

Classic British Spares

1961-1963

TRIUMPH

**REPLACEMENT
PARTS
CATALOGUE No. 4**

"C" RANGE MODELS

TWENTY-ONE (3TA)

SPEED TWIN (5TA)

TIGER 100 (T100A)

TIGER 100 (T100 S/S)

from Engine No. H 18612

September 1960

TRIUMPH ENGINEERING COMPANY LIMITED
MERIDEN WORKS · ALLESLEY · COVENTRY · ENGLAND
TELEPHONE MERIDEN 331 TELEGRAMS "TRUSTY COVENTRY"

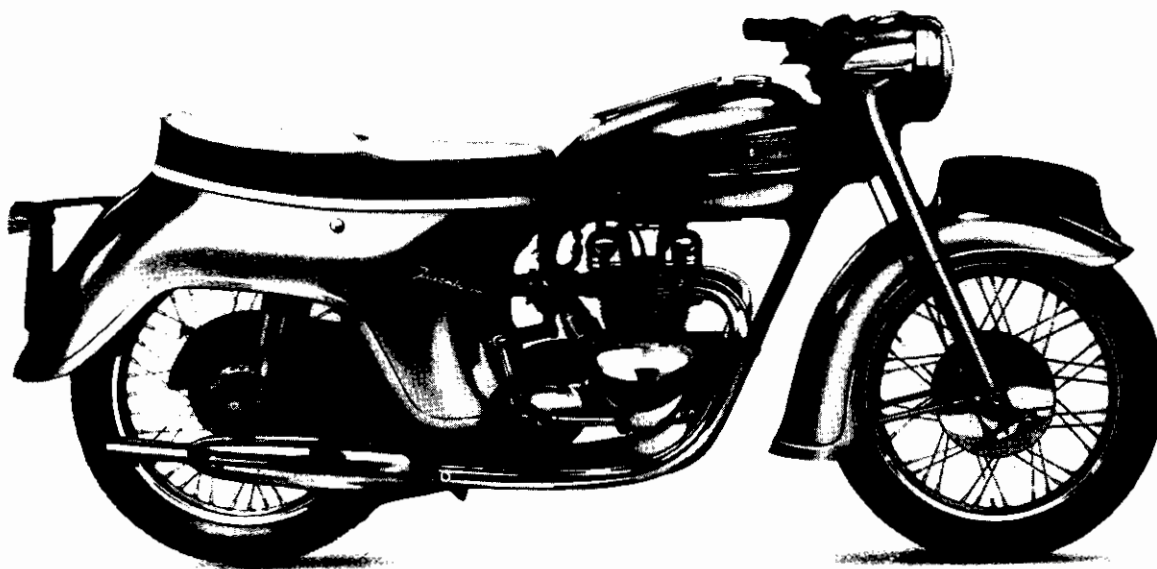
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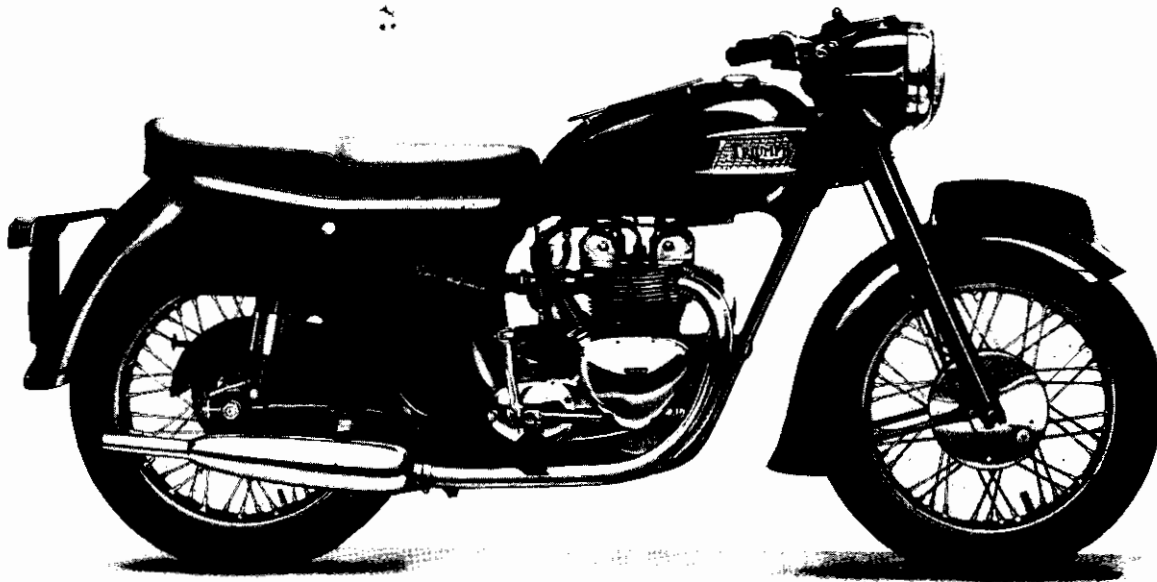
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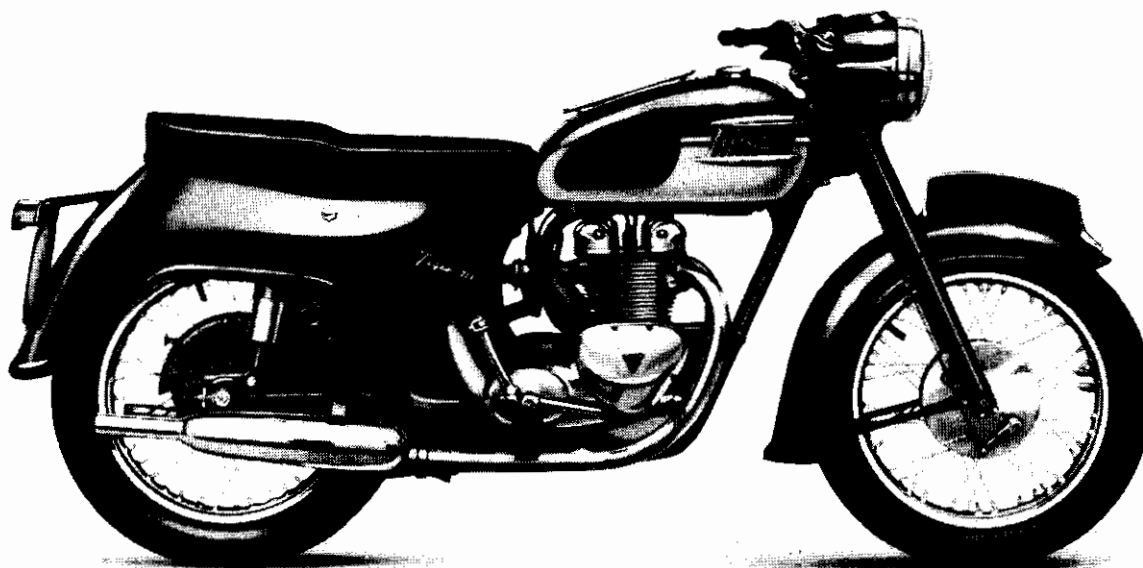
TWENTY-ONE (3TA) TECHNICAL DATA

Bore and stroke		58.25 x 65.5 mm. 2.292 in. x 2.578 ins.
Capacity		348 c.c. (21.23 cu. ins.).
Compression Ratio		7.5 : 1
Sparking Plugs	Champion N4, K.L.G., FE75 or Lodge HLN	
Carburetter		Amal Monobloc 375
	Main Jet	100
	Needle Jet	.106
	Needle	Type B
	Throttle Valve	375/3½
	Pilot Jet	25
Gearbox Sprocket		18 teeth
Chains	Front	⅜ in. Duplex x 78 links
	Rear	⅜ in. x ⅜ in. x 100 links
Capacities	Fuel Tank	3½ galls. (16 litres)
	Oil Tank	5 pints (2.8 litres)
	Gearbox	2/3 pint (375 c.c.)
	Primary Chaincase	½ pint (300 c.c.)
	Front Forks (each leg)	¼ pint (150 c.c.)
Brakes	Front and Rear, diameter	7 in. (17.78 cm.)
Tyre Size	Front	3.25 x 17
	Rear	3.25 x 17



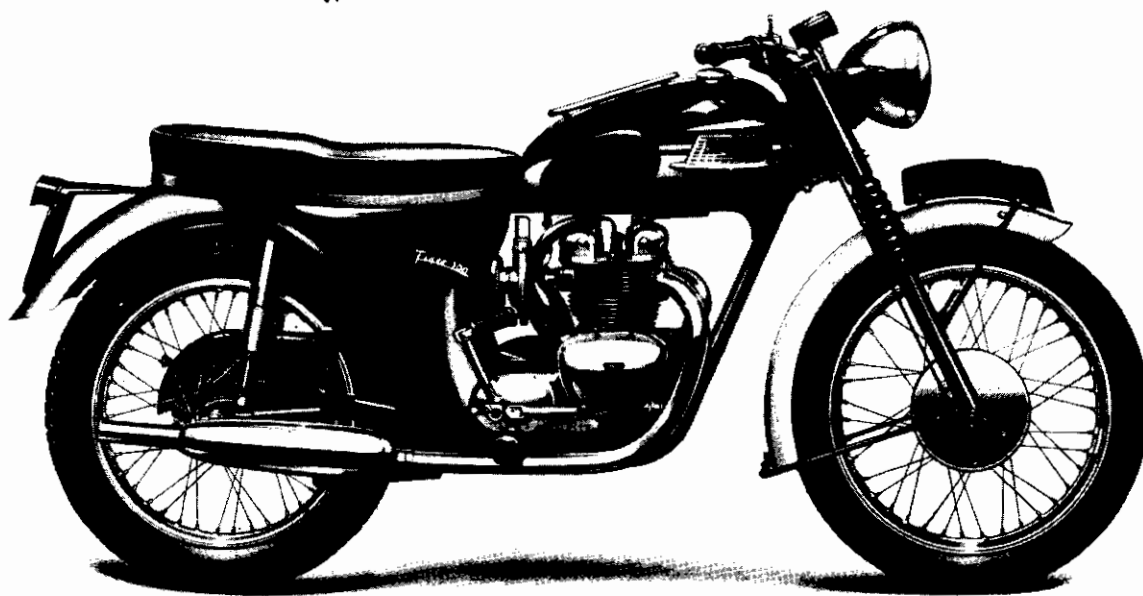
SPEED TWIN (5TA) TECHNICAL DATA

Bore and Stroke		69 x 65.5 mm. 2.716 x 2.578 ins.
Capacity		490 c.c. (29.8 cu. ins.)
Compression Ratio		7 : 1
Sparking Plugs	Champion N4, K.L.G. FE75 or Lodge HLN	
Carburetter		Amal Monobloc 375
	Main Jet	160
	Needle Jet	.105
	Needle	Type B
	Throttle Valve	375/3
	Pilot Jet	25
Gearbox Sprocket		19 teeth
Chains	Front	$\frac{3}{8}$ in. Duplex x 78 links
	Rear	$\frac{3}{8}$ in. x $\frac{3}{8}$ in. x 101 links
Capacities	Fuel Tank	3 $\frac{1}{2}$ galls. (16 litres)
	Oil Tank	5 pints (2.8 litres)
	Gearbox	2/3 pint (375 c.c.)
	Primary Chaincase	$\frac{1}{2}$ pint (300 c.c.)
	Front Forks (each leg)	$\frac{1}{4}$ pint (150 c.c.)
Brakes	Front and Rear, diameter	7 in. (17.78 cm.)
Tyre Size	Front	3.25 x 17
	Rear	3.50 x 17



TIGER 100 (T100A) TECHNICAL DATA

Bore and Stroke		69 x 65.5 mm. 2.716 x 2.578 ins.
Capacity		490 c.c. (29.8 cu. ins.)
Compression Ratio		9 : 1
Sparking Plugs	Champion N4, K.L.G. FE75 or Lodge HLN	
Carburetter		Amal Monobloc
	Main Jet	190
	Needle Jet	.106
	Needle	Type C
	Throttle Valve	376/3½
	Pilot Jet	25
Gearbox Sprocket		19 teeth
Chains	Front	¾ in. Duplex x 78 links
	Rear	¾ in. x ¾ in. x 101 links
Capacities	Fuel Tank	3½ galls. (16 litres)
	Oil Tank	5 pints (2.8 litres)
	Gearbox	2/3 pint (375 c.c.)
	Primary Chaincase	½ pint (300 c.c.)
	Front Forks (each leg)	¼ pint (150 c.c.)
Brakes	Front and Rear, diameter	7 in. (17.78 cm.)
Tyre Size	Front	3.25 x 17
	Rear	3.50 x 17



TIGER 100 (T100SS) TECHNICAL DATA

Bore and Stroke	69 x 65.5 mm. 2.716 x 2.578 ins.
Capacity	490 c.c. (29.8 cu. ins.)
Compression Ratio	9 : 1
Sparking Plugs*	Champion N4, K.L.G. FE75 or Lodge HLN
Carburetter	Amal Monobloc
	Main Jet 190
	Needle Jet .106
	Needle Type C
	Throttle Valve 376/3½
	Pilot Jet 25
Gearbox Sprocket	18 teeth
Chains	Front ¾ in. Duplex x 78 links Rear ¾ in. x ¾ in. x 101 links
Capacities	Fuel Tank 3½ galls. (16 litres) Oil Tank 5 pints (2.8 litres) Gearbox 2/3 pint (375 c.c.) Primary Chaincase ½ pint (300 c.c.) Front Forks (each leg) ¼ pint (150 c.c.)
Brakes	Front and Rear, diameter 7 in. (17.18 cm.)
Tyre Size	Front 3.25 x 19 Rear 3.50 x 18

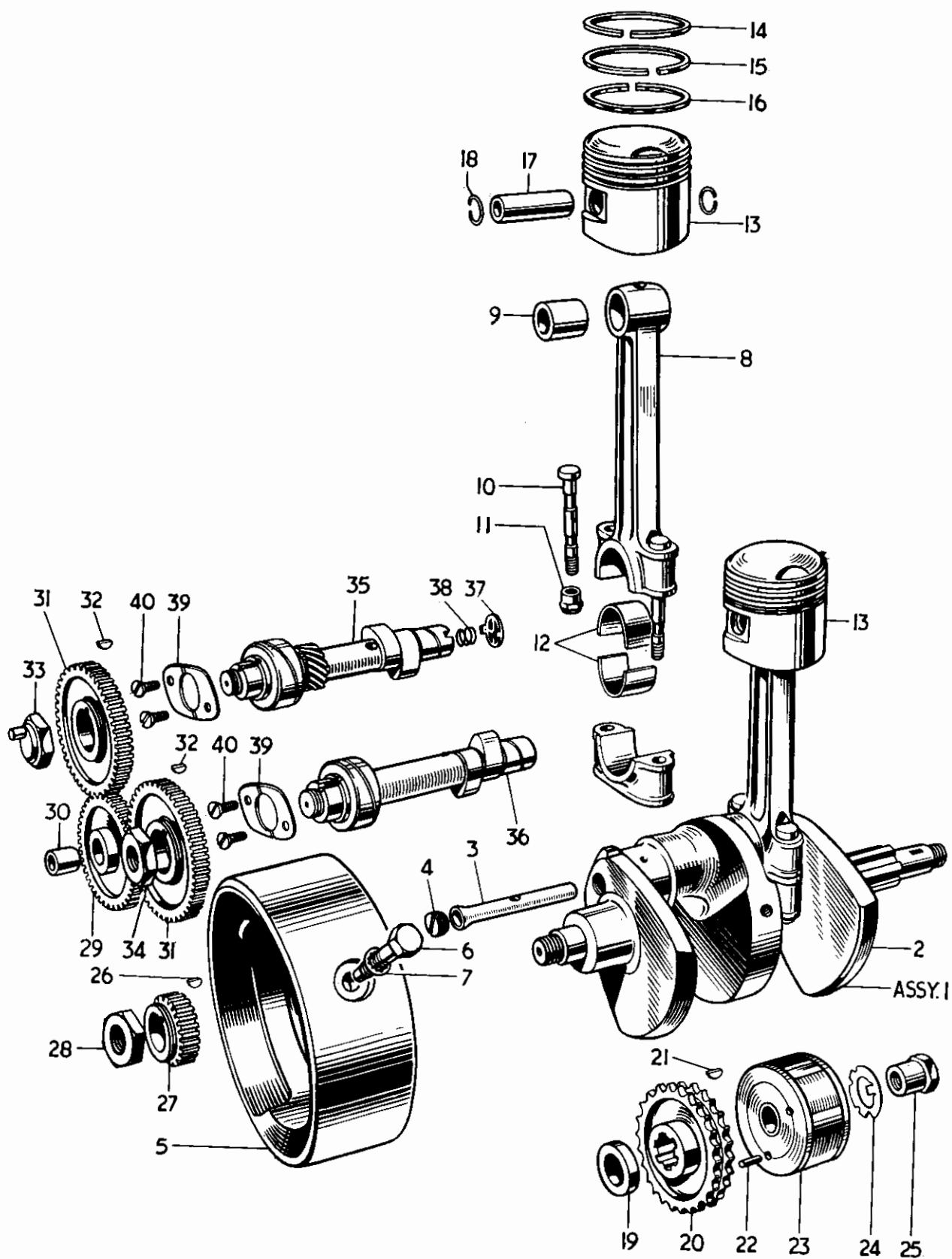


Fig. 1. CRANKSHAFT AND CONNECTING RODS.

CRANKSHAFT AND CONNECTING RODS

			3TA	5TA	T100A	T100SS
1	E3996	CRANKSHAFT AND FLYWHEEL ASSEMBLY	1	1	1	1
2	E3998	Crankshaft	1	1	1	1
3	E3999	Oil tube	1	1	1	1
4	E3711	Screwed plug	1	1	1	1
5	E3712	Flywheel	1	1	1	1
6	E3713	Flywheel bolt...	3	3	3	3
7	E2288	Serrated washer	3	3	3	3
8	E3702	CONNECTING ROD	2	—	—	—
8	E4001	CONNECTING ROD	—	2	2	2
9	E1762	Small end bush	2	—	—	—
9	E4003	Small end bush	—	2	2	2
10	E3705	Connecting rod bolt	2	2	2	2
11	E2922	Self locking nut	2	2	2	2
12	E3706	Big end bearing	4	4	4	4
13	CP164	PISTON COMPLETE C.R. 7.5 : 1	2	—	—	—
13	CP174	PISTON COMPLETE C.R. 7 : 1	—	2	—	—
13	CP179	PISTON COMPLETE C.R. 9 : 1	—	—	2	2
14	E3691	Plain compression ring	2	—	—	—
14	E3829	Taper compression ring	—	2	2	2
15	E3690	Taper compression ring	2	—	—	—
15	E3829	Taper compression ring	—	2	2	2
16	E3692	Oil control ring	2	—	—	—
16	E3831	Oil control ring	—	2	2	2
17	E1750	Gudgeon pin	2	—	—	—
17	WE203E	Gudgeon pin	—	2	2	2
18	E1767	Circlip	4	—	—	—
18	WE479	Circlip	—	4	4	4
19	E4006	Distance collar	1	1	1	1
20	E4141	Engine sprocket, 26T Duplex	1	1	1	1
21	E3851	Rotor key	1	1	—	—
22	E4142	Rotor dowel	—	—	1	1
23	†423506	Rotor	1	1	—	—
23	†54211595	Rotor	—	—	1	—
24	E3852	Tab washer	1	1	1	1
25	E3735	Nut	1	1	1	1
26	E1580	Key	1	1	1	1
27	E1771	Timing pinion	1	1	1	1
28	E398	Nut	1	1	1	1
29	E2202	INTERMEDIATE WHEEL	1	1	1	1
30	E400	Bush	1	1	1	1
31	E1486A	Camshaft wheel	2	2	2	2
32	E1558	Camshaft key	2	2	2	2
33	E1463	Inlet camshaft nut	1	1	1	1
34	E1492	Exhaust camshaft nut	1	1	1	1
35	E3838	Inlet camshaft	1	1	—	—
35	E4038	Inlet camshaft	—	—	1	1
36	E3839	Exhaust camshaft	1	1	—	—
36	E4039	Exhaust camshaft	—	—	1	—
36	E4023	Exhaust camshaft	—	—	—	1
37	E2254	Rotary breather valve	1	1	1	—
38	E2256	Breather valve spring	1	1	1	—
39	E3727	Retaining plate	2	2	2	—
40	E3728	Screw ($\frac{15}{32}$ in. U.H.)	4	4	4	—
23	54213901	†From engine No. H25252 use Rotor RM. 19	1	1	—	1

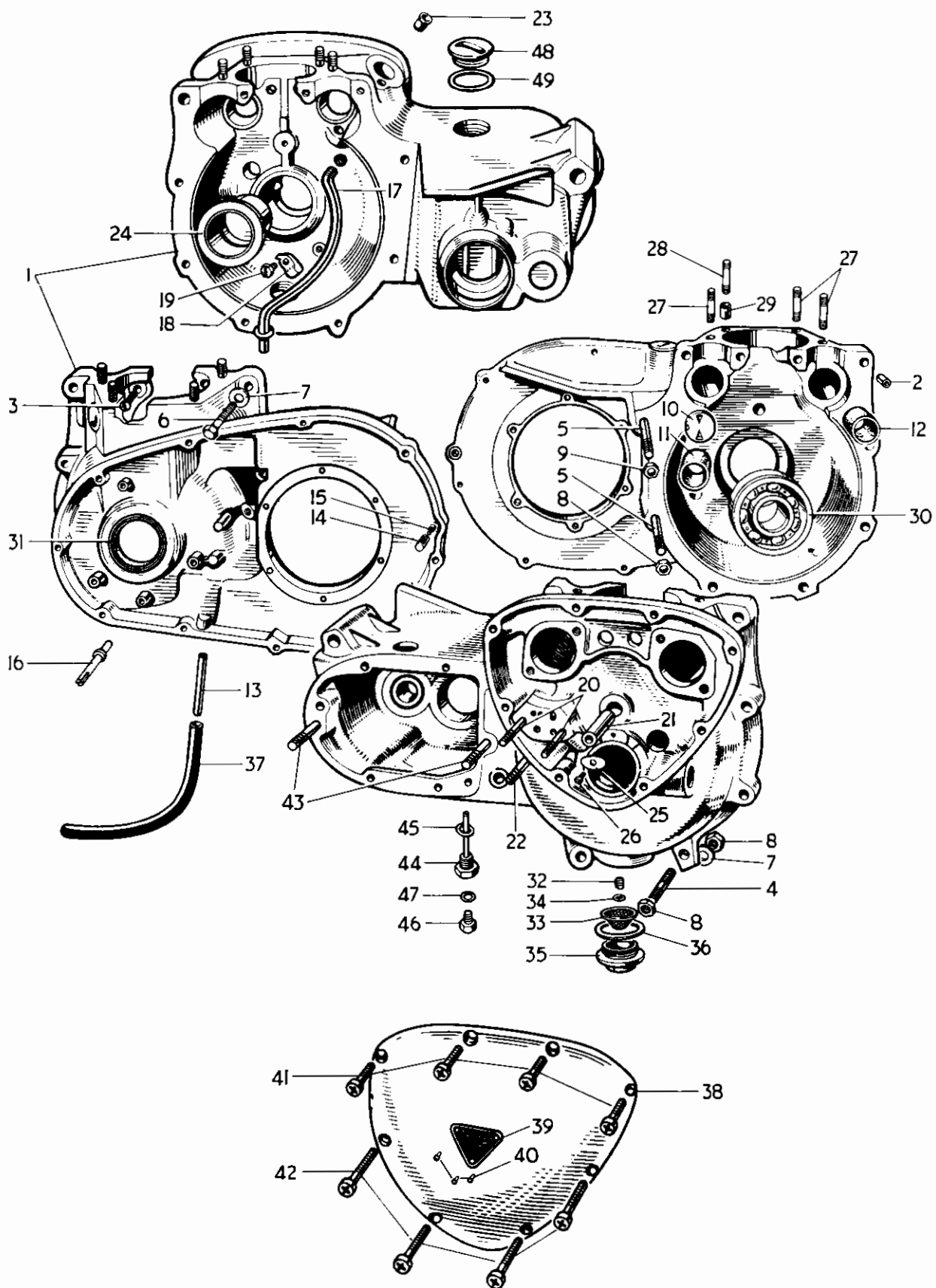


Fig 2. CRANKCASE

Ref. No.	Part No.	DESCRIPTION	QUANTITY			
		CRANKCASE				
			3TA	5TA	T100A	T100SS
1	E3688/4005	CRANKCASE c/w STUDS AND RIGHT MAIN BEARING	1	1	1	1
2	E3716	Hollow dowel	1	1	1	1
3	E3859	Screw ($\frac{3}{4}$ in. U.H.)	2	2	2	2
4	E3804	Stud (3 in. O.A.)	1	1	1	1
5	E3803	Stud ($3\frac{3}{4}$ in. O.A.)	2	2	2	2
6	E3799	Bolt ($1\frac{1}{8}$ in. U.H.)	1	1	1	1
7	S25-3	Plain washer	3	3	3	3
8	S1-51	Nut	3	3	3	1
9	E1310	Nut	1	1	1	3
10	E3822	Breather disc	1	1	1	1
11	E3824	Inlet camshaft bush	1	1	1	1
12	E3823	Exhaust camshaft bush	1	1	1	1
13	E2724	Breather pipe	1	1	1	1
14	E3884	Chain oiler tube	1	1	1	1
15	E3885	Chain oiler jet	1	1	1	1
16	E4147	Chain tensioner abutment	1	1	1	1
17	E3719	Oil scavenge pipe	1	1	1	1
18	E1509	Clip	1	1	1	1
19	E1645	Screw ($1\frac{7}{8}$ in. U.H.)	1	1	1	1
20	E3718	Oil pump stud ($1\frac{1}{8}$ in. O.A.)	2	2	2	2
21	E375	Intermediate wheel spindle	1	1	1	1
22	E3717	Oil pipes stud ($1\frac{1}{2}$ in. O.A.)	1	1	1	1
23	E3877	Distributor shaft bush	1	1	1	1
24	E4137	Right main bearing	1	1	1	1
25	E4139	Locating plate	1	1	1	1
26	E4140	Self tapping screw	1	1	1	1
27	E3820	Cylinder stud ($1\frac{1}{2}$ in. O.A.)... ..	6	6	6	6
28	E3819	Cylinder stud ($1\frac{1}{8}$ in. O.A.)	2	2	2	2
29	E1534A	Dowel	2	2	2	2
30	E3835	Left main bearing (ball journal)	1	1	1	1
31	E3876	Oil seal	1	1	1	1
32	E3724	Filter spring	1	1	1	1
33	E3722	Filter	1	1	1	1
34	E3723	Sealing washer	1	1	1	1
35	E1564	Filter cap	1	1	1	1
36	E1577	Joint washer	1	1	1	1
37	E3078	Breather extension rubber pipe	1	1	1	1
38	E3693	TIMING COVER	1	1	1	1
39	E4016	Patent plate	1	1	1	1
40	D208-5	Patent plate rivet	1	1	1	1
41	E3800	Screw ($\frac{7}{8}$ in. U.H.)	4	4	4	4
42	E3801	Screw ($1\frac{1}{8}$ in. U.H.)	4	4	4	4
43	T1399	Stud ($3\frac{1}{8}$ in. O.A.)	2	2	2	2
44	T1112	Drain plug (with level tube)	1	1	1	1
45	WE170	Fibre washer	1	1	1	1
46	T361	Level plug	1	1	1	1
47	T1257	Fibre washer	1	1	1	1
48	E732	Filler plug	2	2	2	2
49	NE507	Fibre washer	2	2	2	2

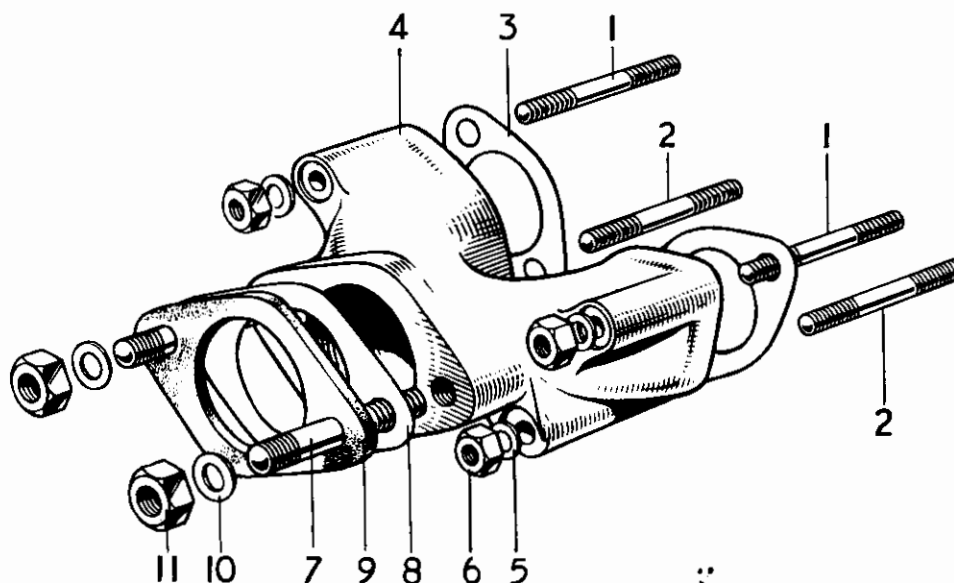
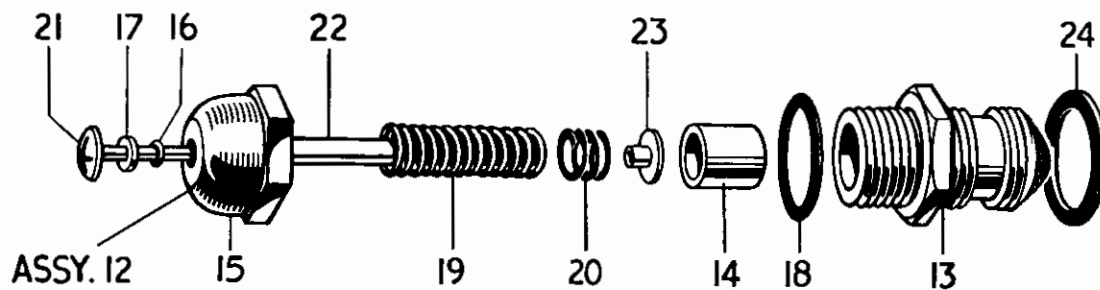
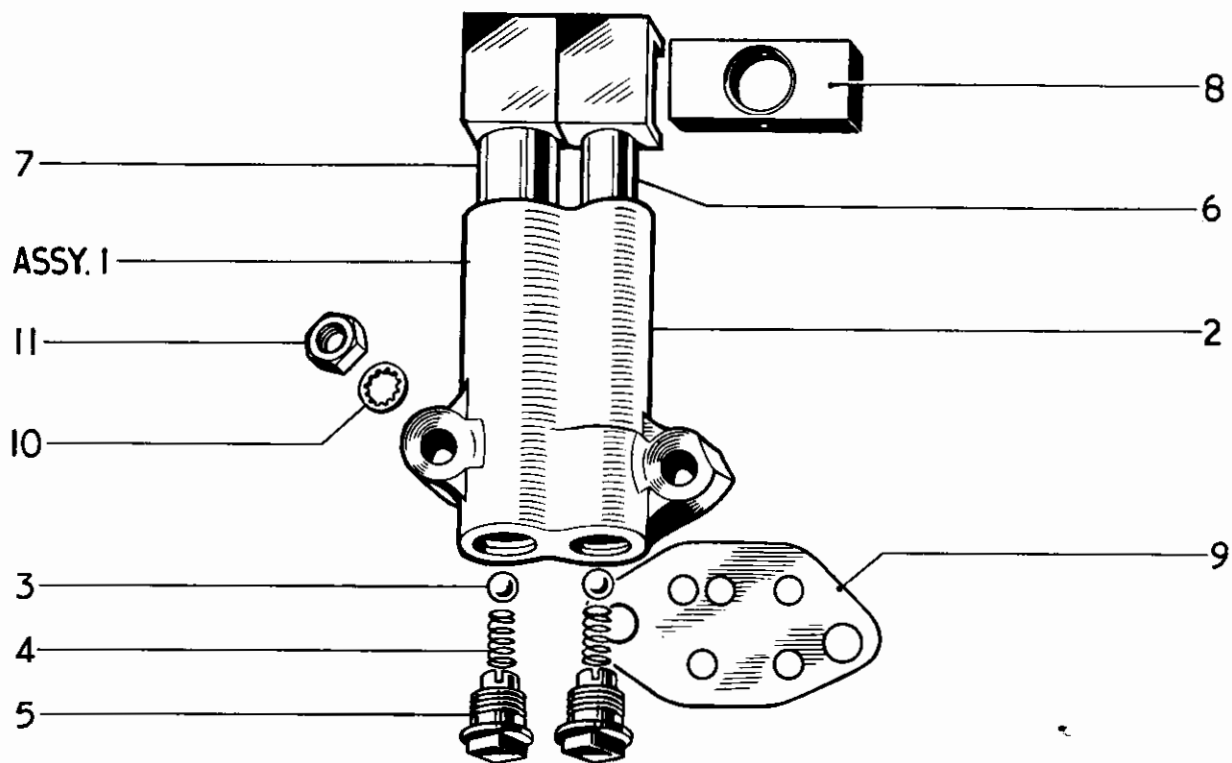


Fig. 3. OIL PUMP, RELEASE VALVE AND INLET MANIFOLD.

Ref. No.	Part No.	DESCRIPTION								QUANTITY			
OIL PUMP AND RELEASE VALVE													
										3TA	5TA	T100A	T100SS
1	E3878	OIL PUMP	...	...	...	...	...	...	...	1	1	1	1
2	E3731	Pump body	...	...	...	...	...	...	...	1	1	1	1
3	S70-7	Valve ball	...	...	...	...	...	...	...	2	2	2	2
4	E403	Valve spring	...	...	...	...	...	...	...	2	2	2	2
5	E2360	Screwed plug	...	...	...	...	...	...	...	2	2	2	2
6	GS153	Feed plunger	...	...	...	...	...	...	...	1	1	1	1
7	E1476	Scavenge plunger	...	...	...	...	...	...	...	1	1	1	1
8	E495	Drive block	...	...	...	...	...	...	...	1	1	1	1
9	E3730	Joint washer	...	...	...	...	...	...	...	1	1	1	1
10	E3887	Serrated washer	...	...	...	...	...	...	...	2	2	2	2
11	E3732	Nut	...	...	...	...	...	...	...	2	2	2	2
12	E4191	OIL RELEASE VALVE AND INDICATOR	...	...	...	...	...	...	...	1	1	1	1
13	E2794	Valve body	...	...	...	...	...	...	...	1	1	1	1
14	GS251	Piston	...	...	...	...	...	...	...	1	1	1	1
15	E4192	Cap	...	...	...	...	...	...	...	1	1	1	1
16	E4193	Sealing ring	...	...	...	...	...	...	...	1	1	1	1
17	E4194	Cup	...	...	...	...	...	...	...	1	1	1	1
18	GS254	Fibre washer	...	...	...	...	...	...	...	1	1	1	1
19	E2788	Main spring	...	...	...	...	...	...	...	1	1	1	1
20	E2789	Auxiliary spring	...	...	...	...	...	...	...	1	1	1	1
21	E2791	Button and shaft	...	...	...	...	...	...	...	1	1	1	1
22	E2793	Sealing rubber	...	...	...	...	...	...	...	1	1	1	1
23	E2792	Shaft nut	...	...	...	...	...	...	...	1	1	1	1
24	E1670	Fibre washer	...	...	...	...	...	...	...	1	1	1	1

INLET MANIFOLD						
1	E3796	Stud (1½ in. O.A.)	2	2	2	2
2	E3797	Stud (2 in. O.A.)	2	2	2	2
3	E2967	Joint washer	2	2	2	2
4	E4014	Inlet manifold	1	1	1	1
5	S25-13	Plain washer	4	4	4	4
6	W103	Nut	4	4	4	4
7	E3880	Stud (1½ in. O.A.)	2	2	2	2
8	NA43	Joint washer	1	1	-	-
8	NA43A	Joint washer	-	-	1	1
9	E3834	Insulating block	1	1	-	-
9	E2968	Insulating block	-	-	1	1
10	S25-3	Plain washer	2	2	2	2
11	S1-51	Nut	2	2	2	2

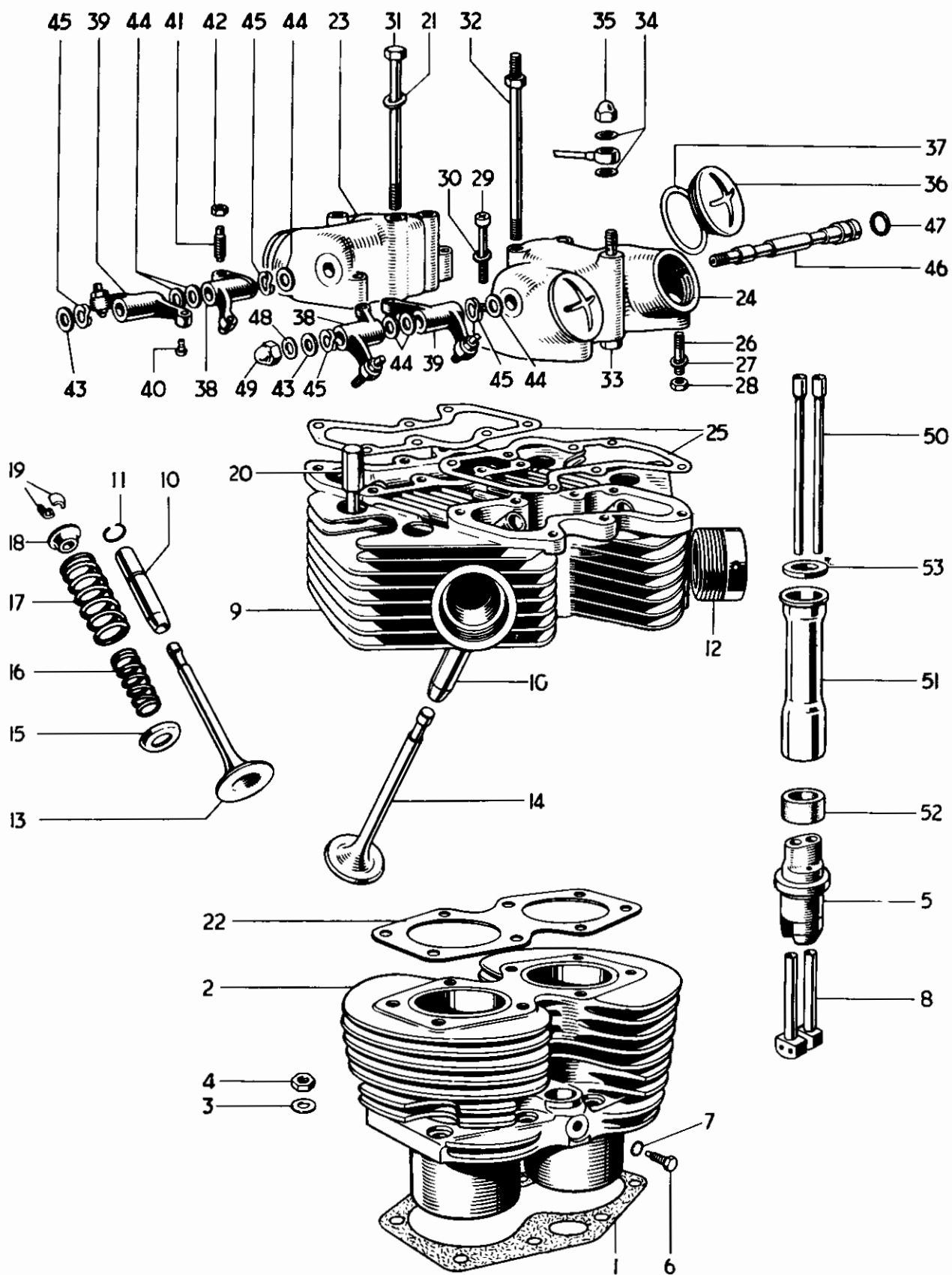


Fig. 4. CYLINDER BLOCK AND HEAD. 3TA.

CYLINDER BLOCK AND HEAD 3TA

			3TA
1	E3798	Cylinder base washer	1
2	E3698	Cylinder block	1
3	GS308	Plain washer	8
4	E2412	Nut	8
5	E3736	Tappet guide block	2
6	H200	Tappet block screw ($\frac{7}{16}$ in. U.H.)	2
7	E1612	Serrated washer	2
8	E3753	Tappet	4
9	E4017	CYLINDER HEAD c/w GUIDES	1
10	E3208	Valve guide	4
11	E3209	Valve guide circlip	4
12	E2961	Exhaust pipe adaptor	2
13	E3738	Inlet valve	2
14	E3739	Exhaust valve	2
15	E3740	Bottom cup	4
16	E3942	Inner valve spring	4
18	E3741	Outer valve spring	4
19	E3742	Top collar	4
17	WE259A	Split cotter	8
20	E4456	Cylinder head bolt (2 $\frac{3}{4}$ in. U.H.)	4
21	F2184	Plain washer	8
22	E3769	Cylinder head gasket	1
23	E3745	Inlet rocker box	1
24	E3744	Exhaust rocker box	1
25	E3743	Joint washer	2
26	E3858	Rocker box stud ($\frac{1}{8}$ in. O.A.)	4
27	E3302	Plain washer	4
28	F879	Nut	4
29	E3668	Screw ($\frac{1}{8}$ in. U.H.)	4
30	E3857	Plain washer	4
31	E3794	Cylinder head bolt (5 $\frac{7}{16}$ in. U.H.)	2
32	E3795	Cylinder head torque stay bolt	2
33	E3809	Oil feed bolt	2
34	F1880	Copper washer	6
35	H400	Domed nut	2
36	E3752	Inspection cap	4
37	E3751	Joint washer	4
38	E3749	ROCKER (Right exhaust, left inlet)	2
39	E3750	ROCKER (Left exhaust, right inlet)	2
40	E3222	Rocker ball pin	4
41	E3223	Rocker adjusting pin	4
42	G5662	Adjuster lock nut	4
43	E1330	Thrust washer $\frac{3}{8}$ in.	2
44	E2534	Thrust washer $\frac{7}{16}$ in.	6
45	E3224	Spring washer	4
46	E3748	Rocker spindle	2
47	E3253	Sealing rubber	2
48	E1335	Copper washer	2
49	E1435	Domed nut	2
50	E3759	Push rod	4
51	E3755	Cover tube	2
52	E3758	Bottom joint washer	2
53	E3547	Top joint washer	2

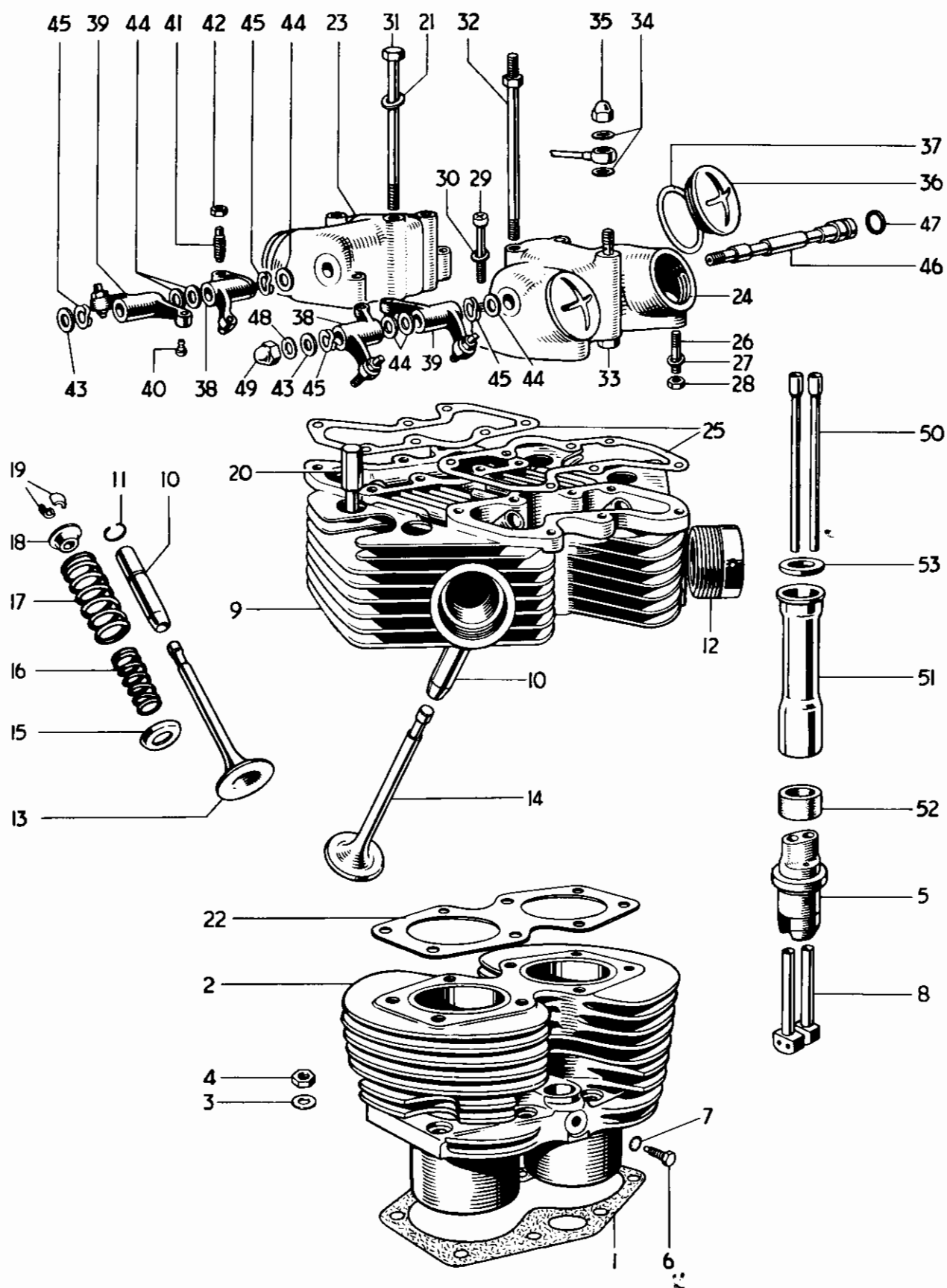


Fig. 5. CYLINDER BLOCK AND HEAD. 5TA & T100A

CYLINDER BLOCK HEAD AND 5TA, T100A and T100SS

										5TA	T100A	T100SS
1	E3798	Cylinder base washer	...	...	...	...	...	...	...	1	1	1
2	E4000	Cylinder block	...	...	...	...	...	...	...	1	1	1
3	GS308	Plain washer	...	...	...	...	...	...	...	8	8	8
4	E2412	Nut	...	...	...	...	...	...	...	8	8	8
5	E3736	Tappet guide block	...	...	...	...	...	...	...	2	2	2
6	H200	Tappet block screw ($\frac{7}{16}$ in. U.H.)	...	...	...	...	...	...	...	2	2	2
7	E1612	Serrated washer	...	...	...	...	...	...	...	2	2	2
8	E3753	Tappet	...	...	...	...	...	...	...	4	4	4
9	E4007	CYLINDER HEAD c/w GUIDES	...	...	...	...	...	...	...	1	1	1
10	E3208	Valve guide	...	...	...	...	...	...	...	4	4	4
11	E3209	Valve guide circlip	...	...	...	...	...	...	...	4	4	4
12	E2961	Exhaust pipe adaptor	...	...	...	...	...	...	...	2	2	2
13	E4012	Inlet valve	...	...	...	...	...	...	...	2	2	2
14	E4013	Exhaust valve	...	...	...	...	...	...	...	2	2	2
15	E3740	Bottom cap	...	...	...	...	...	...	...	4	4	4
16	E4010	Inner valve spring	...	...	...	...	...	...	...	4	4	4
17	E4011	Outer valve spring	...	...	...	...	...	...	...	4	4	4
18	E3742	Top collar	...	...	...	...	...	...	...	4	4	4
19	WE259A	Split cotter	...	...	...	...	...	...	...	8	8	8
20	E4456	Cylinder head bolt (2 $\frac{31}{32}$ in. U.H.)	...	...	...	...	...	...	...	4	4	4
21	F2184	Plain washer	...	...	...	...	...	...	...	8	8	8
22	E4015	Cylinder head gasket	...	...	...	...	...	...	...	1	1	1
23	E3745	Inlet rocker box	...	...	...	...	...	...	...	1	1	1
24	E3744	Exhaust rocker box	...	...	...	...	...	...	...	1	1	1
25	E3743	Joint washer	...	...	...	...	...	...	...	2	2	2
26	E3858	Rocker box stud ($\frac{11}{16}$ in. O.A.)	...	...	...	...	...	...	...	4	4	4
27	E3302	Plain washer	...	...	...	...	...	...	...	4	4	4
28	F879	Nut	...	...	...	...	...	...	...	4	4	4
29	E3668	Screw ($\frac{11}{16}$ in. U.H.)	...	...	...	...	...	...	...	4	4	4
30	E3857	Plain washer	...	...	...	...	...	...	...	4	4	4
31	E3794	Cylinder head bolt (5 $\frac{7}{16}$ in. U.H.)	...	...	...	...	...	...	...	2	2	2
32	E3795	Cylinder head torque stay bolt	...	...	...	...	...	...	...	2	2	2
33	E3809	Oil feed bolt	...	...	...	...	...	...	...	2	2	2
34	F1880	Copper washer	...	...	...	...	...	...	...	6	6	6
35	H400	Domed nut	...	...	...	...	...	...	...	2	2	2
36	E3752	Inspection cap	...	...	...	...	...	...	...	4	4	4
37	E3751	Joint washer	...	...	...	...	...	...	...	4	4	4
38	E3749	ROCKER (Right exhaust, left inlet)	...	...	...	...	...	...	...	2	2	2
39	E3750	ROCKER (Left exhaust, right inlet)	...	...	...	...	...	...	...	2	2	2
40	E3222	Rocker ball pin	...	...	...	...	...	...	...	4	4	4
41	E3223	Rocker adjusting pin	...	...	...	...	...	...	...	4	4	4
42	GS662	Adjuster lock nut	...	...	...	...	...	...	...	4	4	4
43	E1330	Thrust washer $\frac{3}{8}$ in.	...	...	...	...	...	...	...	2	2	2
44	E2534	Thrust washer $\frac{7}{8}$ in.	...	...	...	...	...	...	...	6	6	6
45	E3224	Spring washer	...	...	...	...	...	...	...	4	4	4
46	E3748	Rocker spindle	...	...	...	...	...	...	...	2	2	2
47	E3253	Sealing rubber	...	...	...	...	...	...	...	2	2	2
48	E1335	Copper washer	...	...	...	...	...	...	...	2	2	2
49	E1435	Domed nut	...	...	...	...	...	...	...	2	2	2
50	E4008	Push rod	...	...	...	...	...	...	...	4	4	4
51	E3755	Cover tube	...	...	...	...	...	...	...	2	2	2
52	E3758	Bottom joint washer	...	...	...	...	...	...	...	2	2	2
53	E3547	Top joint washer	...	...	...	...	...	...	...	2	2	2

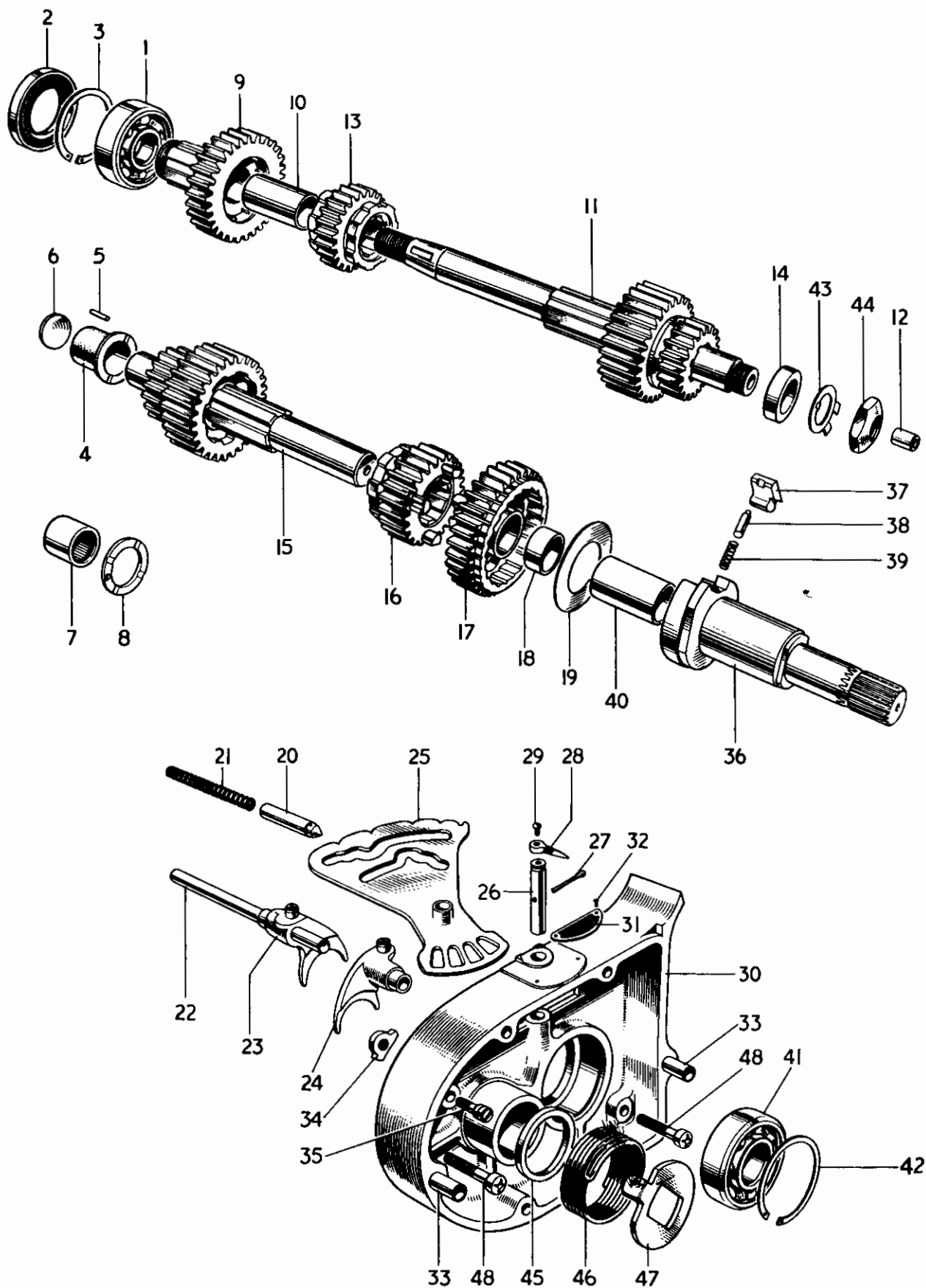


Fig. 6. GEARBOX SHAFTS, BEARINGS AND INNER COVER.

GEARBOX SHAFTS, BEARINGS AND INNER COVER

								3TA	5TA	T100A	T100SS
1	T665	High gear bearing (ball journal)...	...	...	...	...	...	1	1	1	1
2	T1478	Oil seal	...	...	...	...	...	1	1	1	1
3	W680	Circlip	...	...	...	...	...	1	1	1	1
4	T1367	Layshaft bush	...	...	...	...	...	1	1	—	—
5	T912	Peg	...	...	...	...	...	1	1	—	—
6	T981	Blanking disc	...	...	...	...	...	1	1	—	—
7	T1606	Layshaft bearing	...	...	...	...	...	—	—	1	1
8	T1607	Thrust washer	...	...	...	...	...	—	—	1	1
9	T1403	MAINSHAFT HIGH GEAR (26T)	...	...	...	...	...	1	1	1	1
10	T1405	High gear bush	...	...	...	...	...	1	1	1	1
11	T1406	MAINSHAFT c/w THIRD AND LOW GEARS	...	...	...	...	...	1	1	1	1
12	T1391	Clutch rod bush	...	...	...	...	...	1	1	1	1
13	T1410	Mainshaft second gear (23T)	...	...	...	...	...	1	1	1	1
14	T1411	Mainshaft distance piece	...	...	...	...	...	1	1	1	1
15	T1479	Layshaft c/w second and high gears	...	...	...	...	...	1	1	—	—
15	T1615	Layshaft c/w second and high gears	...	...	...	...	...	—	—	1	1
16	T1413	Layshaft third gear (23T)...	...	...	...	...	...	1	1	1	1
17	T1414	LAYSHAFT LOW GEAR (32T)	...	...	...	...	...	1	1	1	1
18	T1393	Low gear bush	...	...	...	...	...	1	1	1	1
19	T1426	Pawl retaining disc	...	...	...	...	...	1	1	1	1
20	T1471	Camplate index plunger	...	...	...	...	...	1	1	1	1
21	T373	Index plunger spring	...	...	...	...	...	1	1	1	1
22	T1457	Selector fork spindle	...	...	...	...	...	1	1	1	1
23	T1480	Mainshaft selector fork	...	...	...	...	...	1	1	1	1
24	T1481	Layshaft selector fork	...	...	...	...	...	1	1	1	1
25	T1458	Gear selector camplate	...	...	...	...	...	1	1	1	1
26	T1418	Camplate spindle	...	...	...	...	...	1	1	1	1
27	$\frac{1}{8}$ in. x $\frac{3}{4}$ in.	Split pin	...	...	...	...	...	1	1	1	1
28	T1416	Gear indicator pointer	...	...	...	...	...	1	1	1	1
29	H688	Screw ($\frac{1}{8}$ in. U.H.)	...	...	...	...	...	1	1	1	1
30	T1448	Inner cover	...	...	...	...	...	1	1	1	1
31	T1417	Gear indicator plate	...	...	...	...	...	1	1	1	1
32	D208-5	Indicator plate rivet	...	...	...	...	...	2	2	2	2
33	T1440	Hollow dowel	...	...	...	...	...	2	2	2	2
34	T1157	Kickstarter stop plate	...	...	...	...	...	1	1	1	1
35	T1390	Stop plate and anchor screw	...	...	...	...	...	1	1	1	1
36	T1445	KICKSTARTER SPINDLE	...	...	...	...	...	1	1	1	1
37	T1431	Kickstarter pawl	...	...	...	...	...	1	1	1	1
38	T1282	Plunger	...	...	...	...	...	1	1	1	1
39	T1161	Plunger spring	...	...	...	...	...	1	1	1	1
40	T1446	Floating bush	...	...	...	...	...	1	1	1	1
41	T1469	Mainshaft bearing (ball journal)	...	...	...	...	...	1	1	1	1
42	T280	Circlip	...	...	...	...	...	1	1	1	1
43	T732	Tab washer	...	...	...	...	...	1	1	1	1
44	E2419	Mainshaft nut	...	...	...	...	...	1	1	1	1
45	T1464	Distance piece	...	...	...	...	...	1	1	1	1
46	T1441	Kickstarter return spring	...	...	...	...	...	1	1	1	1
47	T1422	Return spring plate	...	...	...	...	...	1	1	1	1
48	E3204	Screw (1 in. U.H.)	...	...	...	...	...	2	2	2	2

GEARBOX OUTER COVER AND LEVERS

			3TA	STA	T100A	T100SS
1	T1450	GEARBOX OUTER COVER	1	1	1	-
2	T1395	Gearchange spindle bush	1	1	1	-
3	T1388	Stud (1 $\frac{7}{8}$ in. O.A.)	2	2	2	2
4	E1987	Stud (1 $\frac{1}{2}$ in. O.A.)	1	1	1	1
5	T1483	GEARCHANGE QUADRANT	1	1	1	1
6	T1474	Spring retaining pin	2	2	2	2
7	T1436	Plunger spring	2	2	2	2
8	T1396	Selector plunger	2	2	2	2
9	$\frac{5}{64}$ in. x $\frac{5}{8}$ in.	Split pin	2	2	2	2
10	E3309	Sealing ring	1	1	1	1
11	T1459	CLUTCH LEVER AND WORM	1	1	1	-
12	S70-7	Steel ball ($\frac{3}{32}$ in. diam.)	1	1	1	-
13	T1462	Cable abutment	1	1	1	-
14	E3302	Plain washer	1	1	1	-
15	$\frac{1}{8}$ x $\frac{1}{2}$ in.	Split pin	2	2	2	2
16	T1456	Clutch operating rod	1	1	-	-
16	T1574	Clutch operating rod	-	-	1	1
17	T1385	Return spring housing	1	1	1	1
18	T1432	Return spring	2	2	2	2
19	T1433	Thrust button	2	2	2	2
20	T1394	Cover	1	1	1	1
21	S25-1	Plain washer	1	1	1	1
22	W103	Nut	3	3	3	3
23	T1465	Clutch cable spring	1	1	1	-
24	E3475	Cable grommet	1	1	1	-
25	S1-51	Nut	2	2	2	2
26	S25-3	Plain washer	2	2	2	2
27	T1401	Screw (2 $\frac{3}{8}$ in. U.H.)	2	2	2	2
28	T1402	Screw (2 $\frac{3}{8}$ in. U.H.)	2	2	2	2
29	T1435	Gearchange lever	1	1	1	1
30	T449	Pedal rubber	1	1	1	1
31	W932	Bolt (1 in. U.H.)	1	1	1	1
32	T1485	KICKSTARTER LEVER COMPLETE	1	1	1	1
33	T1438	Kickstarter crank	1	1	1	1
34	T1272	Kickstarter pedal	1	1	1	1
35	S70-3	Steel ball	1	1	1	1
36	T1167	Index spring	1	1	1	1
37	T1273	Pivot bolt	1	1	1	1
38	T1439	Clamp bolt (1 $\frac{1}{8}$ in. U.H.)	1	1	1	1
39	F1814	Pedal rubber	1	1	1	1
From engine No. H25252 use						
40	T1637	GEARBOX OUTER COVER	1	1	-	1
41	T1395	Gearchange spindle bush	1	1	-	1
42	T1638	CLUTCH LEVER AND WORM	1	1	-	1
43	S70-7	Steel ball ($\frac{3}{32}$ in. diam.)	1	1	-	1
44	T1640	Spoke	1	1	-	1
45	T1641	Spring	1	1	-	1
46	T1642	Cup	2	2	-	2
47	T1643	Connector	1	1	-	1
48	T1644	Abutment	1	1	-	1
49	T1645	Adaptor	1	1	-	1
50	T1646	Rubber cover	1	1	-	1

ASSEMBLY REF. No. 1

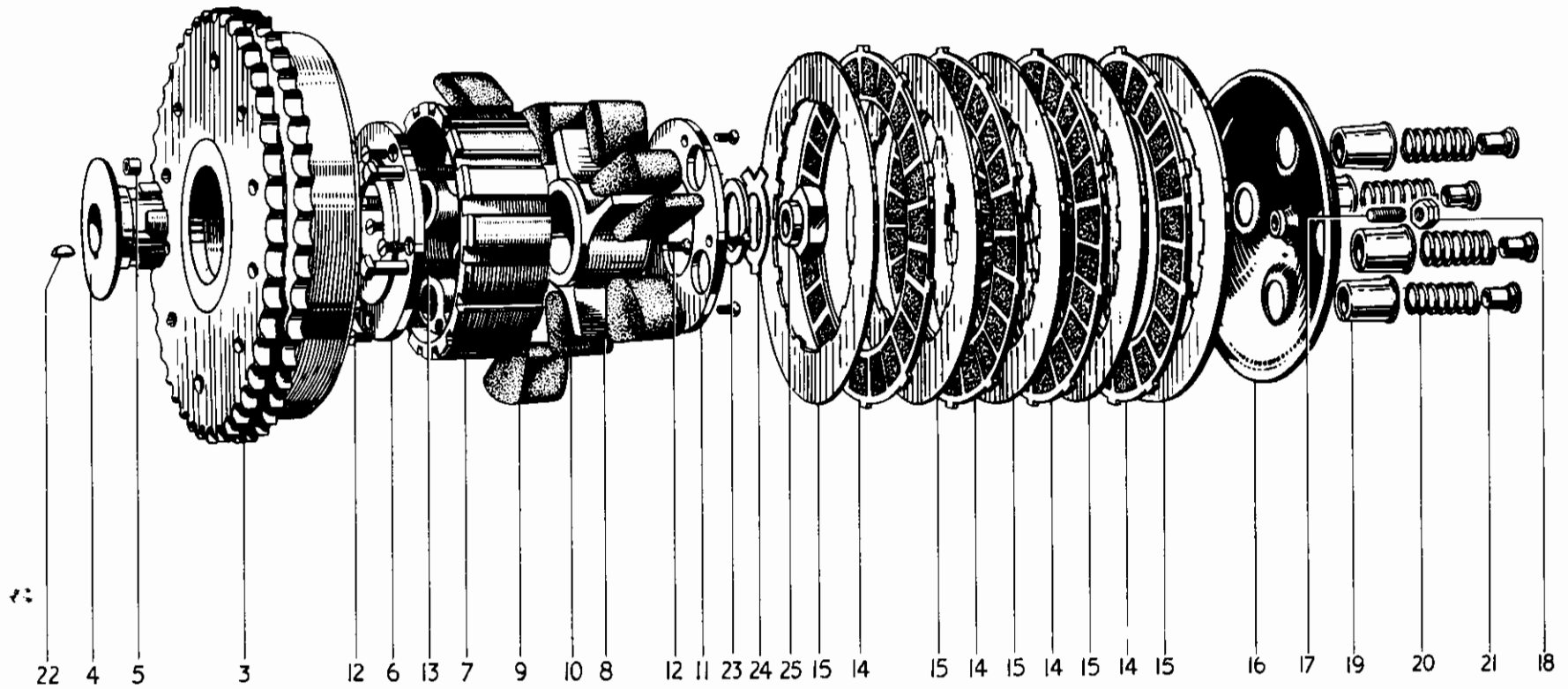


Fig. 8. CLUTCH

Ref. No.	Part No.	DESCRIPTION	QUANTITY
		CLUTCH	
			3TA 5TA T100A T100SS
1	T1486	CLUTCH COMPLETE ...	1 - - -
2	T1573	CLUTCH COMPLETE ...	- 1 1 1
3	T1442	Sprocket and housing ...	1 - - -
3	T1570	Sprocket and housing ...	- 1 1 1
4	T1386	Hub ...	1 1 1 1
5	T394	Roller ...	20 20 20 20
6	T1039	Inner plate ...	1 1 1 1
7	T1037	Centre (Shock absorber body) ...	1 - - -
7	T1038	Centre (Shock absorber body) ...	- 1 1 1
8	T1041	Shock absorber spider ...	1 1 1 1
9	T1472	Drive rubber (large) ...	4 4 4 4
10	T1473	Rebound rubber (small) ...	4 4 4 4
11	T1044	Outer plate ...	1 1 1 1
12	T1040	Countersunk screw (0.417 in. U.H.) ...	8 8 8 8
13	T423	Screwed pin (1 $\frac{1}{2}$ in. U.H.) ...	4 - - -
13	T423A	Screwed pin (1 $\frac{3}{4}$ in. U.H.) ...	- 4 4 4
14	T1362	Driving plate (bonded) ...	4 5 5 5
15	T1363	Driven plate (plain) ...	5 6 6 6
16	T1466	Pressure plate ...	1 1 1 1
17	T1256	Adjuster pin ...	1 1 1 1
18	GS662	Nut ...	1 1 1 1
19	T425	Spring cup ...	4 - - -
19	T998	Spring cup ...	- 4 4 4
20	T429	Spring ...	4 - - -
20	T999	Spring ...	- 4 4 4
21	T427	Brass nut ...	4 4 4 4
22	S66-1	Key ...	1 1 1 1
23	T1045	Cupped washer ...	1 1 1 1
24	T1046	Tab washer ...	1 1 1 1
25	T1047	Nut ...	1 1 1 1

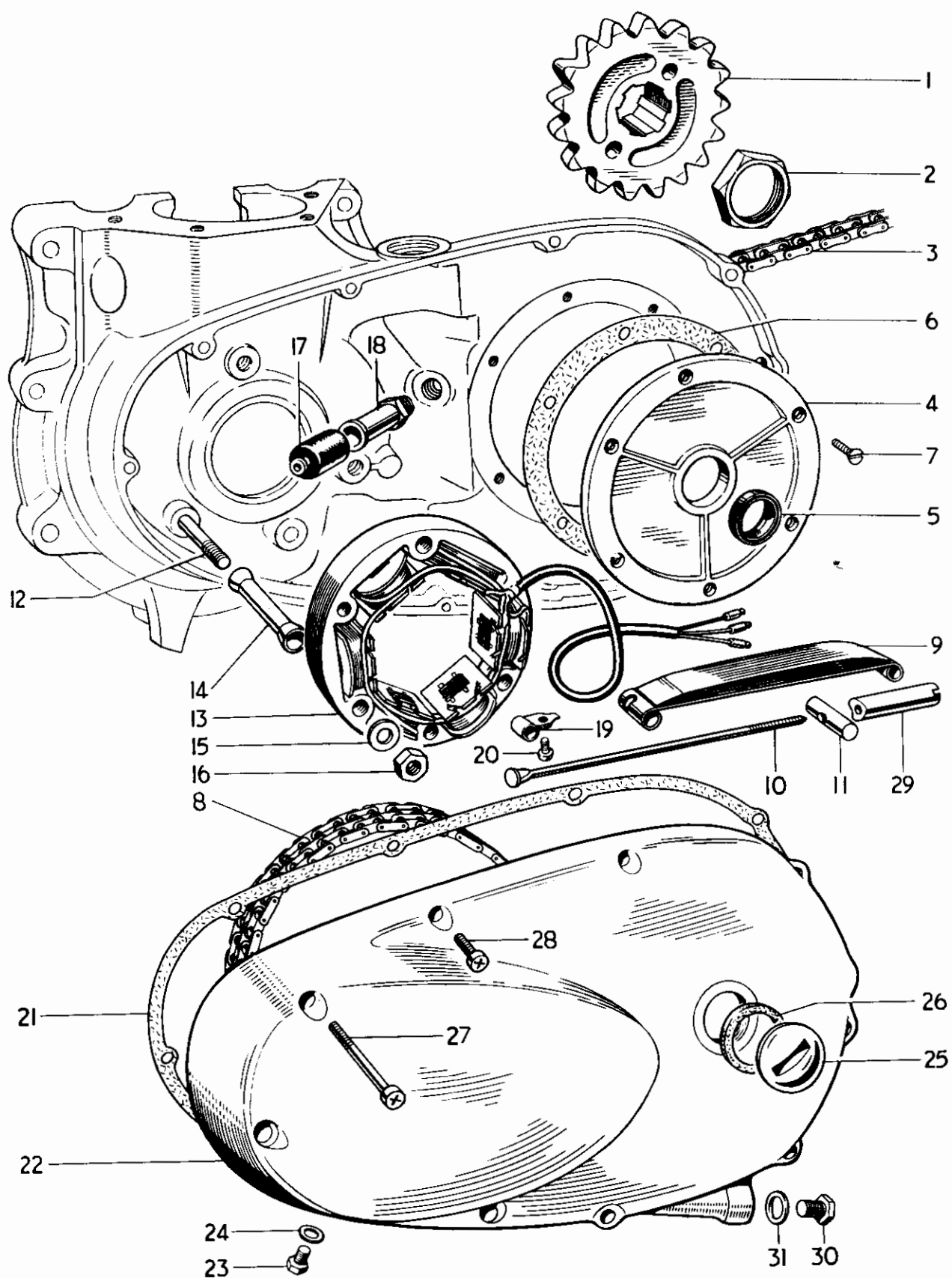


Fig. 9. CHAINCASE AND CHAINS.

CHAINCASE AND CHAINS

							3TA	5TA	T100A	T100SS
1	T1476	Gearbox sprocket (18 teeth)	...	...	...	...	1	-	-	1
1	T1558	Gearbox sprocket (17 teeth)	...	...	...	...	A	A	A	A
1	T1569	Gearbox sprocket (20 teeth)	...	...	...	...	A	A	A	A
1	T1476/19	Gearbox sprocket (19 teeth)	...	...	...	...	-	1	1	A
2	T1434	Gearbox sprocket nut	...	...	...	...	1	1	1	1
3	D304	Rear chain, $\frac{3}{8}$ in. x $\frac{3}{8}$ in. x 100L	...	...	...	...	1	-	-	-
3	D310	Rear chain, $\frac{3}{8}$ in. x $\frac{3}{8}$ in. x 101L	...	...	...	...	-	1	1	1
4	E3789	Cover plate	...	...	...	...	1	1	1	1
5	E3833	Oil seal	...	...	...	...	1	1	1	1
6	E3832	Joint washer	...	...	...	...	1	1	1	1
7	E3821	Countersunk screw ($\frac{1}{8}$ in. U.H.)	...	...	...	...	6	6	6	6
8	D358	Primary chain, $\frac{3}{8}$ in. Duplex 78L	...	...	...	...	1	1	1	1
9	E4149	Chain tensioner blade	...	...	...	...	1	1	1	1
10	E4152	Tie rod	...	...	...	...	1	1	1	1
11	E4148	Trunnion	...	...	...	...	1	1	1	1
12	†E3811	Stud ($3\frac{1}{8}$ in. O.A.)	...	...	...	...	3	3	3	3
13	†468973	Stator	...	...	...	...	1	1	1	-
13	47164	Stator, RM19 (After engine No. H25252)	...	...	...	...	1	1	-	1
14	E3810	Distance piece	...	...	...	...	3	3	3	3
15	S25-3	Plain washer	...	...	...	...	3	3	3	3
16	S1-51	Nut	...	...	...	...	3	3	3	3
17	E4144	Rubber grommet	...	...	...	...	1	1	1	1
18	E4143	Sleeve nut	...	...	...	...	1	1	1	1
19	E1509	Clip	...	...	...	...	1	1	1	1
20	T361	Bolt ($\frac{1}{4}$ in. U.H.)	...	...	...	...	1	1	1	1
21	E4156	Joint washer	...	...	...	...	1	1	1	1
22	E4122	Chaincase	...	...	...	...	1	1	1	1
23	DS57	Drain and level plug	...	...	...	...	2	1	1	1
24	WE170	Fibre washer	...	...	...	...	2	1	1	1
25	E732	Filler plug	...	...	...	...	1	1	1	1
26	NE507	Fibre washer	...	...	...	...	1	1	1	1
27	E3802	Screw ($2\frac{1}{4}$ in. U.H.)	...	...	...	...	3	3	3	3
28	E3668	Screw ($1\frac{1}{8}$ in. U.H.)	...	...	...	...	7	7	7	7
29	E4153	Adjuster sleeve nut	...	...	...	...	1	1	1	1
30	E4154	Drain plug	...	...	...	...	1	1	1	1
31	GS761	Fibre washer	...	...	...	...	1	1	1	1

†Up to engine No. H22430 use

12	E4145	Stud ($3\frac{1}{8}$ in. O.A.)	...	...	...	...	-	-	3	-
13	47149	Stator	...	...	...	...	-	-	1	-

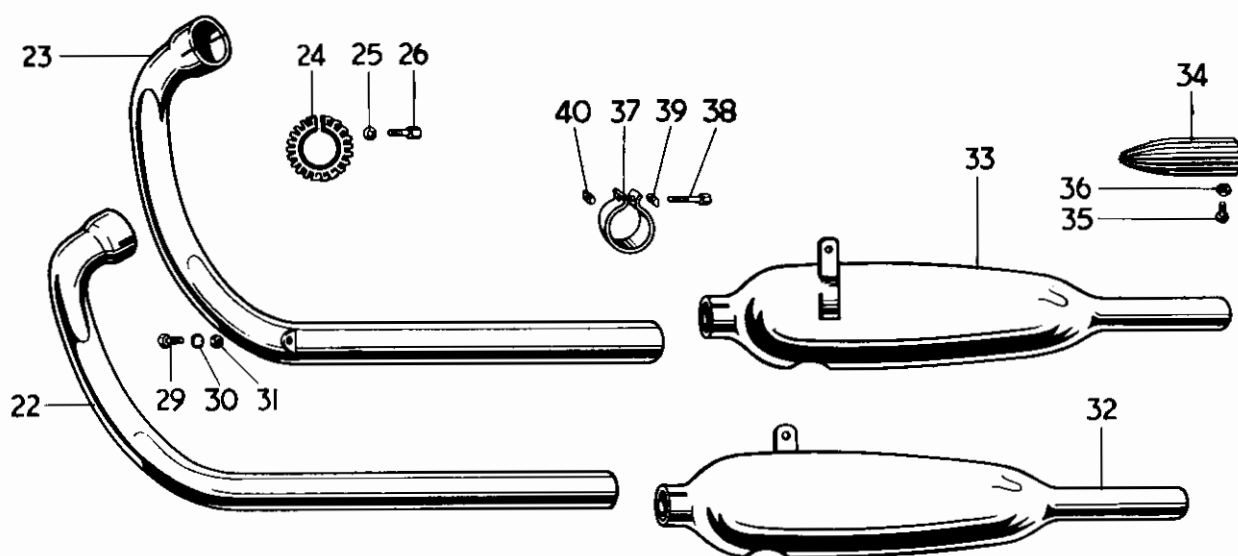
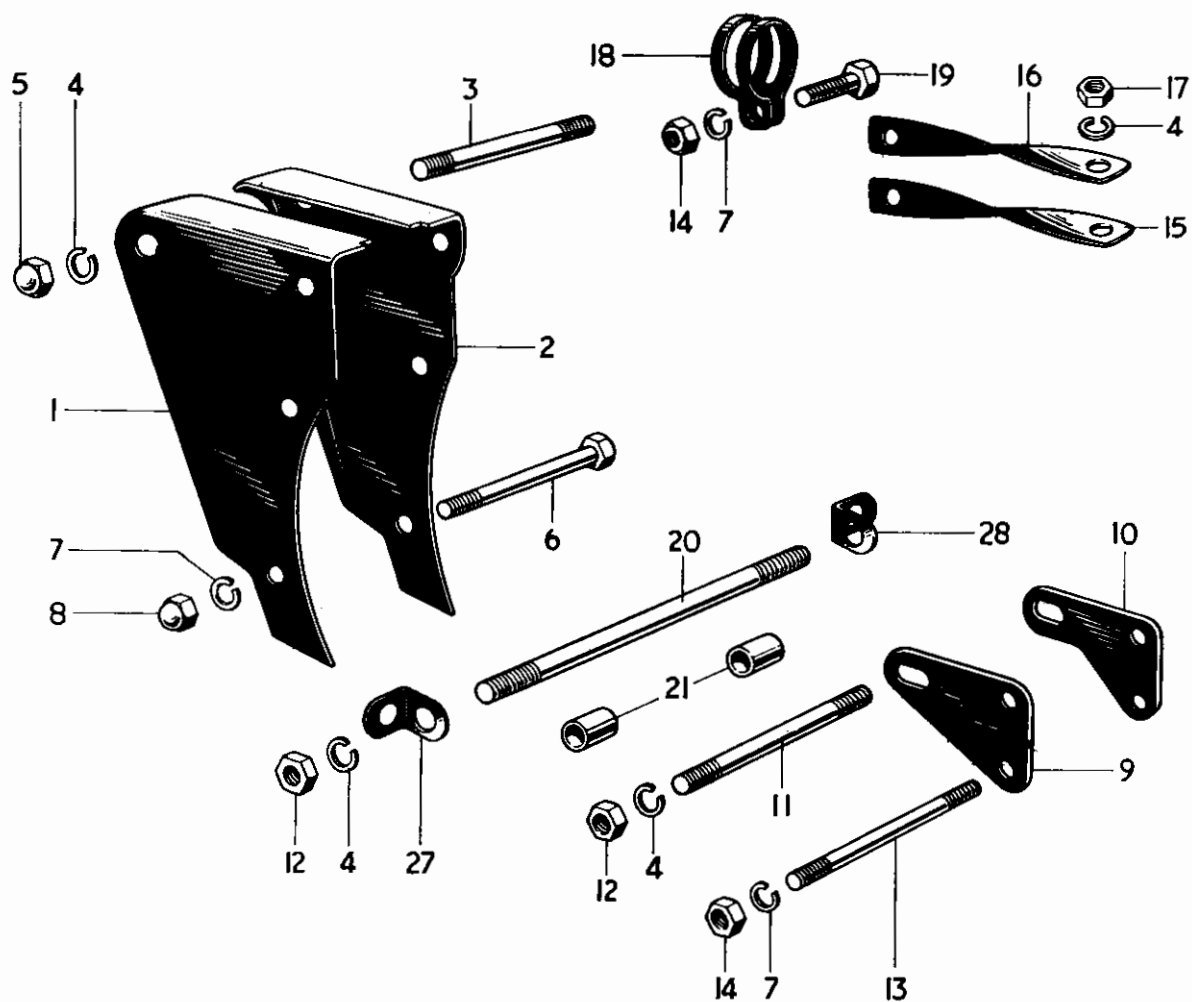


Fig. 10 ENGINE FITTINGS AND EXHAUST SYSTEM.

ENGINE FITTINGS AND EXHAUST SYSTEM

			3TA	5TA	T100A
1	F4275	Left front engine plate ...	1	1	1
2	F4276	Right front engine plate ...	1	1	1
3	F2825	Stud (3½ in. O.A.) ...	1	1	1
4	S26-1	Spring washer ...	8	8	8
5	E1435	Domed nut ...	2	2	2
6	E3937	Bolt (2½ in. U.H.) ...	3	3	3
7	S26-3	Spring washer ...	8	8	8
8	E3949	Domed nut ...	3	3	3
9	F4229	Left rear engine plate ...	1	1	1
10	F4230	Right rear engine plate ...	1	1	1
11	F3665	Stud (4½ in. O.A.) ...	1	1	1
12	PO172A	Nut ...	4	4	4
13	E3695	Stud (4½ in. O.A.) ...	2	2	2
14	S1-51	Nut ...	5	5	5
15	E3860	Left torque stay ...	1	1	1
16	E3861	Right torque stay ...	1	1	1
17	S1-52	Nut ...	2	2	2
18	E3862	Torque stay clip ...	1	1	1
19	DS58	Bolt (¾ in. U.H.) ...	1	1	1
20	E3812	Stud (7½ in. O.A.) ...	1	1	1
21	F4197	Distance piece ...	2	2	2
22	E3992	Left exhaust pipe ...	1	1	1
23	E3994	Right exhaust pipe ...	1	1	1
24	E1270	Finned clip ...	2	2	2
25	E410A	Hemispherical washer ...	2	2	2
26	E409	Bolt (1 ⅜ in. U.H.) ...	2	2	2
27	F4707	Left bracket ...	1	1	1
28	F4283	Right bracket ...	1	1	1
29	DS57	Bolt (⅞ in. U.H.) ...	2	2	2
30	E1612	Serrated washer ...	2	2	2
31	F879	Nut ...	2	2	2
32	E3935	Left silencer ...	1	1	-
32	E4157	Left silencer ...	-	-	1
33	E3936	Right silencer ...	1	1	-
33	E4158	Right silencer ...	-	-	1
34	E4155	Silencer mute ...	A	A	2
35	H689	Screw (½ in. U.H.) ...	A	A	2
36	H691	Nut ...	A	A	2
37	E2271	Clip ...	2	2	2
38	TE164E	Bolt (1 ⅜ in. U.H.) ...	2	2	2
39	TE164D	"D" washer ...	2	2	2
40	TE164C	"D" nut ...	2	2	2

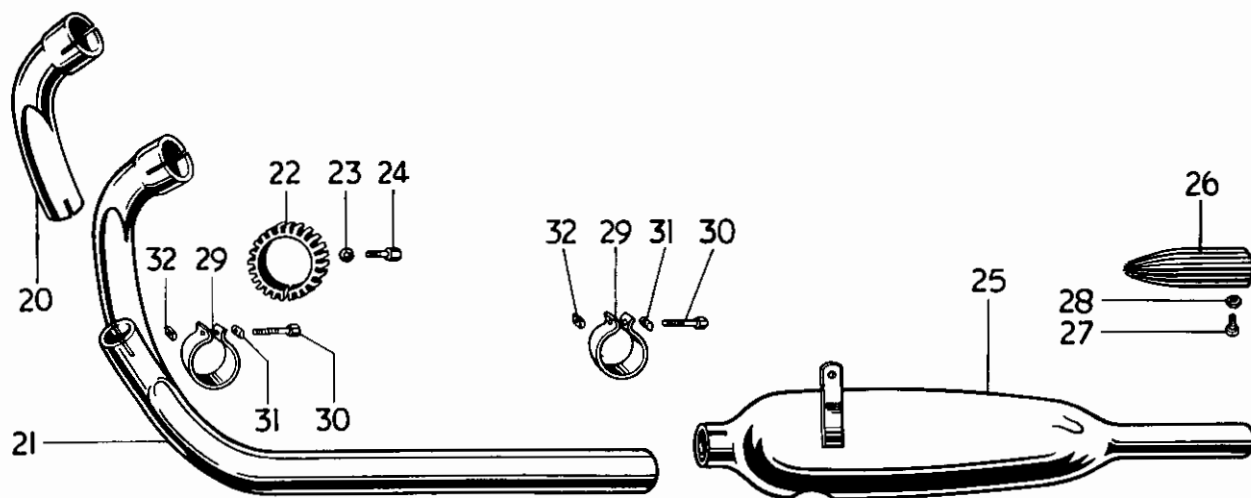
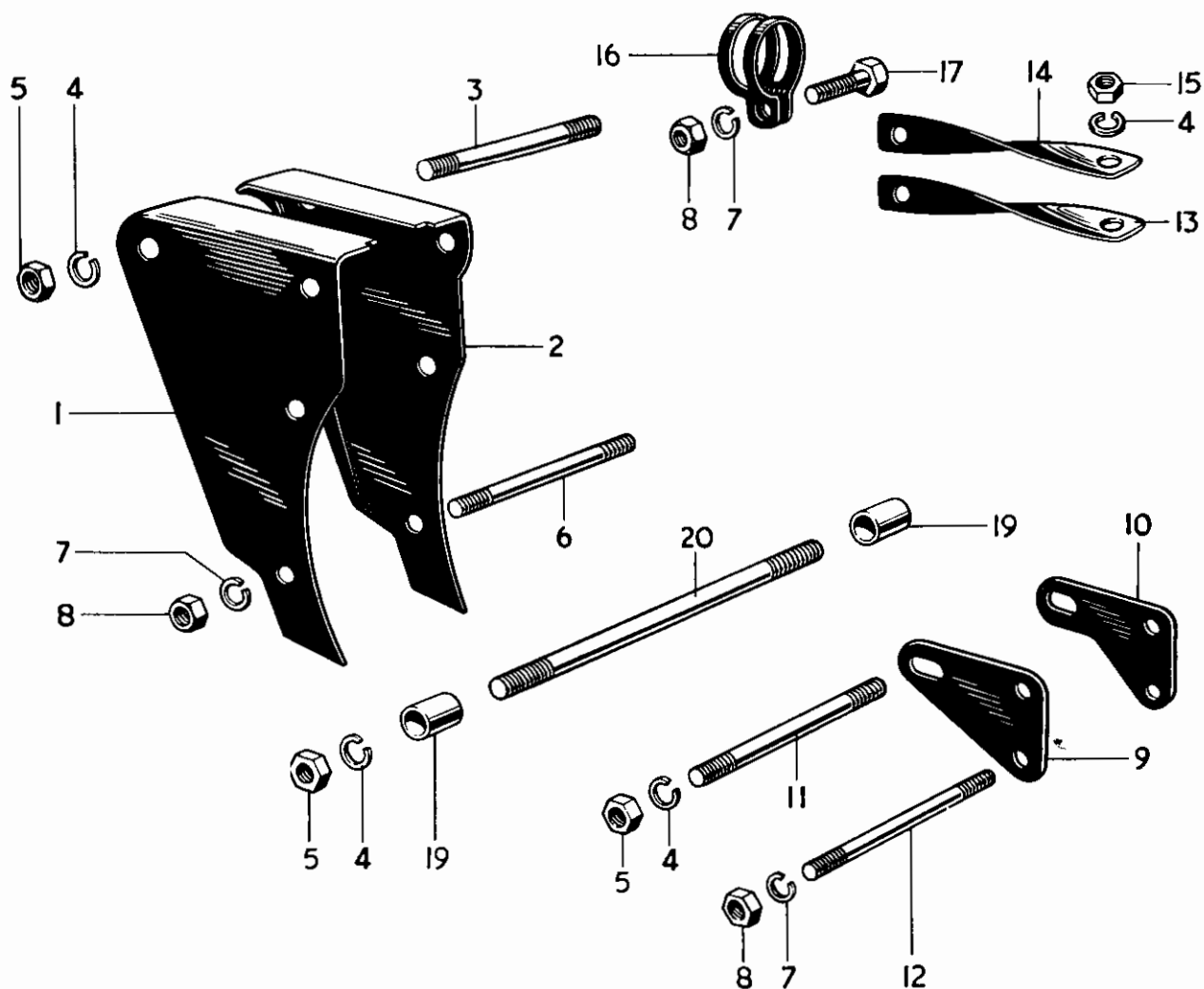


Fig. 11. ENGINE FITTINGS AND 2 INTO 1 EXHAUST SYSTEM

Ref. No.	Part No.	DESCRIPTION						QUANTITY			
ENGINE FITTINGS AND 2 INTO 1 EXHAUST SYSTEM											
							3TA	5TA	T100A	T100SS	
1	F4275	Left front engine plate...	...	...	...	...	1	1	1	1	
2	F4276	Right front engine plate	...	...	...	...	1	1	1	1	
3	F2825	Stud (3¼ in. O.A.)	...	...	...	...	1	1	1	1	
4	S26-1	Spring washer	...	...	...	...	8	8	8	8	
5	PO172A	Nut	...	...	...	...	6	6	6	6	
6	E3804	Stud (3 in. O.A.)	...	...	...	...	3	3	3	3	
7	S26-3	Spring washer	...	...	...	...	10	10	10	10	
8	S1-51	Nut	...	...	...	...	10	10	10	10	
9	F4229	Left rear engine plate	...	...	...	...	1	1	1	1	
10	F4230	Right rear engine plate	...	...	...	...	1	1	1	1	
11	F3665	Stud (4¼ in. O.A.)	...	...	...	...	1	1	1	1	
12	E3695	Stud (4⅞ in. O.A.)	...	...	...	...	2	2	2	2	
13	E3860	Left torque stay	...	...	...	...	1	1	1	1	
14	E3861	Right torque stay	...	...	...	...	1	1	1	1	
15	S1-52	Nut	...	...	...	...	2	2	2	2	
16	E3862	Torque stay clip	...	...	...	...	1	1	1	1	
17	DSS8	Bolt (¾ in. U.H.)	...	...	...	...	1	1	1	1	
18	E3812	Stud (7 ⅞ in. O.A.)	...	...	...	...	1	1	1	1	
19	F4197	Distance piece	...	...	...	...	2	2	2	2	
20	E4467	Left exhaust pipe	...	...	...	...	1	1	1	1	
21	E4468	Right exhaust pipe	...	...	...	...	1	1	1	1	
22	E1270	Finned clip	...	...	...	...	2	2	2	2	
23	E410A	Hemispherical washer	...	...	...	...	2	2	2	2	
24	E409	Bolt (1 ⅞ in. U.H.)	...	...	...	...	2	2	2	2	
25	E4415	Silencer	...	...	...	...	1	1	1	1	
26	E4155	Silencer mute	...	...	...	...	A	A	A	A	
27	H689	Screw (¼ in. U.H.)	...	...	...	...	A	A	A	A	
28	H691	Nut	...	...	...	...	A	A	A	A	
29	E2271	Clip	...	...	...	...	2	2	2	2	
30	TE164E	Bolt (½ in. U.H.)	...	...	...	...	2	2	2	2	
31	TE164D	"D" washer	...	...	...	...	2	2	2	2	
32	TE164C	"D" nut	...	...	...	...	2	2	2	2	

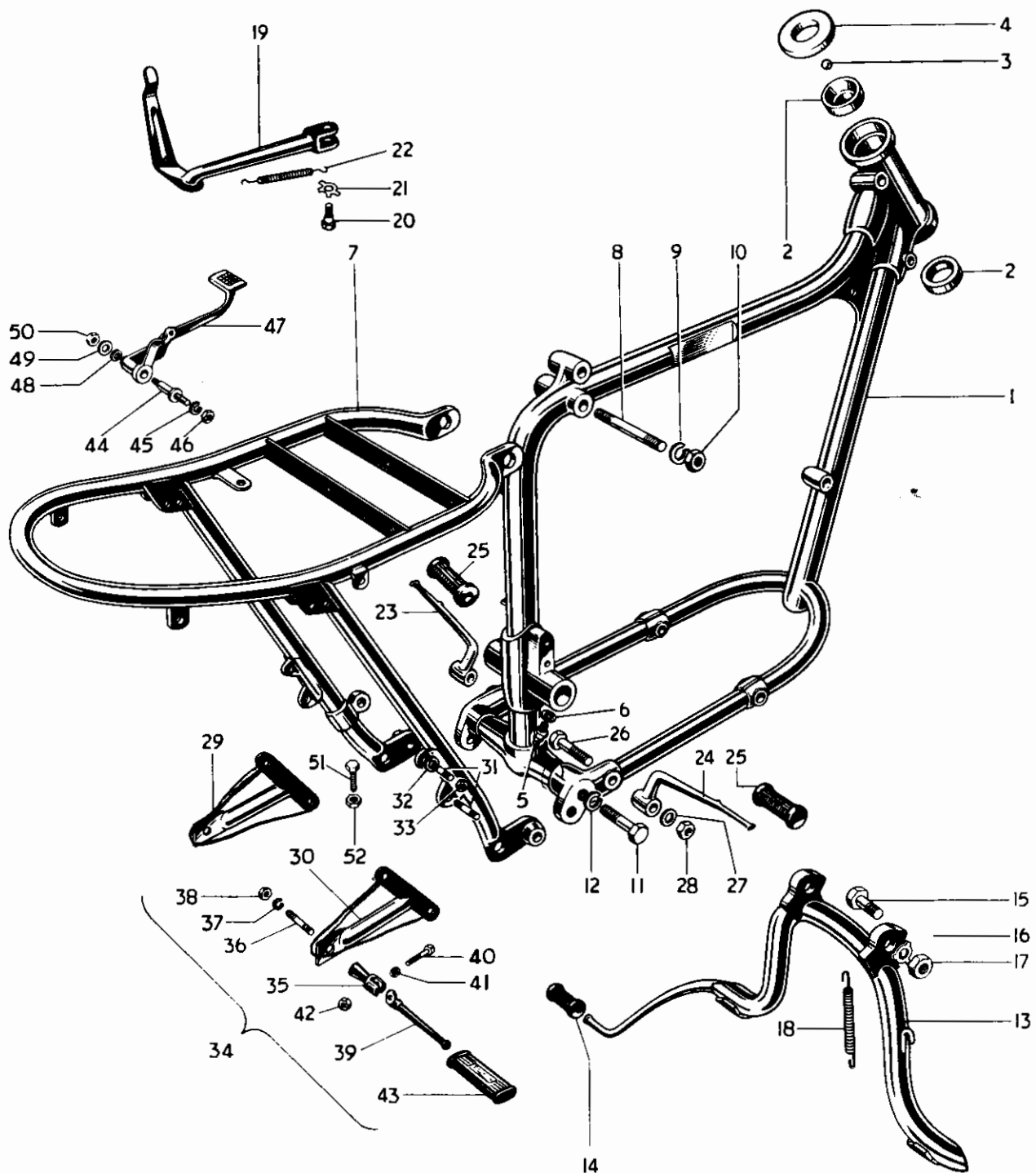


Fig. 12. FRAME

Ref. No.	Part No.	DESCRIPTION	QUANTITY
		FRAME	
			3TA 5TA T100A T100SS
1	F4849	Front frame	1 1 1 1
2	H1130	Steering race cup	2 2 2 2
3	S70-4	Steel ball ($\frac{1}{4}$ in. diam.)	48 48 48 48
4	H1140	Top cone and dust cover... ..	1 1 1 1
5	KW194	Grease nipple	1 1 1 1
6	WE170	Fibre washer	1 1 1 1
7	F4158	Rear frame	1 1 1 -
7	F5146	Rear frame	- - - 1
8	F2842	Stud ($3\frac{1}{8}$ in. O.A.)	1 1 1 1
9	S26-1	Spring washer	2 2 2 2
10	S1-52	Nut	2 2 2 2
11	F3780	Bolt ($1\frac{1}{8}$ in. U.H.)	2 2 2 2
12	PCW73A	Spring washer	2 2 2 2
13	F4402	Centre stand	1 1 1 -
13	F5153	Centre stand	- - - 1
14	T449	Pedal rubber	1 1 1 1
15	F3619	Pivot bolt ($1\frac{1}{8}$ in. U.H.)	2 2 2 2
16	F4484	Tab washer	2 2 2 2
17	F2725	Nut	2 2 2 2
18	F3617	Return spring	1 1 1 1
19	F4388	Prop stand	1 1 1 1
20	F3097	Pivot bolt	1 1 1 1
21	F3096	Tab washer	1 1 1 1
22	F2610	Return spring	1 1 1 1
23	F4214	Left footrest	1 1 1 1
24	F4215	Right footrest	1 1 1 1
25	NF704	Pedal rubber	2 2 2 2
26	F4369	Bolt ($2\frac{1}{8}$ in. U.H.)	2 2 2 2
27	F4370	Plain washer	2 2 2 2
28	DS47	Nut	2 2 2 2
29	F5087	Left pillion footrest support	1 1 1 1
30	F5088	Right pillion footrest support	1 1 1 1
31	E1396	Stud ($\frac{1}{2}$ in. O.A.)	4 4 4 4
32	S26-3	Spring washer	4 4 4 4
33	S1-51	Nut	4 4 4 4
34	F4327	PILLION FOOTREST	2 2 2 2
35	F2268	Footrest hanger	2 2 2 2
36	F4309	Stud ($1\frac{1}{8}$ in. O.A.)	2 2 2 2
37	S26-1	Spring washer	2 2 2 2
38	PO172A	Nut	2 2 2 2
39	F1694	Pedal	2 2 2 2
40	F2271	Pivot bolt	2 2 2 2
41	F2277	Spring washer	2 2 2 2
42	S1-51	Nut	2 2 2 2
43	F1695	Pedal rubber	2 2 2 2
44	F4284	Brake pedal spindle	1 1 1 1
45	SCZ45	Spring washer	1 1 1 1
46	DS48	Nut	1 1 1 1
47	F4314	Brake pedal	1 1 1 1
48	S26-16	Spring washer	1 1 1 1
49	S25-2	Plain washer	1 1 1 1
50	S1-52	Nut	1 1 1 1
51	F1149	Pedal stop screw ($\frac{1}{8}$ in. U.H.)	1 1 1 1
52	F879	Nut	1 1 1 1

For 3TA and 5TA steering stops see Page 69.

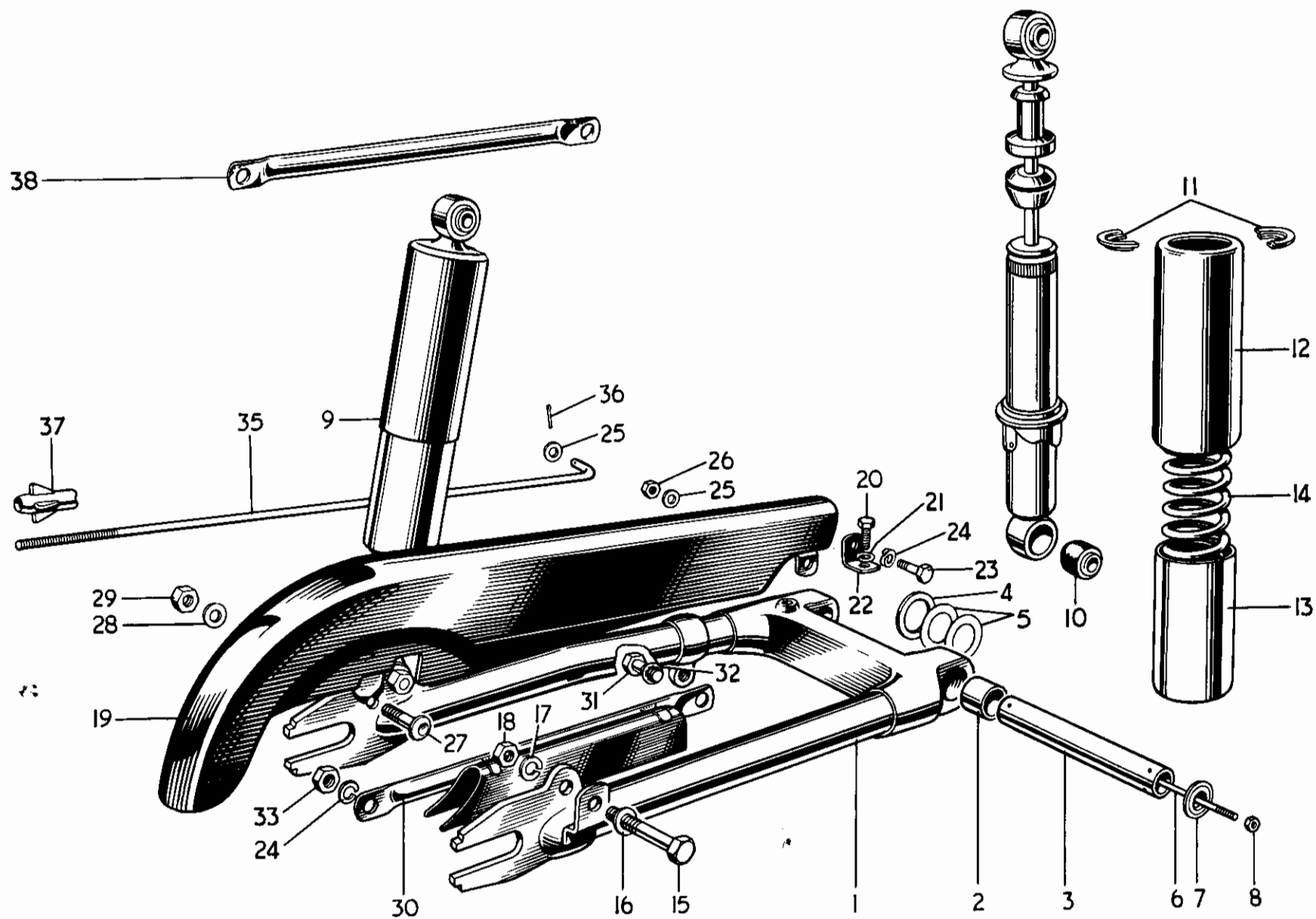


Fig. 13. SWINGING FORK, SUSPENSION UNITS AND CHAINGUARD.

Ref. No.	Part No.	DESCRIPTION	QUANTITY
SWINGING FORK, SUSPENSION UNITS & CHAINGUARD			
			3TA 5TA T100A T100SS
1	F4190	SWINGING FORK	1 1 1 1
2	F4076	Pivot bush	2 2 2 2
3	F4195	Spindle	1 1 1 1
4	F4078	Spacing washer	1 1 1 1
5	F4385	Shim 0.003 in.	as required
5	F4386	Shim 0.005 in.	as required
6	F3797	Retainer rod	1 1 1 1
7	F4196	Cap	2 2 2 2
8	F3799	Nut	2 2 2 2
9	64053946	SUSPENSION UNIT	2 - 2 2
9	64054200	SUSPENSION UNIT	- 2 - -
10	9054/316A	Bonded bush	4 4 4 4
11	9054/171	Spring retainer	4 4 4 4
12	9054/151	Outer dirt shield	2 2 2 2
13	9054/47	Inner dirt shield	2 2 2 2
14	64539963	Spring, 130 lbs. Red/Orange	2 2 2 2
14	9054/277	Spring, 110 lbs. Red/Red	A A A A
14	SA253/5	Spring, 145 lbs. Blue/Yellow	A A A A
15	E2113	Unit fixing bolt (1 $\frac{1}{8}$ in. U.H.)	4 4 4 4
16	F2184	Plain washer	2 2 2 2
17	S26-1	Spring washer	4 4 4 4
18	PO172A	Nut	4 4 4 4
19	F4198	Upper chainguard	1 1 1 1
20	DS57	Bolt ($\frac{7}{8}$ in. U.H.)	1 1 1 1
21	S26-2	Spring washer	1 1 1 1
22	F4134	Front bracket	1 1 1 1
23	F4135	Pivot bolt	1 1 1 1
24	F2277	Spring washer	1 1 1 1
25	S25-13	Plain washer	2 2 2 2
26	F879	Nut	1 1 1 1
27	F4136	Stepped bolt	1 1 1 1
28	S25-3	Plain washer	1 1 1 1
29	S1-51	Nut	1 1 1 1
30	F4199	Lower chainguard	1 1 1 -
31	W840	Bolt ($\frac{1}{2}$ in. U.H.)	1 1 1 1
32	E2288	Serrated washer	1 1 1 1
33	DS47	Nut	1 1 1 1
34	PCW73A	Spring washer	1 1 1 1
35	F3597	Brake operating rod	1 1 1 1
36	$\frac{1}{8}$ in. x $\frac{3}{8}$ in.	Split pin	1 1 1 1
37	F4585	Adjuster nut	1 1 1 1
38	F4201	Brake torque stay	- - - 1

ASSEMBLY REF. No. 1

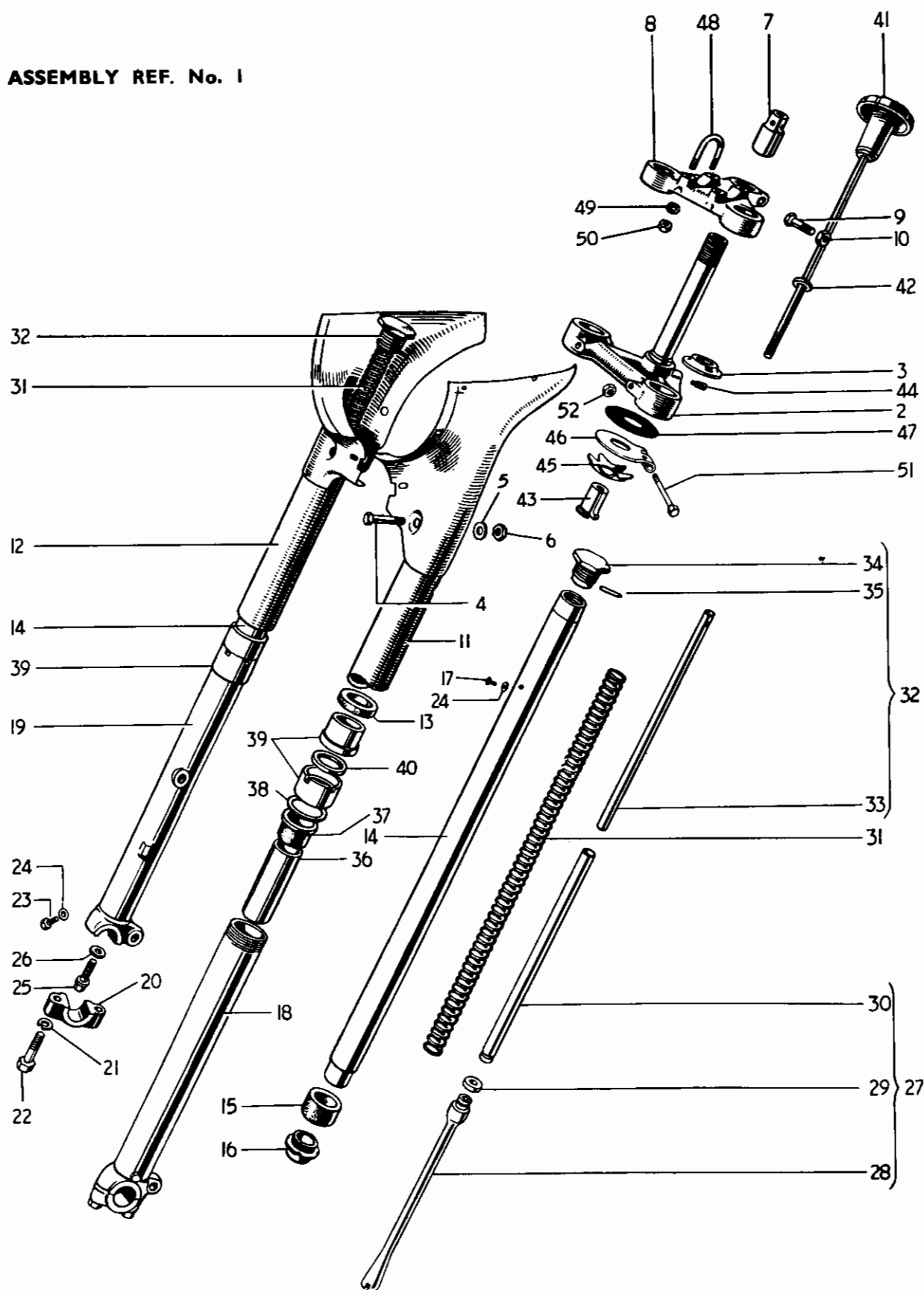


Fig. 14. TELESCOPIC FRONT FORK

TELESCOPIC FRONT FORK

			3TA	5TA	T100A
1	H1174	FORK ASSEMBLY	1	1	1
2	H1112	Middle lug and stem... ..	1	1	1
3	H1110	Bottom cone	1	1	1
4	H941	Pinch bolt (2½ in. U.H.)	2	2	2
5	S25-2	Plain washer	2	2	2
6	E2412	Nut	2	2	2
7	H1141	Fork stem sleeve nut	1	1	1
8	H1108	Top lug	1	1	1
9	F1760	Pinch bolt (1½ in. U.H.)	1	1	1
10	H379	Seated nut	1	1	1
11	H1145	Left nacelle cover	1	1	1
12	H1146	Right nacelle cover	1	1	1
13	H420	Sponge rubber washer	2	2	2
14	H1123	STANCHION c/w BEARING	2	2	2
15	H443	Lower bearing	2	2	2
16	H1058	Bearing nut	2	2	2
17	H519A	Oil filler plug (¾ in. U.H.)	2	2	2
18	H1117	LEFT BOTTOM MEMBER c/w CAP	1	1	1
19	H1118	RIGHT BOTTOM MEMBER c/w CAP	1	1	1
20	H1053	Spindle cap	2	2	2
21	S26-3	Spring washer	4	4	4
22	H1070	Cap bolt (1 ⅞ in. U.H.)	4	4	4
23	H1071	Drain plug	2	2	2
24	H430	Fibre washer	4	4	4
25	H1063	Flanged bolt (⅜ in. U.H.)	2	2	2
26	H1062	Aluminium washer	2	2	2
27	H1124	RESTRICTOR ROD ASSEMBLY	2	2	2
28	H1061	Restrictor rod	2	2	2
29	H1060	Plain washer	2	2	2
30	H1125	Guide tube	2	2	2
31	H1127	Main spring. Yellow	2	2	2
32	H1064	CAP NUT ASSEMBLY	2	2	2
33	H1051	Guide tube	2	2	2
34	H1065	Cap nut	2	2	2
35	H1066	Pin	2	2	2
36	H1126	Damping sleeve	2	2	2
37	H441	Top bearing	2	2	2
38	H431	Plain washer	2	2	2
39	H1194	DUST EXCLUDER SLEEVE NUT	2	2	2
40	H1168	Oil seal	2	2	2
41	H1142	Steering damper knob c/w rod	1	1	1
42	H565	Plain washer	1	1	1
43	H408	Adjuster sleeve	1	1	1
44	H409	Locating pin	1	1	1
45	H95	Spring plate	1	1	1
46	H1111	Anchor plate	1	1	1
47	H435	Friction disc	1	1	1
48	H660	Handlebar "U" bolt	2	2	2
49	S25-3	Plain washer	4	4	4
50	E1310	Nut	4	4	4
51	F3468	Bolt (2 ⅞ in. U.H.)	1	1	1
52	S1-51	Nut	1	1	1

For 3TA and 5TA steering stops see Page 69.

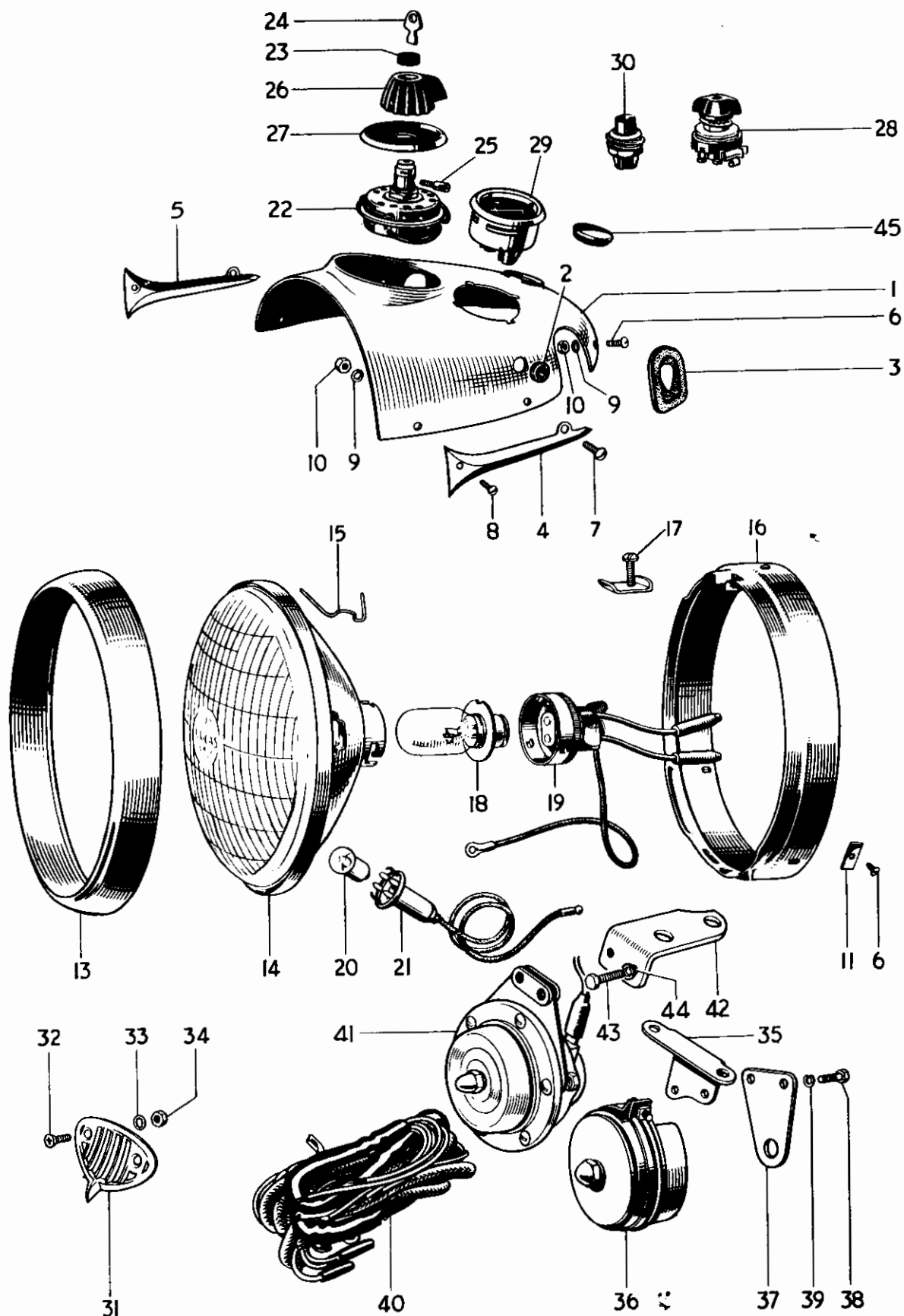


Fig. 15. NACELLE, HEADLAMP AND SWITCHES

NACELLE, HEADLAMP AND SWITCHES

			3TA	5TA	T100A
1	H1144	Nacelle top	1	1	—
1	†H1298	Nacelle top	—	—	1
2	H961	Rubber grommet	3	3	3
3	H669	Rubber grommet	2	2	2
4	H877	Left motif	1	1	1
5	H878	Right motif	1	1	1
6	H689	Screw ($\frac{1}{4}$ in. U.H.)	4	4	4
7	H687	Screw ($\frac{3}{8}$ in. U.H.)	2	2	2
8	H688	Screw ($\frac{7}{8}$ in. U.H.)	2	2	2
9	E2880	Serrated washer	4	4	4
10	H691	Nut	4	4	4
11	H690	Nut	2	2	2
12	51860	HEADLAMP	1	1	1
13	553248	Rim	1	1	1
14	516812	Light unit	1	1	1
15	504665	Fixing wire	6	6	6
16	553267	Fixing ring	1	1	1
17	534296	Screw and plate	1	1	1
18	373	Bulb (30/24 W. L.H. Dipping. Pre-focus)	1	1	1
19	554602	Adaptor	1	1	1
20	988	Bulb (3W. M.C.C.)	1	1	1
21	554710	Pilot bulbholder	1	1	1
22	31443	LIGHTING AND IGNITION SWITCH. P.R.S.8	1	1	—
23	318323	Grommet	1	1	—
24	318341	Key	1	1	—
25	319333	Screw	1	1	—
26	318346	Knob	1	1	—
27	318343	Index plate	1	1	—
28	†31784	Lighting switch S.A. 41	—	—	1
29	36189	Ammeter, B.M.4	1	1	1
30	31071	Cut-out button, S.S.S	1	1	1
31	H992	Horn grille	1	1	1
32	H993	Screw (0.540 in. U.H.)	2	2	2
33	GS299	Serrated washer	2	2	2
34	F3799	Nut	2	2	2
35	*H1172	Horn bracket	1	1	1
36	*70048	Horn (Type HF1441)	1	1	1
37	*701851	Fixing plate	2	2	2
38	*142689	Screw	2	2	2
39	*185051	Spring washer	2	2	2
40	54094333	Wiring harness	1	1	—
40	†54094161	Wiring harness	—	—	1

†After engine No. H22430 for T100A use 5TA electrical equipment.

*After engine No. H25252 use the following:—

41	70163	Horn Type 8H	1	1	—
42	H1420	Horn bracket	1	1	—
43	F4771	Bolt ($\frac{1}{2}$ in. U.H.)	2	2	—
44	GS299	Serrated washer	2	2	—
45	H1421	Rubber grommet	1	1	—

FORK ASSEMBLY REF. N° 1

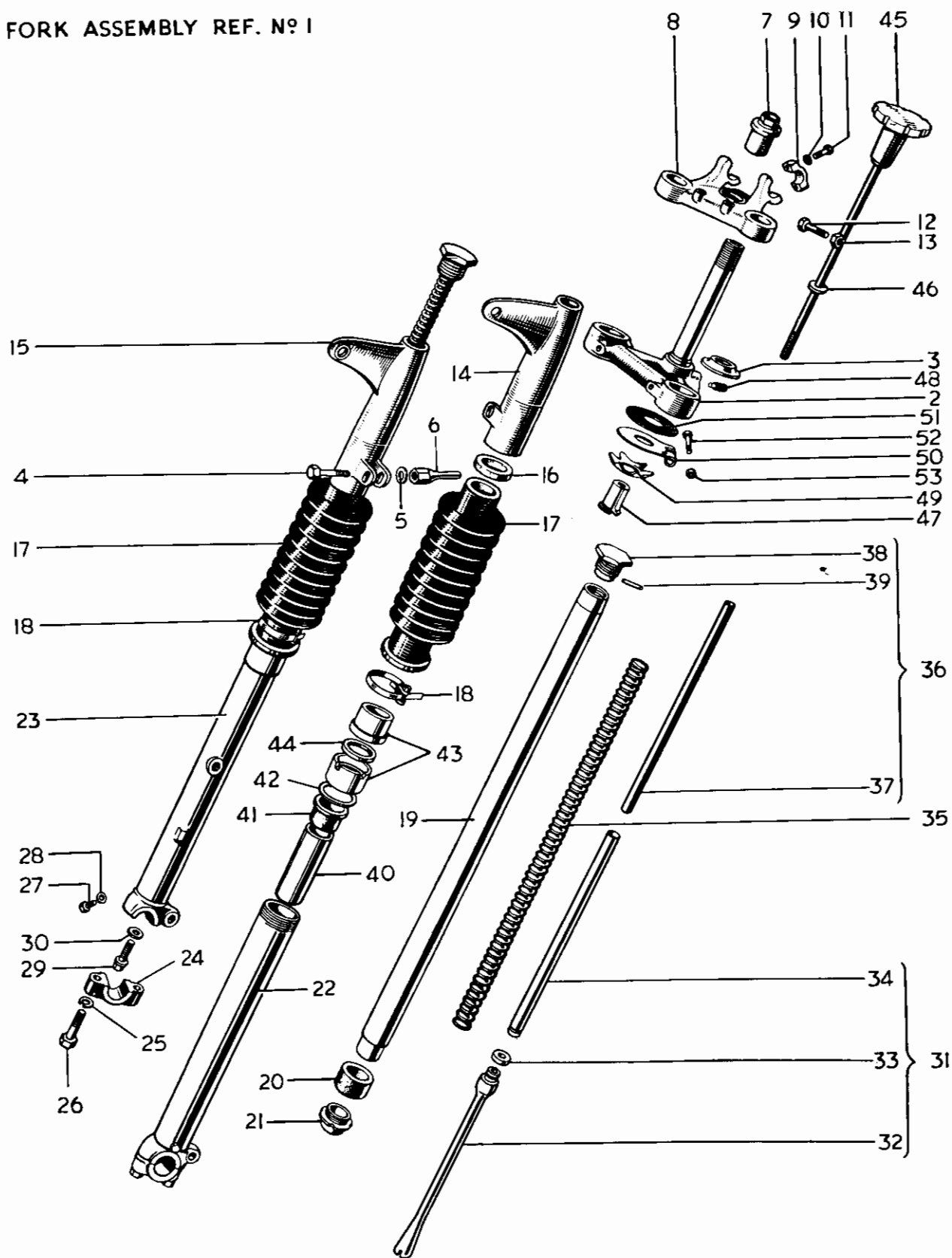


Fig. 16 TELESCOPIC FRONT FORK T100S³

TELESCOPIC FRONT FORK

T100SS

1	H1337	FORK ASSEMBLY	1
2	H1328	Middle lug and stem...	1
3	H1110	Bottom cone ...	1
4	H941	Pinch bolt (2½ in. U.H.)	2
5	S25-2	Plain washer	2
6	H1335	Nut (2½ in. O.A.) used with 3½ gallon tank	2
6	H1329	Nut (1 ⅞ in. O.A.) used with 2½ gallon tank	A
7	H405	Fork stem sleeve nut	1
8	H1287	TOP LUG c/w CAPS	1
9	H506	Handlebar cap ...	2
10	S25-3	Plain washer	4
11	H1340	Bolt (1 ⅞ in. U.H.)	4
12	F1760	Pinch bolt (1 ⅞ in. U.H.)	1
13	H379	Seated nut ...	1
14	H963	Left cover ...	1
15	H964	Right cover ...	1
16	H420	Sponge rubber washer	2
17	H962	Telescopic gaiter ...	2
18	D340	Clip ...	2
19	H1299	STANCHION c/w BEARING	2
20	H443	Lower bearing ...	2
21	H1058	Bearing nut ...	2
22	H1117	LEFT BOTTOM MEMBER c/w CAP	1
23	H1118	RIGHT BOTTOM MEMBER c/w CAP	2
24	H1053	Spindle cap ...	2
25	S26-3	Spring washer	4
26	H1070	Bolt (1 ⅞ in. U.H.)	4
27	H1071	Drain plug ...	2
28	H430	Fibre washer ...	2
29	H1063	Flanged bolt (¾ in. U.H.)	2
30	H1062	Aluminium washer ...	2
31	H1124	RESTRICTOR ROD ASSEMBLY	2
32	H1061	Restrictor rod ...	2
33	H1060	Plain washer ...	2
34	H1125	Guide tube ...	2
35	H1300	Main spring (Black/White)	2
36	H1064A	CAP NUT ASSEMBLY	2
37	H1051	Guide tube ...	2
38	H1065A	Cap nut ...	2
39	H1066	Pin ...	2
40	H1126	Damping sleeve ...	2
41	H441	Top bearing ...	2
42	H431	Plain washer ...	2
43	H1194	DUST EXCLUDER SLEEVE NUT	2
44	H1168	Oil seal ...	2
45	H1142	Steering damper rod	1
46	H565	Plain washer	1
47	H408	Adjuster sleeve	1
48	H1286	Locating pin ...	1
49	H95	Spring plate ...	1
50	H1111A	Anchor plate ...	1
51	H435	Friction disc ...	1
52	F3468	Bolt (2½ in. U.H.)	1
53	S1-51	Nut ...	1

ASSEMBLY REF. No. 1

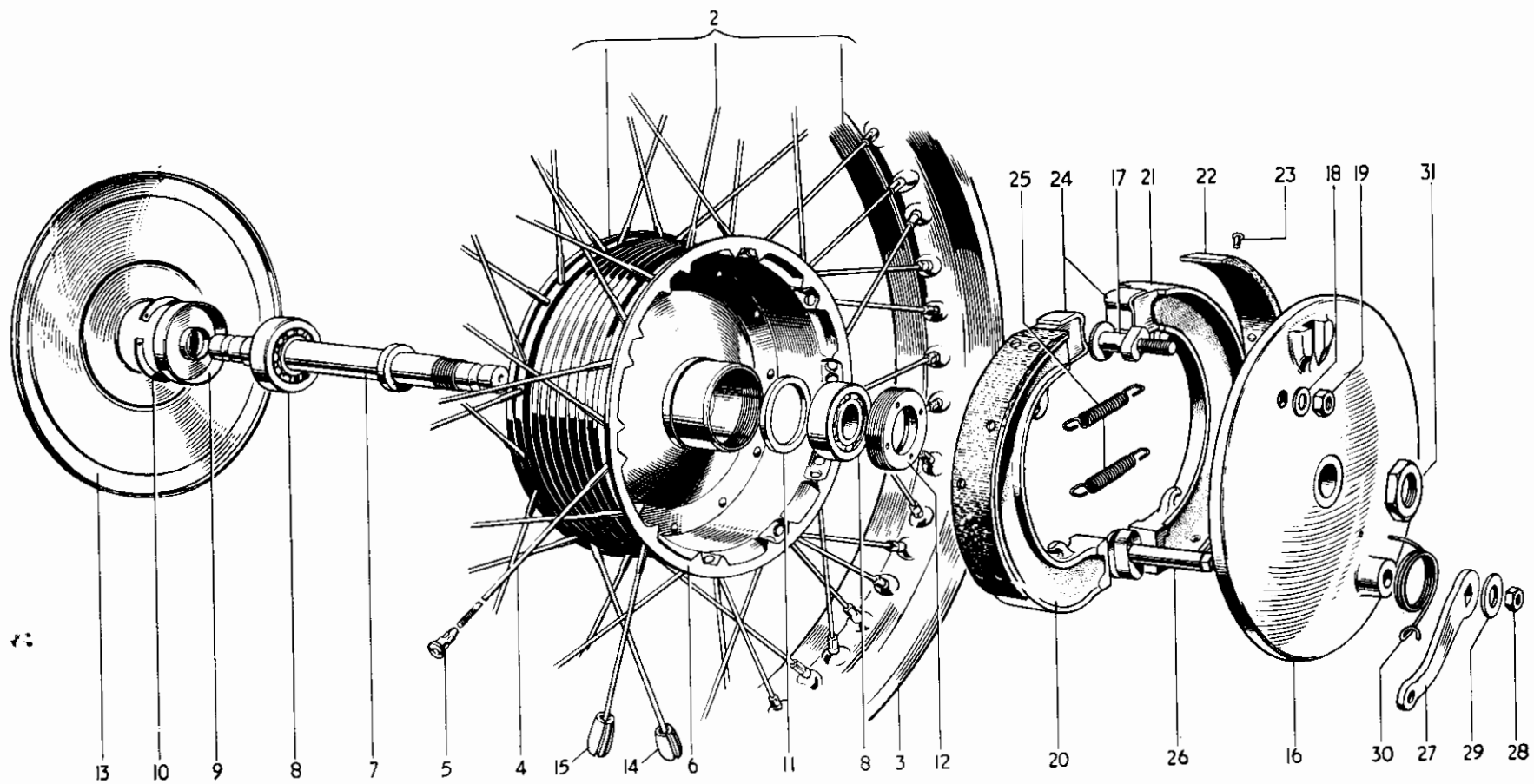


Fig. 17. FRONT WHEEL

Ref No.	Part No.	DESCRIPTION	QUANTITY			
		FRONT WHEEL				
			3TA	5TA	T100A	T100SS
1	W1311	FRONT WHEEL COMPLETE	1	1	1	-
1	W1333	FRONT WHEEL COMPLETE	-	-	-	1
2	W1273	RIM, SPOKES AND HUB ASSEMBLY	1	1	1	-
2	W1229	RIM, SPOKES AND HUB ASSEMBLY	-	-	-	1
3	W1274	Front wheel rim WM2-17	1	1	1	-
3	W1230	Front wheel rim WM2-19	-	-	-	1
4	W1275	Spoke (8/10G x 5 $\frac{1}{8}$ in. straight) c/w nipple	40	40	40	-
4	W1236	Spoke (8/10G x 6 in. straight) c/w nipple	-	-	-	40
5	S79-2	Spoke nipple	40	40	40	40
6	W1231	Hub and brake drum	1	1	1	1
7	W1239	Wheel spindle	1	1	1	1
8	W653	Bearing	2	2	2	2
9	W1237	Dust cover	1	1	1	1
10	T280	Circlip	1	1	1	1
11	W1238	Backing ring	1	1	1	1
12	W582	Retaining ring	1	1	1	1
13	W1334	Cover plate	1	1	1	1
14	W1197	Balance weight $\frac{1}{2}$ oz.		as required		
15	W1198	Balance weight 1 oz.		as required		
16	W1301	Brake anchor plate	1	1	1	1
17	W1302	Fulcrum pin	1	1	1	1
18	S25-2	Plain washer	1	1	1	1
19	S1-52	Nut	1	1	1	1
20	W1406	LEADING BRAKE SHOE C/W LINING	1	1	1	1
21	W1407	TRAILING BRAKE SHOE C/W LINING	1	1	1	1
22	NW243	Brake lining	2	2	2	2
23	W129	Brass rivet	16	16	16	16
24	W1415	Thrust pad	2	2	2	2
25	W135	Shoe return spring	2	2	2	2
26	W1243	Brake cam	1	1	1	1
27	W1298X	Brake cam lever	1	1	1	1
28	S1-52	Nut	1	1	1	1
29	S25-6	Plain washer	1	1	1	1
30	W592	Lever return spring	1	1	1	1
31	W1246	Anchor plate nut	1	1	1	1

ASSEMBLY REF. No. 1

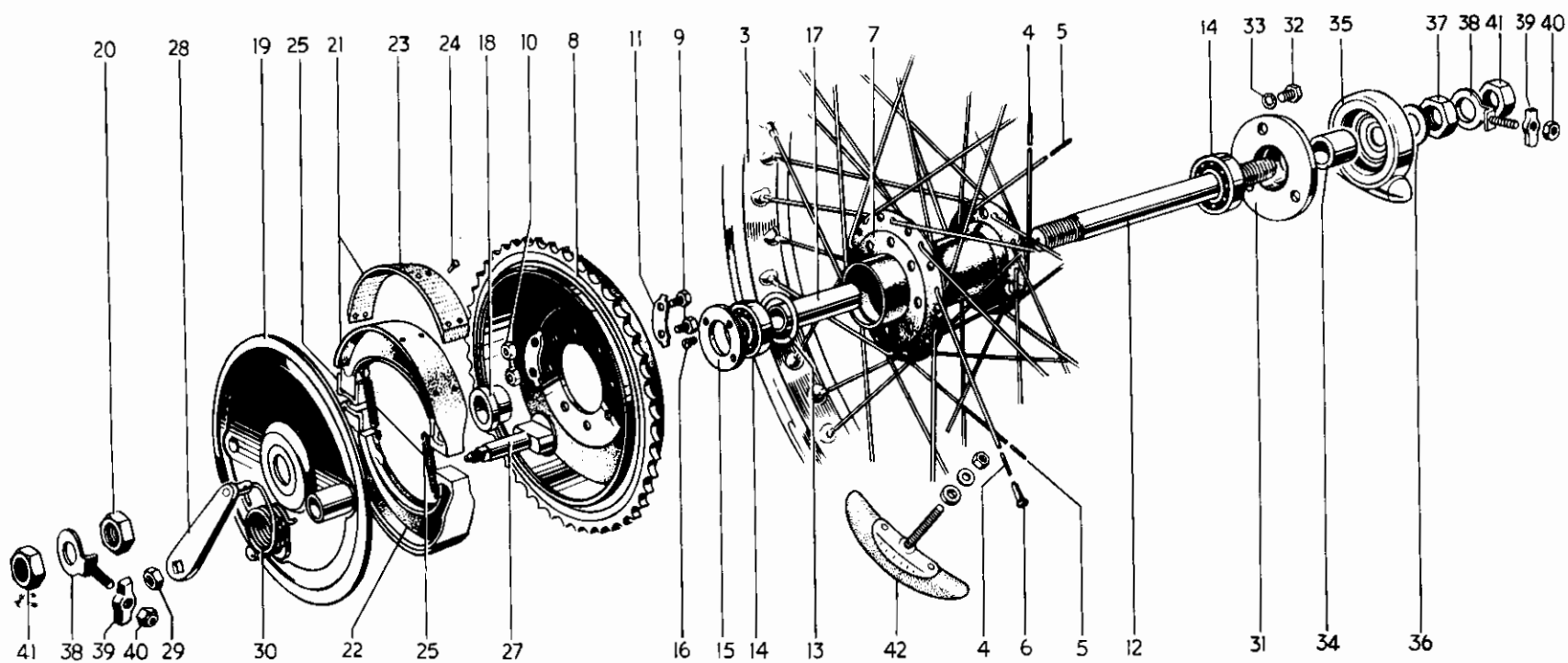


Fig. 18. REAR WHEEL

Ref. No.	Part No.	DESCRIPTION	QUANTITY			
		REAR WHEEL				
			3TA	5TA	T100A	T100SS
1	W1433	REAR WHEEL COMPLETE	1	1	1	-
1	W1417	REAR WHEEL COMPLETE	-	-	-	1
2	W1434	RIM, SPOKES AND HUB ASSEMBLY	1	1	1	-
2	W1416	RIM, SPOKES AND HUB ASSEMBLY	-	-	-	1
3	W1435	Rear wheel rim WM2-17	1	1	1	-
3	W1007	Rear wheel rim WM3-18	-	-	-	1
4	W1270	Spoke (8/10G x 7 $\frac{1}{8}$ in. 110°) c/w nipple	20	20	20	-
4	W1107	Spoke (8/10G x 7 $\frac{7}{8}$ in. 90°) c/w nipple	-	-	-	20
5	W1271	Spoke (8/10G x 7 $\frac{1}{8}$ in. 90°) c/w nipple	20	20	20	-
5	W1107	Spoke (8 10G x 7 $\frac{7}{8}$ in. 90°) c/w nipple	-	-	-	20
6	S79-2	Spoke nipple	40	40	40	40
7	W1266	Hub	1	1	1	1
8	W1276	Sprocket and brake drum 43T	1	1	1	1
9	W62	Sprocket to hub bolt ($\frac{1}{8}$ in. U.H.)	8	8	8	8
10	S1-51	Nut	8	8	8	8
11	W63	Locking plate	8	8	8	8
12	W1281	Wheel spindle	1	1	1	1
13	W1022	Backing ring	1	1	1	1
14	W653	Bearing	1	1	1	1
15	W1021	RETAINING RING	1	1	1	1
16	W1079	Locking screw ($\frac{7}{8}$ in. U.H.)	1	1	1	1
17	W1278	Distance tube	1	1	1	1
18	W1024	Distance piece	1	1	1	1
19	W1112	Brake anchor plate	1	1	1	1
20	W1282	Nut	1	1	1	1
21	W1406	LEADING BRAKE SHOE C/W LINING	1	1	1	1
22	W1407	TRAILING BRAKE SHOE C/W LINING	1	1	1	1
23	NW243	Brake lining	2	2	2	2
24	W129	Brass rivet	16	16	16	16
25	W1415	Thrust pad	2	2	2	2
26	W135	Shoe return spring	2	2	2	2
27	W1083	Brake cam	1	1	1	1
28	W1316	Brake cam lever	1	1	1	1
29	S1-52	Nut	1	1	1	1
30	W1090	Lever return spring	1	1	1	1
31	W1277	Speedometer adaptor	1	1	1	1
32	DS57	Bolt ($\frac{7}{8}$ in. U.H.)	3	3	3	3
33	E1612	Serrated washer	3	3	3	3
34	W1279	Distance piece	1	1	1	1
35	D373	Speedometer gearbox	1	1	1	1
36	W1280	Plain washer	1	1	1	1
37	F1747	Nut	1	1	1	1
38	W1134	Chain adjuster	2	2	2	2
39	W1015	Adjuster end plate	2	2	2	2
40	W1058	Self-locking nut	2	2	2	2
41	F1747	Spindle nut	2	2	2	2
42	WM3	Tyre security bolt	-	-	-	1

ASSEMBLY REF No. 1

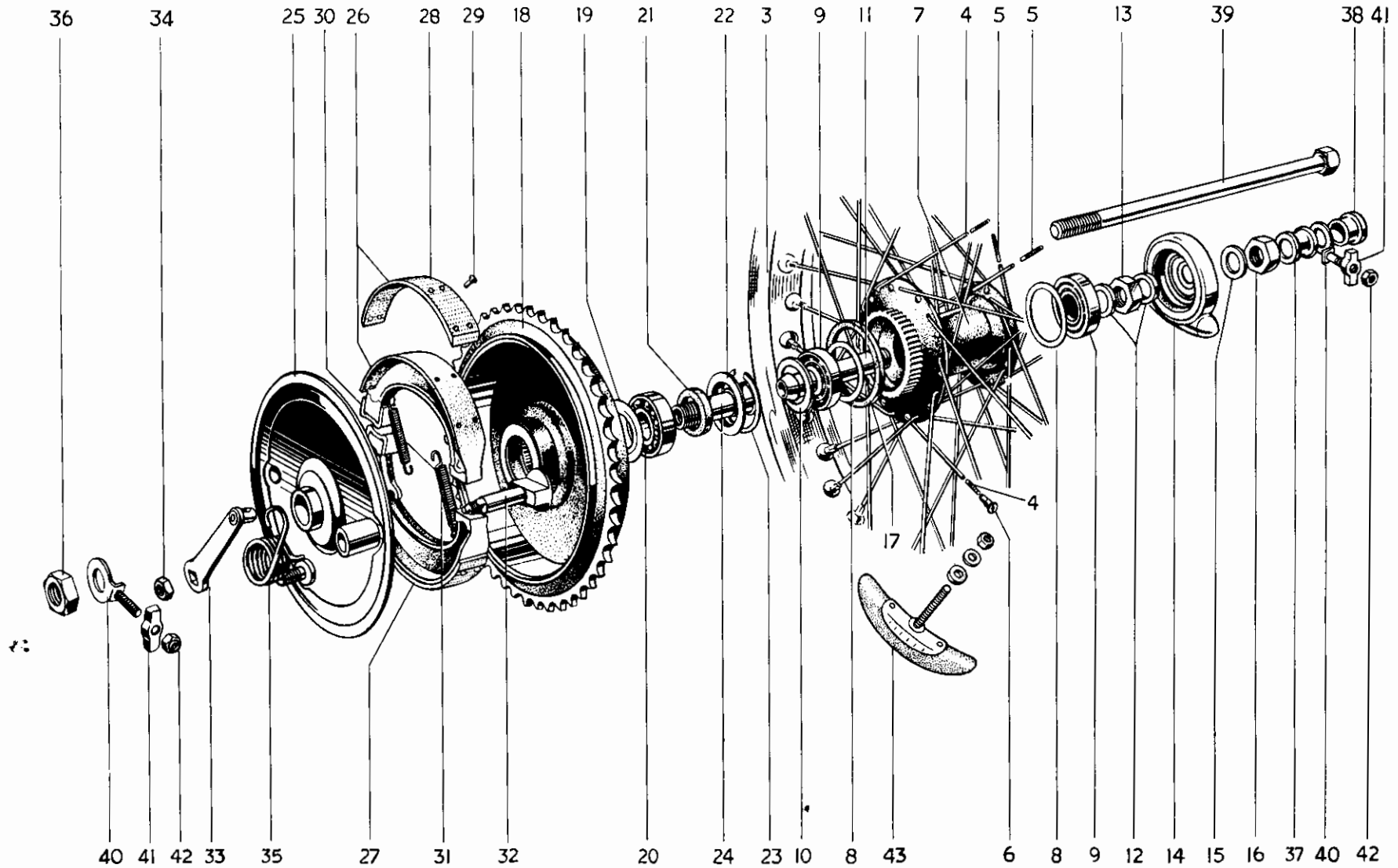


Fig. 17. QUICKLY DETACHABLE REAR WHEEL.

Ref. No.	Part No.	DESCRIPTION	QUANTITY
QUICKLY DETACHABLE REAR WHEEL			
			3TA 5TA T100A T100SS
1	W1436	Q.D. REAR WHEEL COMPLETE	1 1 1 -
1	W1429	Q.D. REAR WHEEL COMPLETE	- - - 1
2	W1437	RIM, SPOKES AND HUB ASSEMBLY	1 1 1 -
2	W1427	RIM, SPOKES AND HUB ASSEMBLY	1 - - 1
3	W1435	Rear wheel rim WM2-17	1 1 1 -
3	W1007	Rear wheel rim WM3-18	- - - 1
4	W1271	Spoke (8/10G x 7 $\frac{1}{8}$ in. 90°) c/w nipple	20 20 20 -
4	W1107	Spoke (8/10G x 7 $\frac{7}{8}$ in. 90°) c/w nipple	- - - 20
5	W1377	Spoke (8/10G x 7 $\frac{1}{8}$ in. 90°) c/w nipple	20 20 20 -
5	W1108	Spoke (8/10G x 7 $\frac{7}{8}$ in. 90°) c/w nipple	- - - 20
6	S79-2	Spoke nipple	40 40 40 40
7	W1388	Hub	1 1 1 1
8	W1033	Backing ring	2 2 2 2
9	W1034	Taper roller bearing complete	2 2 2 2
10	W1035	Dust cap	1 1 1 1
11	W1390	Bearing sleeve	1 1 1 1
12	W1391	Distance piece	2 2 2 2
13	F1747	Nut	1 1 1 1
14	D373	Speedometer gearbox	1 1 1 1
15	W1280	Plain washer	1 1 1 1
16	E398	Nut	1 1 1 1
17	W1091	Rubber sealing ring	1 1 1 1
18	W1376	Sprocket and brake drum 43T	1 1 1 1
19	W1143	Grease retainer	1 1 1 1
20	W1041	Bearing	1 1 1 1
21	W1042	Felt washer	1 1 1 1
22	W1043	Bearing and felt retainer	1 1 1 1
23	W1044	Circlip	1 1 1 1
24	W1393	Bearing sleeve	1 1 1 1
25	W1395	Brake anchor plate	1 1 1 1
26	W1406	LEADING BRAKE SHOE C/W LINING	1 1 1 1
27	W1407	TRAILING BRAKE SHOE C/W LINING	1 1 1 1
28	NW243	Brake lining	2 2 2 2
29	W129	Brass rivet	16 16 16 16
30	W1415	Thrust pad	2 2 2 2
31	W135	Shoe return spring	2 2 2 2
32	W1083	Brake cam	1 1 1 1
33	W1316	Brake cam lever	1 1 1 1
34	S1-52	Nut	1 1 1 1
35	W1090	Lever return spring	1 1 1 1
36	W1052	Nut	1 1 1 1
37	W1392	Inner distance piece	1 1 1 1
38	W1170	Outer distance piece	1 1 1 1
39	W1055	Spindle	1 1 1 1
40	W1135	Chain adjuster	2 2 2 2
41	W1015	Adjuster end plate	2 2 2 2
42	W1058	Self-locking nut	2 2 2 2
43	WM3	Tyre security bolt	- - - 1

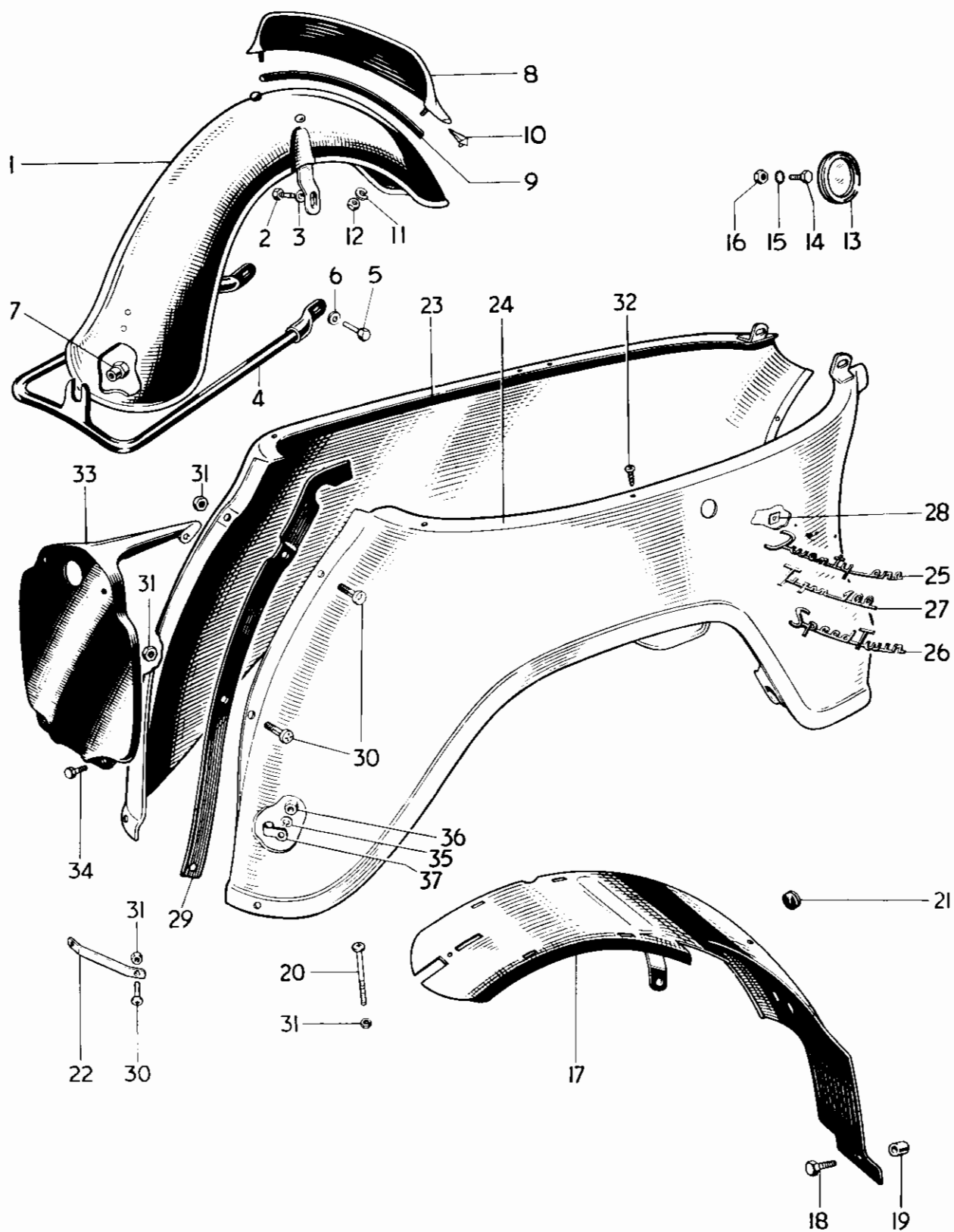


Fig. 20. MUDGUARDS AND REAR PANELS.

Ref. No.	Part No.	DESCRIPTION	QUANTITY		
MUDGUARDS AND REAR PANELS			3TA	5TA	T100A
1	H1097	Front mudguard ...	1	1	1
2	F929	Bolt ($\frac{1}{2}$ in. U.H.) ...	2	2	2
3	F4299	Plain washer ...	2	2	2
4	H1100	Bottom stay ...	1	1	1
5	W62	Bolt ($\frac{1}{4}$ in. U.H.) ...	2	2	2
6	S25-2	Plain washer ...	2	2	2
7	NS362	Spigot nut ...	1	1	1
8	F2698	Number plate ...	1	1	1
9	H251	Beading ...	1	1	1
10	F4332	Packing piece ...	1	1	1
11	S26-2	Spring washer ...	2	2	2
12	F879	Nut ...	2	2	2
13	D261	Licence holder ...	1	1	1
14	DS57	Bolt ...	1	1	1
15	E1612	Serrated washer ...	1	1	1
16	F879	Nut ...	1	1	1
17	F4297	Rear mudguard ...	1	1	1
18	F1369	Bolt ($\frac{3}{8}$ in. U.H.) ...	1	1	1
19	H1015	Distance piece ...	1	1	1
20	F4716	Screw ($1\frac{1}{8}$ in. U.H.) ...	1	1	1
21	F3327	Blind grommet ...	1	1	1
22	F4897	Backing strip ...	1	1	1
23	F4768	Left panel ...	1	1	1
24	F4769	Right panel ...	1	1	1
25	F4312	Motif "Twentyone" ...	2	-	-
26	F4523	Motif "Speed Twin" ...	-	2	-
27	F4524	Motif "Tiger 100" ...	-	-	2
28	F4317	Spire nut ...	6	6	6
29	F4249	Joint beading ...	2	2	2
30	F4715	Screw ($\frac{1}{2}$ in. U.H.) ...	6	6	6
31	F4717	Nut ...	7	7	7
32	F4483	Self-tapping screw ...	4	4	4
33	F4686	Number plate ...	1	1	1
34	F1369	Bolt ($\frac{3}{8}$ in. U.H.) ...	2	2	2
35	S26-2	Spring washer ...	2	2	2
36	F879	Nut ...	2	2	2
37	F3098	Vent pipe clip ...	1	1	1

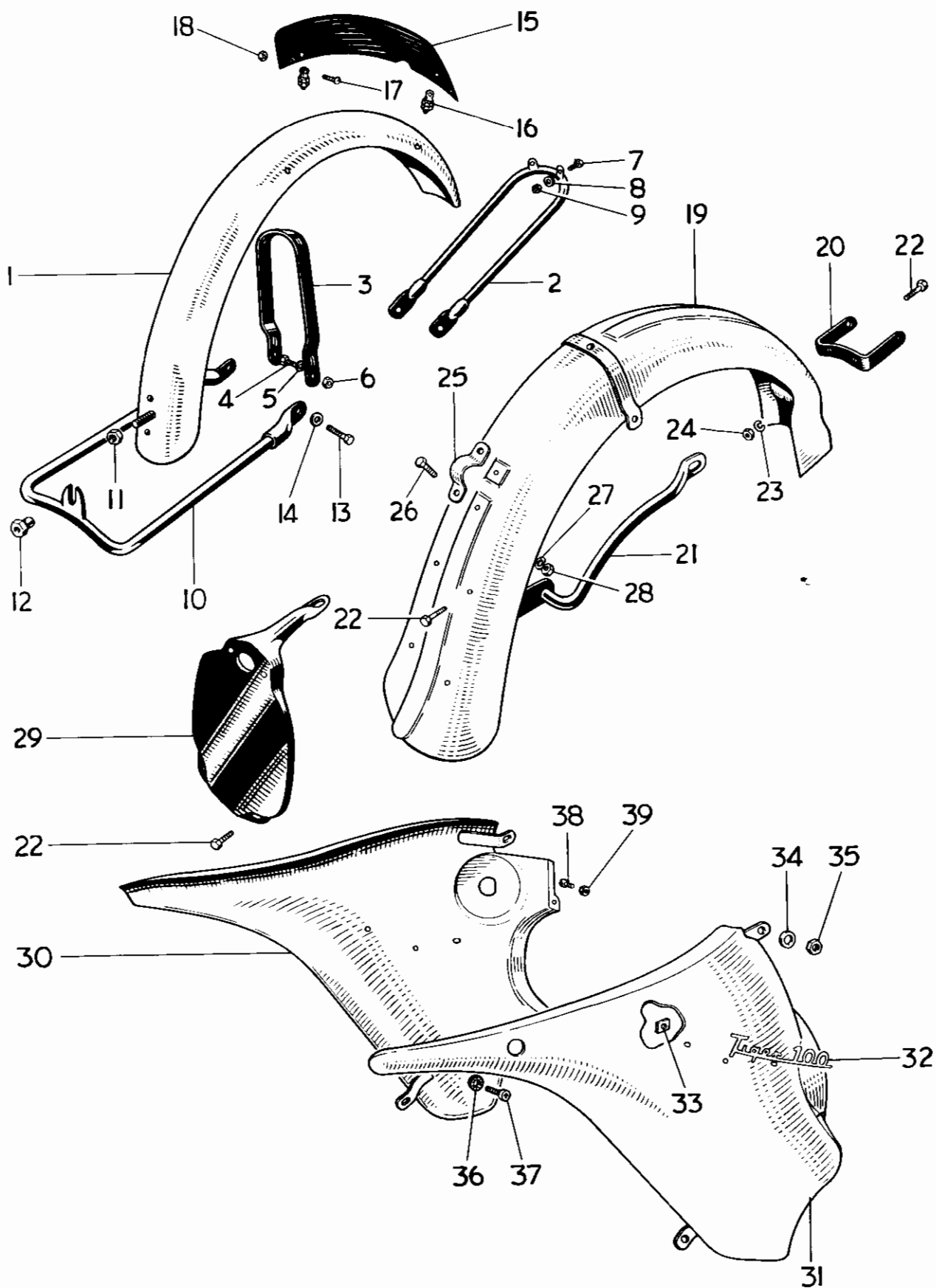


Fig. 21. MUDGUARDS AND REAR PANELS T100SS

MUDGUARDS AND REAR PANELS- T100SS

T100SS

1	H.1294	Mudguard blade	1
2	H.1271	Front stay	1
3	H.1295	Mudguard bridge	1
4	H.590	Bolt ($\frac{3}{8}$ in. U.H.)	4
5	F.4299	Plain washer	2
6	T.224	Nut	2
7	DS.57	Bolt ($\frac{7}{8}$ in. U.H.)	4
8	S25-1	Plain washer	4
9	F.879	Nut	4
10	H.412	Bottom stay	1
11	S1-51	Nut	1
12	NS.362	Spigot nut	1
13	H.414	Bolt ($\frac{39}{64}$ in. U.H.)	2
14	S25-71	Plain washer	2
15	F.2996	Number plate	1
16	H.741	Clip assembly	2
17	H.687	Screw ($\frac{3}{8}$ in. U.H.)	2
18	H.745	Nut	2
19	F.4858	Rear mudguard	1
20	F.4861	Bracket	1
21	F.4856	Lifting handle	1
22	DS.57	Bolt	6
23	S26-2	Spring washer	6
24	F.879	Nut	6
25	F.4690	Clip	1
26	F.929	Bolt ($\frac{1}{2}$ in. U.H.)	2
27	S26-3	Spring washer	2
28	S1-51	Nut	2
29	F.3363	Number plate	1
30	F.5094	Left panel	1
31	F.5096	Right panel	1
32	F.4524	Motif "Tiger 100"	2
33	F.4317	Spire nut	6
34	S25-2	Plain washer	2
35	S1-52	Nut	2
36	F.4512	Rubber washer	2
37	F.4483	Self tapping screw	2
38	F.4715	Screw ($\frac{1}{2}$ in. U.H.)	2
39	F.4717	Nut	2

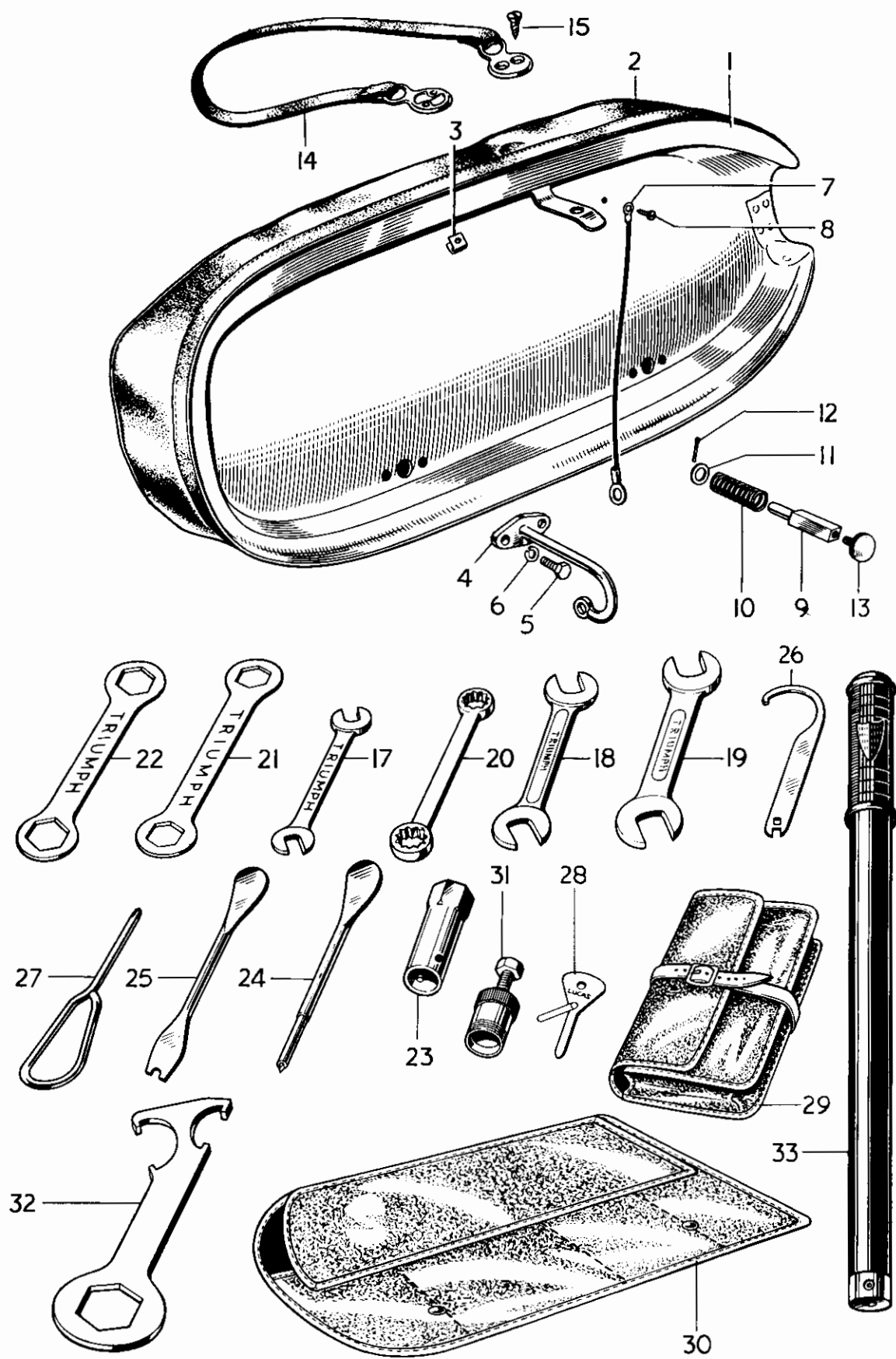


Fig. 22. TWINSEAT AND TOOLKIT.

TWINSEAT AND TOOLKIT

			3TA	5TA	T100A	T100SS
1	F4239	TWINSEAT	1	1	1	1
2	F4244	Twinsat cover c/w clips	1	1	1	1
3	F4475	Clip		as required		
4	F4222	Hinge	2	2	2	2
5	DS57	Bolt ($\frac{7}{16}$ in. U.H.)	4	4	4	4
6	S26-2	Spring washer	4	4	4	4
7	D374	Check wire	1	1	1	1
8	F4483	Self-tapping screw	1	1	1	1
9	F4226	Seat catch plunger	1	1	1	1
10	F4228	Spring	1	1	1	1
11	E1719A	Plain washer	1	1	1	1
12	$\frac{3}{16}$ in. x $\frac{1}{2}$ in.	Split pin	1	1	1	1
13	F4227	Knob	1	1	1	1
14	F4361	Safety strap	A	A	A	A
15	F4365	Self-tapping screw	4	4	4	4
16	D446	TOOL KIT	-	-	-	1
17	D360	Open spanner, $\frac{1}{8}$ in. x $\frac{1}{2}$ in. whit.	1	1	1	1
18	NA55	Open spanner, $\frac{1}{4}$ in. x $\frac{7}{16}$ in. whit.	1	1	1	1
19	DA16	Open spanner, $\frac{3}{8}$ in. x $\frac{7}{16}$ in. whit.	1	1	1	1
20	D370	Ring spanner, $\frac{7}{16}$ in. x $\frac{1}{2}$ in. whit.	1	1	1	1
21	PA57	Ring spanner, $\frac{1}{2}$ in. x $\frac{7}{16}$ in. whit.	1	1	1	1
22	D311	Ring spanner, $\frac{5}{8}$ in. x $\frac{11}{16}$ in. whit.	1	1	1	1
23	D87	Box spanner, spark plug	1	1	1	1
24	D363	Tyre lever and tommy bar	1	1	1	1
25	D364	Tyre lever and clutch key	1	1	1	1
26	D362	"C" spanner and tappet key	1	1	1	1
27	D336	Phillips No. 3 screwdriver	1	1	1	1
28	400935	Ignition screwdriver and feeler gauge	1	1	1	1
29	WA58	Tool roll	-	-	-	1
30	F5084	Tool bag	1	1	1	-
31	DA50/1	Clutch extractor	A	A	A	A
32	D220	Fork spanner	A	A	A	A
33	D296	Tyre inflator	1	1	1	1

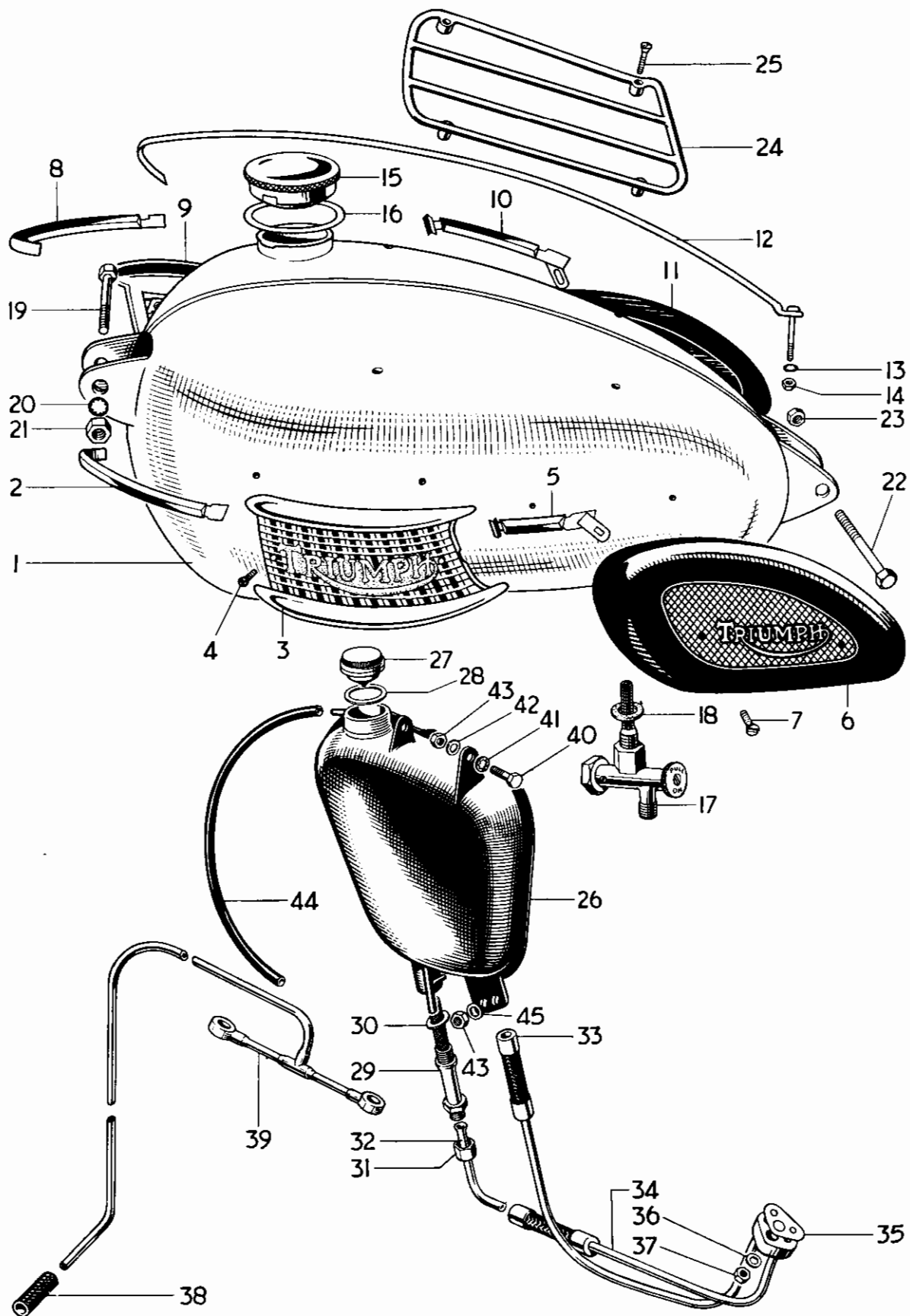


Fig 23. PETROL AND OIL TANKS.

Ref. No.	Part No.	DESCRIPTION	QUANTITY			
PETROL AND OIL TANKS						
			3TA	5TA	T100A	T100SS
1	F4232	Petrol Tank	1	1	1	1
2	F423S	Styling strip (Left front)	A	A	1	1
3	F4127	Styling unit (Left)	1	1	1	1
4	F4129	Styling unit screw (0.435 in. U.H.)	4	4	4	4
5	F4323	Styling strip (Left rear)	A	A	1	1
6	F2551	Knee grip (Left)	1	1	1	1
7	F1953	Knee grip screw ($\frac{5}{8}$ in. U.H.)	4	4	4	4
8	F4237	Styling strip (Right front)	A	A	1	1
9	F4128	Styling unit (Right)	1	1	1	1
10	F4324	Styling strip (Right rear)	A	A	1	1
11	F2552	Knee grip (Right)	1	1	1	1
12	F4398	Centre styling strip	1	1	1	1
13	F4019	Serrated washer	1	1	1	1
14	H919	Nut	1	1	1	1
15	F3220	FILLER CAP	1	1	1	1
16	F4048	Joint washer	1	1	1	1
17	F1717	Petrol tap	1	1	1	1
18	F1511	Fibre washer	1	1	1	1
19	F4382	Bolt ($3\frac{1}{2}$ in. U.H.)	1	1	1	1
20	E2288	Serrated washer	2	2	2	2
21	PO172A	Nut	1	1	1	1
22	E327	Bolt ($3\frac{3}{8}$ in. U.H.)	1	1	1	1
23	W76	Nut	1	1	1	1
24	F3917	Parcel grid	1	1	1	1
25	F2936	Parcel grid screw	4	4	4	4
26	F4476	Oil tank	1	1	1	-
27	F4477	FILLER CAP	1	1	1	-
28	F4478	Joint washer	1	1	1	-
29	F4533	Oil tank filter	1	1	1	-
30	F1713	Fibre washer	1	1	1	-
31	F3182	Union nut	1	1	1	-
32	E4113	Upper feed pipe	1	1	1	-
33	MF119/20	Rubber connector	2	2	2	-
34	E4083	Oil pipes and junction block	1	1	1	-
35	E3763	Joint washer	1	1	1	-
36	S25-3	Plain washer	1	1	1	-
37	E1310	Nut	1	1	1	-
38	E3383	Rubber connector	1	1	1	-
39	E3805	Rocker oil feed pipe	1	1	1	-
40	F1213	Bolt ($\frac{1}{2}$ in. U.H.)	2	2	2	-
41	E2287	Serrated washer	1	1	1	-
42	GS203	Plain washer	2	2	2	-
43	W1058	Nut	3	3	3	-
44	T1579	Vent pipe	1	1	1	-
45	F4299	Plain washer	1	1	1	-

For T100SS oil tank see Page 62.

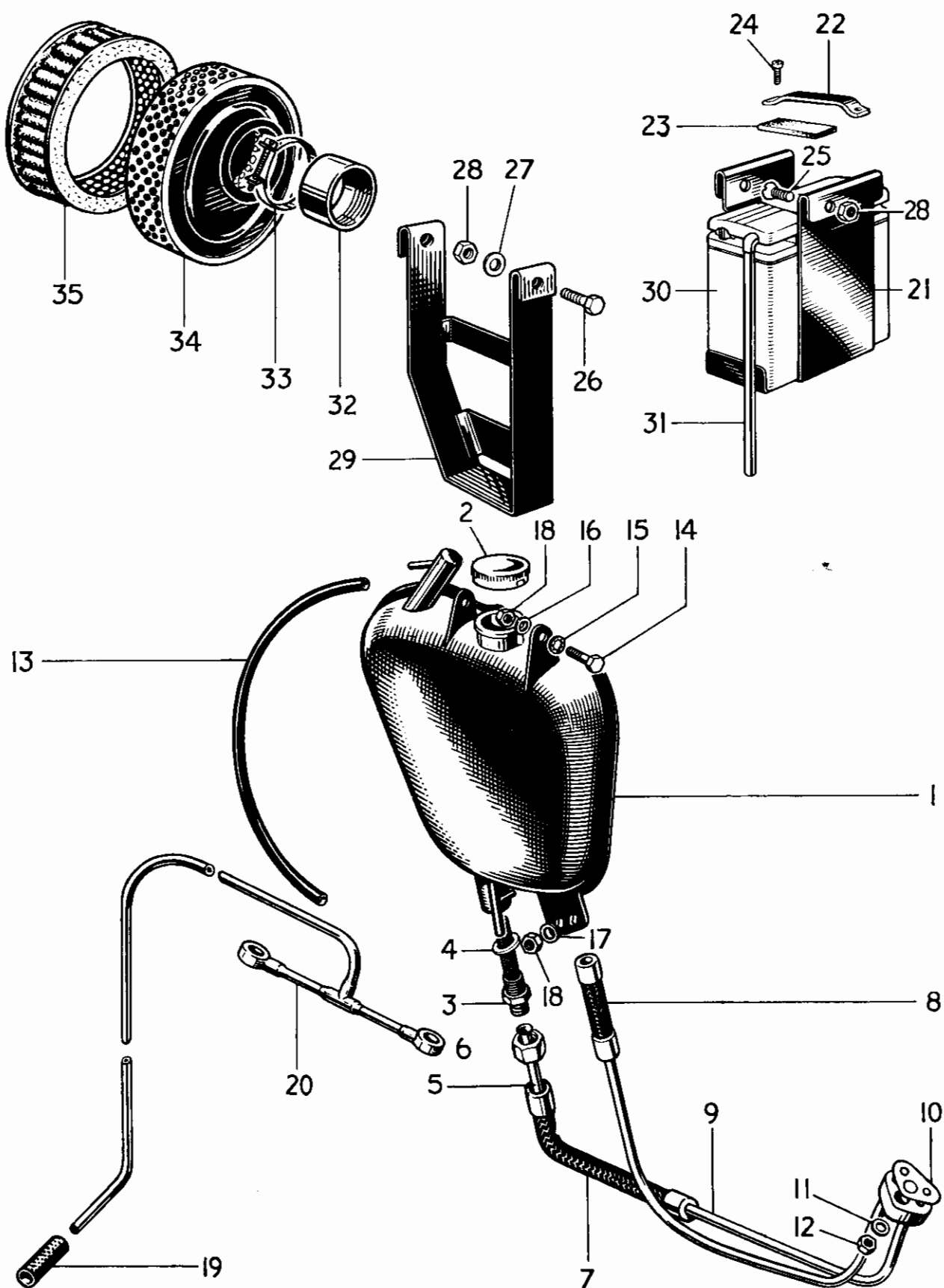


Fig. 24. T100SS OIL TANK, BATTERY CARRIER AND TOOL CARRIER

Ref. No.	Part No.	DESCRIPTION	QUANTITY
T100SS OIL TANK, BATTERY CARRIER AND TOOL CARRIER			T100SS
1	F4851	Oil tank	1
2	F3216	Filler cap	1
3	F3179	Oil tank filter	1
4	F1713	Fibre washer	1
5	F3655	Upper feed pipe	1
6	F3182	Union nut	1
7	E3353	Rubber feed pipe	1
8	MF119/20	Rubber return pipe	1
9	E4083	Oil pipe and junction block	1
10	E3763	Joint washer	1
11	S25-3	Plain washer	1
12	E1310	Nut	1
13	T1579	Vent pipe	1
14	F1213	Bolt ($\frac{1}{8}$ in. U.H.)	2
15	E2287	Serrated washer	1
16	GS203	Plain washer	2
17	F4249	Plain washer	1
18	W1058	Nut	3
19	E3383	Rubber connector	1
20	E3805	Rocker oil feed pipe	1
21	F5147	Battery carrier	1
22	F4661	Top strap	1
23	F4662	Packing rubber	1
24	E3200	Screw ($\frac{1}{8}$ in. U.H.)	1
25	E3728	Screw ($\frac{1}{2}$ in. U.H.)	1
26	D257	Bolt ($\frac{7}{8}$ in. U.H.)	2
27	S25-1	Plain washer	3
28	F879	Nut	3
29	F4875	Tool carrier	1
30	MLZ9E	Battery c/w lid	1
31	F4816	Plastic vent pipe	1
32	F4812	Adaptor	1
33	F3859	Clip	1
34	F4806	AIR FILTER	1
35	F4811	Filter element	1

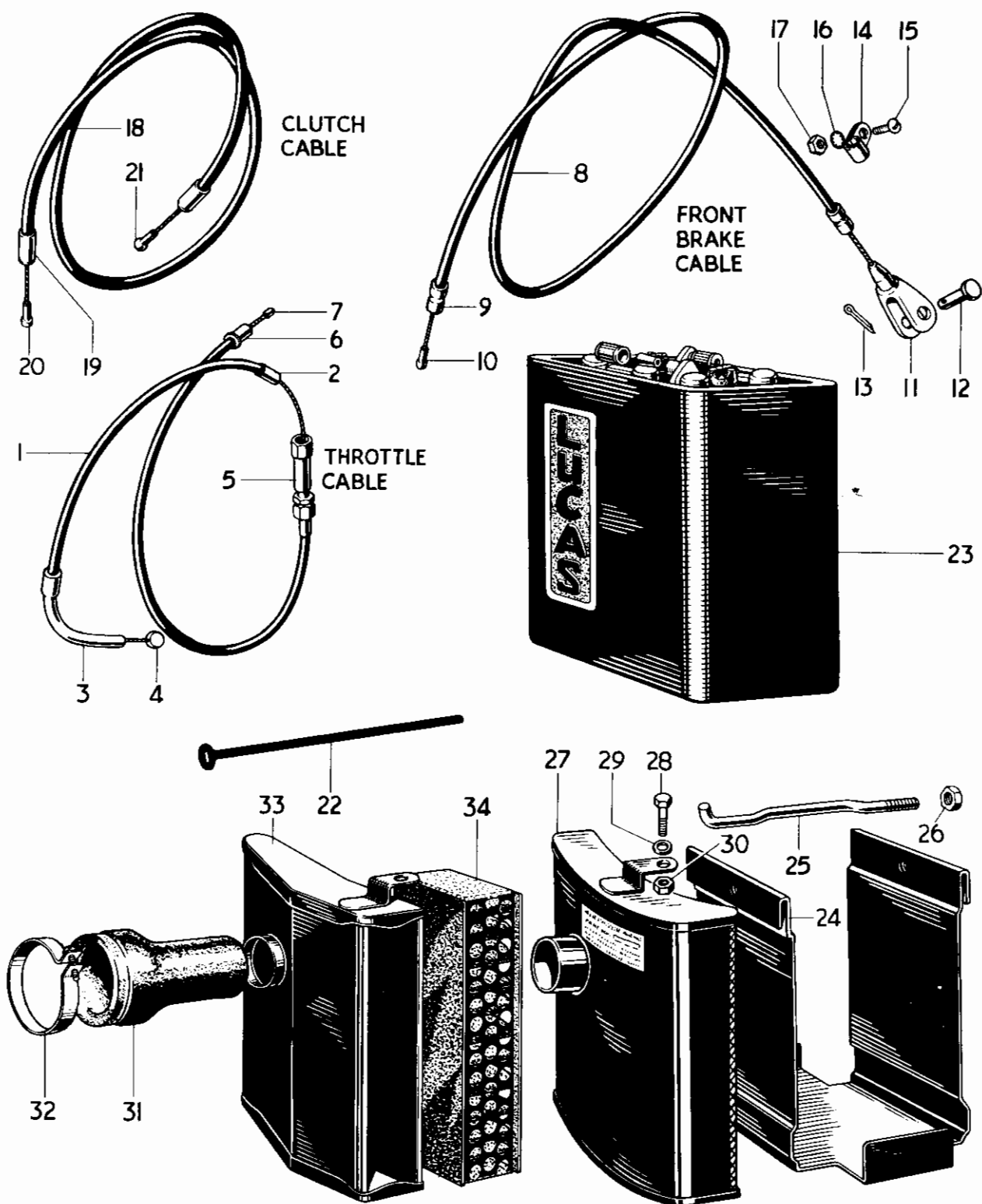


Fig. 25. CONTROL CABLES, BATTERY CARRIER AND AIR FILTER.

Ref. No.	Part No.	DESCRIPTION	QUANTITY
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CONTROL CABLES

			3TA	5TA	T100A	T100SS
1	D383	THROTTLE CABLE	1	1	1	-
1	D442	THROTTLE CABLE	-	-	-	1
1	D410	AMERICAN THROTTLE CABLE	A	A	A	-
2	D101	Ferrule	3	3	3	3
3	H670	Guide tube	1	1	1	-
4	D83	Nipple	1	1	1	-
4	D443	Nipple	-	-	-	1
5	D104	Adjuster	1	1	1	1
6	6/132A	Ferrule	1	1	1	1
7	NS191	Nipple	1	1	1	1
8	D418	FRONT BRAKE CABLE	1	1	1	-
8	D419	AMERICAN FRONT BRAKE CABLE	A	A	A	1
9	D103	Ferrule	2	2	2	2
10	D368	Nipple	1	1	1	1
11	W593	Fork end	1	1	1	1
12	WF32	Pivot pin	1	1	1	1
13	$\frac{1}{8}$ in. x $\frac{3}{8}$ in.	Split pin	1	1	1	1
14	H1171	Clip	1	1	1	1
15	H916	Screw ($\frac{3}{32}$ in. U.H.)	1	1	1	1
16	GS299	Serrated washer	1	1	1	1
17	H745	Nut	1	1	1	1
18	*D366	CLUTCH CABLE	1	1	1	-
18	*D408	AMERICAN CLUTCH CABLE	A	A	A	-
19	D103	Ferrule	2	2	2	2
20	D368	Nipple	1	1	1	1
21	DS73	Nipple	1	1	1	1
22	XA69	Cable clip		as required		
*After engine No. H25252 use:						
18	D452	CLUTCH CABLE	1	1	-	1
18	D466	AMERICAN CLUTCH CABLE	1	1	-	-

BATTERY CARRIER AND AIR FILTER

23	PUZ7E-11	Battery	1	1	1	-
24	F4219	Battery Carrier	1	1	1	-
25	F4485	Clamp rod	1	1	1	-
26	F879	Nut	1	1	1	-
27	*F4218	Air filter	1	1	1	-
28	DS57	Bolt ($\frac{7}{8}$ in. U.H.)	1	1	1	-
29	S25-43	Plain washer	1	1	1	-
30	F879	Nut	1	1	1	-
31	E3985	Rubber connector	1	1	-	-
31	E4216	Rubber connector	-	-	1	-
32	F3859	Clip	1	1	1	-
*For later Models use:						
33	F5129	AIR FILTER	1	1	-	-
34	F5137	Element	1	1	-	-

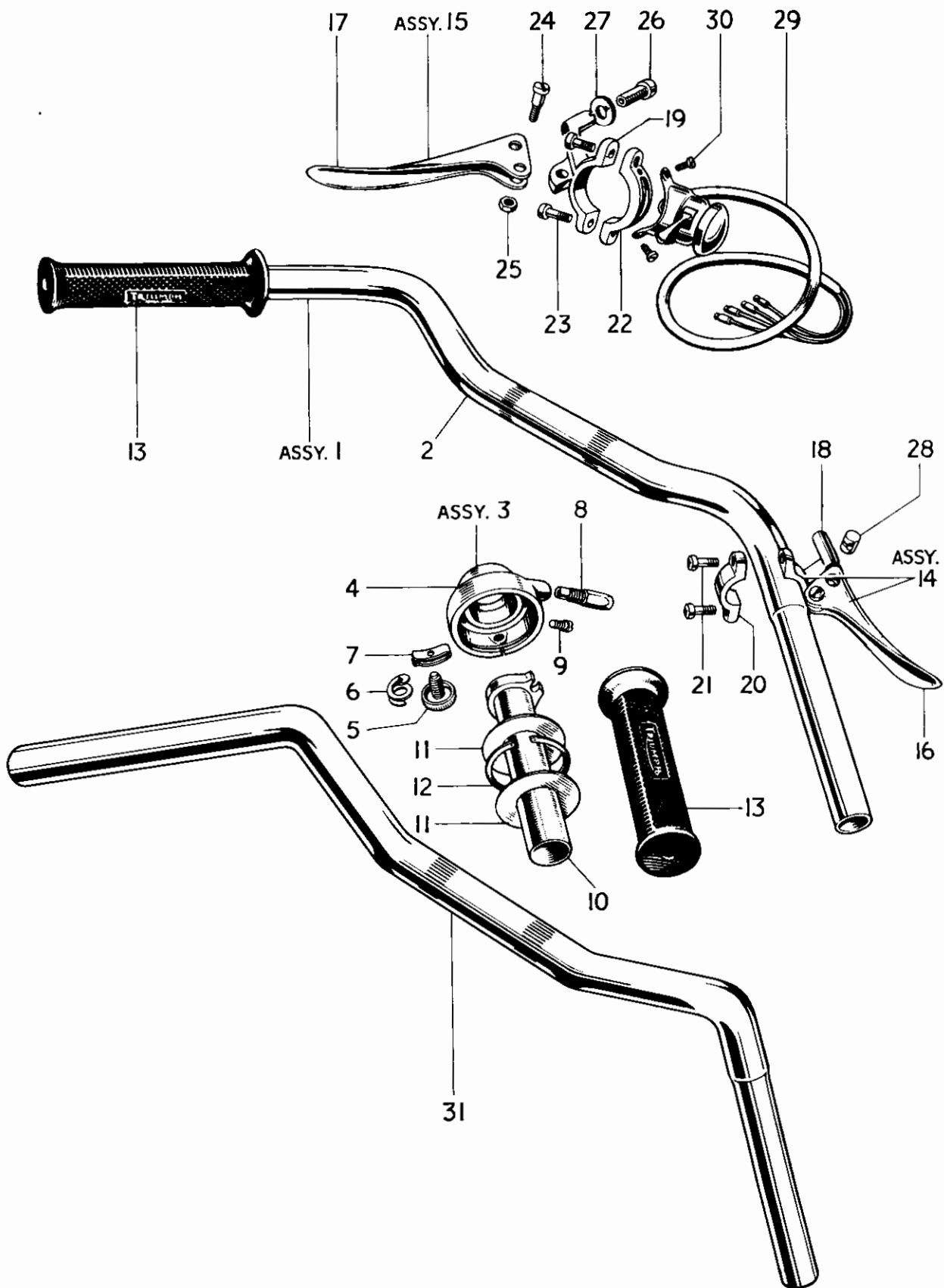


Fig. 26. HANDLEBAR AND CONTROL LEVERS. 2

Ref. No.	Part No.	DESCRIPTION	QUANTITY
HANDLEBAR AND CONTROL LEVERS			
			3TA 5TA T100A
1	H1176	HANDLEBAR c/w CONTROLS	1 1 1
2	H1131	Handlebar	1 1 1
3	H697	TWISTGRIP ASSEMBLY	1 1 1
4	H698	Twistgrip head assembly (Nos. 5-9)	1 1 1
5	H665	Friction screw	1 1 1
6	H685	Spring	1 1 1
7	H686	Friction spring	1 1 1
8	H234	Cable thimble	1 1 1
9	H237	Grub screw	1 1 1
10	H700	Sleeve	1 1 1
11	H233	Retaining plate	2 2 2
12	H232	Circlip	1 1 1
13	H230	Rubber grip (and at left handlebar)	2 2 2
14	18/886	FRONT BRAKE LEVER	1 1 1
15	18/894	CLUTCH LEVER	1 1 1
16	18/535	Brake lever	1 1 1
17	18/528	Clutch lever	1 1 1
18	18/890	Brake lever bracket	1 1 1
19	18/892	Clutch lever bracket	1 1 1
20	12/044	Clamp	1 1 1
21	11/014	Screw	2 2 2
22	H668	Clamp	1 1 1
23	61/004	Screw	2 2 2
24	18/087	Fulcrum screw	2 2 2
25	18/053	Self-locking nut	2 2 2
26	18/838	Cable adjuster	2 2 2
27	18/839	Thumb nut	2 2 2
28	18/880	Barrel nipple	2 2 2
29	31563	Horn push and dip switch	1 1 1
30	H689	Screw ($\frac{1}{4}$ in. U.H.)	2 2 2
31	H1247	American Handlebar	A A A

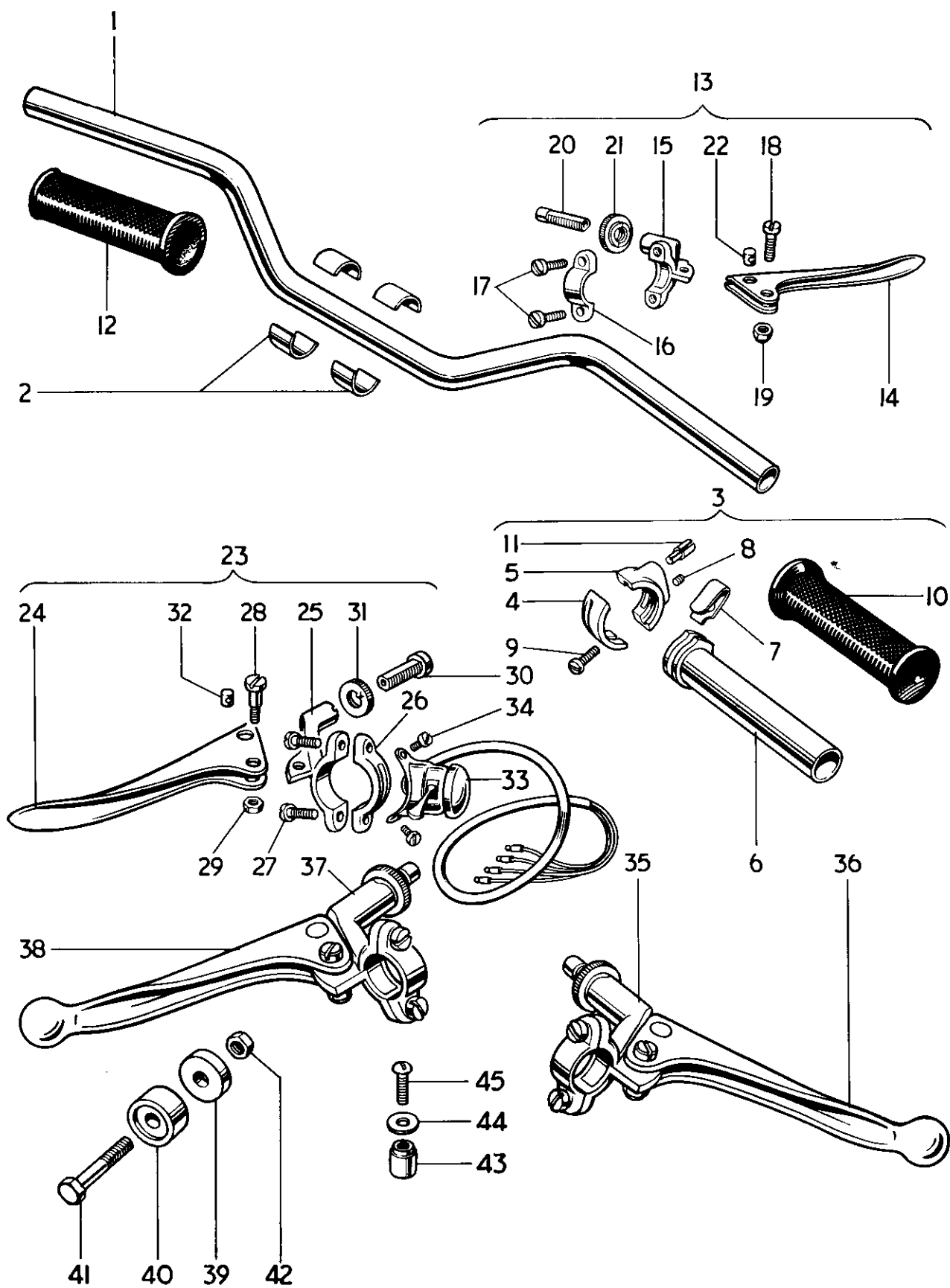


Fig. 27. T100SS HANDLEBAR AND CONTROL LEVERS

T100SS HANDLEBAR AND CONTROL LEVERS

			T100SS
1	H527	Handlebar	1
2	H1425	Packing piece	4
3	366/2	TWISTGRIP	1
4	366/001	Body top half	1
5	366/002	Body bottom half	1
6	366/004	Rotor	1
7	366/007	Friction spring	1
8	366/008	Friction spring screw	1
9	376/079	Screw	2
10	16/070	Handlebar grip	1
11	366/006	Cable stop	1
12	16/069	Handlebar grip	1
13	18/995	FRONT BRAKE LEVER ASSEMBLY	1
14	18/535	Brake lever	1
15	18/912	Brake lever bracket	1
16	12/040	Clamp	1
17	11/014	Screw	2
18	18/087	Fulcrum screw	1
19	18/053	Self-locking nut	1
20	18/838	Cable adjuster	1
21	18/839	Thumb nut	1
22	18/880	Barrel nipple	1
23	18/996	CLUTCH LEVER ASSEMBLY	1
24	18/528	Clutch lever	1
25	18/913	Clutch lever bracket	1
26	18/910	Clamp (H668 A)	1
27	61/004	Screw	1
28	18/087	Fulcrum screw	1
29	18/053	Self-locking nut	1
30	18/838	Cable adjuster	1
31	18/839	Thumb nut	1
32	18/880	Barrel nipple	1
33	31563	Horn push and dip switch	1
34	H689	Screw ($\frac{1}{4}$ in. U.H.)	2
35	18/935	FRONT BRAKE LEVER ASSEMBLY (Ball-end)	A
36	18/754	Brake lever (Ball-end)	A
37	18/993	CLUTCH LEVER ASSEMBLY (Ball-end)	A
38	18/752	Clutch lever (Ball-end)	A

STEERING STOPS

			3TA	5TA
39	F5075	Left steering stop	1	1
40	F5076	Right steering stop	1	1
41	F2398	Bolt ($1\frac{1}{4}$ in. U.H.)	1	1
42	S1-51	Nut	1	1
43	F5077	Fork steering stop	1	1
44	S25-1	Plain washer	1	1
45	F5078	Screw ($\frac{5}{8}$ in. U.H.)	1	1

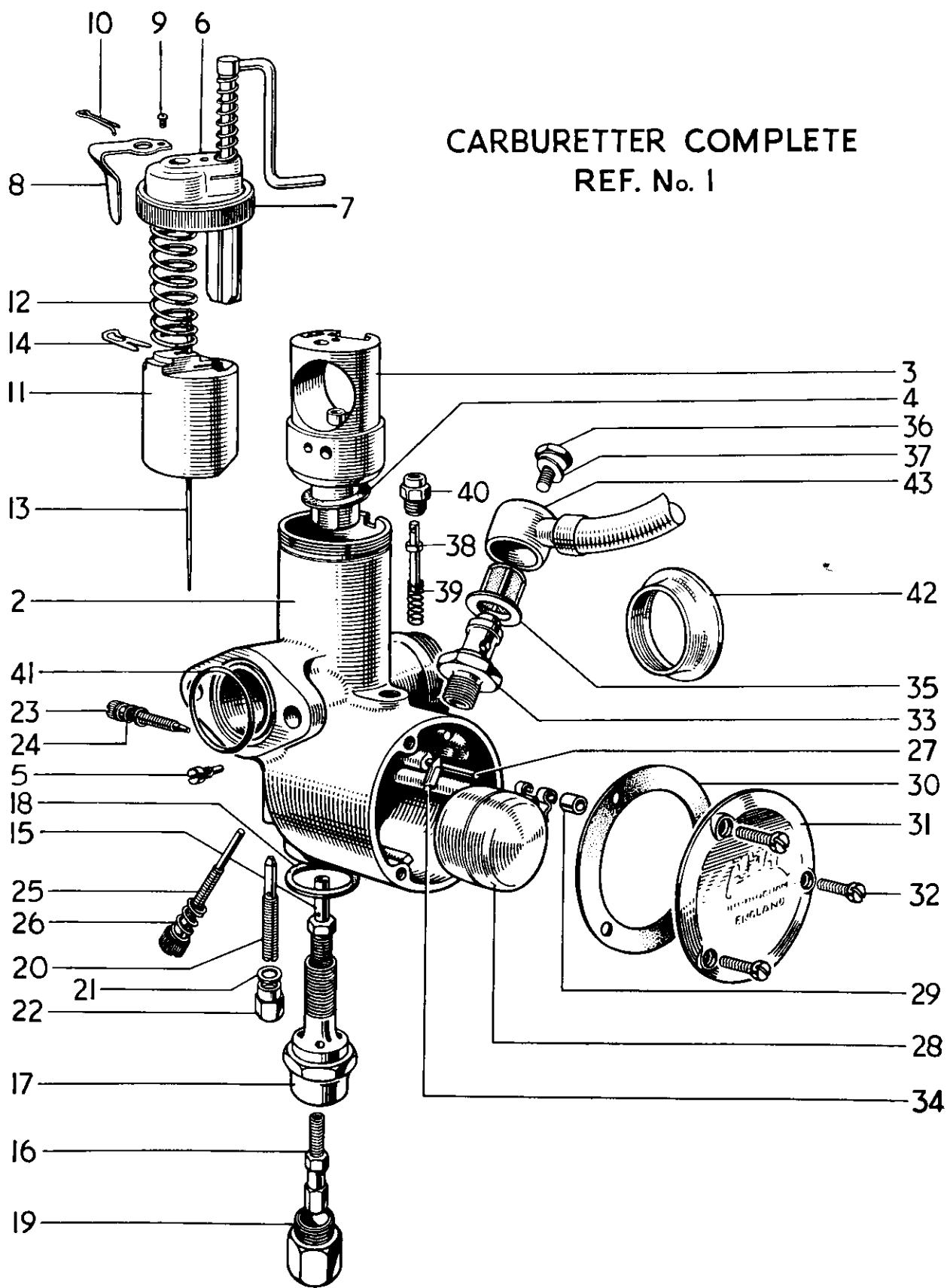


Fig. 28. CARBURETTER, 3TA and 5TA

Ref. No.	Part No.	DESCRIPTION	QUANTITY	
CARBURETTER, 3TA AND 5TA				
			3TA	5TA
1	375/32	CARBURETTER, $\frac{3}{8}$ in. choke	1	-
1	375/35	CARBURETTER, $\frac{7}{8}$ in. choke	-	1
2	375/003	Mixing chamber, $\frac{3}{8}$ in. choke	1	-
2	375/005	Mixing chamber, $\frac{7}{8}$ in. choke	-	1
3	375/057	Jet block, $\frac{3}{8}$ in. choke	1	-
3	375/059	Jet block, $\frac{7}{8}$ in. choke	-	1
4	375/067	Joint washer	1	1
5	376/070	Peg screw	1	1
6	375/102	AIR VALVE ASSEMBLY	1	1
7	375/065	Mixing chamber cap	1	1
8	375/071	Spring	1	1
9	4/241	Screw	1	1
10	30/064	Spring	1	1
11	375/060	Throttle valve ($3\frac{1}{2}$ cutaway)	1	-
11	375/060	Throttle valve (3 cutaway)	-	1
12	375/079	Throttle return spring	1	1
13	375/063	Needle (Type B)	1	1
14	4/230	Needle clip	1	1
15	376/072	Needle jet (.106)	1	-
15	376/072	Needle jet (.105)	-	1
16	376/100	Main jet (100)	1	-
16	376/100	Main jet (160)	-	1
17	376/073	Jet holder	1	1
18	376/074	Fibre washer	1	1
19	376/075	Cover nut	1	1
20	376/076	Pilot jet (25)	1	1
21	116/162	Fibre washer	1	1
22	376/095	Cover nut	1	1
23	332/017	Air adjusting screw	1	1
24	4/148	Spring	1	1
25	376/068	Throttle stop screw	1	1
26	376/069	Spring	1	1
27	376/085	Float spindle	1	1
28	376/083	Float	1	1
29	376/094	Bush	1	1
30	376/078	Joint washer	1	1
31	376/077	Cover	1	1
32	376/079	Screw	3	3
33	376/088	Needle seating	1	1
34	376/089	Needle	1	1
35	376/093	Filter	1	1
36	376/091	Bolt	1	1
37	376/092	Fibre washer	1	1
38	376/086	Tickler	1	1
39	376/087	Spring	1	1
40	343/011	Tickler body	1	1
41	244/765	"O" ring seal	1	1
42	229/048	Air intake tube	A	A
43	F4308	Petrol pipe	1	1

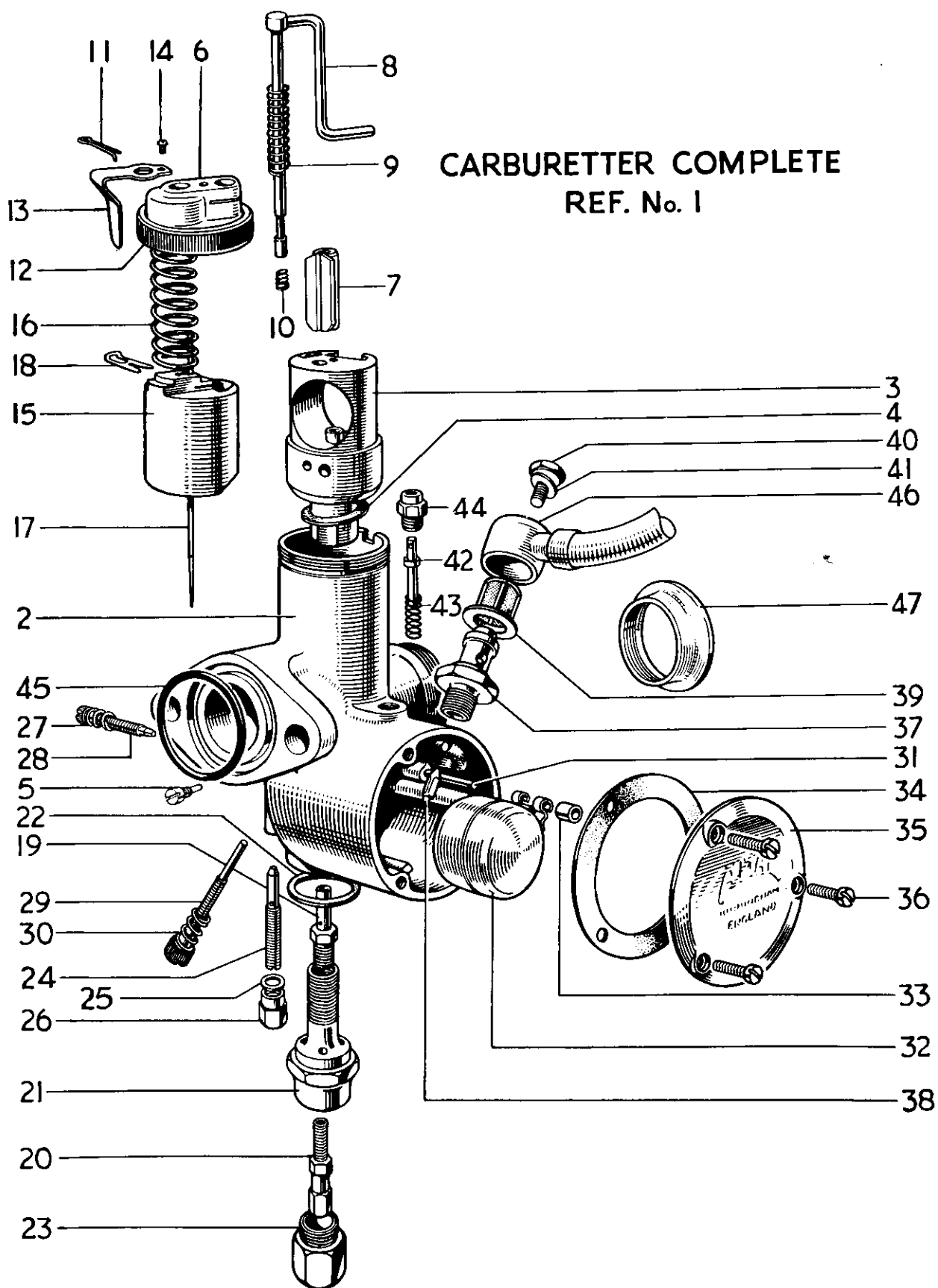


Fig. 29. CARBURETTER, T100A and T100SS

Ref. No.	Part No.	DESCRIPTION	QUANTITY
CARBURETTER, T100A & T100SS			T100A T100SS
1	376/273	CARBURETTER, 1 in. choke	1 1
2	376/002	Mixing chamber 1 in. choke	1 1
3	376/056	Jet block, 1 in. choke	1 1
4	376/067	Joint washer	1 1
5	376/070	Peg screw	1 1
6	376/158	Mixing chamber top	1 1
7	376/166	Air valve	1 1
8	376/182	Control rod and lever	1 1
9	376/109	Return spring	1 1
10	30/187	Air valve spring	1 1
11	30/064	Click spring	1 1
12	376/065	Mixing chamber cap	1 1
13	29/308	Spring	1 1
14	4/241	Screw	1 1
15	376/060	Throttle valve (3½ cutaway)	1 1
16	376/061	Throttle return spring	1 1
17	376/063	Needle (Type C)	1 1
18	4/230	Needle clip	1 1
19	376/072	Needle jet (.106)	1 1
20	376/100	Main jet (.190)	1 1
21	376/073	Jet holder	1 1
22	376/074	Fibre washer	1 1
23	376/075	Cover nut	1 1
24	376/076	Pilot jet (.25)	1 1
25	116/162	Fibre washer	1 1
26	376/095	Cover nut	1 1
27	332/017	Air adjusting screw	1 1
28	4/148	Spring	1 1
29	376/068	Throttle stop screw	1 1
30	376/069	Spring	1 1
31	376/085	Float spindle	1 1
32	376/083	Float	1 1
33	376/094	Bush	1 1
34	376/078	Joint washer	1 1
35	376/077	Cover	1 1
36	376/079	Screw	3 3
37	376/088	Needle seating	1 1
38	376/089	Needle	1 1
39	376/093	Filter	1 1
40	376/091	Bolt	1 1
41	376/092	Fibre washer	1 1
42	376/086	Tickler	1 1
43	376/087	Spring	1 1
44	343/011	Tickler body	1 1
45	244/1048	"O" ring seal	1 1
46	F4308	Petrol pipe	1 1
47	376/066	Air intake tube	A A

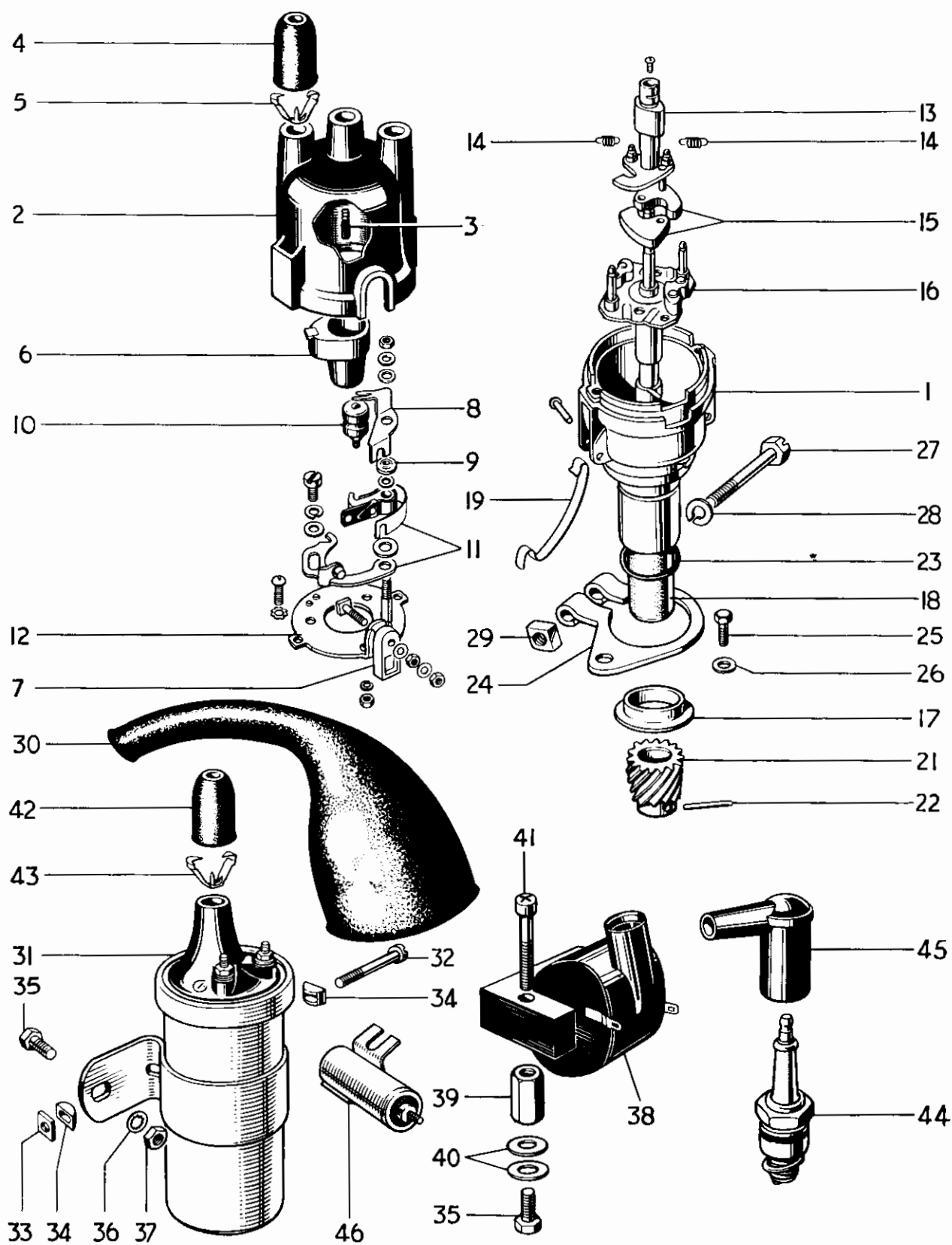


Fig. 30. DISTRIBUTOR, COIL AND SPARK PLUGS.

DISTRIBUTOR, COIL AND SPARK PLUGS

			3TA	5TA	T100A	T100SS
1	40573	DISTRIBUTOR	1	-	-	-
1	40646	DISTRIBUTOR	-	1	-	1
1	†40710	DISTRIBUTOR	-	-	1	-
2	425049	CAP ASSEMBLY	1	1	1	1
3	404435	Brush and spring	1	1	1	1
4	421554	Rubber grommet	3	3	3	3
5	421863	Cable clip	3	3	3	3
6	423486	Rotor	1	1	1	1
7	423110	Shaped insulating bush	1	1	1	1
8	423108	Condenser connector	1	1	1	1
9	423109	Insulating bush	1	1	1	1
10	54410823	Condenser	1	1	1	1
11	425219	Contact set	1	1	1	1
12	423113	Base plate	1	1	1	1
13	424972	Cam	1	1	-	1
13	54412359	Cam	-	-	1	-
14	422655/S	Spring set	1	-	1	-
14	54410895/S	Spring set	-	1	-	1
15	421056/S	Weight set	1	1	1	1
16	424967	Shaft and action plate	1	1	1	1
17	424974	Thrust cup	1	1	1	1
18	423571	Bush	1	1	1	1
19	424158	Retaining clip	2	2	2	2
20	425243	Sundry parts set	1	1	1	1
21	E3729	Distributor drive pinion	1	1	1	1
22	404314	Securing pin	1	1	1	1
23	188639	Rubber "O" ring	1	1	1	1
24	E3825	Clamp plate	1	1	1	1
25	DS57	Bolt ($\frac{7}{16}$ in. U.H.)	1	1	1	1
26	S25-3	Plain washer	1	1	1	1
27	112917	Clamp bolt	1	1	1	1
28	185051	Spring washer	1	1	1	1
29	173857	Nut	1	1	1	1
30	E3863	Distributor sheath	-	-	1	1
31	45077	Ignition coil M.A.6.	1	1	-	1
32	100104	Clip screw	1	1	-	1
33	169160	Square nut	1	1	-	1
34	422369	"D" washer	2	2	-	2
35	DS57	Bolt ($\frac{7}{16}$ in. U.H.)	2	2	2	2
36	E1612	Serrated washer	2	2	2	2
37	F879	Nut	2	2	-	2
38	45112	Ignition coil. 2ET.	-	-	1	-
39	F4709	Mounting pillar	-	-	2	-
40	F4708	Plain washer	-	-	4	-
41	E3668	Screw ($\frac{1}{8}$ in. U.H.)	-	-	2	-
42	421554	Rubber grommet	1	1	1	1
43	421863	Cable clip	1	1	1	1
44		Sparking plug (Champion N4, K.L.G. FE75 or Lodge HLN)	2	2	2	2
45	D297	Plug cover and suppressor	2	2	2	2
45	D262	Plug cover	A	A	A	A
46	54441582	Condenser	-	-	1	-

†After engine No. H22430 use 5TA distributor

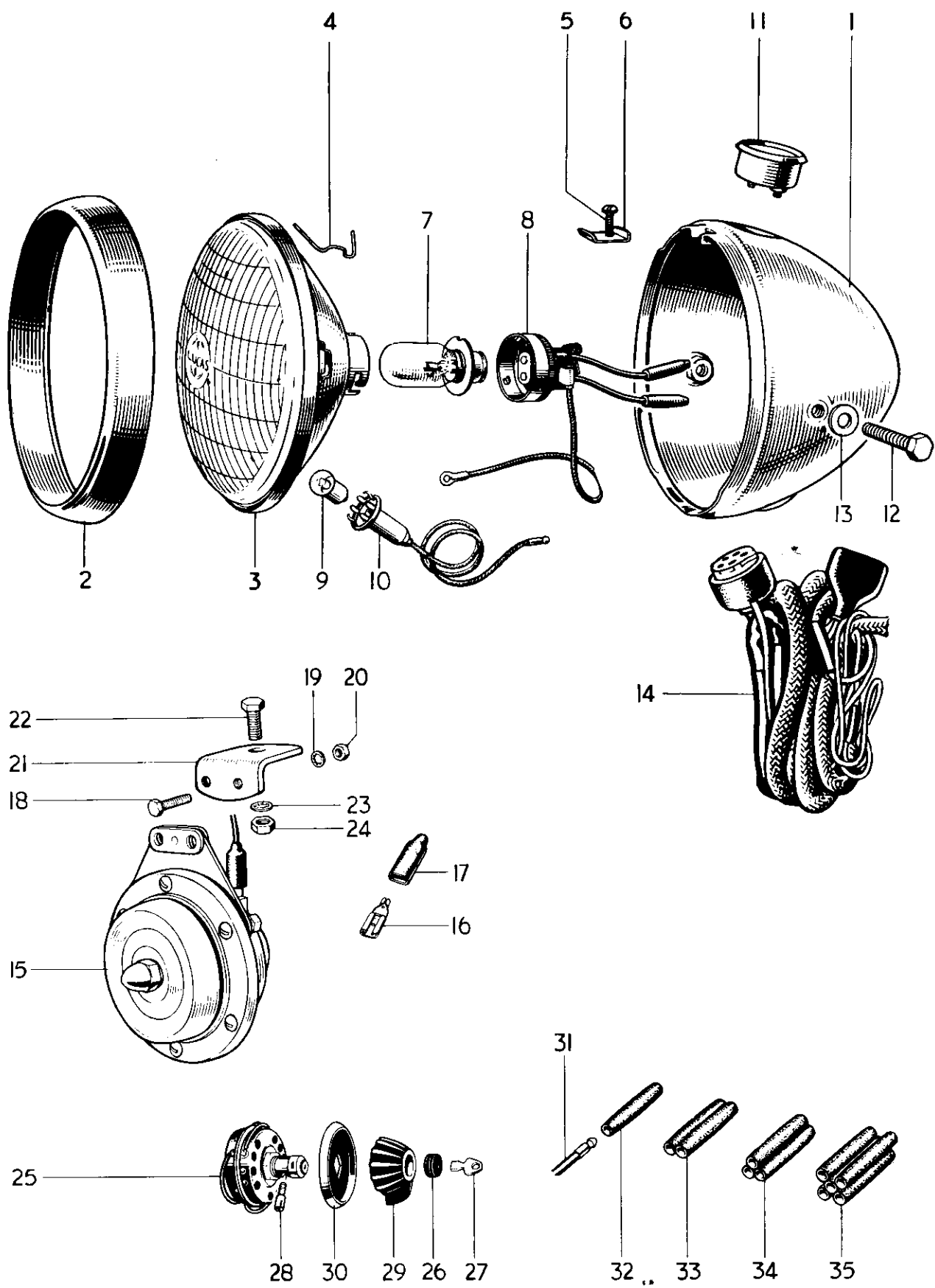


Fig. 31. T100SS HEADLAMP, WIRING HARNESS AND SWITCH

Ref. No.	Part No.	DESCRIPTION	QUANTITY
T100SS HEADLAMP, WIRING HARNESS AND SWITCH			
			T100SS
1	58878	HEADLAMP COMPLETE (TYPE SS700P)	1
2	553248	Rim	1
3	516798	Light unit	1
4	594665	Fixing wire	6
5	144921	Screw	1
6	534296	Plate	1
7	312	Bulb (30/24W Vert. dip pre focus)	1
8	554602	Adaptor	1
9	988	Bulb (3W M.C.C.)	1
10	554710	Pilot bulbholder	1
11	36296	Ammeter (Type 2AR)	1
12	112201	Bolt	2
13	137499	Plain washer	2
14	54094363	Wiring harness	1
15	70163	Horn (Type 8H)	1
16	54942078	Lucar connector	2
17	54190042	Insulating cover	2
18	T1076	Bolt ($\frac{3}{8}$ in. U.H.)	2
19	GS299	Serrated washer	2
20	F3799	Nut	2
21	F5086	Horn bracket	1
22	F1369	Bolt ($\frac{7}{8}$ in. U.H.)	1
23	E1612	Serrated washer	1
24	F879	Nut	1
25	31443	LIGHTING AND IGNITION SWITCH (PRS8)	1
26	318323	Grommet	1
27	318341	Key	1
28	319333	Screw	1
29	318346	Knob	1
30	318343	Index plate	1
31	900269	Snap connector terminal	A
32	900288	Single snap connector	A
33	850641	Double snap connector	A
34	850844	Triple snap connector	A
35	850832	Quintuple snap connector	A

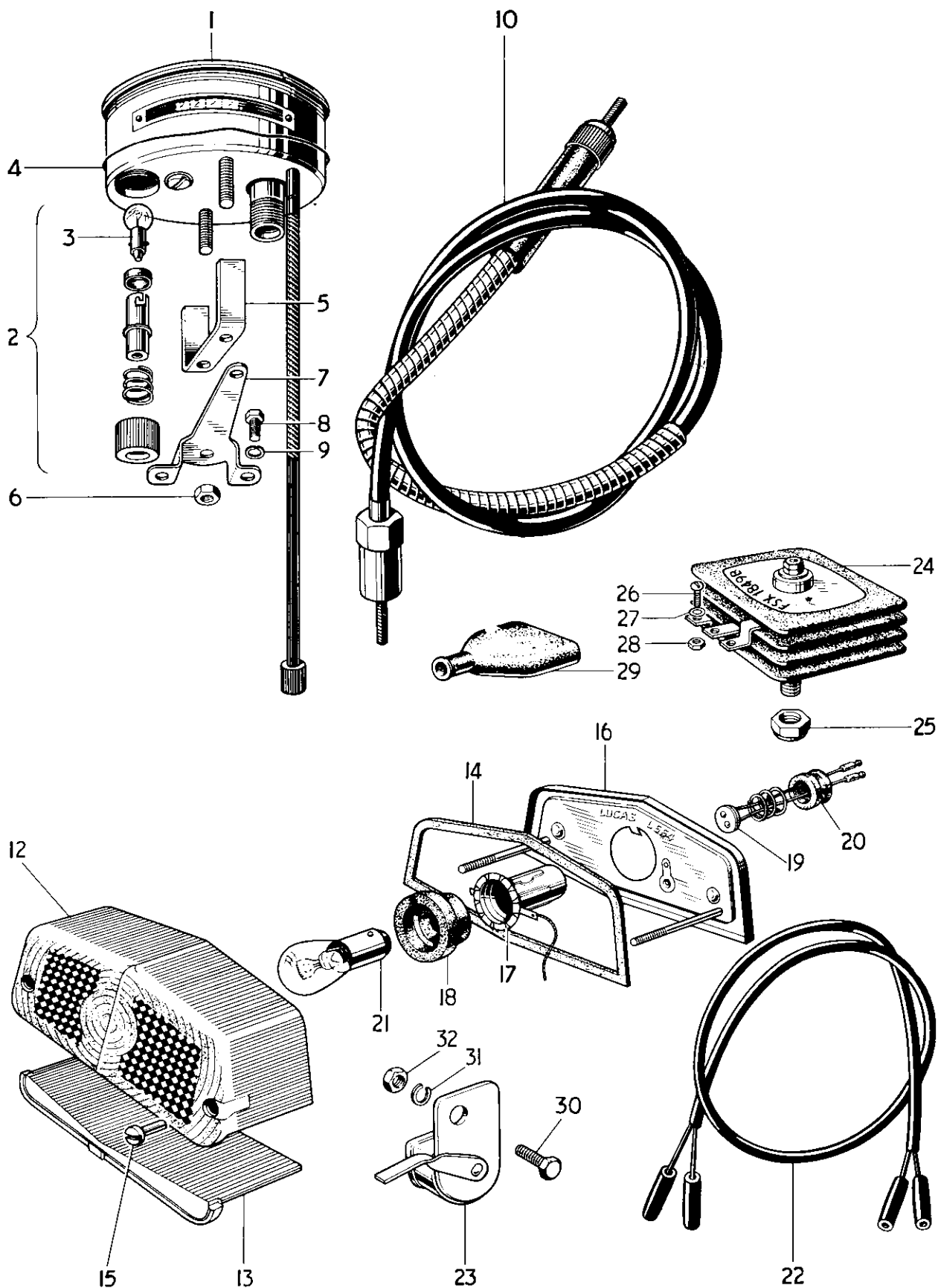


Fig. 32. SPEEDOMETER, STOP AND TAIL LAMP AND RECTIFIER

SPEEDOMETER, STOP AND TAIL LAMP AND RECTIFIER

			3TA	5TA	T100A	T100SS
1	SC3304/11	Speedometer Head M.P.H.	1	1	1	-
1	SC3304/18	Speedometer Head K.P.H.	A	A	A	-
1	SC5301/03	Speedometer Head M.P.H.	-	-	-	1
1	SC5301/12	Speedometer Head K.P.H.	-	-	-	A
2	P53279/1	BULB HOLDER c/w BULB	1	1	1	1
3	P52305	Bulb... ..	1	1	1	1
4	P22469	Rubber ring	1	1	1	-
5	25578/2	Clamp bar	1	1	1	-
6	N1253	Nut	1	2	2	2
7	DS40	Bracket	-	-	-	1
8	DS57	Bolt ($\frac{7}{8}$ in. U.H.)	-	-	-	2
9	S26-2	Spring washer	-	-	-	2
10	D356	Speedometer drive cable (58 in. long)	1	1	1	1
11	53432	STOP AND TAIL LAMP (Type 564)	1	1	1	1
12	573839	Lens... ..	1	1	1	1
13	575200	Window	1	1	1	1
14	575208	Lens seating gasket	1	1	1	1
15	575219	Sleeve nut	2	2	2	2
16	576002	Base assembly	1	1	1	1
17	575209	Bulbholder	1	1	1	1
18	575207	Grommet	1	1	1	1
19	573828	Contact assembly	1	1	1	1
20	573825	Grommet	1	1	1	1
21	384	Bulb (6/18W offset pin)	1	1	1	1
22	838604	Stop and tail lamp lead	1	1	1	1
23	34381	Stop lamp switch (6SA)	1	1	1	1
24	47132	Rectifier	1	1	1	1
25	F3600	Self-locking nut	1	1	1	1
26	F4813	Screw ($\frac{7}{8}$ in. U.H.)	3	3	3	3
27	F4844	Crinkle washer	3	3	3	3
28	H919	Nut	3	3	3	3
29	862566	Grommet	1	1	1	1
30	54948333	Brake Switch lead (not illustrated)	1	1	1	1



SUPPLEMENT TO No. 4 "C" RANGE.

REPLACEMENT PARTS CATALOGUE

FOR 1963 MODELS.

3TA

5TA

T90

T100S/S

From Engine No. H29733.

TRIUMPH ENGINEERING CO. LTD., MERIDEN WORKS

ALLESLEY • COVENTRY • ENGLAND

1963 REPLACEMENT PARTS CATALOGUE.

New parts fitted to "C" range 350 c.c. and 500 c.c. Twins from engine No. H29733

Please note that all T90 (Tiger 90) parts are as for T100S/S in the No. 4 Parts list, except those mentioned below.

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Carton pack list

Pistons (350 c.c.)

CP 198	1	E4670	Piston C.R. 9 : 1
	2	E3690	Compression ring (taper)
	1	E3692	Oil control ring
	1	E1750	Gudgeon pin
	2	E1767	Circlip

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CRANKSHAFT AND CONNECTING RODS

								3TA	5TA	T90	T100S/S
E3702	CONNECTING ROD ...	...	...	...	...	...	...	2	-	2	-
E4001T	CONNECTING ROD ...	...	...	...	...	...	...	-	-	-	2
E1762	Small end bush ...	...	...	...	...	...	...	2	-	2	-
E4678	Inlet camshaft ...	...	...	...	...	...	...	-	-	1	1
E4786	Exhaust camshaft ...	...	...	...	...	...	...	-	-	1	1
E4563	Exhaust camshaft nut ...	...	...	...	...	...	...	-	-	1	1

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CRANKCASE

E4005/E4645	CRANKCASE c/w STUDS AND RIGHT MAIN BEARING	...	-	-	1	1
E4587	Distributor hole plug ...	...	-	-	1	1
E4593	Fibre washer ...	...	-	-	1	1
E4706	Tacho drive plug ...	...	-	-	1	1
T1257	Fibre washer ...	...	-	-	1	1
E4630	TIMING COVER ...	...	-	-	1	1
E4568	Oil seal ...	...	-	-	1	1

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INLET MANIFOLD

E4689	Inlet manifold ...	...	-	-	1	-
E4504	Insulating block...	...	-	-	1	-

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CYLINDER BLOCK AND HEAD, 3TA and T90

E3698	Cylinder block ...	...	1	-	1	-
E4779	CYLINDER HEAD c/w GUIDES	...	1	-	-	-
E4784	CYLINDER HEAD c/w GUIDES	...	-	-	1	-
E4640	Inlet valve ...	...	-	-	2	-
E4010	Inner valve spring	...	-	-	4	-
E4011	Outer valve spring	...	-	-	4	-
E4674	Cylinder head gasket	...	1	-	1	-
E4610	Inspection cap ...	...	4	-	4	-
E3759	Push rod...	...	4	-	4	-

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CYLINDER BLOCK AND HEAD, 5TA and T100S/S

E4785	CYLINDER HEAD c/w GUIDES	...	-	1	-	1
E4675	Cylinder head gasket	...	-	1	-	1
E4610	Inspection cap ...	...	-	4	-	4

Page 27	GEARBOX SHAFTS, BEARINGS AND INNER COVER						3TA	5TA	T90	T100S/S
T1628	Mainshaft second gear (24 teeth)	...	...	...	...	...	-	-	1	1
T1817	Layshaft c/w second and high gear (27 teeth)	...	...	...	...	...	-	-	1	1
T1768	Gear selector camplate	...	...	...	...	...	1	1	1	1

Page 31	CLUTCH									
T1776	CLUTCH COMPLETE...	...	...	...	...	...	1	-	-	-
T1773	CLUTCH COMPLETE...	...	...	...	...	...	-	1	1	1
T1751	Clutch hub...	...	...	...	...	...	1	1	1	1
T1735	Thrust washer	...	...	...	...	...	1	1	1	1
T1718	Clutch centre	...	...	...	...	...	1	-	-	-
T1719	Clutch centre	...	...	...	...	...	-	1	1	1
T1720	Inner retaining plate	...	...	...	...	...	1	1	1	1
T1040	Countersunk screw	...	...	...	...	...	6	6	6	6
T1721	Shock absorber spider	...	...	...	...	...	1	1	1	1
T1722	Drive rubber	...	...	...	...	...	3	3	3	3
T1723	Rebound rubber	...	...	...	...	...	3	3	3	3
T1724	Outer retaining plate	...	...	...	...	...	1	1	1	1
T1362	Driving plate	...	...	...	...	...	5	6	6	6
T1725	Pressure plate	...	...	...	...	...	1	1	1	1
T1752	Clutch spring	...	...	...	...	...	3	-	-	-
T1560	Clutch spring	...	...	...	...	...	-	3	3	3

Page 33	CHAINCASE AND CHAINS									
T1558	Gearbox sprocket (17 teeth)	...	...	...	...	...	-	-	1	-
D444	Rear chain $\frac{5}{8}$ in. x $\frac{3}{8}$ in. x 102 links	...	...	...	...	...	-	1	-	-
D481	Rear chain $\frac{5}{8}$ in. x $\frac{3}{8}$ in. x 103 links	...	...	...	...	...	-	-	1	1

Page 37	ENGINE FITTINGS AND 2 INTO 1 EXHAUST SYSTEM, T90 and T100S/S									
E4778	Torque stay	...	...	...	...	...	-	-	2	2
E4165	Bolt ($1\frac{1}{8}$ in. U.H.)	...	...	...	...	...	-	-	1	1
E5072	Distance piece	...	...	...	...	...	-	-	2	2
E4467	Left exhaust pipe	...	...	...	...	...	-	-	1	1
E4714	Right exhaust pipe	...	...	...	...	...	-	-	1	1
E4949	Silencer	...	...	...	...	...	-	-	1	1
E4980	Bracket	...	...	...	...	...	-	-	1	1
S25-3	Plain washer	...	...	...	...	...	-	-	2	2
F929	Bolt ($\frac{1}{2}$ in. U.H.)	...	...	...	...	...	-	-	2	2
E4114	Stud	...	...	...	...	...	-	-	2	2
E3207	Distance piece	...	...	...	...	...	-	-	2	2
E4883	Silencer hanger	...	...	...	...	...	-	-	1	1
F2335	Bolt ($\frac{1}{8}$ in. U.H.)	...	...	...	...	...	-	-	1	1
S26-3	Spring washer	...	...	...	...	...	-	-	3	3
S1-51	Nut	...	...	...	...	...	-	-	3	3

Page 39	FRAME									
F5406	Front frame	...	...	...	...	...	-	-	1	1
F5407	Rear frame	...	...	...	...	...	-	-	1	1
F4510	Stud ($4\frac{3}{8}$ in. O.A.)	...	...	...	...	...	-	-	1	1
F5529	Centre stand	...	...	...	...	...	-	-	1	1
F4277	Prop stand	...	...	...	...	...	-	-	1	1

Page 41	SWINGING FORK, SUSPENSION UNITS AND CHAINGUARD							3TA	5TA	T90	T100S/S
F5409	Chainguard	...	...	...	...	...	...	1	1	1	1

Page 43 TELESCOPIC FRONT FORK, 3TA, 5TA

H1474	DUST EXCLUDER SLEEVE NUT	...	...	...	...	...	...	2	2	-	-
H1461	Oil seal	...	...	...	...	...	...	2	2	-	-
H1618	Rubber bush	...	...	...	...	...	...	1	1	-	-

Page 47 TELESCOPIC FRONT FORK, T90 and T100S/S

H1534	FORK ASSEMBLY	...	...	...	...	...	...	-	-	1	1
H1595	STANCHION c/w BEARING	...	...	...	...	...	...	-	-	2	2
H1383	Bearing nut	...	...	...	...	...	...	-	-	2	2
H1473	Main spring (Black/Green)	...	...	...	...	...	...	-	-	2	2
H1474	DUST EXCLUDER SLEEVE NUT	...	...	...	...	...	...	-	-	2	2
H1461	Oil seal	...	...	...	...	...	...	-	-	2	2
H1476	Damping sleeve	...	...	...	...	...	...	-	-	1	1
H1485	Steering damper rod	...	...	...	...	...	...	-	-	1	1
H1618	Rubber bush	...	...	...	...	...	...	-	-	1	1

Page 49 FRONT WHEEL

W1398	FRONT WHEEL COMPLETE	...	...	...	...	...	...	-	-	1	1
W1370	RIM, SPOKES AND HUB ASSEMBLY	...	...	...	...	...	...	-	-	1	1
W1373	Rim, WM2-18	...	...	...	...	...	...	-	-	1	1
W1497	Spoke (8/10G x 5 $\frac{5}{8}$ in.)	...	...	...	...	...	...	-	-	40	40
W1474	Grease retainer (brake side)	...	...	...	...	...	...	1	1	1	1
W1481	Grease retainer	...	...	...	...	...	...	1	1	1	1

Page 51 REAR WHEEL

W1482	REAR WHEEL COMPLETE	...	...	...	...	...	...	1	1	-	-
W1484	REAR WHEEL COMPLETE	...	...	...	...	...	...	-	-	1	1
W1483	RIM, SPOKES AND HUB ASSEMBLY	...	...	...	...	...	...	1	1	-	-
W1470	RIM, SPOKES AND HUB ASSEMBLY	...	...	...	...	...	...	-	-	1	1
W1471	Rim, WM2-18	...	...	...	...	...	...	-	-	1	1
W1271	Spoke, left (8/10G x 7 $\frac{1}{8}$ in. 90°)	...	...	...	...	...	...	20	20	-	-
W1377	Spoke, right (8/10G x 7 $\frac{3}{8}$ in. 90°)	...	...	...	...	...	...	20	20	-	-
W1107	Spoke, left (8/10G x 7 $\frac{9}{16}$ in. 90°)	...	...	...	...	...	...	-	-	20	20
W1108	Spoke, right (8/10G x 7 $\frac{7}{8}$ in. 90°)	...	...	...	...	...	...	-	-	20	20
W1472	Rear hub	...	...	...	...	...	...	1	1	1	1
W951	Sprocket and drum 46T	...	...	...	...	...	...	-	-	1	1
W1495	Self-locking nut	...	...	...	...	...	...	8	8	8	8
W1474	Grease retainer, brake side	...	...	...	...	...	...	1	1	1	1
W583	Grease retainer	...	...	...	...	...	...	1	1	1	1
W1476	Speedometer adaptor	...	...	...	...	...	...	1	1	1	1
W1477	Distance piece	...	...	...	...	...	...	1	1	1	1
W1282	Nut	...	...	...	...	...	...	2	2	2	2

Page 53 QUICKLY DETACHABLE REAR WHEEL

W1496	Q.D. REAR WHEEL COMPLETE	...	...	...	...	...	...	-	-	1	1
W1040	Sprocket and brake drum 46T	...	...	...	...	...	...	-	-	1	1
W1480	Grease retainer	...	...	...	...	...	...	-	-	2	2

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MUDGUARDS AND REAR PANELS, T90 and T100S/S

3TA

5TA

T90

T100S/S

H1478	Mudguard blade	...	...	...	...	...	...	...	-	-	1	1
H1479	Front stay	...	...	...	...	...	...	...	-	-	1	1
H1481	Mudguard bridge	...	...	...	...	...	...	...	-	-	1	1
H1482	Bottom stay	...	...	...	...	...	...	...	-	-	1	1
F5579	Rear mudguard...	...	...	...	...	...	...	...	-	-	1	1
F3599	Bracket	...	...	...	...	...	...	...	-	-	1	1
F4860	Bridge	...	...	...	...	...	...	...	-	-	1	1
F5424	Lifting handle	...	...	...	...	...	...	...	-	-	1	1
F5642	Backing plate	...	...	...	...	...	...	...	-	-	1	1
H590	Bolt ($\frac{7}{16}$ in. U.H.)	...	...	...	...	...	...	...	-	-	2	2
F5360	Left panel	...	...	...	...	...	...	...	-	-	1	1
F5362	Right panel	...	...	...	...	...	...	...	-	-	1	1
F5372	Motif "Tiger 90"	...	...	...	...	...	...	...	-	-	2	-

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TWINSEAT AND TOOLKIT

F5366	TWINSEAT	...	...	...	...	...	...	...	1	1	1	1
F5418	Cover	...	...	...	...	...	...	...	A	A	A	A
F4898	Rubber buffer	...	...	...	...	...	...	...	2	2	2	2
F5323	Left valance	...	...	...	...	...	...	...	-	-	1	1
F5324	Right valance	...	...	...	...	...	...	...	-	-	1	1
G5308	Plain washer	...	...	...	...	...	...	...	-	-	2	2
F4329	Domed nut	...	...	...	...	...	...	...	-	-	2	2

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PETROL AND OIL TANKS

F5370	Petrol tank	...	...	...	...	...	...	...	-	-	1	1
F4382	Tank bolt ($3\frac{1}{32}$ in. U.H.)	...	...	...	...	...	...	...	-	-	2	2
F5381	Oil tank	...	...	...	...	...	...	...	-	-	1	1
F5343	Drain plug	...	...	...	...	...	...	...	-	-	1	1
PT104B	Fibre washer	...	...	...	...	...	...	...	-	-	1	1
F5378	Bottom tank bracket	...	...	...	...	...	...	...	-	-	1	1
F5332	Rubber grommet	...	...	...	...	...	...	...	-	-	1	1
F5328	Front crossbar	...	...	...	...	...	...	...	-	-	1	1
F5329	Rear crossbar	...	...	...	...	...	...	...	-	-	1	1
F5247	Spigot rubber	...	...	...	...	...	...	...	-	-	6	6
F5248	Rubber washer	...	...	...	...	...	...	...	-	-	2	2
F5330	Bolt ($\frac{3}{16}$ in. U.H.)	...	...	...	...	...	...	...	-	-	2	2
F5331	Bolt ($\frac{3}{16}$ in. U.H.)	...	...	...	...	...	...	...	-	-	2	2
S25-2	Plain washer	...	...	...	...	...	...	...	-	-	4	4
S26-3	Spring washer	...	...	...	...	...	...	...	-	-	4	4
T224	Nut	...	...	...	...	...	...	...	-	-	4	4

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OIL TANK, BATTERY CARRIER AND TOOL CARRIER, T90 and T100S/S

F5665	Tool tray	...	...	...	...	...	...	...	-	-	1	1
F5334	AIR FILTER	...	...	...	...	...	...	...	-	-	1	1
F5625	Clip	...	...	...	...	...	...	...	-	-	1	1
F5432	Inflator top bracket	...	...	...	...	...	...	...	-	-	1	1
F1369	Bolt ($\frac{5}{8}$ in. U.H.)	...	...	...	...	...	...	...	-	-	1	1
S25-43	Plain washer	...	...	...	...	...	...	...	-	-	1	1
S1-40	Nut	...	...	...	...	...	...	...	-	-	1	1
F5433	Inflator bottom bracket	...	...	...	...	...	...	...	-	-	1	1
S25-3	Plain washer	...	...	...	...	...	...	...	-	-	1	1

Page 65	CONTROL CABLES, BATTERY CARRIER AND AIR FILTER							3TA	5TA	T90	T100S/S
D495	THROTTLE CABLE	...	...	...	...	...	...	-	-	1	1
F5333	Battery carrier	...	...	...	...	...	...	-	-	1	1

Page 69 HANDLEBAR AND CONTROL LEVERS, T90 and T100S/S

16/417	Twistgrip	...	...	...	...	...	...	-	-	1	1
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Page 73 CARBURETTER, T90 and T100S/S

376/300	CARBURETTER $\frac{1}{8}$ in. choke	...	...	...	...	...	...	-	-	1	-
376/001	Mixing chamber $\frac{1}{8}$ in. choke	...	...	...	...	...	...	-	-	1	-
376/055	Jet block $\frac{1}{8}$ in. choke	...	...	...	...	...	...	-	-	1	-
376/060	Throttle valve (3 cutaway)	...	...	...	...	...	...	-	-	1	-
376/063	Needle (Type "C")	...	...	...	...	...	...	-	-	1	-
376/072	Needle jet (.106)	...	...	...	...	...	...	-	-	1	-
376/100	Main jet (180)	...	...	...	...	...	...	-	-	1	-
376/076	Pilot jet (20)	...	...	...	...	...	...	-	-	1	-

Page 75 CONTACT BREAKER, COILS AND SPARK PLUGS

47606	CONTACT BREAKER, Type 4CA	...	...	...	...	...	...	-	-	1	1
425377	Condenser	...	...	...	...	...	...	-	-	2	2
54415803	Contact set	...	...	...	...	...	...	-	-	2	2
E4707	Grommet	...	...	...	...	...	...	-	-	1	1
E1545	Bolt (2 in. U.H.)	...	...	...	...	...	...	-	-	1	1
S25-43	Plain washer	...	...	...	...	...	...	-	-	1	1
E4747	Pillar bolt	...	...	...	...	...	...	-	-	2	2
E2351	Plain washer	...	...	...	...	...	...	-	-	2	2
E4571	Cover	...	...	...	...	...	...	-	-	1	1
E5049	Joint washer	...	...	...	...	...	...	-	-	1	1
F4715	Screw ($\frac{13}{32}$ in. U.H.)	...	...	...	...	...	...	-	-	2	2
GS299	Serrated washer	...	...	...	...	...	...	-	-	2	2
45152	Ignition coil, type MA6	...	...	...	...	...	...	-	-	2	2
F5466	Rubber grommet	...	...	...	...	...	...	-	-	2	2
F3809	Bolt ($1\frac{1}{4}$ in. U.H.)	...	...	...	...	...	...	-	-	2	2
F5467	Distance piece	...	...	...	...	...	...	-	-	4	4
E3290	Self-locking nut...	...	...	...	...	...	...	-	-	2	2

Page 77 T90 AND T100S/S HEADLAMP, WIRING HARNESS AND SWITCH

54094407	Wiring harness	...	...	...	...	...	...	1	1	-	-
54933182	Wiring harness	...	...	...	...	...	...	-	-	1	1
34289	LIGHTING SWITCH, type 88SA	...	...	...	...	...	...	-	-	1	1
54330934	Knob c/w screw	...	...	...	...	...	...	-	-	1	1
34427	IGNITION SWITCH c/w key, type 88SA	...	...	...	...	...	...	-	-	1	1
54336176	Ignition key	...	...	...	...	...	...	-	-	1	1
54336178	Ignition switch cover	...	...	...	...	...	...	-	-	1	1
54330485	Switch bezel plate...	...	...	...	...	...	...	-	-	1	1

SPEEDOMETER, STOP AND TAIL LAMP AND RECTIFIER

								3TA	5TA	T90	T100S/S
H1593	Speedometer bracket ...	...	...	...	...	...	...	-	-	1	1
F5466	Rubber grommet ...	...	...	...	...	...	...	-	-	2	2
S25-43	Plain washer ...	...	...	...	...	...	...	-	-	2	2
H1594	Self-locking nut...	...	...	...	...	...	...	-	-	2	2
31383	Stop lamp switch ...	...	...	...	...	...	...	1	1	1	1
H687	Screw ($\frac{3}{8}$ in. U.H.) ...	...	...	...	...	...	...	2	2	2	2
F4717	Self-locking nut...	...	...	...	...	...	...	2	2	2	2
F5687	Switch lever ...	...	...	...	...	...	...	1	1	1	1
$\frac{3}{32}'' \times \frac{7}{8}''$	Split pin ...	...	...	...	...	...	...	1	1	1	1
T1076	Bolt ($\frac{3}{8}$ in. U.H.) ...	...	...	...	...	...	...	1	1	1	1
F5413	"D" washer ...	...	...	...	...	...	...	1	1	1	1
F4717	Self-locking nut...	...	...	...	...	...	...	1	1	1	1
49072	Rectifier ...	...	...	...	...	...	...	1	1	1	1
F5338	Rectifier nut ...	...	...	...	...	...	...	1	1	1	1