

TRIUMPH

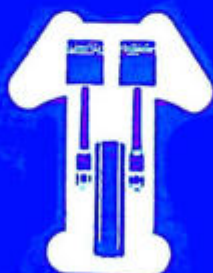
**REPLACEMENT
PARTS CATALOGUE**

No. 11



1970 MODELS

TIGER 100 (T100S, T100R, T100C & T100T)



U.K. AND GENERAL EXPORT EDITION



REPLACEMENT PARTS

CATALOGUE No. II

"C" RANGE MODELS
T100T DAYTONA SUPER SPORTS
T100S TIGER 100

TRIUMPH ENGINEERING COMPANY LIMITED
MERIDEN WORKS · ALLESLEY · COVENTRY · ENGLAND
TELEPHONE MERIDEN 331 TELEX 31305 TELEGRAMS "TRUSTY COVENTRY"

TRIUMPH GUARANTEE

1. In this Guarantee the word "machine" refers to the motor cycle, scooter, motor cycle combination or sidecar as the case may be, purchased by the Purchaser.
2. In order to obtain the benefit of this Guarantee, the Purchaser must have correctly completed the registration form and returned it to us within fourteen days of the purchase.
3. We will supply, free of charge, a new part in exchange for, or, if we consider repair sufficient, will repair free of charge any part proved within six months of the date of purchase of any new machine, (three months overseas) or within three months of its renewal or repair in the case of a part already renewed or repaired, to be defective by reason of our faulty workmanship or materials. We do not undertake to bear the cost of fitting such new or repaired part or accessory.
4. Any part considered to be defective must be sent to our Works, carriage paid, accompanied by the following information:—
 - (a) Name of purchaser and his address;
 - (b) Date of purchase of machine;
 - (c) Name of dealer from whom the purchase was made;
 - (d) Engine number and model.
5. This Guarantee shall not extend to defects or damage appearing after misuse, neglect, abnormal stress or strain, or the incorporation or affixing of unsuitable attachments or parts and in particular:—
 - (a) Hiring out;
 - (b) Racing and Competitions;
 - (c) Adaptation or alteration of any part or parts after leaving our Works;
 - (d) The attaching of a sidecar in a manner not approved by us or to an unsuitable motor cycle.

This Guarantee shall not extend to machines whose trade mark, name or manufacturing number has been altered or removed, or in which has been used any part not supplied or approved by us, or to tyres, saddles, chains, speedometers, revolution counters and electrical equipment or to parts supplied to the order of the Purchaser and different from our standard specification.
6. Our liability and that of our dealer who sells the machine, shall be limited to that set out in this guarantee, and no other claims including claims for consequential damage or injury to person or property, shall be admissible. All other conditions and warranties statutory or otherwise and whether express or implied are hereby excluded and no guarantee other than that expressly herein contained applies to the machine to which this Guarantee relates or any accessory or part thereof.
7. We reserve the right to modify or deviate from the Published Specification without notice.

REPAIRS GUARANTEE

1. Whilst the highest standard of workmanship and materials is aimed at, we cannot accept liability for any defects appearing more than three months after the machine, assembly or component has left our Works after being repaired.
2. We will repair or replace at our option free of charge any defective work, materials or parts relating to the repairs carried out by us appearing within that time but shall not be under any further or other liability for any other loss or damage whether direct or consequential and our liability shall be limited to the cost of so making good. We do not undertake to bear the cost of fitting any replacement or repaired part.
3. We do not accept liability in respect of parts of proprietary manufacture, e.g. tyres, saddles, chains, speedometers, revolution counters and electrical equipment which may be used by us in effecting a repair. All other conditions and warranties statutory or otherwise expressed or implied are hereby excluded.

TRIUMPH SPARES

HOW TO ORDER. Every part is indicated by number, and this should be quoted together with the description. In order to assist customers, dimensions have been given in many cases where parts are similar. Parts where possible have been listed in order of assembly and a number of the illustrations show the assembly order also. With these aids there should be no difficulty in identifying the parts you require **Always head your order with the engine number, stamped on the left side of the crank case underneath the cylinder flange, together with the prefix letters.**

WHERE TO OBTAIN. Triumph Spare Parts can only be obtained from an authorised Triumph Dealer, and we recommend our customers to place their orders with the Triumph Dealer in their district. When parts not usually asked for are required, and for which the Dealer may have to write or obtain specially, the postage or carriage incurred becomes payable.

Triumph Spares are not supplied to private owners direct from the factory. If difficulty is experienced in obtaining the required parts, the matter should be taken up directly with the Triumph Spares Department.

Customers are warned against the risk incurred by purchasing parts that are not of genuine Triumph manufacture. This risk is eliminated if parts are ordered as instructed from recognised Dealers.

PATTERNS AND PARTS FOR REPAIR. It is not necessary to send patterns if the part number is quoted. The sending of patterns often delays the order as parcel post or rail takes longer than letter post.

Parts sent to Coventry for repair, replacement, or as patterns should bear the sender's name and address and clear instructions should accompany the parts. In your own interest send a copy of the advice note under separate cover. All parts must be forwarded carriage paid and care should be taken to ensure that all remittances are sent separately and not enclosed with the parts. Fragile units such as cylinders, etc., should always be boxed to avoid damage in transit. Complete machines should have all fitments such as windscreens, driving mirrors, tools, etc., removed by the sender before despatch, as it is impossible for us to accept responsibility in the event of loss in transit. We are always pleased to give estimates for overhauling and repairs, but should an estimate not be accepted, a charge will be made covering cost of dismantling and re-assembling, if carried out. Work cannot be accepted at the factory direct from private owners.

Communications relating to Parts should be addressed to the SPARES DEPARTMENT and for repairs, guarantee claims and technical advice to the SERVICE DEPARTMENT, Triumph Engineering Co. Ltd., Meriden Works, Allesley, Coventry. In order to facilitate quick reference, the quoting of any number, invoice number or reference from previous communications is essential. Accessories not of our manufacture should be sent direct to the actual makers, whose names and addresses appear below.

PROPRIETARY GROUP

Ancillary equipment which is fitted to our motor cycles is of the highest quality and is guaranteed by the manufacturer and not by ourselves. Any repairs or claims should be made to the actual makers or their local agents who will always give owners every possible assistance. The following are the addresses of the various manufacturers:—

CARBURETORS
Messrs. Amal Ltd.,
Holdford Rd., Witton, Birmingham 6.

CHAINS
Renold Chains Ltd.,
Wythenshawe, Manchester.

ELECTRICAL EQUIPMENT
Messrs. J. Lucas Ltd.,
Gt. Hampton St., Birmingham, 18.

TYRES
Dunlop Rubber Co. Ltd.,
Fort Dunlop, Birmingham, 24.

SPARK PLUGS
Champion Sparking Plug Co. Ltd.,
Feltham, Middlesex.

SPEEDOMETERS
Messrs. Smiths Industries Ltd.,
Cricklewood Works, London, N.W.2.

SUSPENSION UNITS
Messrs. Girling Ltd.,
Birmingham Road, West Bromwich, Staffs.

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TIGER 100 (T100S) 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 N3
Carburetter		Amal Concentric
	Main Jet	190
	Needle Jet	.106
	Needle	Standard
	Throttle Valve	No. 3½
Gearbox Sprocket		18 teeth
Chains	Front	¾ in. Duplex x 78 links
	Rear	¾ in. x ¾ in. x 102 links
Capacities	Fuel Tank	3 galls. (13.5 litres)
	Oil Tank	6 pints (3.5 litres)
	Gearbox	2/3 pint (375 c.c.)
	Primary Chaincase	½ pint (300 c.c.)
	Front Forks (each leg)	½ pint (200 c.c.)
Brakes	Front and Rear, diameter	7 in. (17.18 cm.)
Tyre Size	Front	3.25 x 18
	Rear	3.50 x 18



TIGER 100 (T100T) TECHNICAL DATA

Bore and Stroke		2.716 x 2.578 ins.
Capacity		490 c.c. (29.8 cu. ins.)
Compression Ratio		9 : 1
Sparking Plugs		Champion N3
Carburetter		Amal Concentric
	Main Jet	180
	Needle Jet	.106
	Needle	Standard
	Throttle Valve	No. 3½
Gearbox Sprocket		18 teeth
Chains	Front	¾ in. Duplex x 78 links
	Rear	⅝ in. x ¾ in. x 102 links
Capacities	Gas Tank	3 galls. (13.5 litres)
	Oil Tank	6 pints (3.5 litres)
	Gearbox	2/3 pint (375 c.c.)
	Primary Chaincase	½ pint (300 c.c.)
	Front Forks (each leg)	½ pint (200 c.c.)
Brakes	Front, diameter	8 in. (20.32 cm.)
	Rear, diameter	7 in. (17.18 cm.)
Tyre Size	Front	3.25 x 19
	Rear	3.50 x 18

CARTON PACK LIST

The following sub-assemblies are supplied in carton packs under the part number stated. The contents of these carton packs are preserved and will not deteriorate under adverse conditions.

Part No.	Contents
----------	----------

PISTONS (c/w rings, gudgeon pins and circlips)

E.6906	7.0 : 1 C.R.	500 c.c.	Low grade fuel
E.6884	9 : 1 C.R.	500 c.c.	T.100T
E.7603	7.5 : 1 C.R.	500 c.c.	T.100P

All piston assemblies are available in 0.010 in., 0.020 in., 0.040 in., oversizes (0.25 m.m., 0.5 m.m., 1.0 m.m.).

BRAKE LININGS

C.P. 38/AM2	2	NW243	Brake lining
	16	W129	Rivet
C.P. 205	2	W1734	Brake lining
	16	W129	Rivet

VALVE SPRINGS (all models)

C.P.177	4	E5946	Inner valve spring
	4	E4011	Outer valve spring
De-coke Gasket Set	All models	D/GS 6	
Overhaul Gasket Set	All T100	GST100/65/66	

STEERING HEAD RACES

C.P.156	2	H111	Cup
	1	H439	Cone
	1	H1018	Top cone
	40	S70-3	Ball

HOW TO USE THIS PARTS CATALOGUE

First consult the index on Page 5 for the parts or group of parts which you wish to locate. When you have located the parts make sure from the end columns that the part you have located does apply to your machine.

List the quantities required as single units: do not ask for "2 pairs" or "3 dozen".

In case of painted items always state the colour required. Painted parts are available only in the colours or alternatives specified for that model of that particular year.

All items refer to the standard T100S unless otherwise stated.

Proprietary components, e.g. electrical equipment, carburetters, suspension units etc., are listed in the first column under Triumph part numbers (prefixed either D- or 99-) wherever they are stocked at the Factory. If proprietary parts are listed only under manufacturers part numbers, they are not available from the factory.

<i>Model</i>	<i>Colour</i>
T100	JACARRANDA/SILVER

Paint is available in all colours in Aerosol containers.

PLEASE NOTE

THROUGHOUT THIS LIST, ASSEMBLIES ARE PRINTED IN CAPITALS AND THE COMPONENTS INCLUDED IN THAT ASSEMBLY ARE INDENTED IN THE DESCRIPTION COLUMN, REVERTING TO THE ORIGINAL ALIGNMENT WHEN THE ASSEMBLY IS COMPLETE. TO ORDER THE COMPLETE ASSEMBLY IT IS NECESSARY ONLY TO QUOTE THE ASSEMBLY NUMBER. ANY COMPONENT PARTS LISTED MAY ALSO BE OBTAINED SEPARATELY IF REQUIRED.

SPECIAL WORKSHOP TOOLS

A COMPLETE LIST OF WORKSHOP TOOLS CAN BE MADE AVAILABLE BY EITHER CONTACTING YOUR DEALER OR APPLYING DIRECT TO THE TRIUMPH SERVICE DEPARTMENT. IN MOST CASES THESE TOOLS ARE VERY COSTLY AS THEY ARE MADE ENTIRELY FOR WORKSHOP USE, AND THEREFORE, IT IS NOT RECOMMENDED THAT THE PRIVATE OWNER PURCHASES THE TOOLS IN ORDER TO AID SERVICING THE MACHINE ONCE OR TWICE ONLY. IN THESE CIRCUMSTANCES IT IS FAR MORE ECONOMICAL TO GET IN TOUCH WITH A RECOGNISED DEALER.

UNIFIED THREAD FORM

NEW PARTS HAVING THREADED FIXINGS INTRODUCED IN THIS CATALOGUE HAVE THE UNIFIED FORM OF SCREW THREADS. THIS CHANGEOVER WILL BE CONTINUED AS AND WHEN NEW PARTS ARE INTRODUCED. EVEN WHERE PARTS ARE SIMILAR IN APPEARANCE NEW PART NUMBERS WILL BE ALLOCATED TO IDENTIFY THE UNIFIED THREADS. ALL NUTS, BOLTS AND STUDS HAVING THIS THREAD ARE IDENTIFIED BY MARKINGS. BOLTS HAVE A CIRCULAR RECESS IN THEIR HEADS, STUDS A CIRCULAR GROOVE ON THE END, AND NUTS HAVE INTERLOCKING CIRCLES ON THE SIDE.

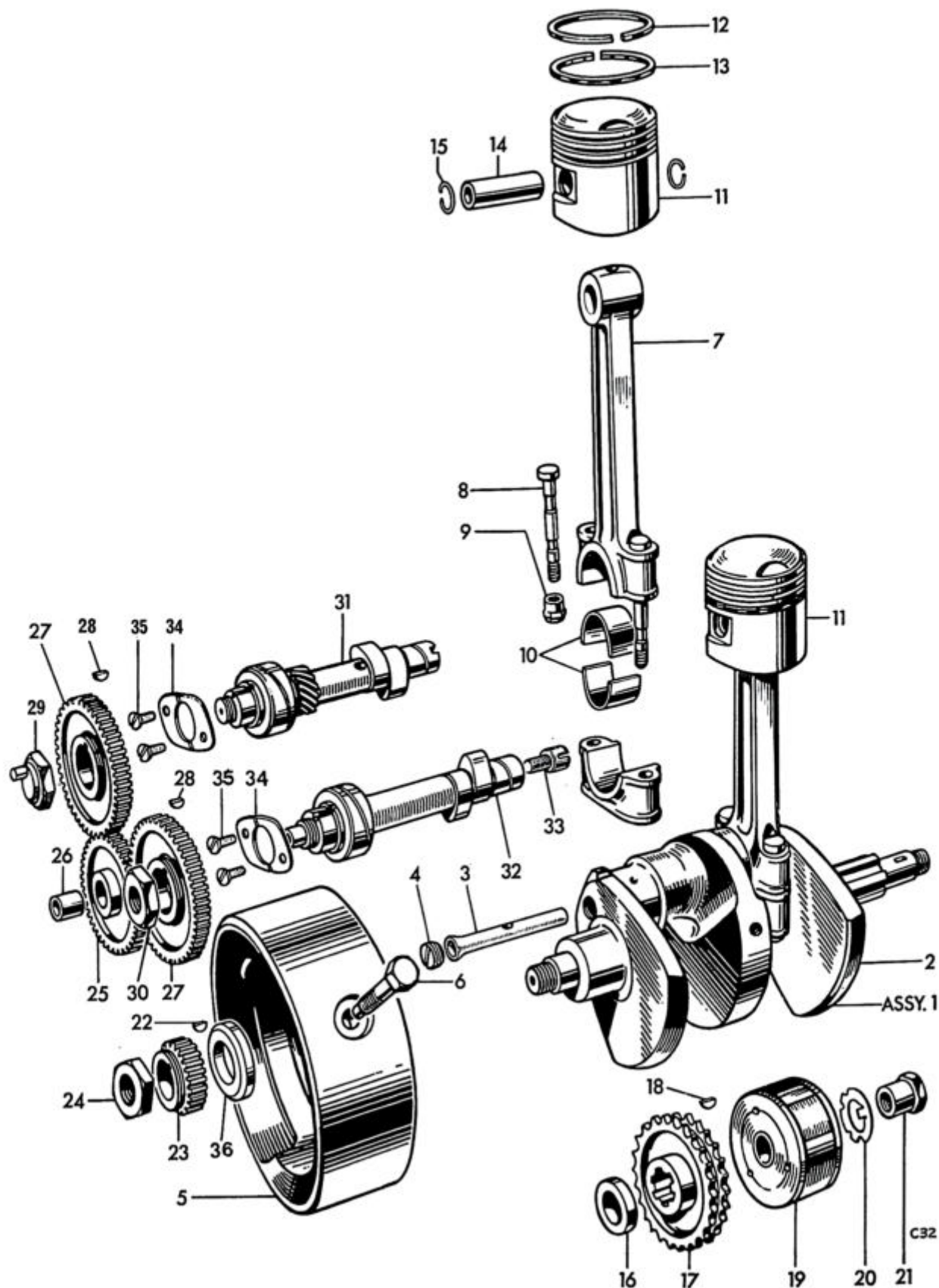


Fig. 1. CRANKSHAFT AND CONNECTING RODS

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
CRANKSHAFT AND CONNECTING RODS				
1	E9489	CRANKSHAFT AND FLYWHEEL ASSEMBLY	1	
2	E9490	Crankshaft	1	
3	E3999	Oil tube	1	
4	E9492	Screwed plug	1	
5	E5870	Flywheel	1	
6	*S1913	Flywheel bolt (1 $\frac{1}{32}$ in. U.H.)	3	
7	E8834	CONNECTING ROD	2	
8	E3705	Connecting rod bolt	2	
9	E2922	Self-locking nut	2	
10	E3706	Big end bearing (available in —.010 and —.020 undersizes)	4	
11	E6884	PISTON COMPLETE C.R. 9.1	2	
12	E6893	Taper compression ring	4	
13	E6894	Oil control ring	2	
14	E6861	Gudgeon pin	2	
15	E6869	Circlip	4	
16	E9505	Distance collar	1	
17	E3734	Engine sprocket, 26T Duplex	1	
18	E3851	Rotor key	1	
19	99-0739	Rotor, type (54213901)	1	
20	E3975	Tab washer	1	
21	S1915	Nut	1	
22	E1580	Key	1	
23	E1771	Timing pinion	1	
24	S1914	Nut	1	
25	E6160	INTERMEDIATE WHEEL	1	
26	E400	Bush	1	
27	E4562	Camshaft wheel	2	
28	E1558	Camshaft key	2	
29	E11007	Inlet camshaft nut	1	
30	E6523	Exhaust camshaft nut	1	
31	E11064	Inlet camshaft	1	
32	E9984	EXHAUST CAMSHAFT	1	T100T
32	E9983	EXHAUST CAMSHAFT	1	T100S
33	E9988	Tachometer drive plug	1	
34	E9502	Retaining plate	2	
35	S1929	Screw (1 $\frac{5}{32}$ in. U.H.)	4	
36	E9503	Clamping washer	1	

* Use D524 Loctite sealant

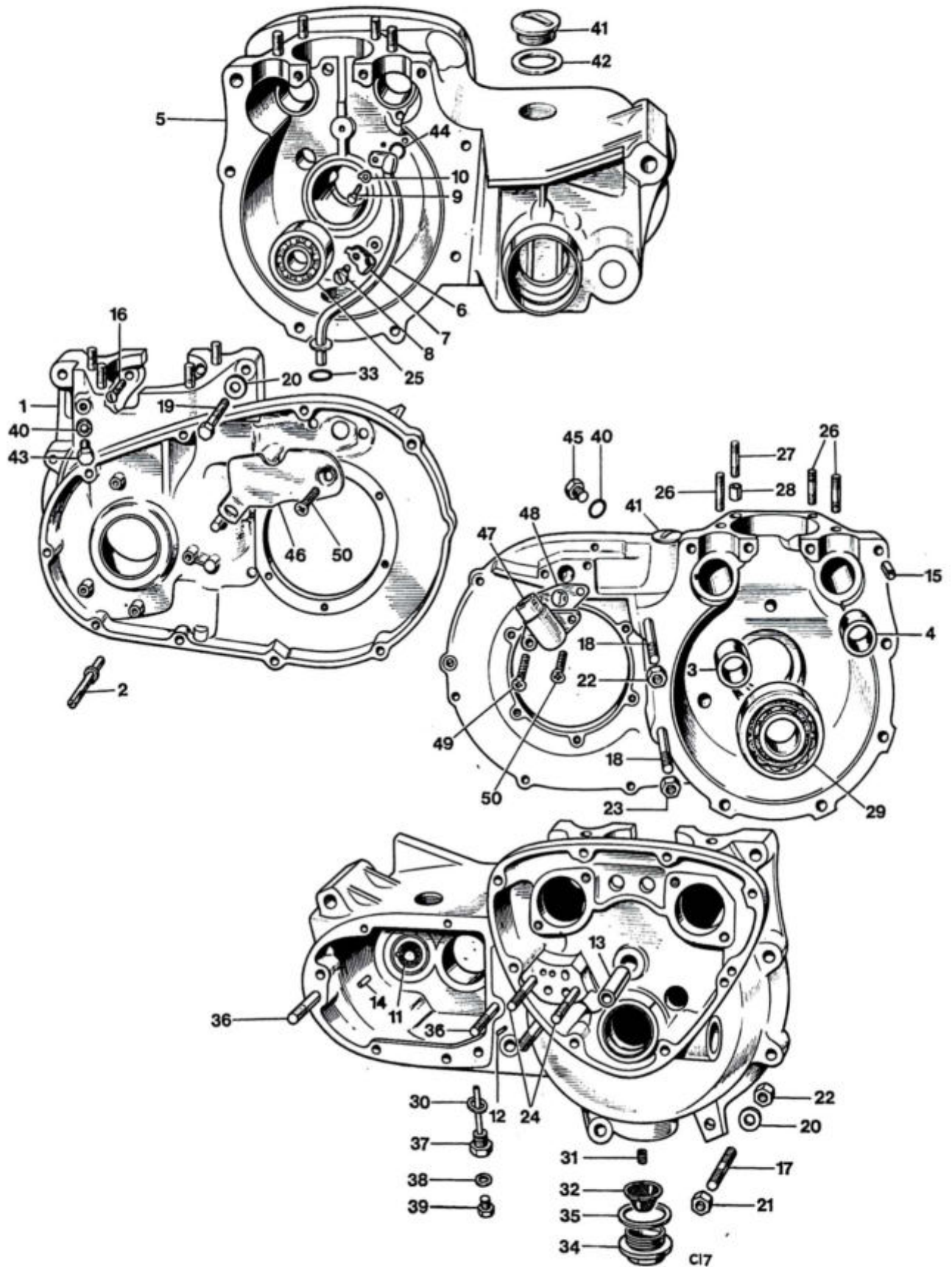


Fig. 2. CRANKCASE

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
CRANKCASE				
1	E11268	CRANKCASE DRIVE SIDE	1	
2	E5976	Pivot pin	1	
3	E3823	Camshaft bush	1	
4	E3823	Camshaft bush	1	
5	E11269	CRANKCASE TIMING SIDE	1	
6	E9496	Oil scavenge pipe	1	
7	E1509	Clip	1	
8	S1920	Screw	1	
9	14-6102	Bolt	1	
10	E7430	Tab washer	1	
11	T1606	Needle roller bearing	1	
12	E6386	Dowel at junction block	Not serviced	
13	E375	Idler gear spindle	1	
14	T912	Peg (at thrust washer)	1	
15	E3716	Hollow dowel	2	
16	S1926	Screw ($2\frac{1}{2}$ in. U.H.)	2	
17	S2006	Stud ($3\frac{1}{8}$ in. O.A.)	1	
18	S1925	Stud ($3\frac{3}{4}$ in. U.H.)	2	
19	S1919	Bolt ($1\frac{5}{8}$ in. U.H.)	1	
20	S25-3	Plain washer	3	
21	14-0302	Nut	3	
22	S1908	Nut	1	
23	14-0302	Nut	1	
24	S1864	Oil pump stud ($1\frac{5}{16}$ in. O.A.)	2	
25	E9494	Right main bearing (ball journal)	1	
26	S1921	Cylinder base stud ($1\frac{1}{2}$ in. O.A.)	6	
27	S1922	Cylinder base stud ($1\frac{7}{8}$ in. O.A.)	2	
28	E1534	Dowel	2	
29	E9493	Left main bearing (Roller journal)	1	
30	T1257	Washer	1	
31	E3724	Filter spring	1	
32	E3722	Filter	1	
33	E7431	Sealing washer	1	
34	E9501	Filter cap	1	
35	E1577	Joint washer	1	
36	S1927	Stud ($3\frac{1}{16}$ in. O.A.)	2	
37	T2167	Drain plug (with level tube)	1	
38	E2441	Fibre washer	1	
39	S543	Level plug	1	
40	E8896	Fibre washer	2	
41	T2166	Filler plug	2	
42	E8782	"O" ring	1	
43	S1871	Blanket plug (L.H. thread)	1	
44	E7431	"O" ring	1	
45	S1872	Plug	1	
46	E11079	Cover plate	1	
47	E9335	Outlet stub—breather	1	
48	E11076	Joint washer	1	
49	E11075	Screw	2	
50	E11077	Screw	1	

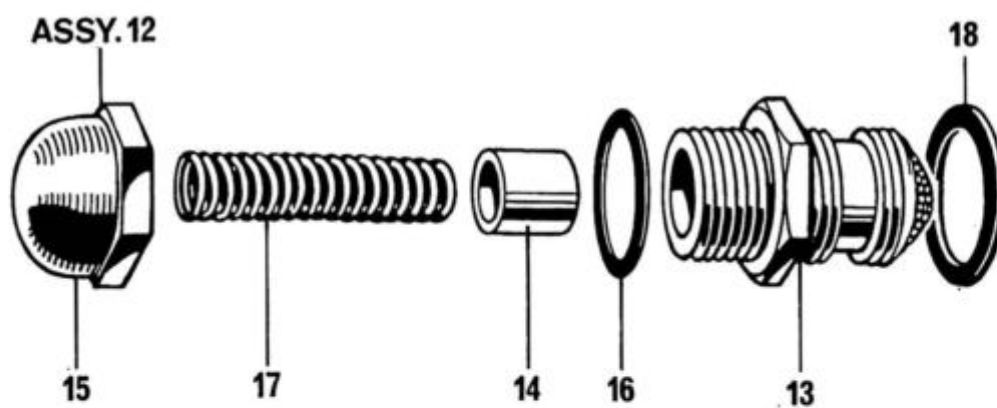
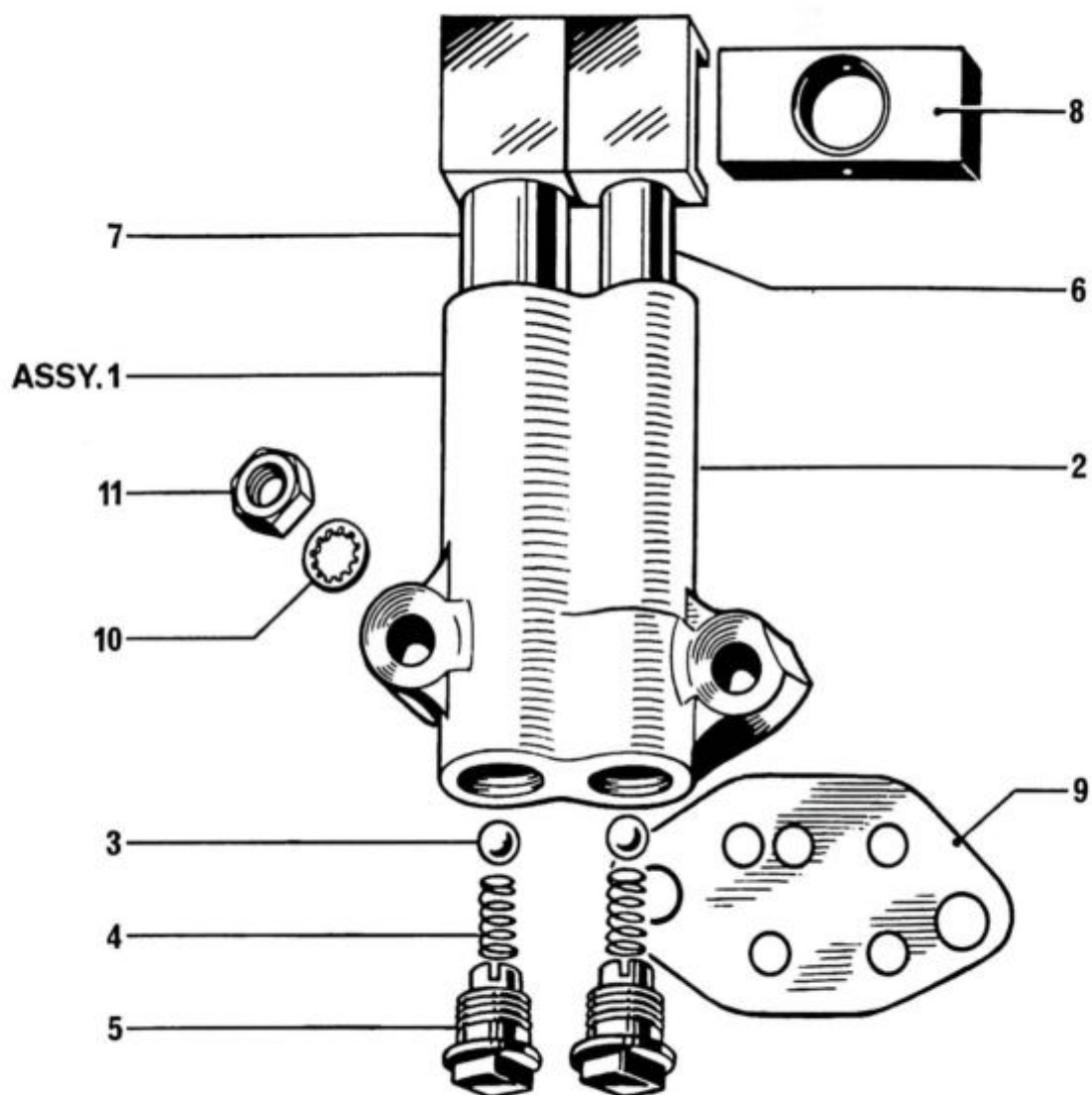


Fig. 3. OIL PUMP AND RELEASE VALVE

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Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
OIL PUMP AND RELEASE VALVE				
1	E6928	OIL PUMP	1	
2	—	Pump body...	Reference only	
3	S70-7	Valve ball	2	
4	E403	Valve spring	2	
5	E2360	Screwed plug	2	
6	GS153	Feed plunger	1	
7	E6681	Scavenge plunger	1	
8	E495	Drive block	1	
9	E3730	Joint washer	1	
10	E3887	Serrated washer	2	
11	S1906	Nut	2	
12	E6595	OIL RELEASE VALVE	1	
13	E7590	Valve body	1	
14	GS251	Piston	1	
15	E6596	Cap	1	
16	E8753	Fibre washer	1	
17	E7591	Main spring	1	
18	E1670	Fibre washer	1	

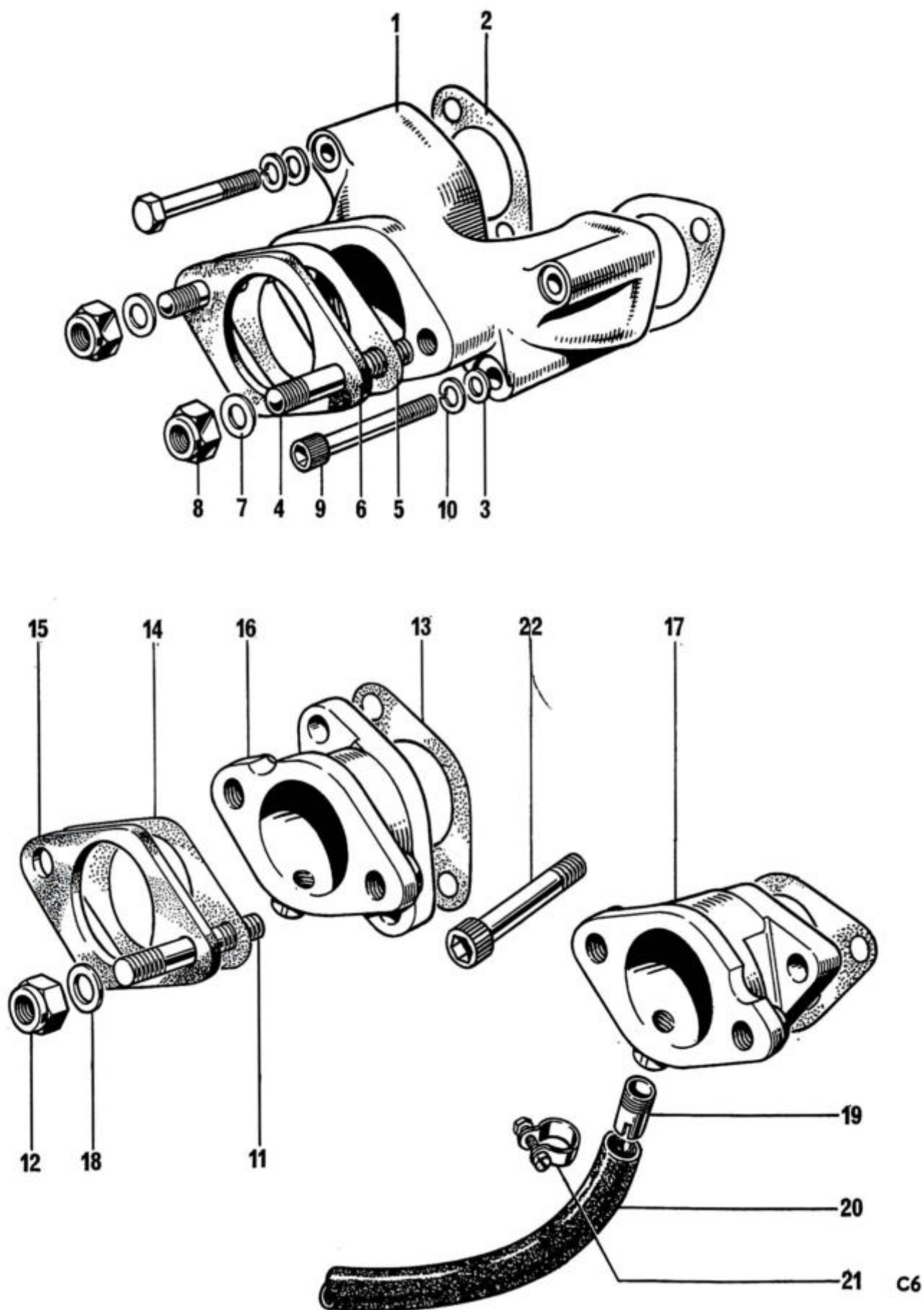


Fig. 4. INLET MANIFOLDS

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
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INLET MANIFOLDS

Single Carburettor Model T100S

1	E7578	Inlet manifold	1	
2	E6772	Joint washer	2	
3	S25-3	Plain washer	4	
4	S582	Stud (1 $\frac{5}{8}$ in. O.A.)	2	
5	E8771	Joint washer	1	
6	E2968	Insulating block	1	
7	S253	Plain washer	2	
8	14-1302	Self-locking nut	2	
9	14-7024	Socket head screw (2 in. U.H.)	2	
10	S648	Spring washer	4	

Twin Carburettor Model T100T

11	S582	Stud (1 $\frac{5}{8}$ in. U.H.)	4	
12	14-1302	Self-locking nut	4	
13	E6772	Joint washer, manifold... ..	2	
14	E8771	Joint washer, insulating block	2	
15	E2968	Insulating block	2	
16	E7136	Left manifold	1	
17	E7137	Right manifold	1	
18	S25-3	Plain washer	4	
19	E6916	Connector	2	
20	E6958	Balance pipe	1	
21	E5473	Clip	2	
22	14-7019	Socket head screw ($\frac{7}{8}$ in. U.H.)	4	

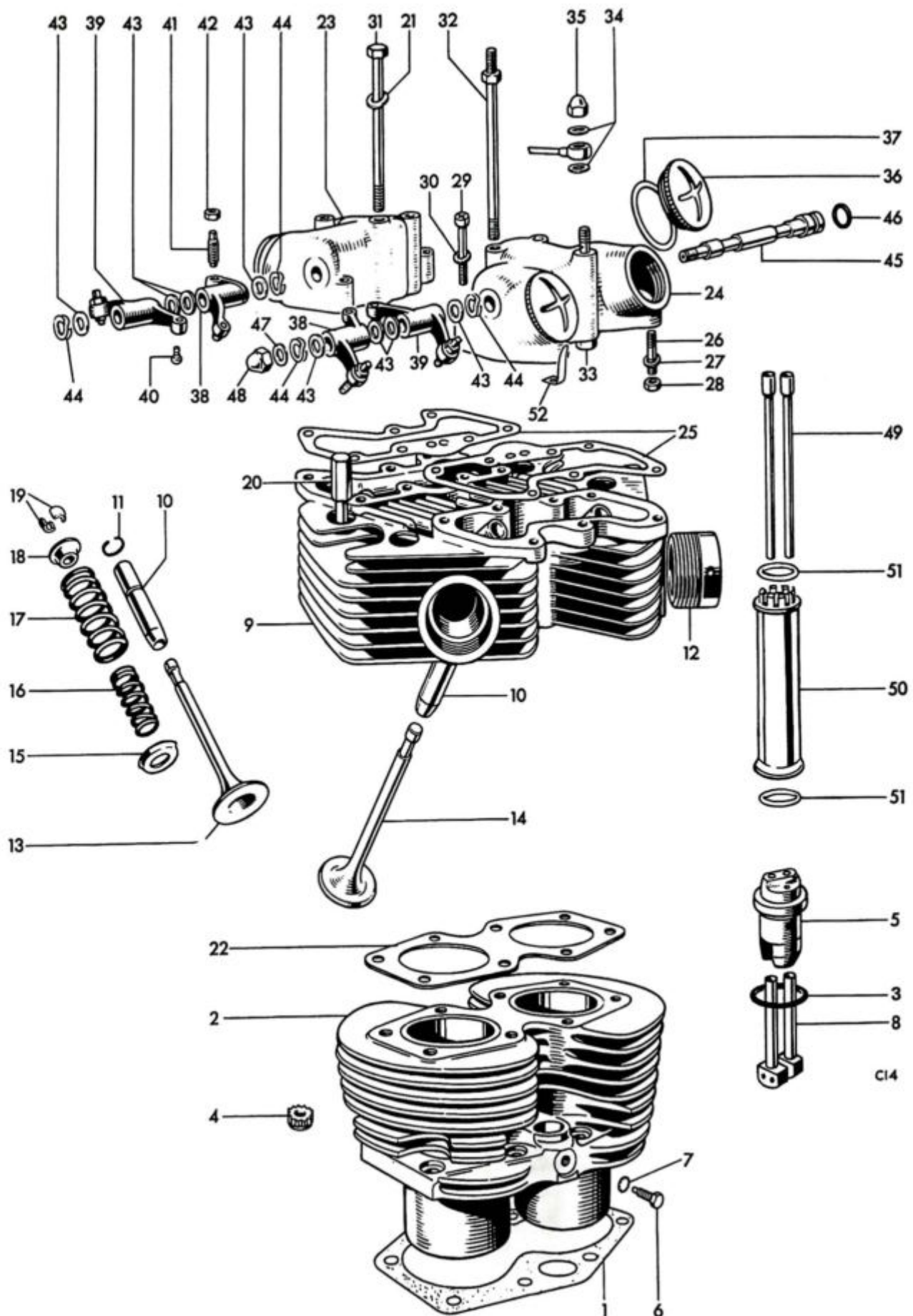


Fig. 5. CYLINDER BLOCK AND HEAD, T100S

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
CYLINDER BLOCK AND HEAD, T100S SINGLE CARBURETTER				
1	E3798	Cylinder base gasket	1	
2	E9719	Cylinder block	1	
3	E7563	"O" ring	2	
4	S692	Nut (12 point)	8	
5	E9352	Tappet guide block	2	
6	H200	Tappet block screw ($\frac{7}{8}$ in. U.H.)	2	
7	E1612	Serrated washer	2	
8	E3753	Tappet	4	
9	E9507	CYLINDER HEAD c/w GUIDES	1	
10	E6301	Valve guide	4	
11	E3209	Valve guide circlips	4	
12	E9510	Exhaust pipe adaptor	2	
13	E6853	Inlet valve	2	
14	E6854	Exhaust valve	2	
15	E6855	Bottom Cup	4	
16	E5946	Inner valve spring	4	
17	E4011	Outer valve spring	4	
18	E3742	Top collar	4	
19	99-0062	Split cotter	8	
20	E4456	Cylinder head bolt (2 $\frac{25}{32}$ in. U.H.)	4	
21	F2184	Plain washer	8	
22	E4675	Cylinder head gasket	1	
23	E3745	Inlet rocker box	1	
24	E3744	Exhaust rocker box	1	
25	E9511	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	14-6609	Screw ($\frac{1}{8}$ in. U.H.)	4	
30	E3857	Plain washer	4	
31	E3794	Cylinder head bolt ($\frac{5}{16}$ 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	E4610	Inspection cap	4	
37	E3751	Fibre washer	4	
38	E3749	ROCKER (right exhaust, left inlet)	2	
39	E3750	ROCKER (left exhaust, right inlet)	2	
40	E7651	Rocker ball pin	4	
41	E3223	Rocker adjusting pin	4	
42	GS662	Adjuster lock nut	4	
43	E2534	Thrust washer, $\frac{7}{8}$ in.	8	
44	E3224	Spring washer	4	
45	E3748	Rocker spindle	2	
46	E3253	"O" ring	2	
47	E1335	Copper washer	2	
48	E1435	Domed nut	2	
49	E4008	Push rod	4	
50	E9512	Cover tube	2	
51	E7310	"O" ring	4	
52	E4671	Locking spring	4	

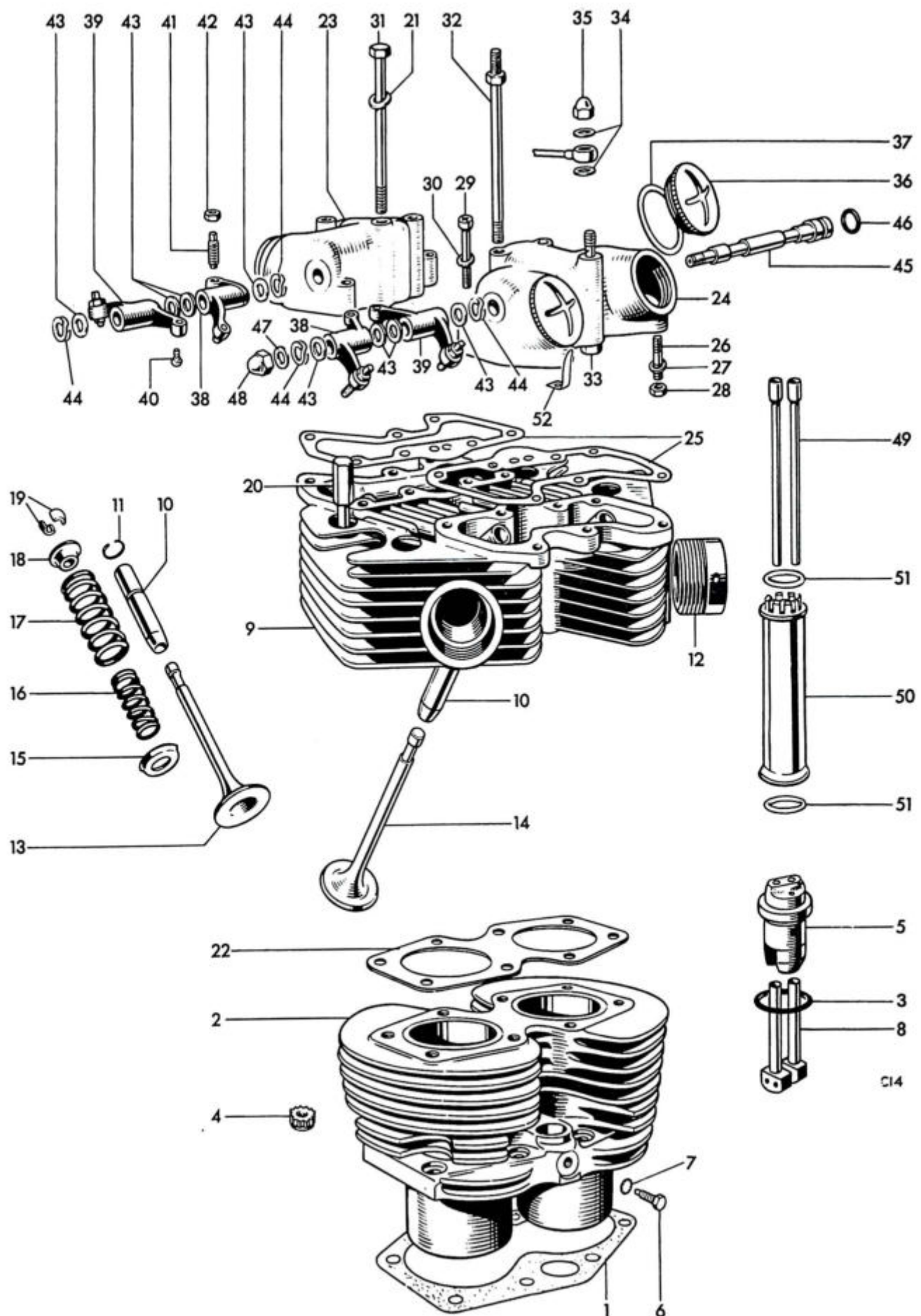


Fig. 6. CYLINDER BLOCK AND HEAD, T100T

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
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CYLINDER BLOCK AND HEAD, T100T TWIN CARBURETTER

1	E3798	Cylinder base gasket	1	
2	E9719	Cylinder block	1	
3	E7563	"O" ring	2	
4	S692	Nut (12 point)	8	
5	E9352	Tappet guide block	2	
6	H200	Tappet block screw ($\frac{7}{16}$ in. U.H.)	2	
7	E1612	Serrated washer	2	
8	E4040	Tappet, Racing type	4	
9	E9507	CYLINDER HEAD c/w GUIDES	1	
10	E6301	Valve guide	4	
11	E3209	Valve guide circlip	4	
12	E9510	Exhaust pipe adaptor	2	
13	E6853	Inlet valve	2	
14	E6854	Exhaust valve	2	
15	E6855	Bottom cup	4	
16	E5946	Inner valve spring	4	
17	E4011	Outer valve spring	4	
18	E3742	Top collar	4	
19	99-0062	Split cotter	8	
20	E4456	Cylinder head bolt ($2\frac{3}{32}$ in. U.H.)	4	
21	F2184	Plain washer	8	
22	E4675	Cylinder head gasket	1	
23	E3745	Inlet rocker box	1	
24	E3744	Exhaust rocker box	1	
25	E9511	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 ($1\frac{1}{4}$ 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	E4610	Inspection cap	4	
37	E3751	Fibre washer	4	
38	E3749	ROCKER (right exhaust, left inlet)	2	
39	E3750	ROCKER (left exhaust, right inlet)	2	
40	E7651	Rocker ball pin	4	
41	E3223	Rocker adjusting pin	4	
42	GS662	Adjuster lock nut	4	
43	E2534	Thrust washer, $\frac{7}{16}$ in.	8	
44	E3224	Spring washer	2	
45	E3748	Rocker spindle	2	
46	E3253	"O" ring	2	
47	E1335	Copper washer	2	
48	E1435	Domed cut	2	
49	E4008	Push rod	4	
50	E9512	Cover tube	2	
51	E7310	"O" ring	4	
52	E4671	Locking spring	4	

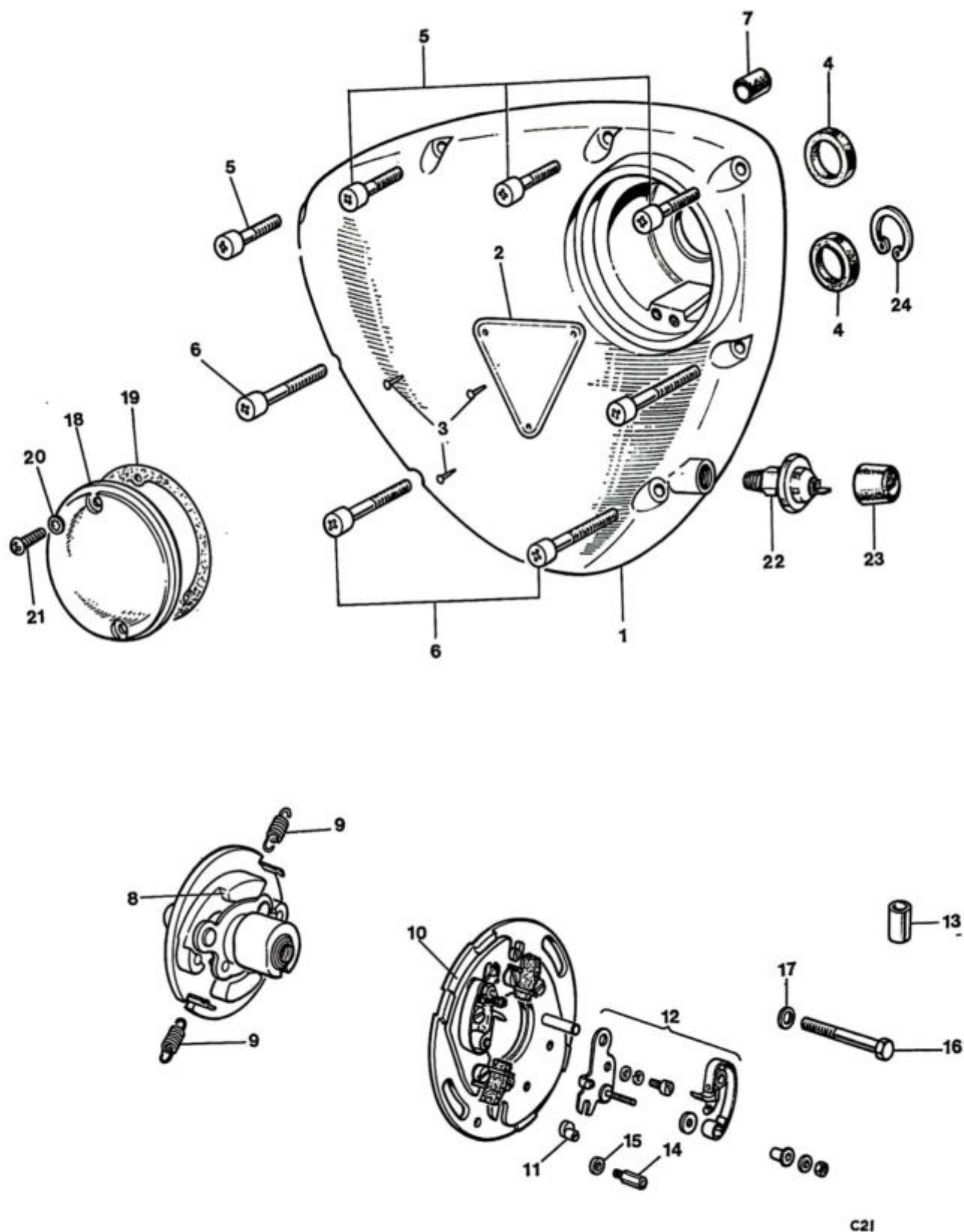


Fig. 7. TIMING COVER AND CONTACT BREAKER

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
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TIMING COVER AND CONTACT BREAKER

1	E9250	Timing cover	1	
2	D1802	Patent plate	1	
3	D208/5	Hammer-drive screw	3	
4	E4568	Oil seal	2	
5	14-6607	Screw ($\frac{7}{8}$ in. U.H.)	4	
6	S1916	Screw ($1\frac{1}{8}$ in. U.H.)	4	
7	T989	Hollow dowel	1	
8	99-0771	AUTO-ADVANCE UNIT (54419340)	1	
9	99-0757	Spring set (54415642)	2	
10	D2244	CONTACT BREAKER PLATE ASSEMBLY (54419097) ...	1	
11	99-0769	Pin adjustment (54419220)	2	
12	99-0772	Contact set (54419827)	2	
13	E4707	Rubber grommet	1	
14	E7680	Pillar bolt	2	
15	E6559	Washer	2	
16	14-0208	Bolt ($2\frac{1}{8}$ in. U.H.)	1	
17	S25-43	Washer	1	
18	E8737	Cover	1	
19	E5049	Joint washer	1	
20	GS299	Serrated washer	2	
21	E7354	Screw	2	
22	D2133	Oil pressure switch	1	
23	D2045	Cover pressure switch	1	
24	E4569	Circlip	1	
Not illus.	E4849	Dowel pin, auto advance to camshaft	1	
Not illus.	D2138	Timing label for C.B. cover	1	
Not illus.	E9526	Blanking plug (to replace oil pressure switch)	Available	

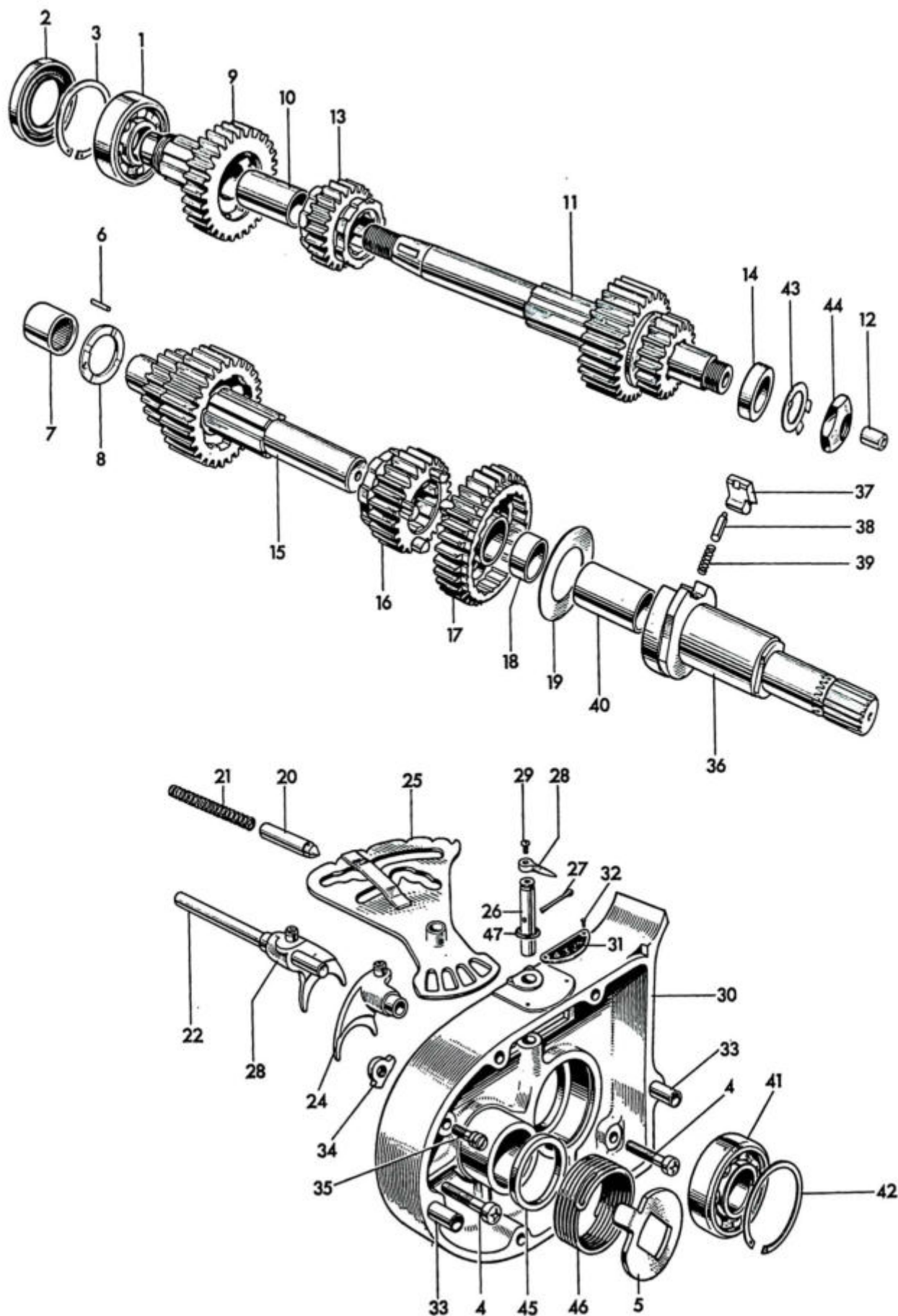


Fig. 8. GEARBOX SHAFTS, BEARINGS AND INNER COVER

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
GEARBOX SHAFTS, BEARINGS AND INNER COVER				
1	T665	High gear bearing (ball journal)	1	
2	T1478	Oil seal	1	
3	W680	Circlip	1	
4	14-6608	Screw (1 in. U.H.)	2	
5	T1422	Return spring plate	1	
6	T912	Peg	1	
7	T1606	Layshaft bearing	1	
8	T1607	Thrust washer	1	
9	T3991	MAINSHAFT HIGH GEAR (22T)	1	
10	T1405	High gear bush	1	
11	T4039	MAINSHAFT c/w THIRD AND LOW GEARS (16/24T) ...	1	
12	T1391	Clutch rod bush	1	
13	T3994	Mainshaft second gear (21T)	1	
14	T1411	Mainshaft distance piece	1	
15	T4041	Layshaft c/w second and high gears (15/23T) ...	1	
16	T3997	Layshaft third gear (20T)	1	
17	T3999	LAYSHAFT LOW GEAR (27T)	1	
18	T1393	Low gear bush	1	
19	T1426	Pawl retaining disc	1	
20	T3660	Camplate index plunger	1	
21	T3661	Index plunger spring	1	
22	T1457	Selector fork spindle	1	
23	T1480	Mainshaft selector fork	1	
24	T1481	Layshaft selector fork	1	
25	T1768	Gear selector camplate	1	
26	T1418	Camplate spindle	1	
27	—	Split pin ($\frac{1}{8}$ in. x $\frac{3}{4}$ in.)	Reference only	
28	T1416	Gear indicator pointer	1	
29	H688	Screw ($\frac{5}{16}$ in. U.H.)	1	
30	T3754	Inner cover	1	
31	T1417	Gear indicator plate	1	
32	D208/5	Indicator plate rivet	2	
33	T1440	Hollow dowel	2	
34	T1157	Kickstarter stop plate	1	
35	T1390	Stop plate and anchor screw	1	
36	T1981	KICKSTARTER SPINDLE	1	
37	T1431	Kickstarter pawl	1	
38	T1282	Plunger	1	
39	T1161	Plunger spring	1	
40	T1897	Needle roller bearing	1	
41	T1469	Mainshaft bearing (Ball journal)	1	
42	T280	Circlip	1	
43	T732	Tab washer	1	
44	S594	Mainshaft nut	1	
45	T1464	Distance piece	1	
46	T1441	Kickstarter return spring	1	
47	E4803	"O" ring	1	

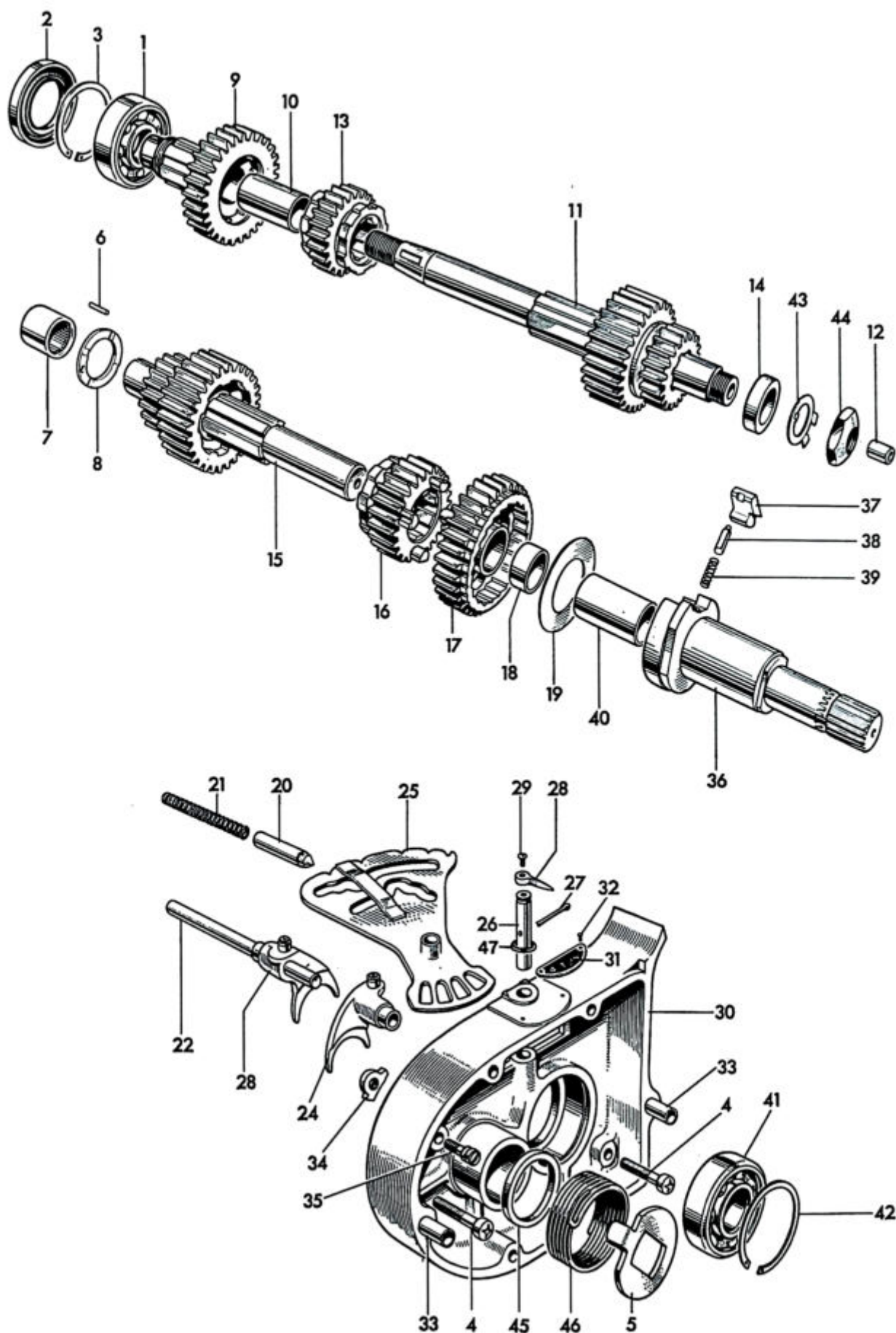


Fig. 8. GEARBOX SHAFTS, BEARINGS AND INNER COVER

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
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WIDE RATIO GEARS

(Available if required)

9	T4029	MAINSHAFT HIGH GEAR (23T)	1	
11	T4040	MAINSHAFT c/w THIRD AND LOW GEAR (15/24T) ...	1	
13	T4031	Mainshaft second gear (20T)	1	
15	T4042	Layshaft c/w second and high gear (14/24T) ...	1	
16	T1839	Layshaft third gear (20T)	1	
17	T4033	LAYSHAFT LOW GEAR (29T)	1	

CLOSE RATIO GEARS

(Available if required)

9	T2532	MAINSHAFT HIGH GEAR (20T)	1	
11	T2276	MAINSHAFT c/w THIRD AND LOW GEAR (16/22T) ...	1	
13	T1832	Mainshaft second gear (20T)	1	
15	T1972	Layshaft c/w second and high gear (17/23T) ...	1	
16	T1842	Layshaft third gear (21T)	1	
17	T1950	LAYSHAFT LOW GEAR (27T)	1	

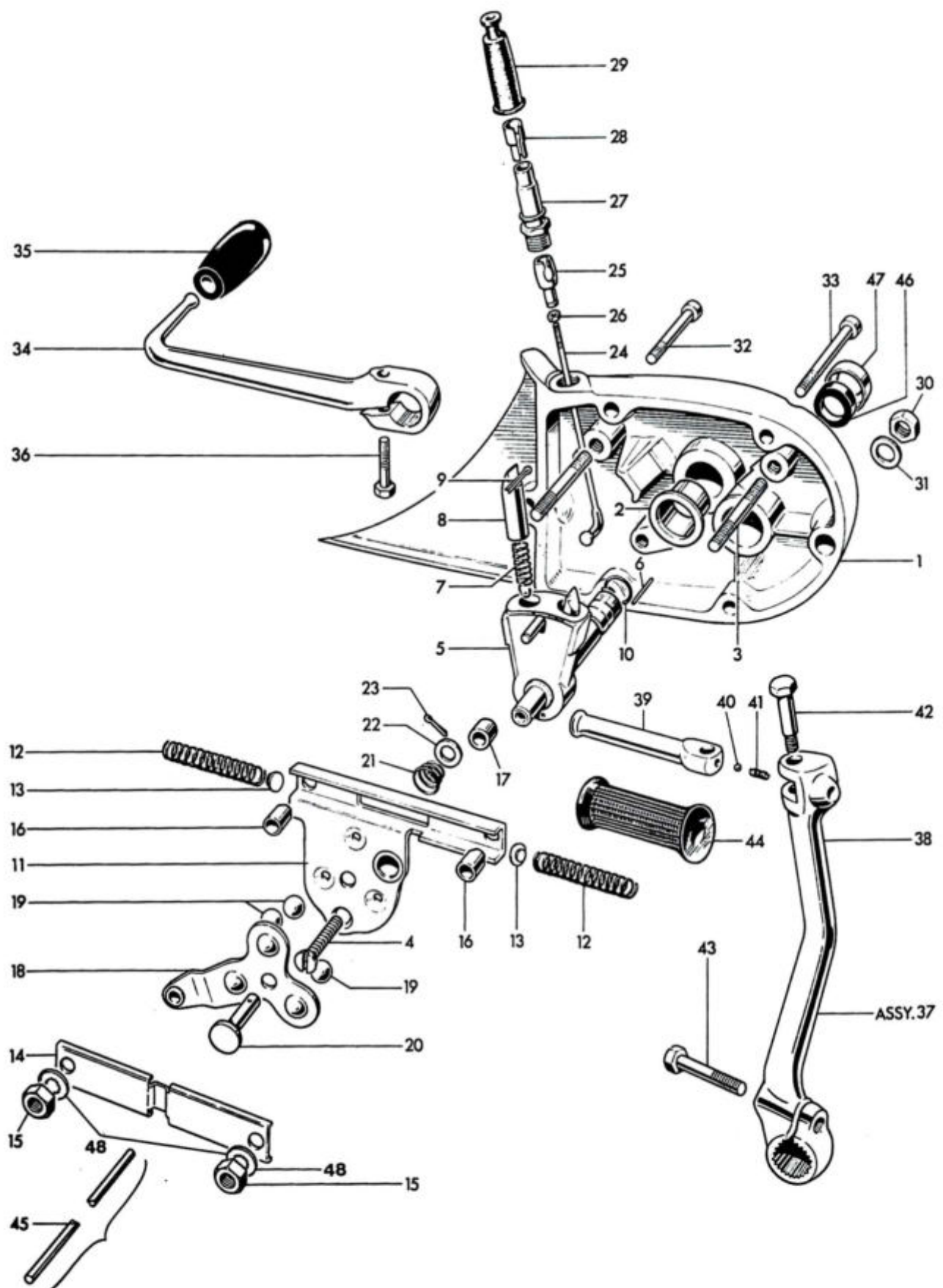


Fig. 9. GEARBOX OUTER COVER AND LEVERS

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
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GEARBOX OUTER COVER AND LEVERS

1	T3755	GEARBOX OUTER COVER	...	...	...	...	1	
2	T1395	Gearchange spindle bush...	...	...	...	...	1	
3	S1928	Stud ($1\frac{5}{8}$ in. O.A.)	...	...	...	...	2	
4	14-6505	Screw ($\frac{7}{8}$ in. O.A.)	...	...	...	...	1	
5	T1942	GEARCHANGE QUADRANT	...	...	...	...	1	
6	T1474	Spring retaining pin	...	...	...	...	2	
7	T1436	Plunger spring	...	...	...	...	2	
8	T1396	Selector plunger	...	...	...	...	2	
9	—	Split pin ($\frac{5}{16}$ in. x $\frac{3}{4}$ in.)	...	...	...	...		Reference only
10	E3309	Sealing ring	...	...	...	...	1	
11	T1871	Return spring housing	...	...	...	...	1	
12	T1877	Return spring	...	...	...	...	2	
13	T1878	Thrust button	...	...	...	...	2	
14	T1977	Cover	...	...	...	...	1	
15	S1877	Nut	...	...	...	...	2	
16	T1876	Distance piece	...	...	...	...	2	
17	T1874	Distance piece	...	...	...	...	1	
18	T1880	Clutch lever	...	...	...	...	1	
19	T1771	Ball, $\frac{3}{8}$ in. diam.	...	...	...	...	3	
20	T1710	Shaft	...	...	...	...	1	
21	T1712	Spring	...	...	...	...	1	
22	GS127	Plain washer	...	...	...	...	1	
23	—	Split pin ($\frac{5}{16}$ in. x $\frac{1}{2}$ in.)	...	...	...	...		Reference only
24	T1945	Spoke	...	...	...	...	1	
25	T1946	Connector	...	...	...	...	1	
26	T1937	Nut	...	...	...	...	1	
27	T3784	Abutment	...	...	...	...	1	
28	T2062	Adaptor, short	...	...	...	...		As required
28	T2063	Adaptor, long (For cable with short outer cover)	...	...	...	...		As required
29	T1646	Rubber cover	...	...	...	...	1	
30	14-0302	Nut	...	...	...	...	2	
31	S25-3	Plain washer	...	...	...	...	2	
32	S1918	Screw ($2\frac{3}{8}$ in. U.H.)	...	...	...	...	2	
33	S1917	Screw ($2\frac{3}{8}$ in. U.H.)	...	...	...	...	2	
34	T1435	Gearchange lever	...	...	...	...	1	
35	T2450	Pedal rubber	...	...	...	...	1	
36	W932	Bolt (1 in U.H.)	...	...	...	...	1	
37	T3797	KICKSTARTER LEVER COMPLETE	...	...	...	...	1	
38	T3742	Kickstarter crank	...	...	...	...	1	
39	T1272	Kickstarter pedal	...	...	...	...	1	
40	S70-3	Steel ball ($\frac{1}{4}$ in. diam.)	...	...	...	...	1	
41	T1167	Index spring	...	...	...	...	1	
42	S541	Pivot bolt	...	...	...	...	1	
43	S644	Clamp bolt ($1\frac{5}{16}$ in. U.H.)	...	...	...	...	1	
44	T2330	Pedal rubber	...	...	...	...	1	
45	T1970	Clutch operating rod	...	...	...	...	1	
46	T2239	Oil seal	...	...	...	...	1	
47	T2238	Oil seal cover	...	...	...	...	1	
48	E1612	Serrated washer	...	...	...	...	2	

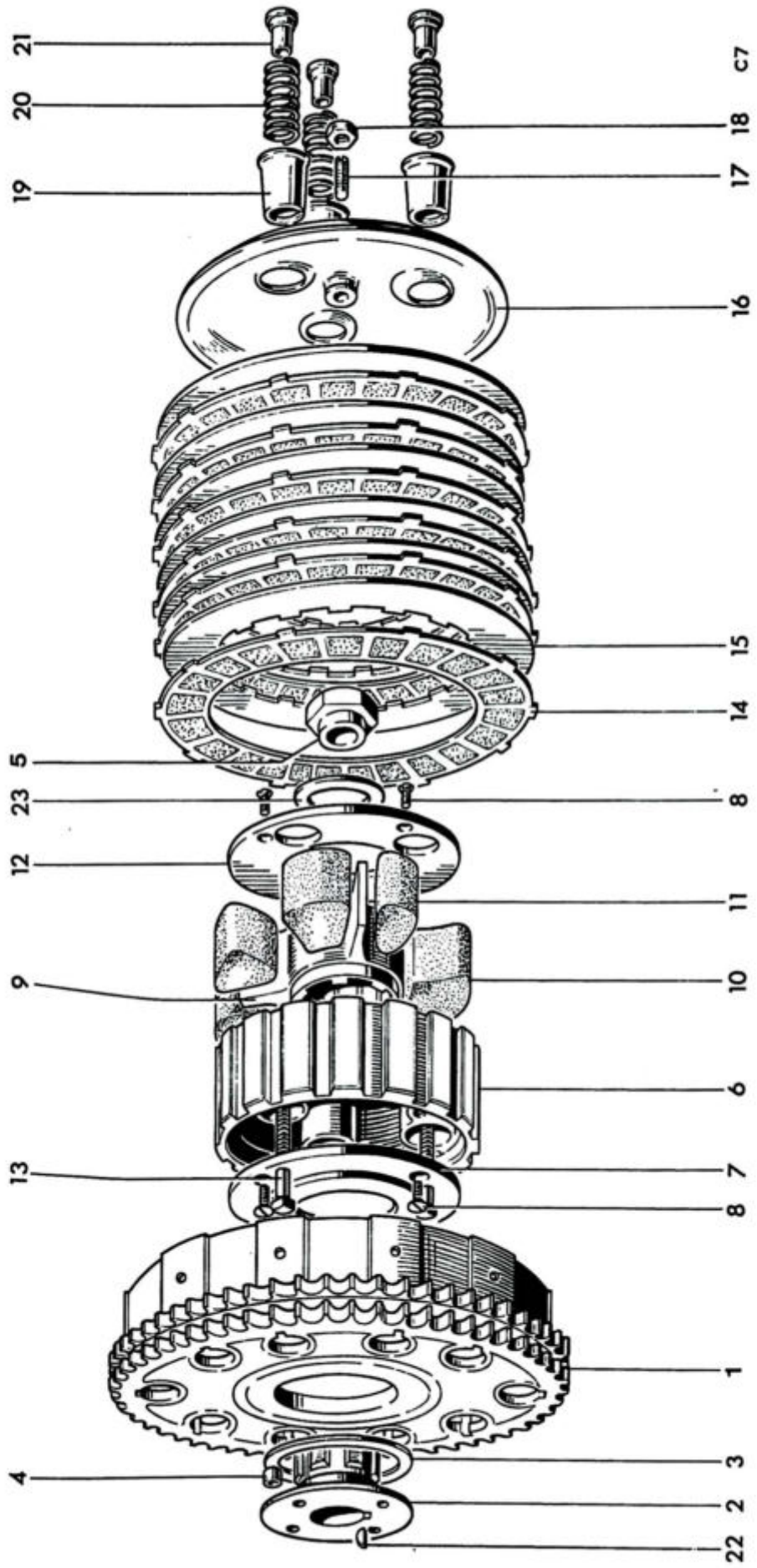


Fig. 10. CLUTCH

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
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CLUTCH

1	T1570	Sprocket and housing	...	...	...	...	...	...	1
2	T3930	Hub	...	...	...	...	...	...	1
3	T3931	Thrust washer	...	...	...	...	...	...	1
4	T394	Roller	...	...	...	...	...	...	20
5	S586	Nut	...	...	...	...	...	...	1
6	T1719	Centre (Shock absorber body)	...	...	...	...	...	...	1
7	T1720	Inner plate	...	...	...	...	...	...	1
8	T1040	Countersunk screw (0.417 in. U.H.)	...	...	...	...	...	...	6
9	T2538	Shock absorber spider	...	...	...	...	...	...	1
10	T1722	Drive rubber (large)	...	...	...	...	...	...	3
11	T1723	Rebound rubber (small)	...	...	...	...	...	...	3
12	T1724	Outer plate	...	...	...	...	...	...	1
13	T423A	Screwed pin (1 $\frac{1}{2}$ in. U.H.)	...	...	...	...	...	...	3
14	T1362	Driving plate (bonded)	...	...	...	...	...	...	6
15	T1363	Driven plate (plain)	...	...	...	...	...	...	6
16	T2156	Pressure plate	...	...	...	...	...	...	1
17	T2159	Adjuster pin	...	...	...	...	...	...	1
18	14-0403	Nut	...	...	...	...	...	...	1
19	T1931	Spring cup	...	...	...	...	...	...	3
20	T1560	Spring	...	...	...	...	...	...	3
21	T2526	Nut	...	...	...	...	...	...	3
22	S66-1	Key	...	...	...	...	...	...	1
23	T2279	Washer	...	...	...	...	...	...	1

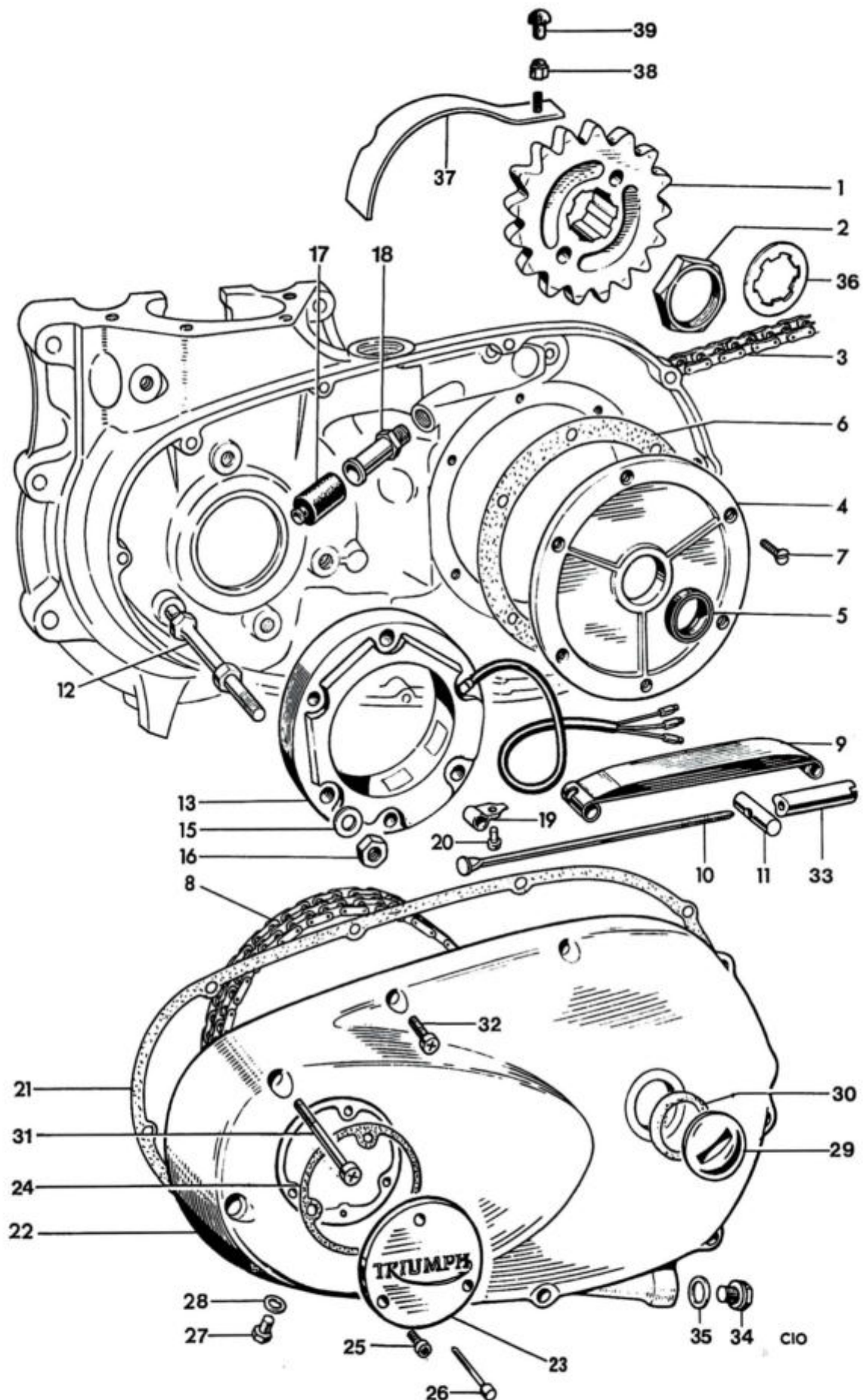


Fig. 11. CHAINCASE AND CHAINS

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
CHAINCASE AND CHAINS				
1	T1476	Gearbox sprocket (18 teeth) ...	1	
1	T1476/19	Gearbox sprocket (19 teeth) ...	Available	
1	T1569	Gearbox sprocket (20 teeth) ...	Available	
2	T2536	Gearbox sprocket nut ...	1	
3	D444	Rear chain, $\frac{5}{8}$ in. x $\frac{3}{8}$ in. x 102L ...	1	
4	E7037	Cover plate ...	1	
5	E7565	Oil seal ...	1	
6	E3832	Joint washer ...	1	
7	E3821	Countersunk screw ($\frac{5}{16}$ in. U.H.) ...	6	
8	D358	Primary chain, $\frac{3}{8}$ in. Duplex 78L ...	1	
9	E6283	Chain tensioner blade ...	1	
10	E4152	Tie rod ...	1	
11	E4148	Trunnion ...	1	
12	E9495	Stud ($3\frac{5}{16}$ in. O.A.) ...	3	
13	99-1006	Stator, RM 21 (47205) ...	1	
14	E1612	Serrated washer ...	1	
15	S25-3	Plain washer ...	3	
16	14-0702	Nut ...	3	
17	E4144	Cable seal nut grommet ...	1	
Not illus.	E11345	Cable seal nut grommet ...	1	
18	E8992	Sleeve nut ...	1	
19	E1509	Clip ...	1	
20	S1920	Setscrew ($\frac{1}{4}$ in. U.H.) ...	1	
21	E4156	Joint washer ...	1	
22	E9249	Chaincase ...	1	
23	T2440	Rotor cover ...	1	
24	T2442	Joint washer ...	1	
25	14-6505	Screw ...	3	
26	T2537	Ignition pointer... ...	1	
27	14-6101	Level plug ...	1	
28	E2441	Copper washer ...	2	
29	T2166	Filler plug ...	1	
30	E8782	"O" ring ...	1	
31	S1878	Screw ($2\frac{3}{4}$ in. U.H.) ...	3	
32	14-6609	Screw ($1\frac{5}{16}$ in. U.H.) ...	7	
33	E9703	Adjuster sleeve nut ...	1	
34	T2259	Drain plug ...	1	
35	T1738	Fibre washer ...	1	
36	T2056	Tab washer ...	1	
37	E7571	Crankcase protector ...	1	
38	14-1301	Self-locking nut ...	1	
39	E7573	Grommet ...	1	

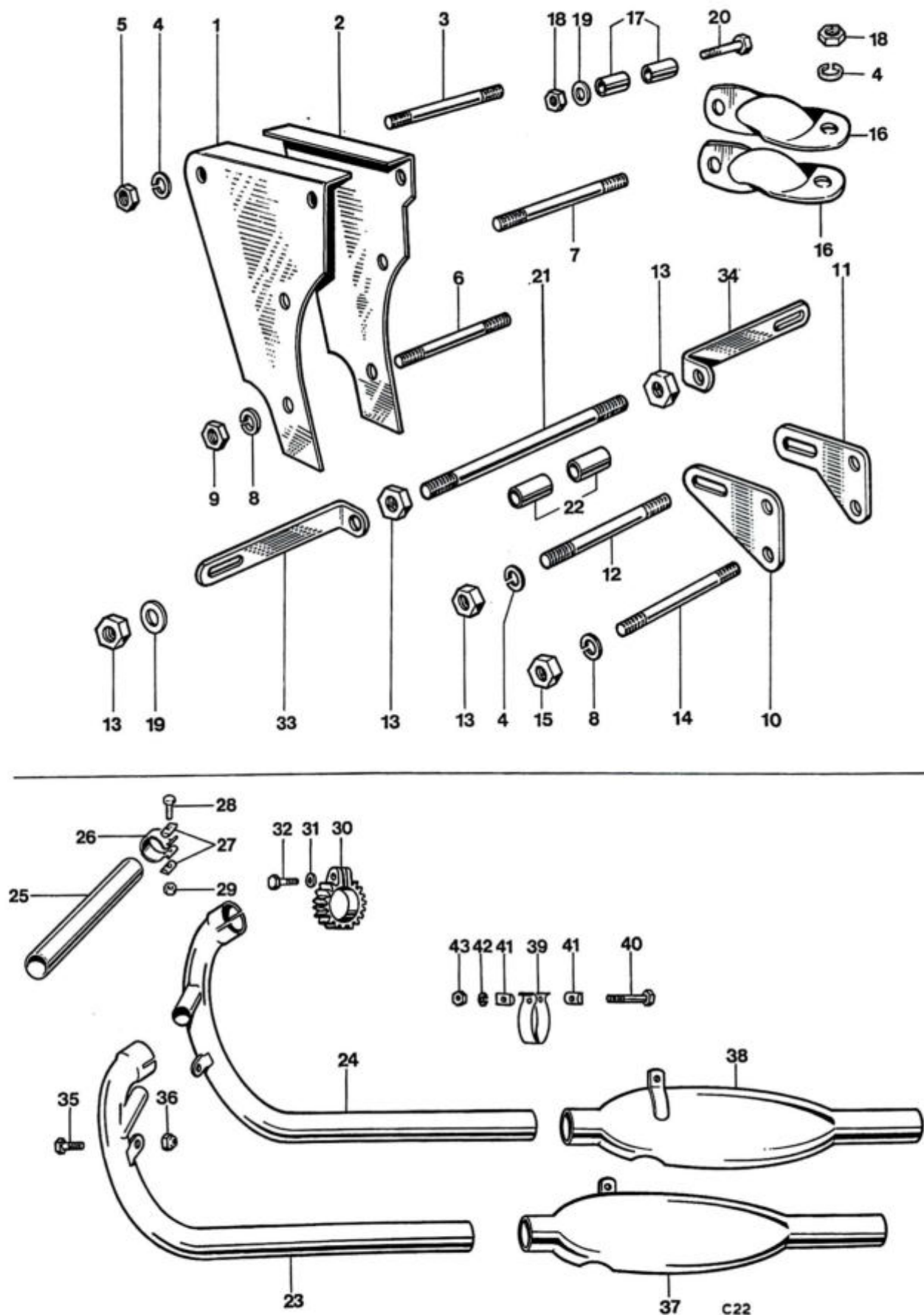


Fig. 12. ENGINE FITTINGS AND EXHAUST SYSTEM

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
ENGINE FITTINGS AND EXHAUST SYSTEM				
1	F7333	Left front engine plate...	1	
2	F7334	Right front engine plate	1	
3	S2007	Stud (3½ in. O.A.)	1	
4	S26-1	Spring washer ...	8	
5	14-0303	Nut ...	2	
6	S2006	Stud (3½ in. O.A.)	2	
7	S2005	Stud (4 in. O.A.)	1	
8	S26-3	Spring washer ...	8	
9	14-0302	Nut ...	3	
10	F4229	Left rear engine plate ...	1	
11	F4230	Right rear engine plate	1	
12	S2008	Stud (4½ in. O.A.)	1	
13	14-0303	Nut ...	6	
14	S2009	Stud (4½ in. O.A.)	2	
15	14-0302	Nut ...	5	
16	E4778	Torque stay ...	2	
17	E7119	Distance piece ...	1	
18	14-0302	Nut ...	2	
19	F5532	Plain washer ...	2	
20	14-0220	Bolt (1½ in. U.H.)	1	
21	S2004	Stud (7½ in. O.A.)	1	
22	F4197	Distance piece ...	2	
23	E9662	Left exhaust pipe	1	
24	E9663	Right exhaust pipe	1	
25	E9888	Coupling pipe ...	1	
26	E7512	Clip ...	2	
27	E3768	"D" washers ...	4	
28	14-0219	Bolt ...	2	
29	14-0302	Nut ...	2	
30	E4947	Finned clip ...	2	
31	E410A	Hemispherical washer ...	2	
32	E409	Bolt (1½ in. U.H.)	2	
33	E7641	Left bracket ...	1	
34	E7642	Right bracket ...	1	
35	E6179	Bolt (½ in. U.H.)	2	
36	E7471	Self-lock nut ...	2	
37	E4157	Left silencer ...	1	
38	E4158	Right silencer ...	1	
39	E2271	Clip ...	2	
40	14-0219	Bolt (1½ in. U.H.)	2	
41	E3768	"D" washer ...	4	
42	S26-3	Spring washer ...	2	
43	S1908	Nut ...	2	

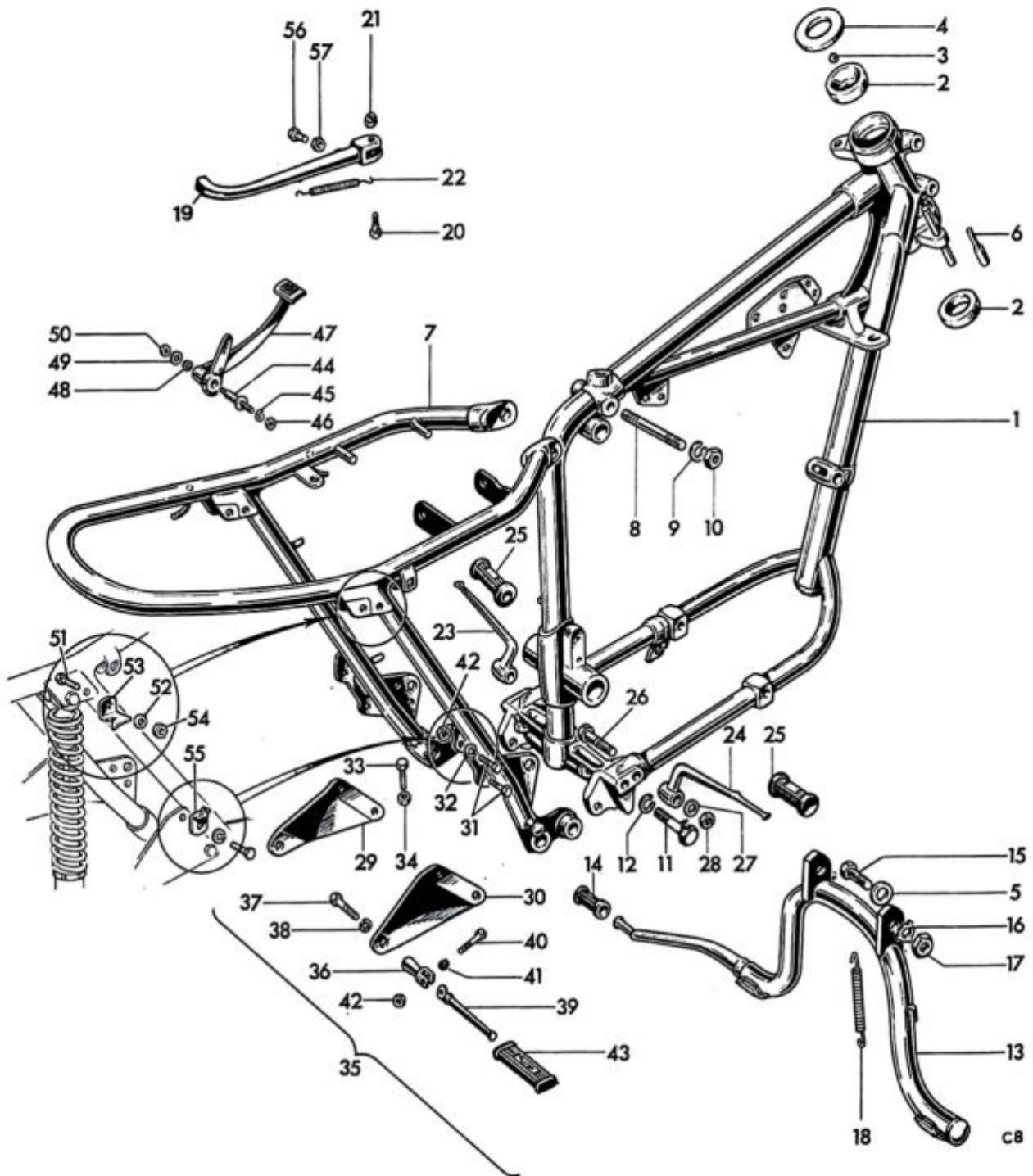


Fig. 13. FRAME

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
FRAME				
1	F10034	Front frame	1	
2	H111	Steering race cup	2	
3	S70-3	Steel ball ($\frac{1}{4}$ in. dia.)	40	
4	H1018	Top cone and dust cover	1	
5	F5679	Washer	2	
6	F7155	Steering stops	2	
7	F8038	Rear frame	1	
8	S1801	Stud ($3\frac{7}{8}$ in. O.A.)	1	
9	S25-2	Spring washer	2	
10	14-1303	Nut	2	
11	14-0115	Bolt	2	
12	99-0046	Spring washer	2	
13	F7692	Centre stand	1	
14	T2331	Pedal rubber	1	
15	F5678	Pivot bolt	2	
16	F4484	Tab washer	2	
17	F2725	Nut	2	
18	F3617	Return spring	1	
19	F11560	Prop stand	1	
20	F7021	Pivot bolt	1	
21	14-0703	Self-locking nut	1	
22	F8382	Return spring	1	
23	F4214	Left footrest	1	
24	F4215	Right footrest	1	
25	NF704	Pedal rubber	2	
26	14-0251	Bolt ($2\frac{1}{4}$ in. U.H.)	2	
27	F4370	Plain washer	2	
28	14-1304	Nut	2	
29	F5087	Left pillion footrest support	1	
30	F5088	Right pillion footrest support	1	
31	14-0115	Bolt ($3\frac{3}{4}$ in. U.H.)	4	
32	S26-3	Spring washer	4	
33	F7705	Pedal stop screw	1	
34	14-0302	Nut	2	
35	F9369	PILLION FOOTREST	2	
36	F9370	Footrest hanger	2	
37	S1910	Bolt ($1\frac{3}{8}$ in. U.H.)	2	
38	S26-1	Spring washer	2	
39	F1694	Pedal	2	
40	F9371	Pivot bolt	2	
41	F2277	Spring washer	2	
42	14-0302	Nut	6	
43	F1695	Pedal rubber	2	
44	F7706	Brake pedal spindle	1	
45	99-0050	Spring washer	1	
46	14-0405	Nut	1	
47	F7703	Brake pedal	1	
48	S26-16	Spring washer	1	
49	S25-2	Plain washer	1	
50	14-0403	Nut	1	
51	14-0102	Bolt ($\frac{5}{8}$ in. U.H.)	1	
52	F5432	Inflator top bracket	1	
53	S25-43	Plain washer	1	
54	14-0401	Nut	1	
55	F5433	Inflator bottom bracket	1	
56	14-0216	Bolt ($1\frac{1}{8}$ in. U.H.)	1	
57	14-0402	Nut	1	

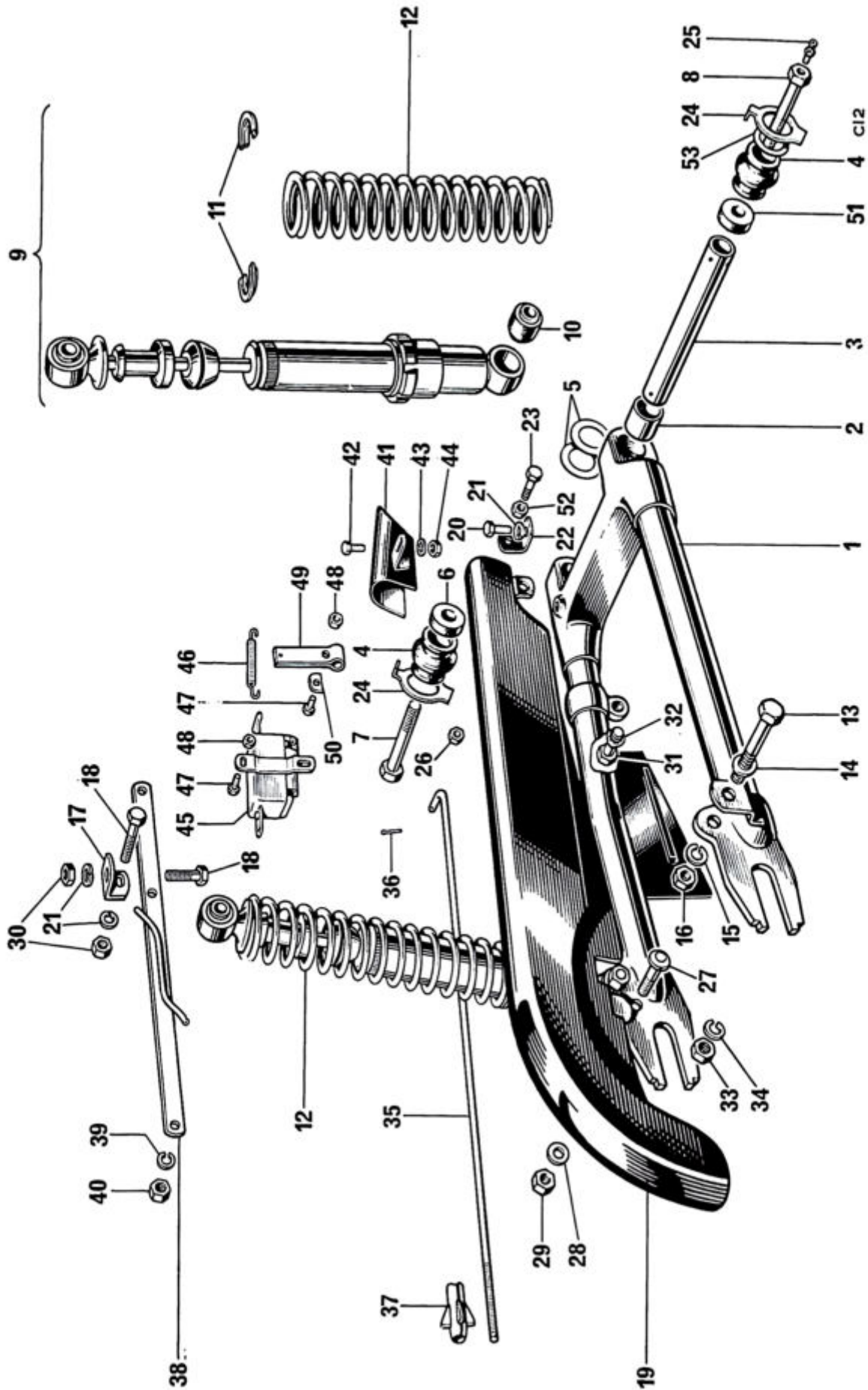


Fig. 14. SWINGING FORK, SUSPENSION UNITS AND CHAINGUARD

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
SWINGING FORK, SUSPENSION UNITS AND CHAINGUARD				
1	F7375	SWINGING FORK	1	
2	F4076	Pivot bush	2	
3	F7342	Spindle	1	
4	F7270	Gaiter	2	
5	F4385	Shim 0.003 in.	As required	
5	F4386	Shim 0.005 in.	As required	
6	F10037	Left distance piece	1	
7	S580	Left bolt	1	
8	S579	Right bolt	1	
9	D2023	SUSPENSION UNIT (64052106)	2	
10	99-0122	Bonded bush (64533645)	4	
11	99-0107	Spring retainer (9054/171)	4	
12	99-1047	Spring, 145 lbs. chrome (64544234)	2	
13	14-0235	Unit fixing bolt (1 $\frac{1}{8}$ in. U.H.)	4	
14	S25-2	Plain washer	6	
15	S26-1	Spring washer	2	
16	14-0303	Nut	2	
17	F11568	Bracket	1	
18	14-0102	Bolt	2	
19	F9753	Chainguard	1	
20	DS57	Bolt ($\frac{1}{8}$ in. U.H.)	1	
21	S26-2	Spring washer	3	
22	F4134	Front bracket	1	
23	14-0113	Bolt ($\frac{9}{16}$ in. U.H.)	1	
24	F7343	Tab washer	2	
25	NW100	Lubricator	1	
26	14-0702	Self-locking nut	1	
27	F9387	Stepped bolt	1	
28	S25-3	Plain washer	1	
29	14-0302	Nut	1	
30	14-0401	Nut U.N.	2	
31	S581	Bolt	1	
32	E2288	Serrated washer	1	
33	DS47	Nut	1	
34	99-0046	Spring washer	1	
35	W3450	Brake operating rod	1	
36	—	Split pin ($\frac{1}{8}$ in. x $\frac{1}{2}$ in.)	Reference only	
37	F7387	Adjuster nut	1	
38	F11566	Brake torque stay	1	
39	99-0046	Torque stay washer	1	
40	14-0304	Torque stay nut	1	
41	F6046	Front chainguard	1	
42	DS57	Bolt	1	
43	E1612	Serrated washer	1	
44	14-0301	Nut U.N.	1	
45	99-0725	Stop lamp switch (54033234)	1	
46	F3158	Spring (315738)	1	
47	T1076	Bolt ($\frac{3}{8}$ in. U.H.)	3	
48	F4717	Self-locking nut	5	
49	F5687	Lever	1	
50	F5413	"D" washer	1	
51	F7774	Right distance piece	1	
52	14-0702	Nut	1	
53	F4078	Thrust washer	1	

ASSEMBLY REF. No.1

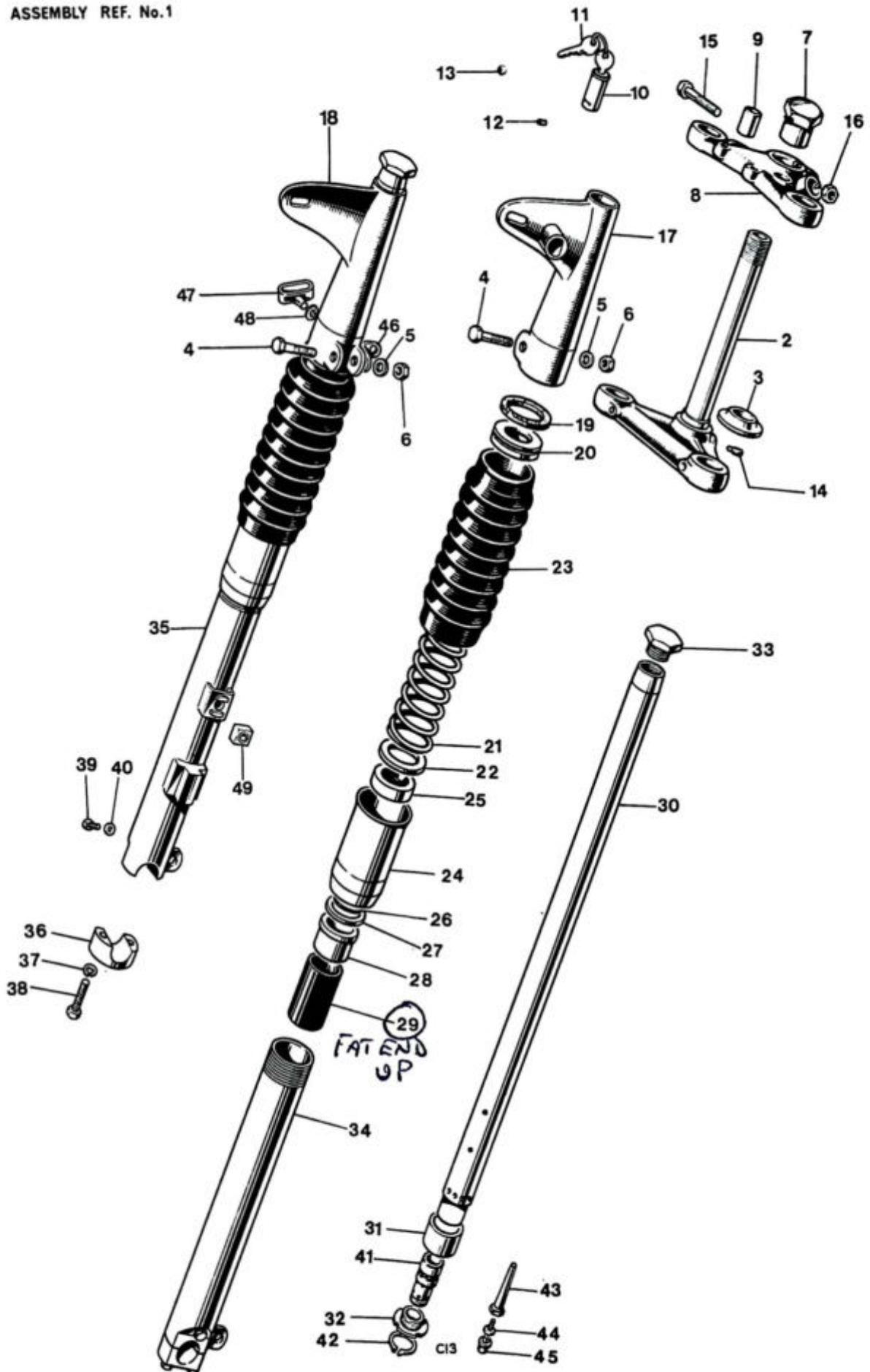


Fig. 15. TELESCOPIC FRONT FORK

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
TELESCOPIC FRONT FORK				
1	H3907	FORK ASSEMBLY	1	
2	H3659	Middle lug and stem	1	
3	H439	Bottom cone	1	
4	H2290	Pinch bolt (2½ in. U.H.)	2	
5	S25-2	Plain washer	2	
6	14-1303	Cleveloc nut	2	
7	H2263	Fork stem sleeve nut	1	
8	H3667	Top lug	2	
9	H1527	Bonded bush	2	
10	F6738	Lock c/w 2 keys	1	
11	D623	Key (state serial number)	1	Key no's run from EJR 1 to EJR 50
12	S578	Grub screw	1	
13	H2266	Sealing washer	1	
14	H2107	Locating pin	1	
15	S684	Pinch bolt (1½ in. U.H.)	1	
16	S685	Seated nut	1	
17	H2161	Left top cover	1	
18	H2162	Right top cover	1	
19	F4047	Cork washer	2	
20	H1657	Spring abutment	2	
21	H1891	Main spring (Yellow/Blue)	2	
21	H1892	Main spring (Yellow/Blue) heavy duty	Available	
22	H1656	Plain washer	2	
23	H3635	Telescopic gaiter	2	
24	H3633	DUST EXCLUDER SLEEVE NUT	2	
25	H1500	Oil seal	2	
26	H2119	"O" ring	2	
27	H431	Plain washer	2	
28	H441	Top bearing	2	
29	H1896	Damping sleeve	2	
30	H3904	STANCHION	2	
31	H443	Lower bearing	2	
32	H2091	Bearing nut	2	
33	H2245	Cap nut	2	
34	H3921	LEFT BOTTOM MEMBER c/w CAP	1	
35	H3922	RIGHT BOTTOM MEMBER c/w CAP	1	
36	H1844	Spindle cap	2	
37	S26-3	Spring washer	4	
38	14-0218	Cap bolt (1¾ in. U.H.)	4	
39	H3894	Drain plug	2	
40	H3893	Sealing washer	2	
41	H2154	Shuttle valve	2	
42	H2127	Circlip	2	
43	H2090	Restrictor	2	
44	H1062	Aluminium washer	2	
45	H2126	Flanged bolt	2	
46	H3682	Bracket	1	
47	H2270	Cable retainer	1	
48	F8245	Starlock washer	1	
49	H3926	Square nut	2	

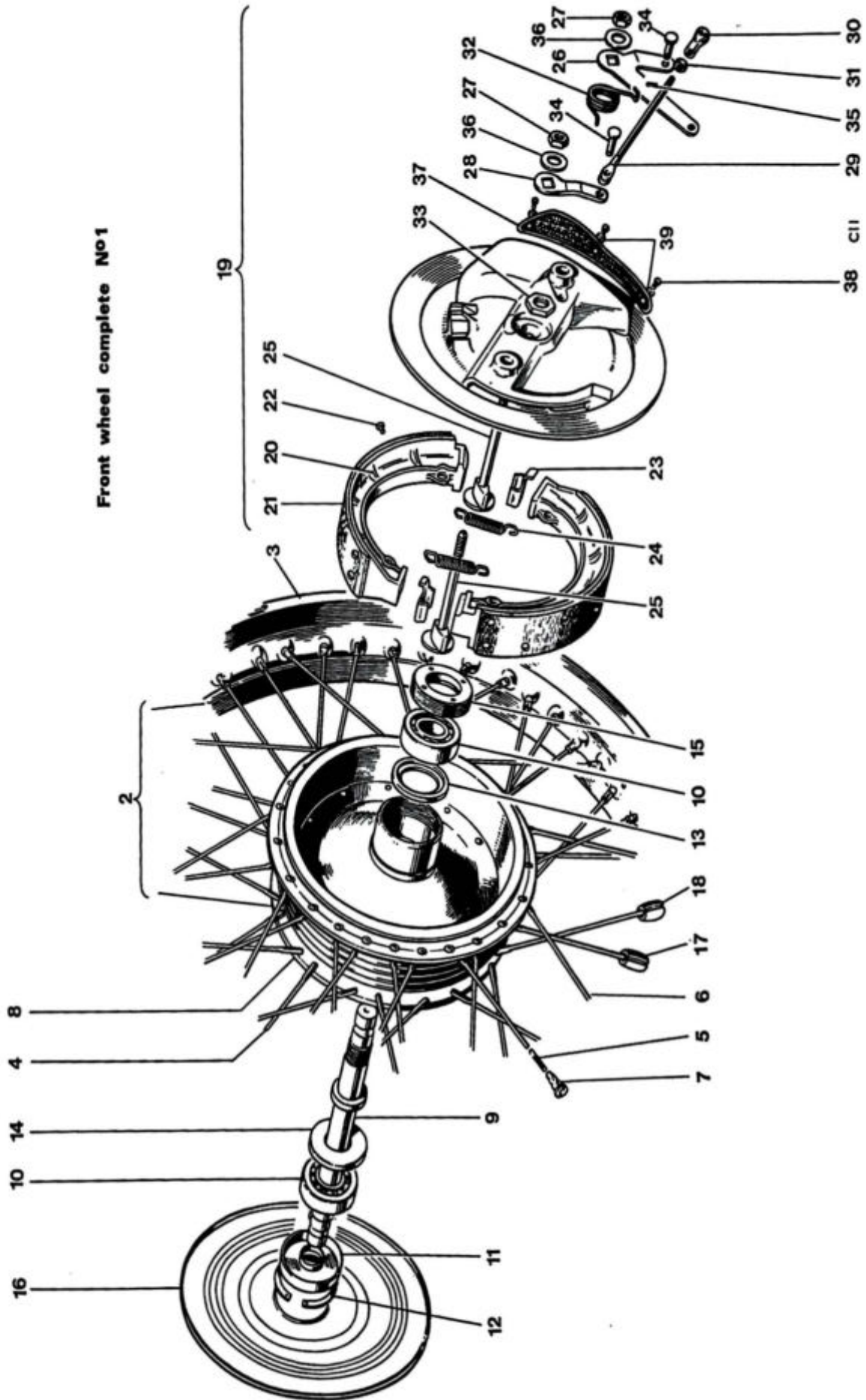


Fig. 16. FRONT WHEEL, T100T

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
FRONT WHEEL T100T				
1	W3458	FRONT WHEEL COMPLETE	1	
2	W1721	RIM, SPOKES AND HUB ASSEMBLY	1	
3	W1230	Front wheel rim (WM2-19)	1	
4	W1328	Spoke (8/10G x 5½ in. straight) c/w nipple	20	
5	W1708	Spoke (8/10G x 4¾ in. 78°) c/w nipple	10	
6	W1709	Spoke (8/10G x 4¾ in. 100°) c/w nipple	10	
7	S79-2	Spoke nipple	40	
8	W1722	Hub and brake drum	1	
9	W3582	Wheel spindle	1	
10	W653	Bearing	2	
11	W1237	Dust cover	1	
12	T280	Circlip	1	
13	W3337	Bearing support ring	1	
14	W1481	Grease retainer	1	
15	W582	Retainer ring	1	
16	W3460	Cover plate	1	
17	W1197	Balance weight, ½ oz.	As required	
18	W1198	Balance weight, 1 oz.	As required	
19	W3461	BRAKE ANCHOR PLATE ASSEMBLY	1	
20	W1996	BRAKE SHOE c/w LINING	2	
21	Reference only	Brake lining	1	} Each shoe
22	Reference only	Brass rivet	8	
23	W2026	Thrust pad	2	
24	W135	Shoe return spring	2	
25	W2001	Brake cam	1	
26	W3453	Brake cam lever (front)	1	
27	14-0303	Nut	2	
28	W3454	Brake cam lever (rear)	1	
29	W2003	Rod assembly... ..	1	
30	W2005	Fork end, threaded	1	
31	14-0401	Locknut	1	
32	W3522	Lever return spring	1	
33	S1995	Anchor plate nut	1	
34	WF32	Pivot pin	2	
35	—	Split pin (⅜ in. x ¾ in. long)	Reference only	
36	S25-6	Plain washer	2	
37	W1991	Anchor plate gauze (for air scoop)	1	
38	S1998	Taptite screw	3	
39	W2351	Washer for taptite screws	3	

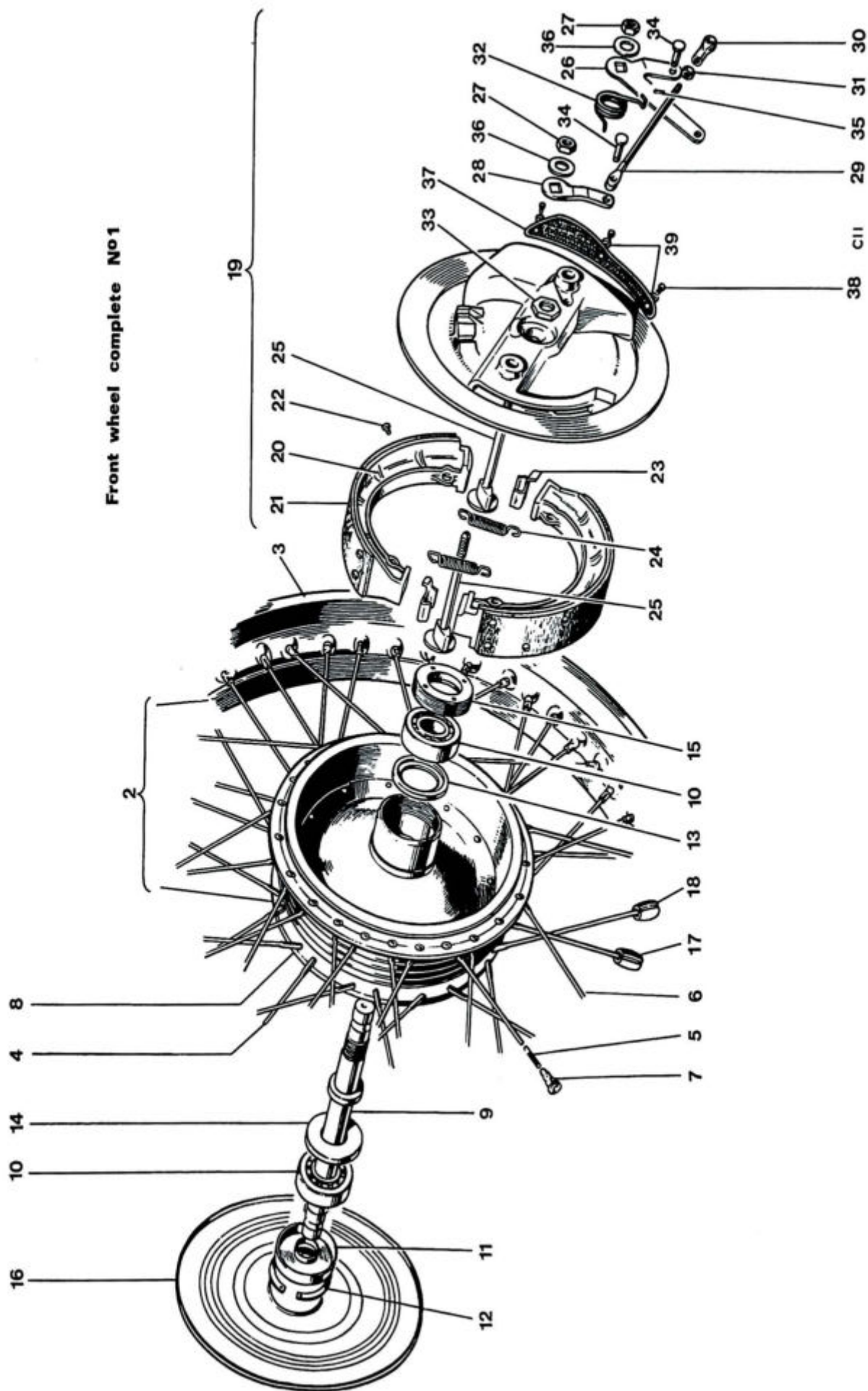


Fig. 17. FRONT WHEEL, T100S

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
FRONT WHEEL T10,0S				
1	W3439	FRONT WHEEL COMPLETE	1	
2	W2131	RIM SPOKES AND HUB ASSEMBLY	1	
3	W1373	Front wheel rim (WM2-18)	1	
4	W2133	Spoke D.S.	20	
5	W2134	Spoke T.S.	10	
6	W2135	Spoke T.S.	10	
7	W2136	Spoke nipple	40	
8	W3325	Hub and brake drum	1	
9	W3582	Wheel spindle	1	
10	W653	Wheel bearing	2	
11	W1237	Dust cover	1	
12	T280	Circlip	1	
13	W3337	Bearing support ring	1	
14	W1481	Grease retainer	1	
15	W582	Retaining ring	1	
16	W3443	Cover plate	1	
17	W1197	Balance weight $\frac{1}{2}$ oz.	As required	
18	W1198	Balance weight 1 oz.	As required	
19	W3455	BRAKE ANCHOR PLATE ASSEMBLY	1	
20	W3446	BRAKE SHOE c/w LINING	2	
21	Reference only	Brake lining	1	} Each shoe
22	Reference only	Brass rivet	8	
23	W2026	Thrust pad	2	
24	W135	Shoe return spring	2	
25	W2001	Brake cam	1	
26	W3453	Brake cam lever (front)	1	
27	14-0303	Nut	2	
28	W3454	Brake cam lever (rear)	1	
29	W3450	Rod assembly	1	
30	W2005	Fork end, threaded	1	
31	14-0401	Locknut	1	
32	W3522	Lever return spring	1	
33	S1995	Anchor plate nut	1	
34	WF32	Pivot pin	2	
35	—	Split pin ($\frac{1}{16}$ in. x $\frac{3}{8}$ in. long)	Reference only	
36	S25-6	Plain washer	2	
37	W1991	Anchor plate gauze (for air scoop)	1	
38	S1998	Tapite screw	3	
39	E2351	Washer for tapite screws	3	

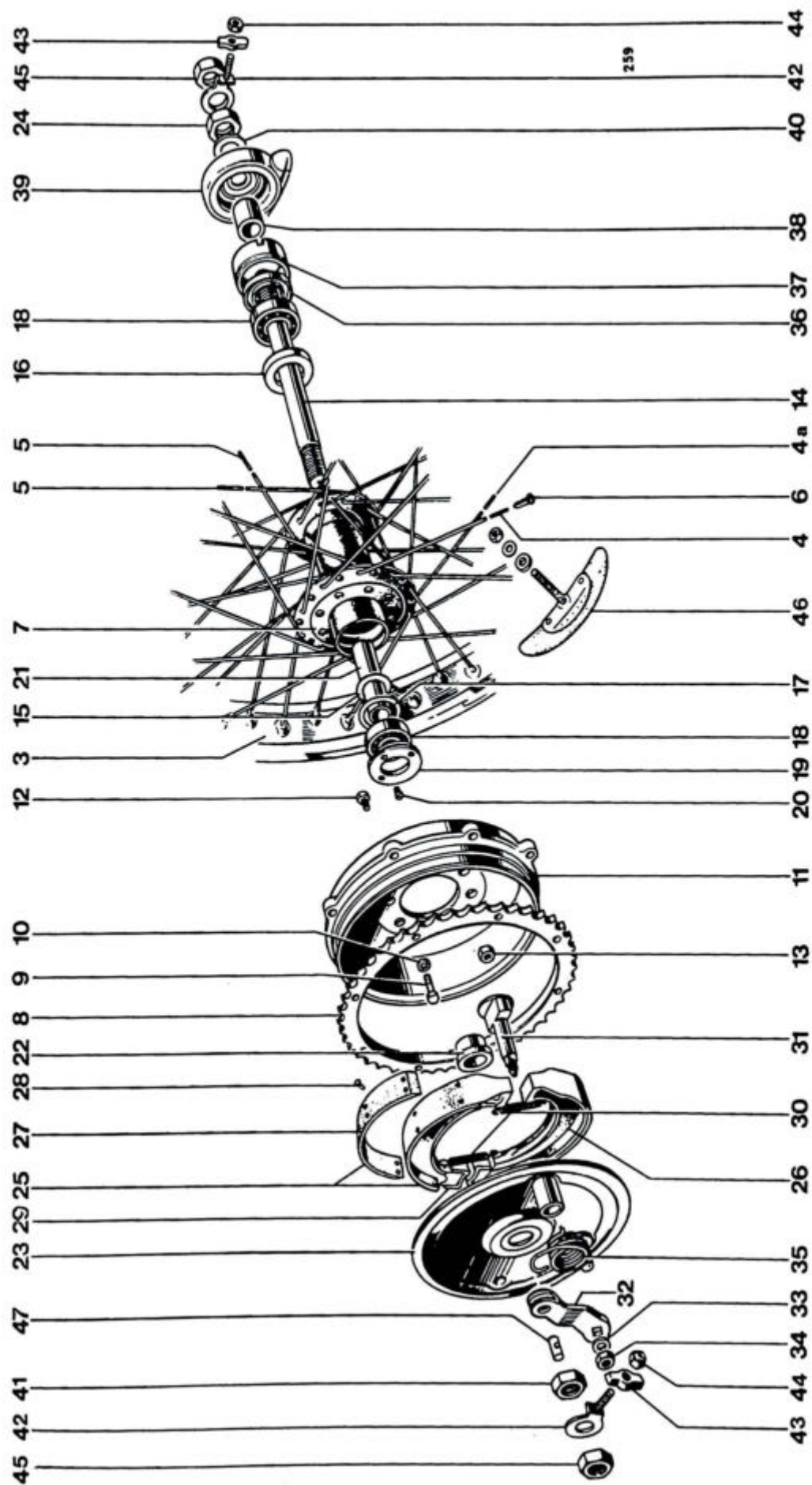


Fig. 18. REAR WHEEL

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
REAR WHEEL				
1	W3606	REAR WHEEL COMPLETE	1	
2	W3609	RIM, SPOKES AND HUB ASSEMBLY	1	
3	W1471	Rear wheel rim WM2-18	1	
4	W1107	Spoke (8/10G x 7 $\frac{3}{8}$ in. 90°)	10	
4A	W3402	Spoke (8/10G x 7 $\frac{3}{8}$ in. 110°)	10	
5	W1108	Spoke (8/10G x 7 $\frac{1}{8}$ in. 90°)	20	
6	S79-2	Spoke nipple	40	
7	W3586	Hub	1	
8	W1499	Sprocket, 46T	1	
9	S2010	Bolt	8	
10	E1612	Serrated washer	8	
11	W3585	Brake drum	1	
12	S2011	Bolt ($\frac{1}{4}$ in. U.H.)	8	
13	14-1202	Self-locking nut	8	
14	W3589	Wheel spindle	1	
15	W1474	Grease retainer (brake side)	1	
16	W1654	Grease retainer	1	
17	W1022	Backing ring	1	
18	W653	Bearing	2	
19	W3587	RETAINING RING	1	
20	W1710	Locking screw ($\frac{5}{16}$ in. U.H.)	1	
21	W1278	Distance tube	1	
22	W1024	Distance piece	1	
23	W3590	Brake anchor plate	1	
24	S2013	Nut	1	
25	W1406	LEADING BRAKE SHOE c/w LINING	1	
26	W1407	TRAILING BRAKE SHOE c/w LINING	1	
27	Reference only	Brake lining	2	
28	Reference only	Brass rivet	16	
29	W1415	Thrust pad	2	
30	W135	Shoe return spring	2	
31	W3592	Brake cam	1	
32	W2014	Brake cam lever	1	
33	S25-6	Plain washer	1	
34	W2027	Nut	1	
35	W1488	Lever return spring	1	
36	W1635	Grease retainer	1	
37	W3588	Speedometer adaptor	1	
38	W1477	Distance piece	1	
39	D373	Speedometer gearbox	1	
40	W1280	Plain washer	1	
41	S2014	Nut D.S. inner	1	
42	W2089	Chain adjuster	2	
43	W1015	Adjuster end plate	2	
44	14-1902	Self-locking nut	2	
45	S585	Spindle nut	2	
46	D106	Tyre security bolt WM2	2	
47	W11	Pivot pin... ..	1	

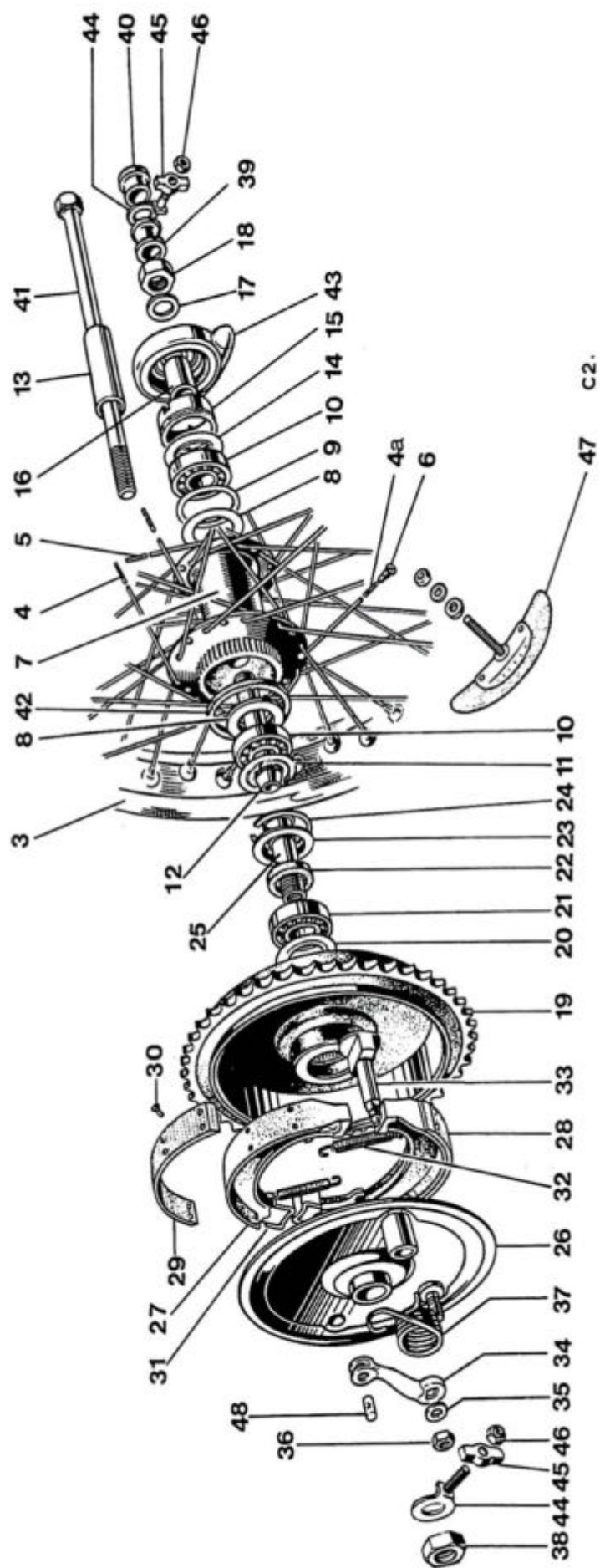


Fig. 19. QUICKLY DETACHABLE REAR WHEEL

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
QUICKLY DETACHABLE REAR WHEEL				
1	—	Q.D. REAR WHEEL COMPLETE	1	
2	—	RIM, SPOKES AND HUB ASSEMBLY	1	
3	W1471	Rear wheel rim WM2-18	1	
4	W1107	Spoke (8/10G x 7 $\frac{9}{16}$ in. 90°)... ..	10	
4A	W3402	Spoke (8/10G x 7 $\frac{9}{16}$ in. 110°)	10	
5	W1108	Spoke (8/10 x 7 $\frac{7}{8}$ in. 90°)	20	
6	S79-2	Spoke nipple	40	
7	W3595	Hub	1	
8	W1595	Grease retainer	2	
9	W1509	Backing ring	2	
10	S35-7	Bearing	2	
11	W1596	Dust cap	1	
12	W3596	Bearing sleeve	1	
13	W1598	Distance piece (inner)	2	
14	W1635	Grease retainer	1	
15	W3597	Speedometer adaptor	1	
16	W1477	Distance piece (outer)	1	
17	W1280	Plain washer	1	
18	S2013	Nut	1	
19	W1040	Sprocket and brake drum 46T	1	
20	W1143	Grease retainer	1	
21	W1041	Bearing	1	
22	W1042	Felt washer	1	
23	W1043	Bearing and felt retainer	1	
24	W1044	Circlip	1	
25	W3598	Bearing sleeve	1	
26	W3599	Brake anchor plate	1	
27	W1406	LEADING BRAKE SHOE c/w LINING	1	
28	W1407	TRAILING BRAKE SHOE c/w LINING	1	
29	Reference only	Brake lining	2	
30	Reference only	Brass rivet	16	
31	W1415	Thrust pad	2	
32	W135	Shoe return spring	2	
33	W3592	Brake cam	1	
34	W2014	Brake cam lever	1	
35	S25-6	Washer	1	
36	14-0403	Nut	1	
37	W1488	Lever return spring	1	
38	14-1902	Nut	1	
39	W1392	Inner distance piece	1	
40	W1170	Outer distance piece	1	
41	W3600	Spindle	1	
42	W1091	Rubber sealing ring	1	
43	D373	Speedometer gearbox	1	
44	W2087	Chain adjuster	2	
45	W1015	Adjuster end plate	2	
46	14-1902	Self-locking nut	2	
47	D106	Tyre security bolt WM2	2	
48	W11	Pivot pin... ..	1	

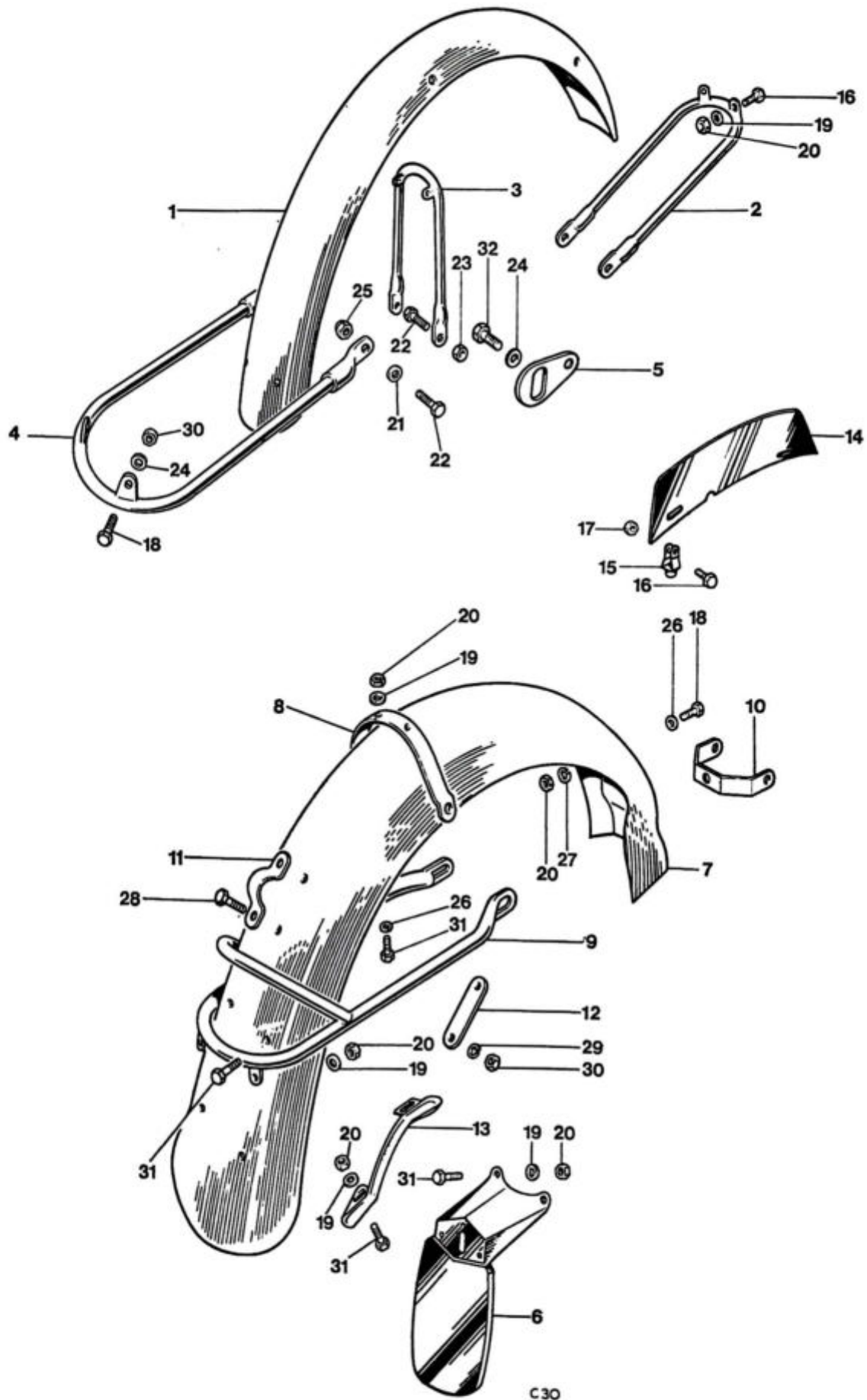


Fig. 20. MUDGUARDS

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
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MUDGUARDS

1	*H3882	Front mudguard	...	...	...	...	...	...	1
2	H1681	Front stay	...	...	...	...	...	...	1
3	H1683	Centre bridge	...	...	...	...	...	...	1
4	H3885	Bottom stay	...	...	...	...	...	...	1
5	H1685	Bracket	...	...	...	...	...	...	2
6	F8121	Rear number plate	...	...	...	...	...	...	1
7	*F11617	Rear mudguard	...	...	...	...	...	...	1
8	F6915	Bridge	...	...	...	...	...	...	1
9	F11571	Lifting handle	...	...	...	...	...	...	1
10	F6916	Bracket	...	...	...	...	...	...	1
11	F5994	Clip	...	...	...	...	...	...	1
12	F6031	Backing plate	...	...	...	...	...	...	1
13	F7826	Wiring protector	...	...	...	...	...	...	1
14	F10216	Front number plate	...	...	...	...	...	...	1
15	H741	Clip assembly	...	...	...	...	...	...	2
16	H687	Screw	...	...	...	...	...	...	2
17	H745	Nut	...	...	...	...	...	...	2
18	14-0101	Bolt	...	...	...	...	...	...	6
19	S25-1	Washer	...	...	...	...	...	...	9
20	14-1201	Nut	...	...	...	...	...	...	8
21	F4299	Washer	...	...	...	...	...	...	4
22	14-0115	Bolt	...	...	...	...	...	...	4
23	14-0402	Nut	...	...	...	...	...	...	2
24	S25-3	Washer	...	...	...	...	...	...	5
25	14-0702	Nut	...	...	...	...	...	...	2
26	F6310	Washer	...	...	...	...	...	...	3
27	S26-2	Washer	...	...	...	...	...	...	1
28	14-0113	Bolt	...	...	...	...	...	...	2
29	E2287	Spring washer	...	...	...	...	...	...	2
30	14-0302	Nut	...	...	...	...	...	...	4
31	14-0102	Bolt	...	...	...	...	...	...	6
32	S1822	Bolt	...	...	...	...	...	...	2

* Appropriate colour suffix must be quoted when ordering replacement mudguards

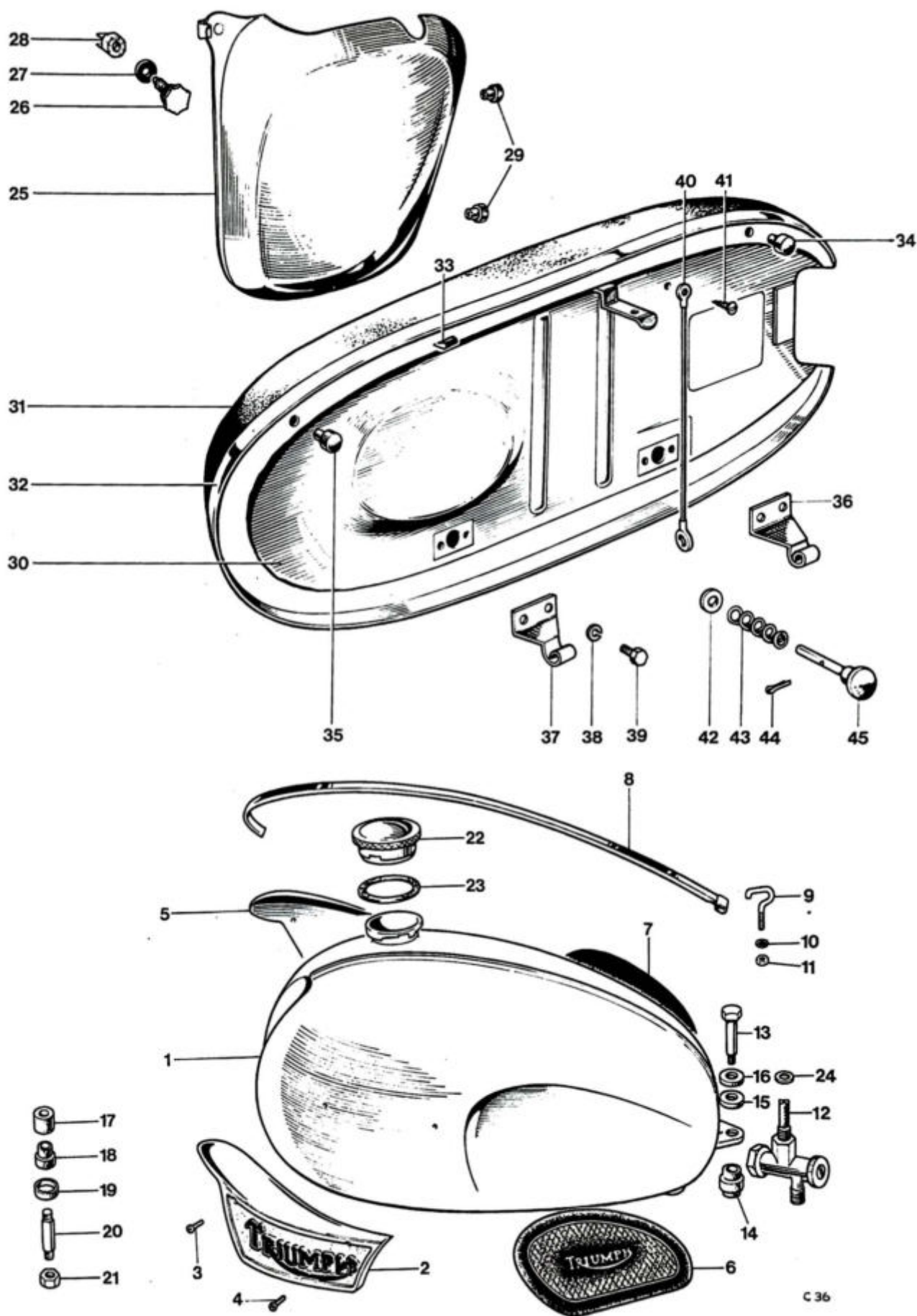


Fig. 21. PANELS AND TWINSEAT

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
PETROL TANK				
1	F11805	Petrol tank (3 gallons) ...	1	T100S
1	F11806	Petrol tank (3 gallons) ...	1	T100T
2	F9701	Styling unit (left) ...	1	
3	F11339	Styling unit screw (27/64 in. O.A.) front	2	
4	F7888	Styling unit screw (35/64 in. O.A.) rear	2	
5	F9700	Styling unit (right) ...	1	
6	F8192	Left knee grip ...	1	
7	F8193	Right knee grip ...	1	
8	F10007	Centre styling strip ...	1	
9	F10008	Hook, screw ...	1	
10	F4019	Serrated washer ...	1	
11	H919	Nut ...	1	
12	F1717	Petrol tap ...	1	
13	F7388	Rear bolt ...	1	
14	F5336	Double spigot rubber ...	1	
15	F967	Rubber washer ...	1	
16	F3814	Cup ...	1	
17	F5228	Rubber waseer ...	2	
18	F5229	Spigot rubber ...	2	
19	F3814	Cup ...	2	
20	S1883	Stud ...	2	
21	14-1302	Nut ...	2	
22	F3220	FILLER CAP ...	1	
23	F4048	Joint washer ...	1	
—	D675	Transfer Tiger 100 ...	1	T100S
—	A56	Transfer, World Speed Record ...	1	
—	A61	Transfer, Made in England ...	1	
—	D677	Transfer, Daytona Super Sports ...	1	T100T
24	F1511	Fibre washer ...	1	
PANELS AND TWINSEAT				
25	F8042	Left panel and toolbox ...	1	
26	F11357	Toolbox screw ...	1	
27	F11377	Washer ...	1	
28	F10222	Captive nut ...	1	
29	F6673	Grommet ...	2	
30	F11573	TWINSEAT ...	1	
31	F915	Twinseat cover ...	1	
—	A52	Transfer Positive Earth ...	1	
32	D696	Twin strip (bright) ...	1	
33	D697	Sprag ...	4	
34	F4898	Buffer rear ...	2	
35	F7835	Buffer front ...	2	
36	F8026	Hinge front ...	1	
37	F7862	Hinge rear ...	1	
38	S26-2	Spring washer ...	4	
39	14-0101	Bolt ($\frac{7}{16}$ in. U.H.) ...	4	
40	D374	Check wire ...	1	
41	D2381	Self tapping screw ...	2	
42	E1719	Washer ...	1	
43	F4228	Spring ...	1	
44	—	Split pin ($\frac{3}{32}$ in. x $\frac{1}{2}$ in.) ...		Reference only
45	F7560	Seat knob and plunger... ..	1	
—	D677	Transfer, Daytona Super Sports ...	1	T100T
—	D675	Transfer, Tiger 100 ...	1	T100S

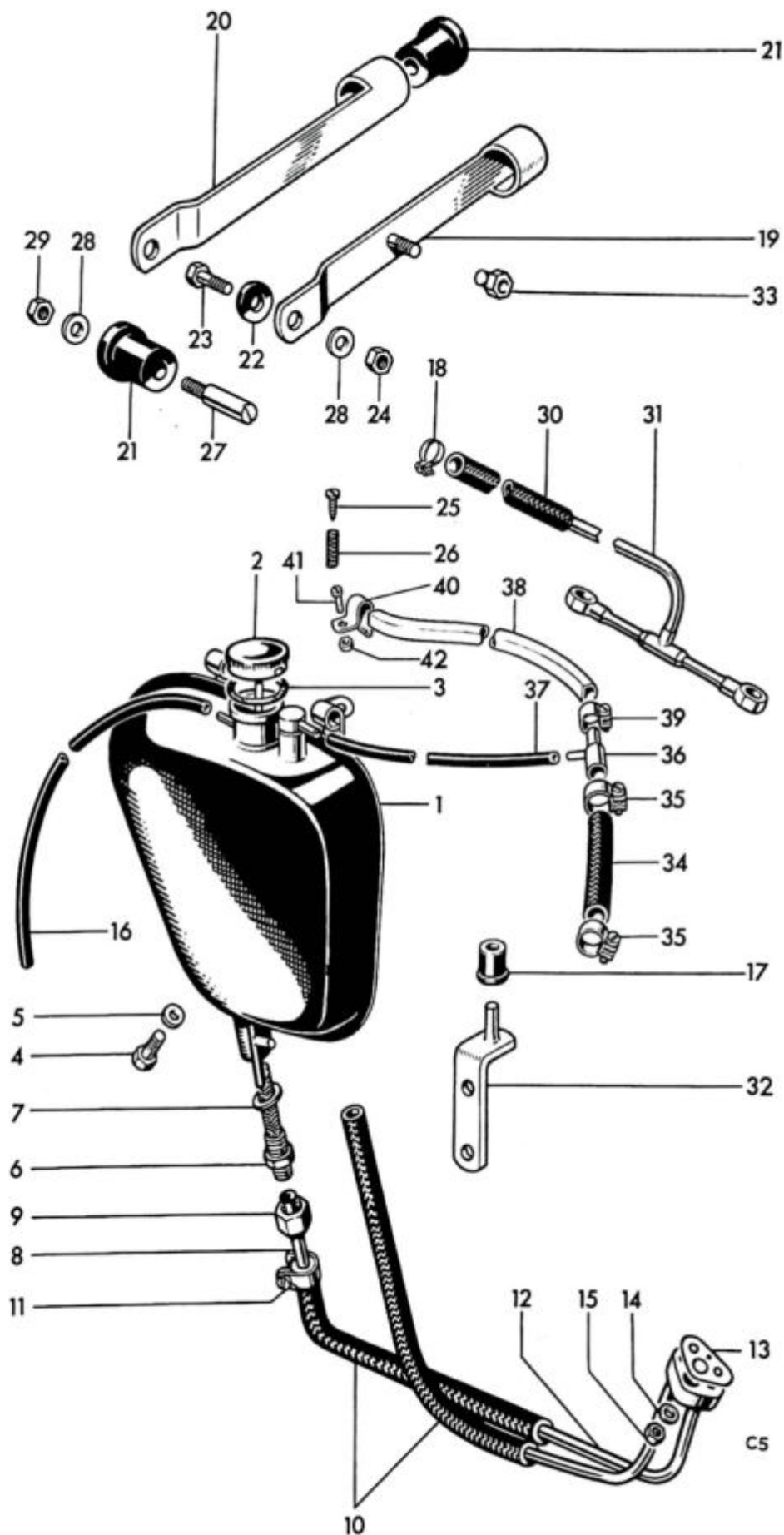


Fig. 23. OIL TANK

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
OIL TANK, OIL PIPES AND BREATHER PIPES				
1	F11763	Oil tank	1	
2	F9659	FILLER CAP AND DIPSTICK	1	
3	F4047	Joint washer	1	
4	F5343	Drain plug	1	
5	99-0048	Fibre washer	1	
6	F3179	Oil tank filter	1	
7	F1713	Fibre washer	1	
8	F6103	Upper feed pipe	1	
9	F3182	Union nut	1	
10	E4594	Flexible connector, long	2	
11	E6848	Clip	4	
12	E7203	Oil pipes and junction block	1	
13	E3763	Joint washer	1	
14	E3446	Plain washer	1	
15	S1908	Nut	1	
16	F7352	Flexible pipe (chain oiler)	1	
17	F6039	Grommet	1	
18	E6849	Clip (rocker pipe)	1	
19	F9255	Front strap	1	
20	F8028	Rear strap	1	
21	F6673	Spigot rubber	4	
22	F6968	Rubber washer	2	
23	14-0103	Bolt ($\frac{3}{8}$ in. U.H.)	2	
24	14-0701	Self-locking nut	2	
25	F9435	Metering screw	1	
26	F6874	Coil spring	1	
27	F7510	Screwed peg	2	
28	S25-13	Plain washer	4	
29	14-0301	Nut	2	
30	E6353	Rubber connector	1	
31	E7576	Rocker oil feed pipe	1	
32	F6898	Bracket	1	
33	F8034	Spigot nut	1	
—	D1816	Grouped transfer "Drain and Refill" etc.	1	Not illustrated
34	E11149	Breather vent pipe	1	
35	D2253	Clip, breather vent pipe	2	
36	F11610	"T" piece connector	1	
37	F11613	Froth tower vent pipe	1	
38	F11614	Breather pipe rear guard	1	
39	D2252	Clip, pipe to "T" piece	1	
40	F11615	Clip, pipe to rear guard	1	
41	H3894	2 BA screw	4	
42	F4717	2 BA nut...	4	

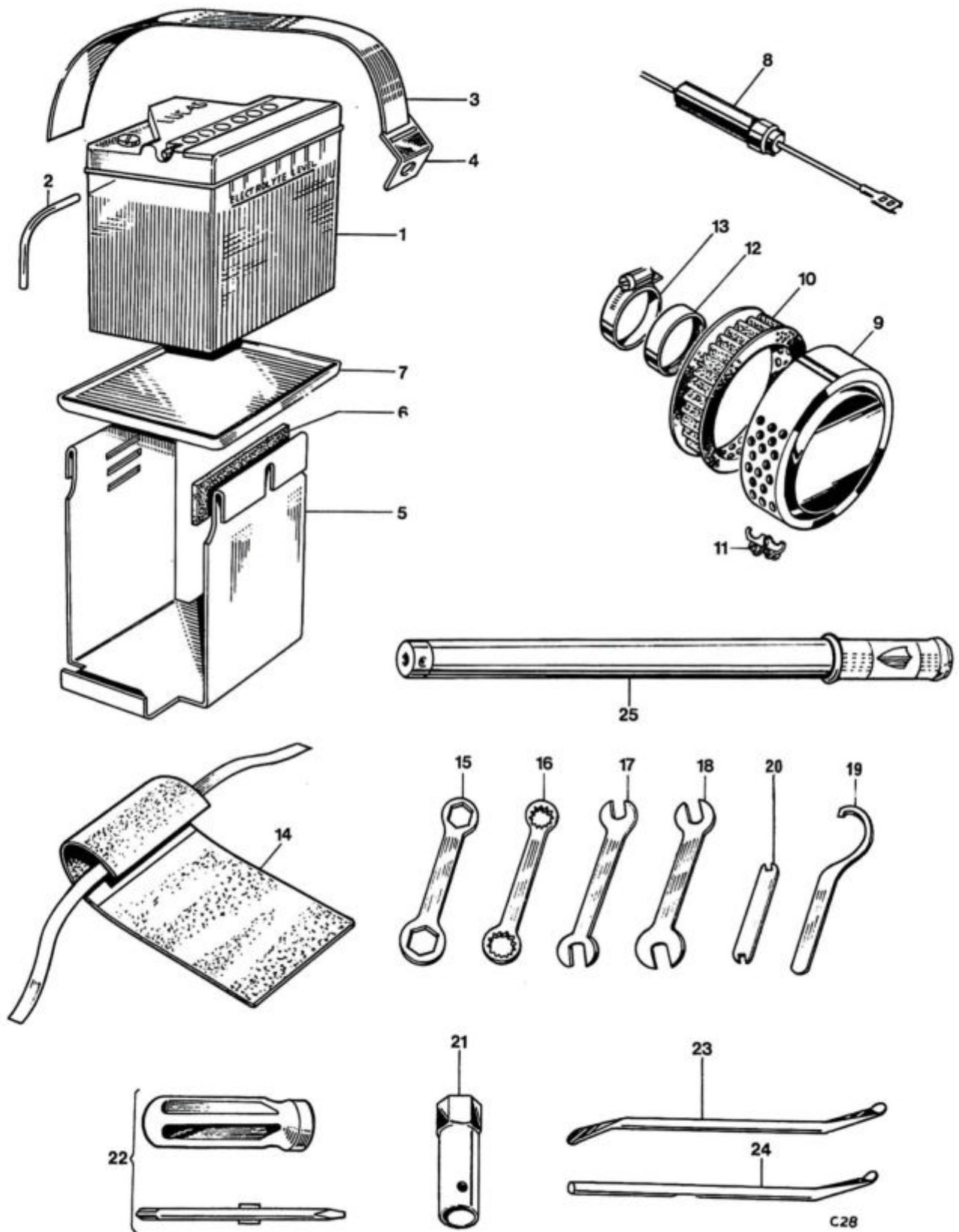


Fig. 24. BATTERY, TOOL KIT AND AIR FILTER

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
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BATTERY, TOOLKIT AND AIR FILTER

1	99-0719	Battery 54027029 (PUZ5A)	1	
2	F7431	Vent pipe	1	
3	F8033	Battery retaining strap	1	
4	F8032	Battery strap anchorage	1	
5	F8024	Battery carrier	1	
6	F8031	Battery carrier rubber... ..	1	
7	F8091	Battery carrier tray	1	
8	54938986	Fuse assembly	1	
9	F11609	AIR FILTER	1 or 2	
10	F6866	Filter element (Filter cloth and gauze)	1 or 2	
11	F4810	Clip for cover	1 or 2	
12	E4576	Adaptor	1 or 2	
13	D177/8	Clip	1	
—	D2110	TOOL KIT	1	
14	D291	Tool roll	1	
15	D2251	Ring spanner $1\frac{1}{8}$ in. x $1\frac{5}{16}$ in. AF	1	
16	D370	Ring spanner $\frac{3}{16}$ in. x $\frac{1}{4}$ in. WHIT	1	
17	D2084	Open end spanner $\frac{1}{2}$ in. x $\frac{7}{16}$ in. A.F.	1	
18	DA16	Open end spanner $\frac{3}{8}$ in. x $\frac{7}{16}$ in. WHIT	1	
19	D2184	C spanner	1	
20	D2185	Tappet spanner	1	
21	D87	Box spanner for sparking plug	1	
22	D767	Screwdriver c/w blade	1	
23	D363	Tyre lever	1	
24	D801	Tyre lever and tommy bar	1	
25	D296	Tyre inflator	1	

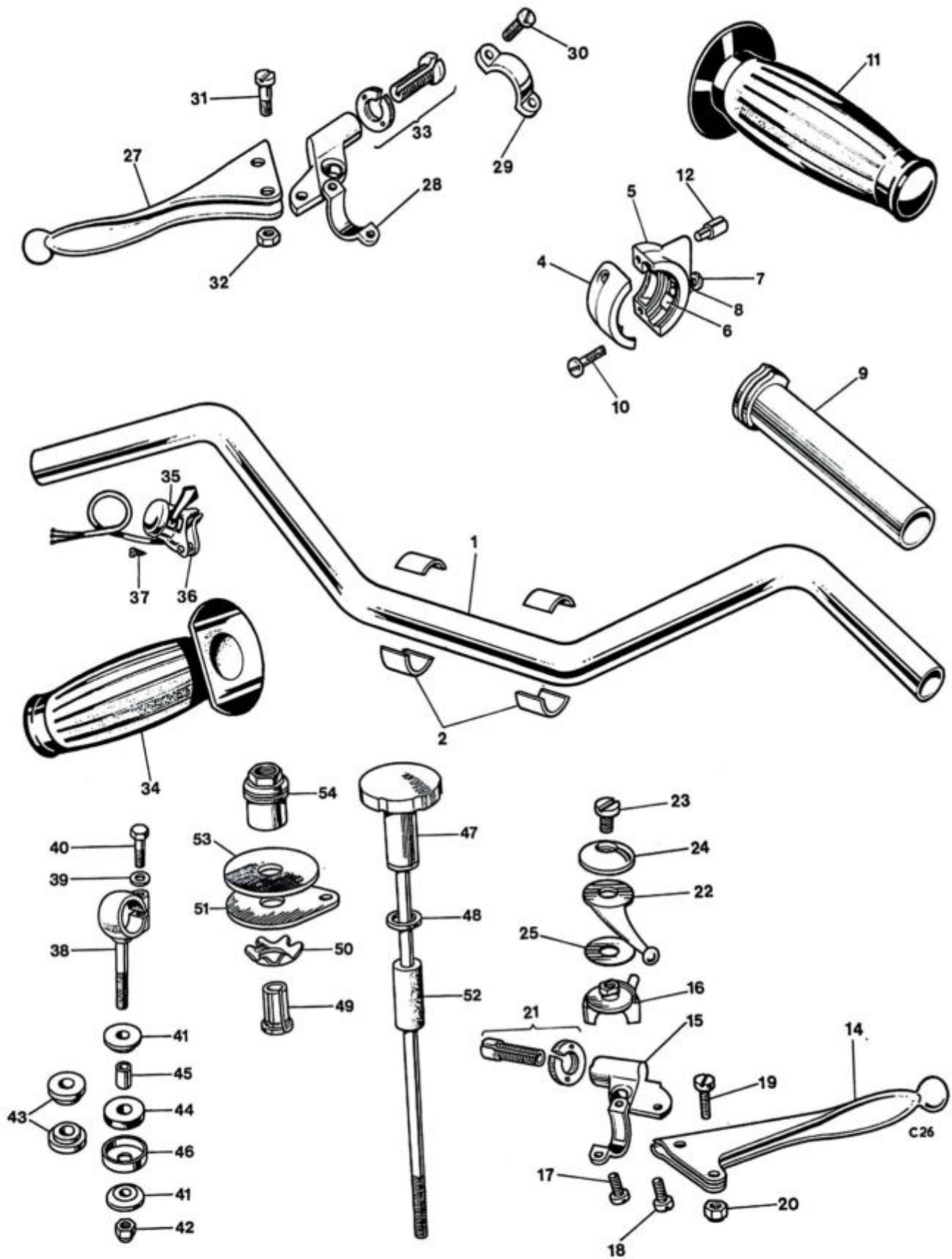


Fig. 25. STEERING DAMPER, HANDLEBAR AND CONTROLS

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
HANDLEBAR AND CONTROL LEVERS				
1	H1871	Handlebar	1	
1	H1873	Western handlebar	Available	
2	H1425	Packing piece	4	
3	99-1095	TWISTGRIP (16/366)	1	
4	99-0245	Body top half (16/328)	1	
5	99-0246	Body bottom half (16/329)	1	
6	99-0238	Friction spring (16/008)	1	
7	99-0239	Friction spring screw (16/009)	1	
8	99-0240	Nut (16/010)	1	
9	99-0244	Rotor (16/091)	1	
10	99-0226	Screw (11/014)	2	
11	H2125	Handlebar grip	1	
12	99-0241	Cable stop (16/011)	1	
13	D2241	FRONT BRAKE AND AIR LEVER ASSEMBLY (19/978)	1	
14	99-0262	Brake lever (ball end) (18/754)	1	
15	99-1093	Lever bracket (19/001)	1	
16	12/619	Control body	1	
17	99-0226	Screw (11/014)	1	
18	99-0225	Screw (11/013)	1	
19	99-0252	Fulcrum screw (18/087)	1	
20	99-0250	Self locking nut (18/053)	1	
21	99-1031	Cable adjuster and nut (18/1708/1709)	1	
22	99-0228	Lever (12/556)	1	
23	12/607	Bolt	1	
24	12/606	Cap	1	
25	12/033	Spring washer	1	
26	D2242	CLUTCH LEVER ASSEMBLY (19/952)	1	
27	99-0261	Clutch lever (ball end) (18/752)	1	
28	99-1094	Clutch lever bracket (19/002)	1	
29	99-0230	Clamp (12/595)	1	
30	99-0226	Screw (11/014)	2	
31	99-0252	Fulcrum screw (18/087)	1	
32	99-0250	Self locking nut (18/053)	1	
33	99-1031	Cable adjuster and nut (18/1708/1709)	1	
34	H2124	Handlebar grip	1	
35	99-0555	Horn push and dip switch (31563)	1	
36	380459	Backing rubber	1	
37	H1994	Self tapping screw (½ in. U.H.)	2	
38	H2291	Handlebar eyebolt	2	
39	F1335	Plain washer	2	
40	H1340	Bolt (1½ in. U.H.)	2	
41	H1529	Hemispherical washer	4	
42	14-1903	Self-locking nut	2	
43	H1616	Solid bush (for handlebar-mounted windscreen)	As required	
44	H1580	Steady rubber	2	
45	H1581	Distance piece	2	
46	H2221	Cup	2	
STEERING DAMPER (Available)				
47	H1142	Steering damper rod c/w knob	1	
48	H565	Plain washer	1	
49	H408	Adjuster sleeve	1	
50	H95	Spring plate	1	
51	H1797	Anchor plate	1	
52	H1618	Rubber sleeve	1	
53	H435	Friction disc	1	
54	H2108	Fork stem sleeve nut (for use with damper)	1	

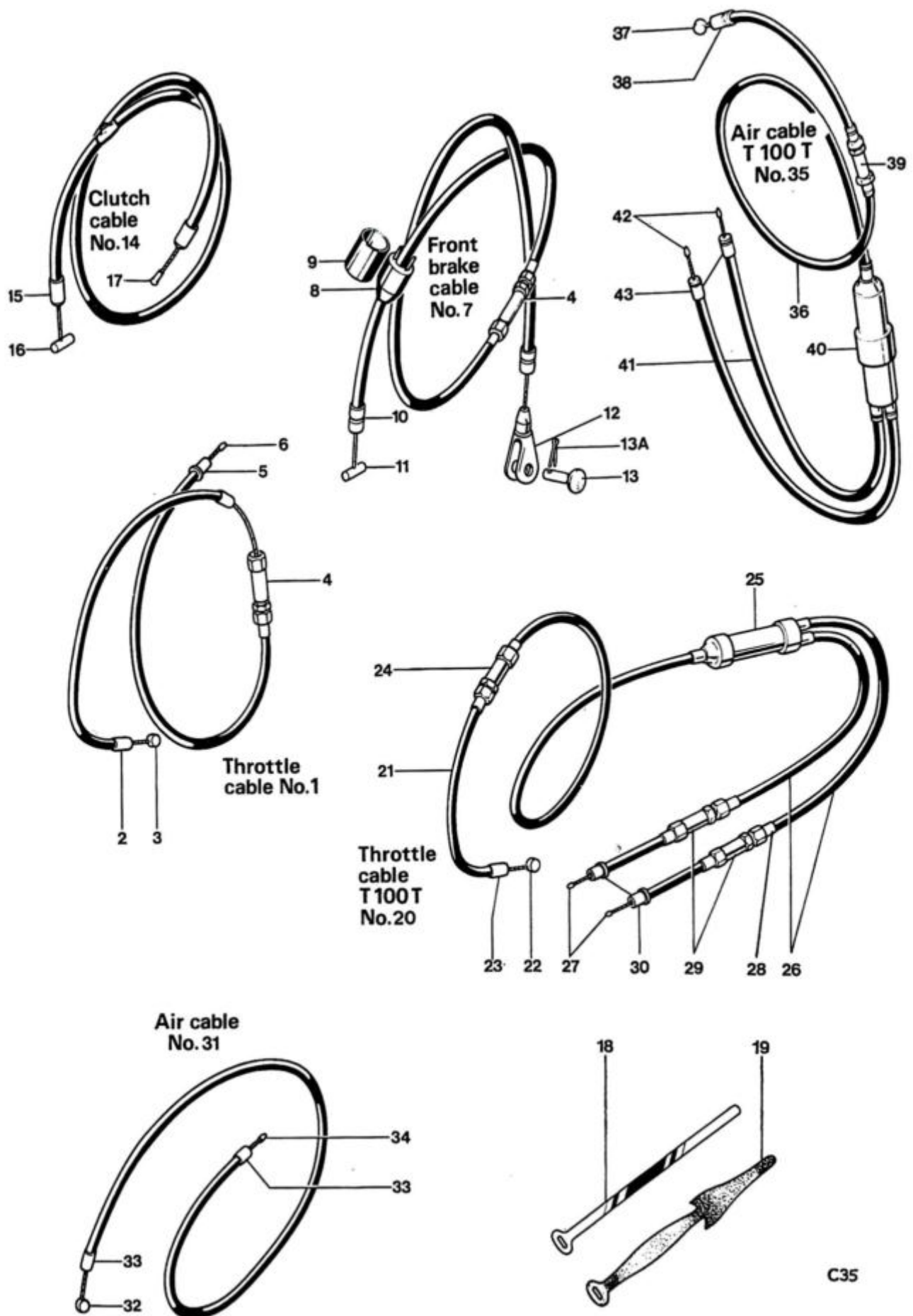


Fig. 26. CONTROL CABLES

Ref. No.	Part No.	DESCRIPTION								QUANTITY	REMARKS
CONTROL CABLES											
1	D1823	THROTTLE CABLE	...	...	...	...	...	...	1	} T100S	
1	D1822	THROTTLE CABLE	...	Available (for Western handlebars)					1		
2	D101	Ferrule	...	...	...	...	...	...	3		
3	D83	Nipple	...	...	...	...	...	...	1		
4	D104	Adjuster	...	...	...	...	...	...	1		
5	6/132A	Ferrule	...	...	...	...	...	...	1	} T100S	
6	NS191	Nipple	...	...	...	...	...	...	1		
6	D2077	FRONT BRAKE CABLE	...	...	...	...	...	...	1		
7	D2076	FRONT BRAKE CABLE	...	...	...	...	...	Available	(for Western handlebars)	1	
8	D2085	Front stop switch	...	...	...	...	...	...	1		
9	D2086	Cover for switch	...	...	...	...	...	...	1		
10	D103	Ferrule	...	...	...	...	...	...	2		
11	D506	Nipple	...	...	...	...	...	...	1		
12	D638	Fork end	...	...	...	...	...	...	1		
13	WF32	Pivot pin...	...	...	...	...	...	...	1		
13A	—	Split pin ...	...	...	...	...	...	...	Reference only		
14	D1995	CLUTCH CABLE	...	...	...	...	...	...	1		
14	D1994	CLUTCH CABLE	...	...	...	...	...	Available	(for Western handlebars)	1	
15	D103	Ferrule	...	...	...	...	...	...	1		
16	D506	Nipple	...	...	...	...	...	...	2		
17	DS73	Nipple	...	...	...	...	...	...	1		
18	XA69	Cable clip	...	...	...	...	...	...	As required		
19	D343/7	Rubber cable clip	...	...	...	...	...	...	As required		
20	D738	THROTTLE CABLE	...	...	...	...	...	...	1	T100T	
21	D741	CABLE, TWISTGRIP TO JUNCTION BOX	...	...	...	...	...	...	1		
22	D83	Nipple...	...	...	...	...	...	...	1		
23	D101	Ferrule	...	...	...	...	...	...	4		
24	D104	Adjuster	...	...	...	...	...	...	1		
Not illus.	NS191	Nipple...	...	...	...	...	...	...	1		
25	D685	Junction box (244/104)	...	...	...	...	...	...	1		
26	D739	CABLE, JUNCTION BOX TO CARBURETTER	...	...	...	...	...	...	2		
27	NS191	Nipple...	...	...	...	...	...	...	2	each cable	
28	D101	Ferrule	...	...	...	...	...	...	3	each cable	
29	D104	Adjuster	...	...	...	...	...	...	1	each cable	
30	6/132A	Ferrule	...	...	...	...	...	...	1	each cable	
31	D1824	AIR CONTROL CABLE	...	...	...	...	...	...	1	T100S	
32	D83	Nipple	...	...	...	...	...	...	1		
33	D101	Ferrule	...	...	...	...	...	...	2		
34	NS191	Nipple	...	...	...	...	...	...	1		
35	D1820	AIR CONTROL CABLE	...	...	...	...	...	...	1	T100T	
36	D1821	CABLE, LEVER TO JUNCTION BOX	...	...	...	...	...	...	1		
37	D83	Nipple...	...	...	...	...	...	...	1		
38	D101	Ferrule	...	...	...	...	...	...	4		
39	D104	Adjuster	...	...	...	...	...	...	1		
Not illus.	NS191	Nipple...	...	...	...	...	...	...	1		
40	D685	Junction box (244/104)	...	...	...	...	...	...	1		
41	D745	CABLE, JUNCTION BOX TO CARBURETTER	...	...	...	...	...	...	2		
42	NS191	Nipple...	...	...	...	...	...	...	2	each cable	
43	D101	Ferrule	...	...	...	...	...	...	2	each cable	

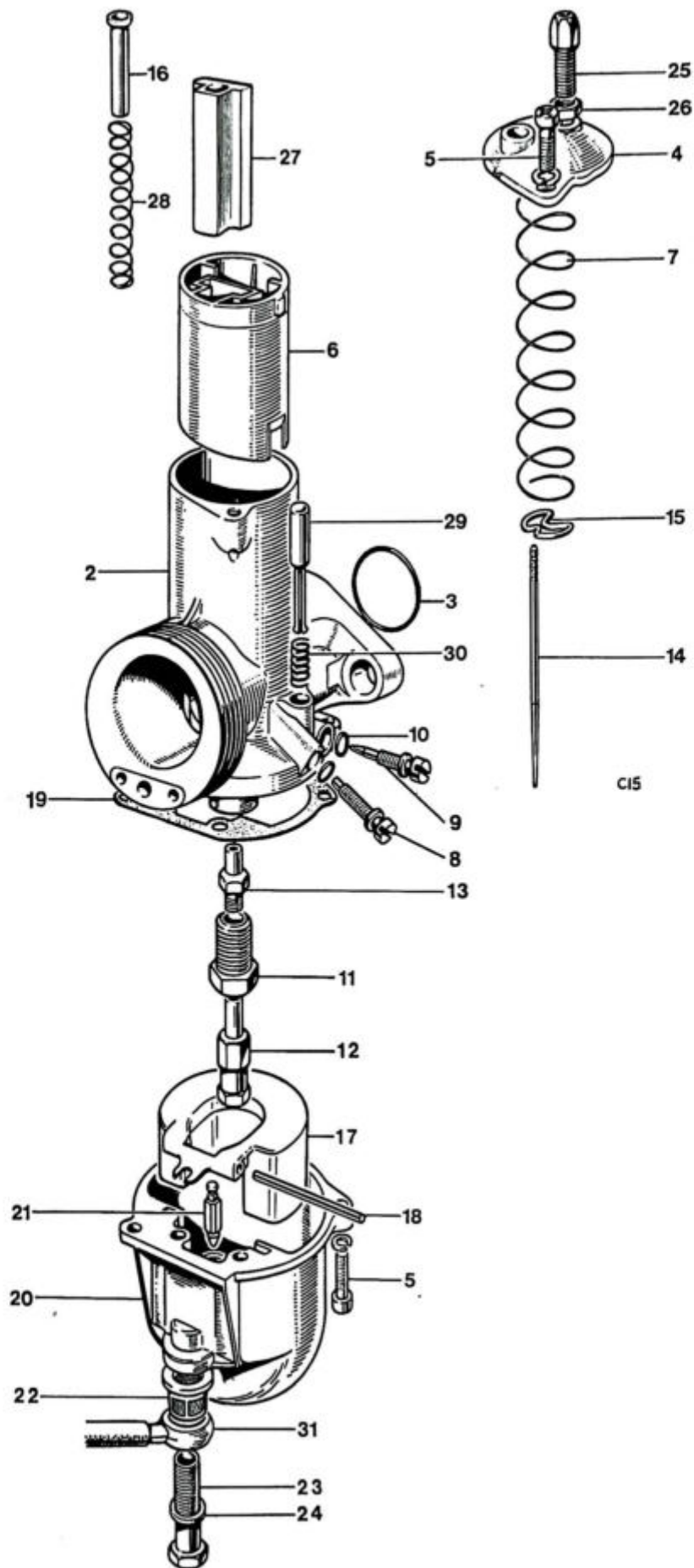


Fig. 27. CARBURETTER, T100

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
CARBURETTER, T100S				
1	D2455	CARBURETTER R626/25	1	
2	Reference only	Mixing chamber (R626/005)	1	
3	99-0522	"O" ring seal (622/101)	1	
4	99-1049	Mixing chamber top (622/097)	4	
5	99-0521	Screw (622/086)	1	
6	99-1050	Throttle valve (No. 4) (622/060)	1	
7	99-0509	Throttle return spring (copper plated) (622/065)	1	
8	99-0516	Throttle stop screw (622/077)	1	
9	99-0515	Air adjusting screw (622/076)	1	
10	99-0520	"O" ring (622/082)	1	
11	99-1034	Jet holder (622/128)	1	
12	99-0446	Main jet (376/100) size .190	1	
13	99-1035	Needle jet (622/122) size .106	1	
14	99-1036	Needle (622/124)	1	
15	99-0510	Needle clip (622/067)	1	
16	99-1051	Air valve guide sleeve (622/134)	1	
17	99-0512	Float (622/069)	1	
18	99-0513	Float spindle (622/071)	1	
19	99-0514	Joint washer (622/073)	1	
20	99-0506	Float chamber (622/050)	1	
21	99-0511	Float needle (622/068)	1	
22	99-0438	Filter (376/093)	1	
23	99-0517	Banjo bolt (622/078)	1	
24	99-1100	Fibre washer (13/163)	1	
25	4/035	Cable adjuster	1	
26	99-0224	Nut (5/077)	1	
27	622/062	Air slide	1	
28	99-1038	Air slide spring (622/129)	1	
29	622/089	Tickler pin	Reference only	
30	14/032	Spring	Reference only	
31	F9268	Petrol pipe	1	

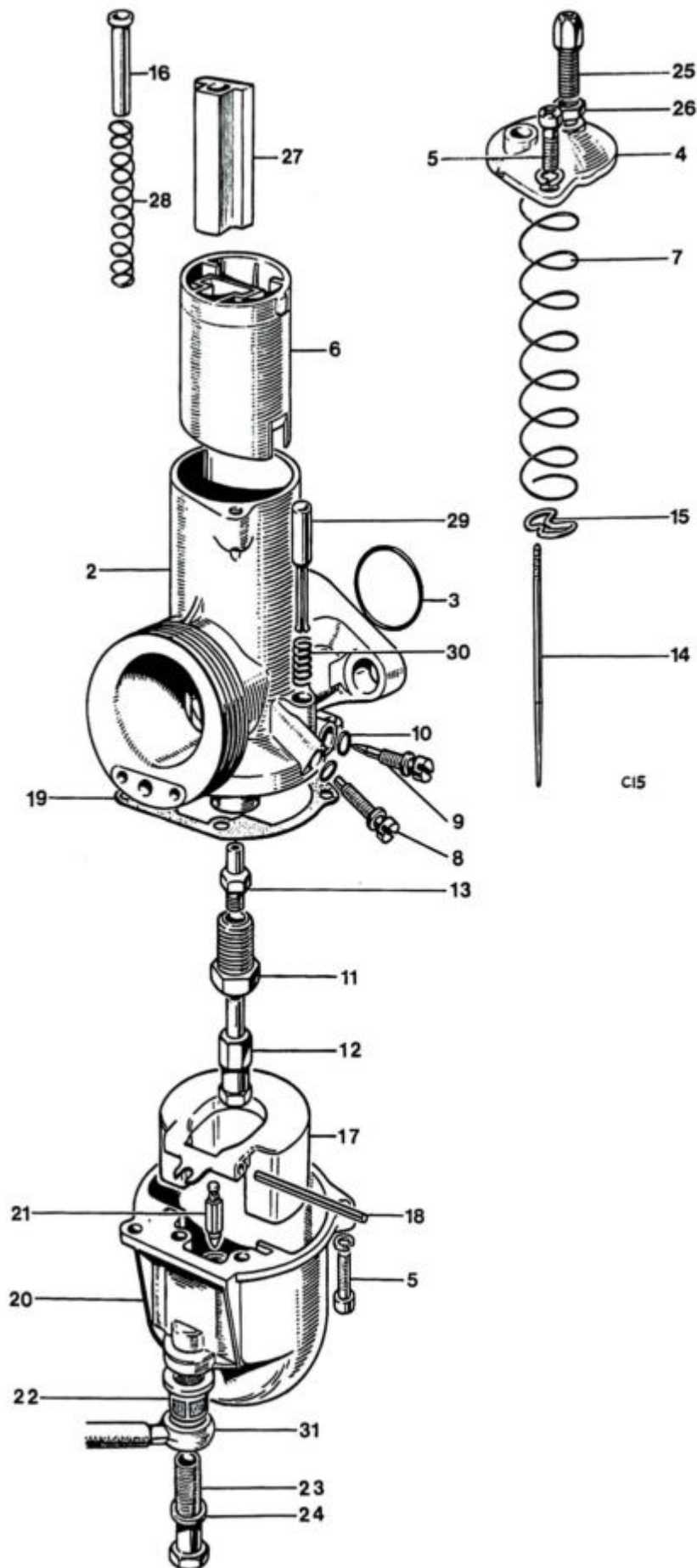


Fig. 28. CARBURETTER, T100T

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
CARBURETTER, T100T				
1	D2453	CARBURETTER L626/27	1	Left
1	D2454	CARBURETTER R626/26	1	Right
2	Reference only	Mixing chamber	1	} each Carburetter
3	99-0522	"O" ring seal (622/101)	1	
4	99-1049	Mixing chamber top (622/097)	1	
5	99-0521	Screw (622/086)	4	
6	99-1125	Throttle valve (3 cutaway) (622/060)	1	
7	99-0509	Throttle return spring (copper plated) (622/065)	1	
8	99-0516	Throttle stop screw (622/077)	1	
9	99-0515	Air adjusting screw (622/076)	1	
10	99-0520	"O" ring (622/082)	2	
11	99-1034	Jet holder (622/128)	1	
12	99-0445	Main jet (size 180) (376/100)	1	
13	99-1035	Needle jet (size .106) (622/122)	1	
14	99-1036	Needle (622/124)	1	
15	99-0510	Needle clip (622/067)	1	
16	99-1051	Air valve guide sleeve (622/134)	1	
17	99-0512	Float (622/069)	1	
18	99-0513	Float spindle (622/071)	1	
19	99-0514	Joint washer (622/073)	1	
20	99-0506	Float chamber (622/050)	1	
21	99-0511	Float needle (622/068)	1	
22	99-0438	Filter (376/093)	1	
23	99-0517	Banjo bolt (622/078)	1	
24	99-1124	Fibre washer (13/163)	1	
25	4/035	Cable adjuster	1	
26	99-0224	Nut (5/077)	1	
27	622/062	Air slide	1	
28	99-1038	Air slide spring (622/129)	1	
29	622/089	Tickler pin		Reference only
30	14/032	Spring		Reference only
31	F9269	Petrol pipe	1	

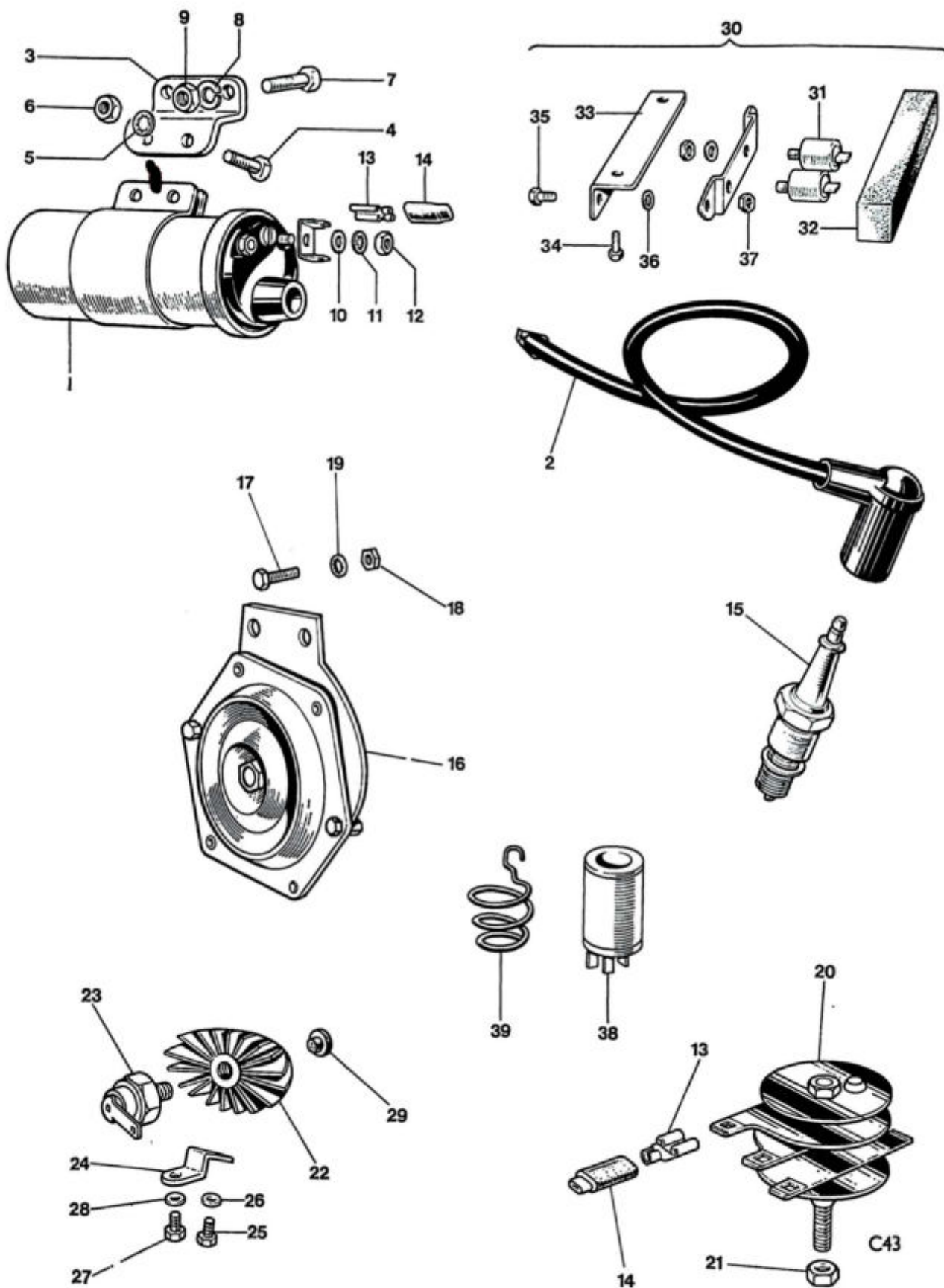


Fig. 29. IGNITION COILS, HORN, RECTIFIER, ZENER DIODE AND CONDENSER PACK

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
IGNITION COILS, HORN, RECTIFIER ZENER DIODE AND CONDENSER PACK				
1	D2206	Ignition coil (45223) Lucas type 17 M12	1	
2	D2209	H.T. cable c/w clip and grommet (resistive)	1	
3	F11533	Coil bracket	2	
4	14-0103	Bolt (Coil to bkt and bkt to bkt)	4	
5	E1612	Washer	4	
6	14-0301	Nut	4	
7	14-0114	Bolt (Coil bkt to frame)	2	
8	S26-3	Spring washer	2	
9	14-0302	Nut	2	
10	131023	Plain washer E2351	4	
11	188330	Serrated washer (GS299)	4	
12	166043	Nut (F3799)	4	
13	54942078	Lucar connector	As required	
14	54190042	Insulating cover... ..	As required	
15	N3	Champion sparking plug	2	
16	F7552	Horn (Clearhooter 27899)	1	
17	F4771	Screw ($\frac{3}{8}$ in. U.H.)	2	
18	F3799	Nut	3	
19	GS299	Serrated washer	3	
20	99-0589	Rectifier, type 2DS 506 (49072)	1	
21	F5338	Nut (156 596)	1	
22	H2237	Heat sink	1	
23	99-0590	Zener diode (49345)	1	
24	H2365	Heat sink bracket	1	
25	14-6102	Bolt	1	
26	S26-2	Washer	1	
27	14-0113	Bolt, bracket to fork lug	1	
28	S26-3	Washer	1	
29	H2275	Plug, heatsink	1	
30	99-0588	Condenser pack 2CP (47638)	1	
31	99-1043	Condenser (54420128)	2	
32	99-0767	Cover (54418528)	1	
33	F8082	Condenser pack bracket	1	
34	E4638	Screw bracket frame	2	
35	F10033	Bolt, condenser pack to bracket	2	
36	GS299	Shakeproof washer	2	
37	F3799	Nut	2	
38	99-0737	Ignition capacitor (type 2MC) (54170009)	Available	
39	99-0778	Capacitor mounting spring (54483156)	Available	

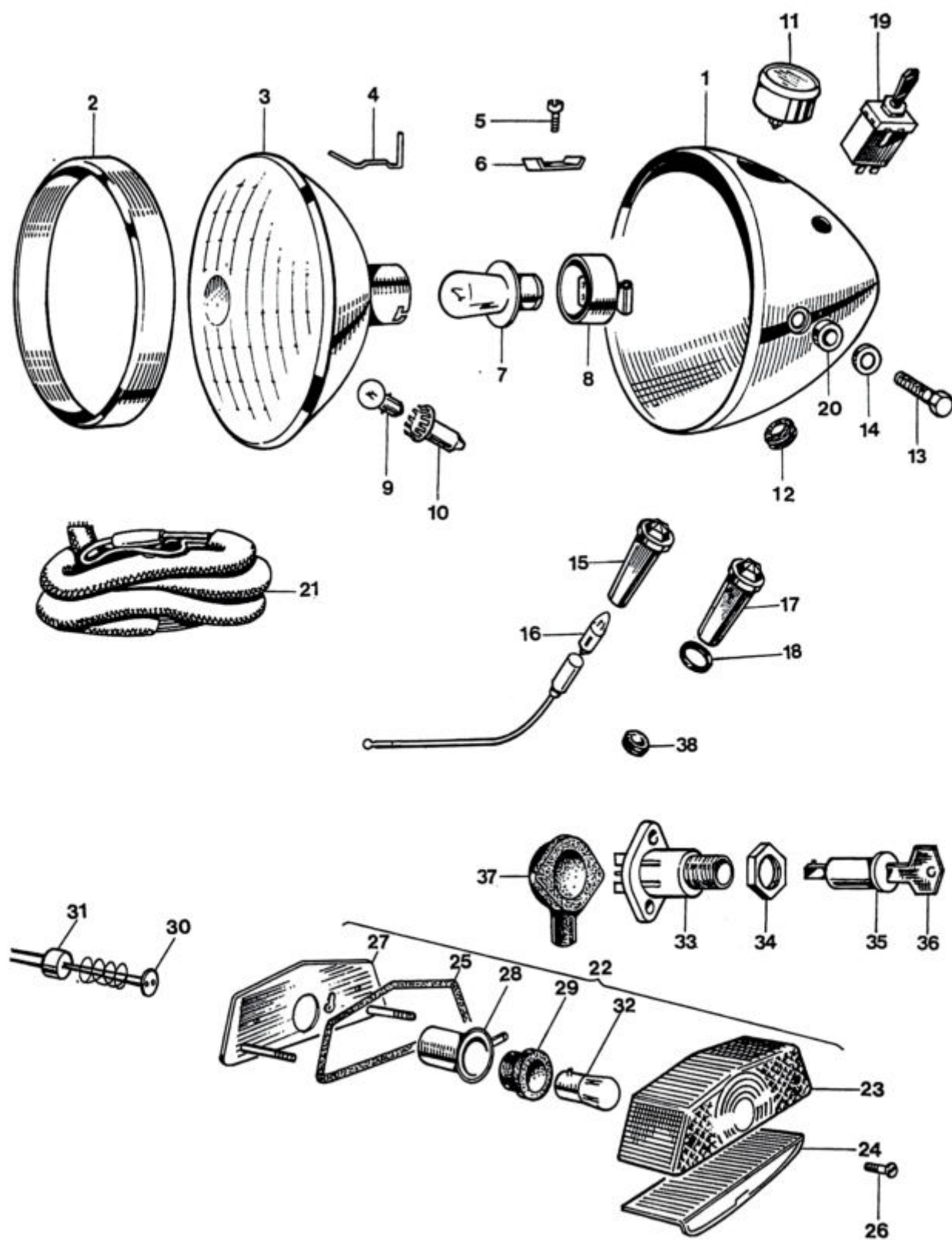


Fig. 30. HEADLAMP, WIRING HARNESS, SWITCHES AND TAIL LAMP

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
HEADLAMP, WIRING HARNESS, SWITCHES AND TAIL LAMP				
1	99-0608	HEADLAMP COMPLETE SS700P, 59883	...	1
2	99-0692	Rim (553248)	...	1
3	99-0686	Light unit (516798)	...	1
4	99-0683	Fixing wire (504665)	...	6
5	144921	Screw	...	1
6	99-0690	Plate (534296)	...	1
7	99-0545	Bulb (50/40W. Vert dip. Pre-focus) (446)	...	1
8	99-1003	Main bulbholder (54520540)	...	1
9	99-0548	Bulb (3W. M.C.C.) (989)	...	1
10	99-0695	Pilot bulbholder (554710)	...	1
11	99-1044	Ammeter, type 2AR (36403)	...	1
12	862217	Grommet	...	1
13	99-1004	Bolt (112201)	...	2
14	99-1005	Plain washer (137498)	...	2
15	99-0568	Warning light body (Red) (38189)	...	1
16	99-0537	Bulb (2W. BA7S) (281)	...	1
17	99-0569	Warning light body (Green) (38191)	...	1
18	54140331	Sealing washer	...	Reference only
19	99-0563	Lighting switch, type 57SA (35710)	...	1
20	H1932	Distance piece	...	2
21	99-1121	Wiring harness (54957095)	...	1
22	99-0595	STOP AND TAIL LAMP, Type 564 (53454)	...	1
23	573839	Lens...	...	1
24	575200	Window	...	1
25	99-0703	Lens seating gasket (575208)	...	1
26	99-0704	Sleeve nut (575219)	...	2
27	576002	Base assembly	...	1
28	575209	Bulbholder	...	1
29	99-0702	Grommet (575207)	...	1
30	99-0701	Contact assembly (573828)	...	1
31	99-0700	Grommet (573825)	...	1
32	99-0542	Bulb (6/12W. Offset pin) (380)	...	2
33	99-0558	Ignition switch, type S45 (31899)	...	1
34	99-1000	Nut (54130041)	...	Reference only
35	F6981	IGNITION LOCK c/w KEYS	...	1
36	D622	Ignition key (state serial number)	...	As required
37	H2262	Ignition switch cover	...	1
38	199001	Grommet for tail lamp lead	...	1

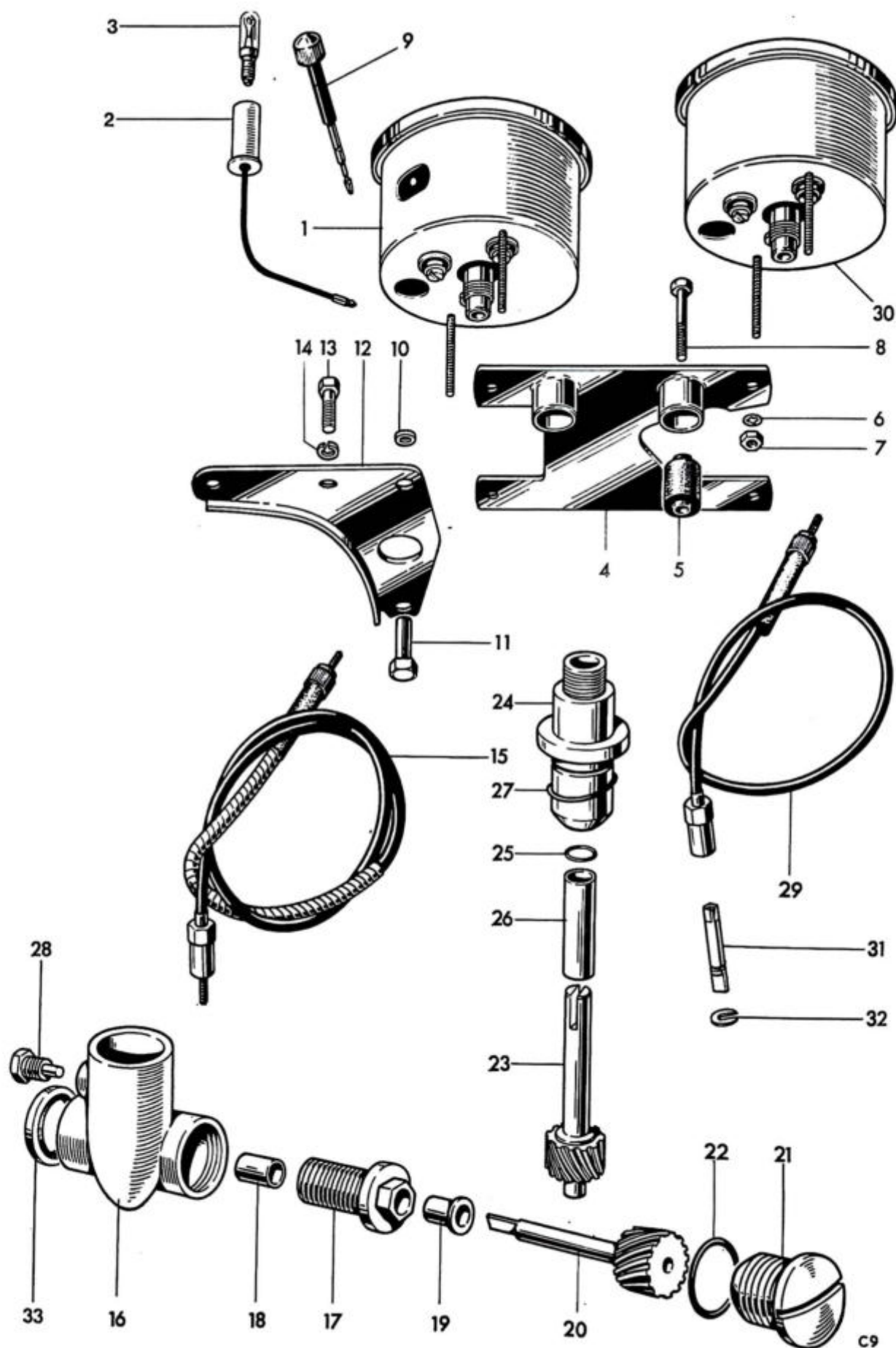


Fig. 31. SPEEDOMETER AND TACHOMETER

Ref. No.	Part No.	DESCRIPTION	QUANTITY	REMARKS
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SPEEDOMETER AND TACHOMETER

1	99-0159	Speedometer head MPH (SSM5001/00)	...	...	...	1	
1	99-0160	Speedometer head KPH (SSM5001/01)	...	...	...	1	Alternative
2	99-0695	Bulb holder (554710)	...	...	...	1	
3	643	Bulb, 3.W. M.E.S.	...	...	...	1	
4	H1946	MOUNTING BRACKET	...	...	...	1	Optional
5	H1929	Metalastik bush	...	...	...	2	
6	30-282-014 11	Washer	...	...	...	2	
7	30-276-037 11	Nut	...	...	...	2	
8	S590	Bolt (1 $\frac{3}{8}$ in. U.H.)	...	...	...	2	
9	41-148-203	Trip control	...	...	...	1	
10	H1702	Distance piece	...	...	...	2	
11	H1701	Sleeve nut	...	...	...	2	
12	H1668	Bracket	...	...	...	1	
13	14-0101	Bolt ($\frac{1}{2}$ in. U.H.)	...	...	...	2	
14	S26-2	Spring washer	...	...	...	2	
15	D692	Speedometer cable (63 ins. long) (D692W inner only)	...	...	...	1	Smiths DF9110/00
16	E9438	TACHOMETER GEARBOX (Body E5757) L.H. Thread UN	...	...	...	1	Optional
17	E9332	Securing screw (left hand thread)	...	...	...	1	
18	E5156	Bush	...	...	...	1	
19	Reference only	Flanged bush	...	...	...	1	
20	E5157	Driving gear	...	...	...	1	
21	E5759	End cap	...	...	...	1	
22	E6300	"O" ring	...	...	...	1	
23	E5578	Driven gear	...	...	...	1	
24	E6122	Driven gear housing	...	...	...	1	
25	E6299	"O" ring	...	...	...	1	
26	Reference only	Bush	...	...	...	1	
27	E3309	"O" ring	...	...	...	1	
28	E5881	Set screw	...	...	...	1	
29	D648	Tachometer cable	...	...	...	1	
30	99-0166	Tachometer (RSM 3003/01)	...	...	...	1	
31	99-0173	Spade	...	...	...	1	
32	D494	Circlip	...	...	...	1	
33	E7351	Sealing washer	...	...	...	1	