plug washer (fibre)	1
71	B31 B33 (rigid)	65–6742	Rear mudguard complete with fixed fittings	1
72	B31 B33 (rigid)	65–6770	Rear mudguard backstay bridge bracket complete	1
73	B31 B33 (rigid)	2–204	Rear mudguard backstay bridge bracket bolt	2
74	B31 B33 (rigid)	2–1354	Rear mudguard vertical stay fixing bolt	2
75	B31 B33 (rigid)	2–1374	Rear mudguard vertical stay fixing bolt washer (plain)	2
76	B31 B33 (rigid)	2–2395	Rear mudguard vertical stay fixing bolt nut	2
77	B31 B33 (rigid)	65–9100	Saddle	1
77	B31 B33 (spring)	66–9202	Saddle	1
78	B31 B33 (rigid and spring)	67–6851	Rear number plate rubber extrusion	1
79	B31 B33 (rigid and spring)	67–9067	Rear reflector (1954)	1
79	B31 B33 (rigid and spring)	67–9069	Rear reflector (1955)	1
—	B31 B33 (rigid and spring)	21–5102	Rear reflector nut (1955)	1
—	B31 B33 (rigid and spring)	29–541	Rear reflector washer (1955)	1

Plate 24—*continued.* MUDGUARDS, CHAINGUARD, OIL TANK, TOOLBOX and SILENCER

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
80	B31 B33 (rigid and spring)	67–6830	Rear number plate complete (with small hole for reflector)	1
81	B31 B33 (rigid)	2–1354	Lifting handle and rear mudguard stay fixing bolt	2
82	B31 B33 (rigid)	2–1374	Lifting handle and rear mudguard stay fixing bolt washer (plain)	2
83	B31 B33 (rigid)	2–2395	Lifting handle and rear mudguard stay fixing bolt nut	2
84	B31 B33 (rigid)	65–6839	Lifting handle and rear mudguard stay	1
85	B31 B33 (rigid and spring)	67–6839	Tail lamp wiring grommet	2
86	B31 B33 (rigid and spring)	2–204	Rear mudguard bottom stay bolt	2
87	B31 B33 (rigid and spring)	29–541	Rear number plate fixing bolt washer (shakeproof)	4
88	B31 B33 (rigid and spring)	2–220	Rear number plate fixing bolt	4
89	B31 B33 (rigid)	65–6842	Rear mudguard bottom stay (nearside)	1
90	B31 B33 (rigid)	65–6839	Rear mudguard vertical stay (nearside)	1
91	B31 B33 (rigid)	65–6837	Rear mudguard vertical stay (offside)	1
92	B31 B33 (rigid)	2–2395	Rear mudguard backstay bridge bracket bolt nut	2
93	B31 B33 (rigid)	2–1462	Rear mudguard backstay bridge bracket bolt washer (spring)	2
94	B31 B33 (rigid)	2–2395	Toolbox and mudguard fixing bolt nut	2
95	B31 B33 (rigid)	29–541	Toolbox and mudguard fixing bolt washer (shakeproof)	2
96	B31 B33 (rigid)	2–1027	Toolbox lid fixing screw nut	1
97	B31 B33 (rigid)	2–2899	Rear mudguard chainstay bridge bolt washer (plain)	1
98	B31 B33 (rigid)	27–6312	Rear mudguard chainstay bridge bolt	1
99	B31 B33 (rigid)	2–449	Rear mudguard stay fixing stud nut	2
100	B31 B33 (rigid)	2–2903	Rear mudguard stay fixing stud washer (spring)	2
101	B31 B33 (rigid)	65–6840	Rear mudguard bottom stay (offside)	1
102	B31 B33 (rigid)	15–447	Rear mudguard bottom stay bolt nut	2
103	B31 B33 (rigid)	2–449	Silencer fixing bolt nut	1
104	B31 B33 (rigid)	3–1399	Silencer fixing bolt	1

Plate 25

HANDLEBAR, PETROL TANK, DUAL SEAT, BATTERY CARRIER and BRAKE RODS

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31 B33 (rigid and spring)	29–7368	Rear brake rod adjuster ferrule	1
2	B31 B33 (rigid and spring)	65–6274	Rear brake lever swivel pin	1
3	B31 B33 (rigid and spring)	15–1312	Rear brake rod spring	1
4	B31 B33 (rigid and spring)	2–2395	Rear brake rod spring nut	1
5	B31 B33 (spring)	67–7031	Rear brake rod extension tube	1
6	B31 B33 (spring)	65–7071	Rear brake rod complete	1
7	B31 B33 (rigid and spring)	2–129	Dual seat fixing bolt	7
8	B31 B33 (rigid and spring)	2–923	Dual seat fixing bolt washer (plain)	7
9	B31 B33 (rigid and spring)	35–33	Dual seat fixing bolt washer (spring)	7
10	B31 B33 (rigid)	67–9094	Dual seat rear support bracket (offside)	1
	B31 B33 (spring)	67–9093	Dual seat rear support bracket (offside)	1
11	B31 B33 (rigid and spring)	2–49	Dual seat to mudguard fixing bolt nut	2
12	B31 B33 (rigid and spring)	35–33	Dual seat to mudguard fixing bolt washer (spring)	2
13	B31 B33 (rigid)	67–9093	Dual seat rear support bracket (nearside)	1
	B31 B33 (spring)	67–9094	Dual seat rear support bracket (nearside)	1
14	B31 B33 (rigid and spring)	2–923	Dual seat to mudguard fixing bolt washer (plain)	2
15	B31 B33 (rigid and spring)	27–6037	Dual seat to mudguard fixing bolt	2
16	B31 B33 (rigid and spring)	67–9095	Backstay and seat lug stud	1
17	B31 B33 (rigid and spring)	65–9236	Dual seat front support bracket	1
18	B31 B33 (rigid and spring)	15–431	Backstay and seat lug stud washer (plain)	2
19	B31 B33 (rigid and spring)	2–1925	Backstay and seat lug stud nut	2
20	B31 B33 (rigid and spring)	65–8038	Petrol tank rear support bolt wire	1
21	B31 B33 (rigid and spring)	66–8089	Petrol tank rear support bolt	2
22	B31 B33 (rigid and spring)	30–660	Petrol tank rear support bolt washer	2
23	B31 B33 (rigid and spring)	36–4140	Petrol tank rear support bolt rubber	2
24	B31 B33 (rigid and spring)	65–8032	Petrol tank rear support bolt rubber (top)	2
25	B31 B33 (rigid and spring)	65–8503	Twist grip rubber grip	1
26	B31 B33 (rigid and spring)	65–8504	Twist grip rotor and rotor sleeve complete	1
27	B31 B33 (rigid and spring)	24–9570	Friction spring screw	1
28	B31 B33 (rigid and spring)	24–9571	Friction spring screw locknut	1
29	B31 B33 (rigid and spring)	24–9569	Friction spring	1
30	B31 B33 (rigid and spring)	24–9573	Twist grip body screw	2
31	B31 B33 (rigid and spring)	65–8505	Twist grip body (top half)	1
32	B31 B33 (rigid and spring)	65–8506	Twist grip body (bottom half)	1
33	B31 B33 (rigid and spring)	24–9572	Twist grip cable stop	1
34	B31 B33 (rigid and spring)	65–8501	Throttle twist grip complete (less cable and cover)	1
35	B31 B33 (rigid and spring)	29–8810	Front brake control (less cable and cover)	1

Plate 25

HANDLEBAR, PETROL TANK, DUAL SEAT, BATTERY CARRIER and BRAKE RODS

B31 B33 Rigid and Spring Frame

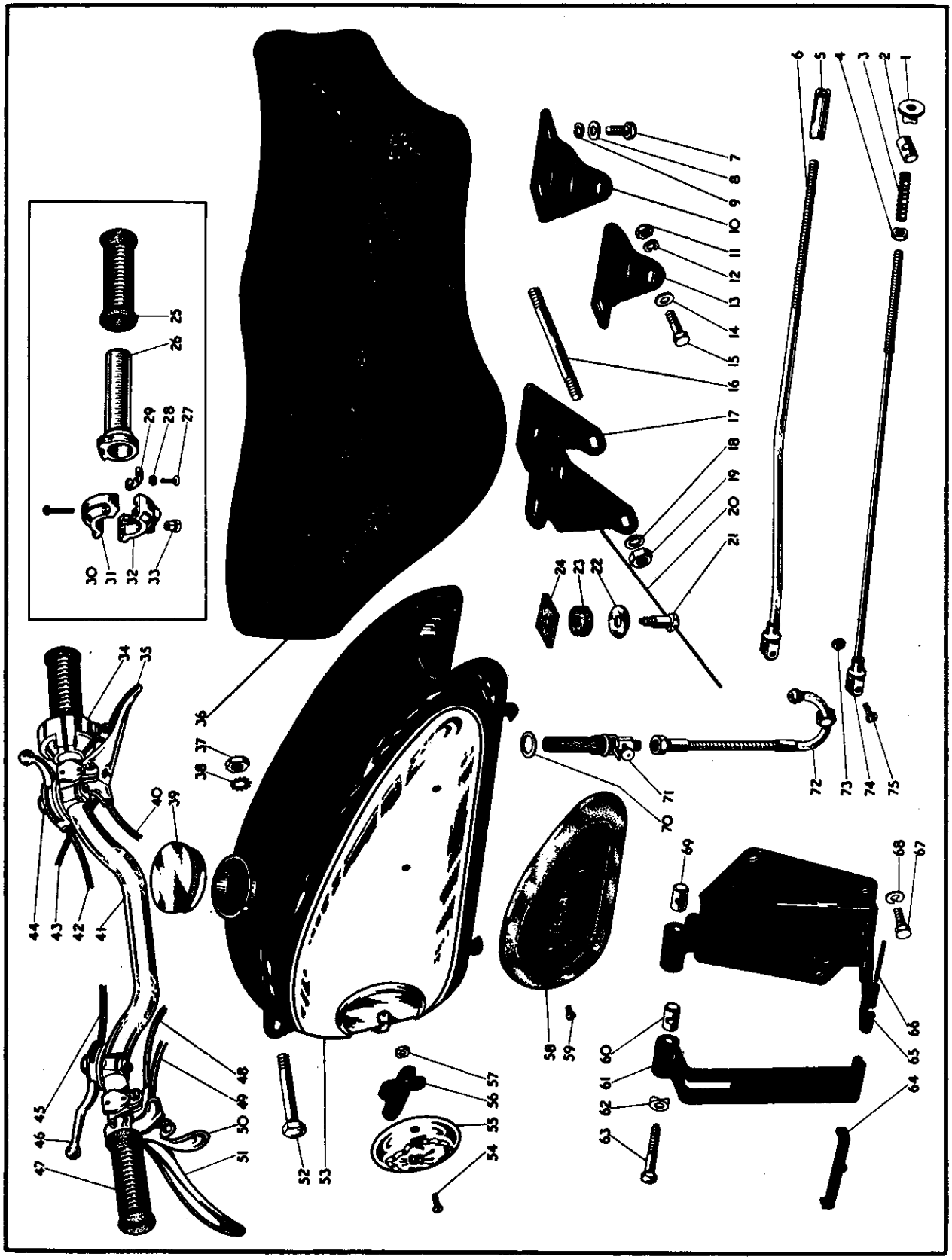


Plate 25—*continued.* HANDLEBAR, PETROL TANK, DUAL SEAT, BATTERY CARRIER and BRAKE RODS

B31 B33 Rigid and Spring Frame

Ref. Number.	Models.	Part No.	Description.	Number per set.
36	B31 B33 (rigid and spring)	65–9254	Dual seat complete	1
37	B31 B33 (rigid and spring)	2–449	Petrol tank front fixing bolt nut	1
38	B31 B33 (rigid and spring)	66–4707	Petrol tank front fixing bolt washer (shakeproof)	1
39	B31 B33 (rigid and spring)	29–7898	Petrol tank filler cap	1
40	B31 B33 (rigid and spring)	65–8675	Front brake cable and cover complete	1
41	B31 B33 (rigid and spring)	65–4960	Handlebar complete (less controls)	1
42	B31 B33 (rigid and spring)	65–8836	Air control cable and cover complete	1
43	B31 B33 (rigid and spring)	65–8832	Throttle cable and cover complete	1
44	B31 B33 (rigid and spring)	66–8896	Air control complete (less cable and cover)	1
45	B31 B33 (rigid and spring)	65–8714	Ignition control cable and cover complete	1
46	B31 B33 (rigid and spring)	66–8810	Ignition control complete (less cable and cover)	1
47	B31 B33 (rigid and spring)	65–8502	Dummy grip (left-hand bar)	1
48	B31 B33 (rigid and spring)	65–8680	Clutch control cable and cover complete	1
49	B31 B33 (rigid and spring)	65–8795	Exhaust lifter control cable and cover complete	1
50	B31 B33 (rigid and spring)	66–8513	Exhaust lifter control complete (less cable and cover)	1
51	B31 B33 (rigid and spring)	29–8820	Clutch control complete (less cable and cover)	1
52	B31 B33 (rigid and spring)	65–8326	Petrol tank front fixing bolt	1
53	B31 B33 (rigid and spring)	65–8222	Petrol tank	1
54	B31 B33 (rigid and spring)	65–8317	Petrol tank badge clip screw	4
55	B31 B33 (rigid and spring)	65–8220	Petrol tank badge	2
56	B31 B33 (rigid and spring)	42–8020	Petrol tank badge clip	2
57	B31 B33 (rigid and spring)	42–8034	Petrol tank badge clip screw nut	4
58	B31 B33 (rigid and spring)	65–8206	Knee-grip rubber (left-hand)	1
58	B31 B33 (rigid and spring)	65–8205	Knee-grip rubber (right-hand)	1
59	B31 B33 (rigid and spring)	2–79	Knee-grip fixing screw	4
—	B31 B33 (rigid and spring)	65–4667	Battery carrier complete	1
60	B31 B33 (rigid and spring)	65–2352	Battery carrier swivel block (plain)	1
61	B31 B33 (rigid and spring)	29–4657	Battery carrier strap	1
62	B31 B33 (rigid and spring)	29–4662	Battery carrier strap bolt saddle washer	1
63	B31 B33 (rigid and spring)	29–4661	Battery carrier strap bolt	1
64	B31 B33 (rigid and spring)	29–4665	Battery locating strip complete	1
65	B31 B33 (rigid and spring)	65–4668	Battery carrier bracket complete	1
66	B31 B33 (rigid and spring)	29–4664	Battery carrier hinge pin	1
67	B31 B33 (rigid and spring)	2–1934	Battery carrier fixing bolt	5

Plate 25—*continued.* HANDLEBAR, PETROL TANK, DUAL SEAT, BATTERY CARRIER and BRAKE RODS

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
68	B31 B33	24–8784	Battery carrier fixing bolt washer (spring)	5
69	B31 B33	65–2353	Battery carrier swivel block (tapped)	1
70	B31 B33	24–8504	Petrol tap washer (fibre) (.078″)	as reqd.
70	B31 B33 (spring)	65–8218	Petrol tap washer ($\frac{1}{10}$″) (1955)	as reqd.
70	B31 B33 (spring)	65–8219	Petrol tap washer ($\frac{3}{32}$″) (1955)	as reqd.
71	B31 B33	65–8216	Petrol tap	1
72	B31 B33	65–8153	Flexible petrol pipe complete	1
73	B31 B33	2–443	Rear brake rod toggle end screw nut	1
74	B31 B33 (rigid)	29–7365	Rear brake rod complete	1
75	B31 B33	2–510	Rear brake rod toggle end screw	1

B.S.A. SPARES ARE MADE WITH THE SAME ACCURACY AS THE ORIGINAL PARTS IN YOUR B.S.A. MOTOR CYCLE.

IT PAYS TO HAVE GENUINE B.S.A. SPARES

Plate 26

MUDGUARDS, CHAINGUARD, OIL TANK, SILENCER and TOOLBOX

B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B32 B34	42-7707	Rear chainguard complete	1
2	B32 B34	24-7178	Rear mudguard chainguard screw	2
3	B32 B34	27-8560	Rear mudguard chainguard screw washer (plain)	2
4	B32 B34	2-2395	Rear mudguard chainguard screw nut	2
5	B32 B34	29-541	Rear mudguard chainguard screw washer (shakeproof)	2
6	B32 B34	24-8784	Rear chainguard bolt washer (spring)	1
7	B32 B34	2-2899	Rear chainguard bolt washer (plain)	1
8	B32 B34	15-7354	Rear chainguard bolt	1
9	B32 B34	65-8465	Oil return pipe complete (engine)	1
10	B32 B34	66-8332	Oil return pipe nipple nut	1
11	B32 B34	65-8422	Oil return pipe connection ferrule	1
12	B32 B34	65-2060	Oil return pipe connection (rubber)	1
13	B32 B34	65-8422	Oil return pipe connection ferrule	1
14	B32 B34	65-8420	Oil return pipe connection	1
15	B32 B34	65-8424	Oil return pipe connection nut	1
16	B32 B34	65-8421	Oil return pipe connection nut washer (fibre)	1
17	B32 B34	2-2395	Front mudguard bottom stay fixing screw nut	2
18	B32 B34	2-1462	Front mudguard bottom stay fixing screw washer (spring)	2
19	B32 B34	65-6612	Front mudguard bottom stay	1
20	B32 B34	2-1616	Front mudguard stay fork end fixing bolt nut	4
21	B32 B34	24-8784	Front mudguard stay fork end fixing bolt washer (spring)	4
22	B32 B34	65-6612	Front mudguard top stay	1
23	B32 B34	2-923	Front mudguard stay fork end fixing bolt washer (plain)	4
24	B32 B34	15-7354	Front mudguard stay fork end fixing bolt	4
25	B32 B34	2-1462	Front mudguard centre stay fixing screw washer (spring)	2
26	B32 B34	2-2395	Front mudguard centre stay fixing screw nut	2
27	B32 B34	2-49	Front mudguard centre stay bolt nut	4
28	B32 B34	36-382	Front mudguard centre stay bolt washer (shakeproof)	4
29	B32 B34	15-480	Front mudguard centre stay bolt (offside)	2
30	B32 B34	42-6505	Front mudguard centre stay	1
31	B32 B34	2-1462	Front mudguard top stay fixing screw washer (spring)	2
32	B32 B34	2-2395	Front mudguard top stay fixing screw nut	2
33	B32 B34	15-7161	Front mudguard top stay fixing screw	2
34	B32 B34	27-8560	Front mudguard top stay fixing screw washer (plain)	2
35	B32 B34	42-6517	Front mudguard complete with fixed fittings	1
36	B32 B34	27-8560	Front mudguard centre stay fixing screw washer (plain)	2
37	B32 B34	15-7161	Front mudguard centre stay fixing screw	2
38	B32 B34	65-8500	Oil tank filler cap	1
39	B32 B34	67-42	Oil tank filler cap washer (fibre)	1
40	B32 B34	42-8356	Oil tank complete with fixed fittings	1
41	B32 B34	3-1156	Front mudguard centre stay bolt (nearside)	2
42	B32 B34	27-8560	Front mudguard bottom stay fixing screw washer (plain)	2
43	B32 B34	15-7161	Front mudguard bottom stay fixing screw	2
44	B32 B34	2-204	Rear mudguard bracket bolt	2
45	B32 B34	2-1462	Rear mudguard bracket bolt washer (spring)	2
46	B32 B34	42-8362	Oil tank fixing stud	4
47	B32 B34	2-2899	Oil tank fixing stud washer (plain)	4
48	B32 B34	42-8331	Oil tank fixing stud spacing tube	4
49	B32 B34	42-8341	Oil tank mounting pad (rubber)	4
50	B32 B34	42-8341	Oil tank mounting pad (rubber)	4
51	B32 B34	2-2899	Oil tank fixing stud washer (plain)	4
52	B32 B34	2-49	Oil tank fixing stud nut	4
53	B32 B34	2-1354	Rear mudguard clip bolt	2
54	B32 B34	2-525	Rear mudguard clip bolt washer	2
55	B32 B34	2-2276	Rear mudguard clip	1
56	B32 B34	42-6783	Rear mudguard support plate	1
57	B32 B34	27-8560	Rear mudguard stay fixing screw washer (plain)	4
58	B32 B34	15-7161	Rear mudguard stay fixing screw	4
59	B32 B34	65-6819	Rear number plate complete	1
60	B32 B34	15-7161	Rear number plate top fixing screw	2
61	B32 B34	27-8560	Rear number plate top fixing screw washer (plain)	2
62	B32 B34	2-1462	Rear mudguard stay fixing screw washer (spring)	4
63	B32 B34	2-2395	Rear mudguard stay fixing screw nut	4
64	B32 B34	27-8560	Rear number plate top fixing screw washer (plain)	2
65	B32 B34	2-1462	Rear number plate top fixing screw washer (spring)	2
66	B32 B34	2-2395	Rear number plate top fixing screw nut	2
66A	B32 B34	21-5102	Rear reflector nut	1
67	B32 B34	29-541	Rear reflector washer	1
67A	B32 B34	67-9069	Rear reflector	1

Plate 26

MUDGUARDS, CHAINGUARD, OIL TANK, SILENCER and TOOLBOX

B32 B34 Rigid Frame (Competition)

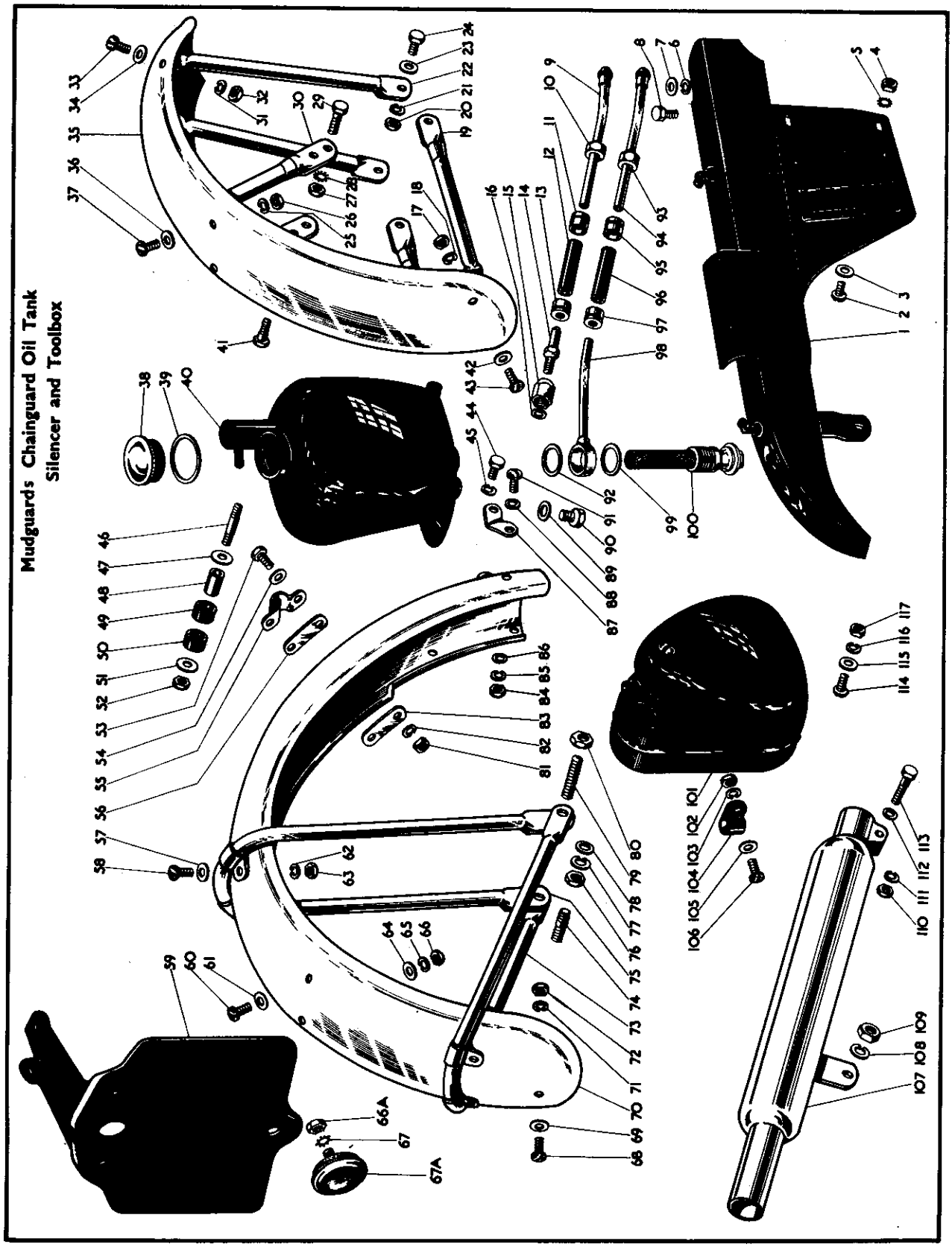


Plate 26—*continued.* MUDGUARDS, CHAINGUARD, OIL TANK, SILENCER and TOOLBOX

B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
67A	B32 B34	67–9067	Rear reflector (1954)	1
68	B32 B34	15–7161	Rear number plate bottom fixing screw	1
69	B32 B34	27–8560	Rear number plate bottom fixing screw washer (plain)	1
70	B32 B34	42–6806	Rear mudguard complete with fixed fittings	1
71	B32 B34	2–1462	Rear number plate bottom fixing screw washer (spring)	1
72	B32 B34	2–2395	Rear number plate bottom fixing screw nut	1
73	B32 B34	42–6809	Rear mudguard bottom stay complete	1
74	B32 B34	65–4618	Rear mudguard stay stud (nearside)	1
75	B32 B34	42–6807	Rear mudguard top stay complete	1
76	B32 B34	2–46	Rear mudguard stay stud nut	1
77	B32 B34	2–522	Rear mudguard stay stud washer (spring)	2
78	B32 B34	2–2138	Rear mudguard stay stud washer (plain)	2
79	B32 B34	42–6813	Rear mudguard stay stud (offside)	2
80	B32 B34	3–720	Rear mudguard stay stud locknut (offside)	1
81	B32 B34	2–2395	Rear mudguard clip bolt nut	1
82	B32 B34	2–1462	Rear mudguard clip bolt washer (spring)	2
83	B32 B34	42–6783	Rear mudguard support plate	2
84	B32 B34	2–2395	Rear mudguard bracket fixing screw nut	1
85	B32 B34	2–1462	Rear mudguard bracket fixing screw washer (spring)	2
86	B32 B34	2–525	Rear mudguard bracket fixing screw washer (plain)	2
87	B32 B34	42–6811	Rear mudguard bracket	2
88	B32 B34	2–525	Rear mudguard bracket fixing screw washer (plain)	2
89	B32 B34	2–100	Oil tank drain plug washer (fibre)	2
90	B32 B34	2–84	Oil tank drain plug	1
91	B32 B34	15–7161	Rear mudguard bracket fixing screw	1
92	B32 B34	29–7971	Oil feed pipe banjo union washer (fibre)	2
93	B32 B34	66–8332	Oil feed pipe nipple nut	1
94	B32 B34	65–8465	Oil feed pipe complete (engine)	1
95	B32 B34	65–8422	Oil feed pipe connection ferrule	1
96	B32 B34	65–2060	Oil feed pipe connection (rubber)	1
97	B32 B34	65–8422	Oil feed pipe connection ferrule	1
98	B32 B34	42–8372	Oil tank feed pipe complete	1
99	B32 B34	29–7971	Oil feed pipe banjo union washer (fibre)	1
100	B32 B34	29–7962	Oil tank filter complete	1
101	B32 B34	42–9015	Toolbox complete with fixed fittings	1
102	B32 B34	2–2395	Toolbox fixing clip screw nut	1
103	B32 B34	2–1462	Toolbox fixing clip screw washer (spring)	2
104	B32 B34	42–9020	Toolbox fixing clip	2
105	B32 B34	27–8560	Toolbox fixing clip screw washer (plain)	2
106	B32 B34	2–204	Toolbox fixing clip screw	2
107	B32 B34	42–2751	Silencer complete	2
108	B32 B34	2–522	Silencer securing nut washer (spring)	1
109	B32 B34	2–46	Silencer securing nut	1
110	B32 B34	2–2395	Silencer inlet tube clip bolt nut	1
111	B32 B34	2–1462	Silencer inlet tube clip bolt washer (spring)	1
112	B32 B34	2–525	Silencer inlet tube clip bolt washer (plain)	1
113	B32 B34	24–7343	Silencer inlet tube clip bolt	1
114	B32 B34	2–204	Toolbox to bracket fixing screw	1
115	B32 B34	27–8560	Toolbox to bracket fixing screw washer (plain)	1
116	B32 B34	2–1462	Toolbox to bracket fixing screw washer (spring)	1
117	B32 B34	2–2395	Toolbox to bracket fixing screw nut	1

Plate 27

PETROL TANK, HANDLEBAR and REAR BRAKE CONTROL

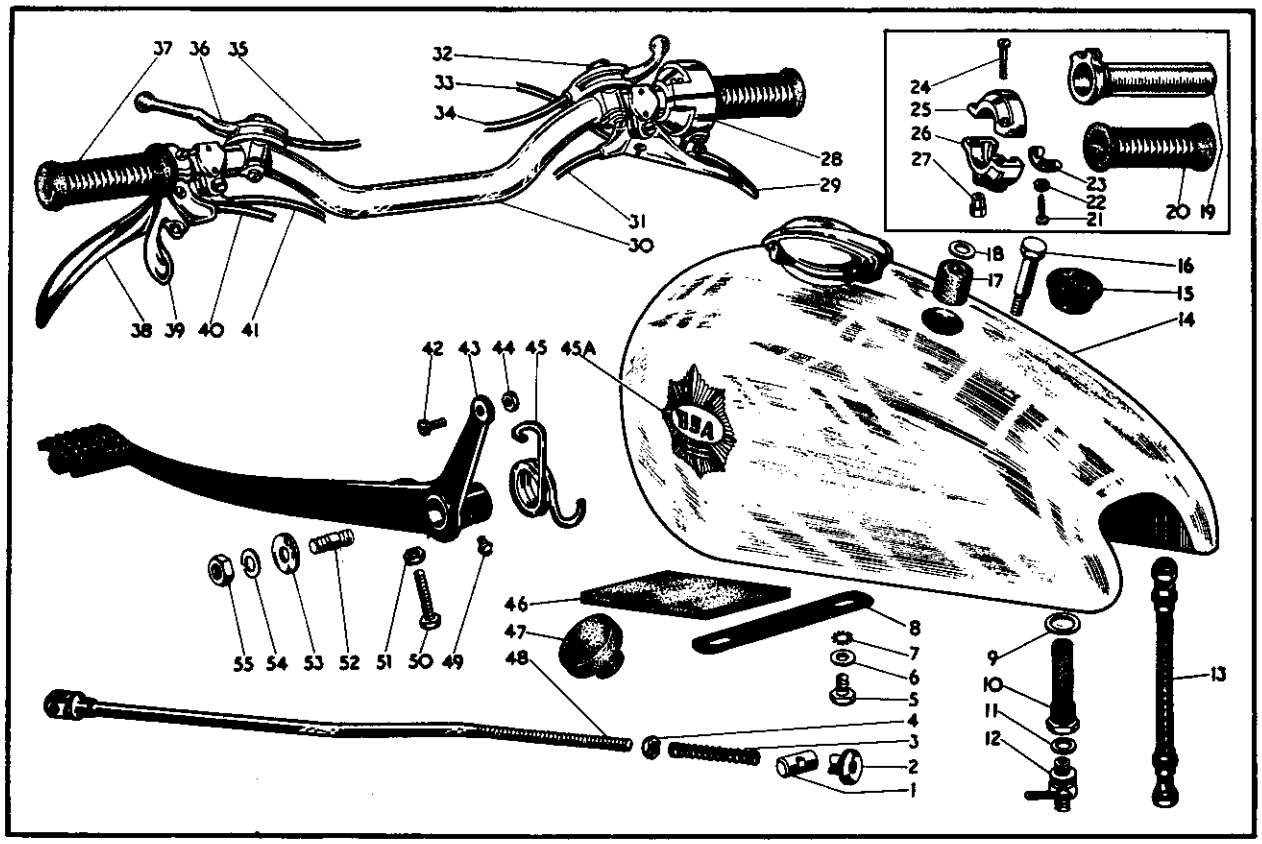
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B32 B34	65-6274	Rear brake lever swivel pin	1
2	B32 B34	29-7368	Rear brake rod adjuster ferrule	1
3	B32 B34	15-1312	Rear brake rod spring	1
4	B32 B34	2-2395	Rear brake rod spring nut	1
5	B32 B34	67-1025	Petrol tank stiffening plate bolt	2
6	B32 B34	2-923	Petrol tank stiffening plate bolt washer (plain)	2
7	B32 B34	36-382	Petrol tank stiffening plate bolt washer (shakeproof)	2
8	B32 B34	42-8037	Petrol tank stiffening plate	1
9	B32 B34	24-8504	Petrol tank filter washer (fibre)	1
10	B32 B34	27-8443	Petrol tank filter complete	1
11	B32 B34	2-930	Petrol tap washer (fibre)	As required
12	B32 B34	65-8171	Petrol tap	1
13	B32 B34	65-8172	Flexible petrol pipe	1
14	B32 B34	42-8055	Petrol tank complete with filler cap (two gallons)	1
15	B32 B34	42-8010	Petrol tank rubber grommet	1
16	B32 B34	42-8011	Petrol tank front fixing bolt	1
17	B32 B34	42-8012	Petrol tank mounting rubber (top)	1
18	B32 B34	2-1945	Petrol tank front fixing bolt washer (plain)	1
19	B32 B34	65-8504	Twist grip rotor and rotor sleeve complete	1
20	B32 B34	65-8503	Twist grip rubber grip	1
21	B32 B34	24-9570	Twist grip friction spring screw	1
22	B32 B34	24-9571	Twist grip friction spring screw locknut	1
23	B32 B34	24-9569	Twist grip friction spring	1
24	B32 B34	24-9573	Twist grip body screw	2
25	B32 B34	65-8505	Twist grip body (top half)	1
26	B32 B34	65-8506	Twist grip body (bottom half)	1
27	B32 B34	24-9572	Twist grip cable stop	1
28	B32 B34	65-8501	Throttle twist grip complete (less cable and cover)	1
29	B32 B34	29-8810	Front brake control complete (less cable and cover)	1
30	B32 B34	65-4960	Handlebar complete (less controls)	1
31	B32 B34	65-8675	Front brake cable and cover complete	1
32	B32 B34	66-8896	Air control complete (less cable and cover)	1
33	B32 B34	65-8832	Throttle cable and cover complete	1
34	B32 B34	65-8836	Air control cable and cover complete	1
35	B32 B34	65-8714	Ignition control cable and cover complete	1
36	B32 B34	66-8810	Ignition control complete (less cable and cover)	1
37	B32 B34	65-8502	Dummy grip (left-hand bar)	1
38	B32 B34	29-8820	Clutch control complete (less cable and cover)	1
39	B32 B34	42-8610	Exhaust lifter control complete (less cable and cover)	1
40	B32 B34	42-8601	Exhaust lifter control cable and cover complete	1
41	B32 B34	65-8680	Clutch control cable and cover complete	1
42	B32 B34	2-510	Rear brake rod toggle end screw	1
43	B32 B34	42-7022	Rear brake pedal complete	1
44	B32 B34	2-443	Rear brake rod toggle end screw nut	1
45	B32 B34	42-7021	Rear brake pedal return spring	1
45A	B32	65-8170	Petrol tank badge transfer (350c.c. Gold Star)	2
45A	B34	65-8175	Petrol tank badge transfer (500c.c. Gold Star)	2
46	B32 B34	42-8051	Petrol tank rubber (top tube)	2
47	B32 B34	42-8052	Petrol tank rubber (anti-roll)	2
48	B32 B34	42-7017	Rear brake rod complete	1
49	B32 B34	28-2080	Rear brake pedal grease nipple	1
50	B32 B34	67-4801	Rear brake pedal adjusting screw	1
51	B32 B34	2-2395	Rear brake pedal adjusting screw nut	1
52	B32 B34	67-4032	Rear brake pedal fulcrum stud	1
53	B32 B34	30-196	Rear brake pedal fulcrum stud washer (plain)	1
54	B32 B34	2-522	Rear brake pedal fulcrum stud washer (spring)	1
55	B32 B34	2-46	Rear brake pedal fulcrum stud nut	1

Plate 27

PETROL TANK, HANDLEBAR and REAR BRAKE CONTROL

B32 B34 Rigid Frame (Competition)



THERE'S OVER 90 YEARS' REPUTATION

FOR QUALITY BEHIND

THE B.S.A. TRADE MARKS, WHICH ARE

YOUR SAFEGUARD

Plate 28 MUDGUARDS, OIL TANK and REAR CHAINGUARD

B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31 B33	42-7701	Rear chainguard complete	1
2	B31 B33	65-292	Rear chainguard fixing bolt	1
3	B31 B33	2-923	Rear chainguard fixing bolt washer (plain)	1
4	B31 B33	30-1194	Rear chainguard fixing bolt distance piece	1
5	B31 B33	2-49	Rear chainguard fixing bolt nut	1
6	B31 B33	24-8784	Rear chainguard fixing bolt washer (spring)	1
7	B31 B33	2-49	Rear chainguard long fixing bolt nut	1
8	B31 B33	24-8784	Rear chainguard long fixing bolt washer (spring)	1
9	B31 B33	2-353	Rear chainguard fixing bolt (short)	2
10	B31 B33	24-8784	Rear chainguard short fixing bolt washer (spring)	2
11	B31 B33	24-7178	Front mudguard stiffener fixing screw	2
12	B31 B33	2-2580	Front mudguard stiffener fixing screw washer (plain)	2
13	B31 B33	67-6560	Front mudguard stiffener	1
14	B31 B33	2-1462	Front mudguard stiffener fixing screw washer (spring)	2
15	B31 B33	2-2395	Front mudguard stiffener fixing screw nut	2
16	B31	67-6558	Front stand complete	1
17	B31 B33	2-1616	Front mudguard stay fork and fixing bolt nut	2
18	B31 B33	24-8784	Front mudguard stay fork and fixing bolt washer (spring)	2
19	B31	67-6557	Front mudguard stay	1
20	B31 B33	2-923	Front mudguard stay fork end fixing bolt washer (plain)	2
21	B31 B33	2-923	Front stand fork end fixing bolt washer (plain)	2
22	B31 B33	15-7354	Front mudguard stay fork end fixing bolt	2
23	B31 B33	2-1934	Front stand fork end fixing bolt	2
24	B31 B33	32-194	Support bridge bottom fixing bolt (offside)	2
25	B31 B33	24-8784	Front stand fork end fixing bolt washer (spring)	2
26	B31 B33	2-1616	Front stand fork end fixing bolt nut	2
27	B31	2-2580	Front stand release bolt washer (thin)	1
28	B31	2-14	Front stand release bolt	1
29	B31 B33	2-1462	Front mudguard support bridge fixing screw washer (spring)	2
30	B31 B33	2-2395	Front mudguard support bridge fixing screw nut	2
31	B31 B33	2-49	Support bridge bottom fixing bolt nut	4
32	B31 B33	36-382	Support bridge bottom fixing bolt washer (shakeproof)	4
33	B31	67-6559	Front mudguard support bridge	1
34	B31 B33	2-2395	Front mudguard stay fixing screw nut	2
35	B31 B33	2-1462	Front mudguard stay fixing screw washer (spring)	2
36	B31 B33	2-2395	Front number plate fixing stud nut	2
37	B31 B33	2-1462	Front number plate fixing stud washer (spring)	2
38	B31 B33	27-8560	Front mudguard stay fixing screw washer (plain)	2
39	B31 B33	65-6576	Front number plate complete	1
40	B31 B33	15-7161	Front mudguard stay fixing screw	2
41	B31 B33	42-8342	Oil tank mounting strip rubber	4
42	B31 B33	65-8500	Oil tank filler cap	1
43	B31 B33	67-42	Oil tank filler cap washer (fibre)	1
44	B31 B33	42-8367	Oil tank with fixed fittings	1
45	B31	67-6556	Front mudguard with fixed fittings	1
46	B31 B33	27-8560	Front mudguard support bridge fixing screw washer (plain)	2
47	B31 B33	15-7161	Front mudguard support bridge fixing screw	2
48	B31 B33	28-2338	Support bridge bottom fixing bolt (nearside)	2
49	B31 B33	42-8334	Oil tank filter assembly	1
50	B31 B33	42-8343	Oil tank filter plug washer (fibre)	1
51	B31 B33	15-7354	Rear mudguard frame fixing bolt	2
52	B31 B33	2-49	Rear mudguard bottom bracket fixing bolt nut	2
53	B31 B33	24-8784	Rear mudguard bottom bracket fixing bolt washer (spring)	2
54	B31 B33	42-8344	Oil tank feed pipe (armoured)	1
55	B31 B33	42-8345	Oil tank return pipe (armoured)	1
56	B31 B33	42-6853	Rear mudguard distance piece (rubber)	2
57	B31 B33	42-6759	Rear mudguard fixing clip (large)	2
58	B31 B33	2-525	Rear mudguard fixing clip bolt washer (plain)	4
59	B31 B33	24-8328	Rear mudguard fixing clip bolt	4
60	B31 B33	29-5289	Oil tank top fixing bolt	1
61	B31 B33	2-537	Oil tank top fixing bolt washer (plain)	1
62	B31 B33	42-8339	Oil tank top fixing bolt distance tube	1
63	B31 B33	42-8331	Oil tank top fixing bolt spacing tube	1
64	B31 B33	15-203	Rocker feed pipe banjo washer (fibre)	1
65	B31 B33	42-8340	Rocker feed pipe banjo locknut	1
66	B31 B33	42-8326	Oil tank front fixing bolt complete	1
67	B31 B33	42-8341	Oil tank top fixing bolt mounting pad (rubber)	2
68	B31 B33	2-537	Oil tank top fixing bolt washer (plain)	1
69	B31 B33	2-49	Oil tank top fixing bolt nut	1

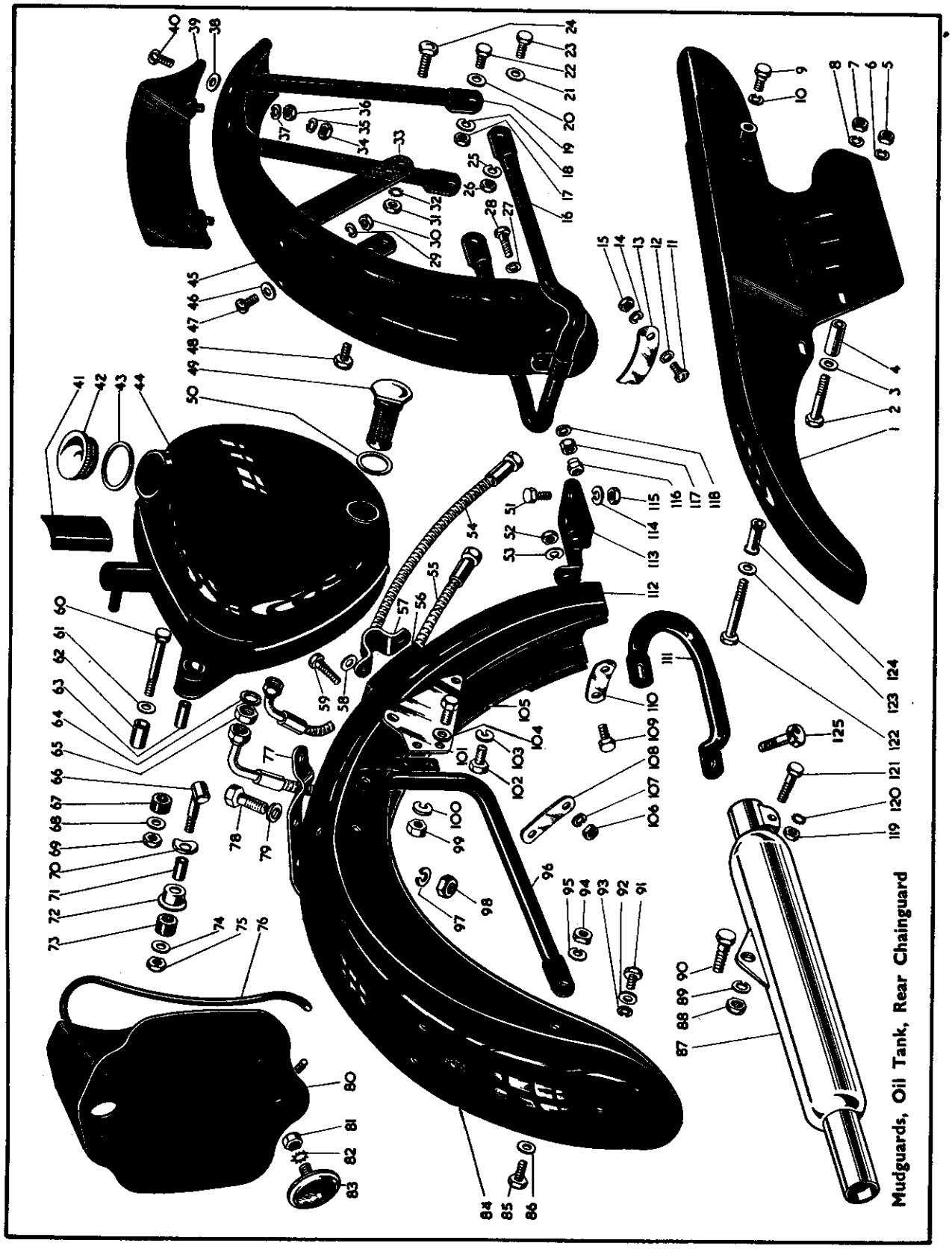
MUDGUARDS, OIL TANK and REAR CHAINGUARD

B31 B33 Swinging Arm Frame

te Ref. mber.	Models.	Part No.	Description.	Number per set.
70	B31 B33	42-8329	Oil tank fixing bolt saddle washer	1
71	B31 B33	42-8331	Oil tank front fixing bolt spacing tube	1
72	B31 B33	42-8330	Oil tank front fixing bolt bracket cup	1
73	B31 B33	42-8341	Oil tank front fixing bolt mounting pad (rubber)	1
74	B31 B33	2-537	Oil tank front fixing bolt washer (plain)	1
75	B31 B33	2-49	Oil tank front fixing bolt nut	1
76	B31 B33	67-6851	Rear number plate rubber extrusion	1
77	B31 B33	42-6799	Dual seat support bridge	1
78	B31 B33	15-7354	Dual seat support bridge bolt	2
79	B31 B33	2-923	Dual seat support bridge bolt washer (plain)	2
80	B31 B33	67-6830	Rear number plate complete	1
81	B31 B33	21-5102	Rear number plate reflector nut	1
82	B31 B33	29-541	Rear number plate reflector washer (shakeproof)	1
83	B31 B33	67-9069	Reflector	1
83	B31 B33	67-9067	Rear reflector (1954)	1
84	B31 B33	67-6839	Rear mudguard tail lamp wiring grommet	2
85	B31 B33	28-2338	Rear mudguard stay bolt	2
86	B31 B33	2-923	Rear mudguard stay bolt washer (plain)	4
87	B31 B33	42-2725	Silencer complete	1
88	B31 B33	2-449	Silencer bracket fixing bolt nut	1
89	B31 B33	2-522	Silencer bracket fixing bolt washer (spring)	1
90	B31 B33	2-803	Silencer bracket fixing bolt	1
91	B31 B33	2-220	Rear number plate fixing bolt	4
92	B31 B33	27-8560	Rear number plate fixing bolt washer (plain)	4
93	B31 B33	2-1462	Rear number plate fixing bolt washer (spring)	4
94	B31 B33	2-49	Rear mudguard stay bolt nut	4
95	B31 B33	24-8784	Rear mudguard stay bolt washer (spring)	4
96	B31 B33	42-6860/7	Rear mudguard stay complete (offside)	1
96	B31 B33	42-6858	Rear mudguard stay complete (nearside)	1
96	B31 B33	42-6824	Rear mudguard stay complete (offside) (1954)	1
96	B31 B33	42-6822	Rear mudguard stay complete (nearside) (1954)	1
97	B31 B33	24-8784	Dual seat support bridge washer (spring)	2
98	B31 B33	2-49	Dual seat support bridge bolt nut	2
99	B31 B33	2-2395	Rear mudguard stay bracket bolt nut	4
100	B31 B33	2-1462	Rear mudguard stay bracket bolt washer (spring)	4
101	B31 B33	42-6761	Rear mudguard stay bracket (offside)	1
102	B31 B33	67-8313	Rear mudguard stay bracket bottom bolt	2
103	B31 B33	24-8784	Rear mudguard stay bracket bottom bolt washer (spring)	2
104	B31 B33	2-923	Rear mudguard stay bracket bolt washer (plain)	4
105	B31 B33	28-2338	Rear mudguard stay bracket bolt	4
106	B31 B33	2-2395	Rear mudguard fixing clip bolt nut	4
107	B31 B33	2-1462	Rear mudguard fixing clip bolt washer (spring)	4
108	B31 B33	42-6782	Rear mudguard fixing clip stiffening plate	2
109	B31 B33	24-7148	Rear mudguard bottom bracket fixing bolt	2
110	B31 B33	42-6783	Rear mudguard support plate	1
111	B31 B33	42-6865	Lifting handle	1
112	B31 B33	42-6856	Rear mudguard complete with fixed fittings	1
112	B31 B33	42-6841	Rear mudguard with fixed fittings (1954)	1
113	B31 B33	42-6820	Rear mudguard bottom bracket	1
114	B31 B33	24-8784	Rear mudguard frame fixing bolt washer (spring)	2
115	B31 B33	2-49	Rear mudguard frame fixing bolt nut	2
116	B31	15-447	Front stand release bolt nut	1
117	B31	27-410	Front stand release bolt locknut	1
118	B31	2-6537	Front stand release bolt washer (thick)	1
119	B31 B33	2-2395	Silencer inlet tube clip bolt nut	1
120	B31 B33	29-541	Silencer inlet tube clip bolt washer (shakeproof)	1
121	B31 B33	24-7343	Silencer inlet tube clip bolt	1
122	B31 B33	33-4089	Rear chainguard fixing bolt (long)	1
123	B31 B33	2-923	Rear chainguard fixing bolt washer (plain)	1
124	B31 B33	42-7703	Rear chainguard fixing bolt distance tube (short)	1
125	B31 B33	27-6037	Rear mudguard stay and lifting handle bolt	2

Plate 28 MUDGUARDS, OIL TANK and REAR CHAINGUARD

B31 B33 Swinging Arm Frame



ate 29 HANDLEBAR, PETROL TANK, MUDGUARDS, TOOLBOX and DUAL SEAT

B Group Swinging Arm Frame

te Ref. mber.	Models.	Part No.	Description.	Number per set.
1	B Group (swinging arm)	29–7368	Rear brake rod adjuster ferrule	1
2	B Group (swinging arm)	65–6274	Rear brake lever swivel pin	1
3	B Group (swinging arm)	15–1312	Rear brake rod spring	1
4	B Group (swinging arm)	2–2395	Rear brake rod spring nut	1
5	B Group (swinging arm)	42–7007	Rear brake rod complete	1
6	B Group (swinging arm)	42–9038	Toolbox complete	1
7	B Group (swinging arm)	65–292	Toolbox top fixing bolt	1
8	B Group (swinging arm)	35–33	Toolbox top fixing bolt washer (spring)	1
9	B Group B31 B33 (swinging arm)	42–4080	Toolbox fixing stud	2
10	B Group B31 B33 (swinging arm)	2–49	Toolbox fixing stud nut	2
11	B Group B31 B33 (swinging arm)	35–33	Toolbox fixing stud washer (spring)	2
12	B Group B31 B33 (swinging arm)	42–8339	Toolbox top fixing bolt distance tube	1
13	B Group B31 B33 (swinging arm)	2–49	Toolbox top fixing bolt nut	1
14	B Group B31 B33 (swinging arm)	27–5674	Toolbox top fixing bolt washer (plain)	1
15	B Group B31 B33 (swinging arm)	42–9061	Dual seat rear fixing bolt	2
16	B Group B31 B33 (swinging arm)	2–923	Dual seat rear fixing bolt washer (plain)	2
17	B Group B31 B33 (swinging arm)	35–33	Dual seat rear fixing bolt washer (spring)	2
18	B31 B33 (swinging arm)	42–6799	Dual seat rear support bridge	1
18	B32 B34 (swinging arm)	42–9062	Dual seat rear support bridge	1
19	B31 B33 (swinging arm)	42–9072	Dual seat complete with brackets (as required)	1
19	B32 B34 (swinging arm)	42–9085	Dual seat complete with brackets	1
20	B Group (swinging arm)	2–49	Dual seat rear support bridge bolt nut	2
21	B Group (swinging arm)	24–8784	Dual seat rear support bridge bolt washer (spring)	2
22	B Group (swinging arm)	2–923	Dual seat rear support bridge bolt washer (plain)	2
23	B Group (swinging arm)	15–7354	Dual seat rear support bridge bolt	2
24	B Group (swinging arm)	65–8503	Twist grip rubber grip	1
25	B Group (swinging arm)	65–8504	Twist grip rotor and rotor sleeve complete	1
26	B Group (swinging arm)	24–9570	Twist grip friction spring screw	1
27	B Group (swinging arm)	24–9571	Twist grip friction spring screw locknut	1
28	B Group (swinging arm)	24–9569	Twist grip friction spring	1
29	B Group (swinging arm)	24–9573	Twist grip body screw	2
30	B Group (swinging arm)	65–8505	Twist grip body (top half)	1
31	B Group (swinging arm)	65–8506	Twist grip body (bottom half)	1
32	B Group (swinging arm)	24–9572	Twist grip cable stop	1
33	B Group (swinging arm)	65–8501	Throttle twist grip complete (less cable and cover)	1
34	B Group (swinging arm)	29–8810	Front brake control complete (less cable and cover)	1
35	B Group (swinging arm)	42–8010	Petrol tank rubber grommet	1
36	B Group (swinging arm)	42–8011	Petrol tank front fixing bolt	1
37	B Group (swinging arm)	2–1945	Petrol tank front fixing bolt washer (plain)	1
38	B Group (swinging arm)	42–8012	Petrol tank mounting rubber (top)	1
39	B31 B33 (swinging arm)	42–8043/36	Petrol tank (two gallons)	1
39	B32 B34 (swinging arm)	42–8043/19	Petrol tank (two gallons)	1
39	B31 B33 (swinging arm)	42–8053/36	Petrol tank (four gallons)	1
40	B Group (swinging arm)	29–7898	Petrol tank filler cap	1
41	B31 B32 B34 (swinging arm)	65–8675	Front brake control cable and cover complete	1
41	B33 (swinging arm)	67–8610	Front brake control cable and cover complete	1
42	B Group (swinging arm)	65–4960	Handlebar (less controls)	1
43	B Group (swinging arm)	65–8836	Air control cable and cover complete	1
44	B Group (swinging arm)	65–8832	Throttle control cable and cover complete	1
45	B Group (swinging arm)	66–8896	Air control complete (less cable and cover)	1
46	B Group (swinging arm)	65–8714	Ignition control cable and cover complete	1
47	B Group (swinging arm)	66–8810	Ignition control complete (less cable and cover)	1
48	B Group (swinging arm)	65–8502	Dummy grip (left-hand bar)	1
49	B Group (swinging arm)	29–8820	Clutch control complete (less cable and cover)	1
50	B Group (swinging arm)	66–8513	Exhaust control complete (less cable and cover)	1
51	B Group (swinging arm)	65–8795	Exhaust control cable and cover complete	1
52	B Group (swinging arm)	65–8680	Clutch control cable and cover complete	1
53	B Group (swinging arm)	42–8034	Petrol tank badge clip screw nut	4
54	B Group (swinging arm)	42–8020	Petrol tank badge clip	2
55	B Group (swinging arm)	2–79	Knee-grip fixing screw	4
56	B Group (swinging arm)	65–8220	Petrol tank badge	2
57	B Group (swinging arm)	65–8317	Petrol tank badge clip screw	4
58	B33 (swinging arm)	67–6547	Front mudguard stay insulator (rubber)	2
59	B33 (swinging arm)	67–6544	Front mudguard stay	1
60	B33 (swinging arm)	67–6546	Front mudguard bridge stay insulator (rubber)	2
61	B33 (swinging arm)	65–6606	Front mudguard support bridge	1
62	B33 (swinging arm)	2–1354	Front stand mudguard fixing bolt	2
63	B33 (swinging arm)	67–6530	Front stand complete	1

Plate 29

HANDLEBAR, PETROL TANK, MUDGUARDS, TOOLBOX and DUAL SEAT

B Group Swinging Arm Frame

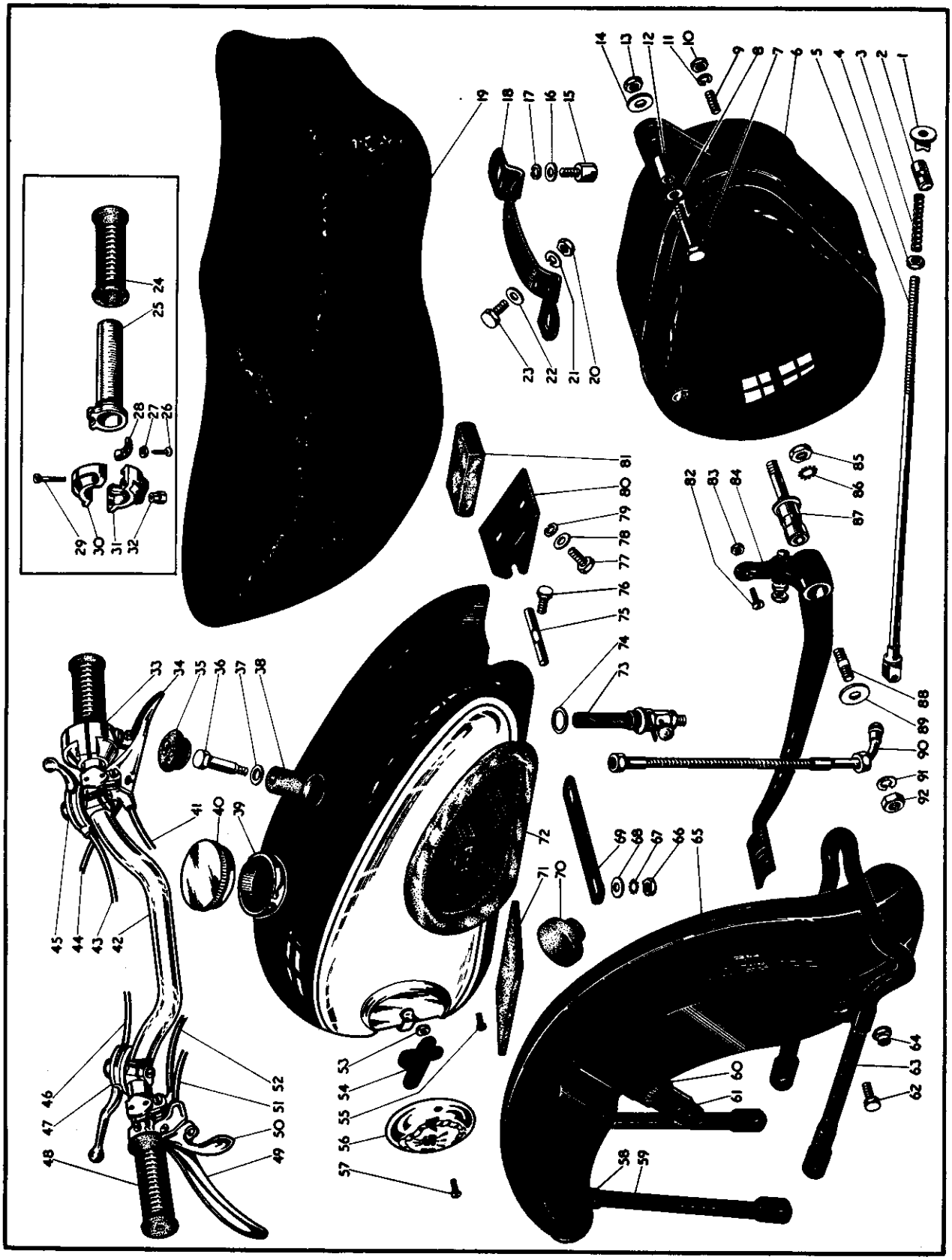


Plate 29—*continued.* HANDLEBAR, PETROL TANK, MUDGUARDS, TOOLBOX and DUAL SEAT

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
64	B33 (swinging arm)	15–447	Front stand mudguard fixing bolt nut	2
65	B33 (swinging arm)	67–6543	Front mudguard complete with fixed fittings	1
66	B Group (swinging arm)	2–49	Petrol tank stiffening plate stud nut	2
67	B Group (swinging arm)	36–382	Petrol tank stiffening plate stud washer (shakeproof)	2
68	B Group (swinging arm)	2–923	Petrol tank stiffening plate stud washer (plain)	2
69	B Group (swinging arm)	42–8058	Petrol tank stiffening plate	1
70	B Group (swinging arm)	42–8052	Petrol tank mounting rubber (anti-roll)	2
71	B Group (swinging arm)	42–8051	Petrol tank mounting rubber (top tube)	2
72	B Group (swinging arm)	65–8206	Knee-grip rubber (left-hand)	1
72	B Group (swinging arm)	65–8205	Knee-grip rubber (right-hand)	1
73	B Group (swinging arm)	65–8216	Petrol tap	1
74	B Group (swinging arm)	24–8504	Petrol tap washer (fibre)	1
75	B Group (swinging arm)	42–9060	Dual seat front support pin	1
76	B Group (swinging arm)	2–220	Dual seat front support pin securing bolt	1
77	B Group (swinging arm)	28–2338	Dual seat front fixing bolt	2
78	B Group (swinging arm)	2–923	Dual seat front fixing bolt washer (plain)	2
79	B Group (swinging arm)	35–33	Dual seat front fixing bolt washer (spring)	2
80	B Group (swinging arm)	42–9058	Dual seat front support bracket	1
81	B Group (swinging arm)	42–9057	Dual seat support rubber	2
82	B Group (swinging arm)	2–510	Rear brake rod toggle end screw	1
83	B Group (swinging arm)	2–443	Rear brake rod toggle end screw nut	1
84	B Group (swinging arm)	42–7003	Rear brake pedal complete	1
85	B Group (swinging arm)	2–46	Rear brake pedal fulcrum pin nut	1
86	B Group (swinging arm)	66–4707	Rear brake pedal fulcrum pin washer (shakeproof)	1
87	B Group (swinging arm)	42–7012	Rear brake pedal fulcrum pin	1
88	B Group (swinging arm)	67–4032	Rear brake pedal fulcrum stud	1
89	B Group (swinging arm)	30–196	Rear brake pedal fulcrum stud washer (plain)	1
90	B Group (swinging arm)	42–8076	Flexible petrol pipe complete	1
90	B31 B33 (swinging arm)	42–8060	Petrol pipe (plastic) (1954)	1
91	B Group (swinging arm)	2–522	Rear brake pedal fulcrum stud washer (spring)	1
92	B Group (swinging arm)	2–46	Rear brake pedal fulcrum stud nut	1

EVERY OWNER OF A B.S.A. MOTOR CYCLE IS STRONGLY ADVISED TO BUY ONLY GENUINE B.S.A. SPARE PARTS WHEN REPLACEMENTS BECOME NECESSARY

Plate 30

MUDGUARDS, CHAINGUARD, OIL TANK, SILENCER and HANDRAIL

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B32 B34 (swinging arm)	42–7701/3	Rear chainguard complete	1
2	B32 B34 (swinging arm)	65–292	Rear chainguard fixing bolt	1
3	B32 B34 (swinging arm)	2–923	Rear chainguard fixing bolt washer (plain)	1
4	B32 B34 (swinging arm)	30–1194	Rear chainguard fixing bolt distance piece	1
5	B32 B34 (swinging arm)	24–8784	Rear chainguard fixing bolt washer (spring)	1
6	B32 B34 (swinging arm)	2–49	Rear chainguard fixing bolt nut	1
7	B32 B34 (swinging arm)	24–8784	Rear chainguard long fixing bolt washer (spring)	1
8	B32 B34 (swinging arm)	2–49	Rear chainguard long fixing bolt nut	1
9	B32 B34 (swinging arm)	2–353	Rear chainguard fixing bolt (short)	2
10	B32 B34 (swinging arm)	24–8784	Rear chainguard short fixing bolt washer (spring)	2
11	B32 B34 (swinging arm)	15–7161	Front mudguard stay fixing screw	4
12	B32 B34 (swinging arm)	27–8560	Front mudguard stay fixing screw washer (plain)	4
13	B32 B34 (swinging arm)	42–6503	Front mudguard with fixed fittings	1
14	B32 B34 (swinging arm)	2–1462	Front mudguard stay fixing screw washer (spring)	4
15	B32 B34 (swinging arm)	2–2395	Front mudguard stay fixing screw nut	4
16	B32 B34 (swinging arm)	65–6612	Front mudguard bottom stay	1
17	B32 B34 (swinging arm)	2–1616	Front mudguard stay fork end fixing bolt nut	4
18	B32 B34 (swinging arm)	24–8784	Front mudguard stay fork end fixing bolt washer (spring)	4
19	B32 B34 (swinging arm)	65–6612	Front mudguard top stay	1
20	B32 B34 (swinging arm)	2–923	Front mudguard stay fork end fixing bolt washer (plain)	4
21	B32 B34 (swinging arm)	15–7354	Front mudguard stay fork end fixing bolt	4
22	B32 B34 (swinging arm)	2–49	Front mudguard centre stay bolt nut	4
23	B32 B34 (swinging arm)	36–382	Front mudguard centre stay bolt washer (shakeproof)	4
24	B32 B34 (swinging arm)	2–1462	Front mudguard centre stay fixing screw washer (spring)	2
25	B32 B34 (swinging arm)	2–2395	Front mudguard centre stay fixing screw nut	2
26	B32 B34 (swinging arm)	42–6505	Front mudguard centre stay complete	1
27	B32 B34 (swinging arm)	3–1156	Front mudguard centre stay bolt	4
28	B32 B34 (swinging arm)	2–2395	Front number plate fixing stud nut	2
29	B32 B34 (swinging arm)	2–1462	Front number plate fixing stud washer (spring)	2
30	B32 B34 (swinging arm)	65–6576	Front number plate complete	1
31	B32 B34 (swinging arm)	15–7161	Front mudguard centre stay fixing screw	2
32	B32 B34 (swinging arm)	27–8560	Front mudguard centre stay fixing screw washer (plain)	2
33	B32 B34 (swinging arm)	42–8334	Oil tank filter assembly	1
34	B32 B34 (swinging arm)	42–8343	Oil tank filter plug washer (fibre)	1

Plate 30

MUDGUARDS, CHAINGUARD, OIL TANK, SILENCER and HANDRAIL

B Group Swinging Arm Frame

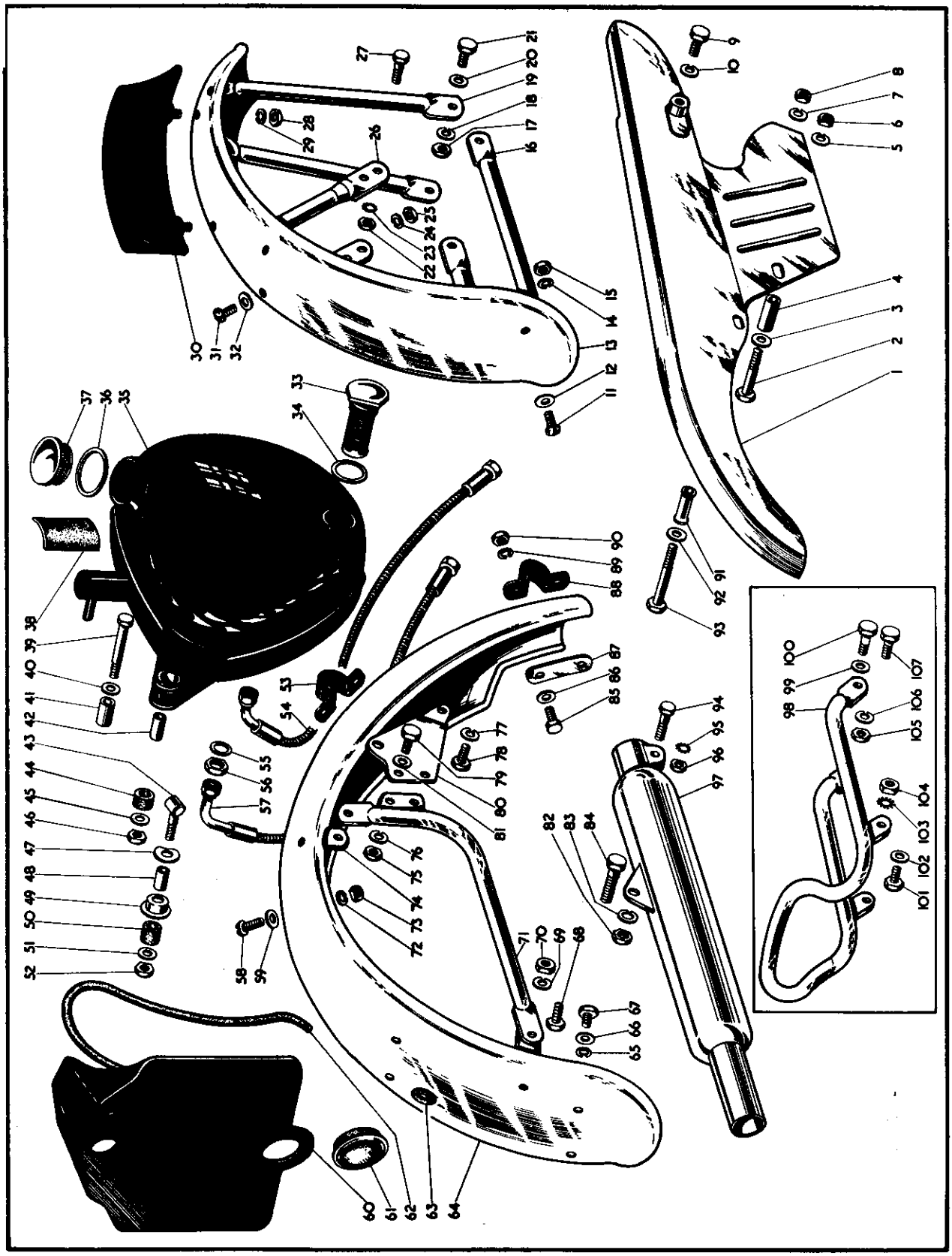


Plate 30—*continued.* MUDGUARDS, CHAINGUARD, OIL TANK, SILENCER and HANDRAIL

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
35	B32 B34 (swinging arm)	42–8367	Oil tank with fixed fittings	1
36	B32 B34 (swinging arm)	67–42	Oil tank filler cap washer (fibre)	1
37	B32 B34 (swinging arm)	65–8500	Oil tank filler cap	1
38	B32 B34 (swinging arm)	42–8342	Oil tank mounting strip (rubber)	4
39	B32 B34 (swinging arm)	29–5289	Oil tank top fixing bolt	1
40	B32 B34 (swinging arm)	2–537	Oil tank top fixing bolt washer (plain)	1
41	B32 B34 (swinging arm)	42–8339	Oil tank top fixing bolt distance tube	1
42	B32 B34 (swinging arm)	42–8331	Oil tank top fixing bolt spacing tube	1
43	B32 B34 (swinging arm)	42–8326	Oil tank front fixing bolt complete	1
44	B32 B34 (swinging arm)	42–8341	Oil tank top fixing bolt mounting pad (rubber)	2
45	B32 B34 (swinging arm)	2–537	Oil tank top fixing bolt washer (plain)	1
46	B32 B34 (swinging arm)	2–49	Oil tank top fixing bolt nut	1
47	B32 B34 (swinging arm)	42–8329	Oil tank front fixing bolt saddle washer	1
48	B32 B34 (swinging arm)	42–8331	Oil tank front fixing bolt spacing tube	1
49	B32 B34 (swinging arm)	42–8330	Oil tank front fixing bolt bracket cup	1
50	B32 B34 (swinging arm)	42–8341	Oil tank front fixing bolt mounting pad (rubber)	1
51	B32 B34 (swinging arm)	2–537	Oil tank front fixing bolt washer (plain)	1
52	B32 B34 (swinging arm)	2–49	Oil tank front fixing bolt nut	1
53	B32 B34 (swinging arm)	42–6785	Rear mudguard fixing clip (small)	1
54	B32 B34 (swinging arm)	42–8344	Oil tank feed pipe (armoured)	1
55	B32 B34 (swinging arm)	15–203	Rocker feed pipe banjo washer (fibre)	1
56	B32 B34 (swinging arm)	42–8340	Rocker feed pipe banjo locknut	1
57	B32 B34 (swinging arm)	42–8345	Oil tank return pipe (armoured)	1
58	B32 B34 (swinging arm)	15–7161	Rear mudguard bridge fixing screw (when saddle is fitted)	4
59	B32 B34 (swinging arm)	27–8560	Rear mudguard bridge fixing screw washer (plain) (when saddle is fitted)	4
60	B32 B34 (swinging arm)	67–6830	Rear number plate complete	1
61	B32 B34 (swinging arm)	67–9067	Rear reflector	1
61	B32 B34 (swinging arm)	67–9069	Rear reflector (1955)	1
—	B32 B34 (swinging arm)	21–5102	Rear reflector nut (1955)	1
—	B32 B34 (swinging arm)	29–541	Rear reflector nut washer (1955)	1
62	B32 B34 (swinging arm)	67–6851	Rear number plate rubber extrusion	1
63	B32 B34 (swinging arm)	67–6839	Rear mudguard tail lamp wiring grommet	2
64	B32 B34 (swinging arm)	42–6851	Rear mudguard complete with fixed fittings	1
65	B32 B34 (swinging arm)	2–1462	Rear number plate fixing bolt washer (spring)	4

Plate 30—*continued.* MUDGUARDS, CHAINGUARD, OIL TANK, SILENCER and HANDRAIL

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
66	B32 B34 (swinging arm)	27-8560	Rear number plate fixing bolt washer (plain)	4
67	B32 B34 (swinging arm)	2-220	Rear number plate fixing bolt	4
68	B32 B34 (swinging arm)	24-6770	Rear mudguard stay bolt	4
69	B32 B34 (swinging arm)	24-8784	Rear mudguard stay bolt washer (spring)	4
70	B32 B34 (swinging arm)	2-49	Rear mudguard stay bolt nut	4
71	B32 B34 (swinging arm)	42-6846	Rear mudguard stay complete (offside)	1
71	B32 B34 (swinging arm)	42-6848	Rear mudguard stay complete (nearside)	1
72	B32 B34 (swinging arm)	2-1462	Rear mudguard bridge fixing screw washer (spring) (when saddle is fitted)	4
73	B32 B34 (swinging arm)	2-2395	Rear mudguard bridge fixing screw nut (when saddle is fitted)	4
74	B32 B34 (swinging arm)	42-6832	Rear mudguard bridge	2
75	B32 B34 (swinging arm)	2-2395	Rear mudguard stay bracket bolt nut	4
76	B32 B34 (swinging arm)	2-1462	Rear mudguard stay bracket boltwasher (spring)	4
77	B32 B34 (swinging arm)	24-8784	Rear mudguard stay bracket bottom bolt washer (spring)	2
78	B32 B34 (swinging arm)	28-2338	Rear mudguard stay bracket bottom bolt	2
79	B32 B34 (swinging arm)	28-2338	Rear mudguard stay bracket bolt	4
80	B32 B34 (swinging arm)	42-6761	Rear mudguard stay bracket (offside)	1
80	B32 B34 (swinging arm)	42-6762	Rear mudguard stay bracket (nearside)	1
81	B32 B34 (swinging arm)	2-923	Rear mudguard stay bracket bolt washer (plain)	4
82	B32 B34 (swinging arm)	2-449	Silencer bracket fixing bolt nut (when pillion footrests not fitted)	1
83	B32 B34 (swinging arm)	2-522	Silencer bracket fixing bolt washer (spring) (when pillion footrests not fitted)	1
84	B32 B34 (swinging arm)	2-803	Silencer bracket fixing bolt (when pillion footrests not fitted)	1
85	B32 B34 (swinging arm)	2-204	Rear mudguard fixing clip bolt	4
86	B32 B34 (swinging arm)	27-8560	Rear mudguard fixing clip bolt washer (plain)	4
87	B32 B34 (swinging arm)	42-6782	Rear mudguard fixing clip stiffening plate	2
88	B32 B34 (swinging arm)	42-6759	Rear mudguard fixing clip (large)	1
89	B32 B34 (swinging arm)	2-1462	Rear mudguard fixing clip bolt washer (spring)	4
90	B32 B34 (swinging arm)	2-2395	Rear mudguard fixing clip bolt nut	4
91	B32 B34 (swinging arm)	42-7703	Rear chainguard fixing bolt distance tube (short)	1
92	B32 B34 (swinging arm)	2-923	Rear chainguard fixing bolt washer (plain)	1
93	B32 B34 (swinging arm)	33-4089	Rear chainguard fixing bolt (long)	1
94	B32 B34 (swinging arm)	24-7343	Silencer inlet tube clip bolt	1
95	B32 B34 (swinging arm)	29-541	Silencer inlet tube clip bolt washer (shakeproof)	1
96	B32 B34 (swinging arm)	2-2395	Silencer inlet tube clip bolt nut	1
97	B32 (swinging arm)	42-2782	Silencer complete	1
97	B34 (swinging arm)	42-2730	Silencer complete	1
98	B32 B34 (swinging arm)	42-9065	Dual seat handrail complete	1

Plate 30—*continued.* MUDGUARDS, CHAINGUARD, OIL TANK, SILENCER and HANDRAIL

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
99	B32 B34 (swinging arm)	2–923	Handrail stay bolt washer (plain)	2
100	B31 B33 (swinging arm)	27–6037	Handrail stay bolt	2
101	B32 B34 (swinging arm)	24–6770	Handrail mudguard bolt	2
102	B32 B34 (swinging arm)	2–923	Handrail mudguard bolt washer (plain)	2
103	B32 B34 (swinging arm)	36–382	Handrail mudguard bolt washer (shakeproof)	2
104	B32 B34 (swinging arm)	2-49	Handrail mudguard bolt nut	2
105	B32 B34 (swinging arm)	2–49	Handrail stay bolt nut	2
106	B32 B34 (swinging arm)	24–8784	Handrail stay bolt washer (spring)	2
107	B32 B34 (swinging arm)	28–2338	Handrail stay bolt	2

FOR THE SAME REASON THAT YOU BUY A B.S.A. MOTOR CYCLE—TO GET THE GREATEST VALUE—

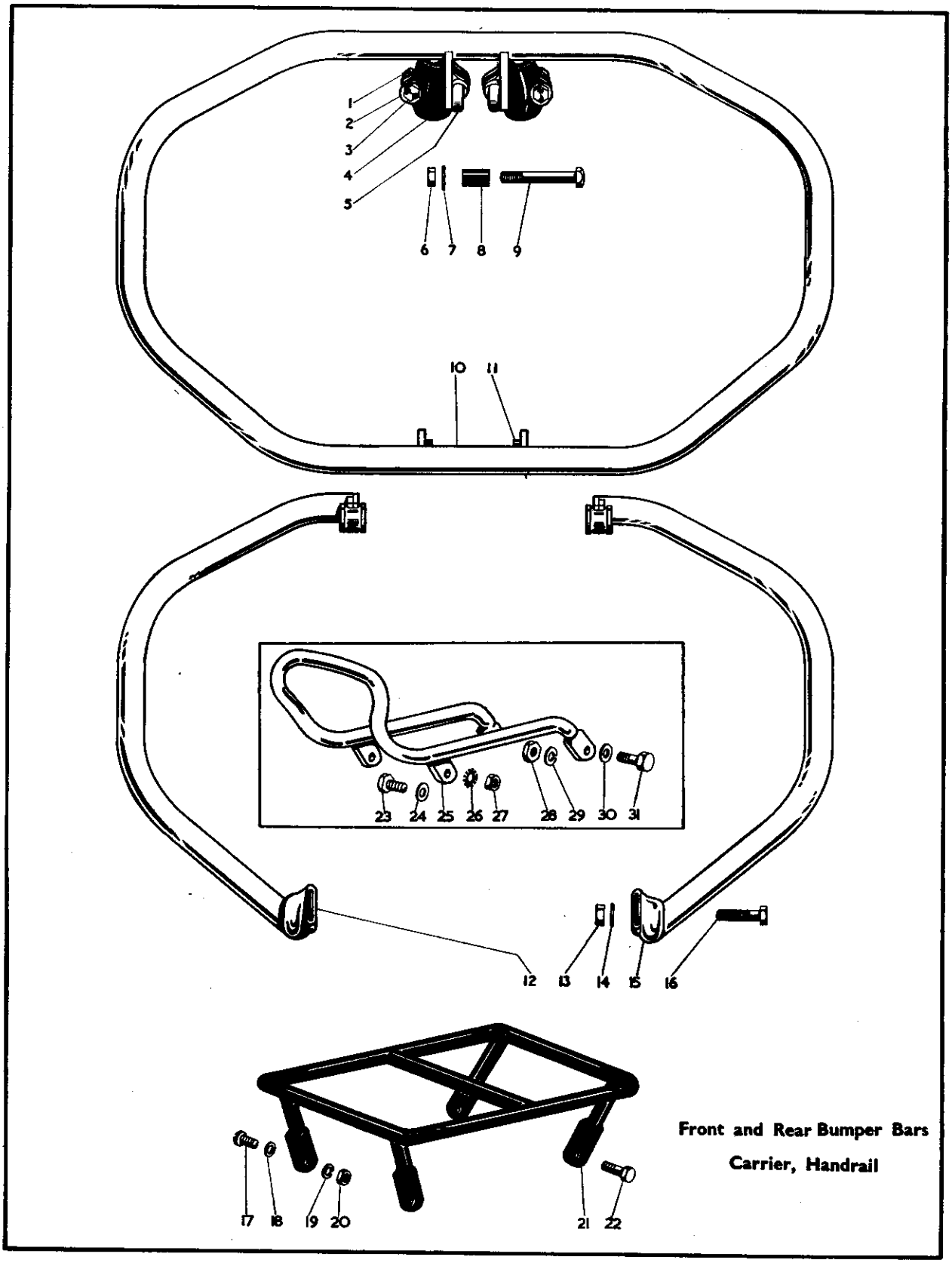
ALWAYS BUY

GENUINE B.S.A. SPARES

Plate 31

BUMPER BARS, CARRIER, HANDRAIL

B31 B33 Swinging Arm Frame



Front and Rear Bumper Bars

Carrier, Handrail

Plate 31 BUMPER BARS, CARRIER and HANDRAIL

B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	42–4899	Front bumper bar assembled complete with fittings	1
1	B31 B33	2–46	Front bumper bar split clamp bolt nut	2
2	B31 B33	2–2903	Front bumper bar split clamp bolt washer	2
3	B31 B33	2–803	Front bumper bar split clamp bolt	2
4	B31 B33	42–4906	Front bumper bar split clamp	2
5	B31 B33	42–4904	Front bumper bar eye bolt	2
—	B31 B33	2–522	Front bumper bar eye bolt washer (spring)	2
—	B31 B33	2–46	Front bumper bar eye bolt nut	2
6	B31 B33	2–46	Front bumper bar fixing bolt nut (top)	1
7	B31 B33	2–522	Front bumper bar fixing bolt washer (spring) (top)	1
8	B31 B33	42–4905	Front bumper bar eye bolt spacing tube	1
9	B31 B33	65–4185	Front bumper bar fixing bolt (top)	1
10	B31 B33	42–4900	Front bumper bar complete	1
11	B31 B33	42–4907	Front bumper bar engine plate distance collar	2
12	B31 B33	42–4910	Rear bumper bar complete (offside)	1
13	B31 B33	2–499	Rear bumper bar fixing bolt nut (nearside) (bottom) (when pillion footrests not fitted)	1
14	B31 B33	2–522	Rear bumper bar fixing bolt spring washer (nearside) (bottom) (when pillion footrests not fitted)	1
15	B31 B33	42–4914	Rear bumper bar complete (nearside)	1
16	B31 B33	2–803	Rear bumper bar fixing bolt (nearside) (bottom) (when pillion footrests not fitted)	1
17	B31 B33	15–7161	Carrier fixing screw (rear)	2
18	B31 B33	2–525	Carrier fixing screw washer (plain) (rear)	2
19	B31 B33	2–1462	Carrier fixing screw washer (spring) (rear)	2
20	B31 B33	2–2395	Carrier fixing screw nut (rear)	2
21	B31 B33	42–6920	Carrier complete	1
22	B31 B33	27–6037	Carrier fixing screw (front)	2
23	B31 B33	24–6770	Handrail mudguard bolt	2
24	B31 B33	2–923	Handrail mudguard bolt washer (plain)	2
25	B31 B33	42–9075	Dual seat handrail complete	1
26	B31 B33	36–382	Handrail mudguard bolt washer (shakeproof)	2
27	B31 B33	2–49	Handrail mudguard bolt nut	2
28	B31 B33	2–49	Handrail mudguard stay bolt nut	2
29	B31 B33	24–8784	Handrail mudguard stay bolt washer (spring)	2
30	B31 B33	2–923	Handrail mudguard stay bolt washer	2
31	B31 B33	27–6037	Handrail mudguard stay bolt	2

Plate 32 FRONT BUMPER BARS

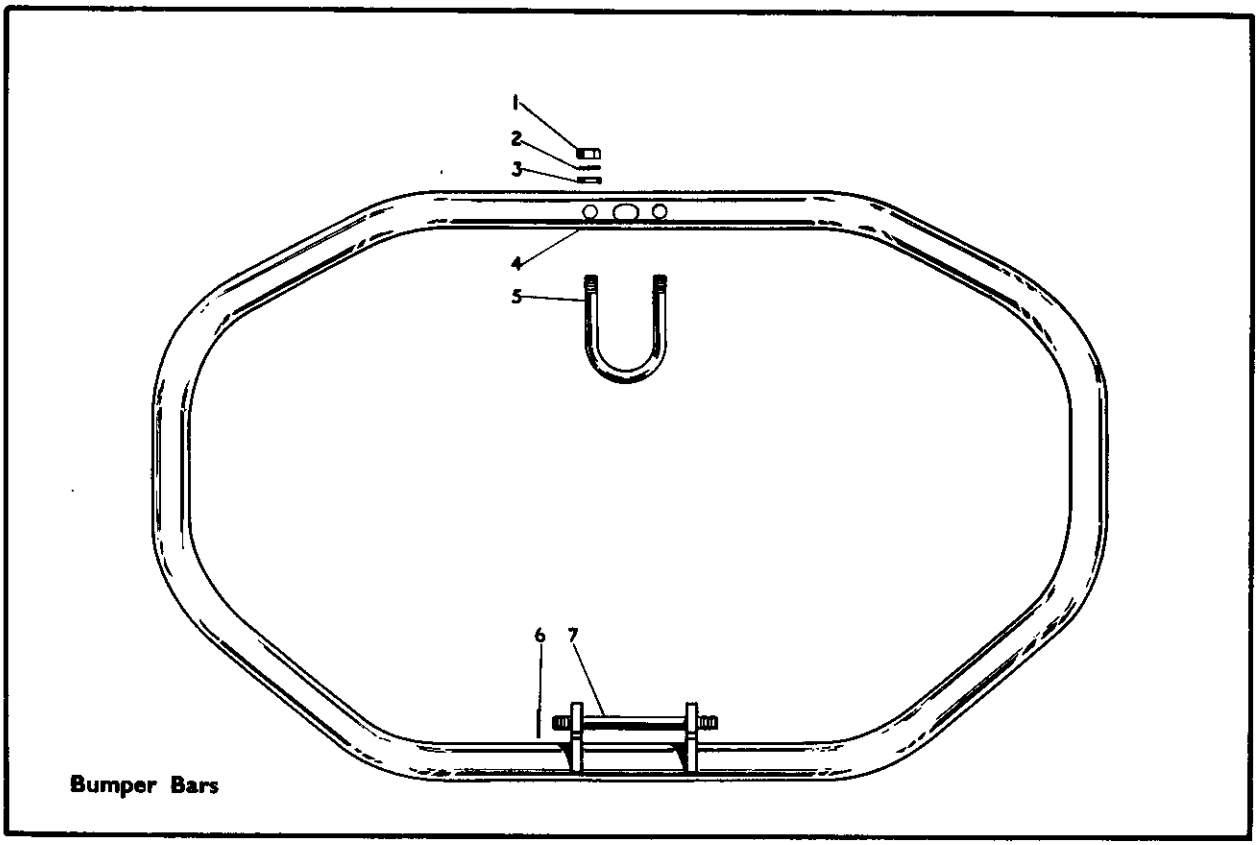
B31 B33 Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31 B33	2–49	Front bumper bar "U" bolt nut	2
2	B31 B33	36–382	Front bumper bar "U" bolt washer (shakeproof)	2
3	B31 B33	65–4798	Front bumper bar "U" bolt saddle washer	2
4	B31 B33	65–4795	Front bumper bar complete	1
5	B31 B33	65–4797	Front bumper bar "U" bolt	1
6	B31 B33	2–861	Front bumper bar stud washer (plain)	2
7	B31 B33	66–4163	Down tube, exhaust pipe, and bumper bar stud	1

Plate 32

FRONT BUMPER BARS

B31 B33 Spring Frame



Bumper Bars

EVERY OWNER OF A

BSA

MOTOR CYCLE

IS STRONGLY ADVISED TO BUY ONLY

GENUINE B.S.A. SPARES

Plate 33

LEGSHIELDS

B31 B33 Rigid and Spring

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	66–7366	Legshields assembled complete	1
1	B31 B33	15–7161	Legshield clip support screw	8
—	B31 B33	27–8560	Legshield clip support screw washer (plain)	8
—	B31 B33	2–2395	Legshield clip support screw nut	8
2	B31 B33	2–46	Legshield bottom support plate stud nut	2
3	B31 B33	66–7373	Legshield bottom support plate	2
4	B31 B33	3–720	Engine plate and crankcase stud locknut	1
5	B31 B33	66–7372	Engine plate and crankcase stud	1
6	B31 B33	2–522	Engine plate and crankcase stud washer (spring) (existing)	2
7	B31 B33	2–46	Engine plate and crankcase stud nut (existing)	2
8	B31 B33	2–2903	Legshield bottom support plate stud washer (spring)	2
9	B31 B33	66–7370	Legshield support tube (bottom)	2
10	B31 B33	29–6110	Legshield bottom support plate bolt	2
11	B31 B33	2–2903	Legshield bottom support plate bolt washer (spring)	2
12	B31 B33	66–7367	Legshield only	2
13	B31 B33	65–7286	Legshield support frame clip (right-hand)	1
14	B31 B33	65–7287	Legshield support frame clip (left-hand)	1
15	B31 B33	66–7353	Legshield support tube clip	8
16	B31 B33	66–7368	Legshield top support tube	1
17	B31 B33	27–7979	Legshield support tube sleeve nut	2

Plate 34

LEGSHIELDS

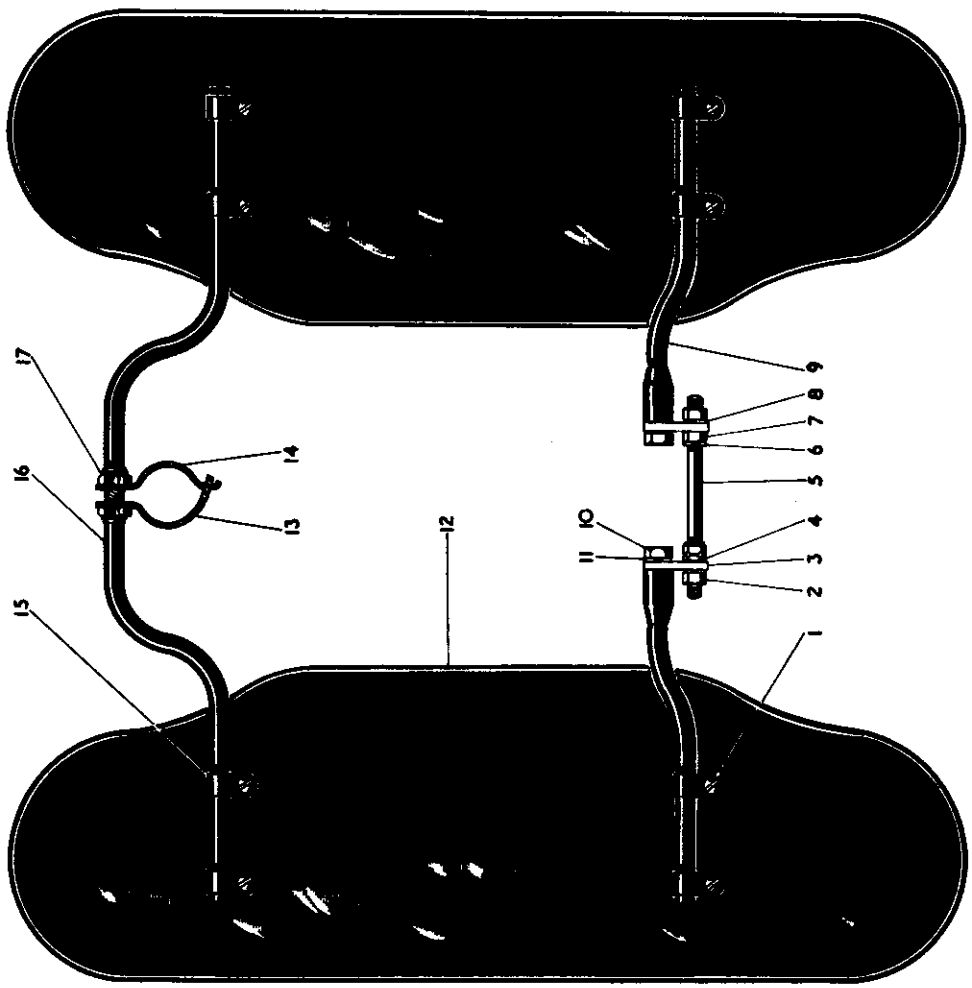
B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	42–7219	Legshields assembled complete	1
1	B31 B33	42–7216	Legshield support tube complete (bottom)	2
2	B31 B33	15–7161	Legshield support tube clip screw	8
—	B31 B33	27–8560	Legshield support tube clip washer (plain)	8
—	B31 B33	2–2395	Legshield support tube clip nut	8
3	B31 B33	42–7207	Legshield (nearside)	1
4	B31 B33	67–7205	Legshield top cross tube adaptor	2
5	B31 B33	42–4906	Legshield front down tube split clamp	2
6	B31 B33	2–803	Legshield front down tube bolt	2
7	B31 B33	42–7210	Legshield top spacing sleeve	1
8	B31 B33	42–7211	Legshield top cross tube adaptor stud	1
9	B31 B33	42–7212	Legshield front down tube clamp eye bolt	2
10	B31 B33	42–7208	Legshield support tube complete (top)	2
11	B31 B33	2–522	Legshield front down tube bolt washer (spring)	4
12	B31 B33	2–46	Legshield front down tube bolt nut	4
13	B31 B33	2–2138	Legshield front down tube bolt washer (plain)	4
14	B31 B33	42–7206	Legshield (offside)	1
15	B31 B33	66–7353	Legshield support tube clip	8
16	B31 B33	27–5684	Crankcase and engine plate stud (existing)	1

Plate 33

LEGSHIELDS

B31 B33 Rigid and Spring



Legshields

Plate 34

LEGSHIELDS

B31 B33 Swinging Arm Frame

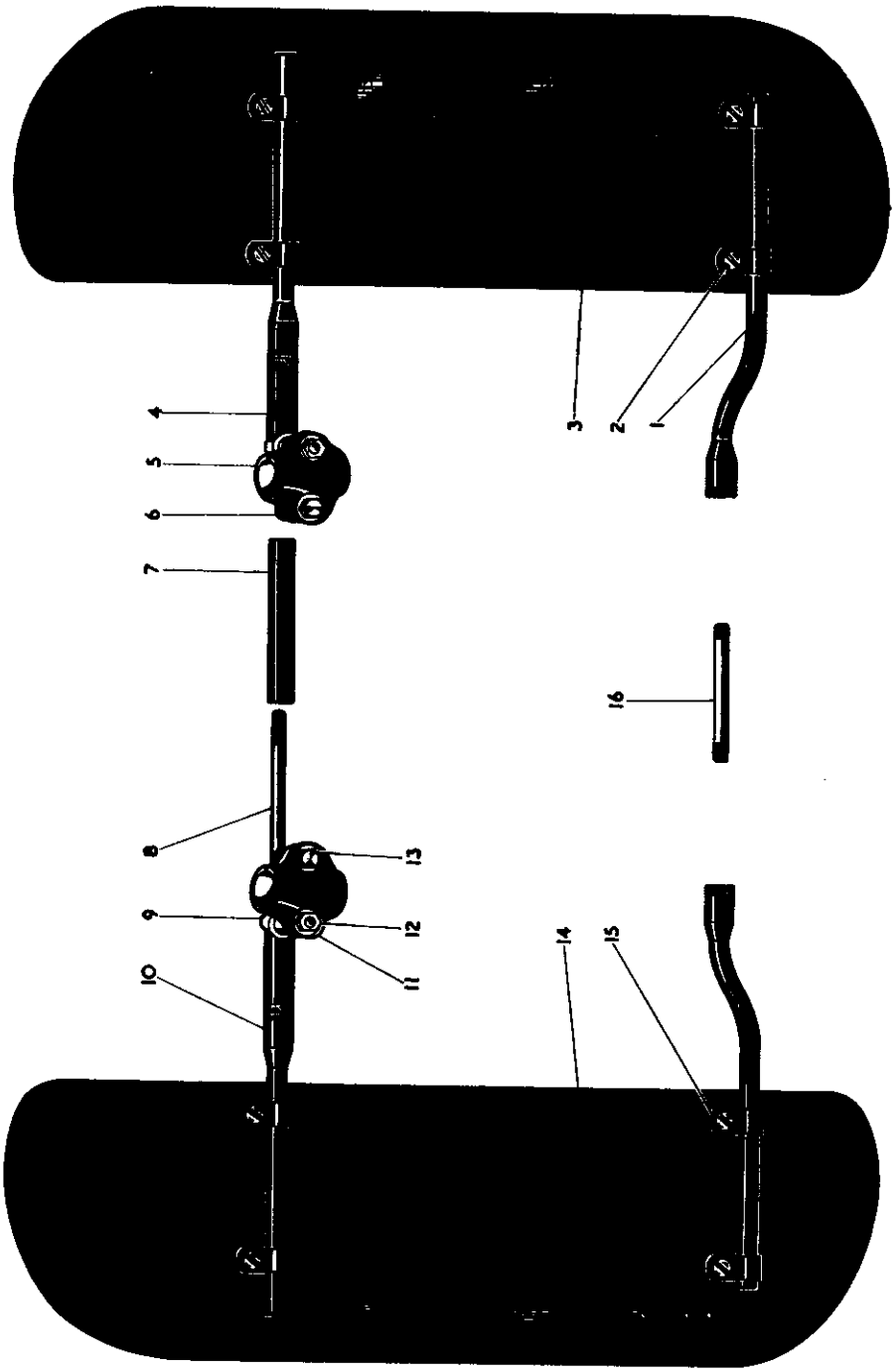


Plate 35

TOOLS & SUNDRIES

B Group

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B Group	28–4265	Grease gun	1
2	B Group	65–9130	Tappet feelers (set)	1
3	B Group	15–832	Box spanner	1
4	B Group	29–9255	Front hub spanner	1
5	B Group	65–9132	Tappet spanner	1
6	B Group	29–9251	Magdyno spanner	1
7	B Group	65–9133	Tappet adjusting spanner	1
8	B Group (swinging arm)	42–9080	Damper unit adjusting spanner	1
9	B Group (swinging arm) (competition rigid models)	42–9031	Petrol tank fixing bolt spanner	1
10	B Group	65–9205	Toolbag	1
11	B31 B33 (rigid and spring)	65–9170	Pillion seat	1
12	B31 B33 (rigid and spring)	2–2395	Pillion seat bolt	1
13	B31 B33 (rigid and spring)	2–1462	Pillion seat bolt washer (spring)	4
14	B31 B33 (rigid and spring)	15–7161	Pillion seat bolt nut	4
15	B Group	65–9115	Box spanner (small)	4
16	B Group	42–9026	Inflator	1
17	B Group	29–9254	Combination spanner	1
18	B31 (rigid and spring)	65–9266	Front brake cover nut spanner	1
19	B Group	29–9253	Tommy bar	1
20	B Group	65–9246	Combined spanner	1
21	B Group	66–9132	Sparking plug spanner	1
22	B Group	29–9252	Tyre lever	1
23	B Group	65–9243	Front fork top nut and gland spanner	1
24	B Group	65–9240	Valve grinding tool	1
25	B Group	1–3051	B.S.A. double ended spanner	1
—	B31 B33 (rigid)	65–9204	Toolbag complete with tools	1
—	B31 B33 (spring) B32 B34 (competition)	65–9277	Toolbag complete with tools	1
—	B Group (swinging arm)	42–9090	Toolbag complete with tools	1

Plate 36

ELECTRICAL EQUIPMENT

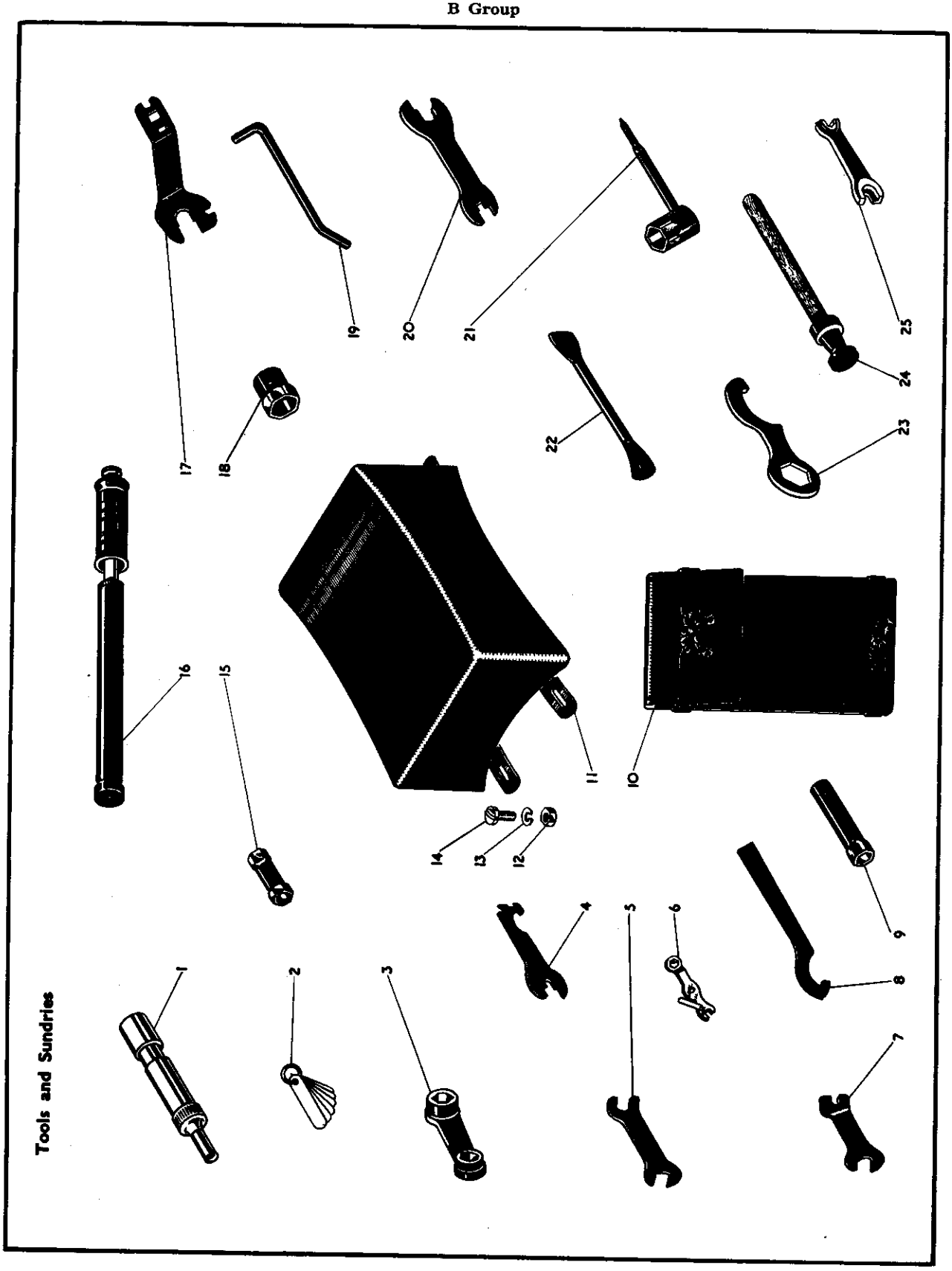
B Group

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31 B33 (rigid and spring)	2–1588	Stop lamp switch clip screw nut	1
2	B31 B33 (rigid and spring)	29–3319	Stop lamp switch clip screw washer (shakeproof)	1
3	B31 B33 (rigid and spring)	65–9228	Stop lamp switch clip	1
4	B31 B33 (rigid and spring)	65–5912	Stop lamp switch clip screw	1
5	B31 B33 (rigid and spring)	65–9231	Stop lamp operating spring	1
6	B31 B33 (rigid and spring)	19–1106	Stop lamp switch	1
7	B31 B33 (rigid and spring)	29–9342	Stop lamp switch plate	1
8	B31 B33 (rigid and spring)	2–1309	Stop and tail lamp switch screw	1
9	B31 B33 (rigid and spring)	29–3319	Stop and tail lamp switch screw washer	2
10	B31 B33 (rigid and spring)	2–47	Stop and tail lamp switch screw nut	2
11	B31 B33 (rigid and spring)	3–1399	Switch plate bolt (when pillion footrests are not fitted)	2
12	B31 B33 (rigid and spring)	2–861	Switch plate bolt washer (plain) (when pillion footrests are not fitted)	1
13	B31 B33 (rigid and spring)	2–449	Switch plate bolt nut (when pillion footrests are not fitted)	1
14	B31 B33 (rigid and spring)	19–1011	Stop and tail lamp	1
14	B31 B33 (rigid and spring) B31 B33 (swinging arm)	19–1100	Stop and tail lamp (1954)	1
15	B31 B33 (rigid and spring)	2–14	Voltage control support bolt (mudguard fixing)	2
16	B31 B33 (rigid and spring)	2–1374	Voltage control support bolt washer (plain) (mudguard fixing)	2
17	B31 B33 (rigid and spring)	24–8784	Voltage control support bolt washer (spring) (mudguard fixing)	2
18	B31 B33 (rigid and spring)	2–2395	Voltage control support bolt nut (mudguard fixing)	2

Plate 35

TOOLS and SUNDRIES

B Group



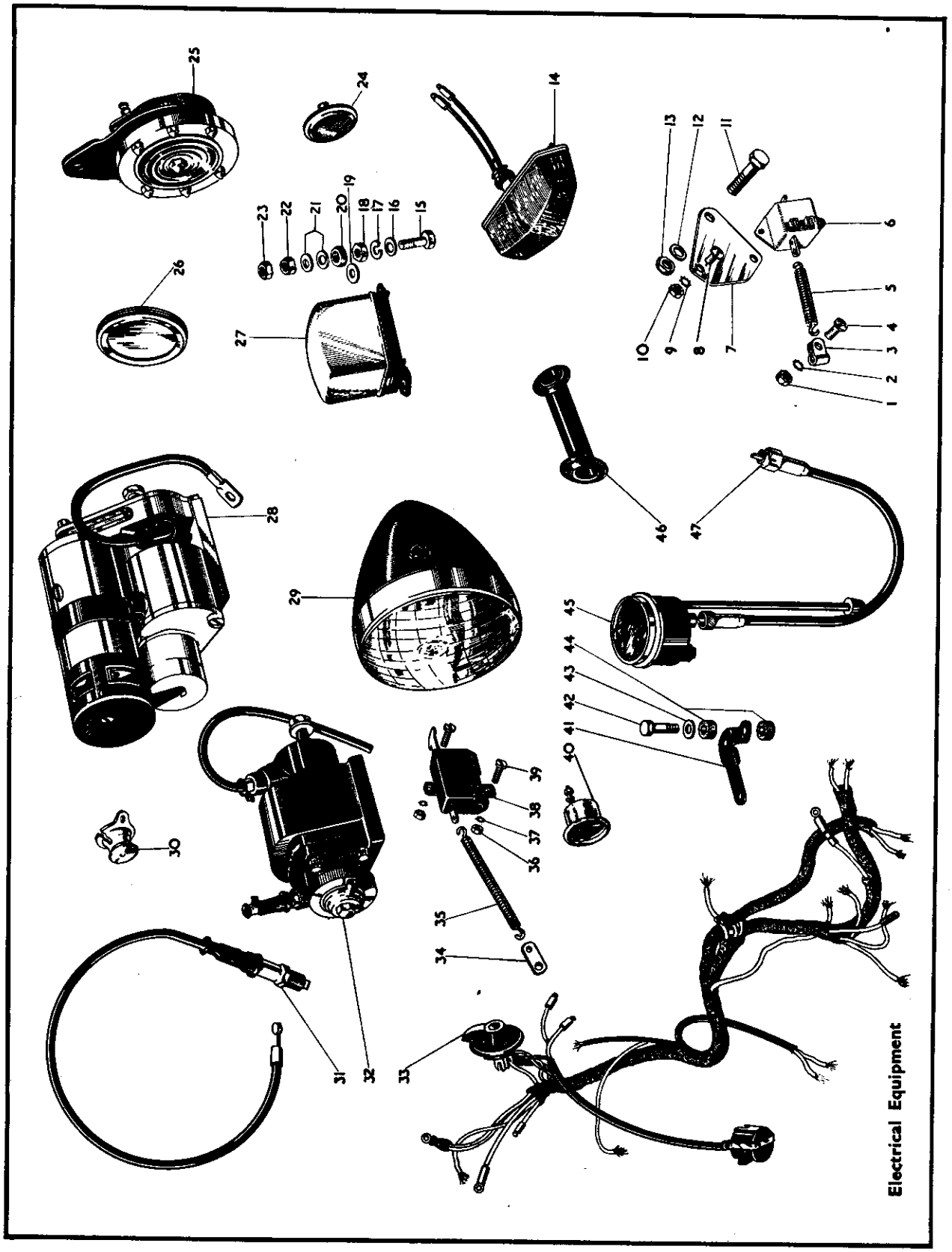
B Group

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
19	B31 B33 (rigid and spring)	27–8560	Voltage control support bolt washer (plain) (mudguard fixing)	2
20	B31 B33 (rigid and spring)	15–7383	Voltage control support bolt washer (rubber) (mudguard fixing)	2
21	B31 B33 (rigid and spring)	27–8560	Voltage control support bolt washer (plain) (mudguard fixing)	4
22	B31 B33 (rigid and spring)	2–2395	Voltage control support bolt nut (mudguard fixing)	2
23	B Group (swinging arm)	2–1354	Voltage control support bolt (toolbox fixing)	2
23	B Group (swinging arm)	25–7180	Voltage control support bolt washer (toolbox fixing)	2
23	B Group (swinging arm)	2–2395	Voltage control support bolt nut (toolbox fixing)	2
24	B Group	67–9069	Rear reflector (1955)	1
24	B Group	67–9067	Rear reflector (1954)	1
25	B31 B33 (rigid)	19–2022	Electric horn (1954)	1
25	B31 B33 (spring) B Group (swinging arm)	42–9046	Electric horn (1955)	1
26	B Group	29–9221	Licence holder	1
27	B Group	19–1515	Voltage control	1
28	B Group	19–1201	Magdyno (1954)	1
28	B Group	19–1212	Magdyno (1955)	1
29	B Group	19–511	Headlamp (underslung pilot light) (1954)	1
29	B Group	19–526	Headlamp (pilot light in reflector) (1955)	1
30	B Group	19–2012	Horn push	1
31	B32 B34 (competition)	65–9267	Speedometer cable	1
32	B32 B34 (competition)	19–1204	Racing magneto	1
33	B31 B33 (rigid and spring)	19–660	Cable harness and dipper switch	1
33	B Group (swinging arm)	19–690	Cable harness and dipper switch	1
34	B Group (swinging arm)	42–9027	Stop lamp switch operating link	1
35	B Group (swinging arm)	65–9235	Stop lamp switch operating spring	1
36	B Group (swinging arm)	2–47	Stop lamp switch screw nut	2
37	B Group (swinging arm)	29–3319	Stop lamp switch screw washer (shakeproof)	2
38	B Group (swinging arm)	19–1114	Stop lamp switch	1
39	B Group (swinging arm)	2–1309	Stop lamp switch screw	2
40	B31 B33 (rigid and spring) B Group (swinging arm)	19–649	Ammeter	1
41	B32 B34 (competition)	65–9111	Speedometer bracket	1
42	B32 B34 (competition)	65–9179	Speedometer bracket bolt	2
43	B32 B34 (competition)	27–8560	Speedometer bracket bolt washer	2
44	B32 B34 (competition)	15–7383	Speedometer mounting bracket rubber	4
45	B31 (rigid and spring)	19–2103	Speedometer (80 m.p.h.) (1954)	1
45	B31 (rigid and spring)	19–2117	Speedometer (140 k.p.h.) (1954)	1
45	B31 (rigid and spring)	19–2109	Speedometer (120 m.p.h.) (1955)	1
45	B31 (rigid and spring)	19–2121	Speedometer (180 k.p.h.) (1955)	1
45	B31 (swinging arm)	19–2108	Speedometer (80 m.p.h.) (1954)	1
45	B31 (swinging arm)	19–2111	Speedometer (120 m.p.h.) (1955)	1
45	B31 (swinging arm)	19–2118	Speedometer (140 k.p.h.) (1954)	1
45	B31 (swinging arm)	19–2122	Speedometer (180 k.p.h.) (1955)	1
45	B32 (swinging arm)	19–2108	Speedometer (80 m.p.h.)	1
45	B32 (swinging arm)	19–2118	Speedometer (140 k.p.h.)	1
45	B33 (swinging arm)	19–2111	Speedometer (120 m.p.h.)	1
45	B34 (swinging arm)	19–2122	Speedometer (180 k.p.h.)	1
45	B32 B34 (competition rigid)	19–2106	Speedometer (120 m.p.h.)	1
45	B32 B34 (competition rigid)	19–2120	Speedometer (180 m.p.h.)	1
46	B31 B33 (rigid and spring) B Group (swinging arm)	19–2126	Speedometer cable rubber grommet	1
47	B31 B33 (rigid and spring)	29–9326	Speedometer cable	1
47	B Group (swinging arm)	67–9057	Speedometer cable	1
—	B31 B33 (rigid and spring) B Group (swinging arm)	19–1552	Battery	1

Plate 36

ELECTRICAL EQUIPMENT

B Group



ENGINE AND FRAME NUMBERS 1954

Model	Engine No.		Rigid Frame No.		Spring Frame No.	
B31 350 c.c. O.H.V.	BB31–6001	upwards	BB31–1386	upwards	BB31S–5895	upwards
B33 500 c.c. O.H.V.	BB33–2001	upwards	BB31–1386	upwards	BB31S–5895	upwards
B32 350 c.c. O.H.V. (Comp.)	BB32A–201	upwards	BB32R–121	upwards		
B34 500 c.c. O.H.V. (Comp.)	BB34A–201	upwards	BB32R–121	upwards		

SWINGING ARM FRAME 1954

Model	Engine No.		Swinging Arm Frame No.	
B31 350 c.c. O.H.V.	BB31–6001	upwards	CB31–101	upwards
B33 500 c.c. O.H.V.	BB33–2001	upwards	CB31–101	upwards
B32 350 c.c. O.H.V. (Comp.)	BB32A–201	upwards	CB31–101	upwards
B34 500 c.c. O.H.V. (Comp.)	BB34A–201	upwards	CB31–101	upwards

ENGINE AND FRAME MARKINGS 1955
PLUNGER AND COMPETITION RIGID FRAMES

Model	Engine No.		Frame No.	
B31 (Plunger)	BB31–15001	upwards	BB31S–12001	upwards
B33 (Plunger)	BB33–5001	upwards	BB31S–12001	upwards
B32 (Rigid Comp.)	BB32A–251	upwards	BB32A–201	upwards
B34 (Rigid Comp.)	BB34A–301	upwards	BB32A–201	upwards

ENGINE AND FRAME MARKINGS 1955
SWINGING ARM FRAME

Model	Engine No.		Frame No.	
B31 (Swinging Arm)	BB31–15001	upwards	CB31–6001	upwards
B33 (Swinging Arm)	BB33–15001	upwards	CB31–6001	upwards

CARBURETTERS 1954

MESSRS. AMALGAMATED CARBURETTERS LTD., PERRY BARR, BIRMINGHAM.

Model	Part No.	Type	Choke Size (inches)	Main Jet Number	Throttle Valve Number	Needle Position	Needle Jet	Engine End Size (inches)
B31	19–2324	276GC/1AT	1	150	6/4	3	.1065	1 1/16
B32	19–2324	276GC/1AT	1	150	6/4	3	.1065	1 1/16
B33	19–2325	289W/1AT	1 1/8	200*	29/4	3	.1065	1 1/8
B34	19–2325	289W/1AT	1 1/8	200*	29/4	3	.1065	1 1/8

*No. 170 Jet when Air Cleaner is fitted.

CARBURETTERS 1955

Model	Part No.	Type	Choke Size (inches)	Main Jet Number	Throttle Valve Number	Needle Position	Needle Jet	Engine End Size (inches)
B31 Plunger Frame	19–2324	276GC/1AT	1	150	6/4	3	.1065	1 1/16
B33 Plunger Frame	19–2325	289W/1AT	1 1/8	*200	29/4	3	.1065	1 1/8
B32 Competition	19–2324	276GC/1AT	1	150	6/4	3	.1065	1 1/16
B34 Competition	19–2325	289W/1AT	1 1/8	*200	29/4	3	.1065	1 1/8
B31 Swinging Arm	65–900	376/2	1	260	376/3 1/2	2	.1065	1
B33 Swinging Arm	65–904	389/3	1 1/16	260	376/3 1/2	3	.1065	1 1/16

*No. 170 Jet when Air Cleaner is fitted.

PISTONS 1954

Model	Comp. Ratio	Pistons Complete			Compression Ring			Scraper Ring		
		Standard	1/2 mm. O.S.	1 mm. O.S.	Standard	1/2 mm. O.S.	1 mm. O.S.	Standard	1/2 mm. O.S.	1 mm. O.S.
B31	6.5 to 1	65–809	65–811	65–813	65–744 (2)	65–745 (2)	65–746 (2)	65–735	65–736	65–737
B32	6.5 to 1	65–1679	65–1764	65–1765	65–744 (2)	65–745 (2)	65–746 (2)	65–735	65–736	65–737
B33	6.5 to 1	65–1692	65–1694	65–1696	65–1250(2)	65–1251(2)	65–1252(2)	65–1253	65–1254	65–1255
B33	7.5 to 1	65–1660	65–1662	65–1664	65–1250(2)	65–1251(2)	65–1252(2)	65–1253	65–1254	65–1255
B34	6.8 to 1	65–1244	65–1260	65–1262	65–1250(2)	65–1251(2)	65–1252(2)	65–1253	65–1254	65–1255
B34	7.5 to 1	65–1264	65–1266	65–1268	65–1250(2)	65–1251(2)	65–1252(2)	65–1253	65–1254	65–1255

PISTONS 1955

Model	Comp. Ratio	Pistons Complete			Compression Ring			Scraper Ring		
		Standard	1/2 mm. O.S.	1 mm. O.S.	Standard	1/2 mm. O.S.	1 mm. O.S.	Standard	1/2 mm. O.S.	1 mm. O.S.
B31	6.5	65–809	65–811	65–813	65–744 (2)	65–745 (2)	65–746 (2)	65–735	65–736	65–737
B31	7.5	65–754	65–755	65–756	65–744 (2)	65–745 (2)	65–746 (2)	65–490	65–491	65–492
B33	6.5	65–1692	65–1694	65–1696	65–1250(2)	65–1251(2)	65–1252(2)	65–1253	65–1254	65–1255
B33	7.5	65–1660	65–1662	65–1664	65–1250(2)	65–1251(2)	65–1252(2)	65–1253	65–1254	65–1255
B32	6.5	65–1679	65–1764	65–1765	65–744 (2)	65–745 (2)	65–746 (2)	65–735	65–736	65–737
B34	6.8	65–1244	65–1260	65–1262	65–1250(2)	65–1251(2)	65–1252(2)	65–1253	65–1254	65–1255
B34	7.5	65–1264	65–1266	65–1268	65–1250(2)	65–1251(2)	65–1252(2)	65–1253	65–1254	65–1255

STANDARD BOLTS. All Bolts are C.E.I. unless otherwise stated

Part No.	Length under Head.	Thickness of Head.	Length of Thread.	Across Flats.	Diameter.
2–14	1 1/32″	3/16″	13/16″	.440″ Hex.	1/4″
2–204	1/2″	3/16″	1/2″	.440″ Hex.	1/4″
2–220	3/8″	3/16″	3/8″	.440″ Hex.	1/4″
2–1354	.641″	.187″	.641″	.440″ Hex.	1/4″
2–1402	7/8″	1/8″	3/8″	.440″ Hex.	1/4″
2–2273	7/16″	5/32″	3/8″	.440″ Hex.	1/4″
24–225	.750″	.187″	3/8″	.440″ Hex.	1/4″
1–5069	.625″	.187″	3/8″	.440″ Hex.	1/4″
2–129	.750″	.250″	.625″	.525″ Hex.	5/16″
2–1934	.750″	.156″	.625″	.440″ Hex.	5/16″
2–6026	1.187″	.156″	.625″	.440″ Hex.	5/16″
15–480	1.109″	.250″	.625″	.440″ Hex.	5/16″
15–1355	1.500″	.218″	.781″	.525″ Hex.	5/16″
15–7354	.625″	.156″	.625″	.525″ Hex.	5/16″
27–6311	.750″	.125″	.625″	.440″ Hex.	5/16″
28–2338	.718″	.218″	.625″	.440″ Hex.	5/16″
24–649	.877″	.187″	.687″	.525″ Hex.	5/16″
65–4185	2.687″	.250″	.877″	.594″ Hex.	3/8″
			.750″	.504″ Hex.	3/8″

All Bolts are C.E.I. (Screwdriver slotted) unless otherwise stated

Part No.	Length under Head.	Thickness of Head.	Length of Thread.	Across Head.	Diameter.
1–4606	.500″	.125″	.500″	.312″	3/16″
2–360	.406″	.078″	.406″	.312″	3/16″
2–498	.312″	.062″	.312″	.312″	3/16″ Whit.
2–1309	.343″	.062″	.343″	.312″	3/16″
2–2582	.343″	.125″	.343″	.250″	3/16″ Whit.
24–7065	.250″	.062″	.250″	.312″	3/16″
2–77	.312″	.062″	.312″	.375″	1/4″
2–79	.500″	.109″	.500″	.375″	1/4″
2–510	.656″	.093″	.375″	.375″	1/4″
2–1500	.687″	.109″	.375″	.375″	1/4″
2–2210	.718″	.062″	.562″	.375″	1/4″
2–2378	.656″	.109″	.656″	.562″	1/4″
15–7161	.500″	.125″	.312″	.375″	1/4″
2–2980	1.25″	.93″	.625″	.500″	1/4″
				.562″	5/16″

STANDARD NUTS. All Nuts are C.E.I. unless otherwise stated

Part No.	Across Flats.	Thickness.	Size.
1–4616	.340″ Hex.	.162″	3/16″
2–47	.312″ Hex.	.140″	3/16″
2–1588	.255″ Hex.	.110″	3/16″
15–8147	.340″ Hex.	.125″	3/16″
25–7151	.340″ Hex.	.187″	3/16″
1–6032	.340″ Hex.	3/16″	1/4″
2–51	.440″ Hex.	.250″	1/4″
2–53	.440″ Hex.	.109″	1/4″ Whit.
2 443	.440″ Hex.	.109″	1/4″
2–1027	.340″ Hex.	1/8″	1/4″
2–2395	.440″ Hex.	.187″	1/4″
2–49	.525″ Hex.	.218″	5/16″
2–833	.440″ Hex.	.343″	5/16″
2–1616	.440″ Hex.	.125″	5/16″
15–5196	.525″ Hex.	.281″	5/16″
15–6524	.525″ Hex.	.175″	5/16″
24–563	.440″ Hex.	.187″	5/16″
24–6040	.525″ Hex.	.156″	5/16″
1–1706	.594″ Hex.	.250″	3/8″
2–46	.594″ Hex.	.312″	3/8″
2–1813	.594″ Hex.	.218″	3/8″
3–720	.594″ Hex.	.187″	3/8″
24–5161	.594″ Hex.	.343″	3/8″
24–5764	.782″ Hex.	.312″	3/8″
2–440	.594″ Hex.	.312″	7/16″
2–933	.525″ Hex.	.375″	7/16″
2–1925	.782″ Hex.	.375″	7/16″
15–152	.592″ Hex.	.406″	7/16″
15–541	.782″ Hex.	.281″	7/16″
24–5860	.594″ Hex.	.187″	7/16″
25–4325	.919″ Hex.	.540″	7/16″
2–52	.919″ Hex.	.406″	1/2″
2–124	.782″ Hex.	.203″	1/2″
24–7000	.782″ Hex.	.250″	1/2″
27–6716	.782″ Hex.	.187″	1/2″
2–835	.919″ Hex.	.375″	9/16″
15–1455	.782″ Hex.	.218″	9/16″
24–4255	.919″ Hex.	.187″	9/16″
28–53	.782″ Hex	.344″	9/16″

STANDARD WASHERS (Plain)

Part No.	Outside Dia.	Inside Dia.	Thickness.
1–1804	.680″	.385″	.072″
2–130	.687″	.380″	.080″
2–370	.625″	.317″	.156″
2–525	.500″	.255″	.048″
2–861	.750″	.380″	.081″
2–923	.625″	.317″	.062″
2–1096	.375″	.192″	.044″
2–1291	.750″	.522″	.080″
2–1374	.656″	.255″	.080″
2–1945	.875″	.442″	.064″
2–2138	.380″	.750″	.064″
2–2580	.500″	.275″	.064″
3–3525	.562″	.218″	.048″
15–39	.843″	.505″	.064″
15–431	.750″	.442″	.064″
15–5155	.525″	.328″	.048″
24–594	.937″	.505″	.092″
24–7911	.875″	.380″	.156″
25–7180	1.00″	.281″	.048″
26–9461	.562″	.203″	.048″
27–5676	1.00″	.380″	.092″
27–8560	.625″	.255″	.048″

STANDARD WASHERS (Spring)

Part No.	Outer Dia.	Inside Dia.	Thickness.
2–522	.750″	.390″	.056″
2–995	.656″	.380″	.040″ double
2–1462	.593″	.255″	.040″
2–1967	.875″	.440″	.064″
2–2903	.562″	.406″	.062″
3–110	.441″	.281″	.080″
3–111	.614″	.406″	.104″
15–716	.937″	.453″	.064″
24–978	.437″	.255″	.040″
24–6035	.593″	.317″	.040″ double
27–6043	.750″	.437″	.046″ double
24–8784	.625″	.315″	.040″
35–33	.500″	.343″	.080″

STANDARD WASHERS (Shakeproof)

Part No.	Outer Diameter.	Inside Diameter.
29–541	1/2″	1/4″
29–3319	3/8″	3/16″
36–341	9/16″	5/16″
36–382	9/16″	5/16″
36–399	11/16″	3/8″
65–595	7/8″	1/2″
66–4707	11/16″	3/8″
66–4708	3/4″	7/16″

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19–2118	98	45	36
19–2120	98	45	36
19–2121	98	45	36
19–2122	98	45	36
19–2126	98	46	36
21–431	62	5	22
21–2888	22	44	5
21–2902	15	99	2
21–2902	19	21	4
21–5102	12	89	1
21–5102	18	87	3
21–5102	68	—	24
21–5102	74	66A	26
21–5102	80	81	24
21–5102	87	—	30
21–5304	60	44	21
21–6187	12	91	1
21–6187	18	86	3
24–68	24	119	5
24–195	15	92	2
24–195	19	26	4
24–375	12	85	1
24–375	18	83	3
24–563	24	72	5
24–722	15	61	2
24–722	19	64	4
24–724	13	56	2
24–724	21	98	4
24–868	27	41	6
24–949	13	32	2
24–949	21	72	4
24–978	15	75	2
24–978	19	35	4
24–1792	12	81	1
24–2113	13	57	2
24–2113	21	113	4
24–4065	24	114	5
24–4065	25	3	6
24–4217	24	89	5
24–4217	25	14	6
24–4221	24	93	5
24–4223	24	92	5
24–4225	24	115	5
24–4226	24	79	5
24–4227	10	5	1
24–4227	18	71	3
24–4231	24	103	5
24–4232	31	29	7
24–4235	24	102	5
24–4236	24	88	5
24–4237	22	47	5
24–4245	24	129	5
24–4247	24	130	5
24–4248	24	128	5
24–4251	24	118	5
24–4255	22	65	5
24–4256	22	56	5
24–4258	22	61	5

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24–4263	27	55	6	
24–4278	22	66	5	
24–4282	22	57	5	
24–4288	25	140	5	
24–4393	24	96	5	
24–4393	24	106	5	
24–5160	47	31	14	
24–5160	49	33	15	
24–5160	51	31	16	
24–5205	12	63	1	
24–5247	49	43	15	
24–5860	40	6	11	
24–5860	45	8	13	
24–5860	53	28	17	
24–5860	57	47	19	
24–5860	58	3	20	
24–5914	36	3	9	
24–5914	42	85	11	
24–5914	45	40	13	
24–6035	47	35	14	
24–6035	49	36	15	
24–6035	51	21	16	
24–6040	36	54	9	
24–6040	44	78	12	
24–6770	44	55	12	
24–6770	64	30	23	
24–6770	88	68	30	
24–6770	89	101	30	
24–6770	91	23	31	
24–7000	27	52	6	
24–7000	62	48	22	
24–7012	57	23	19	
24–7047	57	29	19	
24–7047	57	37	19	
24–7058	57	31	19	
24–7058	57	34	19	
24–7148	80	109	28	
24–7178	29	112	6	
24–7178	74	2	26	
24–7178	79	11	28	
24–7343	64	54	23	
24–7343	66	3	24	
24–7343	76	113	26	
24–7343	80	121	28	
24–7343	88	94	30	
24–8045	53	27	17	
24–8045	57	46	19	
24–8045	58	2	20	
24–8328	79	59	28	
24–8504	27	52A	6	
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24–8504	84	74	29	
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24–8784	12	72	1	
24–8784	16	14	3	
24–8784	16	53	3	
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24–8784	34	40	8	
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24–8784	66	37	24	
24–8784	73	68	25	
24–8784	74	6	26	
24–8784	74	21	26	
24–8784	79	6	28	
24–8784	79	8	28	
24–8784	79	10	28	
24–8784	79	18	28	
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24–8784	79	53	28	

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24–8784	80	97	28	
24–8784	80	103	28	
42–8784	80	114	28	
24–8784	82	21	29	
24–8784	85	5	30	
24–8784	85	7	30	
24–8784	85	10	30	
24–8784	85	18	30	
24–8784	88	69	30	
24–8784	88	77	30	
24–8784	89	106	30	
24–8784	91	29	31	
24–8784	96	17	36	
24–8928	64	42	23	
24–8930	33	12	8	
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24–9569	82	28	29	
24–9570	70	27	25	
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24–9571	70	28	25	
24–9571	77	22	27	
24–9571	82	27	29	
24–9572	70	33	25	
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24–9572	82	32	29	
24–9573	70	30	25	
24–9573	77	24	27	
24–9573	82	29	29	
25–5241	47	38	14	
25–5247	47	39	14	
25–5247	51	24	16	
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25–7180	98	23	36	
26–1253	12	68	1	
26–1253	12	87	1	
27–410	80	117	28	
27–1111	10	53	1	
27–1111	16	34	3	
27–1163	10	24	1	
27–1163	16	20	3	
27–1239	13	39	2	
27–1239	21	114	4	
27–4258	24	78	5	
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27–5152	47	37	14	
27–5156	13	29	2	
27–5674	82	14	29	
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27–5684	36	7	9	
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27–5684	93	16	34	
27–5690	40	45	11	
27–5690	44	30	12	
27–5705	40	66	11	
27–5705	44	50	12	
27–5710	37	77	9	
27–6037	70	15	25	

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27–6037	89	100	30
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27–6037	91	31	31
27–6312	33	18	8
27–6312	69	98	24
27–6717	57	26	19
27–6738	57	25	19
27–6738	57	40	19
27–6810	53	2	17
27–6810	53	19	17
27–6810	53	2	18
27–6810	57	15	19
27–6810	60	15	21
27–6810	62	20	22
27–6813	58	30	20
27–7979	93	17	33
27–8443	77	10	27
27–8560	49	24	15
27–8560	64	4	23
27–8560	64	22	23
27–8560	64	43	23
27–8560	68	48	24
27–8560	68	52	24
27–8560	74	3	26
27–8560	74	34	26
27–8560	74	36	26
27–8560	74	42	26
27–8560	74	57	26
27–8560	74	61	26
27–8560	74	64	26
27–8560	76	69	26
27–8560	76	105	26
27–8560	76	115	26
27–8560	79	38	28
27–8560	79	46	28
27–8560	80	92	28
27–8560	85	12	30
27–8560	85	32	30
27–8560	87	59	30
27–8560	88	66	30
27–8560	88	86	30
27–8560	93	—	33
27–8560	93	—	34
27–8560	98	19	36
27–8560	98	21	36
27–8560	98	43	36
28–43	24	110	5
28–243	13	37	2
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28–243	28	63	6
28–243	29	100	6
28–2080	22	6	5
28–2080	29	104	6
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28–2080	36	21	9
28–2080	38	49	10
28–2080	40	39	11
28–2080	42	76	11
28–2080	42	19	12
28–2080	44	62	12
28–2080	45	2	13
28–2080	55	39	18
28–2080	77	49	27
28–2338	36	53	9
28–2338	38	13	10
28–2338	40	33	11
28–2338	44	82	12
28–2338	49	39	15
28–2338	51	26	16
28–2338	66	34	24
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28–2338	88	79	30
28–2338	89	107	30
28–4265	96	1	35
29–410	10	42	1
29–541	10	4	1
29–541	10	54	1
29–541	12	90	1
29–541	15	84	2
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29–541	18	88	3
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29–541	69	87	24
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29–541	74	67	26
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29–541	87	—	30
29–541	88	95	30
29–565	18	58	3
29–905	13	9	2
29–905	19	18	4
29–2158	10	9	1
29–2158	18	74	3
29–3242	21	2	5
29–3250	21	1	5
29–3250	25	24	6
29–3304	24	111	5
29–3319	31	7	7
29–3319	40	35	11
29–3319	42	15	12
29–3319	42	24	12
29–3319	96	2	36
29–3319	96	9	36
29–3319	98	37	36
29–3448	28	58	6
29–3449	27	57	6
29–3832	34	30	8
29–3832	31	18	7
29–3860	25	11	6
29–4657	72	61	25
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29–4661	72	63	25
29–4662	13	27	2
29–4662	21	110	4
29–4662	72	62	25
29–4664	72	66	25
29–4665	72	64	25
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29–5289	47	33	14
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29–5310	49	9	15
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29–5313	49	8	15
29–5313	51	41	16
29–5315	51	8	16
29–5320	47	7	14
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29–5338	49	51	15
29–5338	51	35	16
29–5346	47	6	14
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29–5347	49	50	15
29–5347	51	43	16
29–5710	57	28	19
29–5710	57	38	19
29–5715	57	30	19
29–5715	57	35	19
29–5871	53	32	17
29–5871	55	31	18
29–5905	57	36	19
29–6110	93	10	33
29–7365	57	1	19
29–7365	73	74	25
29–7368	57	6	19
29–7368	58	11	20
29–7368	70	1	25
29–7368	77	2	27
29–7368	82	1	29
29–7551	36	1	9
29–7551	45	12	13
29–7560	44	76	12
29–7561	44	74	12
29–7561	36	56	9
29–7564	37	58	9
29–7564	44	75	12
29–7581	36	56	9
29–7581	44	74	12
29–7583	36	—	9
29–7583	44	74A	12
29–7898	72	39	25
29–7898	82	40	29
29–7962	66	9	24
29–7962	76	100	26
29–7971	66	12	24
29–7971	68	63	24
29–7971	76	92	26
29–7971	76	99	26
29–8740	40	41	11
29–8740	42	21	12
29–8810	70	35	25
29–8810	77	29	27
29–8810	82	34	29
29–8820	72	51	25
29–8820	77	38	27
29–8820	82	49	29
29–9132	64	37	23
29–9132	66	11	24
29–9221	98	26	36
29–9251	96	6	35
29–9252	96	22	35
29–9253	96	19	35
29–9254	96	17	35
29–9255	96	4	35
29–9326	98	47	36
29–9342	96	7	36
30–196	38	16	10
30–196	77	53	27
30–196	84	89	29
30–660	70	22	25
30–1194	79	4	28
30–1194	85	4	30
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31–103	10	21	1
31–212	13	22	2
31–212	21	71	4
31–222	15	65	2
31–222	19	45	4
31–298	15	63	2
31–298	19	66	4
31–300	13	60	2
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31–8430	10	44	1
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31–8430	19	13	4
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33–4089	36	19	9
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35–33	70	9	25
35–33	70	12	25
35–33	82	8	29
35–33	82	11	29
35–33	82	17	29
35–33	84	79	29
35–37	55	29	18
35–698	36	20	9
35–698	62	8	22
35–701	10	28	1
35–701	16	21	3
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35–701	55	15	18
35–702	22	10	5
35–705	24	76	5
35–705	27	28	6
35–705	60	41	21
35–709	27	37	6
35–710	40	24	11
35–710	45	87	12
35–5016	37	84	9
35–6436	53	22	17
35–6436	57	17	19
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36–382	19	22	4
36–382	19	24	4
36–382	22	34	5
36–382	36	52	9
36–382	36	55	9
36–382	38	6	10
36–382	38	12	10
36–382	40	32	11
36–382	44	58	12
36–382	44	77	12
36–382	44	84	12
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36–382	47	32	14
36–382	47	43	14
36–382	49	34	15
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36–382	64	51	23
36–382	68	53	24
36–382	68	65	24
36–382	74	28	26
36–382	77	7	27
36–382	79	32	28
36–382	84	67	29
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36–481	10	57	1
36–481	16	51	3
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36–5344	64	34	23
42–42	21	93	4
42–48	12	76	1
42–48	18	84	3
42–50	12	92	1
42–50	18	89	3
42–65	18	84	3
42–2001	42	82	11
42–2001	45	44	13
42–2705	10	16	1
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42–2730	88	97	30
42–2748	16	6	3
42–2751	76	107	26
42–2778	16	6	3
42–2782	88	97	30
42–2822	16	6	3
42–3006	27	50	6
42–3008	27	50	6
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42–3023	28	90	6
42–3025	28	90	6
42–3037	29	—	6
42–3038	29	117	6
42–3049	27	53	6
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42–3054	33	27	8
42–3056	33	7	8
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42–4199	42	63	11
42–4210	42	18	12
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42–4308	42	18	12
42–4502	44	65	12
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42–4574	44	25	12
42–4583	44	61	12
42–4586	44	28	12
42–4587	44	27	12
42–4713	45	4	13
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42–4719	42	75	11
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42–4823	40	8	11
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42–4914	91	15	31
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42–5005	51	—	16
42–5006	49	—	15
42–5010	51	5	16
42–5011	49	55	15
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42–5012	51	19	16
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42–6001	62	—	22
42–6002	60	16	21
42–6002	62	21	22
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42–6024	60	34	21
42–6030	62	46	22
42–6033	62	44	22
42–6034	62	10	22
42–6036	62	7	22
42–6037	62	9	22
42–6045	62	51	22
42–6046	62	50	22
42–6051	60	45	21
42–6503	84	13	30
42–6505	74	30	26
42–6505	84	26	30
42–6517	74	35	26
42–6759	79	57	28
42–6759	88	88	30
42–6761	80	101	28
42–6761	88	80	30
42–6762	88	80	30
42–6763	45	17	13
42–6782	80	108	28
42–6782	88	87	30
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42–6783	74	83	26
42–6783	80	110	28
42–6785	87	53	30
42–6799	80	77	28
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42–6807	76	75	26
42–6809	76	73	26
42–6811	76	87	26
42–6813	76	79	26
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42–6822	80	96	28
42–6824	80	96	28
42–6832	88	74	30
42–6841	80	112	28
42–6846	88	71	30
42–6848	88	71	30
42–6851	87	64	30
42–6853	79	56	28
42–6856	80	112	28
42–6858	80	96	28
42–6860/7	80	96	28
42–6865	80	111	28
42–6920	91	21	31
42–7003	84	84	29
42–7007	82	5	29
42–7012	84	87	29
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42–7022	77	43	27
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32–7506	34	38	8
42–7507	33	29	8
42–7508	34	37	8
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42–8043/19	82	39	29
42–8051	77	46	27
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42–8053/36	82	39	29
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42–8076	84	90	29
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42–9015	76	101	26
42–9020	76	104	26
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42–9027	98	34	36
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42–9062	82	18	29
42–9065	88	98	30
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42–9075	91	25	31
42–9080	96	8	35
42–9085	82	19	29
42–9090	96	—	35
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65–110	64	18	23
65–114	10	40	1
65–209	10	41	1
65–292	79	2	28
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65–292	85	2	30
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65–317	10	38	1
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65–387	10	31	1
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65–402	10	33	1
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65–692	19	49	4
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65–695	15	100	2
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65–695	36	4	9
65–695	42	84	11
65–695	45	39	13
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65–1235	21	68	4
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