

20-10191 C



# REPLACEMENT PARTS CATALOGUE

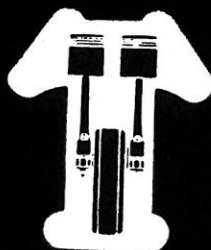
No. 8

For 650 c.c. (40 cub. in.) Model.

## 1970 MODELS

TROPHY TR6

BONNEVILLE T120



U.K. AND GENERAL EXPORT EDITION



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MOTORCYCLES AND PARTS INC.

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# **REPLACEMENT PARTS**

**CATALOGUE No. 8**

**UNIT CONSTRUCTION 650 c.c. TWINS**

TR6 TROPHY

T120 BONNEVILLE 120

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

**PUBLISHED SEPTEMBER 1969**

**99-0901**

## 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.

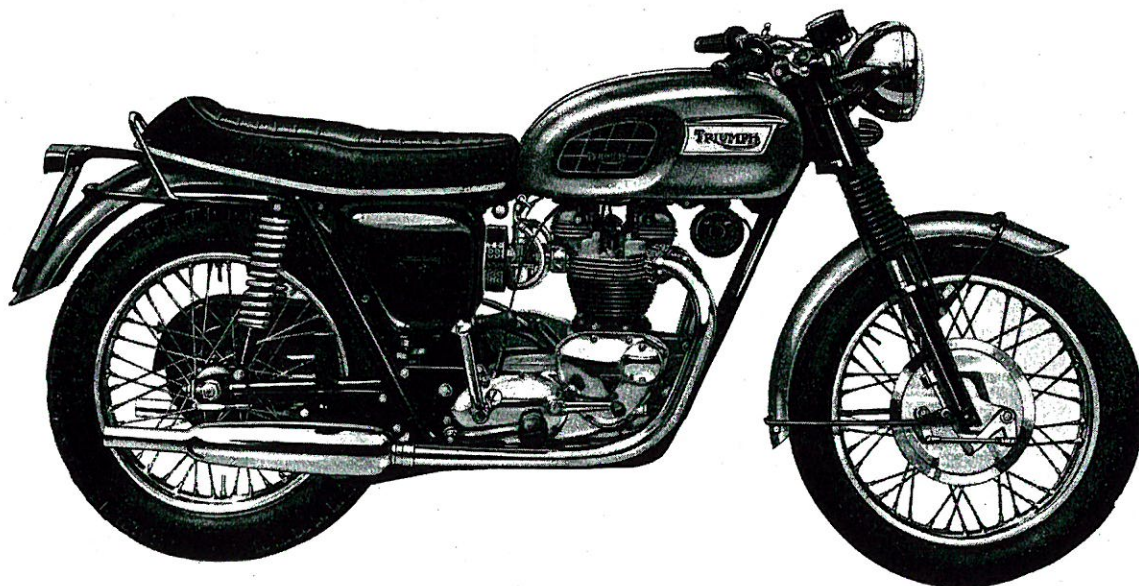
## REPAIRS GUARANTEE

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.



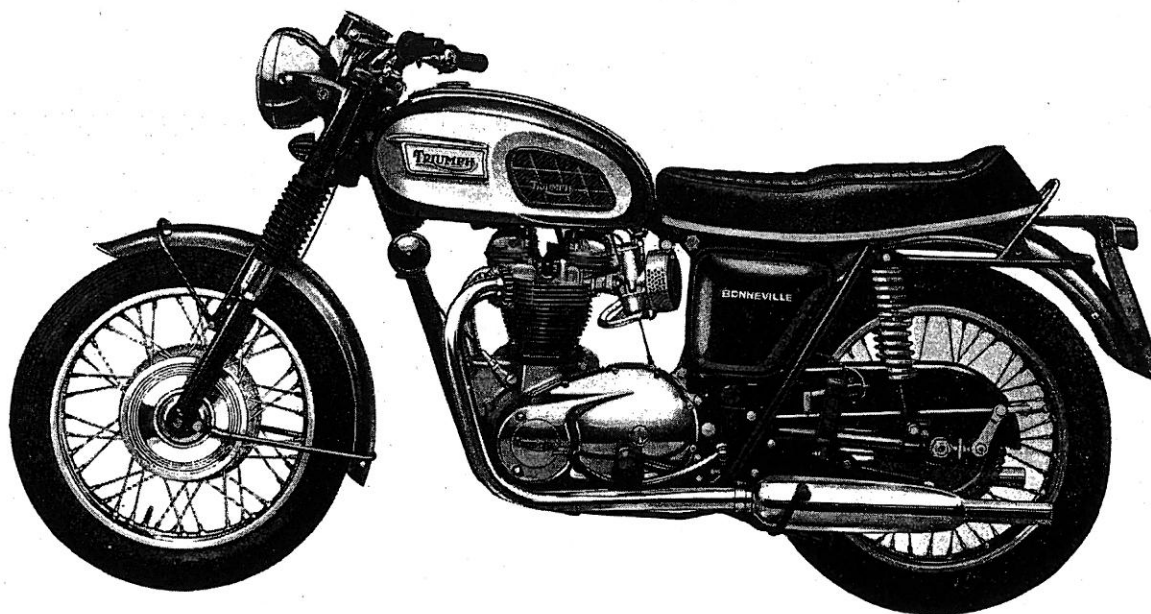
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### TROPHY (TR6) TECHNICAL DATA

|                    |     |     |     |     |                        |     |     |     |     |                                   |
|--------------------|-----|-----|-----|-----|------------------------|-----|-----|-----|-----|-----------------------------------|
| Bore and stroke... | ... | ... | ... | ... | ...                    | ... | ... | ... | ... | 71 x 82 mm.<br>2.79 x 3.23 ins.   |
| Capacity ...       | ... | ... | ... | ... | ...                    | ... | ... | ... | ... | 649 c.c. (40 cu. ins.)            |
| Compression ratio  | ... | ... | ... | ... | ...                    | ... | ... | ... | ... | 9 : 1                             |
| Sparking plugs ... | ... | ... | ... | ... | ...                    | ... | ... | ... | ... | Champion N3                       |
| Carburetter        | ... | ... | ... | ... | ...                    | ... | ... | ... | ... | Amal                              |
|                    |     |     |     |     | Main jet               | ... | ... | ... | ... | 230                               |
|                    |     |     |     |     | Needle jet             | ... | ... | ... | ... | .107                              |
|                    |     |     |     |     | Throttle valve         | ... | ... | ... | ... | No. 3½                            |
| Gearbox sprocket   | ... | ... | ... | ... | ...                    | ... | ... | ... | ... | 19 teeth Solo<br>17 teeth Sidecar |
| Chains             | ... | ... | ... | ... | Front                  | ... | ... | ... | ... | 3/8" Duplex x 84 links            |
|                    |     |     |     |     | Rear                   | ... | ... | ... | ... | 5/8" x 3/8" x 104 links           |
| Capacities         | ... | ... | ... | ... | Fuel Tank              | ... | ... | ... | ... | 4 galls. (18 litres)              |
|                    |     |     |     |     | Oil Tank               | ... | ... | ... | ... | 5½ pints (3.125 litres)           |
|                    |     |     |     |     | Gearbox                | ... | ... | ... | ... | 7/8 pint (500 c.c.)               |
|                    |     |     |     |     | Primary Chaincase      | ... | ... | ... | ... | 5/8 pint (350 c.c.)               |
|                    |     |     |     |     | Front Forks (each leg) | ... | ... | ... | ... | 1/3 pint (200 c.c.)               |
| Brakes             | ... | ... | ... | ... | Front, diameter...     | ... | ... | ... | ... | 8 in. (20.32 cm.)                 |
|                    |     |     |     |     | Rear, diameter ...     | ... | ... | ... | ... | 7 in. (17.78 cm.)                 |
| Tyre size ...      | ... | ... | ... | ... | Front                  | ... | ... | ... | ... | 3.25 x 19                         |
|                    |     |     |     |     | Rear                   | ... | ... | ... | ... | 3.50 x 18                         |



### BONNEVILLE 120 (T120) TECHNICAL DATA

|                   |     |     |     |     |                        |     |     |     |     |                                               |
|-------------------|-----|-----|-----|-----|------------------------|-----|-----|-----|-----|-----------------------------------------------|
| Bore and stroke   | ... | ... | ... | ... | ...                    | ... | ... | ... | ... | 71 x 82 mm.<br>2.79 x 3.23 ins.               |
| Capacity          | ... | ... | ... | ... | ...                    | ... | ... | ... | ... | 649 c.c. (40 cu. ins.)                        |
| Compression ratio | ... | ... | ... | ... | ...                    | ... | ... | ... | ... | 9 : 1                                         |
| Sparking plugs    | ... | ... | ... | ... | ...                    | ... | ... | ... | ... | Champion N3                                   |
| Carburettors      | ... | ... | ... | ... | ...                    | ... | ... | ... | ... | 2 Amal                                        |
|                   |     |     |     |     | Main jet               | ... | ... | ... | ... | 190                                           |
|                   |     |     |     |     | Needle jet             | ... | ... | ... | ... | 106                                           |
|                   |     |     |     |     | Throttle valve         | ... | ... | ... | ... | No. 3                                         |
| Gearbox sprocket  | ... | ... | ... | ... | ...                    | ... | ... | ... | ... | 19 teeth Solo<br>17 teeth Sidecar             |
| Chains            | ... | ... | ... | ... | Front                  | ... | ... | ... | ... | $\frac{3}{8}$ " Duplex x 84 links             |
|                   |     |     |     |     | Rear                   | ... | ... | ... | ... | $\frac{5}{8}$ " x $\frac{3}{8}$ " x 104 links |
| Capacities        | ... | ... | ... | ... | Fuel Tank              | ... | ... | ... | ... | 4 galls. (18 litres)                          |
|                   |     |     |     |     | Oil Tank               | ... | ... | ... | ... | 5½ pints (3.125 litres)                       |
|                   |     |     |     |     | Gearbox                | ... | ... | ... | ... | $\frac{7}{8}$ pint (500 c.c.)                 |
|                   |     |     |     |     | Primary Chaincase      | ... | ... | ... | ... | $\frac{5}{8}$ pint (350 c.c.)                 |
|                   |     |     |     |     | Front Forks (each leg) | ... | ... | ... | ... | $\frac{1}{3}$ pint (200 c.c.)                 |
| Brakes            | ... | ... | ... | ... | Front, diameter...     | ... | ... | ... | ... | 8 in. (20.32 cm.)                             |
|                   |     |     |     |     | Rear, diameter         | ... | ... | ... | ... | 7 in. (17.78 cm.)                             |
| Tyre size         | ... | ... | ... | ... | Front                  | ... | ... | ... | ... | 3.00 x 19                                     |
|                   |     |     |     |     | Rear                   | ... | ... | ... | ... | 3.50 x 18                                     |



## CARTON PACK LIST

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

| Part No.                                                                                                          |     |     |     | Contents     |     |     |                             |
|-------------------------------------------------------------------------------------------------------------------|-----|-----|-----|--------------|-----|-----|-----------------------------|
| <b>Brake Lining</b>                                                                                               |     |     |     |              |     |     |                             |
| C.P.38/A.M.2                                                                                                      | ... | ... | 2   | NW243        | ... | ... | Brake lining                |
|                                                                                                                   |     |     | 16  | W129         | ... | ... | Rivet                       |
| C.P.205                                                                                                           | ... | ... | 2   | W1734        | ... | ... | Brake lining                |
|                                                                                                                   |     |     | 16  | W129         | ... | ... | Rivet                       |
| <b>Pistons (complete with rings, gudgeon pins and circlips)</b>                                                   |     |     |     |              |     |     |                             |
| E6895                                                                                                             | ... | ... | ... | 7.5 : 1 C.R. | ... | ... | For use with low grade fuel |
| E6868                                                                                                             | ... | ... | ... | 9 : 1 C.R.   | ... | ... | Standard                    |
| E6867                                                                                                             | ... | ... | ... | 11 : 1 C.R.  | ... | ... | Competition use only        |
| All the above pistons are available in oversizes of 0.010 ins., 0.020 ins., 0.040 ins., (0.25 mm., 0.5 mm., 1mm.) |     |     |     |              |     |     |                             |
| <b>Valve Guides</b>                                                                                               |     |     |     |              |     |     |                             |
| C.P.97                                                                                                            | ... | ... | 2   | E2899        | ... | ... | Inlet guide                 |
| TR6)                                                                                                              | ... | ... | 2   | E2900        | ... | ... | Exhaust guide               |
| <b>De-coke Gasket Set</b>                                                                                         |     |     |     |              |     |     |                             |
| All models                                                                                                        | ... | ... | ... | ...          | ... | ... | D/GS7                       |

# HOW TO USE THIS SPARE PARTS CATALOGUE

First check that the engine number of your machine is subsequent to that quoted on the title page.

Next consult the index on Page 3 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.

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> |
|--------------|---------------|
| TR6          | Spring Gold   |
| T120         | Astral Red    |

Paint is available in all colours in Aerosol containers or 1 gallon tins.

## **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.



## TRIUMPH SPARES

**HOW TO ORDER.** Every part is indicated by a 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 ENGINE JUST BELOW THE CYLINDER, 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. A LIST OF AUTHORISED DEALERS WHO STOCK TRIUMPH SPARES IS AVAILABLE ON REQUEST. 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 manufacturers and not by ourselves. Any repairs or claims should be directed 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:—

### CARBURETTERS.

Messrs. Amal Ltd.,  
Holdford Road,  
Witton,  
Birmingham, 6.

### CHAINS.

Renold Chains Ltd.,  
Wythenshawe,  
Manchester.

### ELECTRICAL EQUIPMENT.

Messrs. J. Lucas Ltd.,  
Gt. Hampton Street,  
Birmingham, 18.

### TYRES.

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

The Avon Rubber Co. Ltd.,  
Melksham,  
Wilts.

### SPARKING 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,  
Staffordshire.

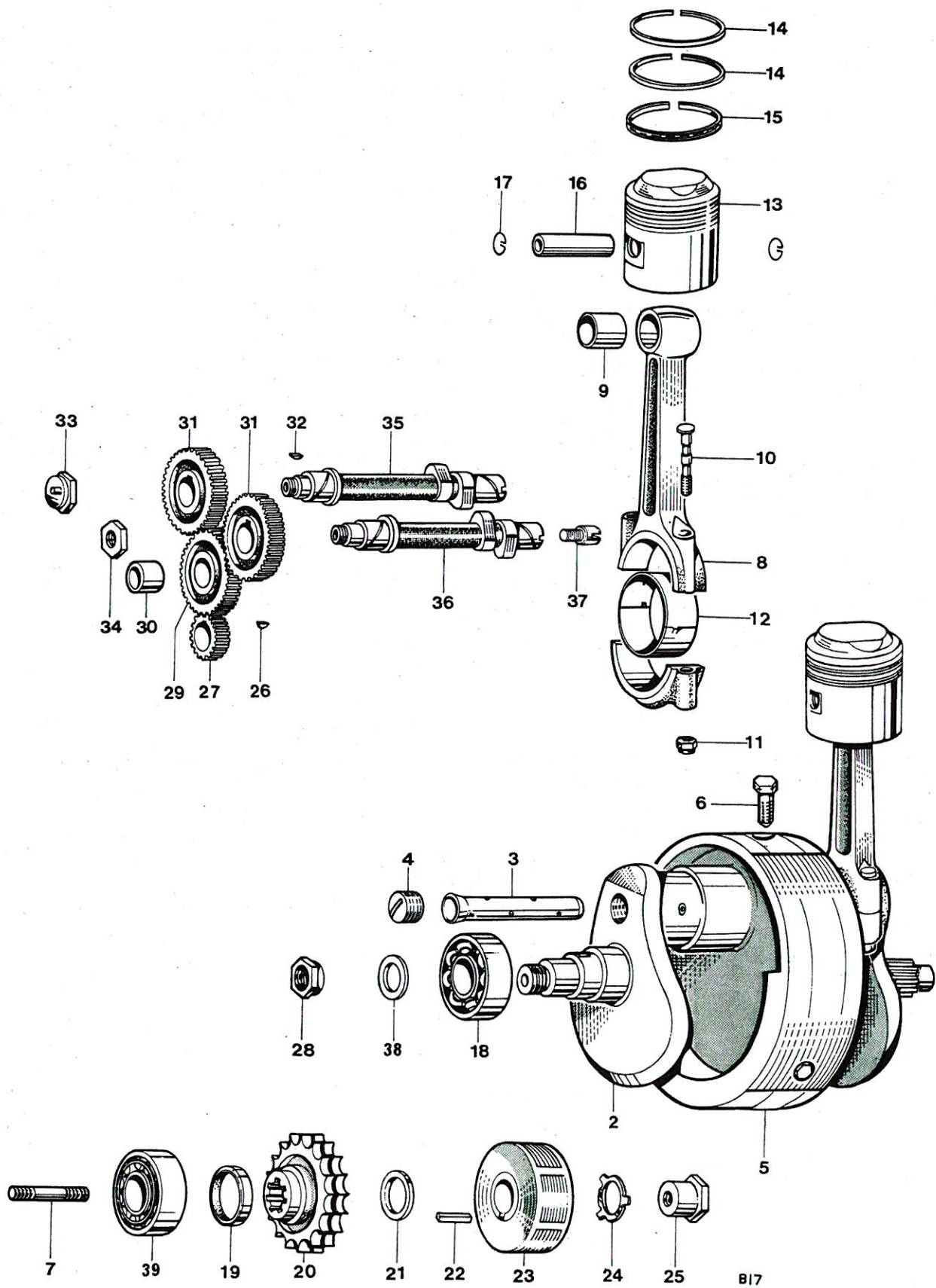


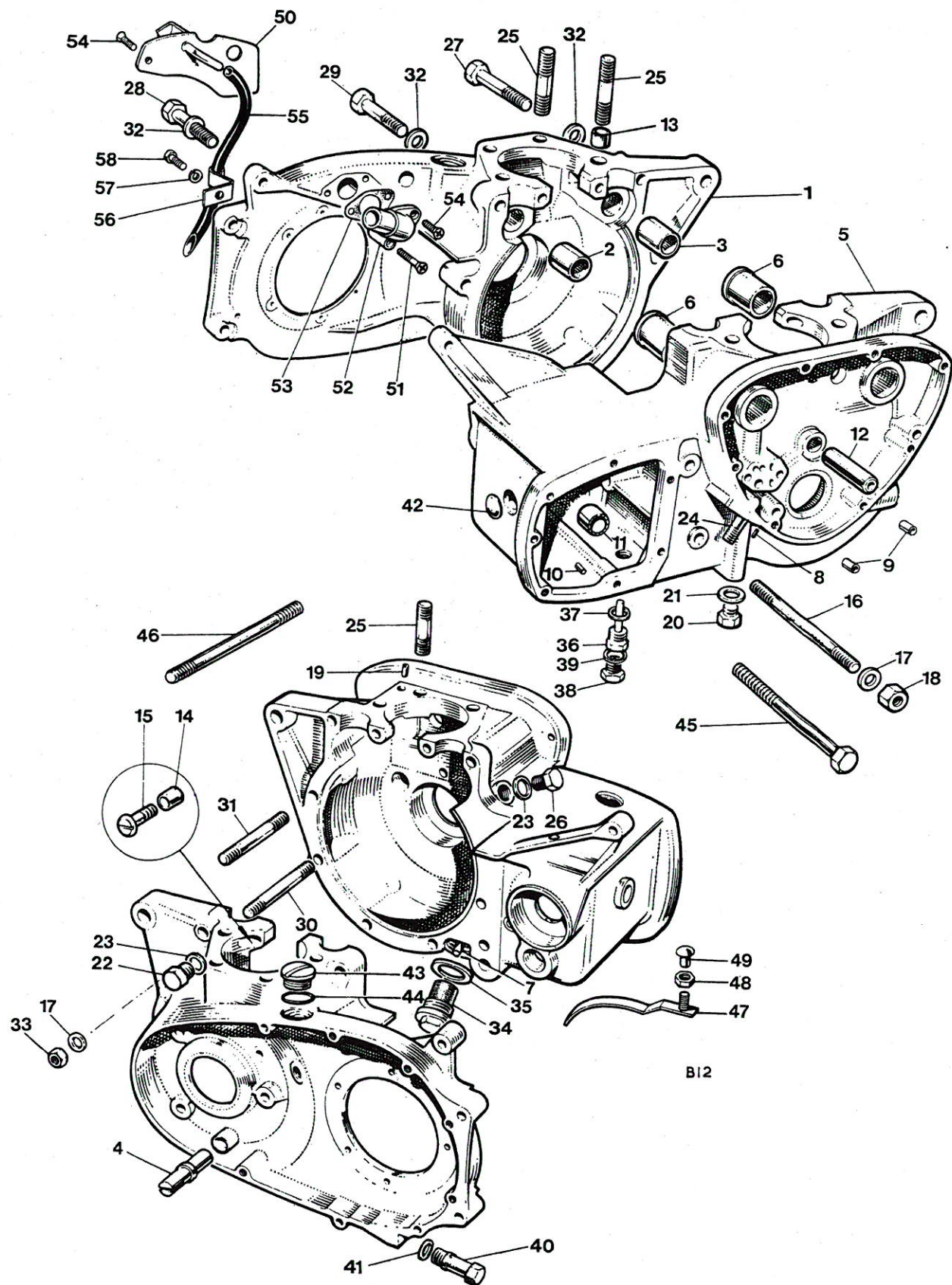
Fig. 1. CRANKSHAFT AND CONNECTING RODS

## CRANKSHAFT AND CONNECTING RODS

|    |         |                                                                 |     |     |     |   |
|----|---------|-----------------------------------------------------------------|-----|-----|-----|---|
| 1  | E9686   | CRANKSHAFT AND FLYWHEEL ASSEMBLY                                | ... | ... | ... | 1 |
| 2  | E4643   | CRANKSHAFT C/W. OIL TUBE                                        | ... | ... | ... | 1 |
| 3  | E3903   | Oil tube                                                        | ... | ... | ... | 1 |
| 4  | E3905   | Screwed plug                                                    | ... | ... | ... | 1 |
| 5  | E9687   | Flywheel                                                        | ... | ... | ... | 1 |
| 6  | *E3907  | Flywheel bolt                                                   | ... | ... | ... | 1 |
| 7  | E3114   | Crankshaft stud (1 $\frac{3}{8}$ " O.A.)                        | ... | ... | ... | 3 |
| 8  | E9525   | CONNECTING ROD                                                  | ... | ... | ... | 1 |
| 9  | E1511   | Small end bush                                                  | ... | ... | ... | 2 |
| 10 | E6576   | Connecting rod bolt                                             | ... | ... | ... | 2 |
| 11 | S2016   | Self locking nut                                                | ... | ... | ... | 4 |
| 12 | E3586   | Big end bearing (Available in —010 in. and —020 in. undersizes) | ... | ... | ... | 4 |
| 13 | E9488   | PISTON COMPLETE 9 : 1 C.R.                                      | ... | ... | ... | 2 |
| 14 | E6864   | Taper compression ring                                          | ... | ... | ... | 4 |
| 15 | E6865   | Oil control ring                                                | ... | ... | ... | 2 |
| 16 | E6861   | Gudgeon pin (short)                                             | ... | ... | ... | 2 |
| 17 | E6869   | Circlip                                                         | ... | ... | ... | 4 |
| 18 | E1591   | Main bearing, right                                             | ... | ... | ... | 1 |
| 19 | E3876   | Oil seal                                                        | ... | ... | ... | 1 |
| 20 | E5450   | Engine sprocket, 29 teeth Duplex                                | ... | ... | ... | 1 |
| 21 | E4912   | Distance piece                                                  | ... | ... | ... | 1 |
| 22 | E100082 | Rotor key                                                       | ... | ... | ... | 1 |
| 23 | 99-0739 | Rotor, type (54213901)                                          | ... | ... | ... | 1 |
| 24 | E3975   | Tab washer                                                      | ... | ... | ... | 1 |
| 25 | E3977   | Nut                                                             | ... | ... | ... | 1 |
| 26 | E1580   | Key                                                             | ... | ... | ... | 1 |
| 27 | E4564   | Timing pinion                                                   | ... | ... | ... | 1 |
| 28 | E4565   | Nut                                                             | ... | ... | ... | 1 |
| 29 | E6159   | INTERMEDIATE WHEEL                                              | ... | ... | ... | 1 |
| 30 | E400    | Intermediate wheel bush...                                      | ... | ... | ... | 1 |
| 31 | E4562   | Camshaft wheel...                                               | ... | ... | ... | 2 |
| 32 | E1558   | Camshaft key                                                    | ... | ... | ... | 2 |
| 33 | E11007  | Inlet camshaft nut                                              | ... | ... | ... | 1 |
| 34 | E6523   | Exhaust camshaft nut                                            | ... | ... | ... | 1 |
| 35 | E11063  | Inlet camshaft                                                  | ... | ... | ... | 1 |
| 36 | E9989   | EXHAUST CAMSHAFT                                                | ... | ... | ... | 1 |
| 37 | E9988   | Tachometer drive plug                                           | ... | ... | ... | 1 |
| 38 | E3300   | Clamping washer                                                 | ... | ... | ... | 1 |
| 39 | E2879   | Main bearing, left                                              | ... | ... | ... | 1 |

\* Use D524 Loctite Sealant





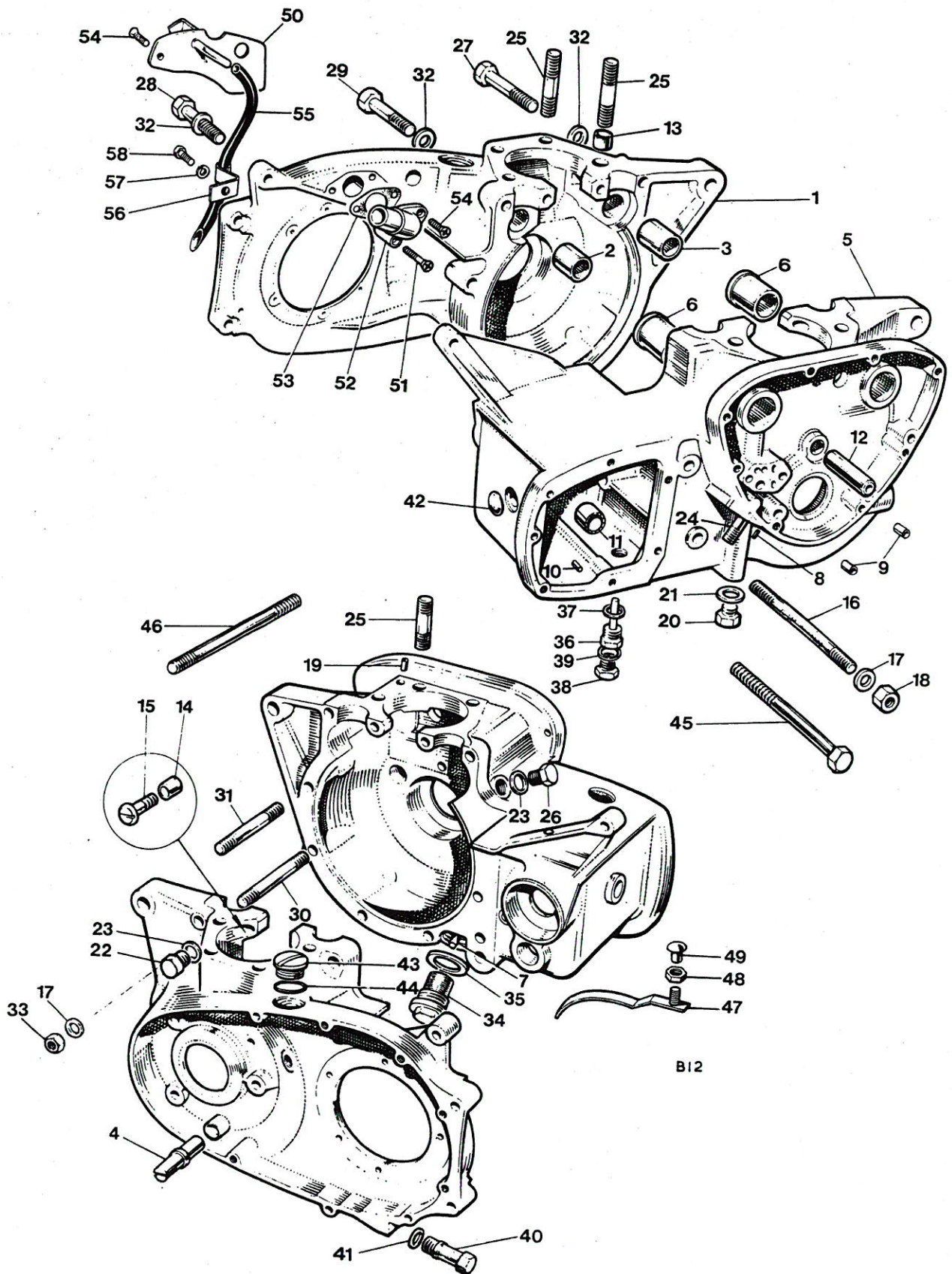
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Fig. 2. CRANKCASE

## CRANKCASE

|    |         |                                                  |     |     |     |     |     |     |                |
|----|---------|--------------------------------------------------|-----|-----|-----|-----|-----|-----|----------------|
| 1  | E11266  | CRANKCASE DRIVE SIDE ...                         | ... | ... | ... | ... | ... | 1   |                |
| 2  | E10287  | Camshaft bush ...                                | ... | ... | ... | ... | ... | 1   |                |
| 3  | E10287  | Camshaft bush ...                                | ... | ... | ... | ... | ... | 1   |                |
| 4  | E5976   | Chain tensioner abutment ...                     | ... | ... | ... | ... | ... | 1   |                |
| 5  | E11267  | CRANKCASE TIMING SIDE ...                        | ... | ... | ... | ... | ... | 1   |                |
| 6  | E10286  | Camshaft bush ...                                | ... | ... | ... | ... | ... | 2   |                |
| 7  | E4538   | Scavenge pipe ...                                | ... | ... | ... | ... | ... | ... | Reference only |
| 8  | E6386   | Locating peg (at oil pipes) ...                  | ... | ... | ... | ... | ... | ... | Reference only |
| 9  | T989    | Metering dowel ...                               | ... | ... | ... | ... | ... | 1   |                |
| 10 | T912    | Locating peg (L/S at thrust washer) ...          | ... | ... | ... | ... | ... | 1   |                |
| 11 | T1606   | Needle roller bearing, layshaft ...              | ... | ... | ... | ... | ... | 1   |                |
| 12 | E375    | Intermediate wheel spindle ...                   | ... | ... | ... | ... | ... | 1   |                |
| 13 | E8751   | Hollow dowel ...                                 | ... | ... | ... | ... | ... | 2   |                |
| 14 | E3716   | Hollow dowel ...                                 | ... | ... | ... | ... | ... | 1   |                |
| 15 | S1873   | Screw ( $\frac{13}{16}$ in. U.H.) ...            | ... | ... | ... | ... | ... | 2   |                |
| 16 | 14-1445 | Stud ( $4\frac{1}{2}$ in. O.A.) ...              | ... | ... | ... | ... | ... | 1   |                |
| 17 | S25-2   | Plain washer ...                                 | ... | ... | ... | ... | ... | 2   |                |
| 18 | 14-0303 | Nut ...                                          | ... | ... | ... | ... | ... | 2   |                |
| 19 | E1532   | Hollow dowel, tappet oil feed ...                | ... | ... | ... | ... | ... | 2   |                |
| 20 | E9330   | Oilway plug ...                                  | ... | ... | ... | ... | ... | 1   |                |
| 21 | F1880   | Copper washer ...                                | ... | ... | ... | ... | ... | 1   |                |
| 22 | S1871   | Tachometer drive plug (L.H. thread) ...          | ... | ... | ... | ... | ... | 1   |                |
| 23 | E8896   | Fibre washer ...                                 | ... | ... | ... | ... | ... | 1   |                |
| 24 | S1863   | Oil pipe stud ( $1\frac{1}{2}$ in. O.A.) ...     | ... | ... | ... | ... | ... | 1   |                |
| 25 | S1865   | Cylinder stud ( $1\frac{3}{4}$ in. O.A.) ...     | ... | ... | ... | ... | ... | 8   |                |
| 26 | S1872   | Plug, timing hole ...                            | ... | ... | ... | ... | ... | 1   |                |
| 27 | S1870   | Bolt ( $2\frac{1}{2}$ in. U.H.) ...              | ... | ... | ... | ... | ... | 1   |                |
| 28 | 14-6220 | Bolt ( $1\frac{3}{4}$ in. U.H.) ...              | ... | ... | ... | ... | ... | 1   |                |
| 29 | S1869   | Bolt ( $1\frac{7}{8}$ in. U.H.) ...              | ... | ... | ... | ... | ... | 1   |                |
| 30 | E4856   | Stud ( $5\frac{1}{16}$ in. O.A.) ...             | ... | ... | ... | ... | ... | 1   |                |
| 31 | E2888   | Stud ( $3\frac{3}{8}$ in. O.A.) ...              | ... | ... | ... | ... | ... | 2   |                |
| 32 | S25-3   | Plain washer ...                                 | ... | ... | ... | ... | ... | 11  |                |
| 33 | S1-51   | Nut ...                                          | ... | ... | ... | ... | ... | 8   |                |
| 34 | E9336   | Crankcase filter ...                             | ... | ... | ... | ... | ... | 1   |                |
| 35 | E5315   | Joint washer ...                                 | ... | ... | ... | ... | ... | 1   |                |
| 36 | T3668   | Drain plug (with level tube) ...                 | ... | ... | ... | ... | ... | 1   |                |
| 37 | T1257   | Fibre washer ...                                 | ... | ... | ... | ... | ... | 1   |                |
| 38 | S543    | Level plug ...                                   | ... | ... | ... | ... | ... | 1   |                |
| 39 | E2441   | Copper washer ...                                | ... | ... | ... | ... | ... | 1   |                |
| 40 | E6347   | Drain and adjuster plug ...                      | ... | ... | ... | ... | ... | 1   |                |
| 41 | T1738   | Fibre washer ...                                 | ... | ... | ... | ... | ... | 1   |                |
| 42 | T1920   | Blanking plug ...                                | ... | ... | ... | ... | ... | 1   |                |
| 43 | T2166   | Filler plug ...                                  | ... | ... | ... | ... | ... | 2   |                |
| 44 | E8782   | "O" ring ...                                     | ... | ... | ... | ... | ... | 2   |                |
| 45 | 14-6242 | Bolt (4 in. U.H.) ...                            | ... | ... | ... | ... | ... | 1   |                |
| 46 | E5963   | Stud ( $4\frac{3}{4}$ in. O.A.) ...              | ... | ... | ... | ... | ... | 1   |                |
| 47 | E8892   | Protection blade ...                             | ... | ... | ... | ... | ... | 1   |                |
| 48 | 14-1301 | Self lock nut ...                                | ... | ... | ... | ... | ... | 1   | Available      |
| 49 | E7573   | Rubber plug (for protection blade stud hole) ... | ... | ... | ... | ... | ... | 1   |                |
| 50 | E11072  | Breather cover plate assembly ...                | ... | ... | ... | ... | ... | 1   |                |
| 51 | E11075  | Screws ...                                       | ... | ... | ... | ... | ... | 1   |                |
| 52 | E9335   | Outlet stub ...                                  | ... | ... | ... | ... | ... | 1   |                |





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Fig. 2. CRANKCASE



| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|----------|-------------|----------|---------|
|----------|----------|-------------|----------|---------|

### CRANKCASE (continued)

|    |         |                                        |   |  |
|----|---------|----------------------------------------|---|--|
| 53 | E11076  | Joint washer ... ..                    | 1 |  |
| 54 | E11077  | Screw ... ..                           | 1 |  |
| 55 | E11078  | Tube, primary chain oiler ... ..       | 2 |  |
| 56 | E4705   | Clip ... ..                            | 1 |  |
| 57 | S26-2   | Spring washer ... ..                   | 1 |  |
| 58 | 14-0101 | Bolt ( $\frac{7}{16}$ in. U.H.) ... .. | 1 |  |

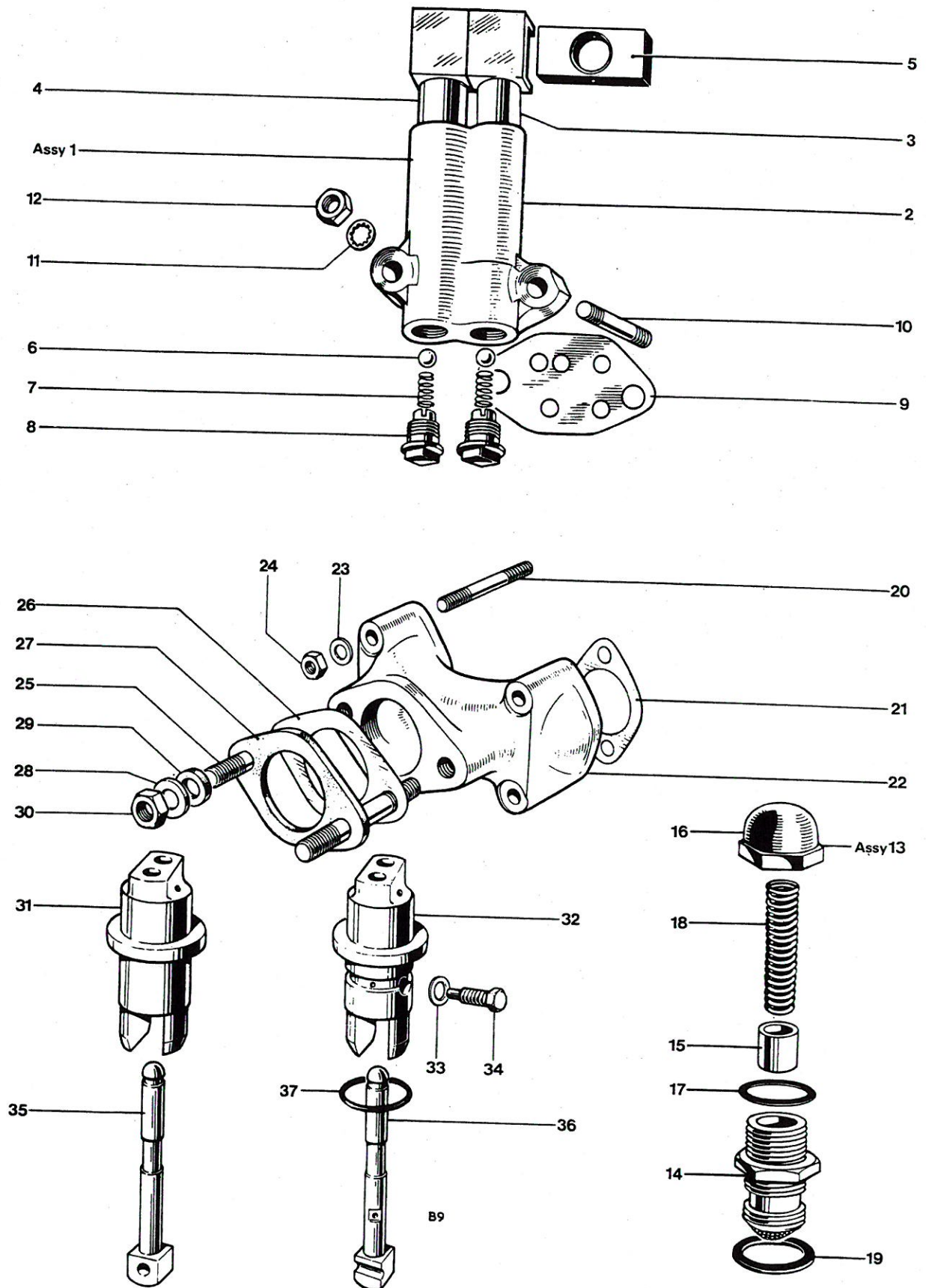


Fig. 3. OIL PUMP, RELEASE VALVE, MANIFOLD AND TAPPETS

## OIL PUMP, RELEASE VALVE, MANIFOLD AND TAPPETS

|    |                |                                           |     |     |     |     |     |     |     |   |     |
|----|----------------|-------------------------------------------|-----|-----|-----|-----|-----|-----|-----|---|-----|
| 1  | E9421          | OIL PUMP                                  | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 2  | Reference only | Pump body..                               | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 3  | E9269          | Feed plunger                              | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 4  | E6681          | Scavenge plunger                          | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 5  | E495           | Drive block                               | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 6  | S70-7          | Valve ball ( $\frac{7}{32}$ in. dia.)     | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 7  | E403           | Valve spring                              | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 8  | E2360          | Screwed plug                              | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 9  | E3730          | Joint washer                              | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 10 | S1684          | Oil pump stud ( $1\frac{5}{16}$ in. U.H.) | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 11 | E3887          | Serrated washer                           | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 12 | S1906          | Nut                                       | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 13 | E6595          | OIL RELEASE VALVE                         | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 14 | E7590          | Valve body                                | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 15 | GS251          | Piston                                    | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 16 | E6596          | Cap                                       | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 17 | GS254          | Fibre washer                              | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 18 | E7591          | Main spring                               | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 19 | E1670          | Fibre washer                              | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 20 | S1876          | Stud ( $1\frac{1}{8}$ in. O.A.)           | ... | ... | ... | ... | ... | ... | ... | 4 |     |
| 21 | E5660          | Joint washer                              | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 22 | E9973          | Inlet manifold                            | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 23 | S25-13         | Plain washer                              | ... | ... | ... | ... | ... | ... | ... | 4 |     |
| 24 | S1877          | Nut                                       | ... | ... | ... | ... | ... | ... | ... | 4 |     |
| 25 | S1996          | Stud ( $1\frac{7}{32}$ in. O.A.)          | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 26 | E4919          | Joint washer                              | ... | ... | ... | ... | ... | ... | ... | 1 | TR6 |
| 27 | E4918          | Insulating block                          | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 28 | E9555          | Cup                                       | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 29 | E9554          | "O" ring                                  | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 30 | 14-1301        | Nut                                       | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 31 | E9352          | Inlet tappet guide                        | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 32 | E9353          | Exhaust tappet guide                      | ... | ... | ... | ... | ... | ... | ... | 1 |     |
| 33 | E1612          | Copper washer                             | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 34 | H200           | Set bolt                                  | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 35 | E3059R         | Inlet tappet                              | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 36 | E8801          | Exhaust tappet                            | ... | ... | ... | ... | ... | ... | ... | 2 |     |
| 37 | E7563          | 'O' Ring                                  | ... | ... | ... | ... | ... | ... | ... | 2 |     |



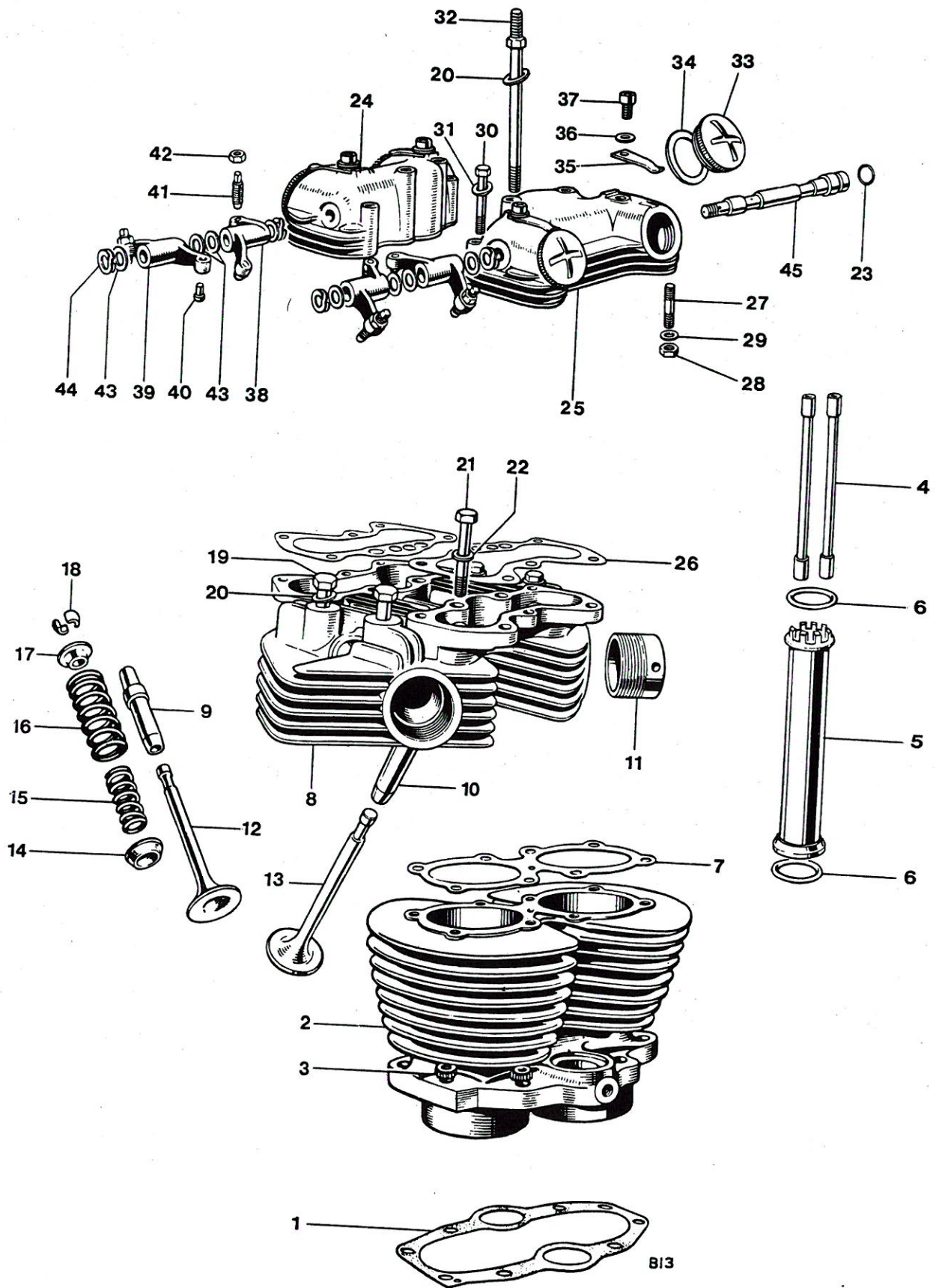
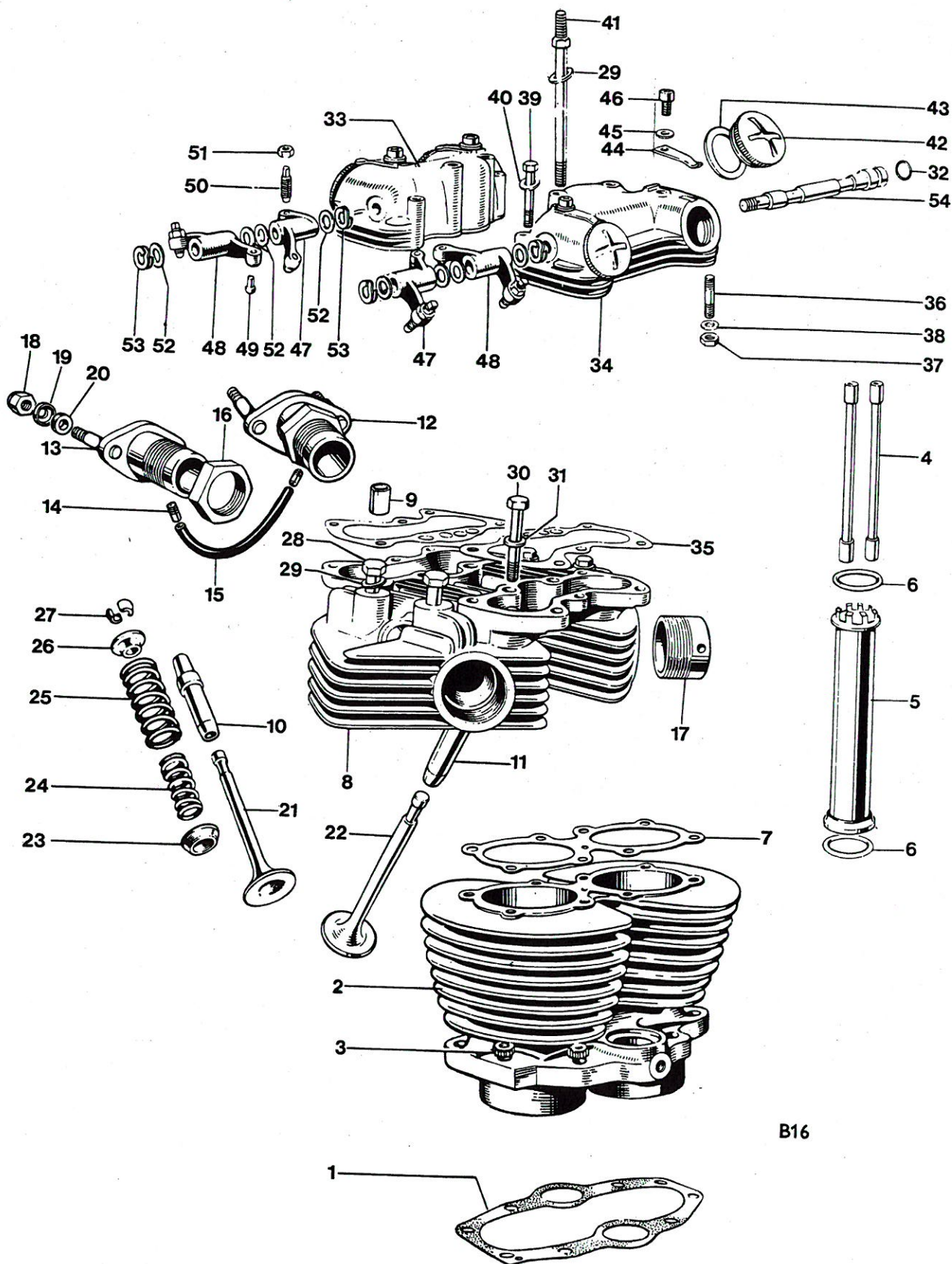


Fig. 4. CYLINDER BLOCK AND HEAD, TR6

## CYLINDER BLOCK AND HEAD, TR6

|    |         |                                                   |     |     |     |     |     |     |   |
|----|---------|---------------------------------------------------|-----|-----|-----|-----|-----|-----|---|
| 1  | E6309   | Cylinder base washer ...                          | ... | ... | ... | ... | ... | ... | 1 |
| 2  | E6304   | Cylinder block ...                                | ... | ... | ... | ... | ... | ... | 1 |
| 3  | S692    | Cylinder base nut ...                             | ... | ... | ... | ... | ... | ... | 8 |
| 4  | E2620   | Push rod ...                                      | ... | ... | ... | ... | ... | ... | 4 |
| 5  | E9349   | Cover tube ...                                    | ... | ... | ... | ... | ... | ... | 2 |
| 6  | E7310   | "O" ring, push rod cover tube (bottom) ...        | ... | ... | ... | ... | ... | ... | 2 |
| 6  | E11283  | "O" ring, push rod cover tube (top) ...           | ... | ... | ... | ... | ... | ... | 2 |
| 7  | E4547   | Cylinder head gasket ...                          | ... | ... | ... | ... | ... | ... | 1 |
| 8  | E9362   | CYLINDER HEAD c/w GUIDES ...                      | ... | ... | ... | ... | ... | ... | 1 |
| 9  | E2899   | Inlet valve guide ...                             | ... | ... | ... | ... | ... | ... | 2 |
| 10 | E2900   | Exhaust valve guide ...                           | ... | ... | ... | ... | ... | ... | 2 |
| 11 | E9516   | Exhaust pipe adaptor ...                          | ... | ... | ... | ... | ... | ... | 2 |
| 12 | E4603   | Inlet valve ...                                   | ... | ... | ... | ... | ... | ... | 2 |
| 13 | E2904   | Exhaust valve ...                                 | ... | ... | ... | ... | ... | ... | 2 |
| 14 | E6439   | Bottom cup ...                                    | ... | ... | ... | ... | ... | ... | 4 |
| 15 | E4221   | Inner valve spring (red spot) ...                 | ... | ... | ... | ... | ... | ... | 4 |
| 16 | E7400   | Outer valve spring (green spot) ...               | ... | ... | ... | ... | ... | ... | 4 |
| 17 | E1543   | Top collar ...                                    | ... | ... | ... | ... | ... | ... | 4 |
| 18 | 99-0063 | Split cotter ...                                  | ... | ... | ... | ... | ... | ... | 8 |
| 19 | E327    | Cylinder head bolt ( $3\frac{3}{8}$ in. U.H.) ... | ... | ... | ... | ... | ... | ... | 4 |
| 20 | F2184   | Plain washer ...                                  | ... | ... | ... | ... | ... | ... | 8 |
| 21 | E4771   | Bolt (3 in. U.H.) ...                             | ... | ... | ... | ... | ... | ... | 1 |
| 22 | S25-3   | Plain washer ...                                  | ... | ... | ... | ... | ... | ... | 1 |
| 23 | E3253   | Sealing ring ...                                  | ... | ... | ... | ... | ... | ... | 2 |
| 24 | E4550   | Inlet rocker box ...                              | ... | ... | ... | ... | ... | ... | 1 |
| 25 | E4551   | Exhaust rocker box ...                            | ... | ... | ... | ... | ... | ... | 1 |
| 26 | E9348   | Joint washer ...                                  | ... | ... | ... | ... | ... | ... | 2 |
| 27 | E2980   | Rocker box stud ( $1\frac{5}{8}$ in. O.A.) ...    | ... | ... | ... | ... | ... | ... | 6 |
| 28 | F879    | Rocker box nut... ...                             | ... | ... | ... | ... | ... | ... | 6 |
| 29 | E3302   | Plain washer ...                                  | ... | ... | ... | ... | ... | ... | 6 |
| 30 | S1875   | Rocker box bolt ( $2\frac{5}{32}$ in. U.H.) ...   | ... | ... | ... | ... | ... | ... | 4 |
| 31 | S25-13  | Plain washer ...                                  | ... | ... | ... | ... | ... | ... | 4 |
| 32 | E1596   | Cylinder head bolt (for torque stay) ...          | ... | ... | ... | ... | ... | ... | 4 |
| 33 | E4610   | Inspection cap ...                                | ... | ... | ... | ... | ... | ... | 4 |
| 34 | E3751   | Joint washer ...                                  | ... | ... | ... | ... | ... | ... | 4 |
| 35 | E4609   | Locking spring ...                                | ... | ... | ... | ... | ... | ... | 4 |
| 36 | WE170   | Fibre washer ...                                  | ... | ... | ... | ... | ... | ... | 4 |
| 37 | T1553   | Screw ( $\frac{3}{8}$ in. U.H.) ...               | ... | ... | ... | ... | ... | ... | 4 |
| 38 | E1457   | ROCKER (right exhaust, left inlet) ...            | ... | ... | ... | ... | ... | ... | 2 |
| 39 | E1458   | ROCKER (left exhaust, right inlet) ...            | ... | ... | ... | ... | ... | ... | 2 |
| 40 | E10070  | Rocker ball pin ...                               | ... | ... | ... | ... | ... | ... | 4 |
| 41 | E1513   | Rocker adjusting pin ...                          | ... | ... | ... | ... | ... | ... | 4 |
| 42 | E470    | Adjuster lock nut ...                             | ... | ... | ... | ... | ... | ... | 4 |
| 43 | E1575   | Thrust washer ...                                 | ... | ... | ... | ... | ... | ... | 8 |
| 44 | E1574   | Spring washer ...                                 | ... | ... | ... | ... | ... | ... | 4 |
| 45 | E1512   | Rocker spindle ...                                | ... | ... | ... | ... | ... | ... | 2 |



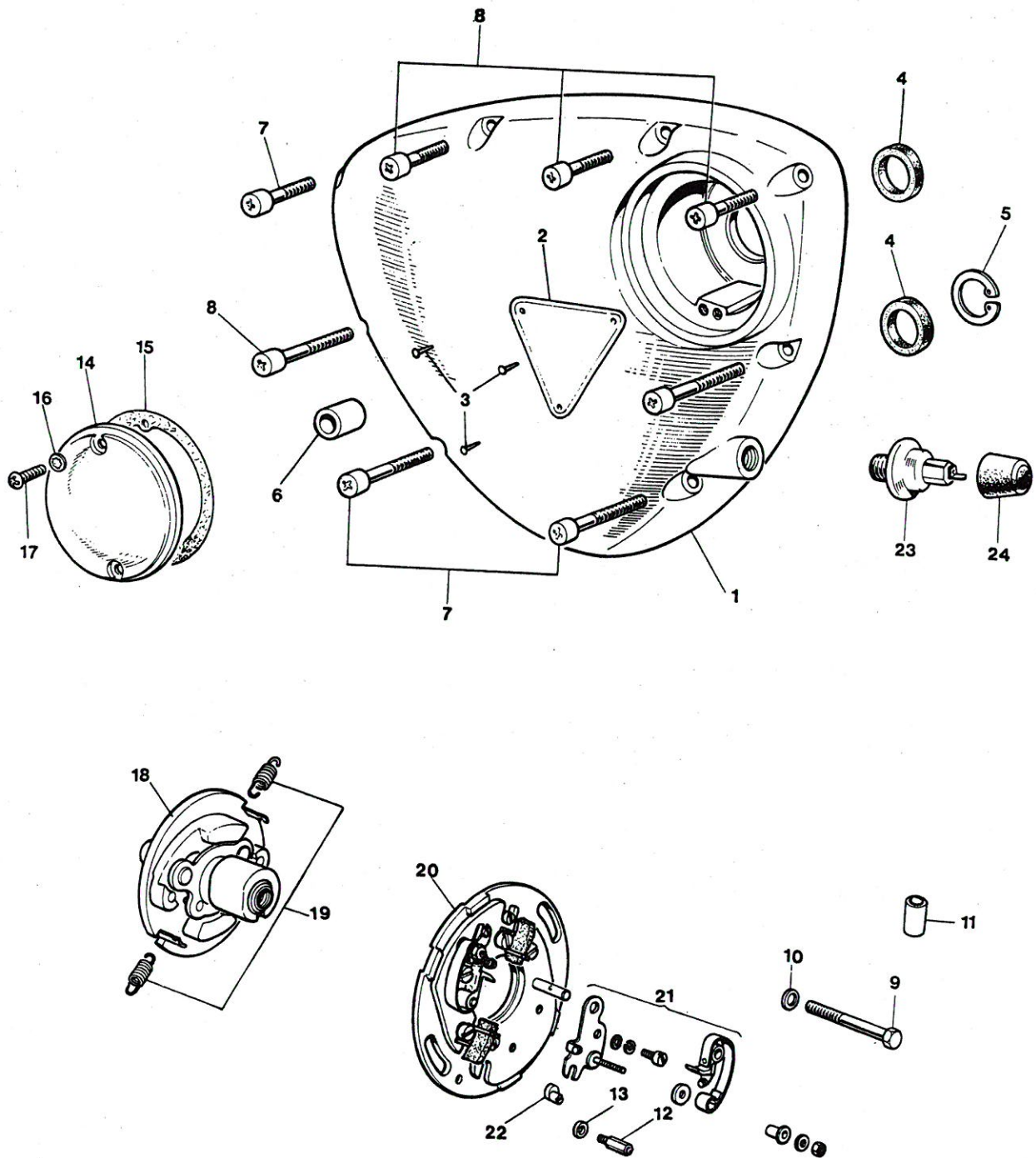


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Fig. 5. CYLINDER BLOCK AND HEAD, T120



| Ref. No.                             | Part No.       | DESCRIPTION                                          | QUANTITY | REMARKS |
|--------------------------------------|----------------|------------------------------------------------------|----------|---------|
| <b>CYLINDER BLOCK AND HEAD, T120</b> |                |                                                      |          |         |
| 1                                    | E6309          | Cylinder base washer ... ..                          | 1        |         |
| 2                                    | E6304          | Cylinder block ... ..                                | 1        |         |
| 3                                    | S692           | Cylinder base nut ... ..                             | 8        |         |
| 4                                    | E2620          | Push rod ... ..                                      | 4        |         |
| 5                                    | E9349          | Cover tube ... ..                                    | 2        |         |
| 6                                    | E7310          | "O" ring, push rod cover tube (bottom) ... ..        | 2        |         |
| 6                                    | E11283         | "O" ring, push rod cover tube (top) ... ..           | 2        |         |
| 7                                    | E4547          | Cylinder head gasket ... ..                          | 1        |         |
| 8                                    | E9418          | CYLINDER HEAD c/w GUIDES ... ..                      | 1        |         |
| 9                                    | Reference only | Sleeve for inlet part ... ..                         | 2        |         |
| 10                                   | E3827          | Inlet valve guide ... ..                             | 2        |         |
| 11                                   | E3828          | Exhaust valve guide ... ..                           | 2        |         |
| 12                                   | E9550          | Carburettor adaptor, left ... ..                     | 1        |         |
| 13                                   | E9551          | Carburettor adaptor, right ... ..                    | 1        |         |
| 14                                   | E9556          | Connector ... ..                                     | 2        |         |
| 15                                   | E4792          | Balance pipe ... ..                                  | 1        |         |
| 16                                   | S1932          | Adaptor locking nut ... ..                           | 2        |         |
| 17                                   | E9516          | Exhaust pipe adaptor ... ..                          | 2        |         |
| 18                                   | 14-1301        | Self locking nut ... ..                              | 4        |         |
| 19                                   | E9555          | Cup ... ..                                           | 4        |         |
| 20                                   | E9554          | Insulating ring ... ..                               | 4        |         |
| 21                                   | E4603          | Inlet valve ... ..                                   | 2        |         |
| 22                                   | E2904          | Exhaust valve ... ..                                 | 2        |         |
| 23                                   | E6439          | Bottom cup ... ..                                    | 4        |         |
| 24                                   | E4221          | Inner valve spring (Red spot)... ..                  | 4        |         |
| 25                                   | E7400          | Outer valve spring (Green spot) ... ..               | 4        |         |
| 26                                   | E1543          | Top collar ... ..                                    | 4        |         |
| 27                                   | 99-0062        | Split cotter ... ..                                  | 8        |         |
| 28                                   | E327           | Cylinder head bolt ( $3\frac{3}{8}$ in. U.H.) ... .. | 4        |         |
| 29                                   | F2184          | Plain washer ... ..                                  | 8        |         |
| 30                                   | E4771          | Bolt (3 in. U.H.) ... ..                             | 1        |         |
| 31                                   | S25-3          | Plain washer ... ..                                  | 1        |         |
| 32                                   | E3253          | Sealing ring ... ..                                  | 1        |         |
| 33                                   | E4550          | Inlet rocker box ... ..                              | 1        |         |
| 34                                   | E4551          | Exhaust rocker box ... ..                            | 1        |         |
| 35                                   | E9348          | Joint washer ... ..                                  | 2        |         |
| 36                                   | E2980          | Rocker box stud ( $\frac{15}{16}$ in. O.A.) ... ..   | 6        |         |
| 37                                   | F879           | Nut ... ..                                           | 6        |         |
| 38                                   | E3302          | Plain washer ... ..                                  | 6        |         |
| 39                                   | S1875          | Rocker box bolt ( $2\frac{5}{32}$ in. U.H.) ... ..   | 4        |         |
| 40                                   | S25-13         | Plain washer ... ..                                  | 4        |         |
| 41                                   | E1596A         | Cylinder head bolt (for torque stay) ... ..          | 4        |         |
| 42                                   | E4610          | Inspection cap ... ..                                | 4        |         |
| 43                                   | E3751          | Joint washer ... ..                                  | 4        |         |
| 44                                   | E4609          | Locking spring ... ..                                | 4        |         |
| 45                                   | WE170          | Fibre washer ... ..                                  | 4        |         |
| 46                                   | T1553          | Screw ( $\frac{3}{8}$ in. U.H.) ... ..               | 4        |         |
| 47                                   | E1457          | ROCKER (right exhaust, left inlet) ... ..            | 2        |         |
| 48                                   | E1458          | ROCKER (left exhaust, right inlet) ... ..            | 2        |         |
| 49                                   | E10070         | Rocker ball pin ... ..                               | 4        |         |
| 50                                   | E1513          | Rocker adjusting pin ... ..                          | 4        |         |
| 51                                   | E470           | Adjuster lock nut ... ..                             | 4        |         |
| 52                                   | E1575          | Thrust washer, $\frac{1}{2}$ in. ... ..              | 8        |         |
| 53                                   | E1574          | Spring washer ... ..                                 | 4        |         |
| 54                                   | E1512          | Rocker spindle ... ..                                | 2        |         |



B25

Fig. 6. TIMING COVER AND CONTACT BREAKER

## TIMING COVER AND CONTACT BREAKER

|    |         |                                                  |   |                         |
|----|---------|--------------------------------------------------|---|-------------------------|
| 1  | E9246   | Timing cover ... ..                              | 1 |                         |
| 2  | E4016   | Patent plate ... ..                              | 1 |                         |
| 3  | D208-5  | Hammer-drive screw ... ..                        | 3 |                         |
| 4  | E4568   | Oil seal ... ..                                  | 2 |                         |
| 4  | E6387   | Oil seal (0.020 in. undersize) ... ..            | 1 | For reground crankshaft |
| 5  | E4569   | Circlip ... ..                                   | 1 |                         |
| 6  | T989    | Hollow dowel ... ..                              | 1 |                         |
| 7  | 14-6609 | Screw (1 $\frac{1}{4}$ in. U.H.) ... ..          | 3 |                         |
| 8  | 14-6608 | Screw (1 in. U.H.) ... ..                        | 5 |                         |
| 9  | E8828   | Bolt (2 $\frac{1}{8}$ in. U.H.) ... ..           | 1 |                         |
| 10 | S25-43  | Plain washer ... ..                              | 1 |                         |
| 11 | E4707   | Rubber grommet ... ..                            | 1 |                         |
| 12 | E7680   | Pillar bolt ... ..                               | 2 |                         |
| 13 | E6559   | Plain washer ... ..                              | 2 |                         |
| 14 | E8737   | Cover ... ..                                     | 1 |                         |
| 15 | E5049   | Joint washer ... ..                              | 1 |                         |
| 16 | GS299   | Serrated washer ... ..                           | 2 |                         |
| 17 | E7354   | Screw ( $\frac{1}{2}$ in. U.H.) ... ..           | 2 |                         |
| 18 | 99-0771 | AUTO ADVANCE UNIT (54419340) ... ..              | 1 |                         |
| 19 | 99-0757 | Spring set (54415642) ... ..                     | 1 |                         |
| 20 | 99-0768 | CONTACT BREAKER PLATE ASSEMBLY (54419097) ... .. | 1 |                         |
| 21 | 99-0772 | Contact set (54419827) ... ..                    | 2 |                         |
| 22 | 99-0769 | Pin, adjustment (54419220) ... ..                | 2 |                         |
| 23 | D2133   | Oil pressure switch ... ..                       | 1 |                         |
| 24 | D2045   | Cover pressure switch ... ..                     | 1 |                         |
| —  | D2138   | Timing label for C.B. cover ... ..               | 1 | Not illustrated         |



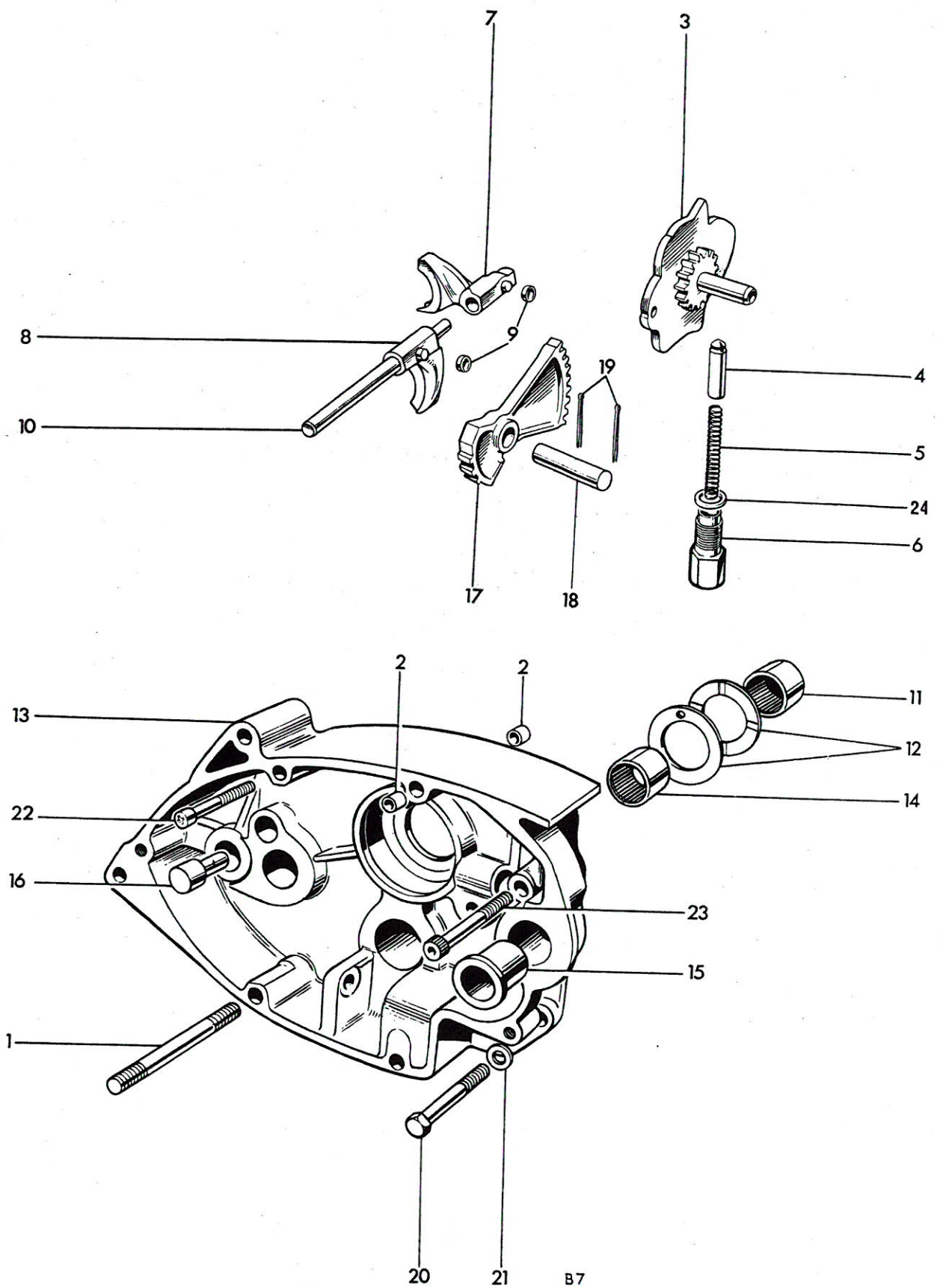


Fig. 7. GEARBOX INNER COVER AND SELECTORS

## GEARBOX INNER COVER AND SELECTORS

|    |         |                                                      |     |     |     |     |     |     |                |  |
|----|---------|------------------------------------------------------|-----|-----|-----|-----|-----|-----|----------------|--|
| 1  | 14-1427 | Stud (3 in. O.A.)                                    | ... | ... | ... | ... | ... | ... | 2              |  |
| 2  | T989    | Hollow dowel                                         | ... | ... | ... | ... | ... | ... | 4              |  |
| 3  | T4055   | Gear selector camplate                               | ... | ... | ... | ... | ... | ... | 1              |  |
| 4  | T3660   | Camplate index plunger                               | ... | ... | ... | ... | ... | ... | 1              |  |
| 5  | T4059   | Index plunger spring                                 | ... | ... | ... | ... | ... | ... | 1              |  |
| 5  | T1604   | Index plunger spring (heavy duty)                    | ... | ... | ... | ... | ... | ... | as required    |  |
| 6  | T2172   | Index plunger holder                                 | ... | ... | ... | ... | ... | ... | 1              |  |
| 7  | T2596   | Mainshaft selector fork                              | ... | ... | ... | ... | ... | ... | 1              |  |
| 8  | T913    | Layshaft selector fork                               | ... | ... | ... | ... | ... | ... | 1              |  |
| 9  | NT261   | Selector fork roller                                 | ... | ... | ... | ... | ... | ... | 2              |  |
| 10 | T3989   | Selector fork rod                                    | ... | ... | ... | ... | ... | ... | 1              |  |
| 11 | T1606   | Layshaft bearing                                     | ... | ... | ... | ... | ... | ... | 1              |  |
| 12 | T1607   | Thrust washer                                        | ... | ... | ... | ... | ... | ... | 2              |  |
| 13 | T3766   | GEARBOX INNER COVER                                  | ... | ... | ... | ... | ... | ... | 1              |  |
| 14 | T1614   | Layshaft bearing                                     | ... | ... | ... | ... | ... | ... | 1              |  |
| 15 | T412    | Gearchange spindle bush...                           | ... | ... | ... | ... | ... | ... | 1              |  |
| 16 | T45     | Kickstarter stop                                     | ... | ... | ... | ... | ... | ... | 1              |  |
| 17 | T397    | Camplate operating quadrant...                       | ... | ... | ... | ... | ... | ... | 1              |  |
| 18 | T1896   | Quadrant spindle                                     | ... | ... | ... | ... | ... | ... | 1              |  |
| 19 | —       | Split pin ( $\frac{5}{64}$ in. x $1\frac{3}{8}$ in.) | ... | ... | ... | ... | ... | ... | Reference only |  |
| 20 | S1907   | Bolt ( $1\frac{1}{8}$ in. U.H.)                      | ... | ... | ... | ... | ... | ... | 1              |  |
| 21 | E3446   | Plain washer                                         | ... | ... | ... | ... | ... | ... | 1              |  |
| 22 | 14-5608 | Screw (1 in. U.H.)                                   | ... | ... | ... | ... | ... | ... | 1              |  |
| 23 | 14-7023 | Socket screw ( $1\frac{3}{4}$ in. U.H.)              | ... | ... | ... | ... | ... | ... | 1              |  |
| 24 | T3978   | Washer                                               | ... | ... | ... | ... | ... | ... | 1              |  |

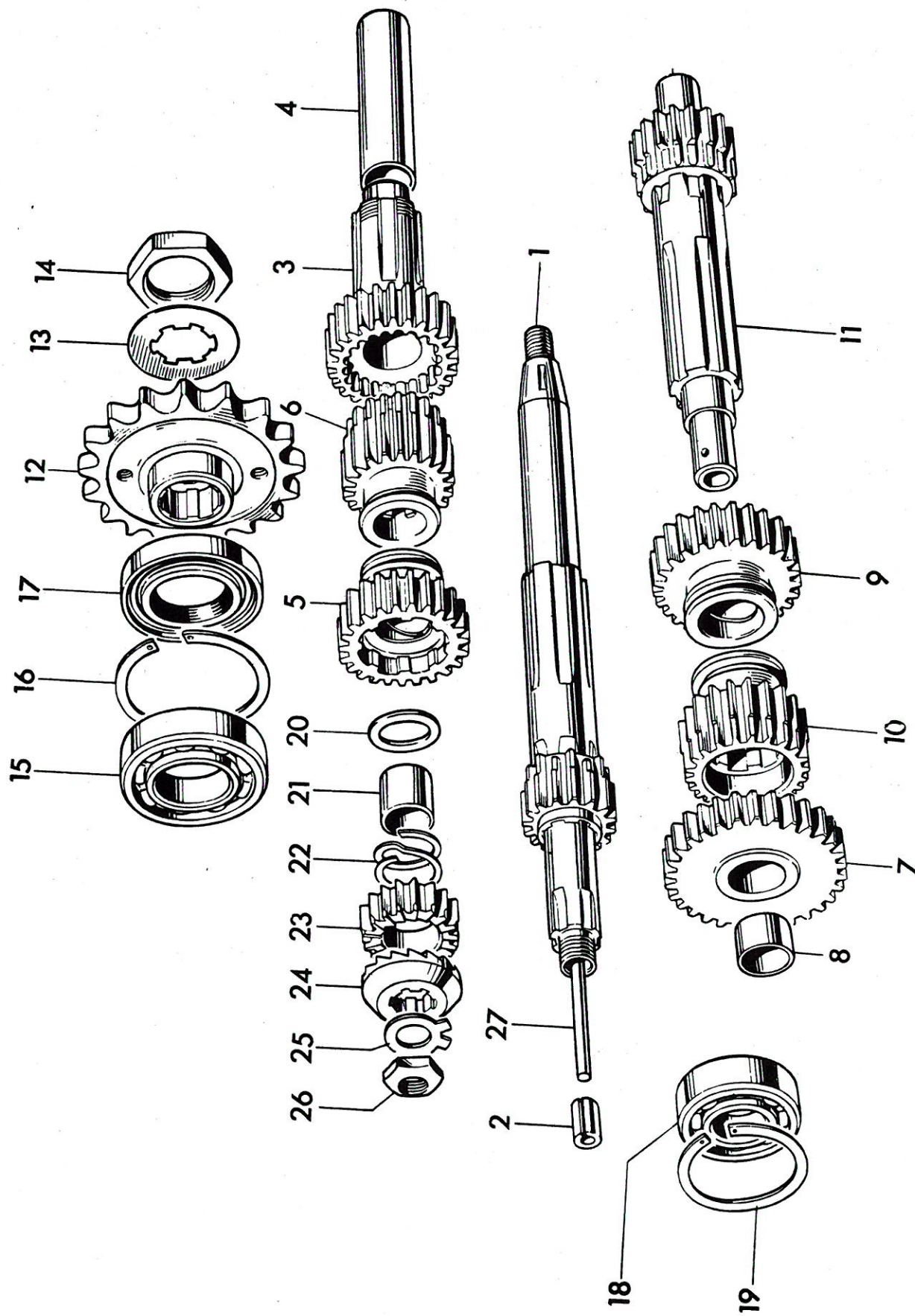


Fig. 8. GEARBOX SHAFTS AND GEARS



## GEARBOX SHAFTS AND GEARS

|    |       |                              |     |     |     |     |   |
|----|-------|------------------------------|-----|-----|-----|-----|---|
| 1  | T3893 | MAINSHAFT c/w LOW GEAR (16T) | ... | ... | ... | ... | 1 |
| 2  | T3988 | Clutch rod bush ...          | ... | ... | ... | ... | 1 |
| 3  | T3891 | MAINSHAFT HIGH GEAR (26T)    | ... | ... | ... | ... | 1 |
| 4  | T1370 | High gear bush ...           | ... | ... | ... | ... | 1 |
| 5  | T3889 | Mainshaft third gear (23T)   | ... | ... | ... | ... | 1 |
| 6  | T3857 | Mainshaft second gear (20T)  | ... | ... | ... | ... | 1 |
| 7  | T3862 | LAYSHAFT LOW GEAR (30T)      | ... | ... | ... | ... | 1 |
| 8  | T928  | Low gear bush ...            | ... | ... | ... | ... | 1 |
| 9  | T3861 | Layshaft second gear (26T)   | ... | ... | ... | ... | 1 |
| 10 | T3890 | Layshaft third gear (22T)    | ... | ... | ... | ... | 1 |
| 11 | T3864 | Layshaft c/w high gear (20T) | ... | ... | ... | ... | 1 |
| 12 | T1952 | Gearbox sprocket (15 teeth)  | ... | ... | ... | ... | 1 |
| 12 | T1953 | Gearbox sprocket (16 teeth)  | ... | ... | ... | ... | 1 |
| 12 | T1916 | Gearbox sprocket (17 teeth)  | ... | ... | ... | ... | 1 |
| 12 | T1917 | Gearbox sprocket (18 teeth)  | ... | ... | ... | ... | 1 |
| 12 | T1918 | Gearbox sprocket (19 teeth)  | ... | ... | ... | ... | 1 |
| 12 | T1919 | Gearbox sprocket (20 teeth)  | ... | ... | ... | ... | 1 |
| 13 | T2116 | Tab washer ...               | ... | ... | ... | ... | 1 |
| 14 | T440  | Gearbox sprocket nut         | ... | ... | ... | ... | 1 |
| 15 | T448  | High gear bearing            | ... | ... | ... | ... | 1 |
| 16 | T489  | Circlip ...                  | ... | ... | ... | ... | 1 |
| 17 | T946  | Oil seal ...                 | ... | ... | ... | ... | 1 |
| 18 | S35-7 | Mainshaft bearing            | ... | ... | ... | ... | 1 |
| 19 | T280  | Circlip ...                  | ... | ... | ... | ... | 1 |
| 20 | T1962 | Plain washer                 | ... | ... | ... | ... | 1 |
| 21 | T1963 | Pinion sleeve                | ... | ... | ... | ... | 1 |
| 22 | T1250 | Pinion spring                | ... | ... | ... | ... | 1 |
| 23 | T730  | Kickstarter pinion           | ... | ... | ... | ... | 1 |
| 24 | T731  | Kickstarter ratchet          | ... | ... | ... | ... | 1 |
| 25 | T2240 | Tab washer                   | ... | ... | ... | ... | 1 |
| 26 | S594  | Nut ...                      | ... | ... | ... | ... | 1 |
| 27 | T1736 | Clutch operating rod         | ... | ... | ... | ... | 1 |

} See pages 4 to  
5 for standard  
sizes

## WIDE RATIO GEARS

|    |       |                              |     |     |     |     |   |
|----|-------|------------------------------|-----|-----|-----|-----|---|
| 3  | T2530 | MAINSHAFT HIGH GEAR (28T)    | ... | ... | ... | ... | 1 |
| 6  | T968  | Mainshaft second gear (19T)  | ... | ... | ... | ... | 1 |
| 9  | T974  | Layshaft second gear (27T)   | ... | ... | ... | ... | 1 |
| 11 | T1844 | Layshaft c/w high gear (18T) | ... | ... | ... | ... | 1 |

## CLOSE RATIO GEARS

|    |       |                              |     |     |     |     |   |
|----|-------|------------------------------|-----|-----|-----|-----|---|
| 1  | T2438 | MAINSHAFT c/w LOW GEAR (18T) | ... | ... | ... | ... | 1 |
| 3  | T1910 | MAINSHAFT HIGH GEAR (24T)    | ... | ... | ... | ... | 1 |
| 5  | T1179 | Mainshaft third gear (23T)   | ... | ... | ... | ... | 1 |
| 6  | T955  | Mainshaft second gear (21T)  | ... | ... | ... | ... | 1 |
| 7  | T961  | LAYSHAFT LOW GEAR (28T)      | ... | ... | ... | ... | 1 |
| 9  | T963  | Layshaft second gear (25T)   | ... | ... | ... | ... | 1 |
| 10 | T964  | Layshaft third gear (23T)    | ... | ... | ... | ... | 1 |
| 11 | T1845 | Layshaft c/w high gear (22T) | ... | ... | ... | ... | 1 |

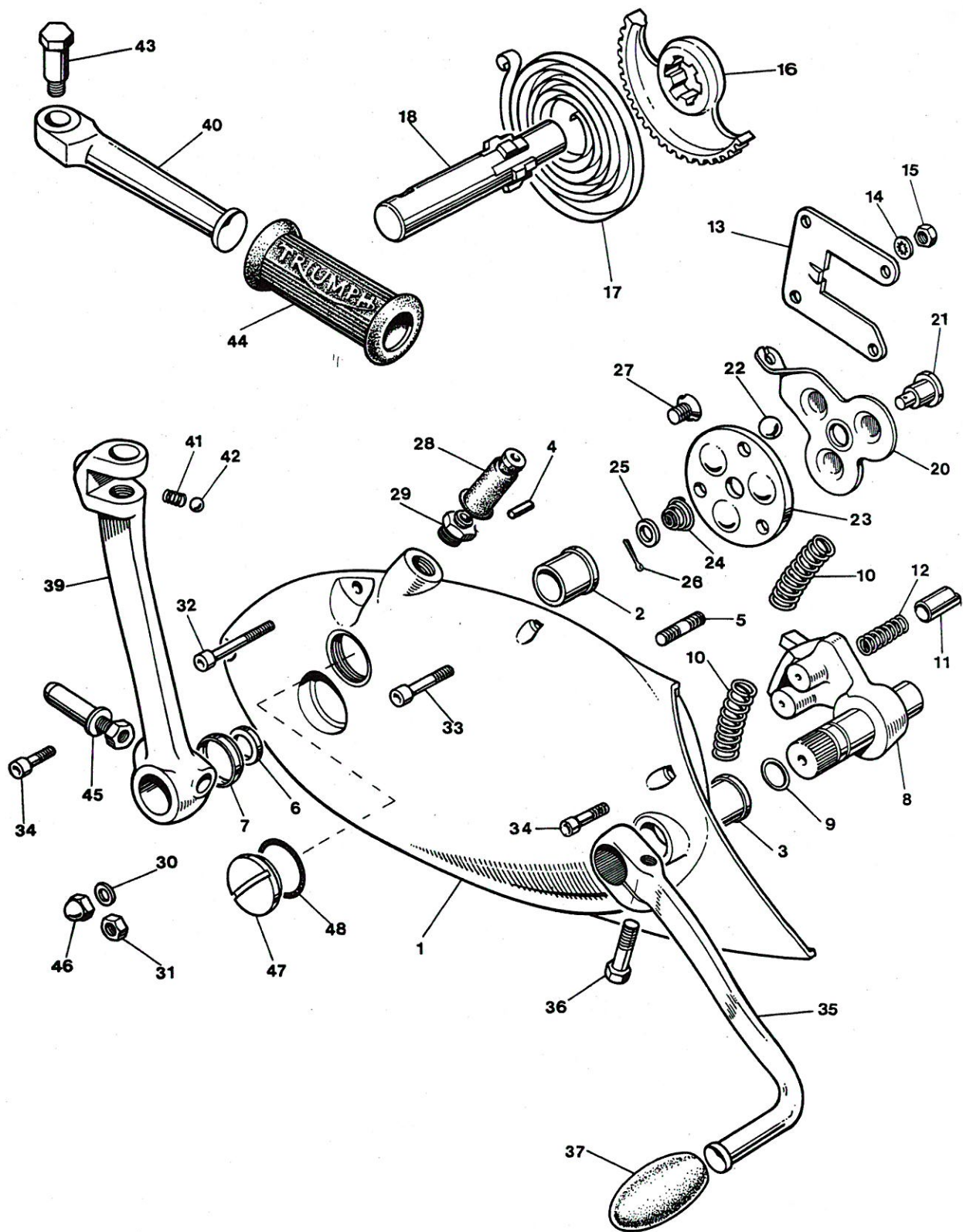


Fig. 9. GEARBOX OUTER COVER

## GEARBOX OUTER COVER

|    |         |                                                     |     |     |     |     |     |     |                |
|----|---------|-----------------------------------------------------|-----|-----|-----|-----|-----|-----|----------------|
| 1  | T3760   | GEARBOX OUTER COVER                                 | ... | ... | ... | ... | ... | 1   |                |
| 2  | T23     | Kickstarter spindle bush ...                        | ... | ... | ... | ... | ... | 1   |                |
| 3  | T57     | Gearchange spindle bush                             | ... | ... | ... | ... | ... | 1   |                |
| 4  | T47     | Kickstarter spring anchor pin                       | ... | ... | ... | ... | ... | 1   |                |
| 5  | S547    | Guide plate stud ( $\frac{7}{8}$ in. O.A.)          | ... | ... | ... | ... | ... | 4   |                |
| 6  | T1956   | Oil seal ...                                        | ... | ... | ... | ... | ... | 1   |                |
| 7  | T1955   | Oil seal housing ...                                | ... | ... | ... | ... | ... | 1   |                |
| 8  | T408/9  | Gearchange quadrant ...                             | ... | ... | ... | ... | ... | 1   |                |
| 9  | E3309   | Rubber "O" ring                                     | ... | ... | ... | ... | ... | 1   |                |
| 10 | T404    | Quadrant return spring                              | ... | ... | ... | ... | ... | 2   |                |
| 11 | T406    | Gearchange quadrant plunger                         | ... | ... | ... | ... | ... | 2   |                |
| 12 | T405    | Plunger spring ...                                  | ... | ... | ... | ... | ... | 2   |                |
| 13 | T407    | Guide plate ...                                     | ... | ... | ... | ... | ... | 1   |                |
| 14 | E1612   | Serrated washer                                     | ... | ... | ... | ... | ... | 4   |                |
| 15 | 14-0301 | Nut ...                                             | ... | ... | ... | ... | ... | 4   |                |
| 16 | T25A    | Kickstarter quadrant ...                            | ... | ... | ... | ... | ... | 1   |                |
| 17 | T31     | Kickstarter return spring                           | ... | ... | ... | ... | ... | 1   |                |
| 18 | T24A    | Kickstarter axle ...                                | ... | ... | ... | ... | ... | 1   |                |
| 19 | T3629   | CLUTCH LEVER ASSEMBLY                               | ... | ... | ... | ... | ... | 1   |                |
| 20 | T2191   | Clutch lever                                        | ... | ... | ... | ... | ... | 1   |                |
| 21 | T1710   | Lever shaft                                         | ... | ... | ... | ... | ... | 1   |                |
| 22 | T1771   | Ball, $\frac{3}{8}$ in. diam.                       | ... | ... | ... | ... | ... | 3   |                |
| 23 | T3761   | Thrust plate                                        | ... | ... | ... | ... | ... | 1   |                |
| 24 | T1712   | Return spring                                       | ... | ... | ... | ... | ... | 1   |                |
| 25 | GS127   | Plain washer                                        | ... | ... | ... | ... | ... | 1   |                |
| 26 | —       | Split pin ( $\frac{5}{64}$ in. x $\frac{1}{2}$ in.) | ... | ... | ... | ... | ... | ... | Reference only |
| 27 | S1879   | Countersunk screw ( $\frac{13}{32}$ in. O.A.)       | ... | ... | ... | ... | ... | 2   |                |
| 28 | T1646   | Rubber cover ...                                    | ... | ... | ... | ... | ... | 1   |                |
| 29 | T3762   | Abutment for clutch cable                           | ... | ... | ... | ... | ... | 1   |                |
| 30 | S25-3   | Plain washer                                        | ... | ... | ... | ... | ... | 2   |                |
| 31 | 14-0302 | Nut ...                                             | ... | ... | ... | ... | ... | 1   |                |
| 32 | S1878   | Screw ( $2\frac{3}{4}$ in. U.H.)                    | ... | ... | ... | ... | ... | 2   |                |
| 33 | 14-6609 | Screw ( $1\frac{5}{16}$ in. U.H.)                   | ... | ... | ... | ... | ... | 2   |                |
| 34 | 14-6608 | Screw (1 in. U.H.)                                  | ... | ... | ... | ... | ... | 1   |                |
| 35 | T3757   | Gearchange pedal                                    | ... | ... | ... | ... | ... | 1   |                |
| 36 | 14-0201 | Bolt (1 in. U.H.)                                   | ... | ... | ... | ... | ... | 1   |                |
| 37 | T2450   | Pedal rubber ...                                    | ... | ... | ... | ... | ... | 1   |                |
| 38 | T3632   | FOLDING KICKSTARTER                                 | ... | ... | ... | ... | ... | 1   |                |
| 39 | T2173   | Kickstarter lever ...                               | ... | ... | ... | ... | ... | 1   |                |
| 40 | T1272   | Kickstarter pedal ...                               | ... | ... | ... | ... | ... | 1   |                |
| 41 | T1167   | Pedal locating spring                               | ... | ... | ... | ... | ... | 1   |                |
| 42 | S70-3   | Steel ball, $\frac{1}{4}$ in. diam.                 | ... | ... | ... | ... | ... | 1   |                |
| 43 | S541    | Pedal bolt                                          | ... | ... | ... | ... | ... | 1   |                |
| 44 | T2330   | Pedal rubber ...                                    | ... | ... | ... | ... | ... | 1   |                |
| 45 | T1222   | Cotter pin c/w nut and washer                       | ... | ... | ... | ... | ... | 1   |                |
| 46 | S544    | Domed nut                                           | ... | ... | ... | ... | ... | 1   |                |
| 47 | T2166   | Filler plug                                         | ... | ... | ... | ... | ... | 1   |                |
| 48 | E8782   | "O" ring                                            | ... | ... | ... | ... | ... | 1   |                |



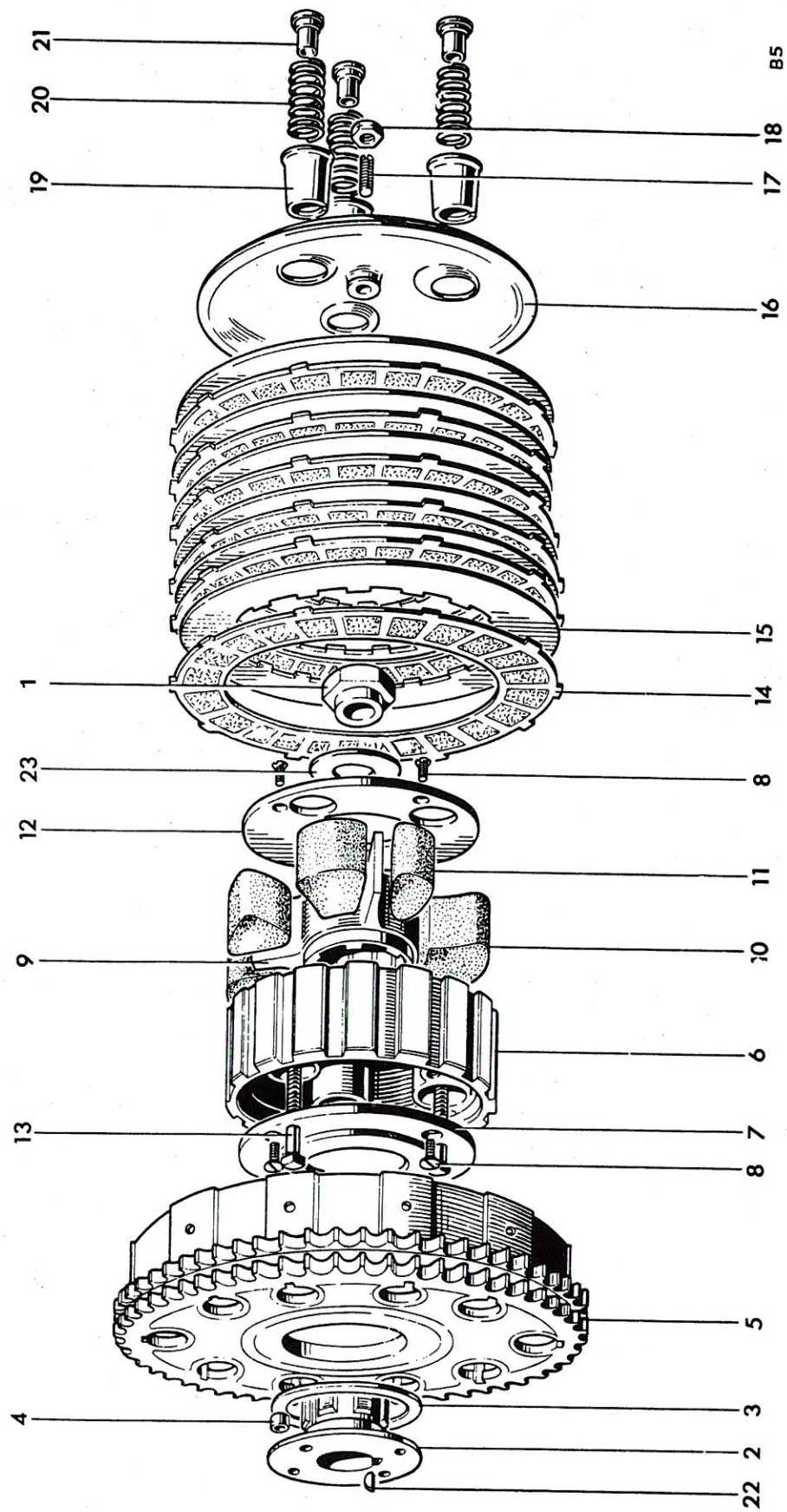


Fig. 10. CLUTCH

Ref. No. Part No.

DESCRIPTION

QUANTITY REMARKS

## CLUTCH

|    |         |                                                |     |     |     |     |     |     |     |    |  |
|----|---------|------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|----|--|
| 1  | S586    | Clutch securing nut                            | ... | ... | ... | ... | ... | ... | ... | 1  |  |
| 2  | T3929   | Hub                                            | ... | ... | ... | ... | ... | ... | ... | 1  |  |
| 3  | T3931   | Thrust washer                                  | ... | ... | ... | ... | ... | ... | ... | 1  |  |
| 4  | T394    | Roller                                         | ... | ... | ... | ... | ... | ... | ... | 1  |  |
| 5  | T1570   | Sprocket and housing (58 teeth Duplex)         | ... | ... | ... | ... | ... | ... | ... | 20 |  |
| 6  | T1719   | Centre                                         | ... | ... | ... | ... | ... | ... | ... | 1  |  |
| 7  | T1720   | Inner plate                                    | ... | ... | ... | ... | ... | ... | ... | 1  |  |
| 8  | T1040   | Countersunk screw ( $0\frac{13}{32}$ in. U.H.) | ... | ... | ... | ... | ... | ... | ... | 1  |  |
| 9  | T2538   | Shock absorber spider                          | ... | ... | ... | ... | ... | ... | ... | 6  |  |
| 10 | T1722   | Drive rubber (large)                           | ... | ... | ... | ... | ... | ... | ... | 1  |  |
| 11 | T1723   | Rebound rubber (small)                         | ... | ... | ... | ... | ... | ... | ... | 3  |  |
| 12 | T1724   | Outer plate                                    | ... | ... | ... | ... | ... | ... | ... | 3  |  |
| 13 | T423A   | Screwed pin ( $1\frac{27}{32}$ in. U.H.)       | ... | ... | ... | ... | ... | ... | ... | 1  |  |
| 14 | T1362   | Driving plate (bonded)                         | ... | ... | ... | ... | ... | ... | ... | 3  |  |
| 15 | T1363   | Driven plate                                   | ... | ... | ... | ... | ... | ... | ... | 6  |  |
| 16 | T2156   | Pressure plate                                 | ... | ... | ... | ... | ... | ... | ... | 6  |  |
| 17 | T2159   | Adjuster pin                                   | ... | ... | ... | ... | ... | ... | ... | 1  |  |
| 18 | 14-0403 | Nut                                            | ... | ... | ... | ... | ... | ... | ... | 1  |  |
| 19 | T1931   | Spring cup                                     | ... | ... | ... | ... | ... | ... | ... | 1  |  |
| 20 | T1830   | Spring                                         | ... | ... | ... | ... | ... | ... | ... | 3  |  |
| 21 | T2526   | Pressure nut                                   | ... | ... | ... | ... | ... | ... | ... | 3  |  |
| 22 | S66-1   | Key                                            | ... | ... | ... | ... | ... | ... | ... | 3  |  |
| 23 | T2279   | Cupped washer                                  | ... | ... | ... | ... | ... | ... | ... | 1  |  |



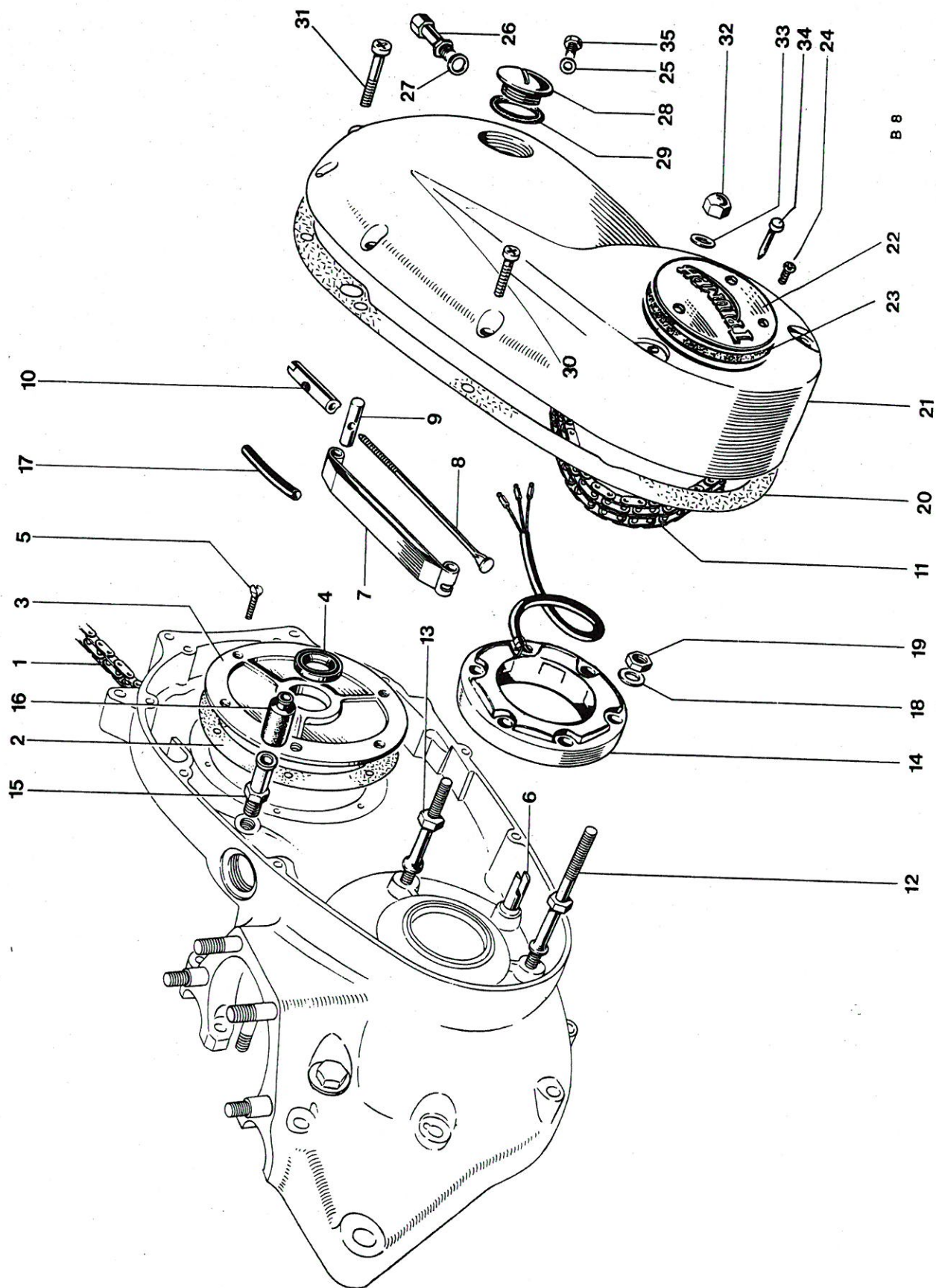


Fig. 11. CHAINCASE AND CHAINS



## CHAINCASE AND CHAINS

|    |         |                                                                   |     |     |     |     |     |   |
|----|---------|-------------------------------------------------------------------|-----|-----|-----|-----|-----|---|
| 1  | D530    | Rear chain, $\frac{5}{8}$ in. x $\frac{3}{8}$ in. x 104 links ... | ... | ... | ... | ... | ... | 1 |
| 2  | E3832   | Joint washer ...                                                  | ... | ... | ... | ... | ... | 1 |
| 3  | E7037   | Cover plate ...                                                   | ... | ... | ... | ... | ... | 1 |
| 4  | E7565   | Oil seal ...                                                      | ... | ... | ... | ... | ... | 1 |
| 5  | E3821   | Countersunk screw ( $\frac{5}{16}$ in. U.H.) ...                  | ... | ... | ... | ... | ... | 6 |
| 6  | E5976   | Chain tensioner abutment ...                                      | ... | ... | ... | ... | ... | 1 |
| 7  | E6061   | Chain tensioner blade...                                          | ... | ... | ... | ... | ... | 1 |
| 8  | E4152   | Tie rod ...                                                       | ... | ... | ... | ... | ... | 1 |
| 9  | E5977   | Trunnion ...                                                      | ... | ... | ... | ... | ... | 1 |
| 10 | E9703   | Adjuster sleeve nut ...                                           | ... | ... | ... | ... | ... | 1 |
| 11 | D477    | Primary chain, $\frac{3}{8}$ in. Duplex x 84 links                | ... | ... | ... | ... | ... | 1 |
| 12 | S1866   | Stator stud ...                                                   | ... | ... | ... | ... | ... | 2 |
| 13 | S1867   | Stator stud ...                                                   | ... | ... | ... | ... | ... | 1 |
| 14 | 99-1006 | Stator, RM21 (47205) ...                                          | ... | ... | ... | ... | ... | 1 |
| 15 | E9360   | Sleeve nut ...                                                    | ... | ... | ... | ... | ... | 1 |
| 16 | E4144   | Rubber grommet ...                                                | ... | ... | ... | ... | ... | 1 |
| 17 | E5449   | Plastic sleeve ...                                                | ... | ... | ... | ... | ... | 1 |
| 18 | S25-3   | Plain washer ...                                                  | ... | ... | ... | ... | ... | 3 |
| 19 | 14-0702 | Self-locking nut ...                                              | ... | ... | ... | ... | ... | 3 |
| 20 | T1770   | Joint washer ...                                                  | ... | ... | ... | ... | ... | 1 |
| 21 | E9245   | Chaincase ...                                                     | ... | ... | ... | ... | ... | 1 |
| 22 | T2440   | Rotor cover ...                                                   | ... | ... | ... | ... | ... | 1 |
| 23 | T2442   | Joint washer ...                                                  | ... | ... | ... | ... | ... | 1 |
| 24 | F4129   | Screw ...                                                         | ... | ... | ... | ... | ... | 3 |
| 25 | E2441   | Copper washer ...                                                 | ... | ... | ... | ... | ... | 1 |
| 26 | T2259   | Drain and adjuster plug ...                                       | ... | ... | ... | ... | ... | 1 |
| 27 | T1738   | Fibre washer ...                                                  | ... | ... | ... | ... | ... | 1 |
| 28 | T2166   | Filler plug ...                                                   | ... | ... | ... | ... | ... | 1 |
| 29 | E8782   | "O" ring ...                                                      | ... | ... | ... | ... | ... | 1 |
| 30 | 14-6608 | Screw (1 in. U.H.) ...                                            | ... | ... | ... | ... | ... | 6 |
| 31 | 14-6620 | Screw ( $\frac{29}{32}$ in. U.H.) ...                             | ... | ... | ... | ... | ... | 2 |
| 32 | S544    | Domed nut ...                                                     | ... | ... | ... | ... | ... | 2 |
| 33 | F1880   | Copper washer ...                                                 | ... | ... | ... | ... | ... | 2 |
| 34 | T2443   | Timing pointer ...                                                | ... | ... | ... | ... | ... | 1 |
| 35 | 14-6101 | Level plug ...                                                    | ... | ... | ... | ... | ... | 1 |



| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|----------|-------------|----------|---------|
|----------|----------|-------------|----------|---------|

### FRAME

|    |         |                                           |    |  |
|----|---------|-------------------------------------------|----|--|
| 1  | F11354  | Front frame ...                           | 1  |  |
| 2  | H111    | Steering race cup ...                     | 2  |  |
| 3  | S70-3   | Steel ball ( $\frac{1}{4}$ in. diam.) ... | 40 |  |
| 4  | H1018   | Top cone and dust cover ...               | 1  |  |
| 5  | F11267  | Centre stand ...                          | 1  |  |
| 6  | T2331   | Pedal rubber ...                          | 1  |  |
| 7  | S1978   | Pivot bolt ...                            | 2  |  |
| 8  | F11270  | Tab washer ...                            | 2  |  |
| 9  | 14-0404 | Nut ...                                   | 1  |  |
| 10 | F4671   | Return spring ...                         | 1  |  |
| 11 | F11560  | Prop stand ...                            | 1  |  |
| 12 | 14-0216 | Bolt ( $1\frac{1}{8}$ in. U.H.) ...       | 1  |  |
| 13 | 14-0402 | Nut ...                                   | 1  |  |
| 14 | F7021   | Pivot bolt ...                            | 1  |  |
| 15 | 14-0703 | Self locking nut ...                      | 1  |  |
| 16 | F8382   | Return spring ...                         | 1  |  |
| 17 | F8036   | Rear frame ...                            | 1  |  |
| 18 | S1801   | Stud ( $3\frac{7}{8}$ in. O.A.) ...       | 1  |  |
| 19 | S25-2   | Plain washer ...                          | 2  |  |
| 20 | 14-1303 | Self locking nut ...                      | 2  |  |
| 21 | 14-0251 | Bolt ( $2\frac{1}{16}$ in. U.H.) ...      | 2  |  |
| 22 | F4370   | Plain washer ...                          | 2  |  |
| 23 | 14-1304 | Nut ...                                   | 2  |  |
| 24 | 99-0046 | Spring washer ...                         | 2  |  |
| 25 | S588    | Bolt ( $1\frac{3}{16}$ in. U.H.) ...      | 2  |  |
| 26 | F7155   | Steering stop ...                         | 2  |  |
| 27 | F11356  | Front engine plate ...                    | 2  |  |
| 28 | 14-0252 | Bolt (3 in. U.H.) ...                     | 2  |  |
| 29 | 14-1204 | Nut ...                                   | 2  |  |
| 30 | S25-1   | Washer ...                                | 2  |  |



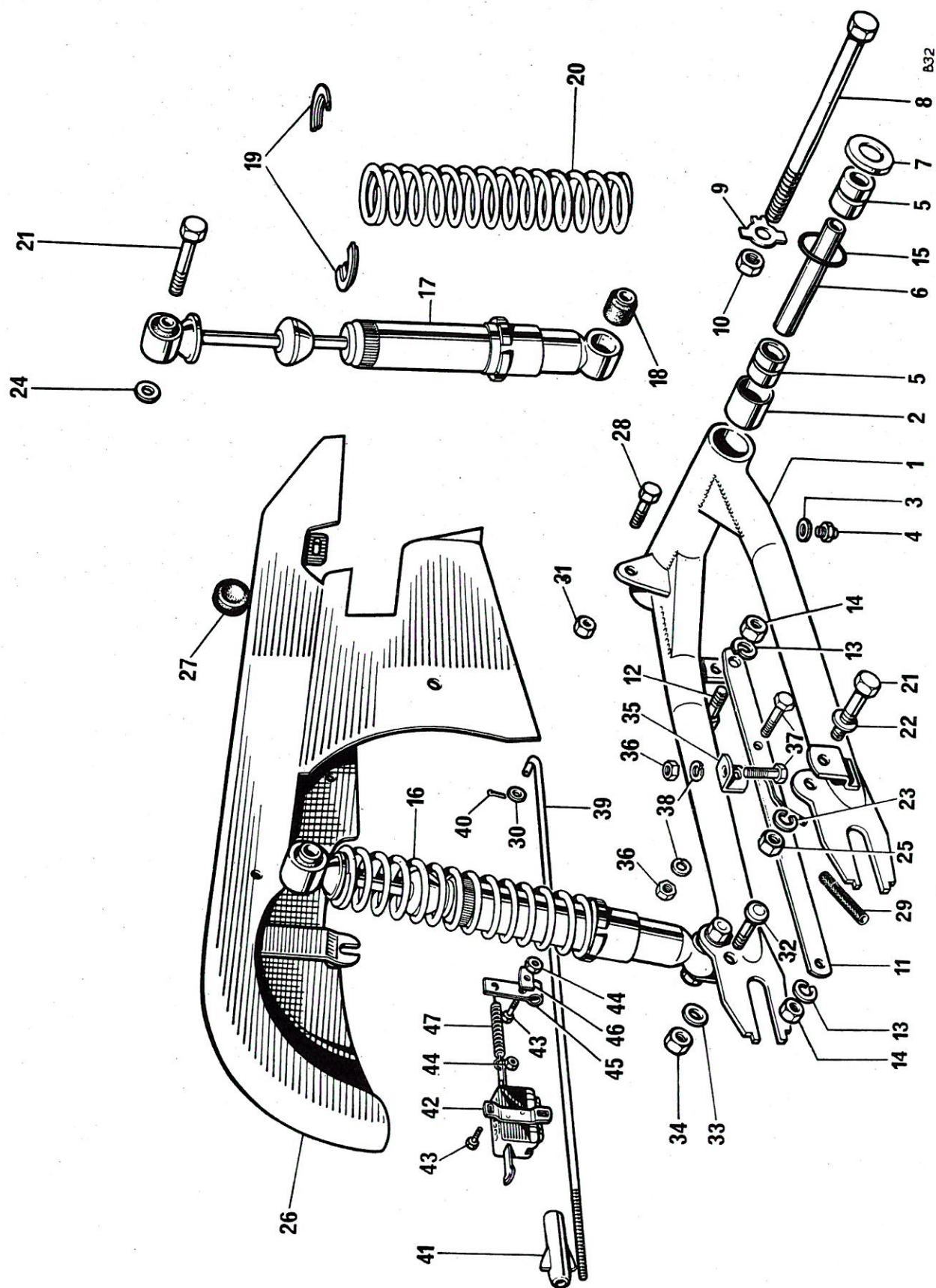


Fig. 13. SWINGING FORK AND SUSPENSION UNITS

## SWINGING FORK AND SUSPENSION UNITS

|    |                |                                                     |     |     |     |     |     |     |   |                |
|----|----------------|-----------------------------------------------------|-----|-----|-----|-----|-----|-----|---|----------------|
| 1  | F10045         | SWINGING FORK                                       | ... | ... | ... | ... | ... | ... | 1 |                |
| 2  | F6042          | Pivot bush                                          | ... | ... | ... | ... | ... | ... | 2 |                |
| 3  | D1841          | Fibre washer                                        | ... | ... | ... | ... | ... | ... | 1 |                |
| 4  | WE170          | Grease nipple                                       | ... | ... | ... | ... | ... | ... | 1 |                |
| 5  | F6821          | Sleeve                                              | ... | ... | ... | ... | ... | ... | 2 |                |
| 6  | F5313          | Distance tube                                       | ... | ... | ... | ... | ... | ... | 1 |                |
| 7  | F7848          | Flanged washer                                      | ... | ... | ... | ... | ... | ... | 2 |                |
| 8  | S620           | Bolt ( $8\frac{5}{8}$ in. U.H.)                     | ... | ... | ... | ... | ... | ... | 1 |                |
| 9  | F5944          | Tab washer                                          | ... | ... | ... | ... | ... | ... | 1 |                |
| 10 | S545           | Nut                                                 | ... | ... | ... | ... | ... | ... | 1 |                |
| 11 | F11565         | Brake torque stay                                   | ... | ... | ... | ... | ... | ... | 1 |                |
| 12 | S1802          | Bolt ( $3\frac{1}{2}$ in. U.H.)                     | ... | ... | ... | ... | ... | ... | 1 |                |
| 13 | 99-0046        | Spring washer                                       | ... | ... | ... | ... | ... | ... | 2 |                |
| 14 | 14-0304        | Nut                                                 | ... | ... | ... | ... | ... | ... | 2 |                |
| 15 | F8090          | "O" ring                                            | ... | ... | ... | ... | ... | ... | 2 |                |
| 16 | D2023          | SUSPENSION UNIT (64052106)                          | ... | ... | ... | ... | ... | ... | 2 |                |
| 17 | Reference only | Damper unit (64054465)                              | ... | ... | ... | ... | ... | ... | 2 |                |
| 18 | 99-0122        | Bonded bush (64533645)                              | ... | ... | ... | ... | ... | ... | 4 |                |
| 19 | 99-0107        | Spring retainer (9054/171)                          | ... | ... | ... | ... | ... | ... | 4 |                |
| 20 | 99-1047        | Spring, 145 lbs. chrome (64544234)                  | ... | ... | ... | ... | ... | ... | 2 |                |
| 21 | 14-0235        | Unit fixing bolt ( $1\frac{5}{16}$ in. U.H.)        | ... | ... | ... | ... | ... | ... | 4 |                |
| 22 | S25-2          | Plain washer                                        | ... | ... | ... | ... | ... | ... | 2 |                |
| 23 | S26-1          | Spring washer                                       | ... | ... | ... | ... | ... | ... | 2 |                |
| 24 | S25-2          | Plain washer                                        | ... | ... | ... | ... | ... | ... | 4 |                |
| 25 | 14-0303        | Nut                                                 | ... | ... | ... | ... | ... | ... | 4 |                |
| 26 | F7067          | Chainguard                                          | ... | ... | ... | ... | ... | ... | 1 |                |
| 27 | F5536          | Grommet                                             | ... | ... | ... | ... | ... | ... | 1 |                |
| 28 | 14-0113        | Bolt ( $\frac{9}{16}$ in. U.H.)                     | ... | ... | ... | ... | ... | ... | 1 |                |
| 29 | F7364          | Rubber tube                                         | ... | ... | ... | ... | ... | ... | 1 |                |
| 30 | S25-13         | Plain washer                                        | ... | ... | ... | ... | ... | ... | 1 |                |
| 31 | 14-0702        | Self-locking nut                                    | ... | ... | ... | ... | ... | ... | 1 |                |
| 32 | F9387          | Stepped bolt                                        | ... | ... | ... | ... | ... | ... | 1 |                |
| 33 | S25-3          | Plain washer                                        | ... | ... | ... | ... | ... | ... | 1 |                |
| 34 | 14-0302        | Nut                                                 | ... | ... | ... | ... | ... | ... | 1 |                |
| 35 | F11568         | Bracket                                             | ... | ... | ... | ... | ... | ... | 2 |                |
| 36 | 14-0401        | Nut                                                 | ... | ... | ... | ... | ... | ... | 2 |                |
| 37 | 14-0102        | Bolt ( $\frac{5}{8}$ in. U.H.)                      | ... | ... | ... | ... | ... | ... | 2 |                |
| 38 | S26-2          | Spring washer                                       | ... | ... | ... | ... | ... | ... | 2 |                |
| 39 | F7386          | Brake operating rod                                 | ... | ... | ... | ... | ... | ... | 1 |                |
| 40 | —              | Split pin ( $\frac{1}{16}$ in. x $\frac{3}{8}$ in.) | ... | ... | ... | ... | ... | ... | 1 | Reference only |
| 41 | F7387          | Adjuster nut                                        | ... | ... | ... | ... | ... | ... | 1 |                |
| 42 | 99-0725        | Stop lamp switch, type 22B (31437B)                 | ... | ... | ... | ... | ... | ... | 1 |                |
| 43 | T1076          | Screw ( $\frac{3}{8}$ in. U.H.)                     | ... | ... | ... | ... | ... | ... | 3 |                |
| 44 | F4717          | Self locking nut                                    | ... | ... | ... | ... | ... | ... | 5 |                |
| 45 | F5687          | Switch lever                                        | ... | ... | ... | ... | ... | ... | 1 |                |
| 46 | F5413          | "D" washer                                          | ... | ... | ... | ... | ... | ... | 1 |                |
| 47 | F3158          | Spring (315738)                                     | ... | ... | ... | ... | ... | ... | 1 |                |



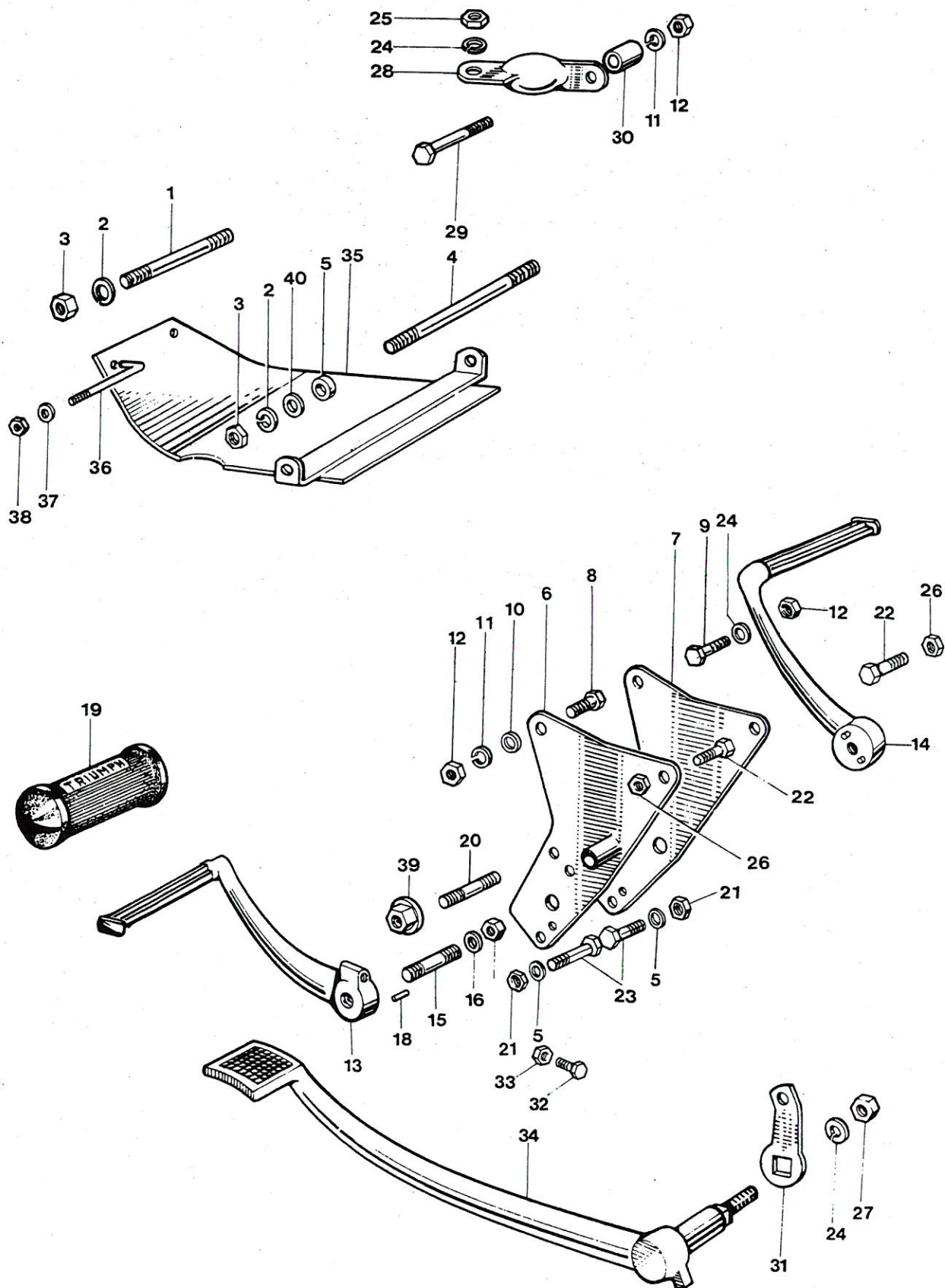


Fig. 14. ENGINE UNIT FITTING AND FOOTRESTS



| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|----------|-------------|----------|---------|
|----------|----------|-------------|----------|---------|

## ENGINE UNIT FITTINGS AND FOOTRESTS

|    |         |                                  |     |     |     |     |     |     |   |       |
|----|---------|----------------------------------|-----|-----|-----|-----|-----|-----|---|-------|
| 1  | F5469   | Stud (3 $\frac{5}{16}$ in. O.A.) | ... | ... | ... | ... | ... | ... | 1 |       |
| 2  | 99-0046 | Spring washer                    | ... | ... | ... | ... | ... | ... | 4 |       |
| 3  | DS47    | Nut                              | ... | ... | ... | ... | ... | ... | 4 |       |
| 4  | F6498   | Stud (8 $\frac{1}{8}$ in. O.A.)  | ... | ... | ... | ... | ... | ... | 1 |       |
| 5  | F5532   | Distance piece                   | ... | ... | ... | ... | ... | ... | 2 |       |
| 6  | F6066   | Left rear engine plate           | ... | ... | ... | ... | ... | ... | 1 |       |
| 7  | F5908   | Right rear engine plate          | ... | ... | ... | ... | ... | ... | 1 |       |
| 8  | 14-0220 | Bolt (1 $\frac{3}{4}$ in.) U.H.) | ... | ... | ... | ... | ... | ... | 2 |       |
| 9  | 14-0221 | Bolt (2 in. U.H.)                | ... | ... | ... | ... | ... | ... | 2 |       |
| 10 | S25-3   | Plain washer                     | ... | ... | ... | ... | ... | ... | 4 |       |
| 11 | S26-3   | Spring washer                    | ... | ... | ... | ... | ... | ... | 6 |       |
| 12 | 14-0302 | Nut                              | ... | ... | ... | ... | ... | ... | 6 |       |
| 13 | F9736   | Left footrest                    | ... | ... | ... | ... | ... | ... | 1 |       |
| 14 | F9624   | Right footrest                   | ... | ... | ... | ... | ... | ... | 1 |       |
| 15 | S1800   | Stud (1 $\frac{5}{8}$ in. O.A.)  | ... | ... | ... | ... | ... | ... | 2 |       |
| 16 | S25-6   | Plain washer                     | ... | ... | ... | ... | ... | ... | 2 |       |
| 17 | 14-0305 | Nut                              | ... | ... | ... | ... | ... | ... | 2 |       |
| 18 | F5943   | Peg                              | ... | ... | ... | ... | ... | ... | 4 |       |
| 19 | NF704   | Footrest rubber                  | ... | ... | ... | ... | ... | ... | 2 |       |
| 20 | S548    | Stud (1 $\frac{3}{8}$ in. O.A.)  | ... | ... | ... | ... | ... | ... | 2 |       |
| 21 | 14-0303 | Nut                              | ... | ... | ... | ... | ... | ... | 1 |       |
| 22 | 14-0126 | Bolt ( $\frac{3}{4}$ in. U.H.)   | ... | ... | ... | ... | ... | ... | 1 |       |
| 23 | 14-0234 | Bolt (1 $\frac{3}{4}$ in. U.H.)  | ... | ... | ... | ... | ... | ... | 2 |       |
| 24 | S26-1   | Spring washer                    | ... | ... | ... | ... | ... | ... | 9 |       |
| 25 | S1-52   | Nut                              | ... | ... | ... | ... | ... | ... | 5 |       |
| 26 | 14-0403 | Nut                              | ... | ... | ... | ... | ... | ... | 2 |       |
| 27 | 99-0047 | Nut                              | ... | ... | ... | ... | ... | ... | 3 |       |
| 28 | E4778   | Engine torque stay               | ... | ... | ... | ... | ... | ... | 4 |       |
| 29 | 14-0218 | Bolt (1 $\frac{5}{16}$ in. U.H.) | ... | ... | ... | ... | ... | ... | 2 |       |
| 30 | F3069   | Distance piece                   | ... | ... | ... | ... | ... | ... | 4 |       |
| 31 | F6064   | Brake pedal lever                | ... | ... | ... | ... | ... | ... | 1 |       |
| 32 | 14-0105 | Bolt ( $\frac{5}{8}$ in. U.H.)   | ... | ... | ... | ... | ... | ... | 1 |       |
| 33 | 14-0401 | Nut                              | ... | ... | ... | ... | ... | ... | 1 |       |
| 34 | F6449   | Brake pedal                      | ... | ... | ... | ... | ... | ... | 1 |       |
| 35 | F10040  | Crankcase undershield...         | ... | ... | ... | ... | ... | ... | 1 |       |
| 36 | F5788   | Hook bolt                        | ... | ... | ... | ... | ... | ... | 2 | } TR6 |
| 37 | S25-1   | Plain washer                     | ... | ... | ... | ... | ... | ... | 2 |       |
| 38 | F879    | Nut                              | ... | ... | ... | ... | ... | ... | 2 |       |
| 39 | F7389   | Nut                              | ... | ... | ... | ... | ... | ... | 2 |       |
| 40 | F4370   | Plain washer                     | ... | ... | ... | ... | ... | ... | 2 |       |

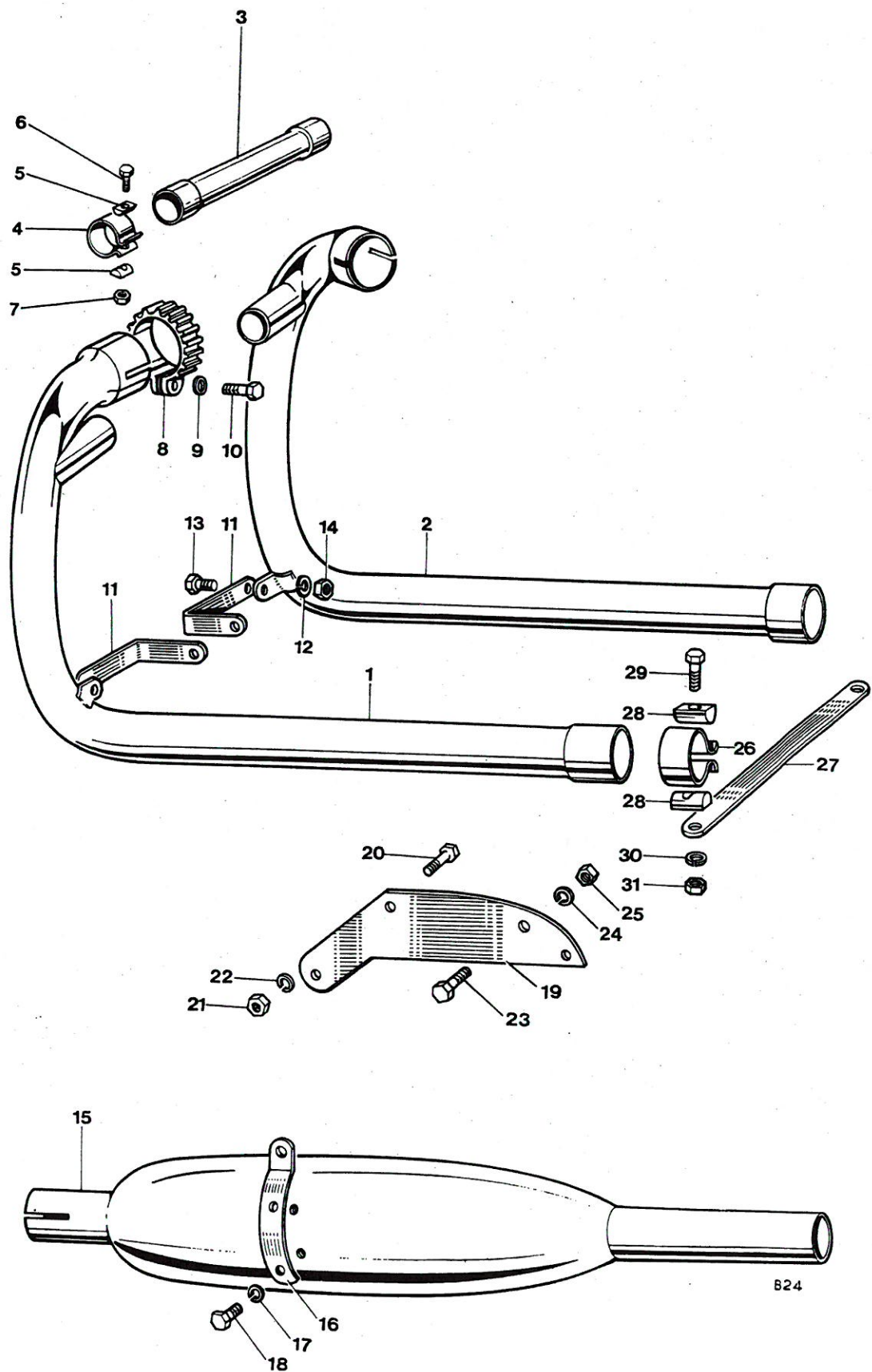


Fig. 15. EXHAUST PIPES AND SILENCERS

## EXHAUST PIPES AND SILENCERS

|    |         |                                                         |     |     |     |     |     |     |   |
|----|---------|---------------------------------------------------------|-----|-----|-----|-----|-----|-----|---|
| 1  | E9363   | EXHAUST PIPE D.S. ...                                   | ... | ... | ... | ... | ... | ... | 1 |
| 2  | E9364   | EXHAUST PIPE T.S. ...                                   | ... | ... | ... | ... | ... | ... | 1 |
| 3  | E9888   | Coupling pipe ...                                       | ... | ... | ... | ... | ... | ... | 1 |
| 4  | E7512   | Clip ...                                                | ... | ... | ... | ... | ... | ... | 2 |
| 5  | E3768   | 'D' washer ...                                          | ... | ... | ... | ... | ... | ... | 4 |
| 6  | 14-0219 | Bolt ...                                                | ... | ... | ... | ... | ... | ... | 2 |
| 7  | 14-1302 | Nut ...                                                 | ... | ... | ... | ... | ... | ... | 2 |
| 8  | E10216  | Clip, exhaust pipe to head ...                          | ... | ... | ... | ... | ... | ... | 2 |
| 9  | E8860   | Spherical washer ...                                    | ... | ... | ... | ... | ... | ... | 2 |
| 10 | E6744   | Bolt (for clip) ...                                     | ... | ... | ... | ... | ... | ... | 2 |
| 11 | E6857   | Exhaust pipe tie ...                                    | ... | ... | ... | ... | ... | ... | 2 |
| 12 | S26-3   | Spring washer ...                                       | ... | ... | ... | ... | ... | ... | 2 |
| 13 | E6179   | Screw ...                                               | ... | ... | ... | ... | ... | ... | 2 |
| 14 | E7471   | Nut ...                                                 | ... | ... | ... | ... | ... | ... | 2 |
| 15 | E5866   | Silencer ...                                            | ... | ... | ... | ... | ... | ... | 2 |
| 16 | E4951   | Bracket ...                                             | ... | ... | ... | ... | ... | ... | 2 |
| 17 | S26-3   | Spring washer ...                                       | ... | ... | ... | ... | ... | ... | 4 |
| 18 | F929    | Bolt, bracket to silencer ( $\frac{1}{2}$ in. U.H.) ... | ... | ... | ... | ... | ... | ... | 4 |
| 19 | E4711   | Hanger, frame for silencer ...                          | ... | ... | ... | ... | ... | ... | 2 |
| 20 | 14-0115 | Bolt ( $\frac{7}{8}$ in. U.H.) ...                      | ... | ... | ... | ... | ... | ... | 4 |
| 21 | 14-0302 | Nut ...                                                 | ... | ... | ... | ... | ... | ... | 4 |
| 22 | S26-3   | Spring washer ...                                       | ... | ... | ... | ... | ... | ... | 4 |
| 23 | 14-0114 | Bolt ( $\frac{3}{4}$ in. U.H.) ...                      | ... | ... | ... | ... | ... | ... | 2 |
| 24 | S26-3   | Spring washer ...                                       | ... | ... | ... | ... | ... | ... | 2 |
| 25 | 14-0302 | Nut ...                                                 | ... | ... | ... | ... | ... | ... | 2 |
| 26 | E2271   | Clip ...                                                | ... | ... | ... | ... | ... | ... | 2 |
| 27 | E5676   | Stay ...                                                | ... | ... | ... | ... | ... | ... | 1 |
| 28 | E3768   | 'D' washer ...                                          | ... | ... | ... | ... | ... | ... | 4 |
| 29 | 14-0219 | Bolt ( $1\frac{1}{2}$ in. U.H.) ...                     | ... | ... | ... | ... | ... | ... | 2 |
| 30 | S26-3   | Spring washer ...                                       | ... | ... | ... | ... | ... | ... | 2 |
| 31 | S1908   | Nut ...                                                 | ... | ... | ... | ... | ... | ... | 2 |



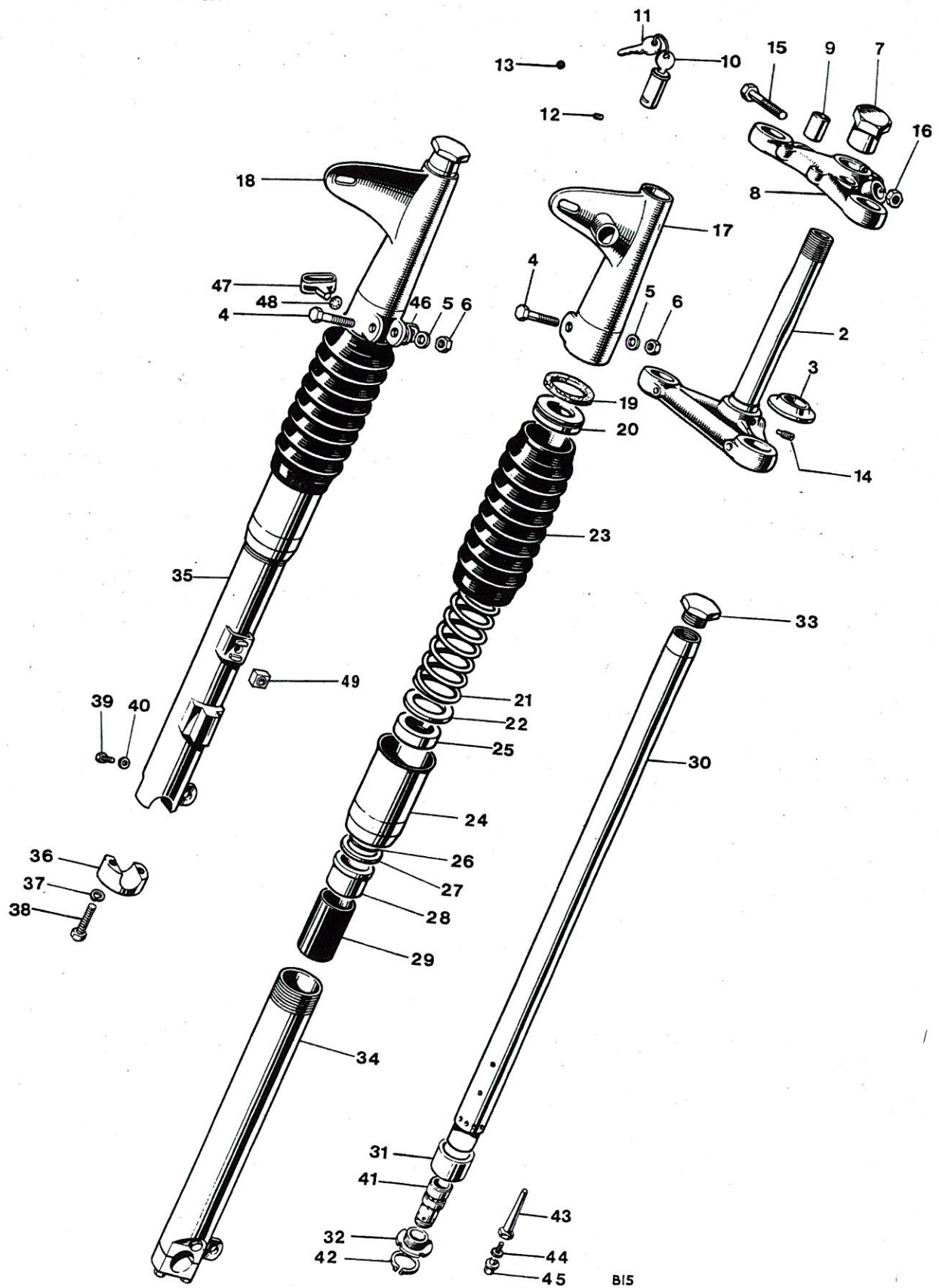


Fig. 16. TELESCOPIC FRONT FORK

## TELESCOPIC FRONT FORK

|            |         |                                       |     |     |     |     |     |     |           |                                 |
|------------|---------|---------------------------------------|-----|-----|-----|-----|-----|-----|-----------|---------------------------------|
| 1          | H3907   | FORK ASSEMBLY                         | ... | ... | ... | ... | ... | ... | 1         |                                 |
| 2          | H3659   | Middle lug and stem                   | ... | ... | ... | ... | ... | ... | 1         |                                 |
| 3          | H439    | Bottom cone                           | ... | ... | ... | ... | ... | ... | 1         |                                 |
| 4          | H2290   | Pinch bolt ( $2\frac{1}{4}$ in. U.H.) | ... | ... | ... | ... | ... | ... | 2         |                                 |
| 5          | S25-2   | Plain washer                          | ... | ... | ... | ... | ... | ... | 2         |                                 |
| 6          | 14-1303 | Cleaveloc nut                         | ... | ... | ... | ... | ... | ... | 2         |                                 |
| 7          | H2263   | Sleeve nut (blind)                    | ... | ... | ... | ... | ... | ... | 1         |                                 |
| 8          | H3667   | Top lug                               | ... | ... | ... | ... | ... | ... | 2         |                                 |
| 9          | H1527   | Bonded bush                           | ... | ... | ... | ... | ... | ... | 1         |                                 |
| 10         | F6738   | Lock c/w 2 keys                       | ... | ... | ... | ... | ... | ... | 1         |                                 |
| 11         | D623    | Key (state serial number)             | ... | ... | ... | ... | ... | ... | 1         | Key nos. run from EJR1 to EJR50 |
| 12         | S578    | Grub screw                            | ... | ... | ... | ... | ... | ... | 1         |                                 |
| 13         | H2266   | Sealing washer                        | ... | ... | ... | ... | ... | ... | 1         |                                 |
| 14         | H2107   | Securing pin                          | ... | ... | ... | ... | ... | ... | 1         |                                 |
| 15         | S684    | Pinch bolt ( $1\frac{1}{8}$ 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   | Solo main spring (Yellow/Blue)        | ... | ... | ... | ... | ... | ... | 2         |                                 |
| 21         | H1892   | Main spring (Yellow/Green), sidecar   | ... | ... | ... | ... | ... | ... | 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 ( $1\frac{7}{8}$ in. U.H.)   | ... | ... | ... | ... | ... | ... | 4         |                                 |
| 39         | H3894   | Drain plug                            | ... | ... | ... | ... | ... | ... | 2         |                                 |
| 40         | H3893   | Fibre 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   | Brake cable bracket                   | ... | ... | ... | ... | ... | ... | 1         |                                 |
| 47         | H2270   | Cable retainer                        | ... | ... | ... | ... | ... | ... | 1         |                                 |
| 48         | F8245   | Starlock washer                       | ... | ... | ... | ... | ... | ... | 1         |                                 |
| 49         | H3926   | Square nut                            | ... | ... | ... | ... | ... | ... | 2         |                                 |
| Not illus. | F6784   | Cable grommet (right top cover)       | ... | ... | ... | ... | ... | ... | 1         |                                 |

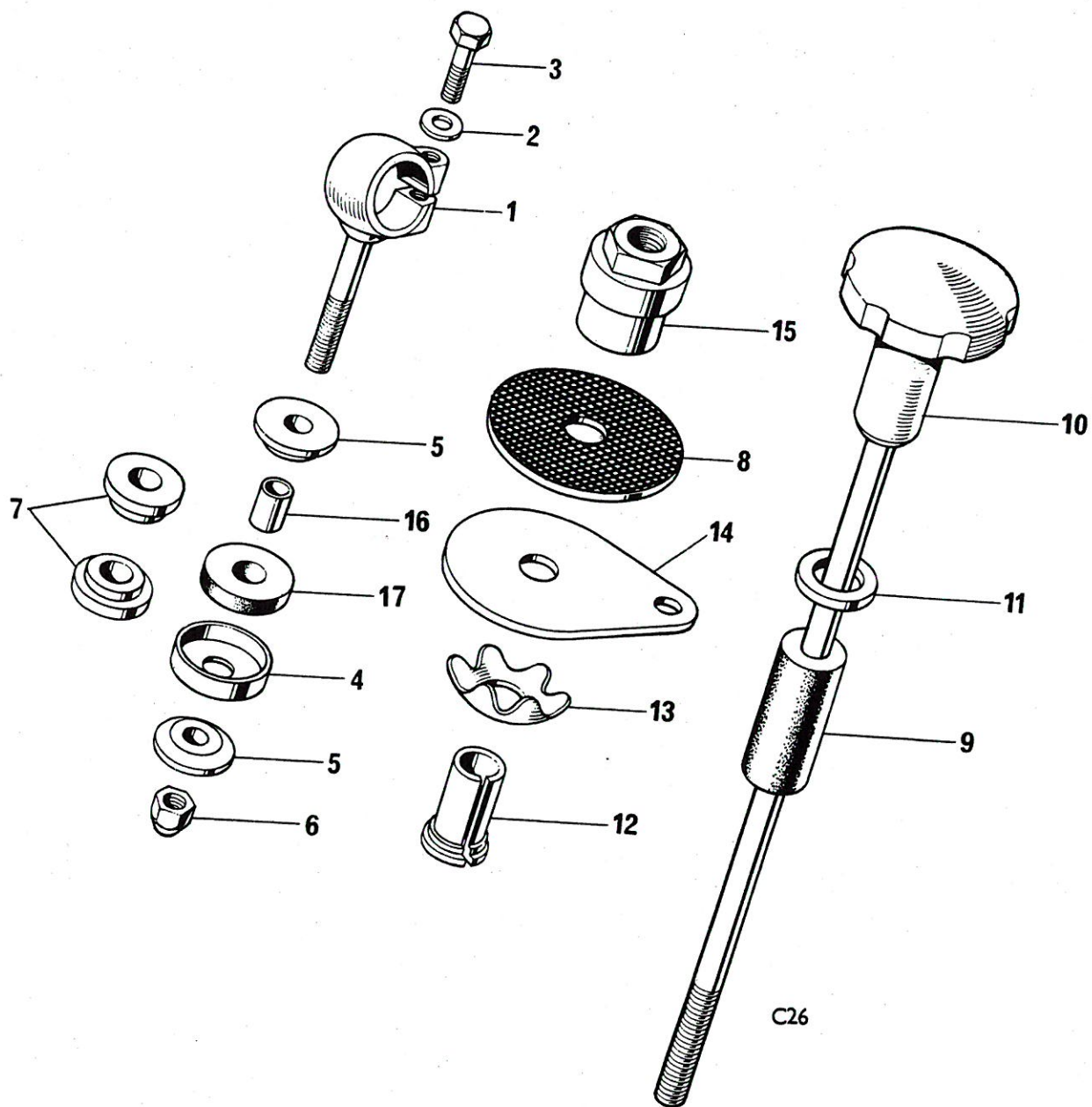


Fig. 17. HANDLEBAR MOUNTINGS AND STEERING DAMPER



Ref. No. Part No.

DESCRIPTION

QUANTITY

REMARKS

**HANDLEBAR MOUNTINGS AND STEERING DAMPER**

|    |         |                                               |     |     |     |     |     |     |     |             |  |
|----|---------|-----------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------------|--|
| 1  | H2291   | Handlebar eyebolt                             | ... | ... | ... | ... | ... | ... | ... | 2           |  |
| 2  | F1335   | Plain washer                                  | ... | ... | ... | ... | ... | ... | ... | 2           |  |
| 3  | S589    | Bolt (1 $\frac{1}{8}$ in. U.H.)               | ... | ... | ... | ... | ... | ... | ... | 2           |  |
| 4  | H2221   | Cup                                           | ... | ... | ... | ... | ... | ... | ... | 2           |  |
| 5  | H1529   | Hemispherical washer                          | ... | ... | ... | ... | ... | ... | ... | 2           |  |
| 6  | 14-1903 | Self-locking nut                              | ... | ... | ... | ... | ... | ... | ... | 4           |  |
| 7  | H1616   | Solid bush (for handlebar mounted windscreen) | ... | ... | ... | ... | ... | ... | ... | 2           |  |
| 8  | H435    | Friction disc                                 | ... | ... | ... | ... | ... | ... | ... | as required |  |
| 9  | H1618   | Rubber sleeve                                 | ... | ... | ... | ... | ... | ... | ... | Available   |  |
| 10 | H3602   | Steering damper rod c/w knob                  | ... | ... | ... | ... | ... | ... | ... | Available   |  |
| 11 | H565    | Plain washer                                  | ... | ... | ... | ... | ... | ... | ... | Available   |  |
| 12 | H3601   | Adjuster sleeve                               | ... | ... | ... | ... | ... | ... | ... | Available   |  |
| 13 | H95     | Spring plate                                  | ... | ... | ... | ... | ... | ... | ... | Available   |  |
| 14 | H1797   | Anchor plate                                  | ... | ... | ... | ... | ... | ... | ... | Available   |  |
| 15 | H2108   | Sleeve nut                                    | ... | ... | ... | ... | ... | ... | ... | Available   |  |
| 16 | H1581   | Distance piece                                | ... | ... | ... | ... | ... | ... | ... | Available   |  |
| 17 | H1580   | Rubber                                        | ... | ... | ... | ... | ... | ... | ... | 2           |  |
|    |         |                                               | ... | ... | ... | ... | ... | ... | ... | 2           |  |

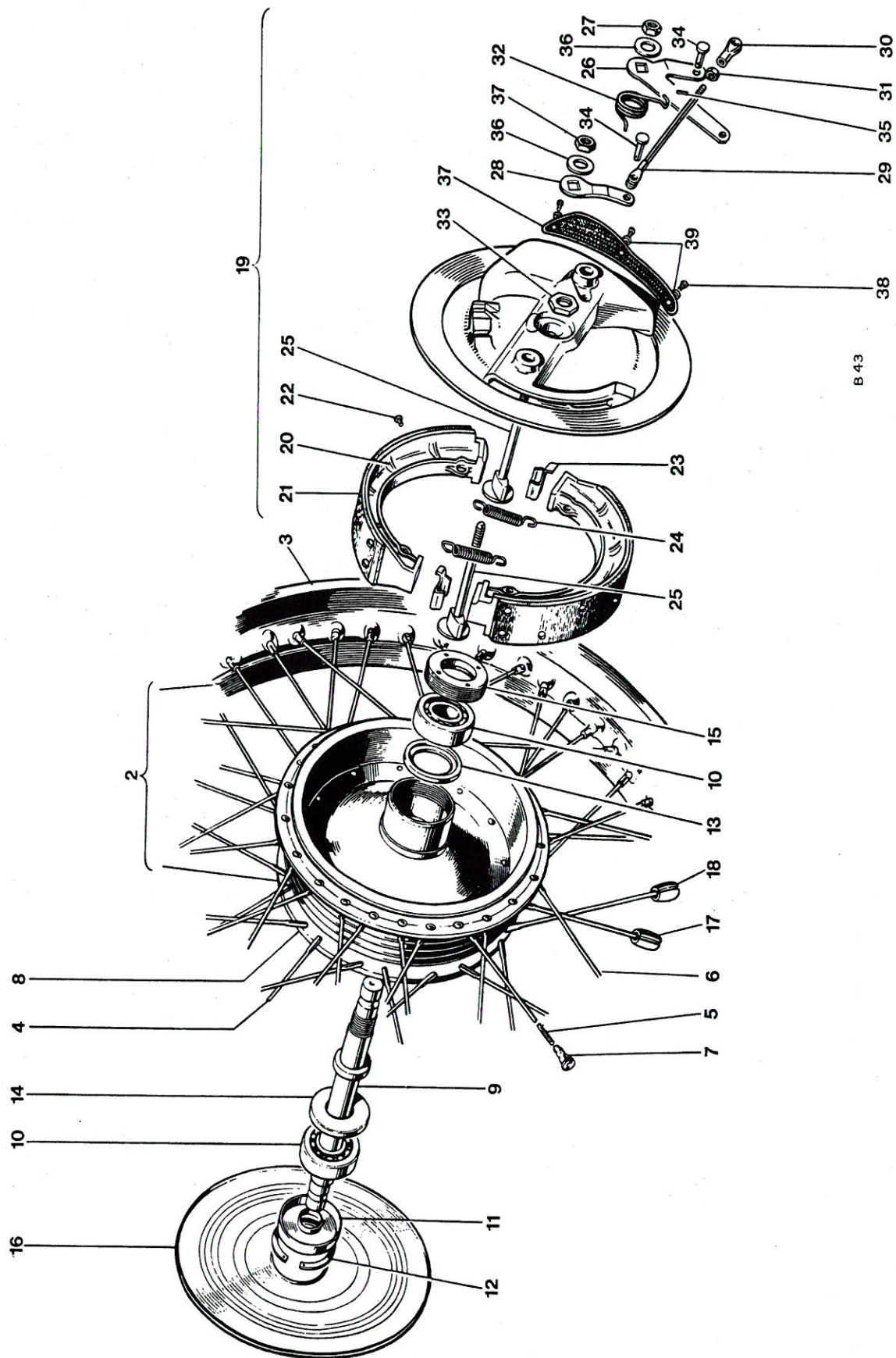


Fig. 19. FRONT WHEEL

| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|----------|-------------|----------|---------|
|----------|----------|-------------|----------|---------|

### FRONT WHEEL

|    |                |                                                          |     |     |     |                |             |
|----|----------------|----------------------------------------------------------|-----|-----|-----|----------------|-------------|
| 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 5 $\frac{5}{8}$ in. straight) c/w nipple  | ... | ... | ... | 20             |             |
| 5  | W1708          | Spoke (8/10G x 4 $\frac{25}{32}$ in. 78°) c/w nipple     | ... | ... | ... | 10             |             |
| 6  | W1709          | Spoke (8/10G x 4 $\frac{7}{8}$ 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           | Retaining ring                                           | ... | ... | ... | 1              |             |
| 16 | W3460          | Cover plate                                              | ... | ... | ... | 1              |             |
| 17 | W1197          | Balance weight, $\frac{1}{2}$ 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 ( $\frac{1}{16}$ 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          | Taptite screw                                            | ... | ... | ... | 3              |             |
| 39 | E2351          | Washer for taptite screws                                | ... | ... | ... | 3              |             |



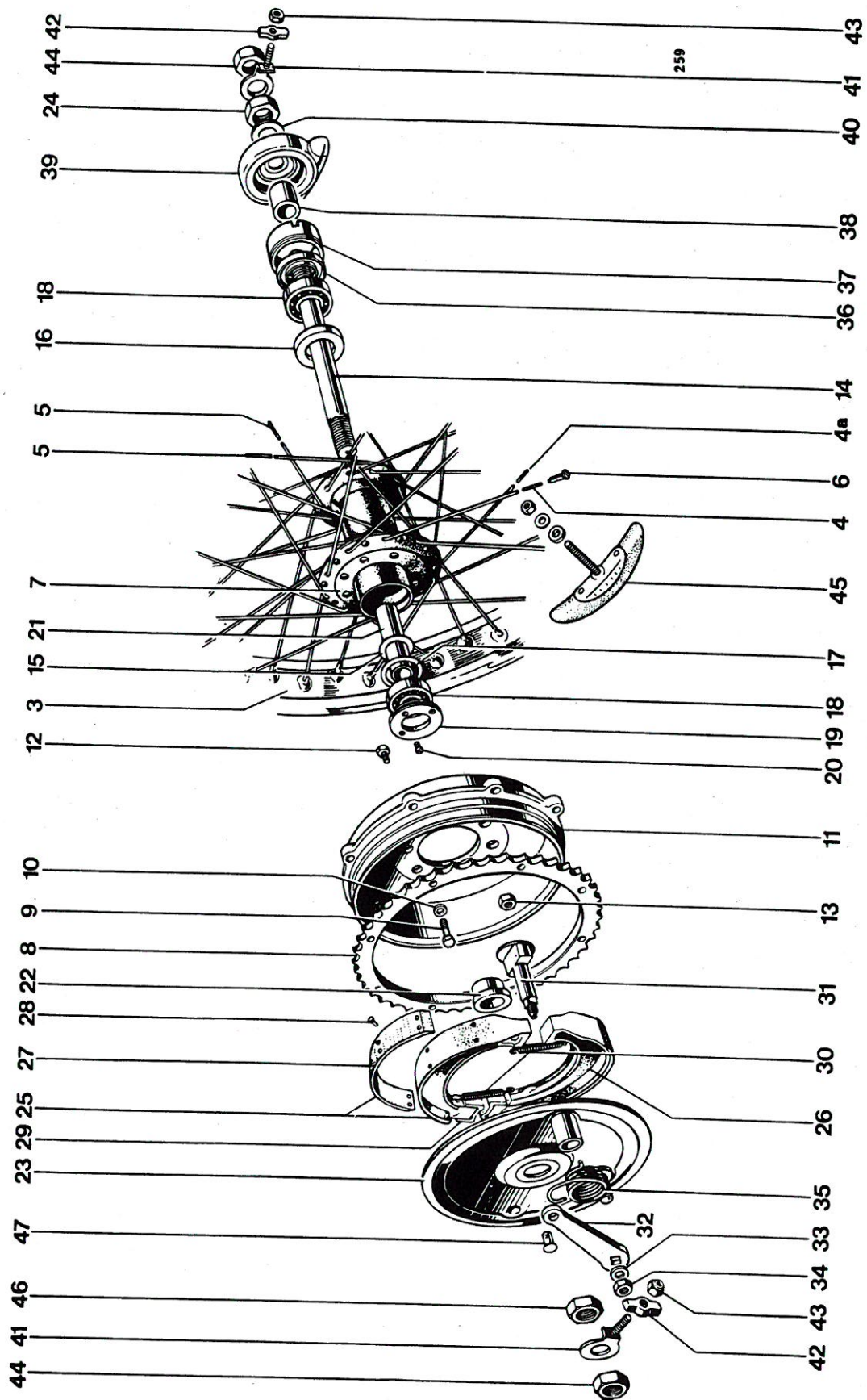


Fig. 19. REAR WHEEL

| Ref. No.                                             | Part No.       | DESCRIPTION                                | QUANTITY | REMARKS                   |
|------------------------------------------------------|----------------|--------------------------------------------|----------|---------------------------|
| <b>REAR WHEEL</b>                                    |                |                                            |          |                           |
| 1                                                    | W3603          | 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- $\frac{9}{16}$ in. 90°)  | 10       |                           |
| 4A                                                   | W3402          | Spoke (8/10G x 7- $\frac{9}{16}$ in. 110°) | 10       |                           |
| 5                                                    | W1108          | Spoke (8/10G x 7 $\frac{7}{8}$ in. 90°)    | 20       |                           |
| 6                                                    | S79-2          | Spoke nipple                               | 40       |                           |
| 7                                                    | W3586          | Hub                                        | 1        |                           |
| 8                                                    | W1499          | Sprocket, 46T                              | 1        |                           |
| 9                                                    | S2010          | Bolt ( $\frac{1}{8}$ in. U.H.)             | 8        |                           |
| 10                                                   | E1612          | Serrated washer                            | 8        |                           |
| 11                                                   | W3585          | Brake drum                                 | 1        |                           |
| 12                                                   | S2011          | Bolt ( $\frac{1}{8}$ 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        | } Not supplied separately |
| 28                                                   | Reference only | Brass rivet                                | 16       |                           |
| 29                                                   | W1415          | Thrust pad                                 | 2        |                           |
| 30                                                   | W135           | Shoe return spring                         | 2        |                           |
| 31                                                   | W3592          | Brake cam                                  | 1        |                           |
| 32                                                   | W2015          | Brake cam lever                            | 1        |                           |
| 33                                                   | W2027          | Plain washer                               | 1        |                           |
| 34                                                   | 14-0403        | Nut                                        | 1        |                           |
| 35                                                   | W1090          | Lever return spring                        | 1        |                           |
| 36                                                   | W1635          | Grease retainer                            | 1        |                           |
| 37                                                   | W3588          | Speedometer adaptor                        | 1        |                           |
| 38                                                   | W1477          | Distance piece                             | 1        |                           |
| 39                                                   | *D637          | Speedometer gearbox                        | 1        |                           |
| 40                                                   | W1280          | Plain washer                               | 1        |                           |
| 41                                                   | W2089          | Chain adjuster                             | 2        |                           |
| 42                                                   | W1015          | Adjuster end plate                         | 2        |                           |
| 43                                                   | 14-1902        | Self-locking nut                           | 2        |                           |
| 44                                                   | S585           | Spindle nut                                | 2        |                           |
| 45                                                   | D106           | Tyre security bolt (WM2)                   | 2        |                           |
| 46                                                   | S2014          | Nut inner D.S.                             | 1        |                           |
| 47                                                   | W1467          | Pivot pin                                  | 1        |                           |
| * Use D373 Speedometer gearbox with Kph. Speedo head |                |                                            |          |                           |

#### ALTERNATIVE WHEEL AVAILABLE TO SUIT 4in. REAR TYRE:

|   |       |                              |   |
|---|-------|------------------------------|---|
| 1 | W3604 | REAR WHEEL COMPLETE          | 1 |
| 2 | W3610 | Rim, hub and spokes assembly | 1 |
| 3 | W1003 | Rear wheel rim WM3-18        | 1 |

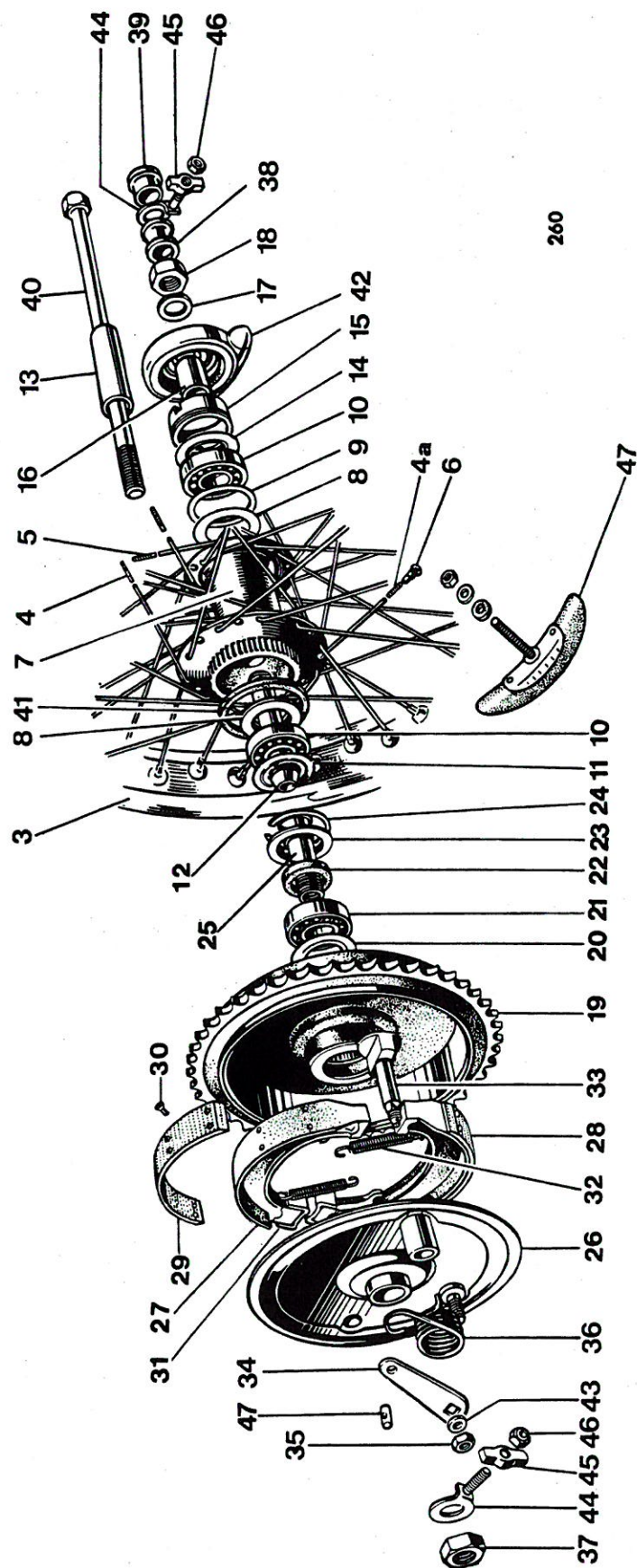


Fig. 20. QUICKLY DETACHABLE REAR WHEEL



## QUICKLY DETACHABLE REAR WHEEL

|    |         |                                             |     |     |     |     |    |                 |
|----|---------|---------------------------------------------|-----|-----|-----|-----|----|-----------------|
| 1  | W3670   | Q.D. REAR WHEEL COMPLETE                    | ... | ... | ... | ... | 1  |                 |
| 2  | W3674   | RIM, SPOKES AND HUB ASSEMBLY                | ... | ... | ... | ... | 1  |                 |
| 3  | W1471   | Rear wheel rim WM2-18                       | ... | ... | ... | ... | 1  |                 |
| 4  | W1107   | Spoke (8/10 x 7 $\frac{9}{16}$ in. 90°)     | ... | ... | ... | ... | 10 |                 |
| 4a | W3402   | Spoke (8/10G x 7 $\frac{9}{16}$ in. x 110°) | ... | ... | ... | ... | 10 |                 |
| 5  | W1108   | Spoke (8/10G x 7 $\frac{9}{16}$ in. 90°)    | ... | ... | ... | ... | 20 |                 |
| 7  | W3595   | Hub                                         | ... | ... | ... | ... | 1  |                 |
| 8  | W1595   | Grease retainer                             | ... | ... | ... | ... | 2  |                 |
| 9  | W1509   | Backing ring                                | ... | ... | ... | ... | 1  |                 |
| 10 | S35-7   | Bearing                                     | ... | ... | ... | ... | 2  |                 |
| 11 | W1596   | Dust cap                                    | ... | ... | ... | ... | 1  |                 |
| 12 | W3596   | Bearing sleeve                              | ... | ... | ... | ... | 1  |                 |
| 13 | W1598   | Distance piece (inner)                      | ... | ... | ... | ... | 1  |                 |
| 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 | NW243   | Brake lining                                | ... | ... | ... | ... | 2  |                 |
| 30 | W129    | Brass rivet                                 | ... | ... | ... | ... | 16 |                 |
| 31 | W1415   | Thrust pad                                  | ... | ... | ... | ... | 2  |                 |
| 32 | W135    | Shoe return spring                          | ... | ... | ... | ... | 2  |                 |
| 33 | W3592   | Brake cam                                   | ... | ... | ... | ... | 1  |                 |
| 34 | W2015   | Brake cam lever                             | ... | ... | ... | ... | 1  |                 |
| 35 | 14-0403 | Nut                                         | ... | ... | ... | ... | 1  |                 |
| 36 | W1090   | Lever return spring                         | ... | ... | ... | ... | 1  |                 |
| 37 | 14-1902 | Nut                                         | ... | ... | ... | ... | 1  |                 |
| 38 | W1392   | Inner distance piece                        | ... | ... | ... | ... | 1  |                 |
| 39 | W1170   | Outer distance piece                        | ... | ... | ... | ... | 1  |                 |
| 40 | W3600   | Spindle                                     | ... | ... | ... | ... | 1  |                 |
| 41 | W1091   | Rubber sealing ring                         | ... | ... | ... | ... | 1  |                 |
| 42 | D637    | Speedometer gearbox                         | ... | ... | ... | ... | 1  |                 |
| 43 | S25-6   | Washer                                      | ... | ... | ... | ... | 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  |                 |
| —  | W1467   | Pivot pin                                   | ... | ... | ... | ... | 1  | Not illustrated |

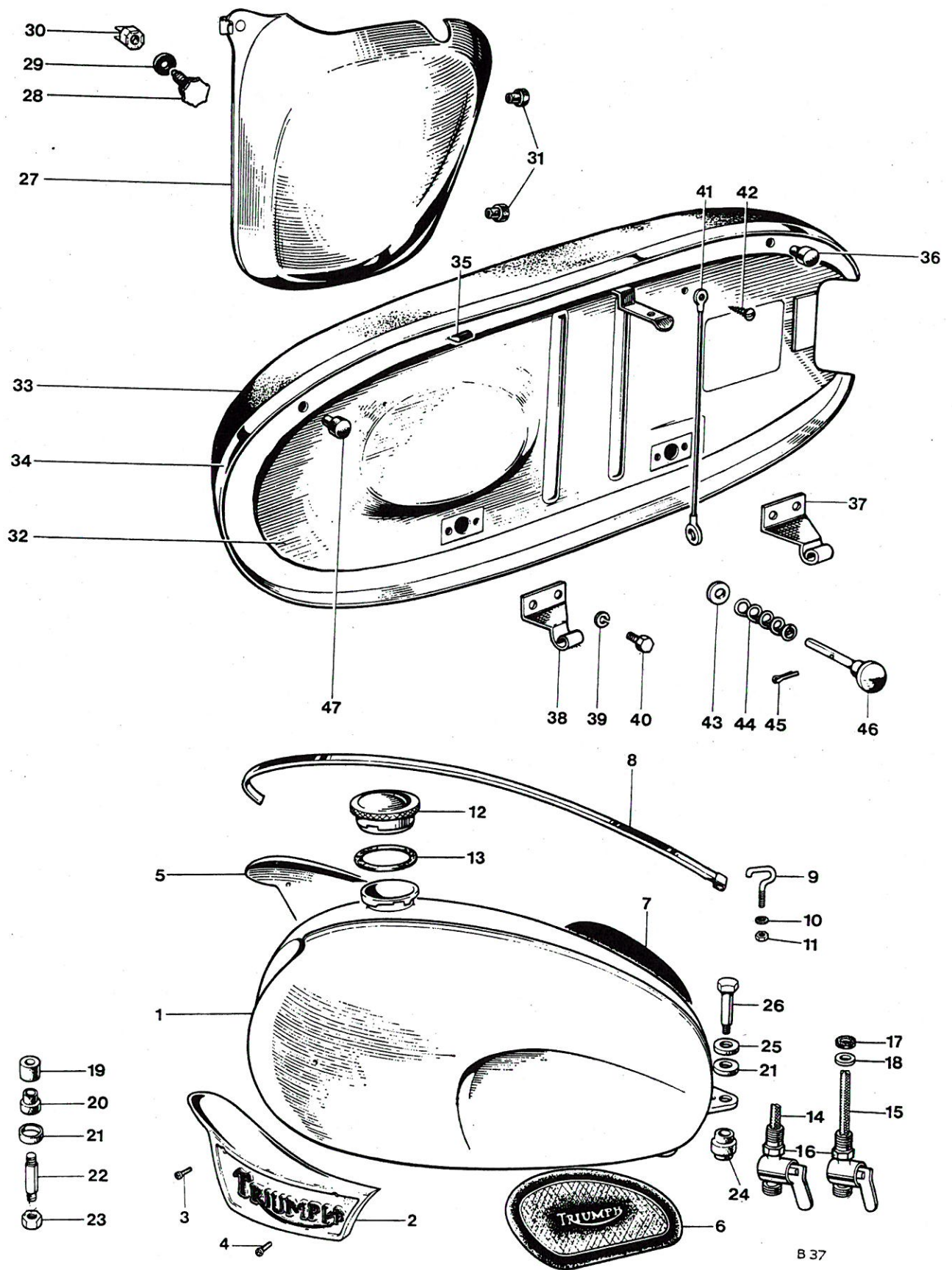


Fig. 21. PETROL (GAS) TANKS

## PETROL TANKS, PANEL AND TWINSEAT

|    |         |                                                     |     |     |     |     |     |                |                      |
|----|---------|-----------------------------------------------------|-----|-----|-----|-----|-----|----------------|----------------------|
| 1  | F11800  | Petrol tank (4 gallons)                             | ... | ... | ... | ... | ... | 1              | T120                 |
| 1  | F11799  | Petrol tank (4 gallons)                             | ... | ... | ... | ... | ... | 1              | TR6                  |
| 2  | F9701   | Styling unit (left)                                 | ... | ... | ... | ... | ... | 1              |                      |
| 3  | F4129   | Styling unit screw, front $\frac{35}{64}$ in. O.A.  | ... | ... | ... | ... | ... | 2              |                      |
| 4  | F7888   | Styling unit screw, rear $\frac{27}{64}$ in. O.A.   | ... | ... | ... | ... | ... | 2              |                      |
| 5  | F9700   | Styling unit (right)                                | ... | ... | ... | ... | ... | 1              |                      |
| 6  | F8192   | Left knee grip                                      | ... | ... | ... | ... | ... | 1              |                      |
| 7  | F8193   | Right knee grip                                     | ... | ... | ... | ... | ... | 1              |                      |
| 8  | F10032  | Centre styling strip                                | ... | ... | ... | ... | ... | 1              |                      |
| 9  | F10008  | Hook screw                                          | ... | ... | ... | ... | ... | 1              |                      |
| 10 | F4019   | Serrated washer                                     | ... | ... | ... | ... | ... | 1              |                      |
| 11 | H919    | Nut                                                 | ... | ... | ... | ... | ... | 1              |                      |
| 12 | F3220   | FILLER CAP                                          | ... | ... | ... | ... | ... | 1              |                      |
| 13 | F4048   | Joint washer                                        | ... | ... | ... | ... | ... | 1              |                      |
| 14 | F4971   | PETROL TAP (left)                                   | ... | ... | ... | ... | ... | 1              |                      |
| 15 | F4972   | PETROL TAP with reserve tube                        | ... | ... | ... | ... | ... | 1              |                      |
| 16 | F10006  | Petrol tap locknut                                  | ... | ... | ... | ... | ... | 2              |                      |
| 17 | E7351   | Petrol tap seal                                     | ... | ... | ... | ... | ... | 2              |                      |
| 18 | F10002  | Steel washer                                        | ... | ... | ... | ... | ... | 2              |                      |
| 19 | F5228   | Rubber washer                                       | ... | ... | ... | ... | ... | 2              |                      |
| 20 | F5229   | Spigot rubber                                       | ... | ... | ... | ... | ... | 2              |                      |
| 21 | F3814   | Cup                                                 | ... | ... | ... | ... | ... | 3              |                      |
| 22 | S1833   | Shouldered stud                                     | ... | ... | ... | ... | ... | 2              |                      |
| 23 | 14-1302 | Nut                                                 | ... | ... | ... | ... | ... | 2              |                      |
| 24 | F5336   | Double spigot rubber                                | ... | ... | ... | ... | ... | 1              |                      |
| 25 | F967    | Rubber washer                                       | ... | ... | ... | ... | ... | 1              |                      |
| 26 | F7388   | Bolt                                                | ... | ... | ... | ... | ... | 1              |                      |
| —  | D678    | Transfer "TROPHY SPORTS"                            | ... | ... | ... | ... | ... | 1              | TR6 Not illustrated  |
| —  | D2103   | Transfer "BONNEVILLE"                               | ... | ... | ... | ... | ... | 1              | T120 Not illustrated |
| 27 | F8042   | Side panel and toolbox                              | ... | ... | ... | ... | ... | 1              |                      |
| 28 | F11357  | Panel knob                                          | ... | ... | ... | ... | ... | 1              |                      |
| 29 | F11377  | Washer                                              | ... | ... | ... | ... | ... | 1              |                      |
| 30 | F10022  | Panel nut                                           | ... | ... | ... | ... | ... | 1              |                      |
| 31 | F6673   | Panel grommet                                       | ... | ... | ... | ... | ... | 2              |                      |
| 32 | F11573  | TWINSEAT                                            | ... | ... | ... | ... | ... | 1              |                      |
| 33 | F9715   | Twinseat cover                                      | ... | ... | ... | ... | ... | 1              |                      |
| —  | A52     | Transfer "POSITIVE EARTH"                           | ... | ... | ... | ... | ... | 1              |                      |
| 34 | D696    | Trim strip                                          | ... | ... | ... | ... | ... | 1              |                      |
| 35 | D697    | Trim strip sprag                                    | ... | ... | ... | ... | ... | 4              |                      |
| 36 | F7835   | Rubber buffer (front)                               | ... | ... | ... | ... | ... | 2              |                      |
| 37 | F8026   | Hinge front                                         | ... | ... | ... | ... | ... | 1              |                      |
| 38 | F7862   | Hinge rear                                          | ... | ... | ... | ... | ... | 1              |                      |
| 39 | S26-2   | Spring washer                                       | ... | ... | ... | ... | ... | 4              |                      |
| 40 | 14-0101 | Bolt ( $\frac{1}{2}$ in. U.H.)                      | ... | ... | ... | ... | ... | 4              |                      |
| 41 | D374    | Check wire                                          | ... | ... | ... | ... | ... | 1              |                      |
| 42 | D2381   | Self-tapping screw                                  | ... | ... | ... | ... | ... | 1              |                      |
| 43 | E1719A  | Washer                                              | ... | ... | ... | ... | ... | 1              |                      |
| 44 | F4228   | Spring                                              | ... | ... | ... | ... | ... | 1              |                      |
| 45 | —       | Split pin ( $\frac{3}{32}$ in. x $\frac{1}{2}$ in.) | ... | ... | ... | ... | ... | Reference only |                      |
| 46 | F7560   | Seat catch plunger                                  | ... | ... | ... | ... | ... | 1              |                      |
| 47 | F4898   | Rubber buffer (rear)                                | ... | ... | ... | ... | ... | 2              |                      |



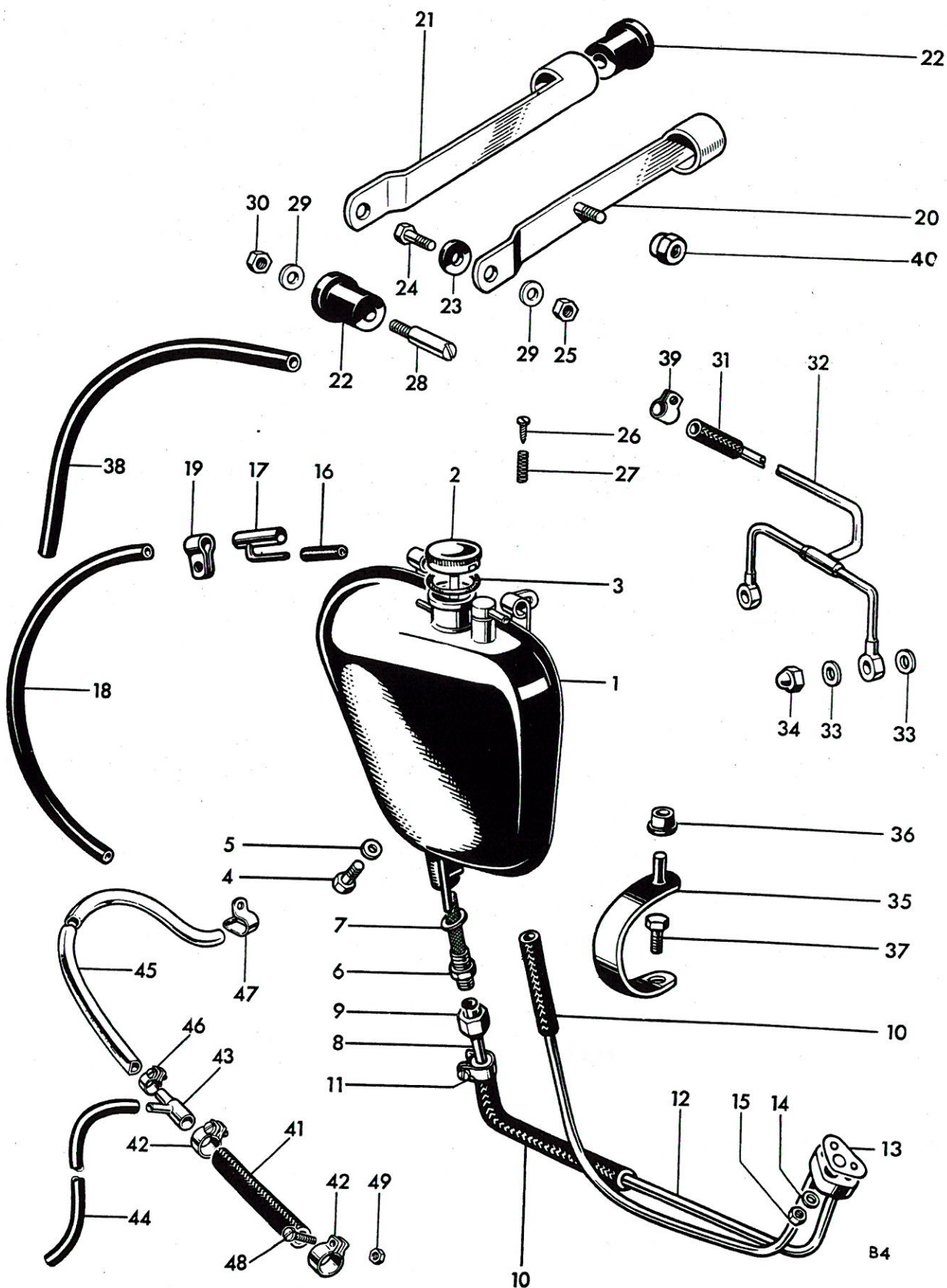


Fig. 23. OIL TANK, OIL PIPES AND BREATHER PIPES

## OIL TANK, OIL PIPES AND BREATHER PIPES

|    |         |                                          |     |     |     |     |     |     |     |   |                 |
|----|---------|------------------------------------------|-----|-----|-----|-----|-----|-----|-----|---|-----------------|
| 1  | F11763  | Oil tank ...                             | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 2  | F9659   | FILLER CAP                               | ... | ... | ... | ... | ... | ... | ... | 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  | F3655   | Upper feed pipe                          | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 9  | F3182   | Union nut                                | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 10 | E4594   | Flexible connector                       | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 11 | E6848   | Clip                                     | ... | ... | ... | ... | ... | ... | ... | 2 |                 |
| 12 | E6930   | Oil pipes and junction block             | ... | ... | ... | ... | ... | ... | ... | 4 |                 |
| 13 | E3763   | Joint washer                             | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 14 | E3446   | Plain washer                             | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 15 | E1310   | Nut                                      | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 16 | E6356   | Vent pipe                                | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 17 | E5370   | "T" piece                                | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 18 | F7353   | Extension pipe                           | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 19 | F3098   | Clip                                     | ... | ... | ... | ... | ... | ... | ... | 2 |                 |
| 20 | F9255   | Front strap                              | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 21 | F8028   | Rear strap                               | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 22 | F6673   | Spigot rubber                            | ... | ... | ... | ... | ... | ... | ... | 4 |                 |
| 23 | F6968   | Rubber washer                            | ... | ... | ... | ... | ... | ... | ... | 2 |                 |
| 24 | 14-0103 | Bolt ( $\frac{3}{4}$ in. U.H.)           | ... | ... | ... | ... | ... | ... | ... | 2 |                 |
| 25 | 14-0701 | Self locking nut                         | ... | ... | ... | ... | ... | ... | ... | 2 |                 |
| 26 | F9435   | Metering screw                           | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 27 | F6874   | Coil spring                              | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 28 | F7510   | Screwed peg                              | ... | ... | ... | ... | ... | ... | ... | 2 |                 |
| 29 | S25-13  | Plain washer                             | ... | ... | ... | ... | ... | ... | ... | 4 |                 |
| 30 | 14-0301 | Nut                                      | ... | ... | ... | ... | ... | ... | ... | 2 |                 |
| 31 | E6353   | Rubber connector                         | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 32 | E6349   | Rocker oil feed pipe                     | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 33 | E1335   | Copper washer                            | ... | ... | ... | ... | ... | ... | ... | 4 |                 |
| 34 | E1435   | Domed nut                                | ... | ... | ... | ... | ... | ... | ... | 2 |                 |
| 35 | F6147   | Bracket                                  | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 36 | F6039   | Grommet                                  | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 37 | S1822   | Bolt ( $\frac{1}{2}$ in. U.H.)           | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 38 | F7352   | Flexible pipe                            | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 39 | E6849   | Clip                                     | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 40 | F8034   | Sleeve nut                               | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| —  | D1918   | Grouped transfer—"Drain and refill" etc. | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 41 | E11149  | Breather vent pipe                       | ... | ... | ... | ... | ... | ... | ... | 1 | Not illustrated |
| 42 | D2253   | Clip                                     | ... | ... | ... | ... | ... | ... | ... | 2 |                 |
| 43 | F11610  | "T" piece connector                      | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 44 | F11613  | Vent pipe, froth tower                   | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 45 | F11614  | Breather tube, rear guard                | ... | ... | ... | ... | ... | ... | ... | 1 |                 |
| 46 | D2252   | Clip, tube to "T" piece                  | ... | ... | ... | ... | ... | ... | ... | 4 |                 |
| 47 | F11615  | Clip, tube to rear guard                 | ... | ... | ... | ... | ... | ... | ... | 4 |                 |
| 48 | H3894   | 2 B.A. screw, clip at rear guard         | ... | ... | ... | ... | ... | ... | ... | 4 |                 |
| 49 | F4717   | 2 B.A. nut, clip at rear guard           | ... | ... | ... | ... | ... | ... | ... | 4 |                 |

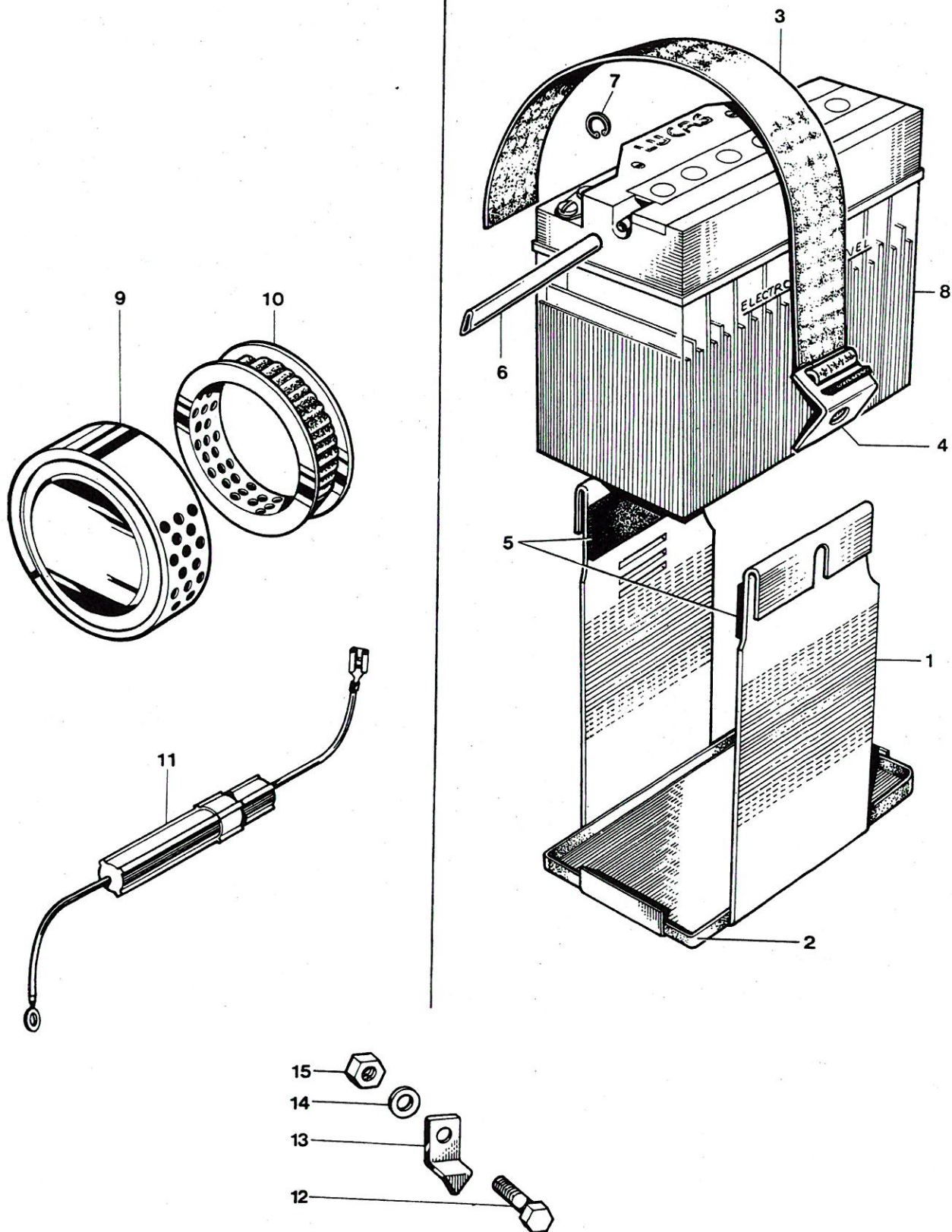


Fig. 23. BATTERY CARRIER AND AIR FILTERS



Ref. No. Part No.

DESCRIPTION

QUANTITY REMARKS

**BATTERY CARRIER AND AIR FILTER**

|    |          |                                        |   |        |
|----|----------|----------------------------------------|---|--------|
| 1  | F8024    | Battery carrier ... ..                 | 1 |        |
| 2  | F8091    | Battery carrier, rubber tray ... ..    | 1 |        |
| 3  | F8033    | Battery carrier strap ... ..           | 1 |        |
| 4  | F8032    | Battery strap anchorage ... ..         | 1 |        |
| 5  | F8031    | Battery carrier rubber... ..           | 1 |        |
| 6  | F7431    | Vent pipe ... ..                       | 1 |        |
| 7  | F7892    | Circlip, vent pipe ... ..              | 1 |        |
| 8  | 99-0719  | Battery (PUZ5A) ... ..                 | 1 |        |
| 9  | F11537   | AIR CLEANER COMPLETE ... ..            | 1 | } TR6  |
| 10 | F5764    | Filter element (cloth or gauze) ... .. | 1 |        |
| 9  | F11536   | AIR CLEANER COMPLETE ... ..            | 1 | } T120 |
| 10 | F5764    | Filter element (coarse felt) ... ..    | 1 |        |
| 11 | 54938986 | Fuse assembly ... ..                   | 1 |        |
| 12 | F1369    | Bolt ( $\frac{5}{8}$ in. U.H.) ... ..  | 1 |        |
| 13 | F6883    | Inflator bracket ... ..                | 2 |        |
| 14 | S25-1    | Plain washer ... ..                    | 1 |        |
| 15 | 14-0301  | Nut ... ..                             | 1 |        |

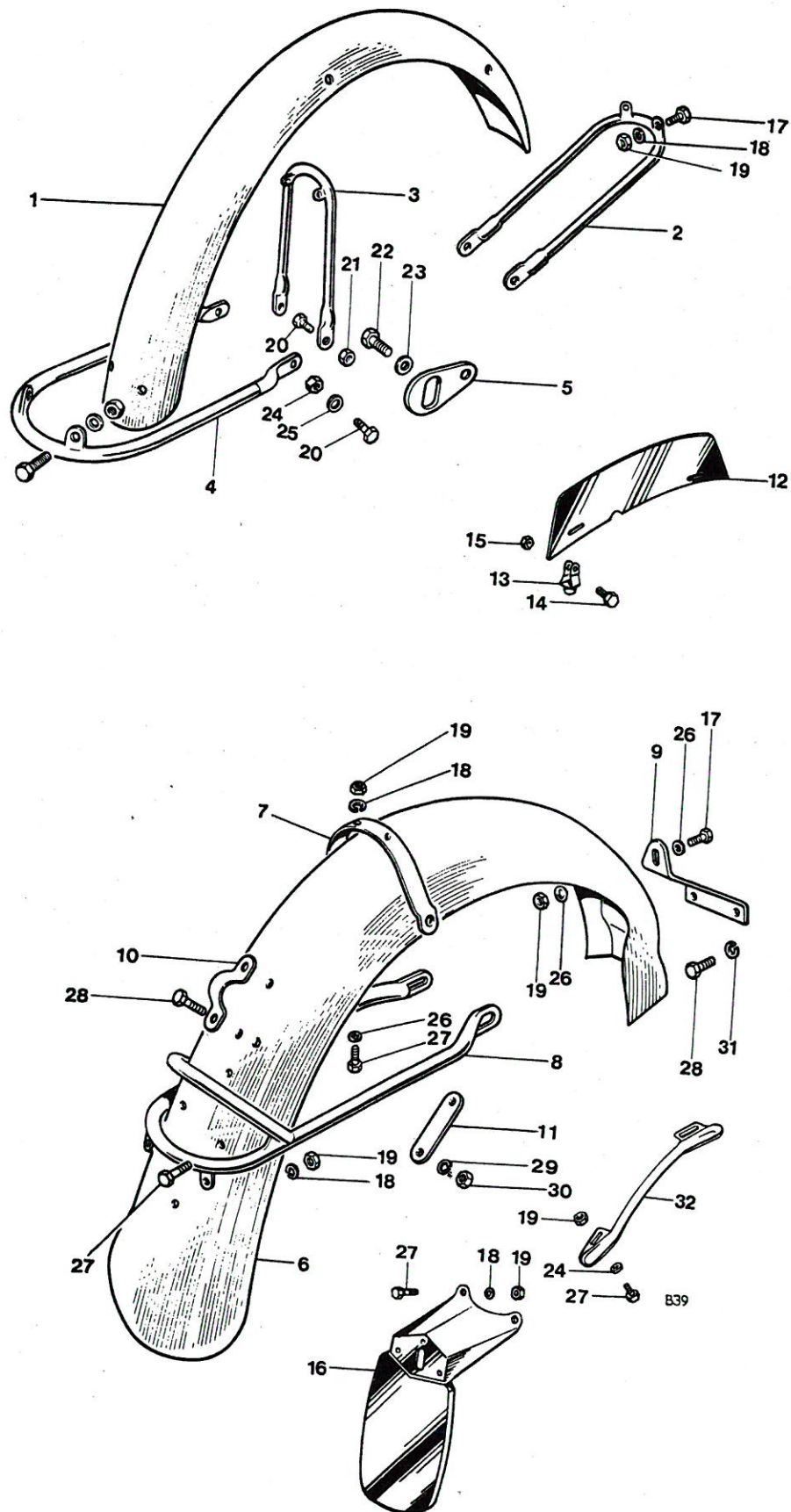
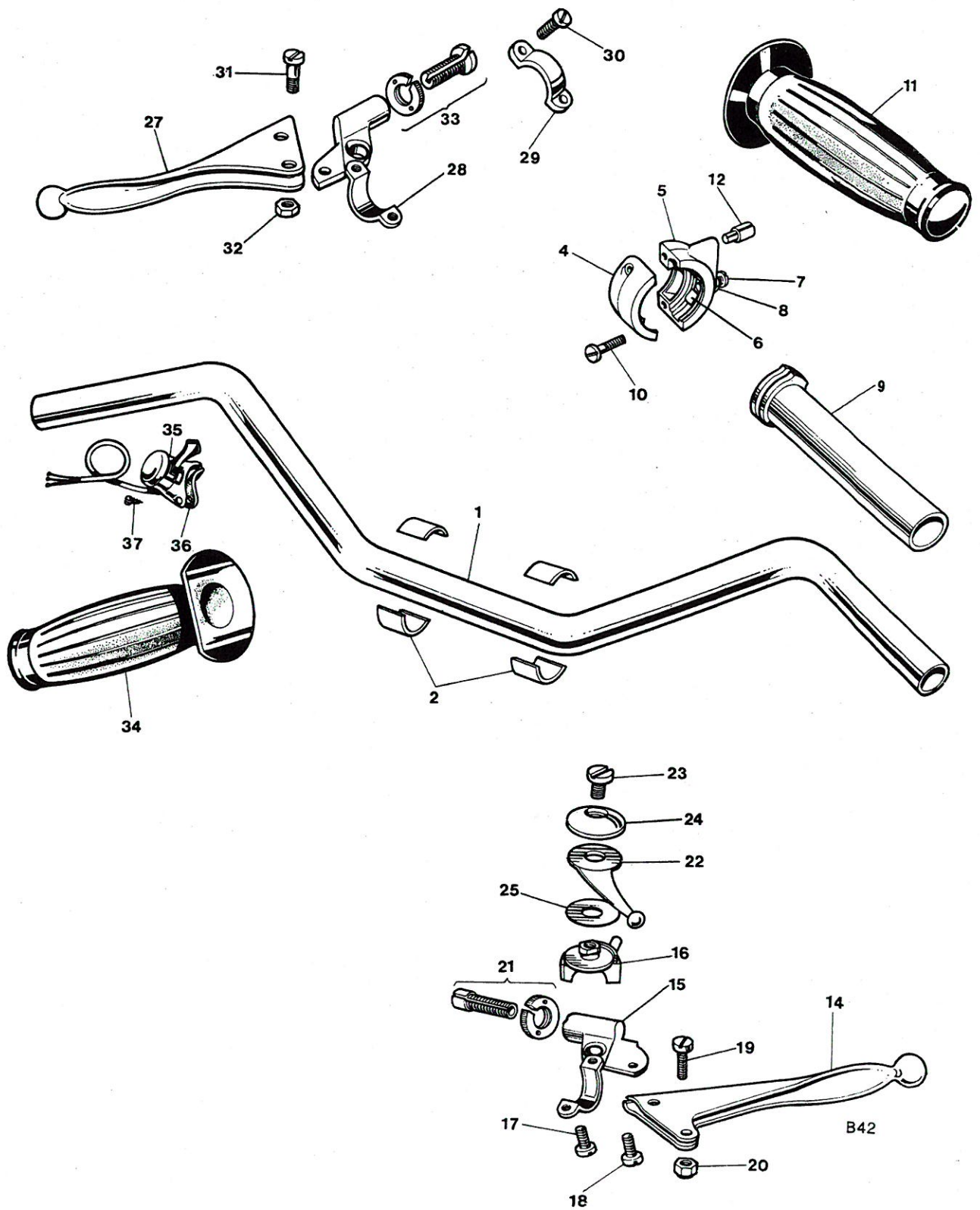


Fig. 25. MUDGUARDS







**Fig. 26. HANDLEBARS AND CONTROL LEVERS**

**HANDLEBARS AND CONTROL LEVERS**

|    |         |                                              |           |  |
|----|---------|----------------------------------------------|-----------|--|
| 1  | H1871   | Handlebar ... ..                             | 1         |  |
| 1  | H1870   | Western handlebar ... ..                     | Available |  |
| 2  | H1425   | Packing piece ... ..                         | 4         |  |
| 3  | 99-0248 | TWISTGRIP (16/364) ... ..                    | 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 | Locknut (16/010) ... ..                      | 1         |  |
| 9  | 99-0244 | Rotor (16/091) ... ..                        | 1         |  |
| 10 | 99-0225 | Screw (11/013) ... ..                        | 2         |  |
| 11 | H2125   | Grip ... ..                                  | 1         |  |
| 12 | 99-0241 | Cable stop (16/011) ... ..                   | 1         |  |
| 13 | D2241   | FRONT BRAKE AND AIR LEVER ASSEMBLY (18/978)  | 1         |  |
| 14 | 99-0262 | Brake lever (ball end) (18/754) ... ..       | 1         |  |
| 15 | 99-1093 | Lever bracket (19/001) ... ..                | 1         |  |
| 16 | 99-0234 | Control body (12/619) ... ..                 | 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 | 99-0630 | Backing rubber (380459) ... ..               | 1         |  |
| 37 | H1994   | Self-tapping screw (½ in. U.H.) ... ..       | 2         |  |

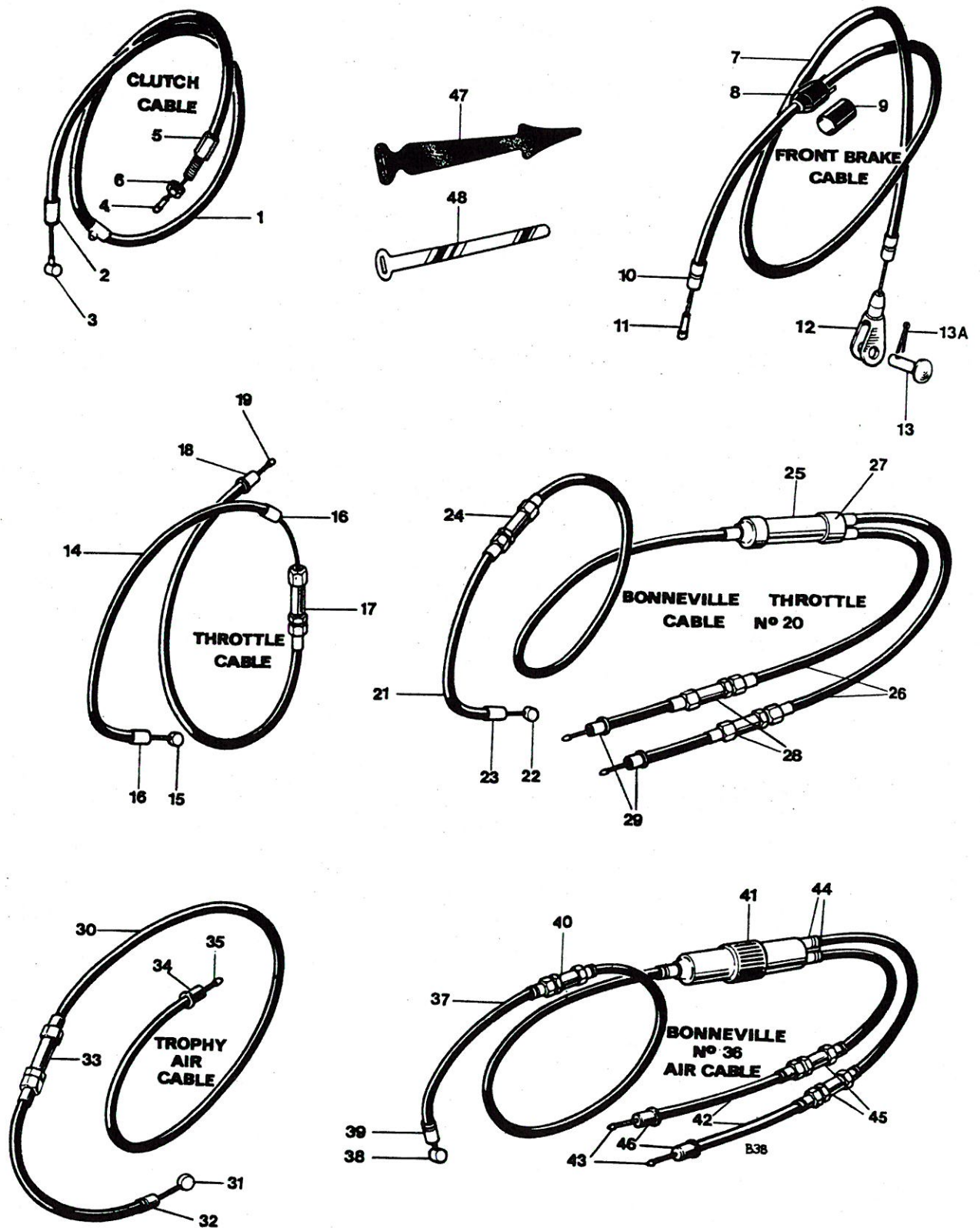


Fig. 27. CONTROL CABLES



| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|----------|-------------|----------|---------|
|----------|----------|-------------|----------|---------|

### CONTROL CABLES

|            |        |                                                     |     |     |     |     |     |     |                |            |
|------------|--------|-----------------------------------------------------|-----|-----|-----|-----|-----|-----|----------------|------------|
| 1          | D1993  | CLUTCH CABLE                                        | ... | ... | ... | ... | ... | ... | 1              |            |
| 2          | D103   | Ferrule                                             | ... | ... | ... | ... | ... | ... | 2              |            |
| 3          | D506   | Nipple (Handlebar end)                              | ... | ... | ... | ... | ... | ... | 1              |            |
| 4          | DS73   | Nipple                                              | ... | ... | ... | ... | ... | ... | 1              |            |
| 5          | D668   | Adjuster                                            | ... | ... | ... | ... | ... | ... | 1              |            |
| 6          | S672   | Nut ...                                             | ... | ... | ... | ... | ... | ... | 1              |            |
| 7          | D2077  | FRONT BRAKE CABLE                                   | ... | ... | ... | ... | ... | ... | 1              |            |
| 7          | D2076  | FRONT BRAKE CABLE (FOR WESTERN BARS)                | ... | ... | ... | ... | ... | ... | 1              |            |
| 8          | D2085  | Front stop switch                                   | ... | ... | ... | ... | ... | ... | 1              |            |
| 9          | D2086  | Cover for switch                                    | ... | ... | ... | ... | ... | ... | 1              |            |
| 10         | D103   | Ferrule                                             | ... | ... | ... | ... | ... | ... | 2              |            |
| 11         | D506   | Nipple (Handlebar end)                              | ... | ... | ... | ... | ... | ... | 1              |            |
| 12         | D638   | Fork end                                            | ... | ... | ... | ... | ... | ... | 1              |            |
| 13         | WF32   | Pivot pin                                           | ... | ... | ... | ... | ... | ... | 1              |            |
| 13A        | —      | Split pin ( $\frac{1}{16}$ in. x $\frac{3}{8}$ in.) | ... | ... | ... | ... | ... | ... | Reference only |            |
| 14         | D746   | THROTTLE CABLE                                      | ... | ... | ... | ... | ... | ... | 1              | TR6        |
| 15         | D83    | Nipple                                              | ... | ... | ... | ... | ... | ... | 1              |            |
| 16         | D101   | Ferrule                                             | ... | ... | ... | ... | ... | ... | 3              |            |
| 17         | D104   | Adjuster                                            | ... | ... | ... | ... | ... | ... | 1              |            |
| 18         | 6/132A | Ferrule)                                            | ... | ... | ... | ... | ... | ... | 1              |            |
| 19         | NS191  | Nipple                                              | ... | ... | ... | ... | ... | ... | 1              |            |
| 20         | D732   | THROTTLE CABLE                                      | ... | ... | ... | ... | ... | ... | 1              | T120       |
| 21         | D683   | CABLE, TWISTGRIP TO JUNCTION BLOCK                  | ... | ... | ... | ... | ... | ... | 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         | D733   | CABLE, JUNCTION BLOCK TO CARBURETTER                | ... | ... | ... | ... | ... | ... | 2              |            |
| Not illus. | NS191  | Nipple                                              | ... | ... | ... | ... | ... | ... | 2              | each cable |
| 27         | D101   | Ferrule                                             | ... | ... | ... | ... | ... | ... | 3              | each cable |
| 28         | D104   | Adjuster                                            | ... | ... | ... | ... | ... | ... | 1              | each cable |
| 29         | 6/132A | Ferrule                                             | ... | ... | ... | ... | ... | ... | 1              | each cable |
| 30         | D747   | AIR CONTROL CABLE                                   | ... | ... | ... | ... | ... | ... | 1              | TR6        |
| 31         | D83    | Nipple                                              | ... | ... | ... | ... | ... | ... | 1              |            |
| 32         | D101   | Ferrule                                             | ... | ... | ... | ... | ... | ... | 3              |            |
| 33         | D104   | Adjuster                                            | ... | ... | ... | ... | ... | ... | 1              |            |
| 34         | 6/132A | Ferrule                                             | ... | ... | ... | ... | ... | ... | 1              |            |
| 35         | NS191  | Nipple                                              | ... | ... | ... | ... | ... | ... | 1              |            |
| 36         | D1817  | AIR CONTROL CABLE                                   | ... | ... | ... | ... | ... | ... | 1              | T120       |
| 37         | D1818  | CABLE, LEVER TO JUNCTION BOX                        | ... | ... | ... | ... | ... | ... | 1              |            |
| 38         | D83    | Nipple                                              | ... | ... | ... | ... | ... | ... | 1              |            |
| 39         | D101   | Ferrule                                             | ... | ... | ... | ... | ... | ... | 4              |            |
| 40         | D104   | Adjuster                                            | ... | ... | ... | ... | ... | ... | 1              |            |
| Not illus. | NS191  | Nipple                                              | ... | ... | ... | ... | ... | ... | 1              |            |
| 41         | D685   | Junction box (244/104)                              | ... | ... | ... | ... | ... | ... | 1              |            |
| 42         | D684   | CABLE, JUNCTION BOX TO CARBURETTER                  | ... | ... | ... | ... | ... | ... | 2              |            |
| 43         | NS191  | Nipple                                              | ... | ... | ... | ... | ... | ... | 2              | each cable |
| 44         | D101   | Ferrule                                             | ... | ... | ... | ... | ... | ... | 3              | each cable |
| 45         | D104   | Adjuster                                            | ... | ... | ... | ... | ... | ... | 1              | each cable |
| 46         | 6/132A | Ferrule                                             | ... | ... | ... | ... | ... | ... | 1              | each cable |
| 47         | D343/7 | Clip, rubber                                        | ... | ... | ... | ... | ... | ... | as required    |            |
| 48         | XA69   | Clip, metal                                         | ... | ... | ... | ... | ... | ... | as required    |            |

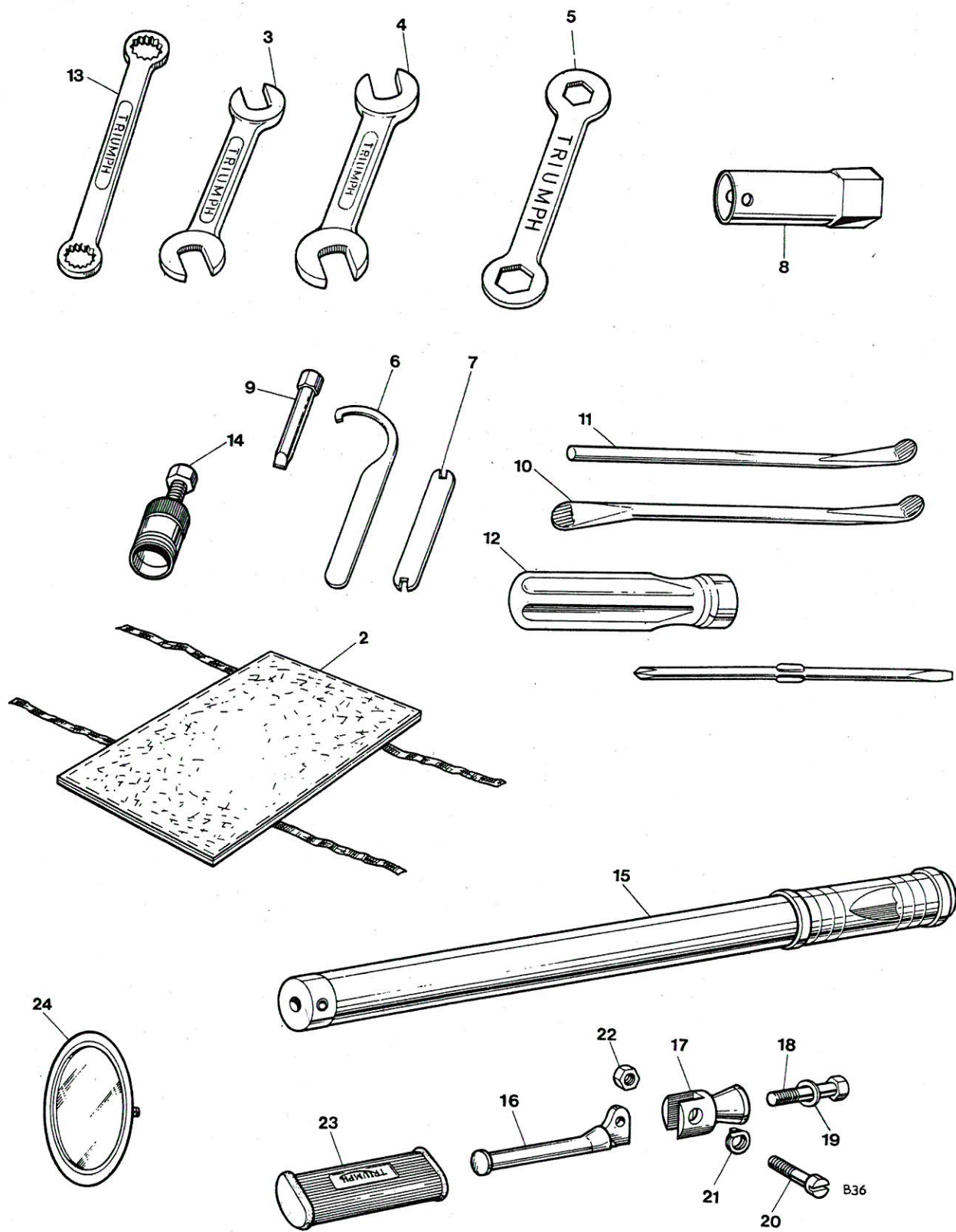


Fig. 28. TOOLKIT, PILLION FOOTRESTS AND LICENCE HOLDER

# **TOOLKIT, PILLION FOOTRESTS AND LICENCE HOLDER**

|    |         |                                                             |     |     |     |     |     |     |   |
|----|---------|-------------------------------------------------------------|-----|-----|-----|-----|-----|-----|---|
| 1  | D2109   | TOOLKIT COMPLETE                                            | ... | ... | ... | ... | ... | ... | 1 |
| 2  | D291    | Tool roll                                                   | ... | ... | ... | ... | ... | ... | 1 |
| 3  | D2084   | Open spanner, $\frac{1}{2}$ in. x $\frac{7}{16}$ in. A.F.   | ... | ... | ... | ... | ... | ... | 1 |
| 4  | DA16    | Open spanner, $\frac{3}{8}$ in. x $\frac{7}{16}$ in. Whit.  | ... | ... | ... | ... | ... | ... | 1 |
| 5  | D2251   | Ring spanner, $1\frac{1}{8}$ in. x $1\frac{5}{16}$ in. A.F. | ... | ... | ... | ... | ... | ... | 1 |
| 6  | D2184   | "C" spanner                                                 | ... | ... | ... | ... | ... | ... | 1 |
| 7  | D2185   | Tappet spanner                                              | ... | ... | ... | ... | ... | ... | 1 |
| 8  | D87     | Plug spanner                                                | ... | ... | ... | ... | ... | ... | 1 |
| 9  | D2108   | Screwdriver for chain tensioner                             | ... | ... | ... | ... | ... | ... | 1 |
| 10 | NA14A   | Tyre lever                                                  | ... | ... | ... | ... | ... | ... | 1 |
| 11 | D801    | Tyre lever and tommy bar                                    | ... | ... | ... | ... | ... | ... | 1 |
| 12 | D767    | Screwdriver                                                 | ... | ... | ... | ... | ... | ... | 1 |
| 13 | D370    | Ring spanner                                                | ... | ... | ... | ... | ... | ... | 1 |
| 14 | D1861   | Clutch hub extractor                                        | ... | ... | ... | ... | ... | ... | 1 |
| 15 | D296    | Tyre inflator                                               | ... | ... | ... | ... | ... | ... | 1 |
| —  | F9369   | PILLION FOOTREST                                            | ... | ... | ... | ... | ... | ... | 2 |
| 16 | F1694   | Pedal                                                       | ... | ... | ... | ... | ... | ... | 2 |
| 17 | F9370   | Hanger                                                      | ... | ... | ... | ... | ... | ... | 2 |
| 18 | S1910   | Bolt ( $\frac{13}{16}$ in. U.H.)                            | ... | ... | ... | ... | ... | ... | 2 |
| 19 | S26-1   | Washer                                                      | ... | ... | ... | ... | ... | ... | 2 |
| 20 | F9371   | Pivot bolt                                                  | ... | ... | ... | ... | ... | ... | 2 |
| 21 | F2277   | Thackeray (spring) washer                                   | ... | ... | ... | ... | ... | ... | 2 |
| 22 | 14-0302 | Nut                                                         | ... | ... | ... | ... | ... | ... | 2 |
| 23 | F1695   | Pedal rubber                                                | ... | ... | ... | ... | ... | ... | 2 |
| 24 | D261    | Licence holder c/w nut and washer                           | ... | ... | ... | ... | ... | ... | 1 |



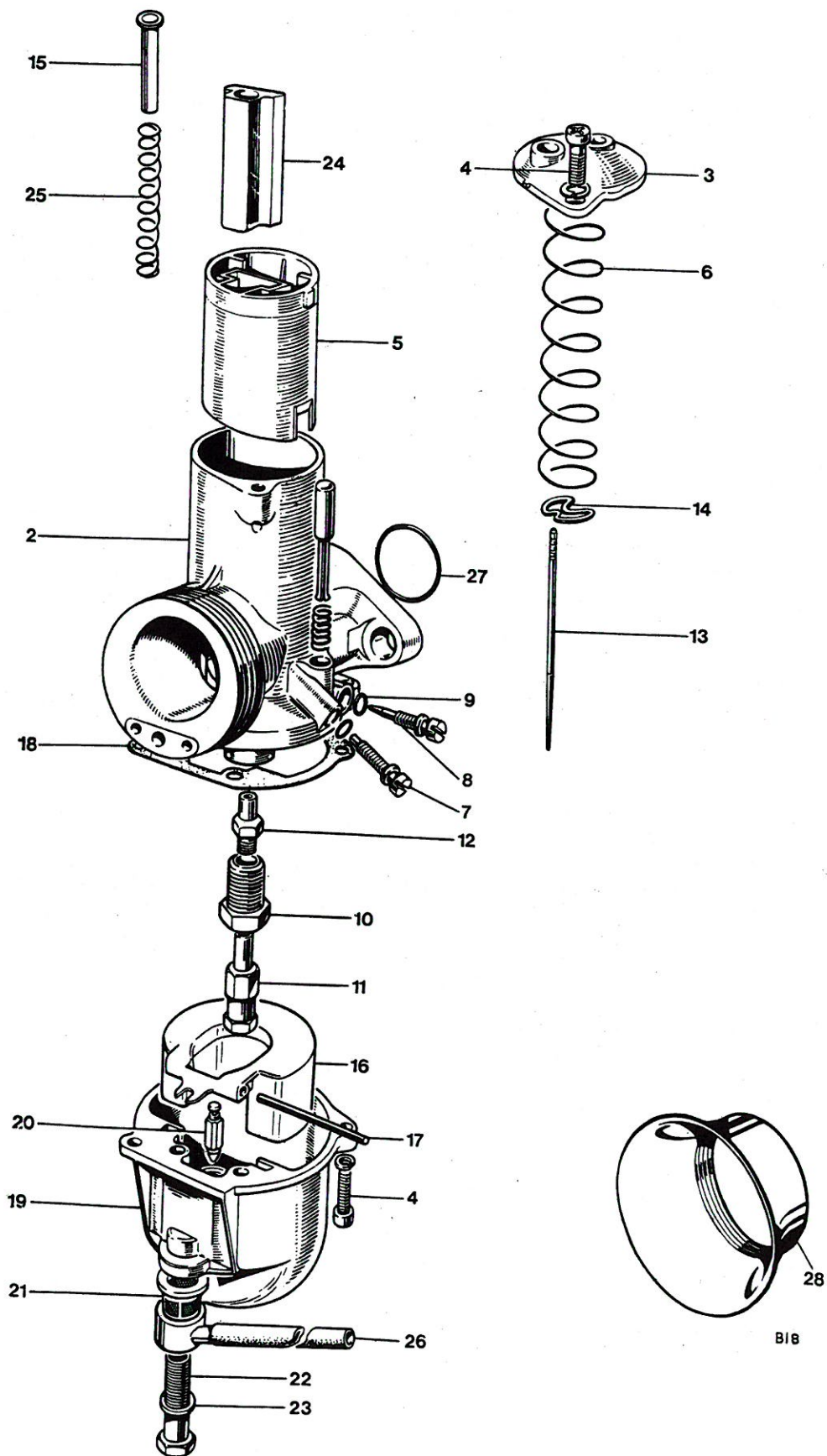


Fig. 29. AMAL CARBURETTER, TR6

| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|----------|-------------|----------|---------|
|----------|----------|-------------|----------|---------|

### AMAL CARBURETTER TR6

|    |                |                                       |     |     |     |           |
|----|----------------|---------------------------------------|-----|-----|-----|-----------|
| 1  | D770           | CARBURETTER (R930/23) LESS "O" RING   | ... | ... | ... | 1         |
| 2  | Reference only | Mixing chamber (930/005)              | ... | ... | ... | 1         |
| 3  | 99-1032        | Mixing chamber top (928/098)          | ... | ... | ... | 1         |
| 4  | 99-0521        | Screw (622/086)                       | ... | ... | ... | 1         |
| 5  | 99-0527        | Throttle valve (3½ cutaway) (928/060) | ... | ... | ... | 4         |
| 6  | 99-1033        | Throttle return spring (622/131)      | ... | ... | ... | 1         |
| 7  | 99-0516        | Throttle stop screw (622/077)         | ... | ... | ... | 1         |
| 8  | 99-0515        | Air adjusting screw (622/076)         | ... | ... | ... | 1         |
| 9  | 99-0520        | "O" ring (622/082)                    | ... | ... | ... | 1         |
| 10 | 99-1034        | Jet holder (622/128)                  | ... | ... | ... | 2         |
| 11 | 99-0450        | Main jet (230) (376/100)              | ... | ... | ... | 1         |
| 12 | 99-1035        | Needle jet (0-106) (622/122)          | ... | ... | ... | 1         |
| 13 | 99-1036        | Needle (622/124)                      | ... | ... | ... | 1         |
| 14 | 99-0510        | Needle clip (622/067)                 | ... | ... | ... | 1         |
| 15 | 99-1037        | Air valve guide sleeve (928/103)      | ... | ... | ... | 1         |
| 16 | 99-0512        | Float (622/069)                       | ... | ... | ... | 1         |
| 17 | 99-0513        | Float spindle (622/071)               | ... | ... | ... | 1         |
| 18 | 99-0514        | Joint washer (622/073)                | ... | ... | ... | 1         |
| 19 | 99-0506        | Float chamber (622/050)               | ... | ... | ... | 1         |
| 20 | 99-0511        | Float Needle (622/068)                | ... | ... | ... | 1         |
| 21 | 99-0438        | Filter (376/093)                      | ... | ... | ... | 1         |
| 22 | 99-0517        | Banjo bolt (622/078)                  | ... | ... | ... | 1         |
| 23 | 99-0437        | Fibre washer (376/092)                | ... | ... | ... | 1         |
| 24 | 99-0528        | Air slide (928/062)                   | ... | ... | ... | 1         |
| 25 | 99-1038        | Air slide spring (622/129)            | ... | ... | ... | 1         |
| 26 | F9271          | Petrol pipe                           | ... | ... | ... | 1         |
| 27 | E9711          | "O" ring                              | ... | ... | ... | 1         |
| 28 | 99-0530        | Air intake tube                       | ... | ... | ... | 1         |
|    |                |                                       | ... | ... | ... | Available |

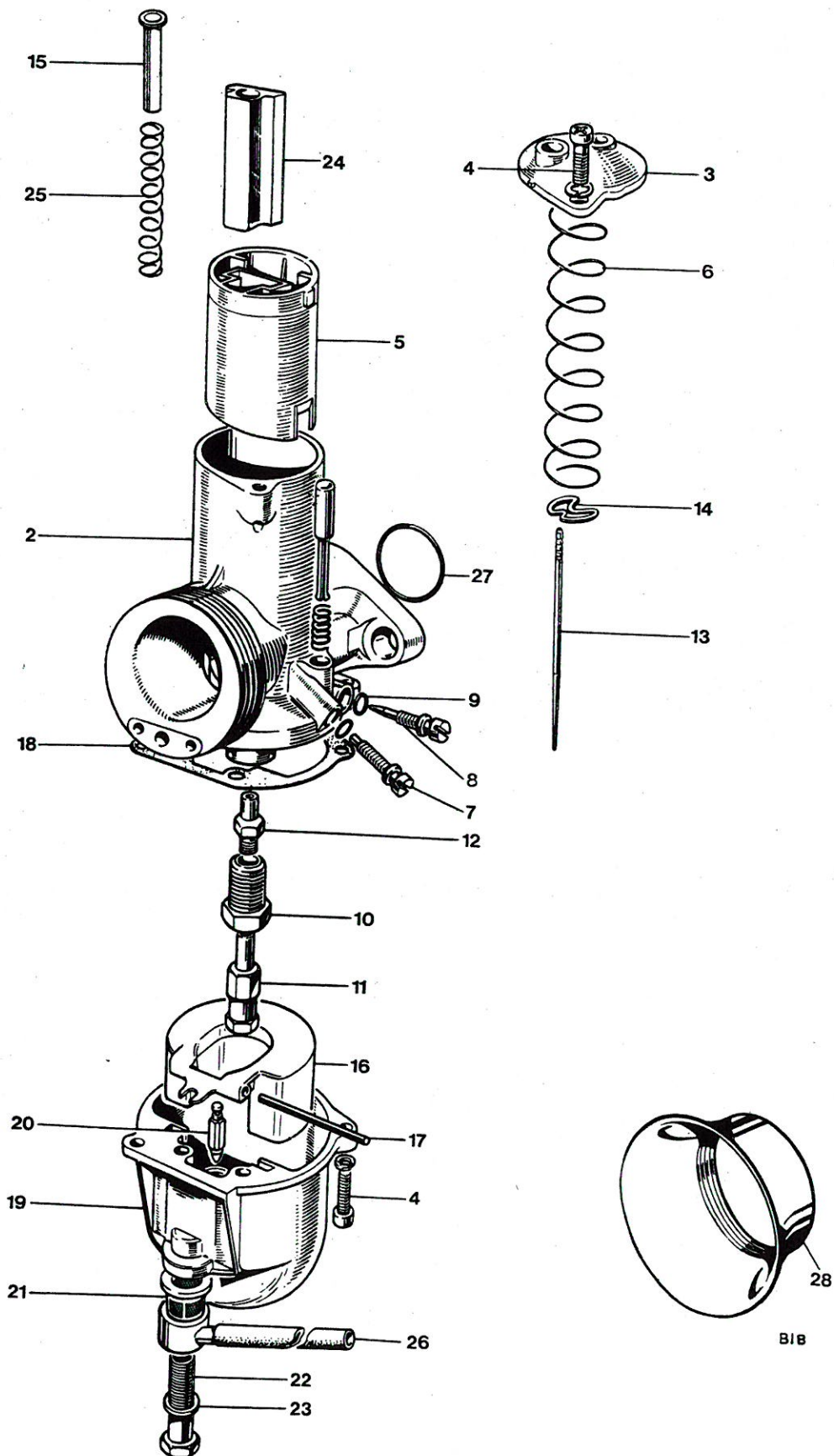


Fig. 30. AMAL CARBURETTER, T120



| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|----------|-------------|----------|---------|
|----------|----------|-------------|----------|---------|

### AMAL CARBURETTER T120

|    |                |                                          |                     |   |
|----|----------------|------------------------------------------|---------------------|---|
| 1  | D771           | CARBURETTER L.H. L930/10                 | } Less "O" ring ... | 1 |
| 1  | D772           | CARBURETTER R.H. R930/9                  |                     | 1 |
| 2  | Reference only | Mixing chamber ...                       |                     | 1 |
| 3  | 99-1032        | Mixing chamber top (928/098) ...         |                     | 1 |
| 4  | 99-521         | Screw (622/086) ...                      |                     | 4 |
| 5  | 99-0527        | Throttle valve (3 cutaway) (928/060) ... |                     | 1 |
| 6  | 99-1033        | Throttle return spring (622/131) ...     |                     | 1 |
| 7  | 99-0516        | Throttle stop screw (622/077) ...        |                     | 1 |
| 8  | 99-0515        | Air adjusting screw (622/076) ...        |                     | 1 |
| 9  | 99-0520        | "O" ring (622/082) ...                   |                     | 2 |
| 10 | 99-1034        | Jet holder (622/128) ...                 |                     | 1 |
| 11 | 99-0446        | Main jet (190) (376/100) ...             |                     | 1 |
| 12 | 99-1035        | Needle jet (0-106) (622/122) ...         |                     | 1 |
| 13 | 99-1036        | Needle (622/124) ...                     |                     | 1 |
| 14 | 99-0510        | Needle clip (622/067) ...                |                     | 1 |
| 15 | 99-1037        | Air valve guide sleeve (928/103) ...     |                     | 1 |
| 16 | 99-0512        | Float (622/069) ...                      |                     | 1 |
| 17 | 99-0513        | Float spindle (622/071) ...              |                     | 1 |
| 18 | 99-0514        | Joint washer (622/073) ...               |                     | 1 |
| 19 | 99-0506        | Float chamber (622/050) ...              |                     | 1 |
| 20 | 99-0511        | Needle (622/068) ...                     |                     | 1 |
| 21 | 99-0438        | Filter (376/093) ...                     |                     | 1 |
| 22 | 99-0517        | Banjo bolt (622/078) ...                 |                     | 1 |
| 23 | 99-0437        | Fibre washer (13/163) ...                |                     | 1 |
| 24 | 99-0528        | Air slide (928/062) ...                  |                     | 1 |
| 25 | 99-1038        | Air slide spring (622/129) ...           |                     | 1 |
| 26 | F8133          | Petrol pipe ...                          |                     | 1 |
| 27 | E9711          | "O" ring ...                             |                     | 2 |
| 28 | 99-0530        | Air intake tube (928/066) ...            |                     | 2 |

Each carburetter

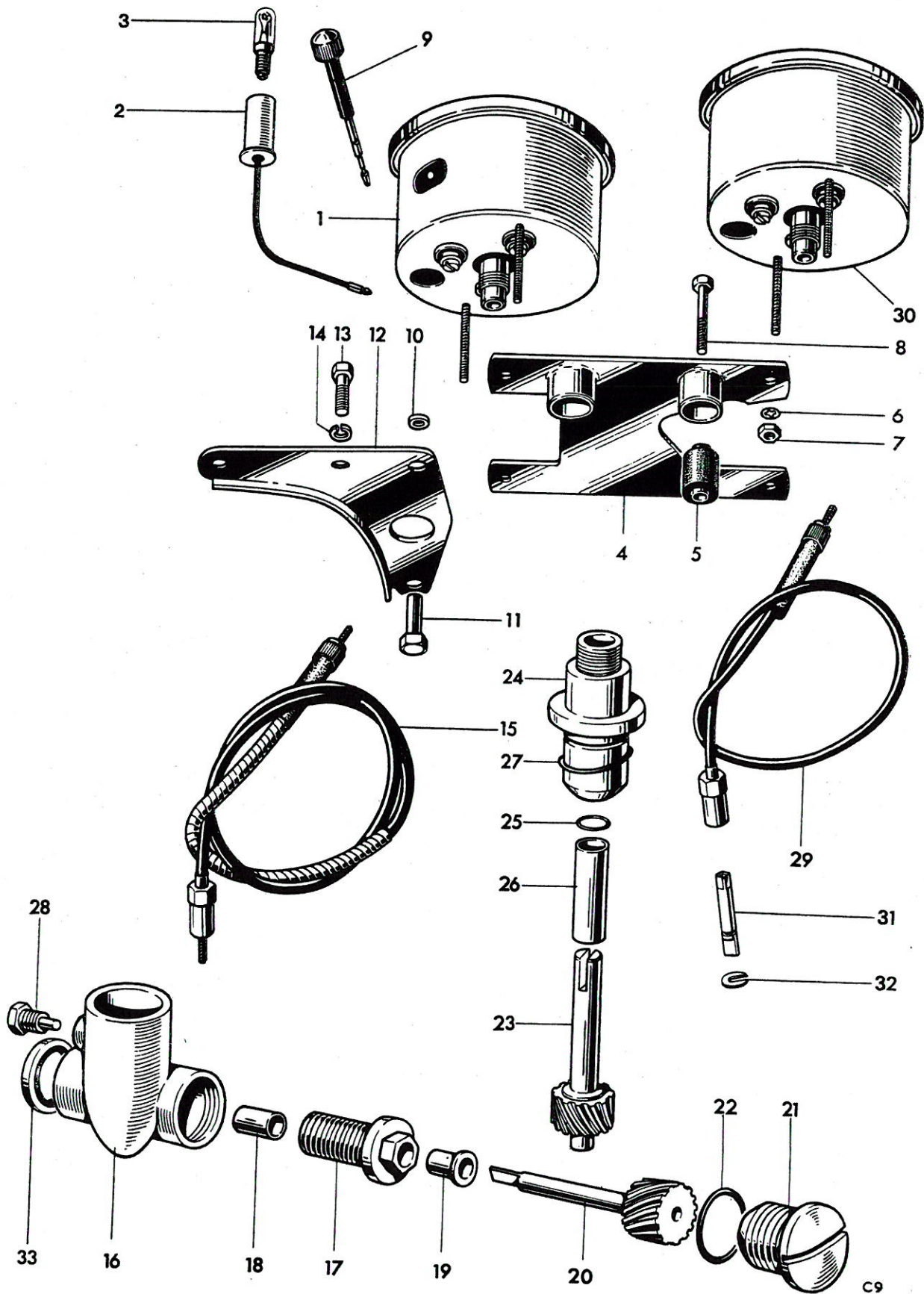


Fig. 31. SPEEDOMETER AND TACHOMETER

| Ref. No. | Part No. | DESCRIPTION | QUANTITY | REMARKS |
|----------|----------|-------------|----------|---------|
|----------|----------|-------------|----------|---------|

### SPEEDOMETER AND TACHOMETER

|    |                |                                             |     |     |     |     |   |                     |
|----|----------------|---------------------------------------------|-----|-----|-----|-----|---|---------------------|
| 1  | D1930          | Speedometer head MPH (SSM5001/06)           | ... | ... | ... | ... | 1 |                     |
| 1  | D2199          | Speedometer head KPH (SSM5001/12)           | ... | ... | ... | ... | 1 | Alternative         |
| 2  | 99-0695        | Bulb holder (554710)                        | ... | ... | ... | ... | 1 |                     |
| 3  | 643            | Bulb, 3.W. M.E.S.                           | ... | ... | ... | ... | 1 |                     |
| 4  | H1946          | MOUNTING BRACKET                            | ... | ... | ... | ... | 1 |                     |
| 5  | H1929          | Metalastik bush                             | ... | ... | ... | ... | 2 |                     |
| 6  | 30-282-014-11  | Washer                                      | ... | ... | ... | ... | 2 | Alternative         |
| 7  | 30-276-037-11  | Nut                                         | ... | ... | ... | ... | 2 |                     |
| 8  | S590           | Bolt (1 $\frac{3}{16}$ in. U.H.)            | ... | ... | ... | ... | 2 |                     |
| 9  | 41-148-203-10  | Trip control                                | ... | ... | ... | ... | 1 |                     |
| 10 | H1702          | Distance piece                              | ... | ... | ... | ... | 2 |                     |
| 11 | H1701          | Sleeve nut                                  | ... | ... | ... | ... | 2 |                     |
| 12 | H1668          | Bracket                                     | ... | ... | ... | ... | 1 | TR6, T120           |
| 13 | 14-0101        | Bolt ( $\frac{1}{2}$ in. U.H.)              | ... | ... | ... | ... | 2 |                     |
| 14 | S26-2          | Spring washer                               | ... | ... | ... | ... | 2 |                     |
| 15 | D609           | Speedometer cable (65 ins. long)            | ... | ... | ... | ... | 1 | Smiths<br>DF9110/00 |
| 16 | E9331          | TACHOMETER GEARBOX (Body E5758) L.H. thread | ... | ... | ... | ... | 1 |                     |
| 17 | E9332          | Securing screw, L.H. thread U.N.            | ... | ... | ... | ... | 1 |                     |
| 18 | Reference only | Bush                                        | ... | ... | ... | ... | 1 |                     |
| 19 | E5155          | 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 | Alternative         |
| 26 | Reference only | Bush                                        | ... | ... | ... | ... | 1 |                     |
| 27 | E3309          | "O" ring                                    | ... | ... | ... | ... | 1 |                     |
| 28 | E5881          | Set screw                                   | ... | ... | ... | ... | 1 |                     |
| 29 | D578           | Tachometer cable (28 in. long)              | ... | ... | ... | ... | 1 |                     |
| 30 | 99-0166        | Tachometer (RSM3003/01)                     | ... | ... | ... | ... | 1 |                     |
| 31 | 31-371-398     | Spade                                       | ... | ... | ... | ... | 1 |                     |
| 32 | D494           | Circlip                                     | ... | ... | ... | ... | 1 |                     |
| 33 | E7351          | Sealing washer                              | ... | ... | ... | ... | 1 |                     |



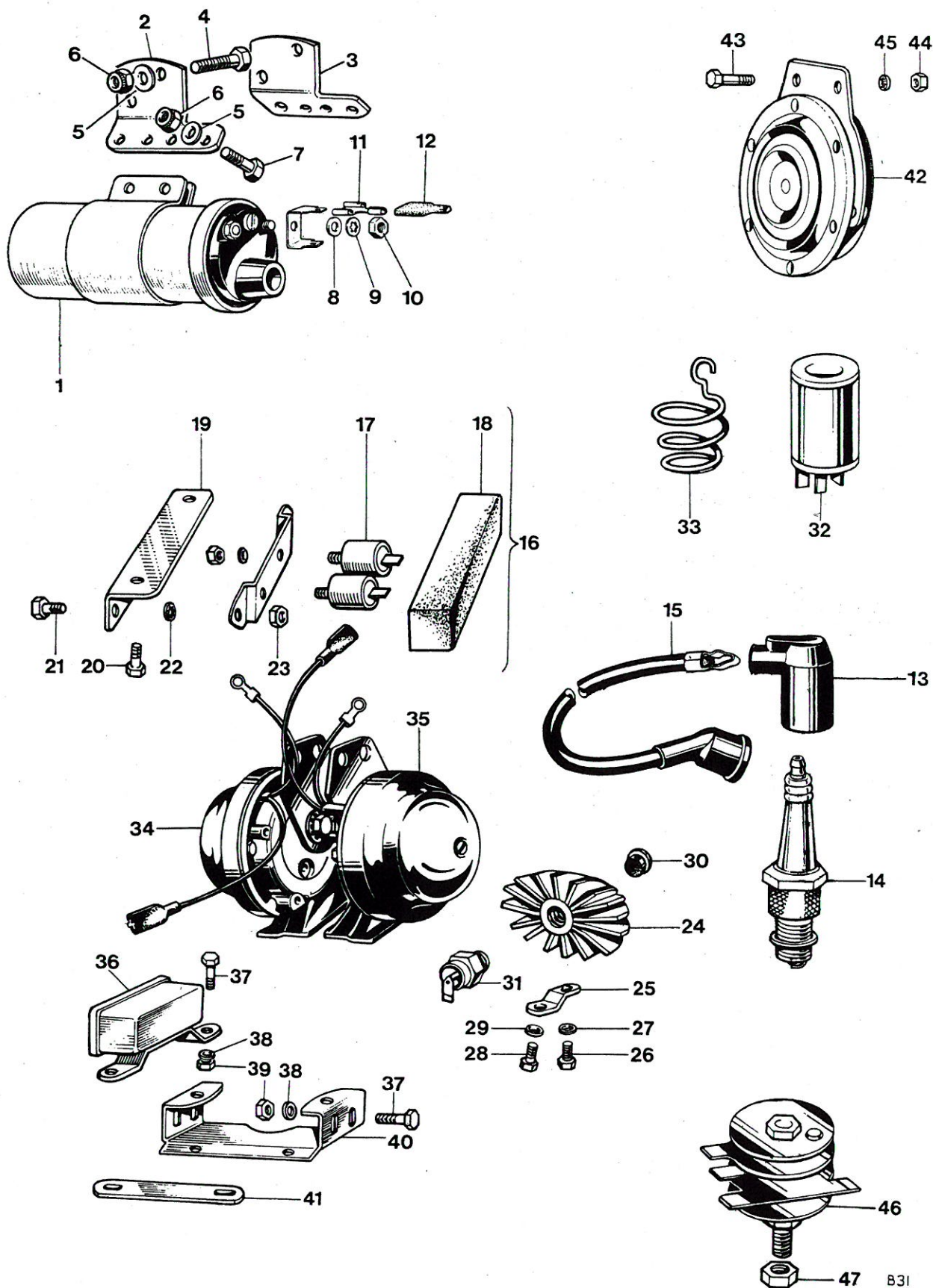


Fig. 32. IGNITION COILS, HORN, RECTIFIER AND ZENER DIODE

## IGNITION COILS, HORN, RECTIFIER AND ZENER DIODE

|    |          |                                         |     |     |     |     |   |             |
|----|----------|-----------------------------------------|-----|-----|-----|-----|---|-------------|
| 1  | D2206    | Ignition coil (45223) Lucas Type 17 M12 | ... | ... | ... | ... | 1 |             |
| 2  | F6943    | Coil bracket DS                         | ... | ... | ... | ... | 1 |             |
| 3  | F6944    | Coil bracket TS                         | ... | ... | ... | ... | 1 |             |
| 4  | 14-0102  | Bolt (bracket to frame)                 | ... | ... | ... | ... | 2 |             |
| 5  | T3673    | Plain washer                            | ... | ... | ... | ... | 6 |             |
| 6  | 14-1301  | Self locking nut                        | ... | ... | ... | ... | 6 |             |
| 7  | 14-0103  | Bolt (coil to bracket)                  | ... | ... | ... | ... | 2 |             |
| 8  | E2351    | Plain washer (131023)                   | ... | ... | ... | ... | 4 |             |
| 9  | GS299    | Serrated washer (188330)                | ... | ... | ... | ... | 4 |             |
| 10 | F3799    | Nut (166043)                            | ... | ... | ... | ... | 4 |             |
| 11 | 54942078 | Lucar connector                         | ... | ... | ... | ... |   | as required |
| 12 | 54190042 | Insulating cover                        | ... | ... | ... | ... |   | as required |
| 13 | D262     | Plug cap (Champion WC548)               | ... | ... | ... | ... | 2 |             |
| 14 | N3       | Champion sparking plug                  | ... | ... | ... | ... | 2 |             |
| 15 | D2209    | H.T. lead complete (resistive)          | ... | ... | ... | ... | 2 |             |
| 16 | 99-0588  | CONDENSOR PACK TYPE 2 CP. (47638)       | ... | ... | ... | ... | 1 |             |
| 17 | 99-1043  | Condensor (54420128)                    | ... | ... | ... | ... | 2 |             |
| 18 | 99-0767  | Rubber cover (54418528)                 | ... | ... | ... | ... | 1 |             |
| 19 | F8082    | Condensor pack bracket                  | ... | ... | ... | ... | 1 |             |
| 20 | E4638    | Screw, bracket to frame                 | ... | ... | ... | ... | 2 |             |
| 21 | S683     | Screw                                   | ... | ... | ... | ... | 2 |             |
| 22 | GS299    | Shakeproof washer                       | ... | ... | ... | ... | 4 |             |
| 23 | F3799    | Nut                                     | ... | ... | ... | ... | 4 |             |
| 24 | H2237    | Heat sink                               | ... | ... | ... | ... | 1 |             |
| 25 | H2365    | Bracket                                 | ... | ... | ... | ... | 1 |             |
| 26 | 14-6102  | Bolt ( $\frac{5}{8}$ in. U.H.)          | ... | ... | ... | ... | 1 |             |
| 27 | S26-2    | Washer                                  | ... | ... | ... | ... | 1 |             |
| 28 | 14-0113  | Bolt ( $\frac{5}{8}$ in. U.H.)          | ... | ... | ... | ... | 1 |             |
| 29 | S26-3    | Washer                                  | ... | ... | ... | ... | 1 |             |
| 30 | H2275    | Plug-heat sink                          | ... | ... | ... | ... | 1 |             |
| 31 | 99-0590  | Zener diode (49345)                     | ... | ... | ... | ... | 1 |             |
| 32 | 99-0737  | Capacitor (54170009)                    | ... | ... | ... | ... |   | Available   |
| 33 | 99-0778  | Capacitor mounting spring (54483156)    | ... | ... | ... | ... |   | Available   |
| 34 | D2256    | Horn R.H.                               | ... | ... | ... | ... | 1 | T120        |
| 35 | D2257    | Horn L.H.                               | ... | ... | ... | ... | 1 |             |
| 36 | 99-1027  | Horn relay (33188)                      | ... | ... | ... | ... | 1 |             |
| 37 | 14-0103  | Bolt                                    | ... | ... | ... | ... | 6 |             |
| 38 | S26-2    | Washer                                  | ... | ... | ... | ... | 6 |             |
| 39 | 14-0301  | Nut                                     | ... | ... | ... | ... | 6 |             |
| 40 | F11254   | Bracket                                 | ... | ... | ... | ... | 1 | TR6         |
| 41 | F7582    | Relay stay                              | ... | ... | ... | ... | 1 |             |
| 42 | 99-0612  | Horn, type 6H (70197)                   | ... | ... | ... | ... | 1 |             |
| 43 | F4771    | Screw ( $\frac{3}{8}$ in. U.H.)         | ... | ... | ... | ... | 2 |             |
| 44 | F3799    | Nut                                     | ... | ... | ... | ... | 3 |             |
| 45 | GS299    | Serrated washer                         | ... | ... | ... | ... | 3 |             |
| 46 | 99-0589  | Rectifier, type 2DS 506 (49072)         | ... | ... | ... | ... | 1 |             |
| 47 | F5338    | Nut (156596)                            | ... | ... | ... | ... | 1 |             |

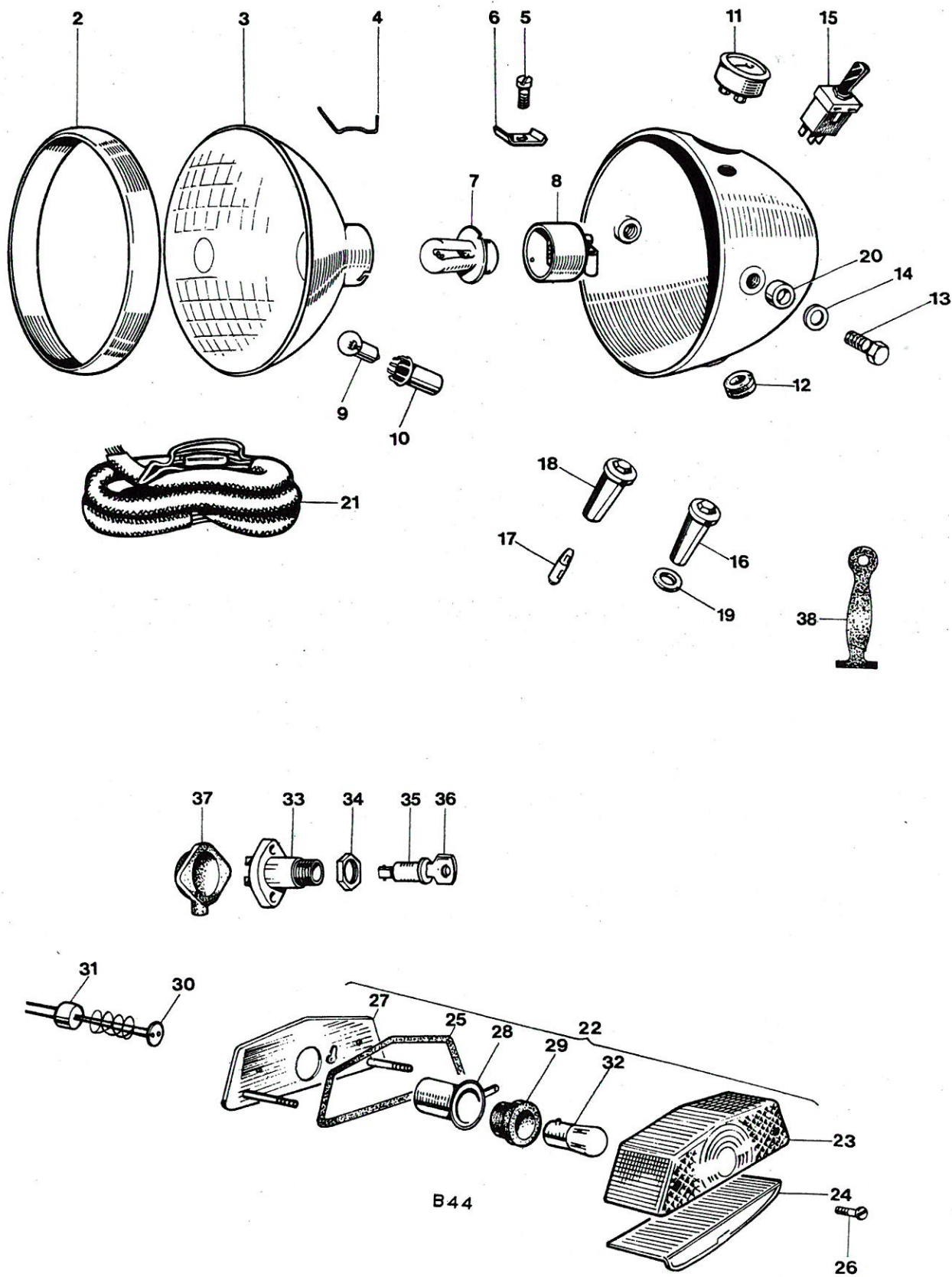


Fig. 33. HEADLAMP, WIRING HARNESS, SWITCHES AND TAIL LAMP



## HEADLAMP, WIRING HARNESS, SWITCHES AND TAIL LAMP

|    |          |                                        |     |     |     |     |                |
|----|----------|----------------------------------------|-----|-----|-----|-----|----------------|
| 1  | 99-0000  | HEADLAMP COMPLETE TYPE SS700P (59969)  | ... | ... | ... | 1   |                |
| 2  | 99-9692  | Rim (553248)                           | ... | ... | ... | 1   |                |
| 3  | 99-0686  | Light unit (516798)                    | ... | ... | ... | 1   |                |
| 4  | 99-0683  | Fixing wire (504665)                   | ... | ... | ... | 1   |                |
| 5  | 144921   | Screw                                  | ... | ... | ... | 6   |                |
| 6  | 99-0690  | Plate (534296)                         | ... | ... | ... | ... | Reference only |
| 7  | 99-0545  | Bulb (50/40W vert dip pre focus) (446) | ... | ... | ... | 1   |                |
| 8  | 99-1003  | Main bulbholder (554602)               | ... | ... | ... | 1   |                |
| 9  | 99-0548  | Bulb (6W MCC) (989)                    | ... | ... | ... | 1   |                |
| 10 | 99-0695  | Pilot bulbholder (54573590)            | ... | ... | ... | 1   |                |
| 11 | 99-1044  | Ammeter, type 2AR (36403)              | ... | ... | ... | 1   |                |
| 12 | 862217   | Grommet                                | ... | ... | ... | 1   |                |
| 13 | 112201   | Bolt                                   | ... | ... | ... | ... | Reference only |
| 14 | 137498   | Plain washer                           | ... | ... | ... | ... | Reference only |
| 15 | 99-0563  | Lighting switch (35710)                | ... | ... | ... | ... | Reference only |
| 16 | 99-0568  | Warning light body (red) (38189)       | ... | ... | ... | 1   |                |
| 17 | 99-0537  | Bulb (2W BA7S) (281)                   | ... | ... | ... | 1   |                |
| 18 | 99-0569  | Warning light body (green) (38191)     | ... | ... | ... | 2   |                |
| 19 | 54140331 | Sealing washer                         | ... | ... | ... | 1   |                |
| 20 | H1932    | Distance piece                         | ... | ... | ... | ... | Reference only |
| 21 | 99-1045  | Wiring harness (54957095)              | ... | ... | ... | 2   |                |
| 22 | 99-0595  | STOP AND TAIL LAMP, Type 564 (53454)   | ... | ... | ... | 1   |                |
| 23 | 573839   | Lens                                   | ... | ... | ... | 1   |                |
| 24 | 575200   | Window                                 | ... | ... | ... | ... | Reference only |
| 25 | 99-0703  | Lens seating gasket (575208)           | ... | ... | ... | ... | Reference only |
| 26 | 99-0704  | Sleeve nut (575219)                    | ... | ... | ... | 1   |                |
| 27 | 576002   | Base assembly                          | ... | ... | ... | 2   |                |
| 28 | 575209   | Bulbholder                             | ... | ... | ... | ... | Reference only |
| 29 | 99-0702  | Grommet (575207)                       | ... | ... | ... | ... | Reference only |
| 30 | 99-0701  | Contact assembly (573828)              | ... | ... | ... | 1   |                |
| 31 | 99-0700  | Grommet (573825)                       | ... | ... | ... | 1   |                |
| 32 | 99-0542  | Bulb (6/12W. Offset pin) (380)         | ... | ... | ... | 1   |                |
| 33 | 99-0558  | Ignition switch, type S45 (31899)      | ... | ... | ... | 2   |                |
| 34 | 54130041 | Nut                                    | ... | ... | ... | 1   |                |
| 35 | F6981    | IGNITION LOCK c/w KEYS                 | ... | ... | ... | ... | Reference only |
| 36 | D622     | Ignition key (state serial number)     | ... | ... | ... | 1   |                |
| 37 | H2262    | Ignition switch cover                  | ... | ... | ... | ... | As required    |
| 38 | D343/3   | Cable clip (rear lamp)                 | ... | ... | ... | 1   |                |



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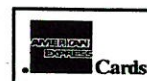
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