

20-10117AC



# **REPLACEMENT PARTS CATALOG**

## **1982 MODELS**

**BONNEVILLE T140 E2S**

**BONNEVILLE T140 LE ROYAL**

**BONNEVILLE T140 EX EXECUTIVE**



# British Only

MOTORCYCLES AND PARTS INC.

32451 PARK LANE

GARDEN CITY, MI 48135 USA

PHONE ORDER HOURS:

MONDAY THRU FRIDAY 10-6 EST

*Fax or email 24 hours a day!*

RETAIL: 734-421-0303  
WHOLESALE: 734-525-1980  
FAX: 734-422-9253  
EMAIL: [info@britishonly.com](mailto:info@britishonly.com)  
WEBSITE: [www.britishonly.com](http://www.britishonly.com)

## THE BIGGEST!

ENGINE REBUILDING PARTS  
GASKETS-SEALS-BEARINGS  
BUSHINGS-PISTONS-RINGS  
CLUTCHES-TUNE UP PARTS  
SPEED EQUIPMENT

## THE BEST!

STOCK AND CUSTOM PARTS  
SEATS-HANDLEBARS-CHAINS  
TIRES-TUBES-EXHAUST PIPES  
MUFFLERS-GAS TANKS-FENDERS  
RESTORATION PARTS

## THE ONLY!

WORLD'S LARGEST SELECTION OF FACTORY ORIGINAL NEW AND USED PARTS  
45,000 SQ. FT. OF MOTORCYCLE PARTS & ACCESSORIES FROM 1911 TO 1984 FOR ALL BRITISH MAKES!  
CASH FOR ALL BRITISH BIKES, PARTS AND LITERATURE

## CALL FOR OUR FREE 272 PAGE CATALOG!

OVERSEAS CUSTOMERS PLEASE SEND \$10.00 FOR AIR POST

## 1-800-BRT-ONLY

OR

## 1-800-278-6659

Visit our website!

[www.britishonly.com](http://www.britishonly.com)

— HYDE  
— AMAL  
— LUCAS  
— SMITHS  
— ROWE  
— HEPOLITE  
— MORGO  
— DUNLOP  
— RENOLD  
— MEGACYCLE  
— JOE HUNT  
— BOOKSTORE  
— NORVIL  
— MORGO  
— BARNETT  
— JP PISTONS  
— ALPHA

50,000+ PARTS LISTED ONLINE  
9,000+ PARTS VIEWABLE ONLINE

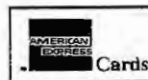
SPECIALIZING IN

### TRIUMPH

### Norton

### BSA

PARTS  
SHIPPED  
WORLDWIDE!



*V.I.P. Buyers Club*  
**SAVE 10% OR MORE  
ON 17,000+ PARTS**



## British Only E-Store

Bookstore  
New Products  
Scratch & Dent  
Blue Light Specials

50,000+ PARTS  
LISTED ONLINE  
9,000+ PARTS  
VIEWABLE ONLINE



# British Only

MOTORCYCLES AND PARTS INC.

32451 PARK LANE

GARDEN CITY, MI 48135 USA

PHONE ORDER HOURS:

MONDAY THRU FRIDAY 10-6 EST

*Fax or email 24 hours a day!*

RETAIL: 734-421-0303  
WHOLESALE: 734-525-1980  
FAX: 734-422-9253  
EMAIL: [info@britishonly.com](mailto:info@britishonly.com)  
WEBSITE: [www.britishonly.com](http://www.britishonly.com)

## THE BIGGEST!

ENGINE REBUILDING PARTS  
GASKETS-SEALS-BEARINGS  
BUSHINGS-PISTONS-RINGS  
CLUTCHES-TUNE UP PARTS  
SPEED EQUIPMENT

## THE BEST!

STOCK AND CUSTOM PARTS  
SEATS-HANDLEBARS-CHAINS  
TIRES-TUBES-EXHAUST PIPES  
MUFFLERS-GAS TANKS-FENDERS  
RESTORATION PARTS

## THE ONLY!

— HYDE  
— AMAL  
— LUCAS  
— SMITHS  
— ROWE  
— HEPOLITE  
— MORGO  
— DUNLOP  
— RENOLD  
— MEGACYCLE  
— JOE HUNT  
— BOOKSTORE  
— NORVIL  
— MORGO  
— BARNETT  
— JP PISTONS  
— ALPHA

## CALL FOR OUR FREE 272 PAGE CATALOG!

OVERSEAS CUSTOMERS PLEASE SEND \$10.00 FOR AIR POST

## 1-800-BRT-ONLY

OR

## 1-800-278-6659

Visit our website!

[www.britishonly.com](http://www.britishonly.com)

50,000+ PARTS LISTED ONLINE  
9,000+ PARTS VIEWABLE ONLINE

SPECIALIZING IN

### TRIUMPH

### Norton

### BSA

PARTS  
SHIPPED  
WORLDWIDE!



WORLD'S LARGEST SELECTION OF FACTORY ORIGINAL NEW AND USED PARTS  
45,000 SQ. FT. OF MOTORCYCLE PARTS & ACCESSORIES FROM 1911 TO 1984 FOR ALL BRITISH MAKES!  
CASH FOR ALL BRITISH BIKES, PARTS AND LITERATURE

## V.I.P. Buyers Club

**SAVE 10% OR MORE  
ON 17,000+ PARTS**



## British Only E-Store

Bookstore  
New Products  
Scratch & Dent  
Blue Light Specials

50,000+ PARTS  
LISTED ONLINE  
9,000+ PARTS  
VIEWABLE ONLINE



## INTRODUCTION

### ENGINE AND FRAME NUMBERS

The engine number is located on the left side of the engine, immediately below the cylinder barrel to crank-case flange.

The frame number is located on the left side of the frame headlug, beneath the fork top lug and forward of the gasoline tank.

Both the engine and frame number should be quoted in full in any correspondence relating to the machine.



# INDEX

|                           | Page  |                               | Page  |
|---------------------------|-------|-------------------------------|-------|
| Air Cleaner               | 71    | Handlebar                     | 77    |
| Amplifier Unit            | 85    | Headlamp                      | 87    |
|                           |       | High Tension Cable            | 85    |
|                           |       | Horn                          | 85    |
| Battery                   | 87    |                               |       |
| Battery Carrier           | 87    | Ignition Switch               | 87    |
| Breather Pipes            | 49    | Ignition Coils                | 85    |
|                           |       | Ignition Amplifier            | 85    |
| Caliper                   | 63    |                               |       |
| Camshaft, Inlet & Exhaust | 9     | Kickstarter                   | 35    |
| Carburetor                | 23,25 |                               |       |
| Center Stand              | 43    | Master Cylinder - Front       | 57,59 |
| Chains                    | 39    | Master Cylinder - Rear        | 63    |
| Chaincase                 | 39    | Motor Mount Plates            | 47    |
| Clutch                    | 37    | Motor Unit Fittings           | 47    |
| Clutch Lever Assy         | 77    |                               |       |
| Coil & Tool Tray Assy     | 85    | Neutral Switch                | 31    |
| Connecting Rods           | 9,11  |                               |       |
| Control Cables            | 79    | Oil Pump                      | 17    |
| Control Levers            | 77    | Oil Pipes                     | 49    |
| Crankcase                 | 13,15 | Oil Pressure Release Valve    | 17    |
| Crankshaft                | 9,11  |                               |       |
| Cylinders                 | 19,21 | Pistons, Oversize & Ring Sets | 11    |
| Cylinder Head             | 19,21 | Pistons                       | 9     |
|                           |       | Pulse Sensor                  | 27,29 |
| Exhaust Pipes             | 41    | Push Rods                     | 19,21 |
| Executive Equipment       | 90    | Petrol Pipe                   | 22    |
|                           |       |                               |       |
| Fenders                   | 73    | Rear Brake                    | 63,65 |
| Flasher Lamps             | 87    | Rear Wheel                    | 61    |
| Flywheel                  | 9     | Rectifier                     | 85    |
| Footrests                 | 47    | Reflector                     | 85    |
| Frame                     | 43    | Reservoir, Master Cyl. Rear   | 65    |
| Front Brake               | 57,59 | Rocker Arms                   | 19,21 |
| Front Forks               | 51,53 |                               |       |
| Front Wheel               | 55    | Seat                          | 67    |
| Fuel Valve                | 69    | Side Panels                   | 71    |
|                           |       | Side Stand                    | 43    |
| Gasket Sets               | 21    | Silencer (Muffler)            | 44    |
| Gas Tank                  | 69    | Solenoid                      | 89    |
| Gearbox Inner Cover       | 31    |                               |       |
| Gearbox Shafts & Gears    | 33    |                               |       |
| Gearbox Outer Cover       | 35    |                               |       |
| Grab Rail                 | 77    |                               |       |



## INDEX

|                      | Page  |
|----------------------|-------|
| Spark Plug           | 85    |
| Speedometer          | 83    |
| Speedo Gearbox       | 61    |
| Suspension Units     | 45    |
| Swinging Arm         | 45    |
| Switches             | 77    |
| Service Tools        | 7     |
|                      |       |
| Tachometer (Gearbox) | 83    |
| Tail Light Assy      | 75    |
| Tappets              | 19,21 |
| Timing Cover         | 27,29 |
| Timing Gears         | 9     |
| Toolkit              | 81    |



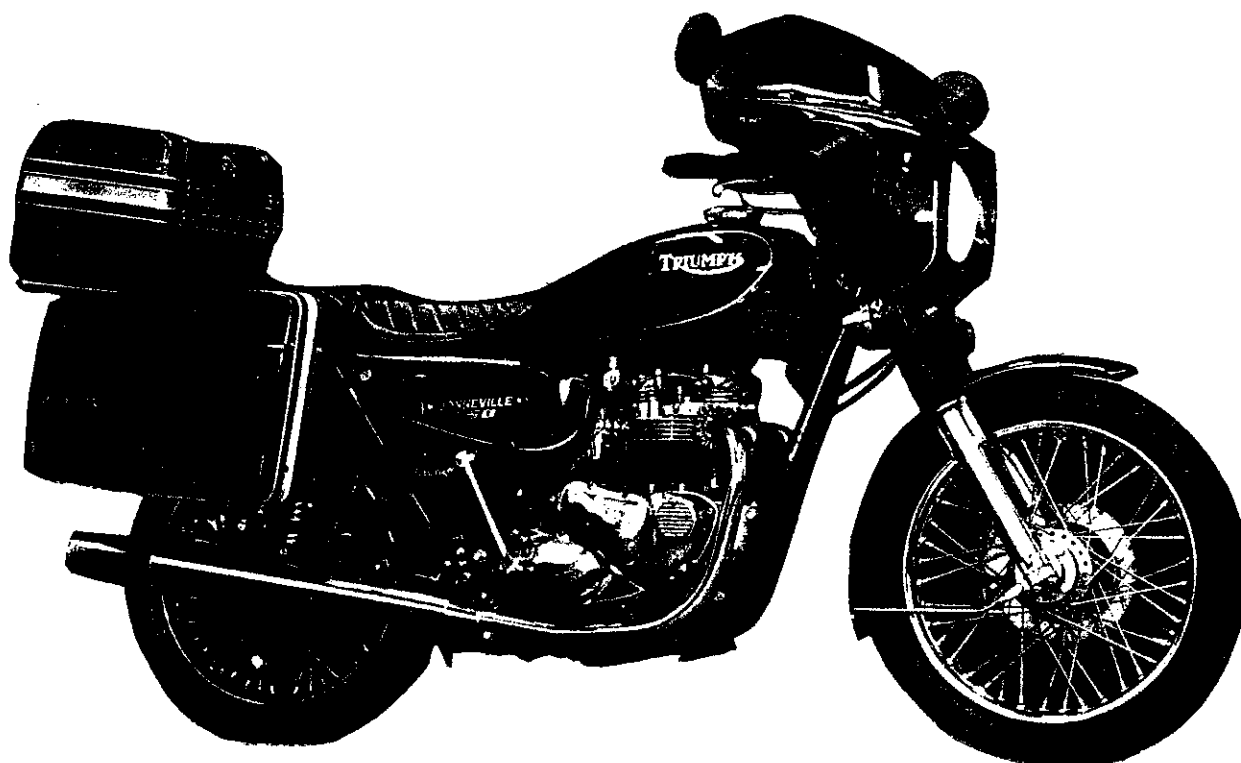
## BONNEVILLE (T140E2S) TECHNICAL DATA

|                   |                                   |
|-------------------|-----------------------------------|
| Bore & Stroke     | 76x82mm/2.992x3.228ins.           |
| Capacity          | 747cc/45 cu. ins.                 |
| Compression Ratio | 7.9:1                             |
| Spark Plugs       | Champion N5                       |
| Carburetor        | Bing Constant Velocity            |
|                   | Main Jet 145                      |
|                   | Needle Jet 2,64                   |
|                   | Needle #1                         |
|                   | Throttle Valve #3                 |
| Gearbox Sprocket  | 20 Teeth                          |
| Chains            | Triplex 3/8 in. x 84 links        |
|                   | Rear 5/8 in. x 3/8 in x 106 links |
| Capacities        | Fuel Tank 4.8 U.S. Gal.           |
|                   | Oil Tank 4 Pints                  |
|                   | Gearbox 7/8 Pint (500cc)          |
|                   | Front Forks 1/3 Pint (190cc)      |
| Tyre Size         | Front 4.10 x 19                   |
|                   | Rear 4.25 x 18                    |
| Colors            | Smokey Misty Red                  |
|                   | Smokey Astral Blue                |



## BONNEVILLE ROYAL (T140LE) TECHNICAL DATA

|                   |                               |
|-------------------|-------------------------------|
| Bore & Stroke     | 76x82mm/2.992x3.228 ins.      |
| Capacity          | 747cc/45 cu. ins.             |
| Compression Ratio | 7.9:1                         |
| Spark Plugs       | Champion N5                   |
| Carburetor        | Bing Constant Velocity        |
|                   | 145                           |
|                   | 2,64                          |
|                   | #1                            |
|                   | #3                            |
|                   | 20 Teeth                      |
| Gearbox Sprocket  | Triplex 3/8 in. x 84 links    |
| Chains            | 5/8 in. x 3/8 in. x 106 links |
| Capacities        | 4.8 U.S. Gal.                 |
|                   | 4 Pints                       |
|                   | 7/8 Pint (500cc)              |
|                   | 1/3 Pint (190cc)              |
| Tyre Size         | 4.10 x 19                     |
|                   | 4.25 x 18                     |
| Color             | Black/Gold Line               |



## BONNEVILLE EXECUTIVE (T140EX) TECHNICAL DATA

|                   |                                    |
|-------------------|------------------------------------|
| Bore & Stroke     | 76x82mm/2.992x3.228 ins.           |
| Capacity          | 747cc/45 cu. ins.                  |
| Compression Ratio | 7.9:1                              |
| Spark Plugs       | Champion N5                        |
| Carburetor        | Bing Constant Velocity             |
|                   | Main Jet 145                       |
|                   | Needle Jet 2,64                    |
|                   | Needle #1                          |
|                   | Throttle Valve #3                  |
| Gearbox Sprocket  | 20 Teeth                           |
| Chains            | Front Triplex 3/8 in. x 84 links   |
|                   | Rear 5/8 in. x 3/8 in. x 106 links |
| Capacities        | Fuel Tank 4.8 U.S. Gal.            |
|                   | Oil Tank 4 Pints                   |
|                   | Gearbox 7/8 Pint (500cc)           |
|                   | Front Forks 1/3 Pint (190cc)       |
| Tyre Size         | Front 4.10 x 19                    |
|                   | Rear 4.25 x 18                     |
| Color             | Smokey Candy Apple Red             |



## HOW TO USE THIS PARTS CATALOGUE

First Consult the index on Page 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.

### 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. WHERE COMPONENTS ARE COMMON TO ALL MODELS ONLY ONE COLUMN APPEARS UNDER QUANTITY.

### SPECIAL WORKSHOP TOOLS

A COMPLETE LIST OF WORKSHOP TOOLS CAN BE MADE AVAILABLE BY CONTACTING YOUR DEALER. 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 PURCHASE 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.

## ESSENTIAL SERVICE TOOLS

| Part No. | Description                           |
|----------|---------------------------------------|
| 61-3768  | Clutch Locking Tool                   |
| 61-6008  | Punch, Tappet Guide Block             |
| 61-6019  | Extractor, Pinion C/Shaft             |
| 61-6063  | Removal/Replacement Tool, Valve Guide |
| 61-6113  | Fork Damper Tool                      |
| 61-6117  | Bush Extractor, S/Arm                 |
| 61-6121  | Head Race Drift                       |
| 61-6125  | Spanner, G/Box                        |
| 61-6132  | Extractor, Cam Wheel                  |
| 61-6135  | Piston Ring Clamp                     |
| 61-7010  | Torque Tool Adaptor                   |
| 61-7011  | Gearbox Assy Tool                     |
| 61-7012  | Chain Adjuster Tool                   |
| 61-7013  | Oil Seal Compressor                   |
| 61-7014  | Extractor Tool, Clutch Hub            |
| 61-7017  | Extractor, M/Brg.                     |
| 61-7019  | Oil Seal Compressor                   |
| 61-7022  | Locator Tool Assy TDC                 |
| 61-7023  | Cam Extractor 6CA                     |
| 61-7024  | Peg Spanner                           |
| 61-7025  | Valve Seat Cutter                     |
| 61-7027  | Blending Cutter                       |
| 61-7029  | Arbor, Pilot & Tommy Bars             |
| 61-7035  | Crankshaft Bal. Weights (689 grams)   |
| 61-7043  | Cam Wheel Replacement Tool            |

## PUBLICATIONS AVAILABLE

Owner Handbook

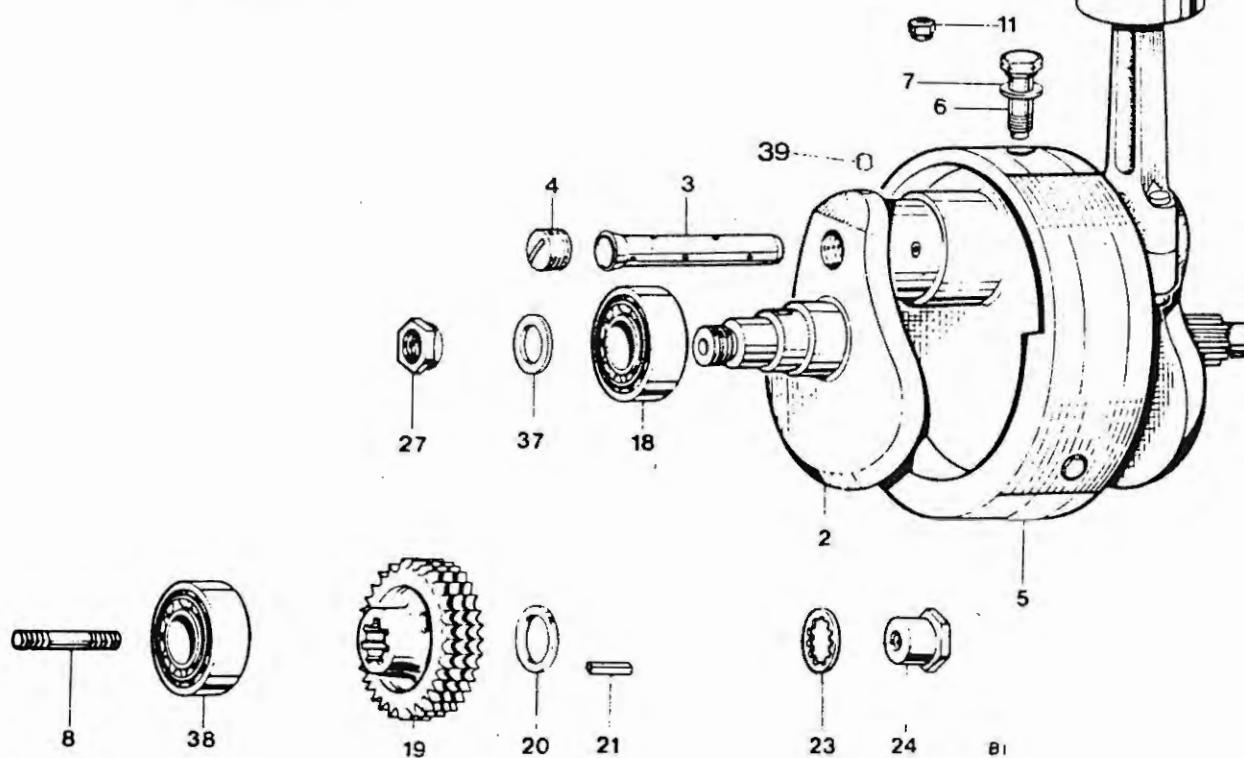
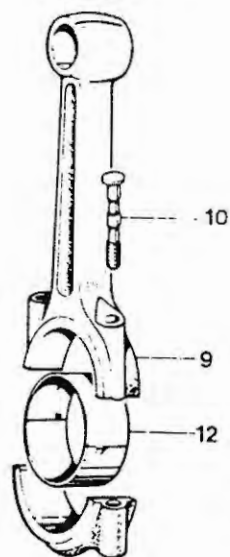
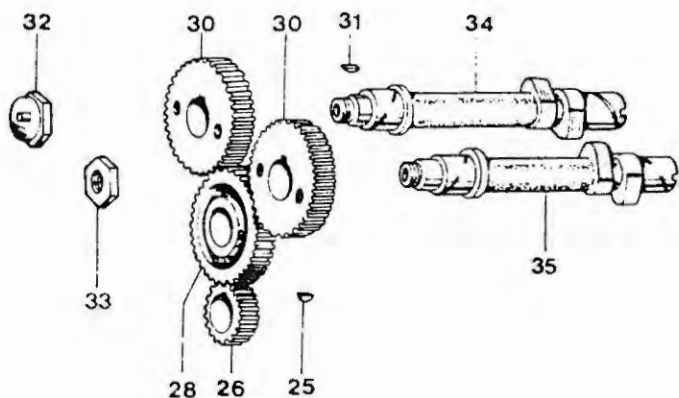
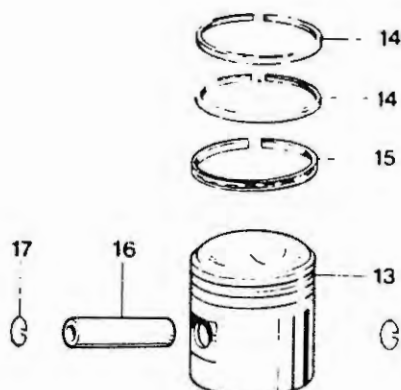
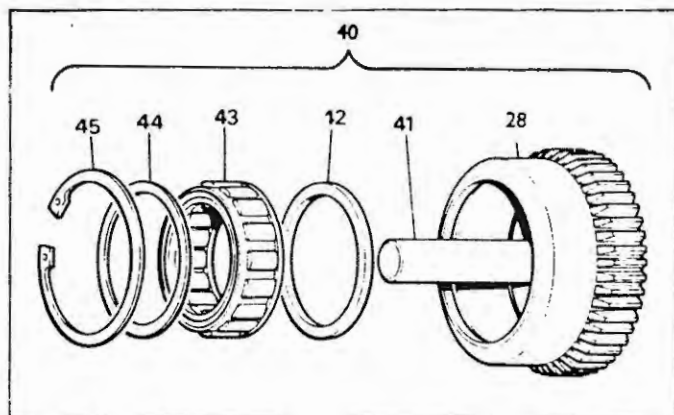
60-7396

Workshop Manual

99-0983A

Replacement Parts Catalog

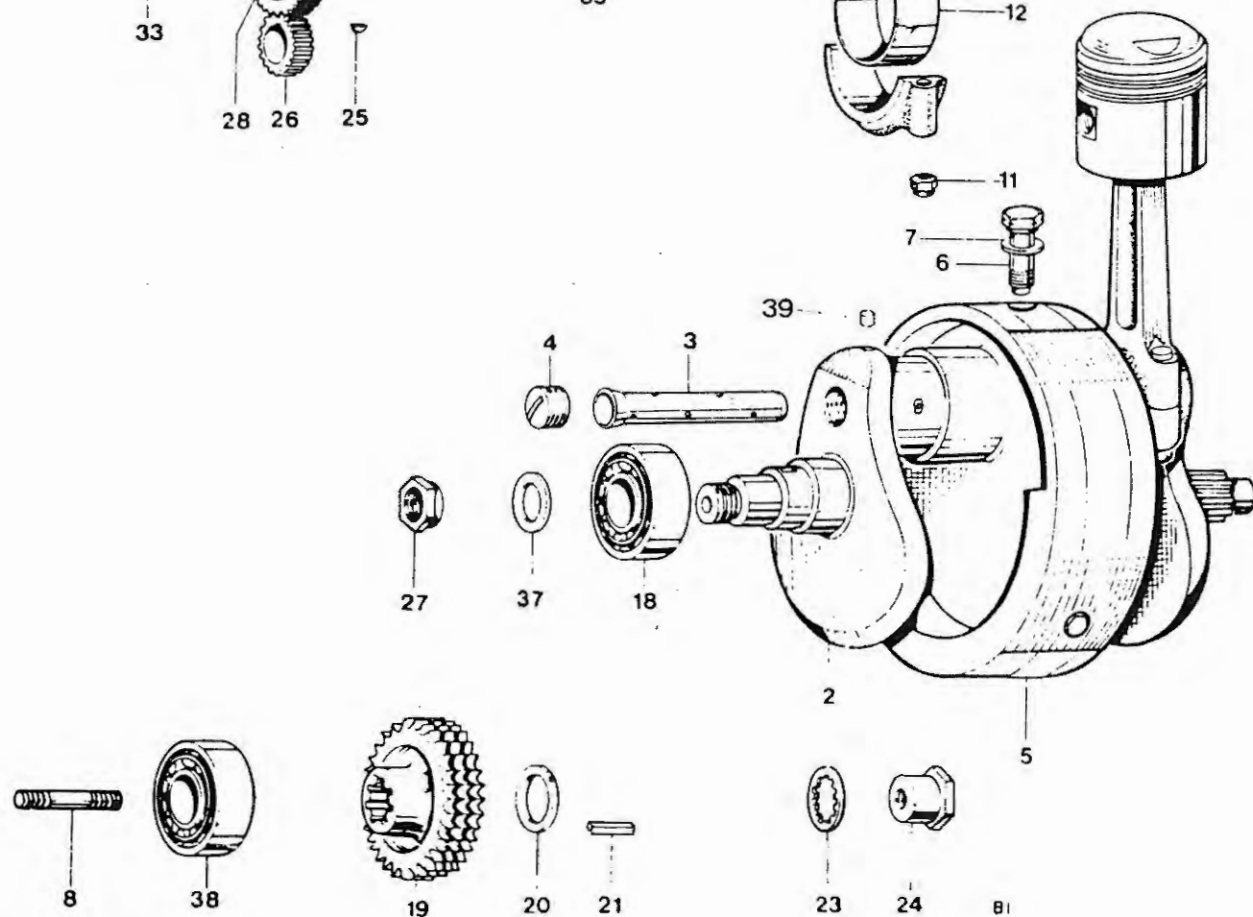
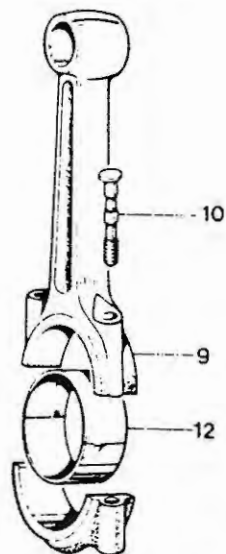
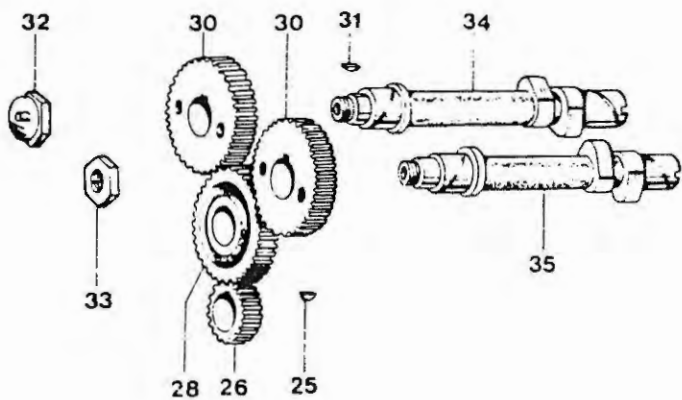
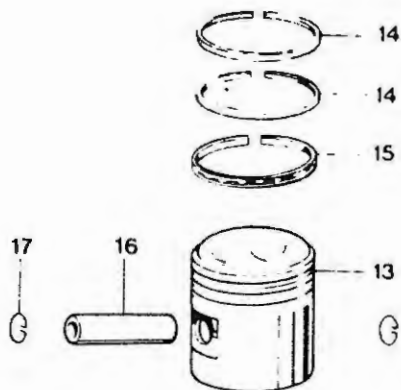
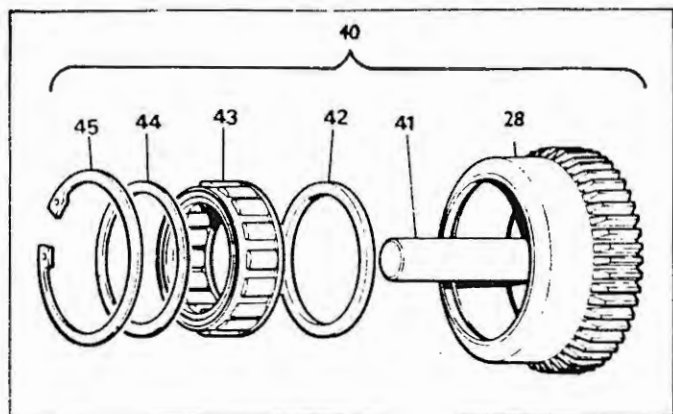
99-7507A



**CRANKSHAFT AND CONNECTING RODS**

# CRANKSHAFT AND CONNECTING RODS

| Ref.<br>No. | Part<br>No. | Description                                       | T140 |     |     |
|-------------|-------------|---------------------------------------------------|------|-----|-----|
|             |             |                                                   | E2S  | LE  | EX  |
|             |             |                                                   | Qty  | Req |     |
| -           | 71-7370     | CRANKSHAFT AND FLYWHEEL ASSEMBLY                  | 1    | 1   | 1   |
| 2           | 71-3298     | Crankshaft c/w oil tube                           | 1    | 1   | 1   |
| 3           | 70-3903     | Oil tube                                          | 1    | 1   | 1   |
| 4           | 71-2800     | Screwed plug                                      | 1    | 1   | 1   |
| 5           | 71-7338     | Flywheel                                          | 1    | 1   | 1   |
| 6           | 71-3552     | Flywheel bolt                                     | 3    | 3   | 3   |
| 7           | 71-1003     | Washer                                            | 3    | 3   | 3   |
| 8           | 21-2183     | Crankshaft stud                                   | 1    | 1   | 1   |
| 9           | 71-3006     | CONNECTING ROD ASSEMBLY                           | 2    | 2   | 2   |
| 10          | 70-9914     | Connecting rod bolt                               | 4    | 4   | 4   |
| 11          | 21-7091     | Connecting rod nut                                | 4    | 4   | 4   |
| NI          | 99-7040     | BIG END BEARING ASSEMBLY                          | 1    | 1   | 1   |
| 12          | 70-3586     | Big end bearing                                   | 2pr  | 2pr | 2pr |
| 13          | 71-3778A    | PISTON ASSEMBLY (7.9:1) c/w rings,<br>clips & pin | 2    | 2   | 2   |
| 13          | 71-7085     | PISTON ASSEMBLY (7.4:1) c/w rings,<br>clips & pin | A    | A   | A   |
| NI          | 99-3789     | PISTON RING ASSEMBLY                              | 1    | 1   | 1   |
| 14          | 71-3690     | Compression ring                                  | 4    | 4   | 4   |
| 15          | 71-3695     | Oil ring                                          | 2    | 2   | 2   |
| 16          | 71-3354     | Gudgeon pin                                       | 2    | 2   | 2   |
| 17          | 71-3700     | Circlip                                           | 4    | 4   | 4   |
| 18          | 60-7362     | Main bearing double lipped roller R/H             | 1    | 1   | 1   |
| 19          | 71-3542     | Engine sprocket 29 teeth                          | 1    | 1   | 1   |
| 20          | 71-3544     | Spacer, engine sprocket                           | 1    | 1   | 1   |
| 21          | 71-0082     | Key, rotor                                        | 1    | 1   | 1   |
| 23          | 21-7024     | Lock washer                                       | 1    | 1   | 1   |
| 24          | 21-2182     | Nut, rotor to crankshaft                          | 1    | 1   | 1   |
| 25          | 70-1580     | Key, timing pinion                                | 1    | 1   | 1   |
| 26          | 71-7617     | Timing pinion                                     | 1    | 1   | 1   |
| 27          | 71-2877     | Nut, timing pinion                                | 1    | 1   | 1   |
| 28          | 71-7246     | INTERMEDIATE WHEEL C/W SPINDLE                    | 1    | 1   | 1   |
| 30          | 71-3666     | Camshaft pinion                                   | 2    | 2   | 2   |
| 31          | 70-1558     | Key, camshaft                                     | 2    | 2   | 2   |
| 32          | 71-1007     | Nut, inlet camshaft                               | 1    | 1   | 1   |
| 33          | 70-6523     | Nut, exhaust camshaft                             | 1    | 1   | 1   |
| 34          | 71-7016     | Camshaft, inlet                                   | 1    | 1   | 1   |
| 35          | 71-7017     | Camshaft, exhaust                                 | 1    | 1   | 1   |
| 37          | 70-3300     | Washer, timing pinion                             | 1    | 1   | 1   |
| 38          | 70-2879     | Main bearing single lipped roller                 | 1    | 1   | 1   |
| 39          | 70-3902     | Plug, crankshaft oilway                           | 1    | 1   | 1   |
| NI          | 71-2663     | Spacer                                            | 1    | 1   | 1   |
| NI          | 70-8038     | Shim (.010) engine sprocket                       | AR   | AR  | AR  |
| NI          | 71-2660     | Shim (.030) engine sprocket                       | AR   | AR  | AR  |
| 40          | 71-7526     | SPRAG CLUTCH ASSY. C/W WHEEL & SPINDLE            | 1    | 1   | 1   |
| 41          | 71-7413     | Spindle                                           | 1    | 1   | 1   |
| 42          | 71-7245     | Spacer ring - inner                               | 1    | 1   | 1   |

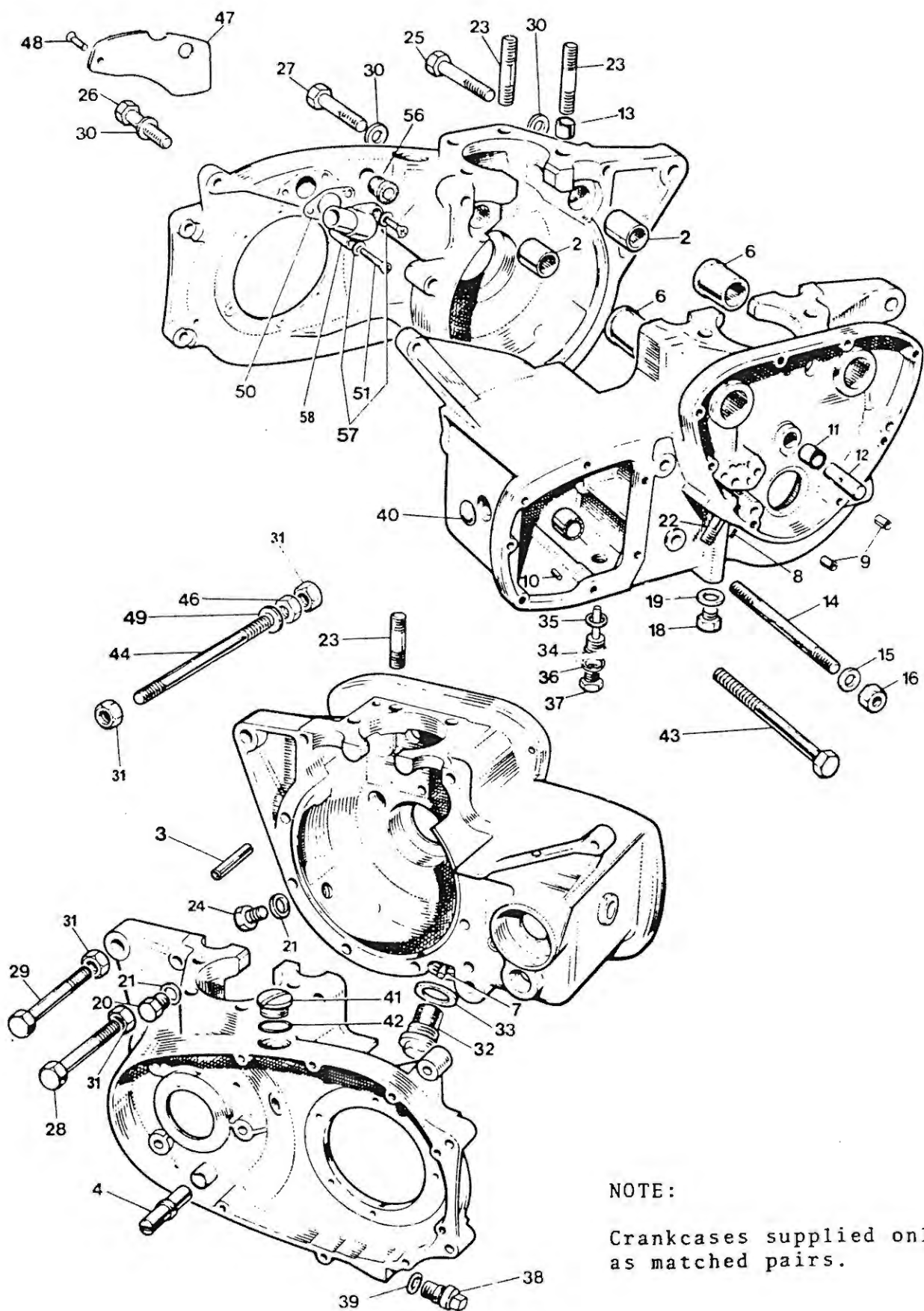


# CRANKSHAFT AND CONNECTING RODS



# CRANKSHAFT AND CONNECTING RODS (CONT.)

| Ref<br>No.                               | Part<br>No. | Description               | T140 |     |     |
|------------------------------------------|-------------|---------------------------|------|-----|-----|
|                                          |             |                           | E2S  | LE  | EX  |
|                                          |             |                           | Qty  | Req |     |
| 43                                       | 60-7291     | Sprag clutch              | 1    | 1   | 1   |
| 44                                       | 71-7244     | Retainer ring-outer       | 1    | 1   | 1   |
| 45                                       | 60-7269     | Circlip                   | 1    | 1   | 1   |
| CARTON PACK ASSEMBLIES                   |             |                           |      |     |     |
| PISTONS: (C/W RINGS, PIN & CIRCLIPS)     |             |                           |      |     |     |
| 71-3995                                  |             | Piston Assy. 7.9:1 + .010 | 2    | 2   | 2   |
| 71-3996                                  |             | Piston Assy. 7.9:1 + .020 | 2    | 2   | 2   |
| 71-7090                                  |             | Piston Assy. 7.4:1 + .010 | 2    | 2   | 2   |
| 71-7091                                  |             | Piston Assy. 7.4:1 + .020 | 2    | 2   | 2   |
| PISTON RING SETS (4 COMPRESSION & 2 OIL) |             |                           |      |     |     |
| 99-3790                                  |             | Ring Set + .010           | 1    | 1   | 1   |
| 71-3691                                  |             | Ring Compression + .010   | 4    | 4   | 4   |
| 71-3696                                  |             | Ring Oil + .010           | 2    | 2   | 2   |
| 99-3791                                  |             | Ring Set + .020           | 1    | 1   | 1   |
| 71-3692                                  |             | Ring Compression + .020   | 4    | 4   | 4   |
| 71-3697                                  |             | Ring Oil + .020           | 2    | 2   | 2   |
| BIG END BEARING SETS (Connecting Rod)    |             |                           |      |     |     |
| 99-7041                                  |             | Bearing Set - .010        | 1    | 1   | 1   |
| 70-3586010                               |             | Bearing - .010            | 2pr  | 2pr | 2pr |
| 99-7042                                  |             | Bearing set - .020        | 1    | 1   | 1   |
| 70-3586020                               |             | Bearing - .020            | 2pr  | 2pr | 2pr |



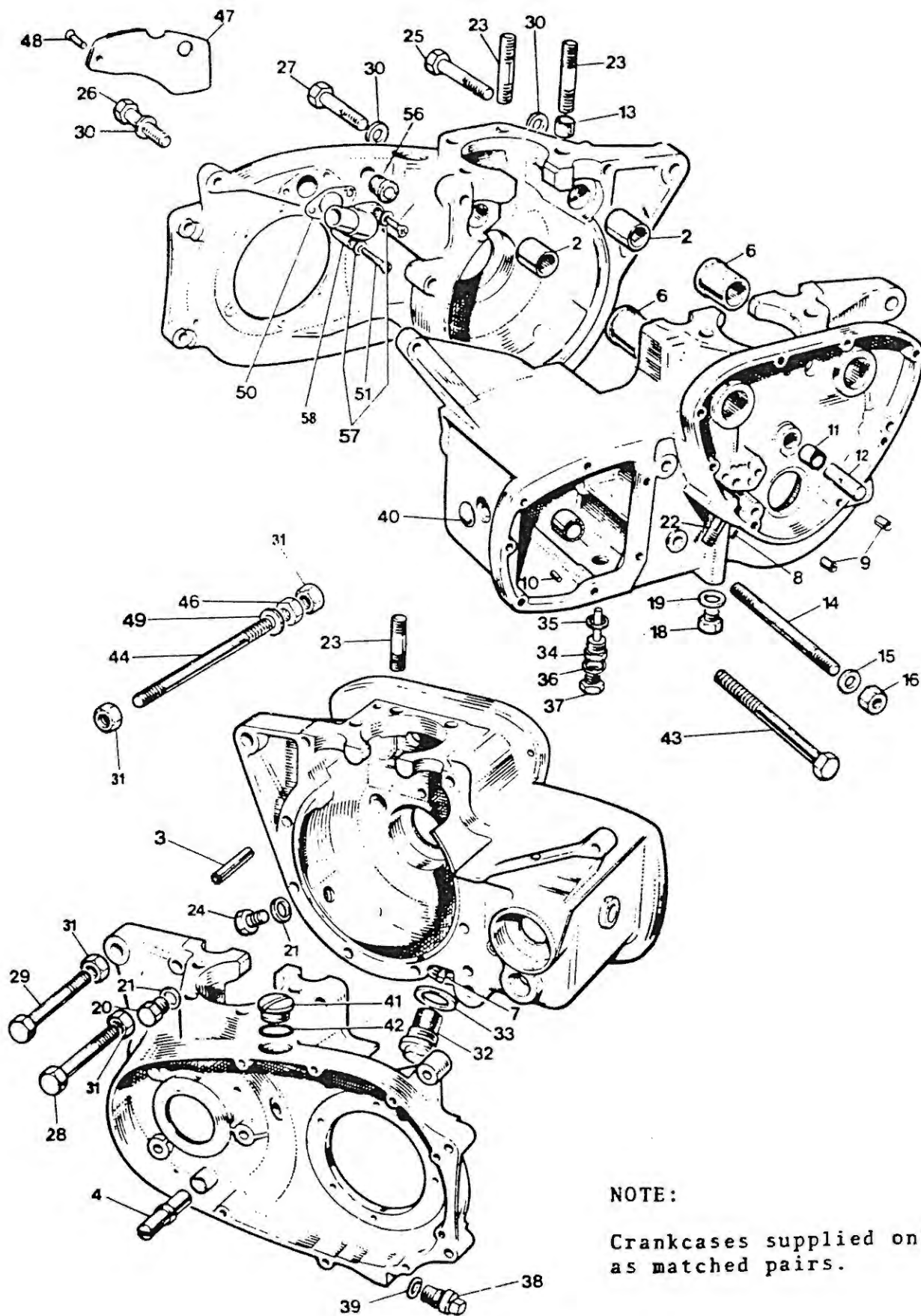
**NOTE:**

Crankcases supplied only  
as matched pairs.

**CRANKCASE**

# CRANKCASE

| Ref.<br>No. | Part<br>No. | Description                          | T140 |     |    |
|-------------|-------------|--------------------------------------|------|-----|----|
|             |             |                                      | E2S  | LE  | EX |
|             |             |                                      | Qty  | Req |    |
| -           | 71-7491     | CRANKCASE ASSEMBLY (paired)          | 1    |     | 1  |
| -           | 71-7604     | CRANKCASE ASSEMBLY (paired) BLACK    |      | 1   |    |
| 2           | 71-0287     | Bush, camshaft L/H                   | 2    | 2   | 2  |
| 3           | 71-3989     | Dowel, crankcase joint               | 1    | 1   | 1  |
| 4           | 71-7258     | Pin, pivot chain tensioner           | 1    | 1   | 1  |
| 6           | 71-0286     | Bush, camshaft R/H                   | 2    | 2   | 2  |
| 7           | 70-4538     | Scavenge pipe, crankcase             | 1    | 1   | 1  |
| 8           | 70-6386     | Peg, locating oil junction block     | 1    | 1   | 1  |
| 9           | 57-0989     | Dowel, timing cover                  | 2    | 2   | 2  |
| 10          | 57-0912     | Peg, locating (L/S at thrust washer) | 1    | 1   | 1  |
| 11          | 71-7492     | Bush, intermediate wheel spindle     | 1    | 1   | 1  |
| 12          | 71-7413     | Spindle, intermediate wheel          | 1    | 1   | 1  |
| 13          | 70-8751     | Dowel, cylinder base L/H             | 2    | 2   | 2  |
| 14          | 14-1445     | Stud, crankcase rear                 | 1    | 1   | 1  |
| 15          | 60-4246     | Washer, plain crankcase              | 2    | 2   | 2  |
| 16          | 14-1303     | Nut, crankcase                       | 1    | 1   | 1  |
| 17          | 57-1606     | Bearing needle, layshaft             | 1    | 1   | 1  |
| 18          | 70-9330     | Plug, oilway R/H crankcase           | 1    | 1   | 1  |
| 19          | 82-1880     | Washer, copper oilway plug           | 1    | 1   | 1  |
| 20          | 21-1871     | Plug, tach. drive (L/H thread)       | 1    | 1   | 1  |
| 21          | 37-3761     | O'Ring, ign. timing hole plug        | 1    | 1   | 1  |
| 22          | 21-1863     | Stud, oil pipe                       | 1    | 1   | 1  |
| 23          | 21-1865     | Stud, cylinder inner                 | 4    | 4   | 4  |
| 23          | 71-3013     | Stud, cylinder outer                 | 4    | 4   | 4  |
| 24          | 71-1872     | Plug, ign. timing                    | 1    | 1   | 1  |
| 25          | 21-1870     | Bolt, rear crankcase                 | 1    | 1   | 1  |
| 26          | 14-6220     | Bolt, top rear crankcase             | 1    | 1   | 1  |
| 27          | 14-6223     | Bolt, top front crankcase            | 1    | 1   | 1  |
| 28          | 14-0230     | Bolt, long crankcase                 | 1    | 1   | 1  |
| 29          | 21-1823     | Bolt, short crankcase                | 2    | 2   | 2  |
| 30          | 60-2330     | Washer, plain crankcase              | 10   | 10  | 10 |
| 31          | 14-1302     | Nut, crankcase                       | 5    | 5   | 5  |
| 32          | 70-9336     | Filter, crankcase                    | 1    | 1   | 1  |
| 33          | 70-8782     | O'Ring, crankcase filter             | 1    | 1   | 1  |
| 34          | 57-2167     | Plug, drain (w/level tube)           | 1    | 1   | 1  |
| 35          | 60-7132     | Washer, drain plug                   | 1    | 1   | 1  |
| 36          | 70-2441     | Washer, level plug                   | 1    | 1   | 1  |
| 37          | 21-0543     | Plug, level                          | 1    | 1   | 1  |
| 38          | 71-7259     | Plug, chain adjuster                 | 1    | 1   | 1  |
| 39          | 70-6299     | O'Ring, chain adjuster plug          | 1    | 1   | 1  |
| 40          | 57-1920     | Plug, blanking crankcase             | 1    | 1   | 1  |
| 41          | 57-2166     | Plug, inspection primary chain       | 1    | 1   | 1  |
| 42          | 70-8782     | O'Ring, inspection plug              | 1    | 4   | 1  |
| 43          | 14-6242     | Bolt, rear crankcase                 | 1    | 1   | 1  |
| 44          | 21-0669     | Stud, crankcase                      | 1    | 1   | 1  |
| 46          | 14-0402     | Nut, exhaust ties                    | 2    | 2   | 2  |
| 47          | 70-9334     | Plate, breather cover assembly       | 1    | 1   | 1  |



**NOTE:**

Crankcases supplied only  
as matched pairs.

**CRANKCASE**

# CRANKCASE (CONT.)

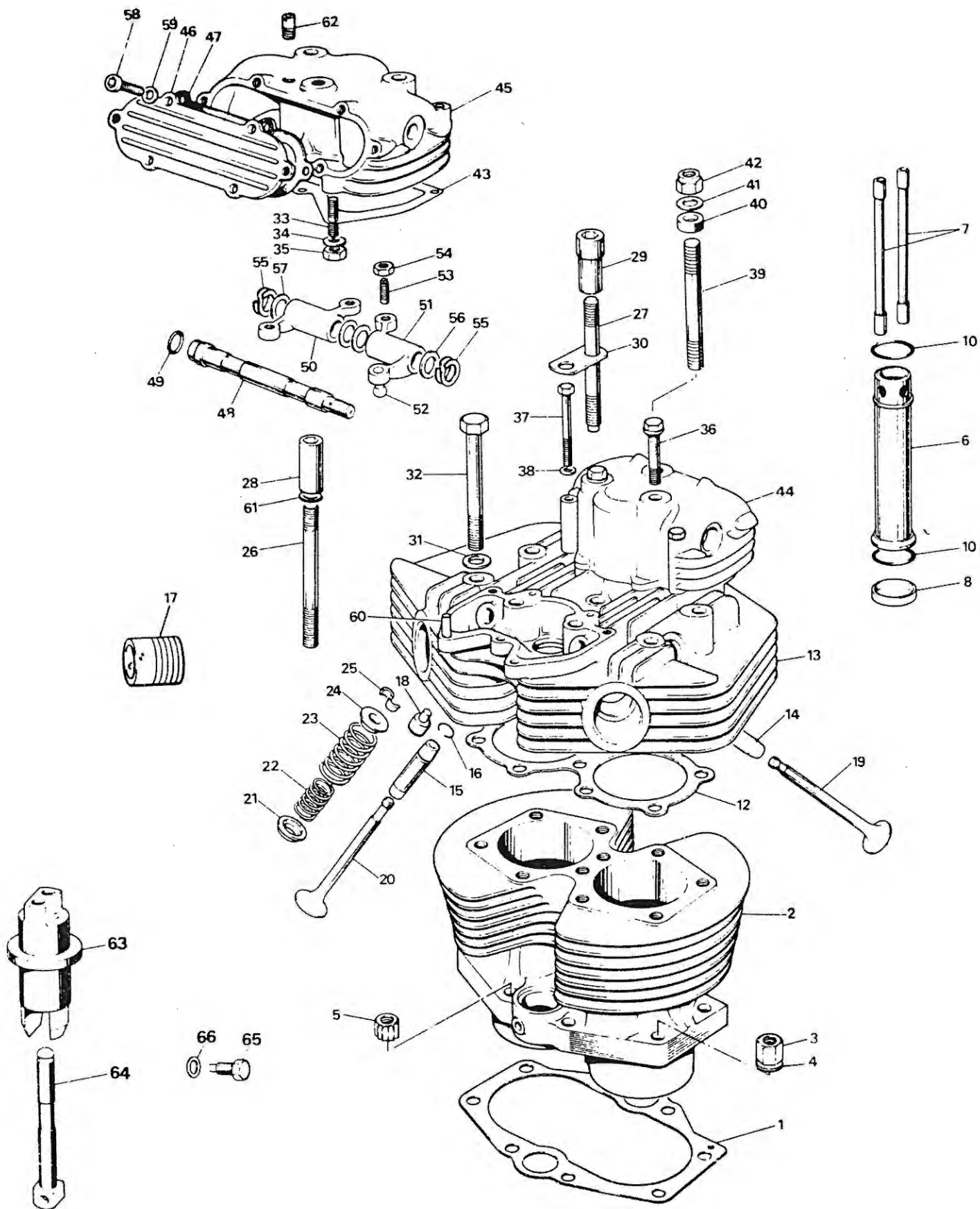
| Ref.<br>No. | Part<br>No. | Description                        | T140       |           |    |
|-------------|-------------|------------------------------------|------------|-----------|----|
|             |             |                                    | E2S<br>Qty | LE<br>Req | EX |
| 48          | 71-1077     | Screw, breather plate cover        | 1          | 1         | 1  |
| 49          | 60-2428     | Washer, crankcase stud             | 2          | 2         | 2  |
| 50          | 71-1460     | Gasket, breather stub outlet       | 1          | 1         | 1  |
| 51          | 70-7354     | Screw, breather stub outlet        | 2          | 2         | 2  |
| 56          | 71-1345     | Grommet, stator leads - external   | 1          | 1         | 1  |
| 57          | 70-6559     | Washer, breather stub outlet screw | 2          | 2         | 2  |
| 58          | 71-4044     | Stub, breather outlet              | 1          | 1         | 1  |





# OIL PUMP AND RELEASE VALVE

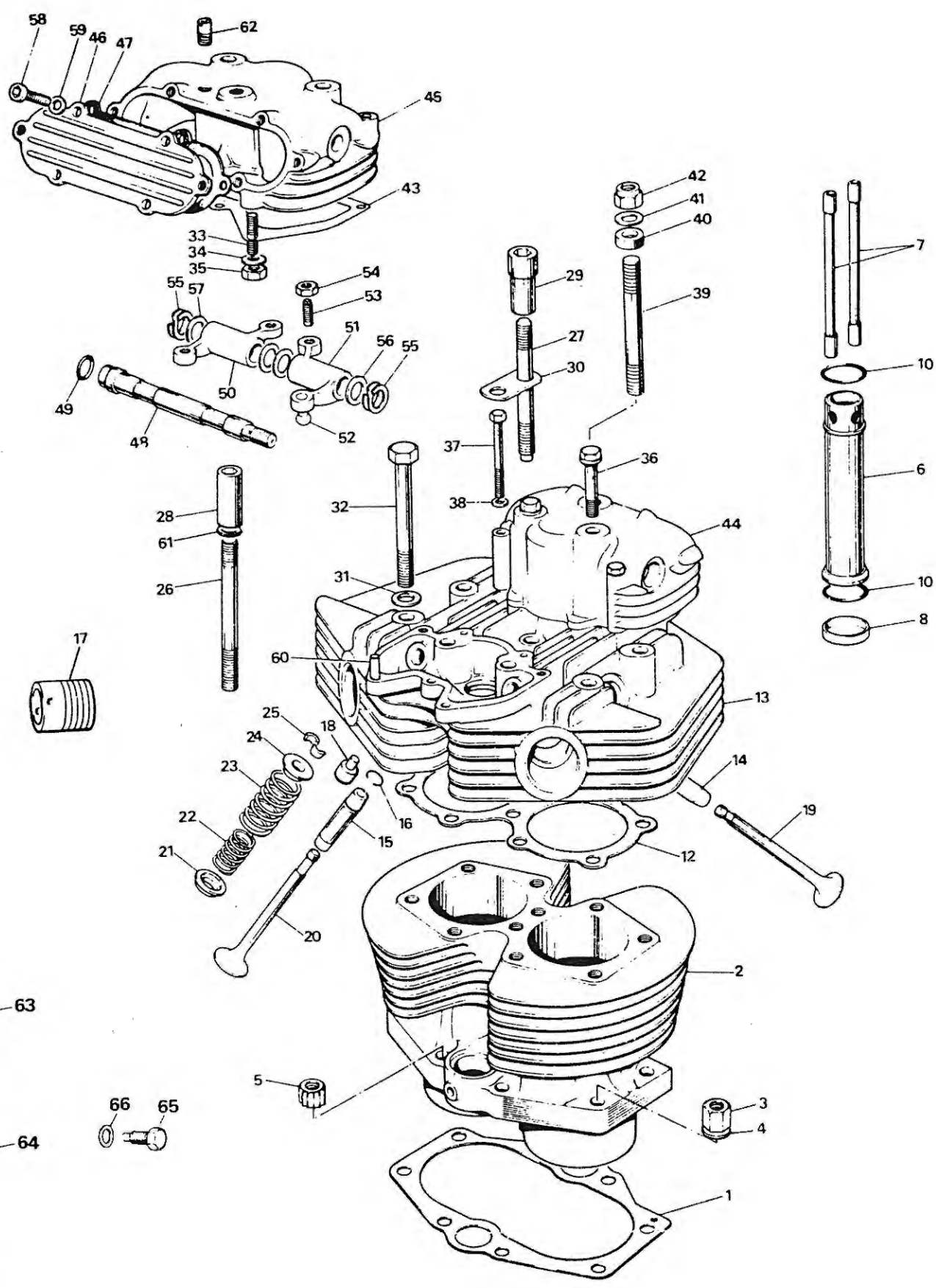
|      |         |                                    | T140 |     |    |
|------|---------|------------------------------------|------|-----|----|
| Ref. | Part    |                                    | E2S  | LE  | EX |
| No.  | No.     | Description                        | Qty  | Req |    |
| 1    | 71-7317 | OIL PUMP ASSEMBLY                  | 1    | 1   | 1  |
| 2    | 71-7253 | Body, oil pump                     | 1    | 1   | 1  |
| 3    | 70-9269 | Plunger, feed oil pump             | 1    | 1   | 1  |
| 4    | 70-6681 | Plunger, scavenger oil pump        | 1    | 1   | 1  |
| 5    | 70-0495 | Block, oil pump drive              | 1    | 1   | 1  |
| 6    | 99-7508 | Valve Pack, oil pump               | 1    | 1   | 1  |
| 7    | 71-3910 | Gasket, oil pump                   | 1    | 1   | 1  |
| NI   | 14-7007 | Screw, 1¼" oil pump fixing         | 1    | 1   | 1  |
| NI   | 14-7008 | Screw, 1½" oil pump fixing         | 1    | 1   | 1  |
| NI   | 60-2417 | Washer, oil pump fixing            | 2    | 2   | 2  |
| 11   | 71-3447 | OIL PRESSURE RELEASE VALVE         | 1    | 1   | 1  |
| 12   | 70-8754 | Washer (cap to body) release valve | 1    | 1   | 1  |
| 13   | 60-3355 | O'Ring, release valve body         | 1    | 1   | 1  |



**CYLINDER BLOCK AND HEAD**

# CYLINDER BLOCK AND CYLINDER HEAD ROCKER BOXES

| Ref.<br>No. | Part<br>No. | Description                          | T140       |           |    |
|-------------|-------------|--------------------------------------|------------|-----------|----|
|             |             |                                      | E2S<br>Qty | LE<br>Req | EX |
| 1           | 70-6309     | Gasket, cylinder base                | 1          | 1         | 1  |
| 2           | 71-4006     | Cylinder block                       | 1          | 1         | 1  |
| 3           | 21-2177     | Nut, cylinder base                   | 4          | 4         | 4  |
| 4           | 70-3446     | Washer, cylinder base                | 4          | 4         | 4  |
| 5           | 21-0692     | Nut, cylinder base (12 point)        | 4          | 4         | 4  |
| 6           | 71-7191     | Tube, push rod cover                 | 2          |           | 2  |
| 6           | 71-7613     | Tube, push rod cover (black)         |            | 2         |    |
| 7           | 71-3330     | Push rod                             | 4          | 4         | 4  |
| 8           | 71-7196     | Sleeve, push rod cover tube          | 2          | 2         | 2  |
| 10          | 71-1283     | O'Ring, push rod cover tube          | 4          | 4         | 4  |
| 12          | 71-4619     | Gasket, cylinder head                | 1          | 1         | 1  |
| 13          | 71-7530     | CYLINDER HEAD ASSEMBLY               | 1          |           | 1  |
| 13          | 71-7607     | CYLINDER HEAD ASSEMBLY - BLACK       |            | 1         |    |
| 14          | 71-7506     | Guide, valve inlet                   | 2          | 2         | 2  |
| 15          | 71-7202     | Guide, valve exhaust                 | 2          | 2         | 2  |
| 16          | 70-3209     | Circlip, valve guide inlet & exhaust | 4          | 4         | 4  |
| 17          | 70-9516     | Adaptor, exhaust pipe                | 2          | 2         | 2  |
| 18          | 60-7363     | Seal, inlet valve guide              | 2          | 2         | 2  |
| 19          | 70-4603     | Valve, inlet                         | 2          | 2         | 2  |
| 20          | 70-2904     | Valve, exhaust                       | 2          | 2         | 2  |
| 21          | 71-7203     | Cup, valve spring bottom             | 4          | 4         | 4  |
| 22          | 70-4221     | Spring, valve inner                  | 4          | 4         | 4  |
| 23          | 70-7400     | Spring, valve outer                  | 4          | 4         | 4  |
| 24          | 70-1543     | Collar, valve spring top             | 4          | 4         | 4  |
| 25          | 71-3748     | Split Cotter, inlet & exhaust valve  | 8          | 8         | 8  |
| 26          | 21-2201     | Stud, cylinder head 3/8"             | 4          | 4         | 4  |
| 27          | 21-2200     | Stud, cylinder head 5/16"            | 2          | 2         | 2  |
| 28          | 21-2204     | Nut, socket cylinder head            | 4          | 4         | 4  |
| 29          | 21-2205     | Nut, socket cylinder head            | 2          | 2         | 2  |
| 30          | 71-3553     | Plate, bridge center studs           | 1          | 1         | 1  |
| 31          | 82-2184     | Washer, cylinder head                | 4          | 4         | 4  |
| 32          | 14-0241     | Bolt, cylinder head                  | 4          | 4         | 4  |
| 33          | 14-1401     | Stud, rocker box                     | 6          | 6         | 6  |
| 34          | 70-3302     | Washer, rocker box                   | 6          | 6         | 6  |
| 35          | 14-0301     | Nut, rocker box                      | 6          | 6         | 6  |
| 36          | 21-2206     | Bolt, rocker box                     | 4          | 4         | 4  |
| 37          | 21-1875     | Bolt, rocker box                     | 4          | 4         | 4  |
| 38          | 60-4248     | Washer, rocker box                   | 4          | 4         | 4  |
| 39          | 21-2197     | Stud, engine torque stay             | 2          | 2         | 2  |
| 40          | 37-2338     | Spacer, engine torque stay           | 2          | 2         | 2  |
| 41          | 60-2331     | Washer, engine torque stay           | 2          | 2         | 2  |
| 42          | 14-1303     | Nut, engine torque stay              | 2          | 2         | 2  |
| 43          | 71-2599     | Gasket, rocker box                   | 2          | 2         | 2  |
| 44          | 71-3668     | Rocker box, inlet                    | 1          |           | 1  |
| 44          | 71-7596     | Rocker box, inlet (black)            |            | 1         |    |

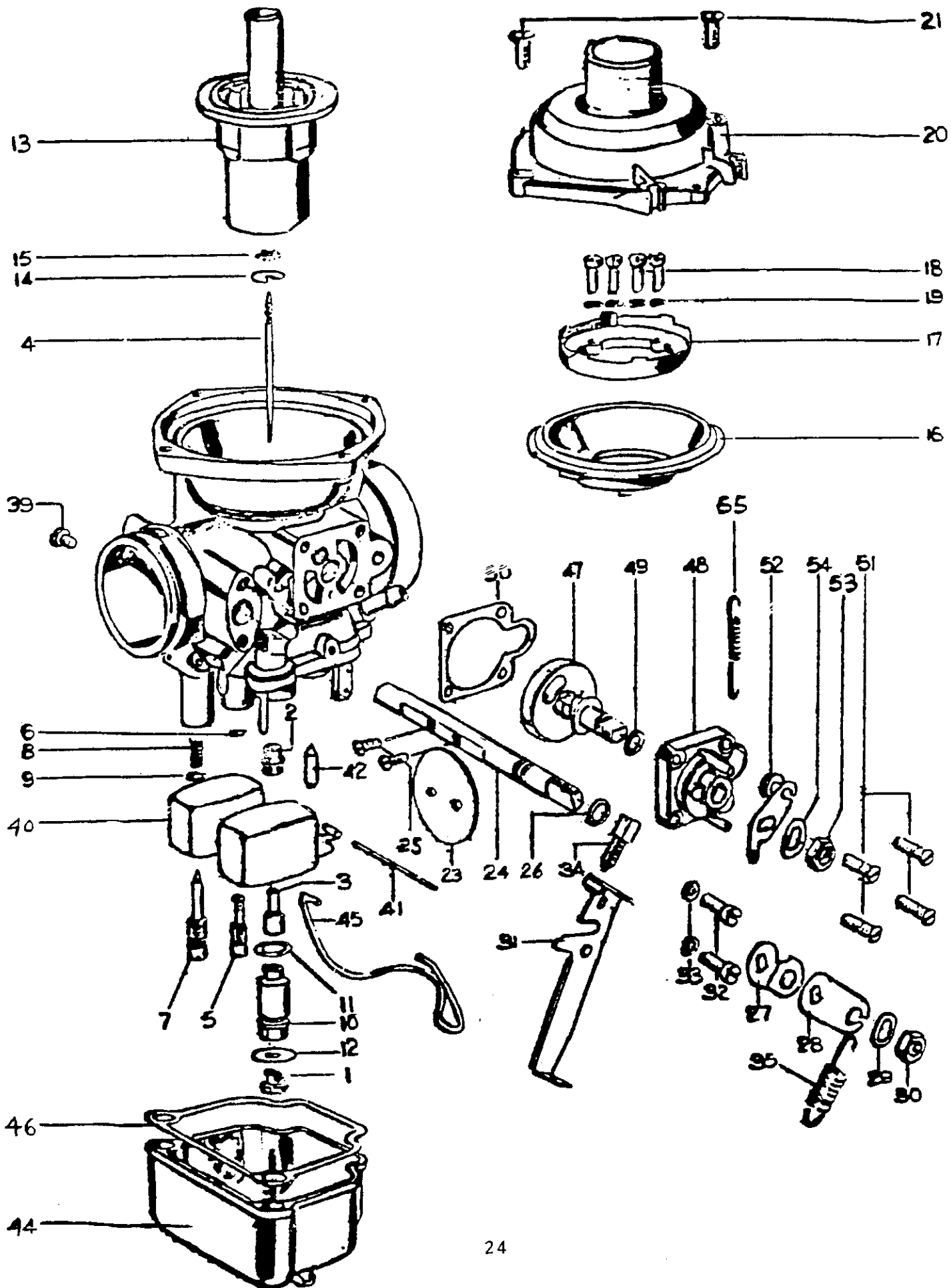


**CYLINDER BLOCK AND HEAD**

# CARBURETOR

|      |         |                                | T140 |     |    |
|------|---------|--------------------------------|------|-----|----|
| Ref. | Part    |                                | E2S  | LE  | EX |
| No.  | No.     | Description                    | Qty  | Req |    |
| NI   | 60-7418 | Carburetor Assembly L/H        | 1    | 1   | 1  |
| NI   | 60-7419 | Carburetor Assembly R/H        | 1    | 1   | 1  |
| 1    | 99-7525 | Main Jet 145cc                 | 1    | 1   | 1  |
| 2    | 99-7526 | Atomizer                       | 1    | 1   | 1  |
| 3    | 99-7527 | Needle Jet 2.64                | 1    | 1   | 1  |
| 4    | 99-7528 | Jet Needle                     | 1    | 1   | 1  |
| 5    | 99-7529 | Idle Jet 45cc                  | 1    | 1   | 1  |
| 6    | 99-7530 | Washer                         | 1    | 1   | 1  |
| 7    |         | Mixture control screw          | 1    | 1   | 1  |
| 8    | 99-7531 | Spring                         | 1    | 1   | 1  |
| 9    | 99-7532 | Rubber ring                    | 1    | 1   | 1  |
| 10   |         | Nozzle stock                   | 1    | 1   | 1  |
| 11   | 99-7533 | Rubber ring                    | 1    | 1   | 1  |
| 12   | 99-7534 | Washer                         | 1    | 1   | 1  |
| 13   | 99-7535 | Plunger No. 3                  | 1    | 1   | 1  |
| 14   | 99-7536 | Retaining spring               | 1    | 1   | 1  |
| 15   | 99-7537 | Washer                         | 1    | 1   | 1  |
| 16   | 99-7538 | Diaphragm                      | 1    | 1   | 1  |
| 17   |         | Retaining ring                 | 1    | 1   | 1  |
| 18   | 99-7539 | Screw                          | 4    | 4   | 4  |
| 19   | 99-7540 | Washer                         | 4    | 4   | 4  |
| 20   |         | Plunger cover                  | 1    | 1   | 1  |
| 21   | 99-7541 | Screw                          | 2    | 2   | 2  |
| 23   |         | Throttle valve                 | 1    | 1   | 1  |
| 24   |         | Valve shaft                    | 1    | 1   | 1  |
| 25   |         | Valve shaft screw              | 2    | 2   | 2  |
| 26   | 99-7542 | Sealing ring                   | 1    | 1   | 1  |
| 27   |         | Throttle lever                 | 1    | 1   | 1  |
| 28   |         | Throttle lever                 | 1    | 1   | 1  |
| 29   |         | Washer                         | 1    | 1   | 1  |
| 30   |         | Nut                            | 1    | 1   | 1  |
| 31   |         | Retaining arm                  | 1    | 1   | 1  |
| 32   |         | Screw                          | 2    | 2   | 2  |
| 33   |         | Washer                         | 2    | 2   | 2  |
| 34   |         | Idling stop screw              | 1    | 1   | 1  |
| 35   | 99-7543 | Return spring - throttle lever | 1    | 1   | 1  |
| 39   |         | Screw                          | 1    | 1   | 1  |
| 40   |         | Float                          | 1    | 1   | 1  |
| 41   |         | Float pin                      | 1    | 1   | 1  |
| 42   | 99-7544 | Float needle                   | 1    | 1   | 1  |
| 44   |         | Float chamber                  | 1    | 1   | 1  |
| 45   |         | Spring valve                   | 1    | 1   | 1  |
| 46   | 99-7545 | Float chamber gasket           | 1    | 1   | 1  |
| 47   |         | Disc                           | 1    | 1   | 1  |
| 48   |         | Cold start body                | 1    | 1   | 1  |
| 49   |         | Rubber ring                    | 1    | 1   | 1  |
| 50   | 99-7546 | Gasket                         | 1    | 1   | 1  |



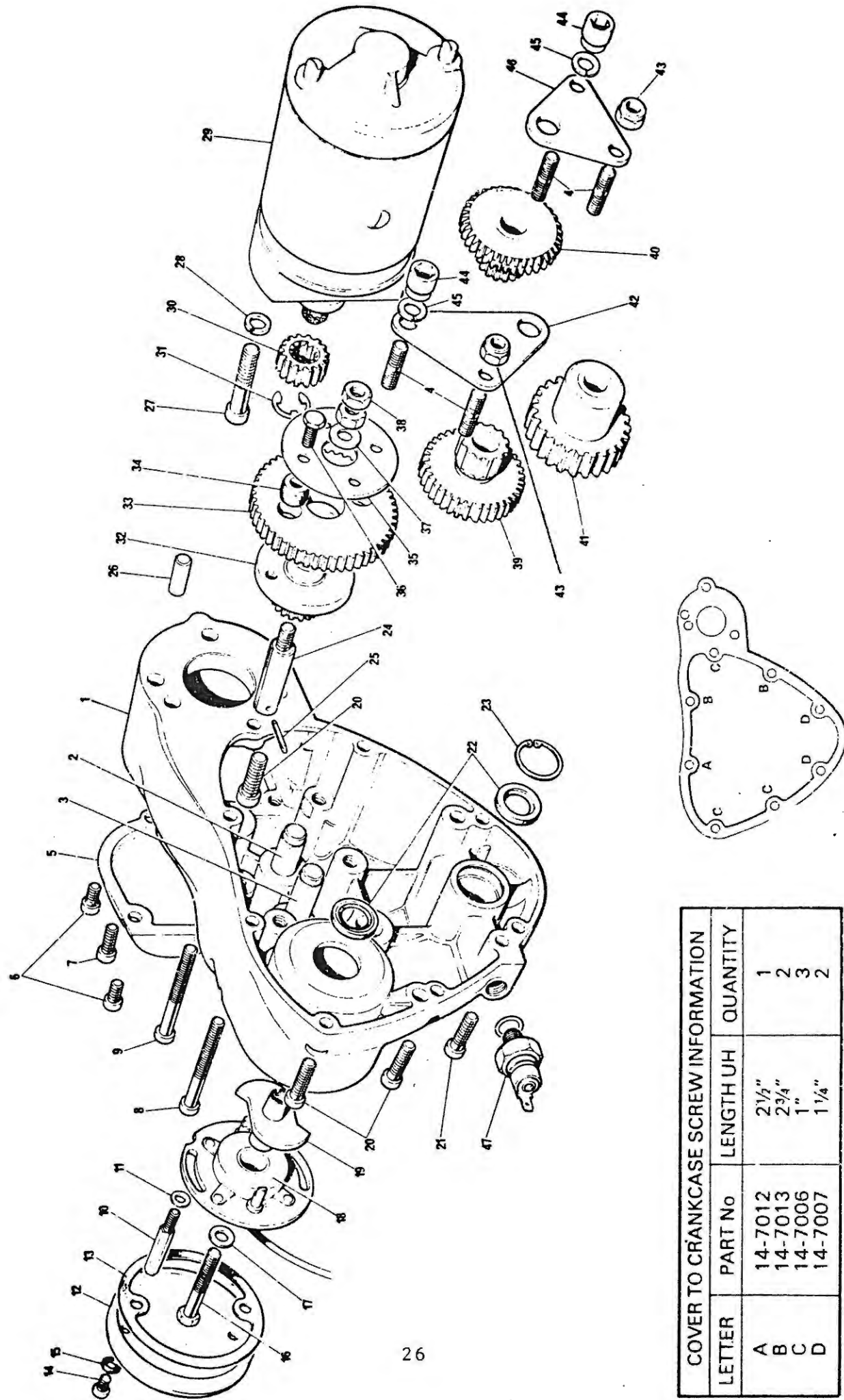


# CARBURETOR

T140  
E2S LE EX  
Qty Req

| Ref.<br>No. | Part<br>No. | Description                |
|-------------|-------------|----------------------------|
| 51          |             | Screw                      |
| 52          |             | Cold start lever           |
| 53          |             | Nut                        |
| 54          |             | Washer                     |
| 55          | 99-7547     | Return spring - cold start |

|   |   |   |
|---|---|---|
| 4 | 4 | 4 |
| 1 | 1 | 1 |
| 1 | 1 | 1 |
| 1 | 1 | 1 |
| 1 | 1 | 1 |



# TIMING COVER AND PULSE SENSOR

| Ref.<br>No. | Part<br>No. | Description                                   | T140       |           |    |
|-------------|-------------|-----------------------------------------------|------------|-----------|----|
|             |             |                                               | E2S<br>Qty | LE<br>Req | EX |
| 1           | 71-7501     | TIMING COVER ASSEMBLY                         | 1          | 1         | 1  |
| 2           | 71-7377     | Spindle, 2nd stage starter reduction          | 1          | 1         | 1  |
| 3           | 71-7376     | Spindle, 3rd stage starter reduction          | 1          | 1         | 1  |
| 4           | 21-7066     | Stud, outrigger plate starter reduction       | 4          | 4         | 4  |
| 5           | 71-7327     | Cover, starter motor inspection               | 1          | 1         | 1  |
| NI          | 71-7328     | Gasket, inspection cover starter motor        | 1          | 1         | 1  |
| 6           | 14-7003     | Screw, inspection cover to timing cover       | 2          | 2         | 2  |
| 7           | 14-7006     | Screw, inspection cover to timing cover       | 1          | 1         | 1  |
| 8           | 14-7012     | Screw, timing cover to crankcase              | 1          | 1         | 1  |
| 9           | 14-7013     | Screw, timing cover to crankcase              | 2          | 2         | 2  |
| 10          | 71-7400     | Pillar bolt, pulse sensor                     | 2          | 2         | 2  |
| 11          | 70-6559     | Washer, pillar bolt pulse sensor              | 4          | 4         | 4  |
| 12          | 71-7159     | Cover, pulse sensor                           | 1          | 1         | 1  |
| 13          | 71-1462     | Gasket, pulse sensor cover                    | 1          | 1         | 1  |
| 14          | 70-7354     | Screw, pulse sensor cover fixing              | 2          | 2         | 2  |
| 15          | 97-0430     | Washer, pulse sensor cover                    | 2          | 2         | 2  |
| 16          | 14-0207     | Bolt, reluctor fixing                         | 1          | 1         | 1  |
| 17          | 70-8163     | Washer, reluctor fixing                       | 1          | 1         | 1  |
| 18          | 54400766    | Pulse sensor                                  | 1          | 1         | 1  |
| 19          | 54400905    | Reluctor                                      | 1          | 1         | 1  |
| 20          | 14-7006     | Screw, timing cover to crankcase              | 3          | 3         | 3  |
| 21          | 14-7007     | Screw, timing cover to crankcase              | 2          | 2         | 2  |
| 22          | 70-4568     | Oil seal, at camshaft and crankshaft          | 2          | 2         | 2  |
| 23          | 70-4569     | Circlip, oil seal at crankshaft               | 1          | 1         | 1  |
| 24          | 71-7494     | Spindle, for 71-7416 & 71-7417                | 1          | 1         | 1  |
| 25          | 60-7385     | Pin, spindle fixing for 71-7494               | 1          | 1         | 1  |
| 26          | 71-7383     | Dowel, locating starter motor to timing cover | 1          | 1         | 1  |
| NI          | 60-7295     | O'Ring, starter motor to timing cover         | 1          | 1         | 1  |
| 27          | 14-7020     | Screw, starter motor to timing cover          | 3          | 3         | 3  |
| 28          | 60-2428     | Washer, for 14-7020                           | 3          | 3         | 3  |
| 29          | 60-7296     | Starter motor assembly                        | 1          | 1         | 1  |
| 30          | 71-7226     | Pinion, starter motor 16T                     | 1          | 1         | 1  |
| 31          | 60-7292     | Retainer, pinion to starter motor             | 1          | 1         | 1  |
| 32          | 71-7416     | Pinion 16T and coupling flange                | 1          | 1         | 1  |
| 33          | 71-7417     | Gear, driver 54T                              | 1          | 1         | 1  |
| 34          | 60-7340     | Bush, shock absorber                          | 2          | 2         | 2  |
| 35          | 71-7418     | Plate, bush retainer                          | 1          | 1         | 1  |
| 36          | 21-7083     | Screw, for 71-7418 fixing                     | 1          | 1         | 1  |
| 37          | 60-2330     | Washer, thrust for cush drive                 | 1          | 1         | 1  |
| 38          | 14-0402     | Nut, cush drive adjustment                    | 2          | 2         | 2  |
| 39          | 71-7242     | Gear, starter reduction 36-16T                | 1          | 1         | 1  |
| 40          | 71-7243     | Gear, starter reduction 36-11T                | 1          | 1         | 1  |
| 41          | 71-7436     | Gear, starter reduction 24T                   | 1          | 1         | 1  |
| 42          | 71-7379     | Plate, outrigger upper                        | 1          | 1         | 1  |
| 43          | 14-1202     | Nut, fixing outrigger plates                  | 2          | 2         | 2  |
| 44          | 21-7092     | Nut, fixing outrigger plates socket head      | 2          | 2         | 2  |

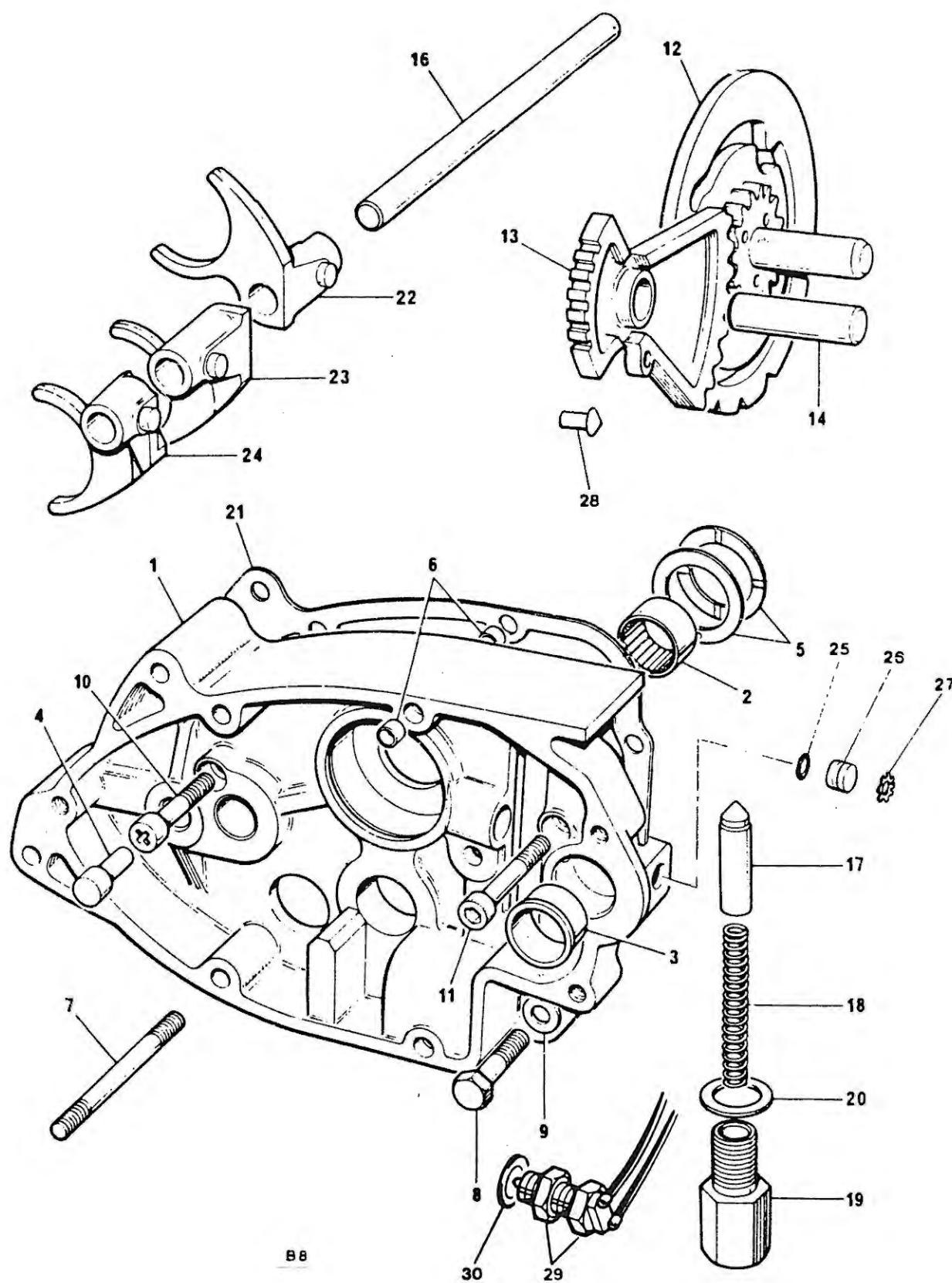


# TIMING COVER AND PULSE SENSOR (Cont.)

| Ref.<br>No. | Part<br>No. | Description                                                   | T140 |     |    |
|-------------|-------------|---------------------------------------------------------------|------|-----|----|
|             |             |                                                               | E2S  | LE  | EX |
|             |             |                                                               | Qty  | Req |    |
| 45          | 60-2428     | Washer, for 21-7092                                           | 2    | 2   | 2  |
| 46          | 71-7380     | Plate, outrigger lower                                        | 1    | 1   | 1  |
| 47          | 60-3719     | Switch, oil pressure                                          | 1    | 1   | 1  |
| NI          | 70-4144     | Cover, oil pressure switch                                    | 1    | 1   | 1  |
| NI          | 71-7421     | Cush drive assembly (comprising<br>lines 32, 33, 34, 35 & 36) | 1    | 1   | 1  |

NOTE: For sprag clutch information see page 13.

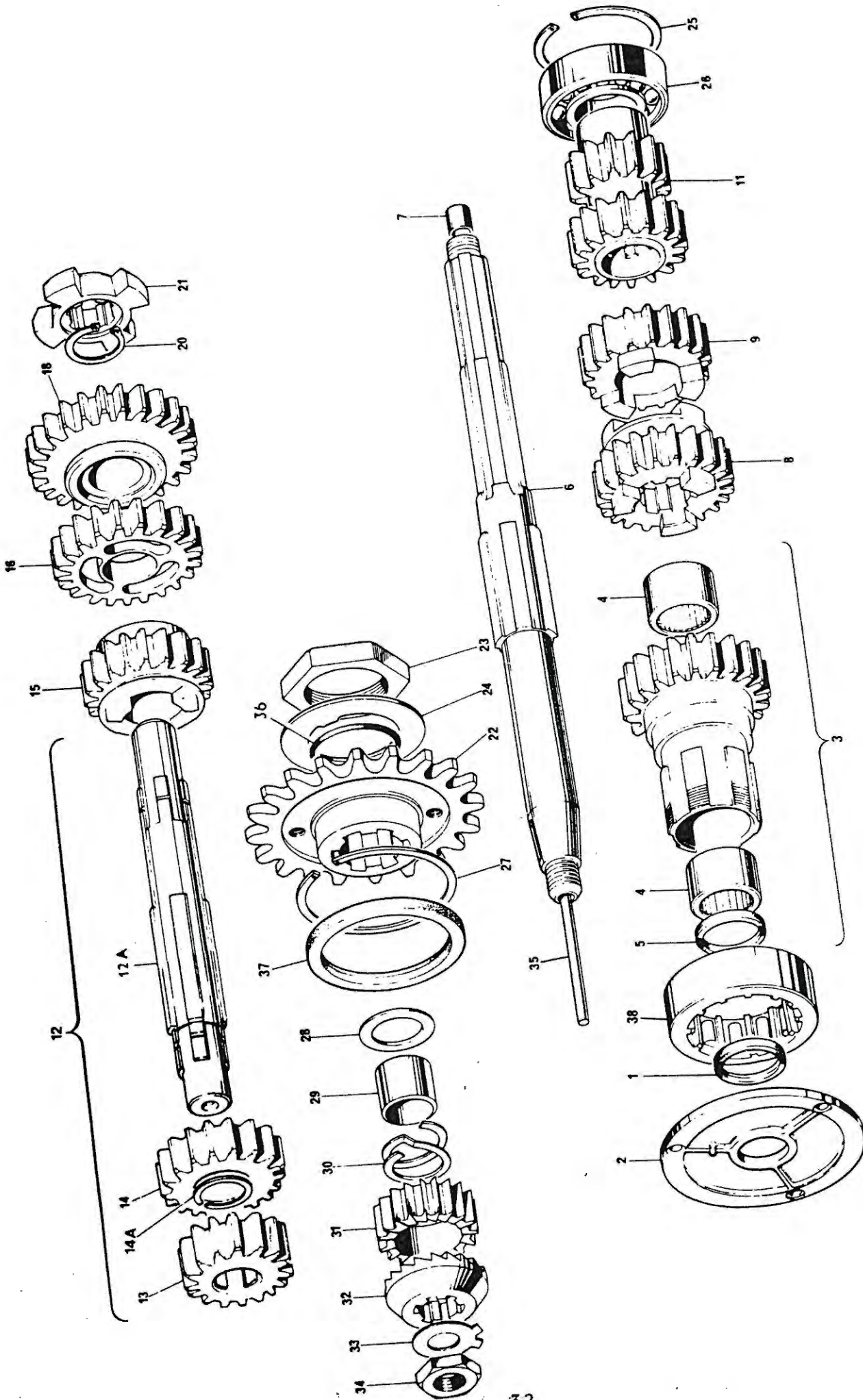




**GEARBOX INNER COVER AND SELECTORS**

# GEARBOX INNER COVER AND SELECTORS

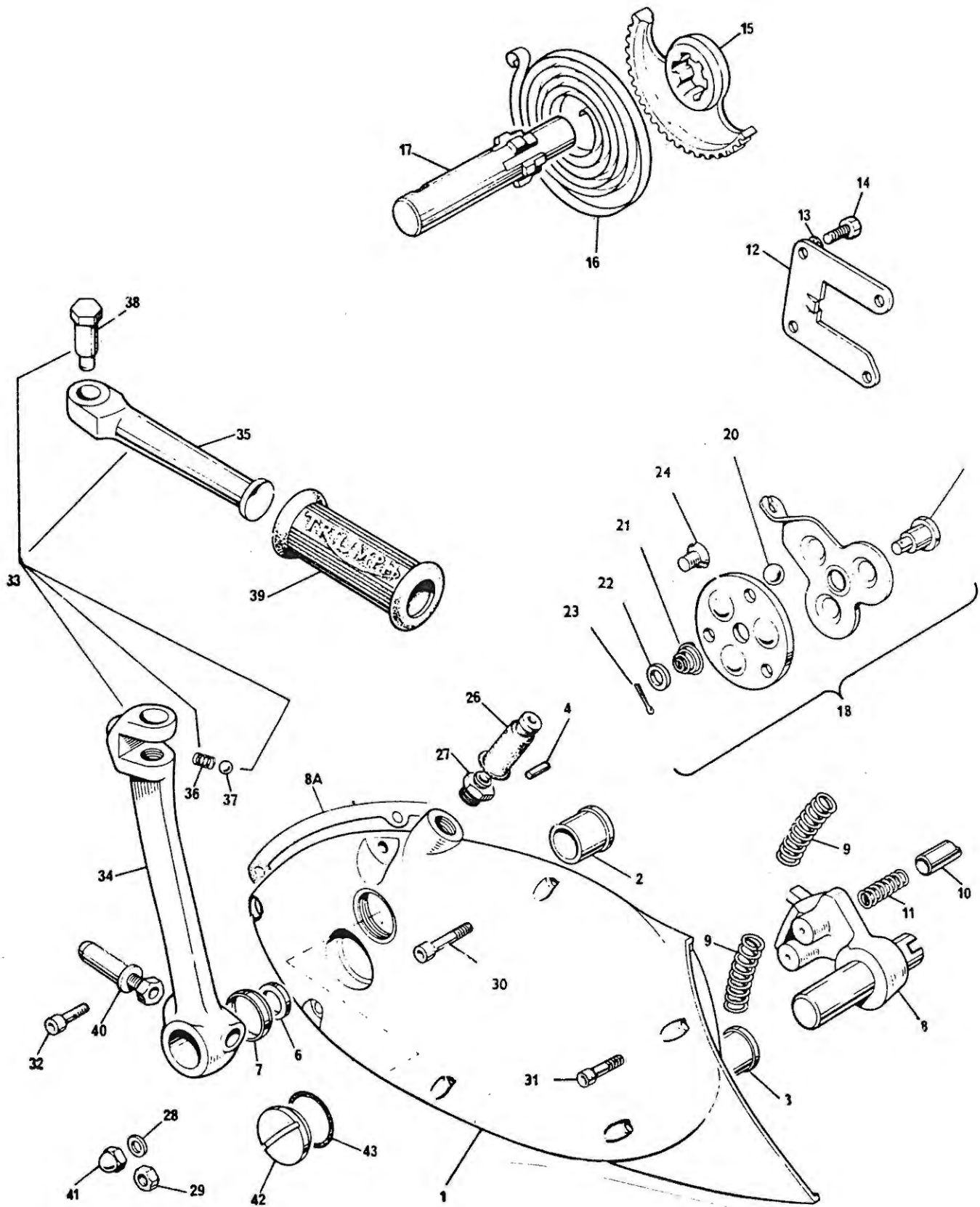
| Ref.<br>No. | Part<br>No. | Description                              | T140 |     |    |
|-------------|-------------|------------------------------------------|------|-----|----|
|             |             |                                          | E2S  | LE  | EX |
|             |             |                                          | Qty  | Req |    |
| 1           | 57-7049     | GEARBOX INNER COVER ASSEMBLY             | 1    |     | 1  |
| 1           | 57-7074     | GEARBOX INNER COVER ASSEMBLY             |      | 1   |    |
| 2           | 57-1614     | Bearing, needle layshaft R/H             | 1    | 1   | 1  |
| 3           | 57-7009     | Bush, gear change quadrant spindle       | 1    | 1   | 1  |
| 4           | 57-0045     | Stop, kickstart quadrant                 | 1    | 1   | 1  |
| 5           | 57-1607     | Washer, thrust layshaft                  | 2    | 2   | 2  |
| 6           | 57-0989     | Dowel, locating inner to outer G/B cover | 4    | 4   | 4  |
| 7           | 21-2149     | Stud, inner to outer G/B cover           | 2    | 2   | 2  |
| 8           | 21-1907     | Bolt, inner cover to crankcase           | 1    | 1   | 1  |
| 9           | 70-3446     | Washer, for 21-1907                      | 1    | 1   | 1  |
| 10          | 14-6608     | Screw, inner cover to crankcase          | 1    | 1   | 1  |
| 11          | 14-7023     | Screw, inner cover to crankcase          | 1    | 1   | 1  |
| 12          | 57-4889     | Camplate, gear change                    | 1    | 1   | 1  |
| 13          | 57-7052     | Quadrant, c/w neutral operating pin      | 1    | 1   | 1  |
| 14          | 57-7011     | Spindle, quadrant                        | 1    | 1   | 1  |
| 16          | 57-3989     | Rod, selector forks                      | 1    | 1   | 1  |
| 17          | 57-7020     | Plunger, camplate index                  | 1    | 1   | 1  |
| 18          | 57-4459     | Spring, camplate index plunger           | 1    | 1   | 1  |
| 19          | 57-4400     | Housing, camplate index plunger          | 1    | 1   | 1  |
| 20          | 57-3978     | Washer, for 57-4400                      | 1    | 1   | 1  |
| 21          | 57-7012     | Gasket, inner cover to crankcase         | 1    | 1   | 1  |
| 22          | 57-4364     | Fork, selector mainshaft 4th gear        | 1    | 1   | 1  |
| 23          | 57-4366     | Fork, selector layshaft 3rd gear         | 1    | 1   | 1  |
| 24          | 57-4660     | Fork, selector layshaft 1st gear         | 1    | 1   | 1  |
| 25          | 37-3761     | O'Ring for 57-7015                       | 1    | 1   | 1  |
| 26          | 57-7015     | Plug, quadrant spindle                   | 1    | 1   | 1  |
| 27          | 57-7016     | Retainer, for 57-7015                    | 1    | 1   | 1  |
| 28          | 57-7041     | Pin, operating neutral switch            | 1    | 1   | 1  |
| 29          | 33906       | Switch, neutral c/w locknut              | 1    | 1   | 1  |
| 30          | 70-1335     | Washer, for 33906                        | 1    | 1   | 1  |



GEARBOX SHAFTS AND GEARS

# GEARBOX SHAFTS AND GEARS

|      |         |                                        | T140 |     |    |
|------|---------|----------------------------------------|------|-----|----|
| Ref. | Part    |                                        | E2S  | LE  | EX |
| No.  | No.     | Description                            | Qty  | Req |    |
| 1    | 60-3500 | Seal, oil gearbox sprocket cover plate | 1    | 1   | 1  |
| 2    | 70-3789 | Plate, cover gearbox sprocket          | 1    | 1   | 1  |
| 3    | 57-4779 | MAINSHAFT HIGH GEAR ASSEMBLY           | 1    | 1   | 1  |
| 4    | 60-3511 | Bearing, needle roller                 | 2    | 2   | 2  |
| 5    | 60-3500 | Seal, oil mainshaft high gear          | 1    | 1   | 1  |
| 6    | 57-4432 | MAINSHAFT C/W CLUTCHROD BUSH           | 1    | 1   | 1  |
| 7    | 57-3988 | Bush, clutch pushrod                   | 1    | 1   | 1  |
| 8    | 57-4376 | Mainshaft 4th gear                     | 1    | 1   | 1  |
| 9    | 57-4377 | Mainshaft 3rd gear c/w bush            | 1    | 1   | 1  |
| 11   | 57-4653 | Mainshaft 1st and 2nd gear             | 1    | 1   | 1  |
| 12   | 57-4900 | LAYSHAFT C/W HIGH AND 4TH GEAR         | 1    | 1   | 1  |
| 12A  | 57-4901 | Layshaft, bare                         | 1    | 1   | 1  |
| 13   | 57-4791 | Layshaft, high gear                    | 1    | 1   | 1  |
| 14   | 57-4787 | Layshaft, 4th gear c/w bush            | 1    | 1   | 1  |
| 14A  | 57-4790 | Circlip, for 57-4791                   | 1    | 1   | 1  |
| 15   | 57-4647 | Layshaft 3rd gear                      | 1    | 1   | 1  |
| 16   | 57-4657 | Layshaft 2nd gear c/w bush             | 1    | 1   | 1  |
| 18   | 57-4654 | Layshaft 1st gear c/w bush             | 1    | 1   | 1  |
| 20   | 60-3494 | Circlip, layshaft                      | 1    | 1   | 1  |
| 21   | 57-4661 | Driving Dog, layshaft 1st gear         | 1    | 1   | 1  |
| 22   | 57-4782 | Sprocket, gearbox 20T                  | 1    | 1   | 1  |
| 22   | 57-4783 | Sprocket, gearbox 19T                  | A    | A   | A  |
| 22   | 57-4784 | Sprocket, gearbox 18T                  | A    | A   | A  |
| 23   | 57-4396 | Nut, gearbox sprocket                  | 1    | 1   | 1  |
| 24   | 57-4909 | Washer, for 57-4396                    | 1    | 1   | 1  |
| 25   | 70-0489 | Circlip, mainshaft bearing             | 1    | 1   | 1  |
| 26   | 60-3552 | Bearing, mainshaft                     | 1    | 1   | 1  |
| 27   | 57-4113 | Circlip, mainshaft bearing             | 1    | 1   | 1  |
| 28   | 57-1962 | Washer, kickstarter sleeve             | 1    | 1   | 1  |
| 29   | 57-1963 | Sleeve, kickstarter pinion             | 1    | 1   | 1  |
| 30   | 57-1250 | Spring, kickstarter pinion             | 1    | 1   | 1  |
| 31   | 57-0730 | Pinion, kickstarter                    | 1    | 1   | 1  |
| 32   | 57-0731 | Ratchet, kickstarter                   | 1    | 1   | 1  |
| 33   | 57-2240 | Washer, for 21-0594                    | 1    | 1   | 1  |
| 34   | 21-0594 | Nut, mainshaft                         | 1    | 1   | 1  |
| 35   | 57-1736 | Rod, clutch operating                  | 1    | 1   | 1  |
| 36   | 71-1070 | O'Ring, gearbox sprocket               | 1    | 1   | 1  |
| 37   | 60-3512 | Seal, oil gearbox sprocket             | 1    | 1   | 1  |
| 38   | 60-4100 | Bearing, mainshaft high gear           | 1    | 1   | 1  |



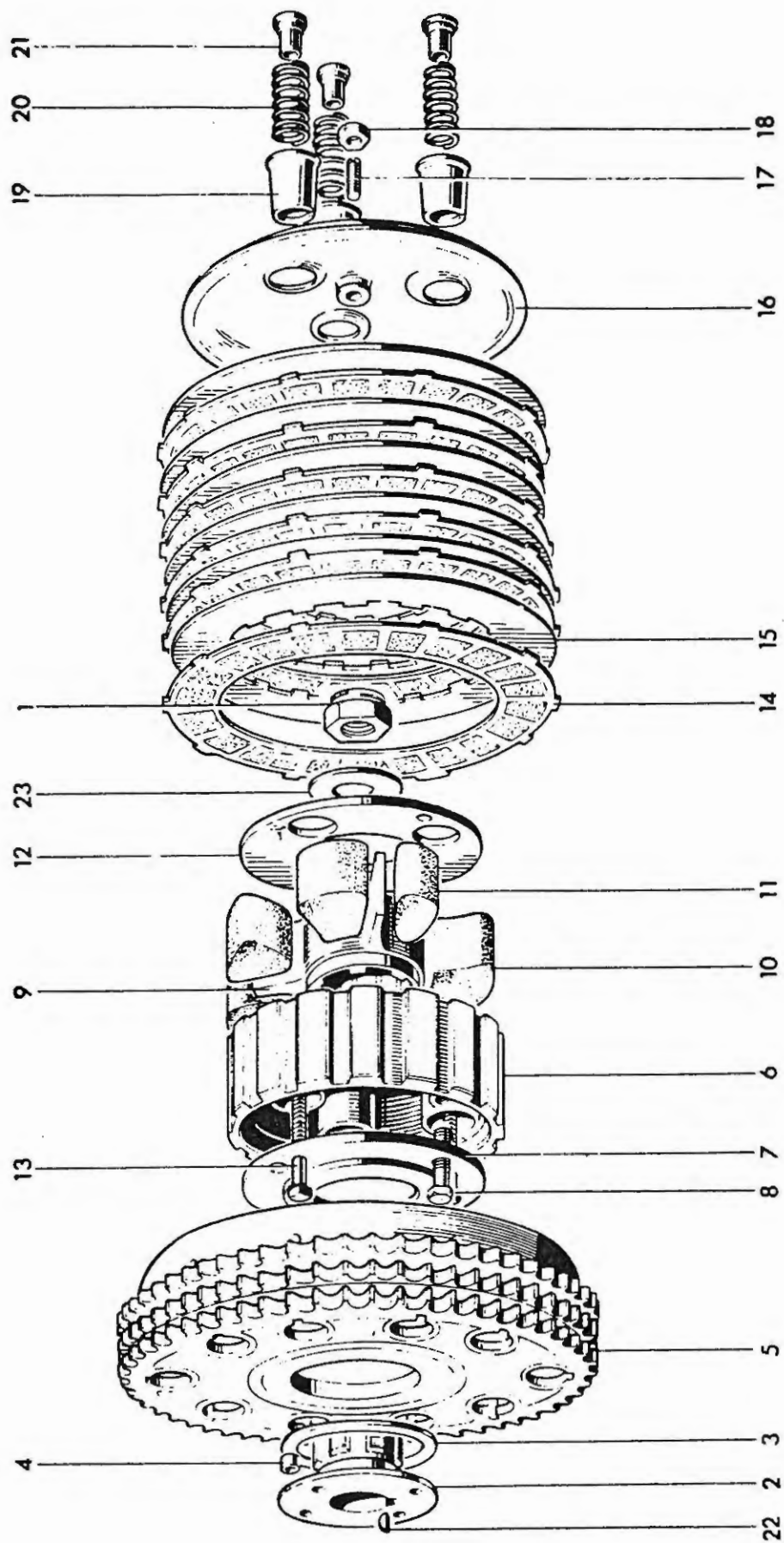
**GEARBOX OUTER COVER**



# GEARBOX OUTER COVER - FOLDING KICKSTARTER

|      |          |                                        | T140 |     |    |
|------|----------|----------------------------------------|------|-----|----|
| Ref. | Part     |                                        | E2S  | LE  | EX |
| No.  | No.      | Description                            | Qty  | Req |    |
| 1    | 57-7014  | GEARBOX OUTER COVER ASSEMBLY           | 1    | 1   | 1  |
| 2    | 57-0023  | Bush, kickstarter axle shaft           | 1    | 1   | 1  |
| 3    | 57-7008  | Bush, gearchange quadrant              | 1    | 1   | 1  |
| 4    | 57-0047  | Pin, kickstarter spring anchor         | 1    | 1   | 1  |
| 6    | 57-1956  | Seal, oil kickstarter axle shaft       | 1    | 1   | 1  |
| 7    | 57-1955  | Housing, for 57-1956                   | 1    | 1   | 1  |
| 8    | 57-7021  | Quadrant, gear change                  | 1    | 1   | 1  |
| 8A   | 71-1448  | Gasket, gearbox outer cover            | 1    | 1   | 1  |
| 9    | 57-7051  | Spring, gear change quadrant           | 1    | 1   | 1  |
| 10   | 57-4403  | Plunger, gear change quadrant          | 2    | 2   | 2  |
| 11   | 57-0405  | Spring, for 57-4403                    | 2    | 2   | 2  |
| 12   | 57-0407  | Plate, guide gear change plunger       | 1    | 1   | 1  |
| 13   | 70-1612  | Washer, for 14-6103                    | 4    | 4   | 4  |
| 14   | 15-6103  | Bolt, for 57-0407 fixing               | 4    | 4   | 4  |
| 15   | 57-4117  | Quadrant, kickstarter                  | 1    | 1   | 1  |
| 16   | 57-0031  | Spring, kickstarter return             | 1    | 1   | 1  |
| 17   | 57-4756  | Axle shaft, kickstarter                | 1    | 1   | 1  |
| 18   | 57-7033X | CLUTCH OPERATING LEVER ASSEMBLY        | 1    | 1   | 1  |
| 19   | 57-1710  | Shaft, clutch release                  | 1    | 1   | 1  |
| 20   | 60-2368  | Ball, clutch release                   | 3    | 3   | 3  |
| 21   | 57-1712  | Spring, clutch release                 | 1    | 1   | 1  |
| 22   | 57-3673  | Washer, for 57-1712                    | 1    | 1   | 1  |
| 23   | 60-2701  | Pin, for 57-1712 retaining             | 1    | 1   | 1  |
| 24   | 21-1879  | Screw, clutch operating lever fixing   | 2    | 2   | 2  |
| 26   | 57-1646  | Cover, clutch cable at G/B outer cover | 1    | 1   | 1  |
| 27   | 57-3762  | Abutment, clutch cable                 | 1    | 1   | 1  |
| 28   | 60-4247  | Washer, for 21-0544 & 14-1302          | 2    | 2   | 2  |
| 29   | 14-1302  | Nut, outer cover to inner cover fixing | 1    | 1   | 1  |
| 30   | 14-7013  | Screw, outer cover to crankcase        | 2    | 2   | 2  |
| 31   | 14-7007  | Screw, outer cover to inner cover      | 2    | 2   | 2  |
| 32   | 14-7006  | Screw, outer cover to inner cover      | 1    | 1   | 1  |
| 33   | 57-7018  | FOLDING KICKSTARTER ASSEMBLY           | 1    | 1   | 1  |
| 34   | 57-2173  | Crank, kickstarter                     | 1    | 1   | 1  |
| 35   | 57-7017  | Pedal, kickstarter                     | 1    | 1   | 1  |
| 36   | 57-1167  | Spring, pedal locating                 | 1    | 1   | 1  |
| 37   | 60-2364  | Ball, pedal                            | 1    | 1   | 1  |
| 38   | 21-0541  | Bolt, pedal                            | 1    | 1   | 1  |
| 39   | 57-2330  | Rubber, pedal                          | 1    | 1   | 1  |
| 40   | 57-4356  | Pin, kickstarter crank to axle shaft   | 1    | 1   | 1  |
| 41   | 21-0544  | Nut, dome outcover fixing              | 1    | 1   | 1  |
| 42   | 57-2166  | Plug, oil filler                       | 1    | 1   | 1  |
| 43   | 70-8782  | O'Ring, for 57-2166                    | 1    | 1   | 1  |

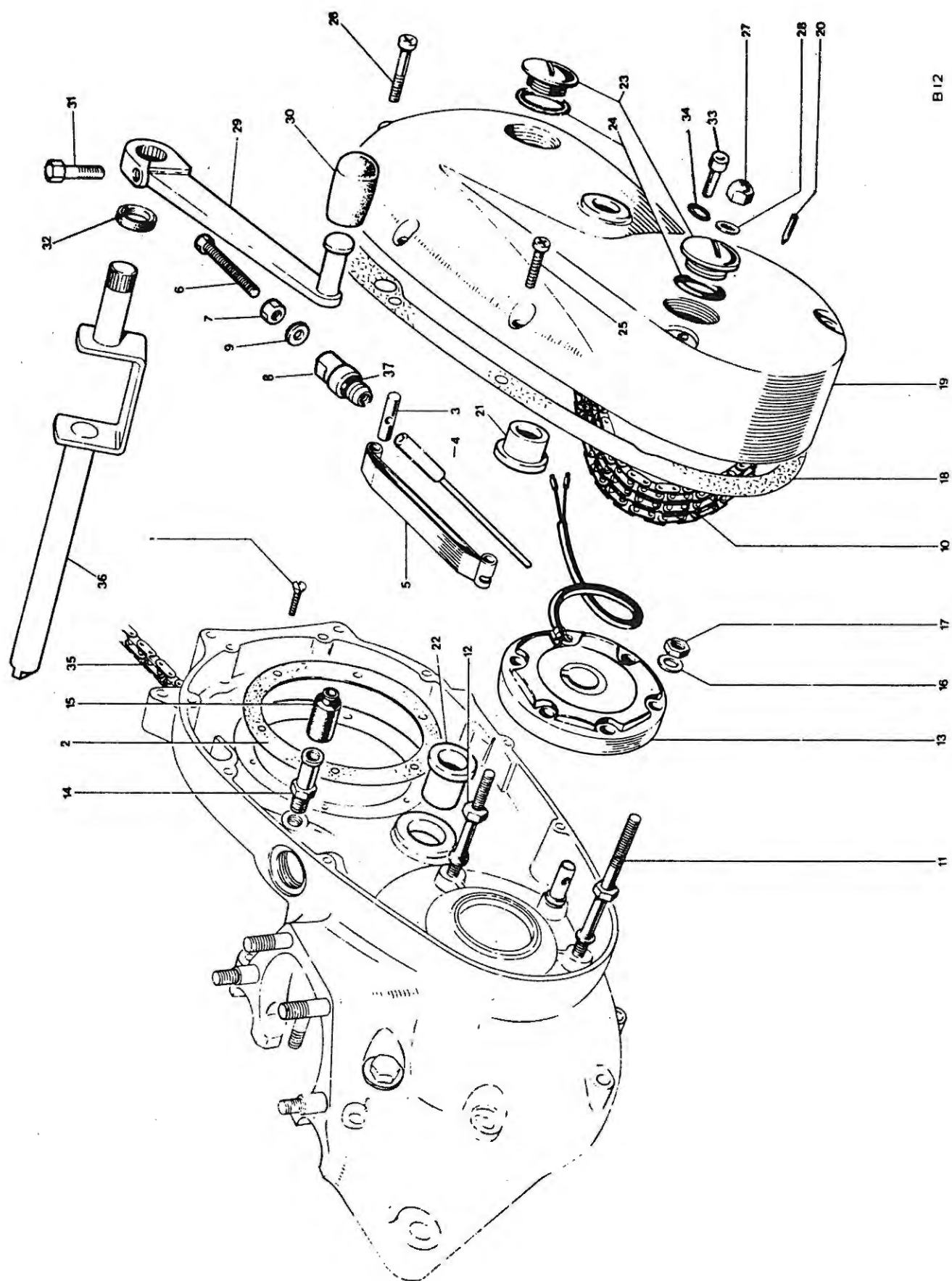




CLUTCH

# CLUTCH

| Ref.<br>No. | Part<br>No. | Description                           | T140 |     |    |
|-------------|-------------|---------------------------------------|------|-----|----|
|             |             |                                       | E2S  | LE  | EX |
|             |             |                                       | Qty  | Req |    |
| 1           | 21-0586     | Nut, securing clutch to mainshaft     | 1    | 1   | 1  |
| 2           | 57-3929     | Hub, at sprocket end housing          | 1    | 1   | 1  |
| 3           | 57-3931     | Washer, thrust at clutch hub          | 1    | 1   | 1  |
| 4           | 57-0394     | Roller, for clutch hub                | 20   | 20  | 20 |
| 5           | 57-7065     | Sprocket and clutch housing           | 1    | 1   | 1  |
| 6           | 57-4438     | Center, clutch shock absorber         | 1    | 1   | 1  |
| 7           | 57-4436     | Plate, clutch shock absorber inner    | 1    | 1   | 1  |
| 8           | 21-2157     | Bolt, clutch shock absorber securing  | 3    | 3   | 3  |
| 9           | 57-4636     | Spider, clutch shock absorber         | 1    | 1   | 1  |
| 10          | 57-1722     | Rubber, drive clutch shock absorber   | 3    | 3   | 3  |
| 11          | 57-1723     | Rubber, rebound clutch shock absorber | 3    | 3   | 3  |
| 12          | 57-4437     | Plate, clutch shock absorber outer    | 1    | 1   | 1  |
| 13          | 57-4754     | Bolt, clutch spring adjusting         | 3    | 3   | 3  |
| 14          | 57-7058     | Plate, (bonded) driving               | 6    | 6   | 6  |
| 15          | 57-7060     | Plate, (steel) driven                 | 7    | 7   | 7  |
| 16          | 57-4590     | Pressure plate                        | 1    | 1   | 1  |
| 17          | 57-2159     | Pin, clutch rod adjusting             | 1    | 1   | 1  |
| 18          | 14-0403     | Nut, securing for 57-2159             | 1    | 1   | 1  |
| 19          | 57-1931     | Cup, clutch spring                    | 3    | 3   | 3  |
| 20          | 57-1830     | Spring, clutch                        | 3    | 3   | 3  |
| 21          | 57-2526     | Nut, clutch spring adjusting          | 3    | 3   | 3  |
| 22          | 60-4253     | Key, clutch hub to mainshaft          | 1    | 1   | 1  |
| 23          | 57-4794     | Washer, mainshaft securing nut        | 1    | 1   | 1  |

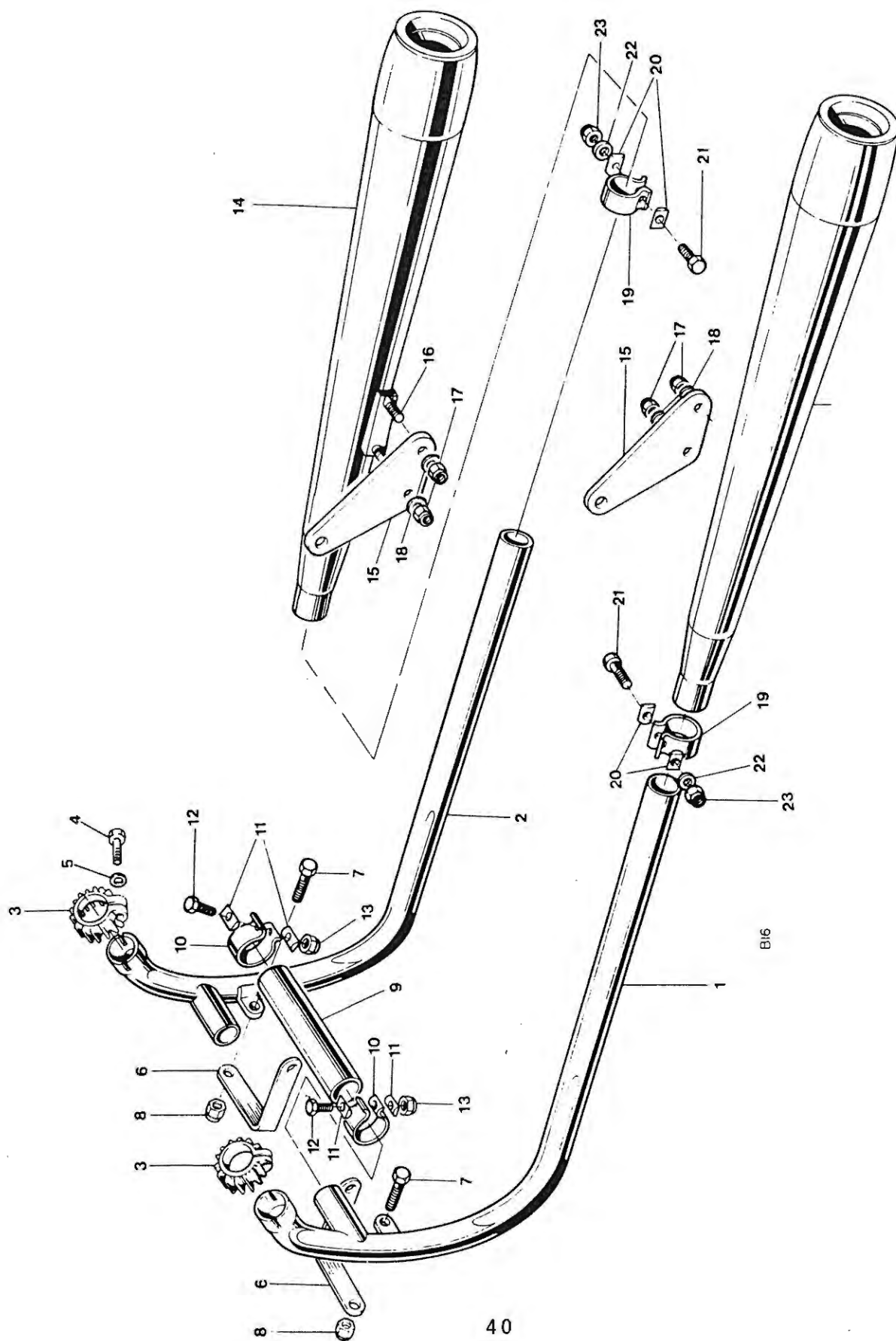


B 12

# CHAINCASE AND CHAINS

# PRIMARY CHAINCASE - DRIVE CHAINS

| Ref.<br>No. | Part<br>No. | Description                                 | T140 |     |    |
|-------------|-------------|---------------------------------------------|------|-----|----|
|             |             |                                             | E2S  | LE  | EX |
|             |             |                                             | Qty  | Req |    |
| 1           | 70-3821     | Screw, fixing G/B sprocket inspection plate | 6    | 6   | 6  |
| 2           | 71-1419     | Gasket, gearbox sprocket inspection plate   | 1    | 1   | 1  |
| 3           | 70-5087     | Trunion, primary chain tensioner            | 1    | 1   | 1  |
| 4           | 71-7255     | Tie rod, primary chain tensioner            | 1    | 1   | 1  |
| 5           | 70-5085     | Blade, primary chain tensioner              | 1    | 1   | 1  |
| 6           | 21-7064     | Screw, adjusting primary chain tensioner    | 1    | 1   | 1  |
| 7           | 14-0401     | Nut, for 21-7064                            | 1    | 1   | 1  |
| 8           | 71-7259     | Plug, primary chain tensioner               | 1    | 1   | 1  |
| 9           | 60-7268     | Washer, for 14-0401                         | 1    | 1   | 1  |
| 10          | 60-4125     | Chain, primary 3/8" triplex X 84 links      | 1    | 1   | 1  |
| 11          | 21-2199     | Stud, fixing alternator to crankcase        | 2    | 2   | 2  |
| 12          | 21-2198     | Stud, fixing alternator to crankcase        | 1    | 1   | 1  |
| 13          | 47244       | Alternator assembly                         | 1    | 1   | 1  |
| 14          | 70-9360     | Sleeve nut, alternator lead wire            | 1    | 1   | 1  |
| 15          | 70-4144     | Cover, alternator lead wire                 | 1    | 1   | 1  |
| 16          | 60-4247     | Washer, for 21-1852                         | 3    | 3   | 3  |
| 17          | 21-1852     | Nut, alternator fixing                      | 3    | 3   | 3  |
| 18          | 71-7009     | Gasket, primary cover                       | 1    | 1   | 1  |
| 19          | 71-7464     | PRIMARY CHAINCASE COVER                     | 1    | 1   | 1  |
| 20          | 71-3892     | Pointer, timing                             | 1    | 1   | 1  |
| 21          | 57-7055     | Bush, footchange spindle                    | 1    | 1   | 1  |
| 22          | 57-7009     | Bush, footchange spindle at crankcase       | 1    | 1   | 1  |
| 23          | 71-3895     | Plug, inspection primary cover              | 2    | 2   | 2  |
| 24          | 71-3896     | O'Ring, for 71-3895                         | 2    | 2   | 2  |
| 25          | 14-7006     | Screw, primary cover fixing                 | 6    | 6   | 6  |
| 26          | 14-7019     | Screw, primary cover fixing                 | 2    | 2   | 2  |
| 27          | 21-0544     | Nut, dome primary cover fixing              | 2    | 2   | 2  |
| 28          | 82-1880     | Washer, for 21-0544                         | 2    | 2   | 2  |
| 29          | 57-7010     | Pedal, gear change                          | 1    | 1   | 1  |
| 30          | 57-2331     | Rubber, gear change pedal                   | 1    | 1   | 1  |
| 31          | 14-0201     | Bolt, gear change pedal fixing              | 1    | 1   | 1  |
| 32          | 57-1956     | Seal, oil gear change spindle shaft         | 1    | 1   | 1  |
| 33          | 14-7017     | Plug, drain primary cover                   | 1    | 1   | 1  |
| 34          | 70-6299     | O'Ring, for 14-7017                         | 1    | 1   | 1  |
| 35          | 60-1915     | Chain, rear 5/8" X 3/8" X 106 links         | 1    | 1   | 1  |
| 36          | 57-7062     | Gear change spindle shaft                   | 1    | 1   | 1  |
| 37          | 70-6299     | O'Ring, for 71-7259 Ref. No. 8              | 1    | 1   | 1  |

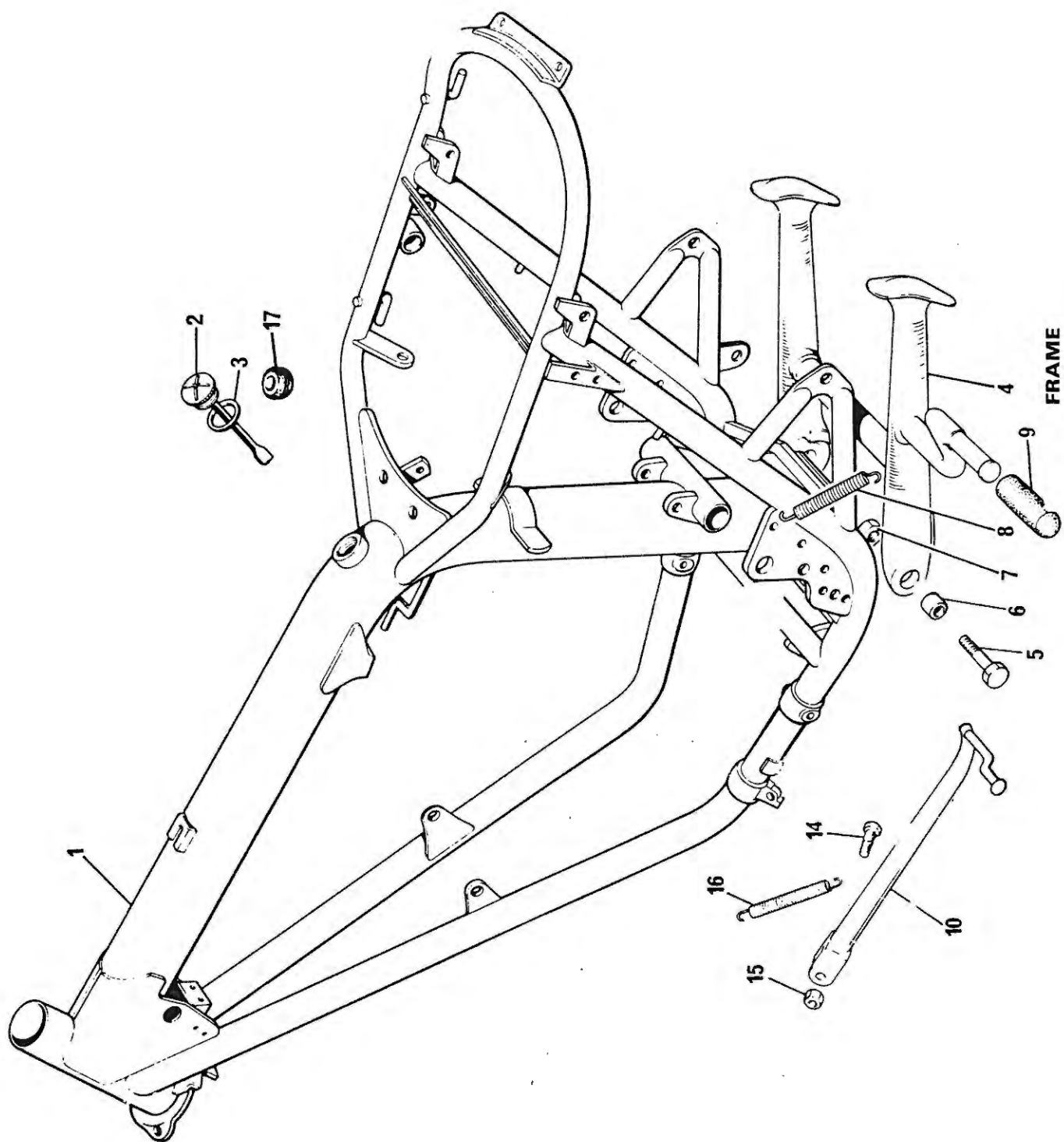


EXHAUST PIPES AND SILENCERS

# EXHAUST PIPES - MUFFLERS

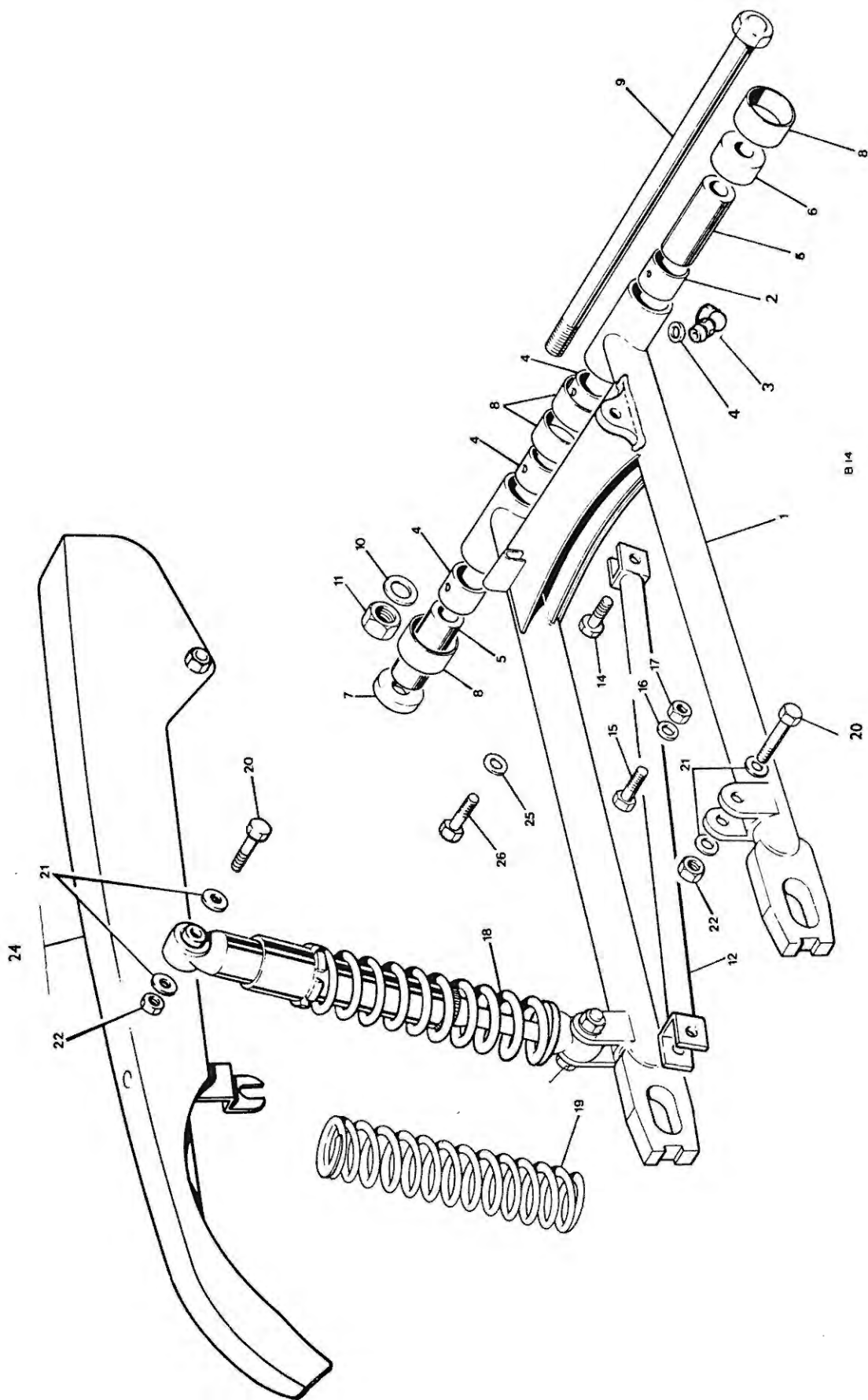
| Ref.<br>No. | Part<br>No. | Description                        | T140 |     |    |
|-------------|-------------|------------------------------------|------|-----|----|
|             |             |                                    | E2S  | LE  | EX |
|             |             |                                    | Qty  | Req |    |
| 1           | 71-7507     | Exhaust pipe - left                | 1    | 1   | 1  |
| 2           | 71-7508     | Exhaust pipe - right               | 1    | 1   | 1  |
| 3           | 71-0216     | Clip, finned at cylinder head      | 2    | 2   | 2  |
| 4           | 70-6744     | Bolt, for 71-0216                  | 2    | 2   | 2  |
| 5           | 70-8860     | Washer, for 70-6744                | 2    | 2   | 2  |
| 6           | 70-6857     | Bracket, exhaust pipe to crankcase | 2    | 2   | 2  |
| 7           | 14-0102     | Bolt, for 70-6857                  | 2    | 2   | 2  |
| 8           | 14-1301     | Nut, for 14-0102                   | 2    | 2   | 2  |
| 9           | 70-9888     | Pipe, coupling exhaust             | 1    | 1   | 1  |
| 10          | 70-7512     | Clip, for 70-9888                  | 2    | 2   | 2  |
| 11          | 70-3768     | D'Washer, for 70-7512              | 4    | 4   | 4  |
| 12          | 14-0217     | Bolt, for 70-7512                  | 2    | 2   | 2  |
| 13          | 14-1202     | Nut, for 14-0217                   | 2    | 2   | 2  |
| 14          | 71-4159     | Muffler                            | 2    | 2   | 2  |
| 15          | 83-7582     | Hanger, muffler                    | 2    | 2   | 2  |
| 16          | 14-0102     | Bolt, muffler to hanger            | 4    | 4   | 4  |
| 17          | 14-1201     | Nut, for 14-0102                   | 4    | 4   | 4  |
| 18          | 60-2338     | Washer, for 14-1201                | 4    | 4   | 4  |
| 19          | 70-5874     | Clip, exhaust pipe to muffler      | 2    | 2   | 2  |
| 20          | 70-3768     | D'Washer, for 70-5874              | 4    | 4   | 4  |
| 21          | 14-0219     | Bolt, for 70-5874                  | 2    | 2   | 2  |
| 22          | 60-4247     | Washer, for 14-1202                | 2    | 2   | 2  |
| 23          | 14-1202     | Nut, for 14-0219                   | 2    | 2   | 2  |





# FRAME - CENTER STAND - SIDE STAND

| Ref.<br>No. | Part<br>No. | Description                        | T140 |     |    |
|-------------|-------------|------------------------------------|------|-----|----|
|             |             |                                    | E2S  | LE  | EX |
|             |             |                                    | Qty  | Req |    |
| 1           | 83-7537     | FRAME ASSEMBLY                     | 1    | 1   | 1  |
| 2           | 71-3463     | Oil cap c/w dipstick               | 1    | 1   | 1  |
| 3           | 60-3616     | O'Ring, for 71-3463                | 1    | 1   | 1  |
| 4           | 83-7532     | CENTER STAND                       | 1    | 1   | 1  |
| 5           | 14-0147     | Bolt, center stand pivot           | 2    | 2   | 2  |
| 6           | 83-7460     | Bush, center stand pivot           | 2    | 2   | 2  |
| 7           | 14-1305     | Nut, for 14-0147                   | 2    | 2   | 2  |
| 8           | 83-3793     | Spring, center stand return        | 1    | 1   | 1  |
| 9           | 57-2331     | Rubber, center stand extension arm | 1    | 1   | 1  |
| 10          | 83-7553     | SIDE STAND                         | 1    | 1   | 1  |
| 14          | 82-7021     | Bolt, side stand pivot             | 1    | 1   | 1  |
| 15          | 14-1303     | Nut, for 82-7021                   | 1    | 1   | 1  |
| 16          | 82-8382     | Spring, side stand return          | 1    | 1   | 1  |
| NI          | 60-3361     | Decal, "Made in England"           | 1    | 1   | 1  |
| 17          | 82-6784     | Grommet, battery leads             | 2    | 2   | 2  |

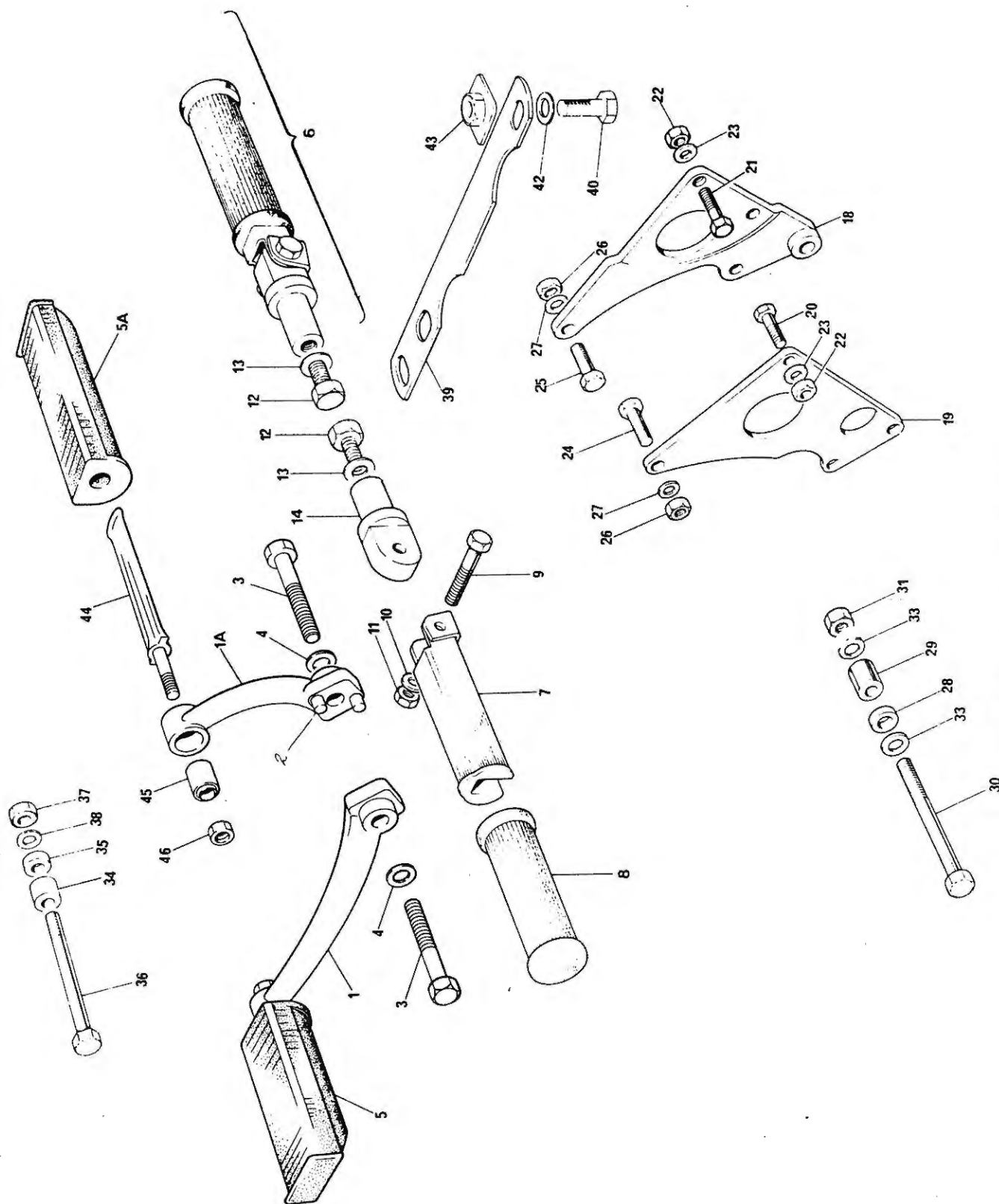


B 14

# SWINGING ARM AND SUSPENSION UNITS

# SWINGING ARM - SUSPENSION UNITS - CHAINGAURD

| Ref.<br>No. | Part<br>No. | Description                                    | T140       |           |    |
|-------------|-------------|------------------------------------------------|------------|-----------|----|
|             |             |                                                | E2S<br>Qty | LE<br>Req | EX |
| 1           | 83-7510     | SWINGING ARM ASSEMBLY                          | 1          | 1         | 1  |
| 2           | 83-2521     | Bush, swinging arm                             | 4          | 4         | 4  |
| 3           | 60-7336     | Zerk, grease (angled)                          | 1          | 1         | 1  |
| 4           | 21-7097     | Washer, for 60-7336                            | 1          | 1         | 1  |
| 5           | 83-2691     | Sleeve, swinging arm pivot                     | 2          | 2         | 2  |
| 6           | 83-2690     | Spacer, swinging arm R/H                       | 1          | 1         | 1  |
| 7           | 83-2689     | Spacer, swinging arm L/H                       | 1          | 1         | 1  |
| 8           | 83-2692     | Excluder, debris                               | 4          | 4         | 4  |
| 9           | 21-2087     | Bolt, swinging arm pivot                       | 1          | 1         | 1  |
| 10          | 83-2266     | Washer, for 21-2087                            | 2          | 2         | 2  |
| 11          | 14-1307     | Nut, for 21-2087                               | 1          | 1         | 1  |
| 12          | 83-8171     | Torque strut, rear brake                       | 1          | 1         | 1  |
| 14          | 21-7047     | Bolt, fixing torque strut at swinging arm      | 1          | 1         | 1  |
| 15          | 21-7065     | Bolt, fixing torque strut at caliper           | 1          | 1         | 1  |
| 16          | 60-2331     | Washer, for Ref. No. 14 & 15                   | 2          | 2         | 2  |
| 17          | 14-1803     | Nut, for Ref. No. 14 & 15                      | 2          | 2         | 2  |
| 18          | 60-7540     | SUSPENSION UNIT                                |            | 2         | 2  |
| 18          | 60-7549     | SUSPENSION UNIT                                | 2          |           |    |
| 19          |             | Spring, suspension unit                        |            | 2         | 2  |
| 19          |             | Spring, suspension unit                        | 2          |           |    |
| 20          | 14-0235     | Bolt, fixing suspension unit top<br>and bottom | 4          | 4         | 4  |
| 21          | 60-2331     | Washer, for 14-0235                            | 8          | 8         | 8  |
| 22          | 14-1303     | Nut, for 14-0235 (Btm. L/H)                    | 1          | 1         | 1  |
| 22          | 14-1203     | Nut, for 14-0235                               | 3          | 3         | 3  |
| 24          | 83-2641     | CHAINGUARD ASSEMBLY                            | 1          |           | 1  |
| 24          | 83-8156     | CHAINGUARD ASSEMBLY                            |            | 1         |    |
| 25          | 60-2347     | Washer, for 14-0206                            | 1          | 1         | 1  |
| 26          | 14-0206     | Bolt, fixing chainguard front                  | 1          | 1         | 1  |
| NI          | 60-1841     | Zerk, grease (straight)                        | 1          | 1         | 1  |
| NI          | 83-7221     | Washer, for 60-1841                            | 1          | 1         | 1  |

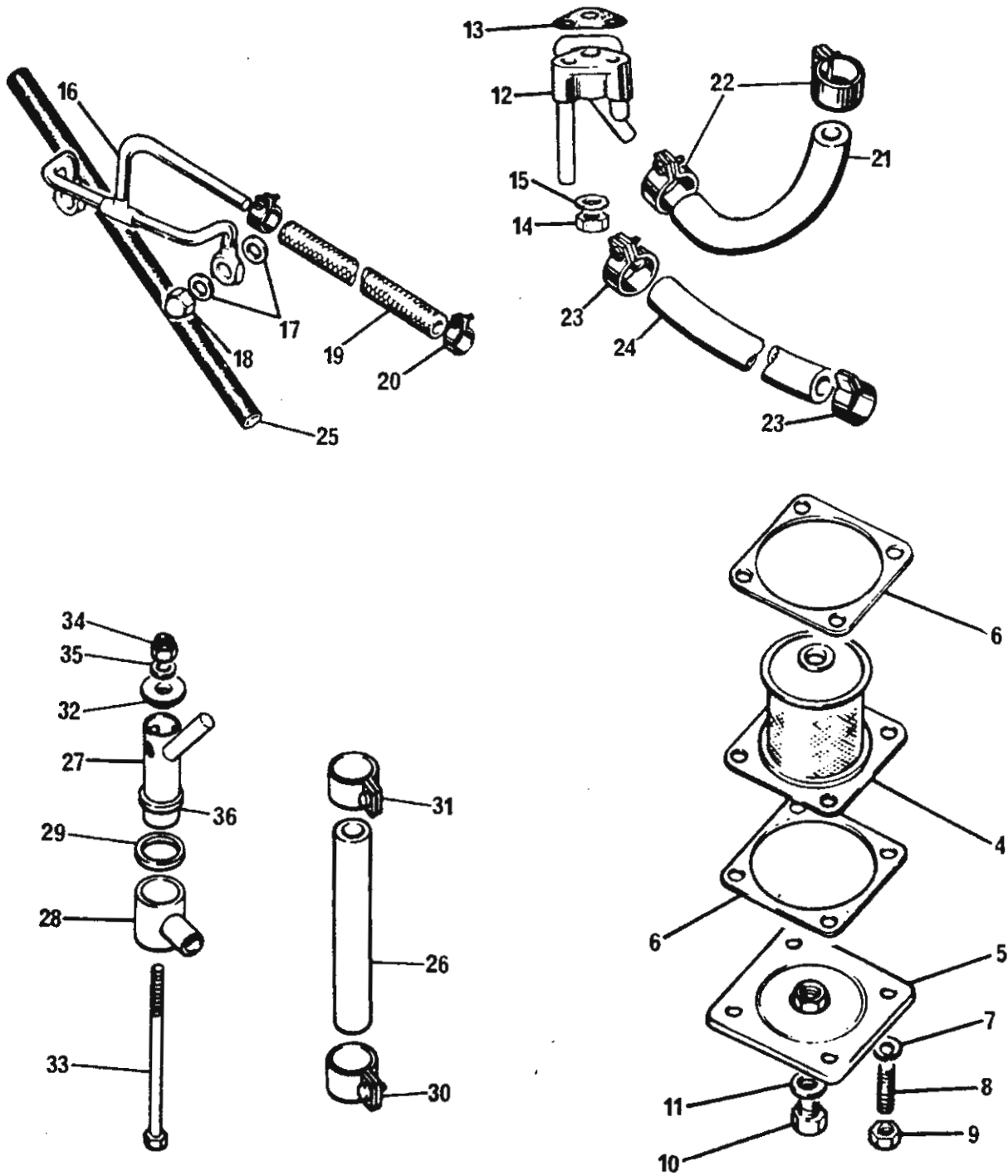


**MOTOR UNIT FITTINGS AND FOOTRESTS**

# ENGINE UNIT FITTINGS - FOOTRESTS

| Ref.<br>No. | Part<br>No. | Description                                           | T140       |           |           |
|-------------|-------------|-------------------------------------------------------|------------|-----------|-----------|
|             |             |                                                       | E2S<br>Qty | LE<br>Req | EX<br>Req |
| 1           | 83-8034     | Hanger, footrest L/H (rider)                          | 1          | 1         | 1         |
| 1A          | 83-8036     | Hanger, footrest R/H (rider)                          | 1          | 1         | 1         |
| 2           | 82-5943     | Peg, for Ref. 1 and 1A                                | 4          | 4         | 4         |
| 3           | 14-0259     | Bolt, fixing footrest hanger                          | 2          | 2         | 2         |
| 4           | 60-2421     | Washer, for 14-0259                                   | 2          | 2         | 2         |
| 5           | 83-7256     | Rubber, footrest L/H (rider)                          | 1          | 1         | 1         |
| 5A          | 83-7259     | Rubber, footrest R/H (rider)                          | 1          | 1         | 1         |
| 6           | 83-7695     | PILLION FOOTREST ASSEMBLY L/H & R/H                   | 2          | 2         | 2         |
| 7           | 83-7059     | Pedal, pillion footrest                               | 2          | 2         | 2         |
| 8           | 82-9054     | Rubber, pillion footrest                              | 2          | 2         | 2         |
| 9           | 14-0216     | Bolt, pedal to pillion footrest hanger                | 2          | 2         | 2         |
| 10          | 82-9089     | Washer, for 14-0216                                   | 2          | 2         | 2         |
| 11          | 14-1302     | Nut, for 14-0216                                      | 2          | 2         | 2         |
| 12          | 14-0128     | Bolt, pillion footrest hanger to frame                | 2          | 2         | 2         |
| 13          | 60-2419     | Washer, for 14-0218                                   | 2          | 2         | 2         |
| 14          | 83-7694     | Hanger, pillion footrest                              | 2          | 2         | 2         |
| 18          | 83-7011     | Plate, engine R/H rear                                | 1          | 1         | 1         |
| 19          | 83-7009     | Plate, engine L/H rear                                | 1          | 1         | 1         |
| 20          | 14-0115     | Bolt, fixing engine plates rear to frame              | 4          | 4         | 4         |
| 21          | 14-0218     | Bolt, fixing engine plate rear R/H<br>bottom to frame | 1          | 1         | 1         |
| 22          | 14-1302     | Nut, for 14-0115 & 14-0218                            | 5          | 5         | 5         |
| 23          | 60-2330     | Washer, for 14-0115 & 14-0218                         | 9          | 9         | 9         |
| 24          | 14-0220     | Bolt, fixing engine plate L/H to engine               | 2          | 2         | 2         |
| 25          | 14-0222     | Bolt, fixing engine plate R/H to engine<br>upper      | 1          | 1         | 1         |
| 25          | 14-0221     | Bolt, fixing engine plate R/H to engine<br>bottom     | 1          | 1         | 1         |
| 26          | 14-1302     | Nut, for 14-0220 & 14-0221 & 14-0222                  | 4          | 4         | 4         |
| 27          | 60-2321     | Washer, for 14-0220 & 14-0221 & 14-0222               | 8          | 8         | 8         |
| 28          | 83-2846     | Spacer, L/H engine to frame center bottom             | 1          | 1         | 1         |
| 29          | 83-2847     | Spacer, R/H engine to frame center bottom             | 1          | 1         | 1         |
| 30          | 21-2112     | Bolt, fixing engine to frame center bottom            | 1          | 1         | 1         |
| 31          | 14-1304     | Nut, for 21-2112                                      | 1          | 1         | 1         |
| 33          | 60-2332     | Washer, for 21-2112                                   | 1          | 1         | 1         |
| 34          | 83-2848     | Spacer, L/H engine to frame front                     | 1          | 1         | 1         |
| 35          | 83-2849     | Spacer, R/H engine to frame front                     | 1          | 1         | 1         |
| 36          | 14-0254     | Bolt, engine to frame front                           | 1          | 1         | 1         |
| 37          | 14-1304     | Nut, for 14-0254                                      | 1          | 1         | 1         |
| 38          | 60-2332     | Washer, for 14-0254                                   | 1          | 1         | 1         |
| 39          | 83-7467     | Bracket, engine steady to frame                       | 1          | 1         | 1         |
| 40          | 14-0128     | Bolt, fixing engine steady to frame                   | 1          | 1         | 1         |
| 42          | 60-2331     | Washer, for 14-0128                                   | 1          | 1         | 1         |
| 43          | 83-4086     | Plate, fixing for 14-0128                             | 1          | 1         | 1         |
| 44          | 83-8038     | Peg, footrest (rider)                                 | 2          | 2         | 2         |
| 45          | 60-7333     | Bonded Bush, for 83-8038                              | 2          | 2         | 2         |
| 46          | 14-1303     | Nut, for 83-8038                                      | 2          | 2         | 2         |

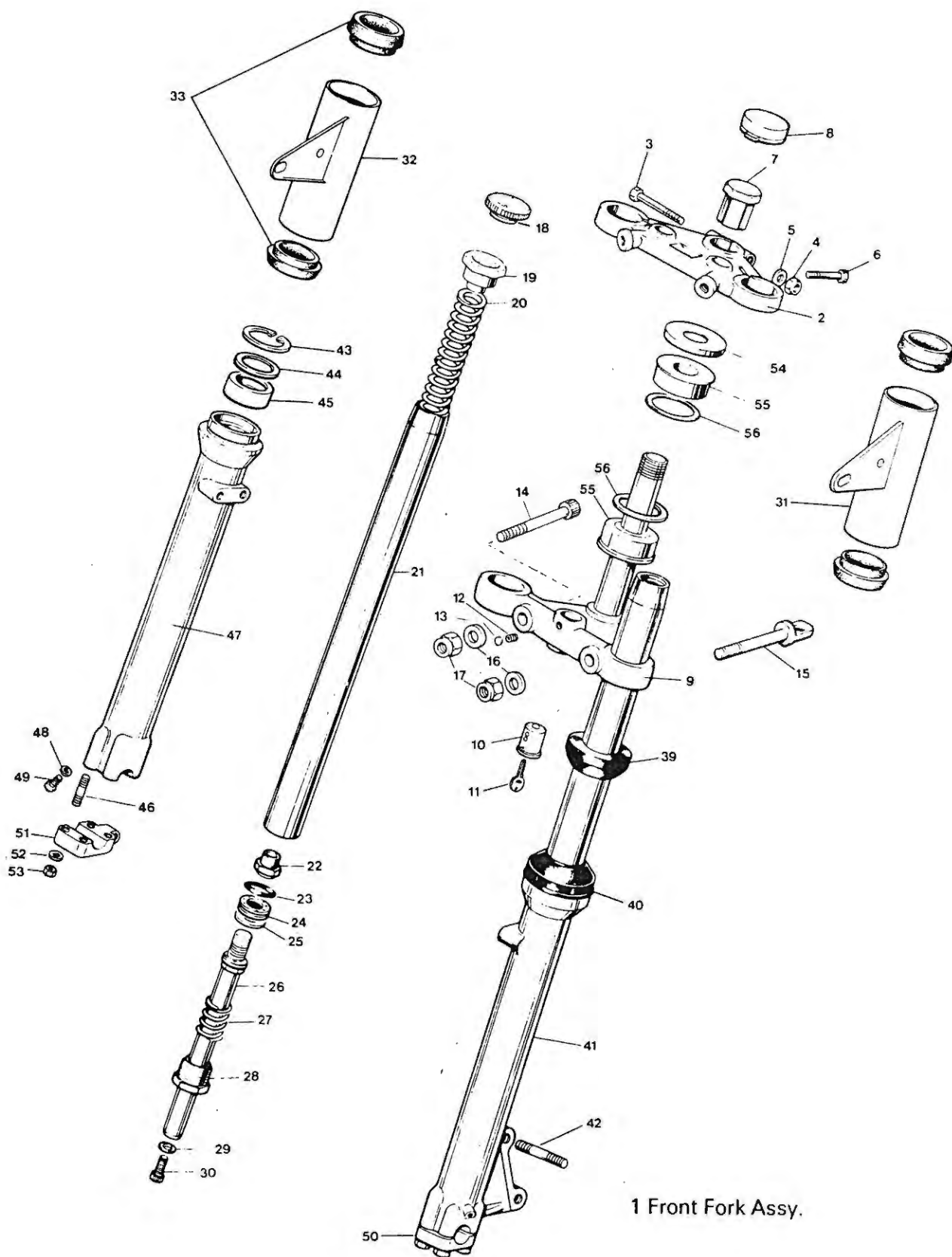




**OIL AND BREATHER PIPES**

# OIL FILTER - OIL BREATHER PIPES

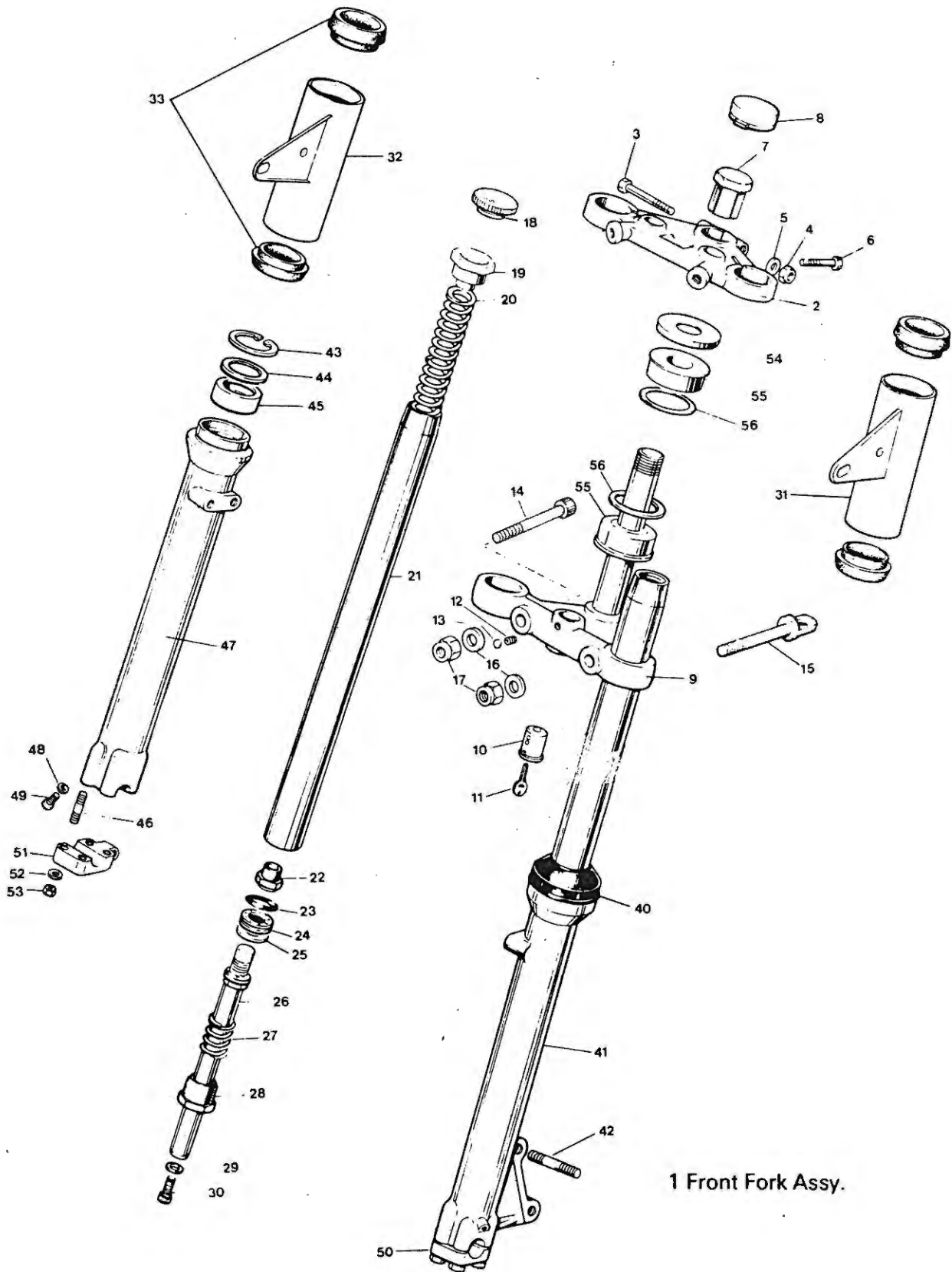
| Ref.<br>No. | Part<br>No. | Description                             | T140 |     |    |
|-------------|-------------|-----------------------------------------|------|-----|----|
|             |             |                                         | E2S  | LE  | EX |
|             |             |                                         | Qty  | Req |    |
| 4           | 83-4783     | Oil filter                              | 1    | 1   | 1  |
| 5           | 71-7584     | Plate, oil sump                         | 1    | 1   | 1  |
| 6           | 83-2829     | Gasket, for 83-4783                     | 2    | 2   | 2  |
| 7           | 60-2330     | Washer, for 21-2109                     | 4    | 4   | 4  |
| 8           | 21-2109     | Stud, fixing sump plate to frame        | 4    | 4   | 4  |
| 9           | 14-1302     | Nut, for 21-2109                        | 4    | 4   | 4  |
| 10          | 21-1872     | Plug, oil drain sump plate              | 1    | 1   | 1  |
| 11          | 37-3761     | O'Ring, for 21-1872                     | 1    | 1   | 1  |
| 12          | 71-7176     | Oil junction block                      | 1    | 1   | 1  |
| 13          | 71-3754     | Gasket, oil junction block              | 1    | 1   | 1  |
| 14          | 21-1908     | Nut, fixing junction block to crankcase | 1    | 1   | 1  |
| 15          | 70-3446     | Washer, for 21-1908                     | 1    | 1   | 1  |
| 16          | 71-7550     | Oil pipe connector at rocker box        | 1    | 1   | 1  |
| 17          | 70-1335     | Washer, for 71-7550                     | 4    | 4   | 4  |
| 18          | 21-0550     | Nut, for 71-7550                        | 2    | 2   | 2  |
| 19          | 71-3551     | Rocker feed line                        | 1    | 1   | 1  |
| 20          | 60-6848     | Clip, for 71-3551                       | 2    | 2   | 2  |
| 21          | 71-7058     | Oil return line                         | 1    | 1   | 1  |
| 22          | 60-4429     | Clip, for 71-7058                       | 2    | 2   | 2  |
| 23          | 60-4428     | Clip, for 71-7015                       | 2    | 2   | 2  |
| 24          | 71-7015     | Oil feed line                           | 1    | 1   | 1  |
| 25          | 83-7154     | Oil vent line, rocker box to frame      | 1    | 1   | 1  |
| 26          | 83-7323     | Breather line, crankcase to air box     | 1    | 1   | 1  |
| 27          | 83-8018     | Breather tower assembly                 | 1    | 1   | 1  |
| 28          | 83-7148     | Banjo union, breather tower             | 1    | 1   | 1  |
| 29          | 21-7103     | Washer, banjo union                     | 1    | 1   | 1  |
| 30          | 60-2252     | Clip, breather line to crankcase        | 1    | 1   | 1  |
| 31          | 60-7117     | Clip, breather line to banjo union      | 1    | 1   | 1  |
| 32          | 83-7882     | Cap, breather tower                     | 1    | 1   | 1  |
| 33          | 14-0213     | Bolt, fixing breather tower to air box  | 1    | 1   | 1  |
| 34          | 14-1901     | Nut, for 14-0213                        | 1    | 1   | 1  |
| 35          | 70-2441     | Washer, for 14-0213                     | 1    | 1   | 1  |
| 36          | 83-7884     | Collar, breather tower                  | 1    | 1   | 1  |



1 Front Fork Assy.

# FRONT FORK ASSEMBLY

| Ref.<br>No. | Part<br>No. | Description                               | T140       |           |    |
|-------------|-------------|-------------------------------------------|------------|-----------|----|
|             |             |                                           | E2S<br>Qty | LE<br>Req | EX |
| 1           | 97-7172     | FRONT FORK ASSEMBLY (T140E2S)             | 1          |           |    |
| 1           | 97-7173     | FRONT FORK ASSEMBLY (Executive)           |            |           | 1  |
| 1           | 97-7174     | FRONT FORK ASSEMBLY (Royal)               |            | 1         |    |
| 2           | 97-7194     | Top lug                                   | 1          | 1         | 1  |
| 3           | 14-0234     | Bolt, top lug                             | 1          | 1         | 1  |
| 4           | 14-1303     | Nut, for 14-0234                          | 1          | 1         | 1  |
| 5           | 60-2331     | Washer, for 14-0234                       | 1          | 1         | 1  |
| 6           | 14-1034     | Screw, fixing top lug to stanchions       | 2          | 2         | 2  |
| 7           | 97-7070     | Nut, steering stem at top lug             | 1          | 1         | 1  |
| 8           | 97-7071     | Cap, for 97-7070                          | 1          | 1         | 1  |
| 9           | 97-7096     | Bottom lug and steering stem              | 1          | 1         | 1  |
| 10          | 60-7271     | Anti-Thief lock c/w 2 keys                | 1          | 1         | 1  |
| 11          | -           | Key, for 60-7271 (must state Key No.)     | AR         | AR        | AR |
| 12          | 21-0578     | Grub Screw, fixing for 60-7271            | 1          | 1         | 1  |
| 13          | 97-2266     | Washer, for 21-0578                       | 1          | 1         | 1  |
| 14          | 14-0237     | Bolt, bottom lug stanchion fixing R/H     | 1          |           | 1  |
| 15          | 97-4476     | Eye bolt, bottom lug stanchion fixing L/H | 1          | 2         | 1  |
| 16          | 82-2184     | Washer, for 14-0237 & 97-4476             | 2          | 2         | 2  |
| 17          | 14-1303     | Nut, for 14-0237 & 97-4476                | 2          | 2         | 2  |
| 18          | 97-7034     | Cap screw, for 97-4387                    | 2          | 2         | 2  |
| NI          | 97-4259     | Label, for 97-7034                        | 2          | 2         | 2  |
| 19          | 97-4387     | Top nut, fixing main spring at stanchion  | 2          | 2         | 2  |
| 20          | 97-4011     | Main spring                               | 2          | 2         | 2  |
| 21          | 97-4380     | Stanchion                                 | 2          | 2         | 2  |
| 22          | 97-4012     | Nut, damper valve                         | 2          | 2         | 2  |
| 23          | 97-4003     | O'Ring, damper valve                      | 2          | 2         | 2  |
| 24          | 97-4020     | Damper valve                              | 2          | 2         | 2  |
| 25          | 97-4010     | Washer, for 97-4020                       | 2          | 2         | 2  |
| 26          | 97-4325     | Damper tube                               | 2          | 2         | 2  |
| 27          | 97-4009     | Spring, recoil - damper tube              | 2          | 2         | 2  |
| 28          | 97-4076     | Plug, damper tube                         | 2          | 2         | 2  |
| 29          | 97-4004     | Washer, for 14-1019                       | 2          | 2         | 2  |
| 30          | 97-1019     | Screw, fixing damper valve                | 2          | 2         | 2  |
| 31          | 97-7114     | Bracket, headlight mount L/H              | 1          | 1         | 1  |
| 32          | 97-7115     | Bracket, headlight mount R/H              | 1          | 1         | 1  |
| 33          | 97-7119     | Sleeve, headlight mounting brackets       | 4          | 4         | 4  |
| NI          | 97-4166     | Washer, for Ref. No. 19 Pt. No. 97-4387   | 2          | 2         | 2  |
| 40          | 97-4002     | Scraper sleeve, stanchion                 | 2          | 2         | 2  |
| 41          | 97-7146     | Bottom member L/H                         | 1          | 1         | 1  |
| 42          | 21-7116     | Stud, caliper mounting L/H                | 2          | 2         |    |
| 42          | 21-2189     | Stud, caliper mounting L/H                |            |           | 2  |
| 43          | 60-7269     | Circlip, retaining oil seal               | 2          | 2         | 2  |
| 44          | 97-7093     | Retainer, oil seal                        | 2          | 2         | 2  |
| 45          | 97-7079     | Oil seal                                  | 2          | 2         | 2  |
| 46          | 21-2102     | Stud, spindle cap                         | 8          | 8         | 8  |
| 47          | 97-7147     | Bottom member R/H                         | 1          |           | 1  |
| 47          | 97-7158     | Bottom member R/H                         |            | 1         |    |

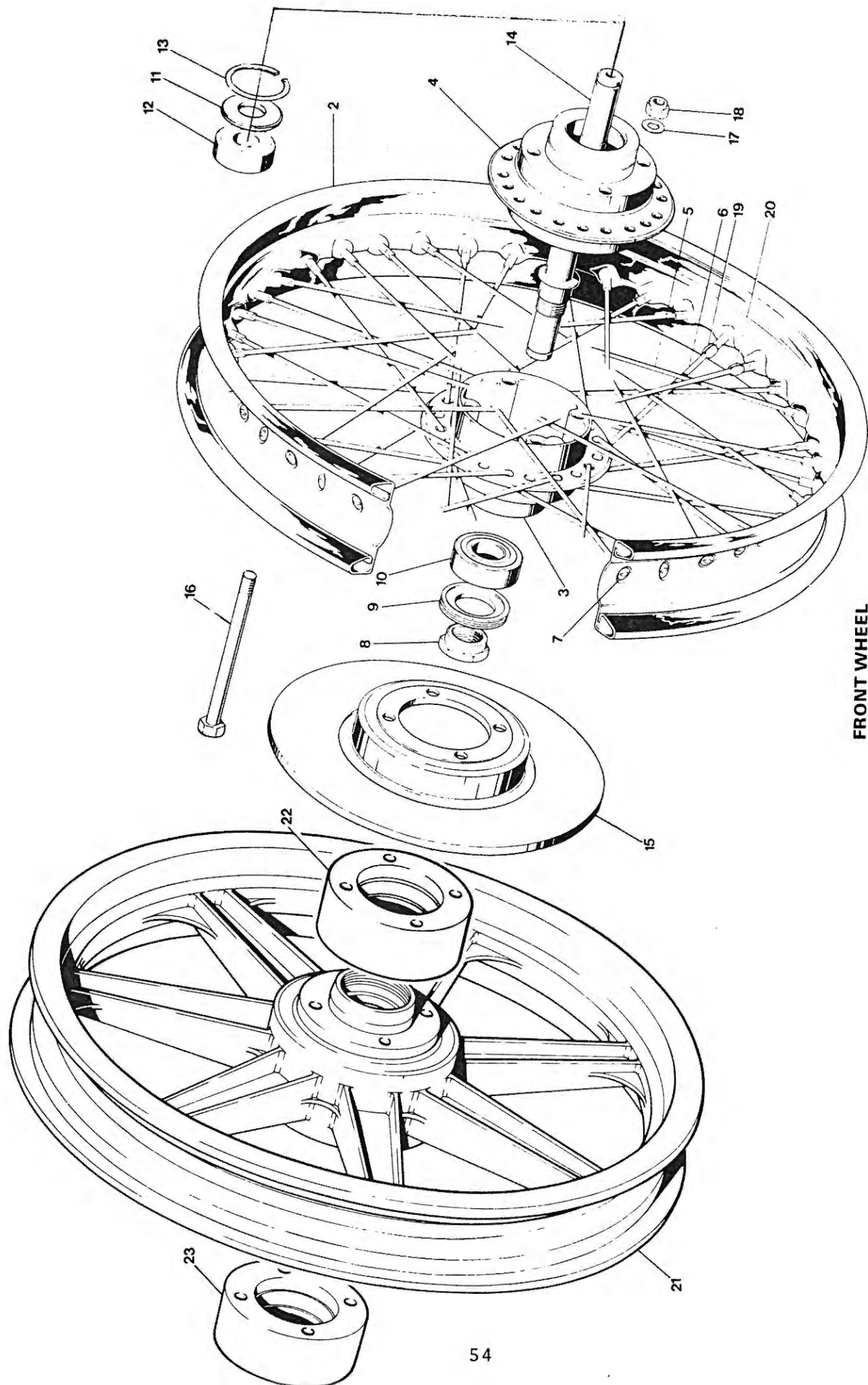


1 Front Fork Assy.

# FRONT FORK ASSEMBLY (CONT.)

|      |         |                           | T140 |     |    |
|------|---------|---------------------------|------|-----|----|
| Ref. | Part.   |                           | E2S  | LE  | EX |
| No.  | No.     | Description               | Qty  | Req |    |
| NI   | 21-7119 | Bolt, caliper fixing R/H  |      | 2   |    |
| NI   | 60-2419 | Washer, for 21-7119       |      | 2   |    |
| 48   | 97-3893 | Washer, for 97-3894       | 2    | 2   | 2  |
| 49   | 97-3894 | Drain plug, bottom member | 2    | 2   | 2  |

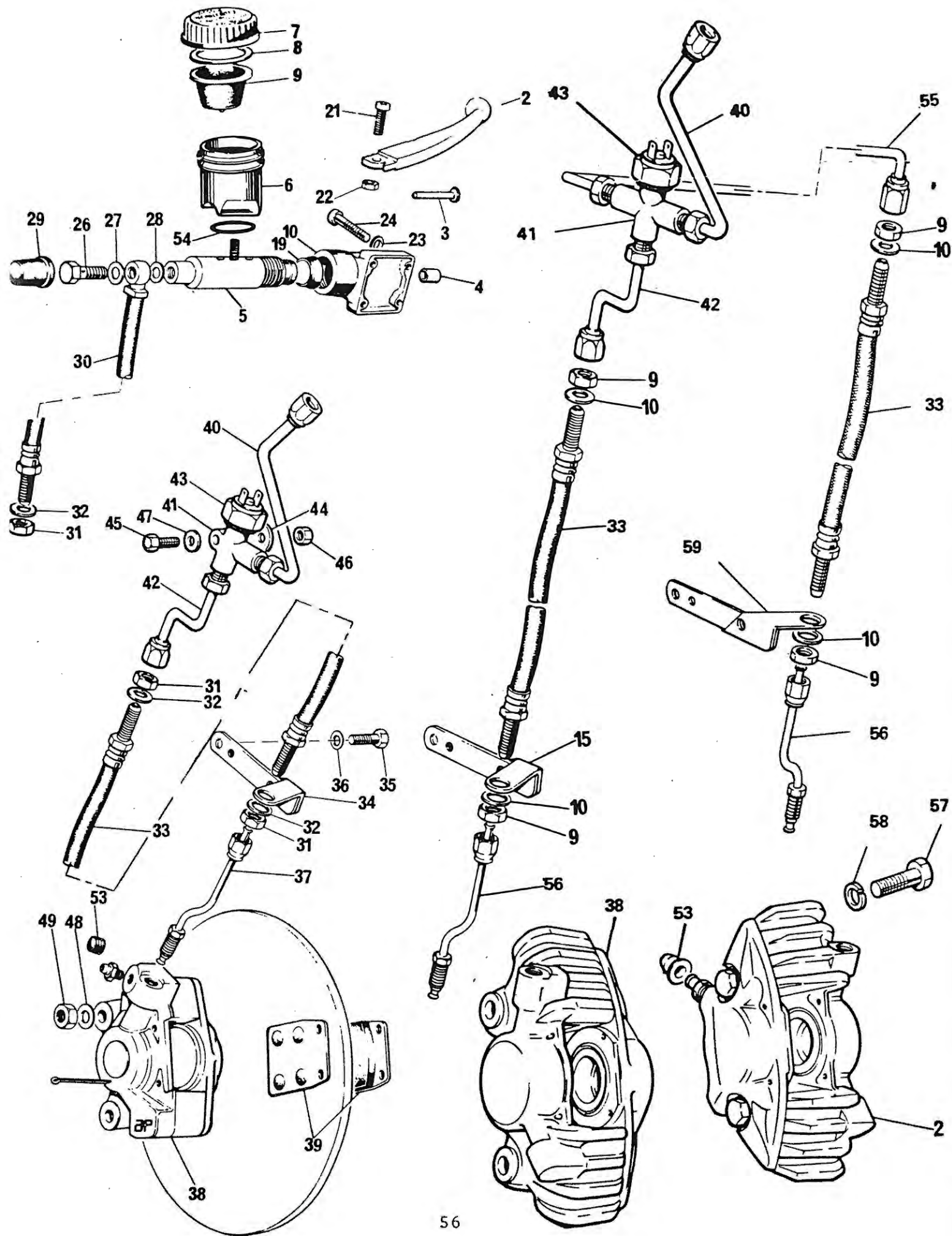




FRONT WHEEL

# FRONT WHEEL

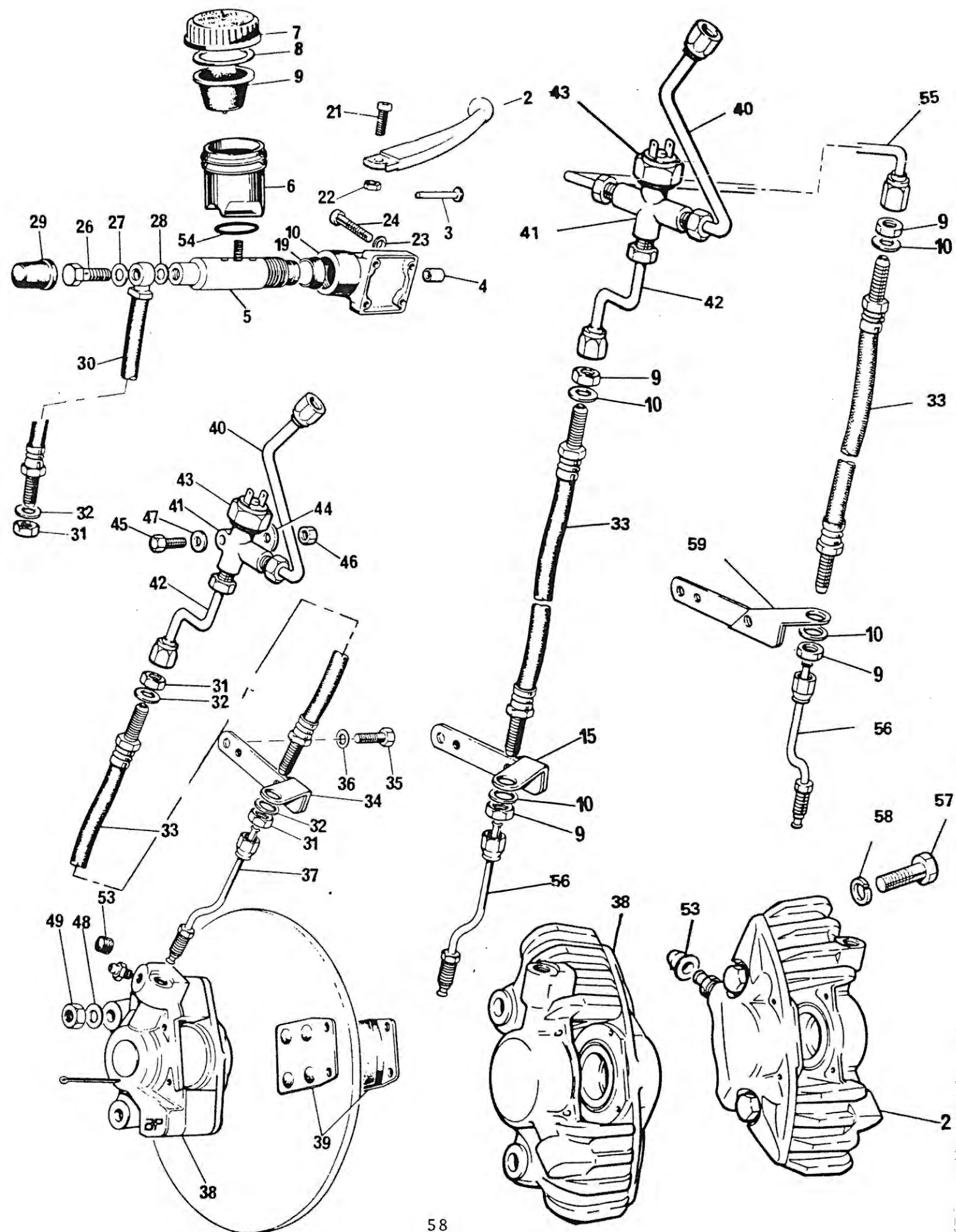
| Ref.<br>No. | Part<br>No. | Description                   | T140 |     |    |
|-------------|-------------|-------------------------------|------|-----|----|
|             |             |                               | E2S  | LE  | EX |
|             |             |                               | Qty  | Req |    |
| 1           | 37-7173     | RIM, SPOKES AND HUB ASSEMBLY  | 1    |     | 1  |
| 2           | 37-4129     | Rim - wm 2 X 19               | 1    |     | 1  |
| 3           | 37-7058     | Hub - left half               | 1    |     | 1  |
| 4           | 37-7059     | Hub - right half              | 1    |     | 1  |
| 5           | 37-4131     | Spoke - outer                 | 20   |     | 20 |
| 6           | 37-4130     | Spoke - inner                 | 20   |     | 20 |
| 7           | 37-2294     | Nipple - spoke                | 40   |     | 40 |
| 8           | 37-4133     | Nut, wheel spindle            | 1    | 1   | 1  |
| 9           | 37-4134     | Lock ring - left              | 1    | 1   | 1  |
| 10          | 37-7041     | Bearing - left                | 1    | 1   | 1  |
| 11          | 37-1237     | Dust cover - right            | 1    | 1   | 1  |
| 12          | 37-7042     | Bearing - right               | 1    | 1   | 1  |
| 13          | 57-0280     | Circlip - right               | 1    | 1   | 1  |
| 14          | 37-4132     | Spindle - wheel               | 1    | 1   | 1  |
| 15          | 37-7175     | Disc - not chromed            | 1    | 1   | 1  |
| 16          | 21-2207     | Bolt, disc to hub             | 4    |     | 4  |
| 16          | 21-7085     | Bolt, disc to hub             |      | 4   |    |
| 17          | 70-8770     | Washer, for 21-2207 & 21-7085 | 8    | 8   | 8  |
| 18          | 14-1203     | Nut, for 21-2207 & 21-7085    | 4    | 4   | 4  |
| 19          | 37-3969     | Balance weight - short        | AR   |     | AR |
| 20          | 37-3970     | Balance weight - long         | AR   |     | AR |
| 21          | 37-7183     | Wheel, assy. cast alloy       |      | 1   |    |
| 22          | 37-7161     | Carrier, bearing - left       |      | 1   |    |
| 23          | 37-7162     | Carrier, bearing - right      |      | 1   |    |



# FRONT BRAKE

|      |         |                                                    | T140 |     |    |
|------|---------|----------------------------------------------------|------|-----|----|
| Ref. | Part    |                                                    | E2S  | LE  | EX |
| No.  | No.     | Description                                        | Qty  | Req |    |
| 1    | 60-7163 | Master cylinder                                    | 1    |     | 1  |
| 1    | 60-7481 | Master cylinder (dual disc)                        |      | 1   |    |
| 2    | 97-5074 | Brake lever                                        | 1    | 1   | 1  |
| 3    | 60-7158 | Push rod                                           | 1    | 1   | 1  |
| 4    | 60-7165 | Bush, for 60-7158                                  | 1    | 1   | 1  |
| 5    | 99-7027 | Barrel & stud                                      | 1    | 1   | 1  |
| 6    | 60-4397 | Reservoir, body                                    | 1    | 1   | 1  |
| 7    | 60-4365 | Cap, for 60-4397                                   | 1    | 1   | 1  |
| 8    | 60-4328 | Washer                                             | 1    | 1   | 1  |
| 9    | 60-4366 | Diaphragm, for 60-4397                             | 1    | 1   | 1  |
| 10   | 60-7164 | Master cylinder mounting body                      | 1    | 1   | 1  |
| 21   | 21-2191 | Screw, pivot for 97-5074                           | 1    | 1   | 1  |
| 22   | 14-1201 | Nut, for 21-2191                                   | 1    | 1   | 1  |
| 23   | 23-1555 | Washer, for 21-7038                                | 4    | 4   | 4  |
| 24   | 21-7038 | Screw, fixing master cylinder body to switch       | 4    | 4   | 4  |
| 26   | 60-4183 | Bolt, master cyl. hose at master cyl.              | 1    | 1   | 1  |
| 27   | 60-4182 | Washer, for 60-4183 (outer)                        | 1    | 1   | 1  |
| 28   | 60-4184 | Washer, for 60-4183 (inner)                        | 1    | 1   | 1  |
| 29   | 60-4186 | Cover, for 60-4183                                 | 1    | 1   | 1  |
| 30   | 60-4174 | Hose, master cylinder to top lug                   | 1    |     |    |
| 30   | 60-4177 | Hose, master cylinder to top lug                   |      | 1   | 1  |
| 31   | 60-4180 | Locknut, for 60-4174 & 60-4177                     | 3    | 5   | 3  |
| 32   | 70-2288 | Washer, for 60-4174 & 60-4177                      | 3    | 5   | 3  |
| 33   | 60-4175 | Hose, bottom lug to bottom member                  | 1    | 2   | 1  |
| 34   | 83-7064 | Bracket, pipe support L/H bottom member to caliper | 1    | 1   | 1  |
| 35   | 14-0103 | Bolt, fixing for 83-7064 & 83-8062                 | 4    | 4   | 4  |
| 36   | 60-2417 | Washer, for 14-0103                                | 4    | 4   | 4  |
| 37   | 60-4178 | Pipe, bottom member to caliper L/H                 | 1    |     | 1  |
| 38   | 60-7478 | Caliper, L/H                                       | 1    |     | 1  |
| 38   | 60-7484 | Caliper, L/H "Alloy"                               |      | 1   |    |
| 39   | 60-7437 | Brake pad kit (pair)                               | 1    | 2   | 1  |
| 40   | 60-7177 | Pipe, top lug to junction L/H                      | 1    |     | 1  |
| 40   | 60-7494 | Pipe, top lug to junction L/H                      |      | 1   |    |
| 41   | 60-4176 | Junction block (3 way) L/H                         | 1    |     | 1  |
| 41   | 60-7482 | Junction block (4 way) L/H                         |      | 1   |    |
| 42   | 60-7178 | Pipe, junction to top lug L/H                      | 1    | 1   | 1  |
| 43   | 34619   | Switch, front brake stop                           | 1    | 1   | 1  |
| NI   | 70-1335 | Washer, for 34619                                  | 1    | 1   | 1  |
| 44   | 97-7202 | Bracket, mounting for 60-7176                      | 1    |     | 1  |
| 44   | 97-7197 | Bracket, mounting for 60-7482                      |      | 1   |    |
| 45   | 14-0105 | Bolt, mounting for Ref. No. 44                     | 1    | 1   | 1  |
| 46   | 14-1301 | Nut, for 14-0105                                   | 1    | 1   | 1  |
| 47   | 60-2329 | Washer, for 14-0105                                | 1    | 1   | 1  |
| 48   | 60-2331 | Washer, mounting caliper to btm. member            | 2    | 2   | 2  |
| 49   | 14-1303 | Nut, mounting caliper to btm. member               | 2    | 2   | 2  |
| 53   | 60-4266 | Cover, bleed nipple                                | 1    | 2   | 1  |

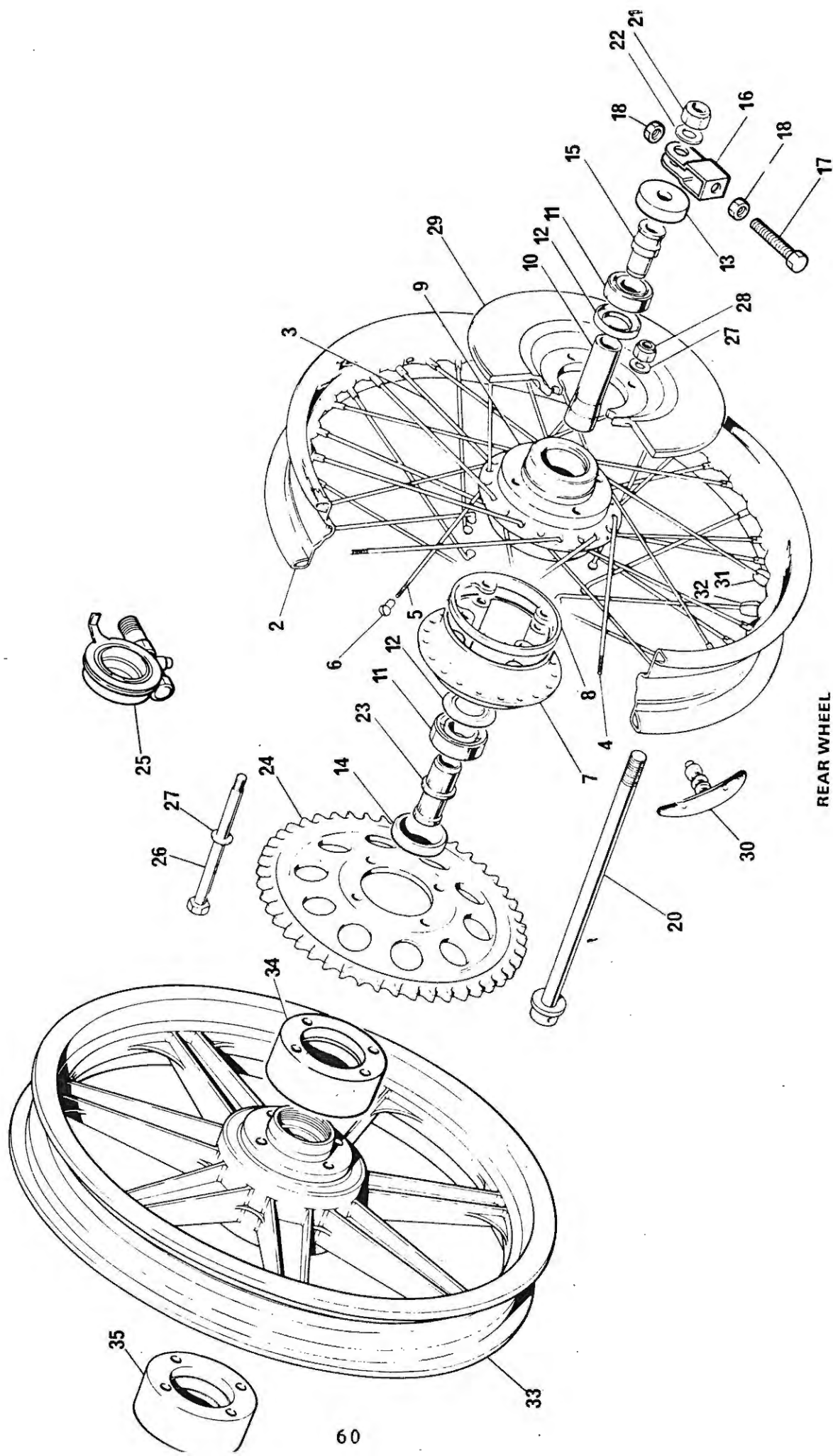




# FRONT BRAKE (CONT.)

| Ref.<br>No. | Part<br>No. | Description                                           | T140 |     |    |
|-------------|-------------|-------------------------------------------------------|------|-----|----|
|             |             |                                                       | E2S  | LE  | EX |
|             |             |                                                       | Qty  | Req |    |
| 54          | 60-4374     | O'Ring, m/cyl. reservoir                              | 1    | 1   | 1  |
| 55          | 60-7495     | Connector pipe for R/H brake                          |      | 1   |    |
| 56          | 60-7496     | Pipe, bottom member to caliper L/H & R/H              |      | 2   |    |
| 57          | 21-7119     | Bolt, caliper fixing R/H                              |      | 2   |    |
| 58          | 60-2419     | Washer, for 21-7119                                   |      | 2   |    |
| 59          | 83-8062     | Bracket, pipe support R/H bottom member<br>to caliper |      | 1   |    |
| NI          | 99-7006     | Caliper seal kit                                      | 1    | 2   | 1  |
| NI          | 99-7022     | Master cylinder seal kit                              | 1    |     | 1  |

# REF. 1 RIM, SPOKES AND HUB ASSEMBLY

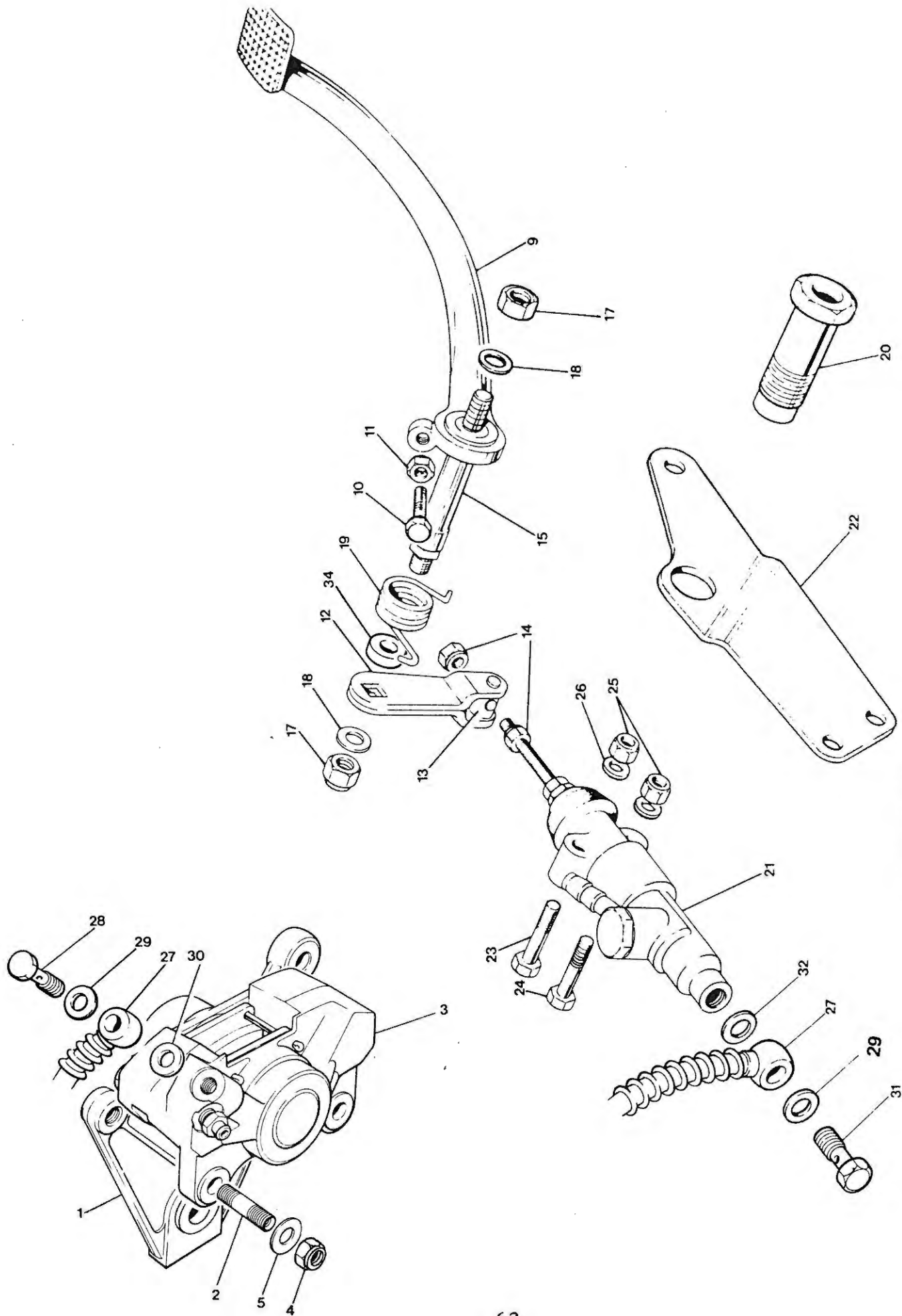


REAR WHEEL



# REAR WHEEL

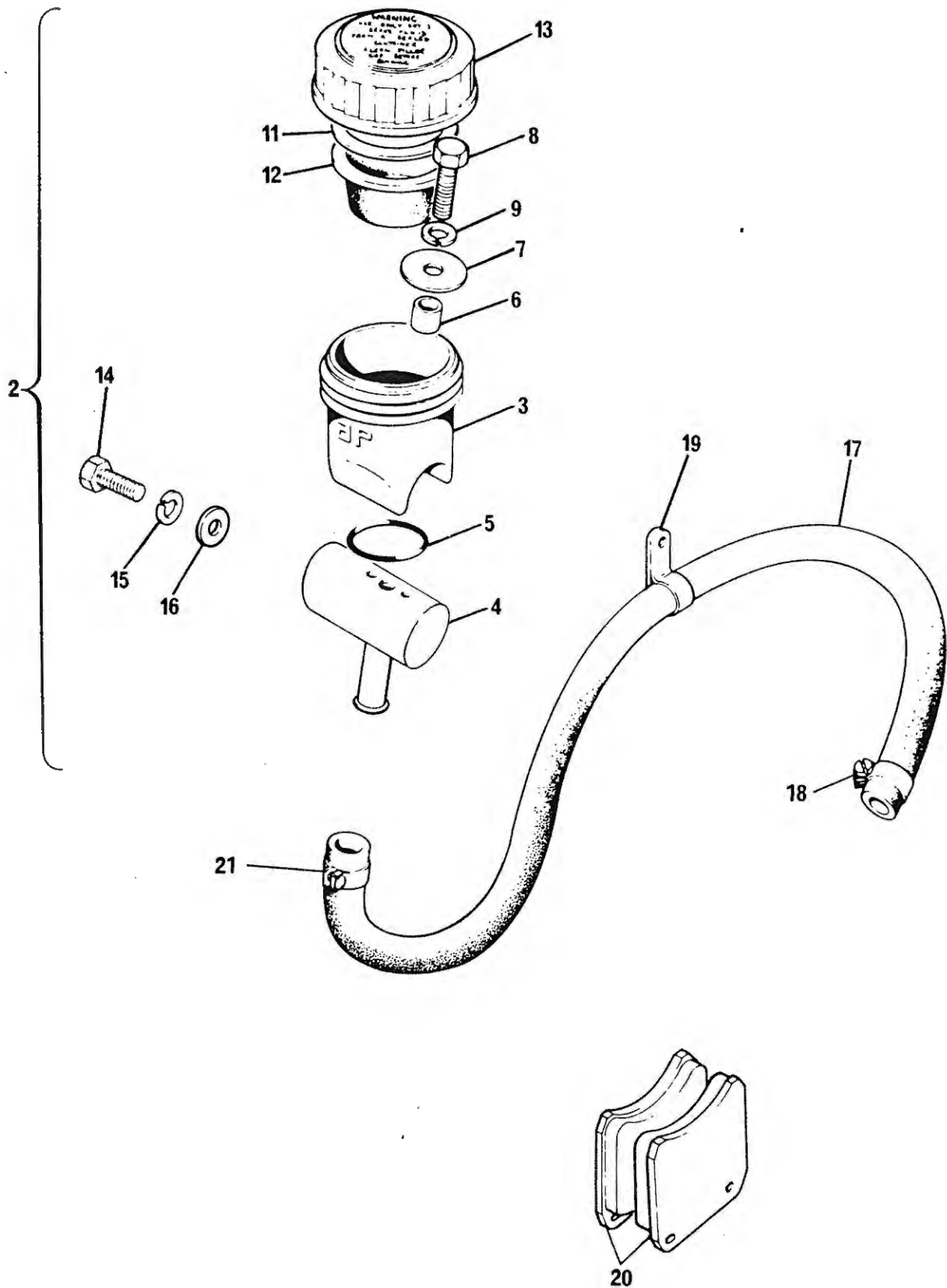
| Ref.<br>No. | Part<br>No. | Description                   | T140       |           |    |
|-------------|-------------|-------------------------------|------------|-----------|----|
|             |             |                               | E2S<br>Qty | LE<br>Req | EX |
| 1           | 37-7061     | RIM SPOKE & HUB ASSEMBLY      | 1          |           | 1  |
| 2           | 37-7030     | Rim, wm 3 X 18                | 1          |           | 1  |
| 3           | 37-7031     | Spoke, inner                  | 20         |           | 20 |
| 4           | 37-7032     | Spoke, outer R/H              | 10         |           | 10 |
| 5           | 37-7033     | Spoke, outer L/H              | 10         |           | 10 |
| 6           | 37-7034     | Nipple spoke                  | 40         |           | 40 |
| 7           | 37-7047     | Hub, left                     | 1          |           | 1  |
| 8           | 37-7063     | Spacer, center hub            | 1          |           | 1  |
| 9           | 37-7062     | Hub, right                    | 1          |           | 1  |
| 10          | 37-7051     | Spacer, bearing               | 1          | 1         | 1  |
| 11          | 37-7041     | Bearing                       | 2          | 2         | 2  |
| 12          | 37-4135     | Locating shim                 | 2          | 2         | 2  |
| 13          | 37-7055     | Lockring R/H                  | 1          | 1         | 1  |
| 14          | 37-7054     | Cover, bearing R/H            | 1          | 1         | 1  |
| 15          | 37-7111     | Spacer, bearing R/H           | 1          | 1         | 1  |
| 16          | 37-7127     | Adjuster, rear chain          | 2          | 2         | 2  |
| 17          | 14-0118     | Bolt, chain adjuster          | 2          | 2         | 2  |
| 18          | 14-0302     | Nut, for 14-0118              | 4          | 4         | 4  |
| 20          | 37-7113     | Spindle                       | 1          | 1         | 1  |
| 21          | 14-1307     | Nut, for 37-7113              | 1          | 1         | 1  |
| 22          | 83-2266     | Washer, for 14-1307           | 1          | 1         | 1  |
| 23          | 37-7052     | Spacer, bearing L/H           | 1          | 1         | 1  |
| 24          | 37-7072     | Sprocket, rear chain 45 tooth | 1          | 1         | 1  |
| 25          | 60-7091     | Gearbox, speedo drive         | 1          | 1         | 1  |
| 26          | 21-7041     | Bolt, disc & sprocket to hub  | 4          | 4         | 4  |
| 27          | 70-8770     | Washer, for 21-7041           | 8          | 8         | 8  |
| 28          | 14-1203     | Nut, for 21-7041              | 4          | 4         | 4  |
| 29          | 37-7175     | Disc                          | 1          | 1         | 1  |
| 30          | 37-3468     | Security bolt, tire           | 1          |           | 1  |
| 31          | 37-3769     | Balance weight - short        | AR         |           | AR |
| 32          | 37-3770     | Balance weight - long         | AR         |           | AR |
| 33          | 37-7166     | Rear wheel - "Cast Alloy"     |            | 1         |    |
| 34          | 37-7163     | Carrier, bearing L/H          |            | 1         |    |
| 35          | 37-7164     | Carrier, bearing R/H          |            | 1         |    |



REAR BRAKE

# REAR BRAKE

| Ref.<br>No. | Part<br>No. | Description                       | T140 |     |    |
|-------------|-------------|-----------------------------------|------|-----|----|
|             |             |                                   | E2S  | LE  | EX |
|             |             |                                   | Qty  | Req |    |
| 1           | 37-7124     | Plate, mounting rear caliper      | 1    | 1   | 1  |
| 2           | 21-7116     | Stud, caliper to plate            | 2    | 2   | 2  |
| 3           | 60-7478     | Caliper, rear                     | 1    | 1   | 1  |
| 4           | 14-1303     | Nut, for 21-7116                  | 2    | 2   | 2  |
| 5           | 60-2331     | Washer, for 14-1303               | 2    | 2   | 2  |
| 9           | 83-7560     | Brake pedal                       | 1    | 1   | 1  |
| 10          | 14-0103     | Bolt, stop light switch adjusting | 1    | 1   | 1  |
| 11          | 14-0301     | Nut, for 14-0103                  | 1    | 1   | 1  |
| 12          | 83-7003     | Lever, m/cyl. to brake pedal      | 1    | 1   | 1  |
| 13          | 83-7024     | Trunnion, for 83-7003             | 1    | 1   | 1  |
| 14          | 21-7006     | Nut, adjuster for m/cyl.          | 2    | 2   | 2  |
| 15          | 83-7046     | Spindle, rear brake pedal         | 1    | 1   | 1  |
| 17          | 14-1203     | Nut, fixing for 83-7046           | 2    | 2   | 2  |
| 18          | 60-2331     | Washer, for 14-1203               | 2    | 2   | 2  |
| 19          | 83-7016     | Spring, brake pedal return        | 1    | 1   | 1  |
| 20          | 83-7163     | Pivot bolt, rear brake pedal      | 1    | 1   | 1  |
| 21          | 60-7057     | Master cylinder assembly          | 1    | 1   | 1  |
| 22          | 83-7567     | Plate, m/cyl. mounting            | 1    | 1   | 1  |
| 23          | 14-0221     | Bolt, m/cyl. mounting - upper     | 1    | 1   | 1  |
| 24          | 21-7007     | Bolt, m/cyl. mounting - lower     | 1    | 1   | 1  |
| 25          | 14-1302     | Nut, for 14-0221 & 21-7007        | 2    | 2   | 2  |
| 26          | 60-2330     | Washer, for 14-1302               | 2    | 2   | 2  |
| 27          | 60-7233     | Hose, caliper to m/cyl.           | 1    | 1   | 1  |
| 28          | 60-7236     | Bolt, fixing hose at caliper      | 1    | 1   | 1  |
| 29          | 60-4184     | Washer, for 60-7233 outer         | 2    | 2   | 2  |
| 30          | 37-7100     | Washer, for 60-7236 inner         | 1    | 1   | 1  |
| 31          | 60-4183     | Bolt, fixing hose at m/cyl.       | 1    | 1   | 1  |
| 32          | 60-4182     | Washer, for 60-4183 inner         | 1    | 1   | 1  |
| 34          | 83-7015     | Boss - spring retainer            | 1    | 1   | 1  |
| MI          | 37-7094     | Bush, caliper mounting plate      | 1    | 1   | 1  |



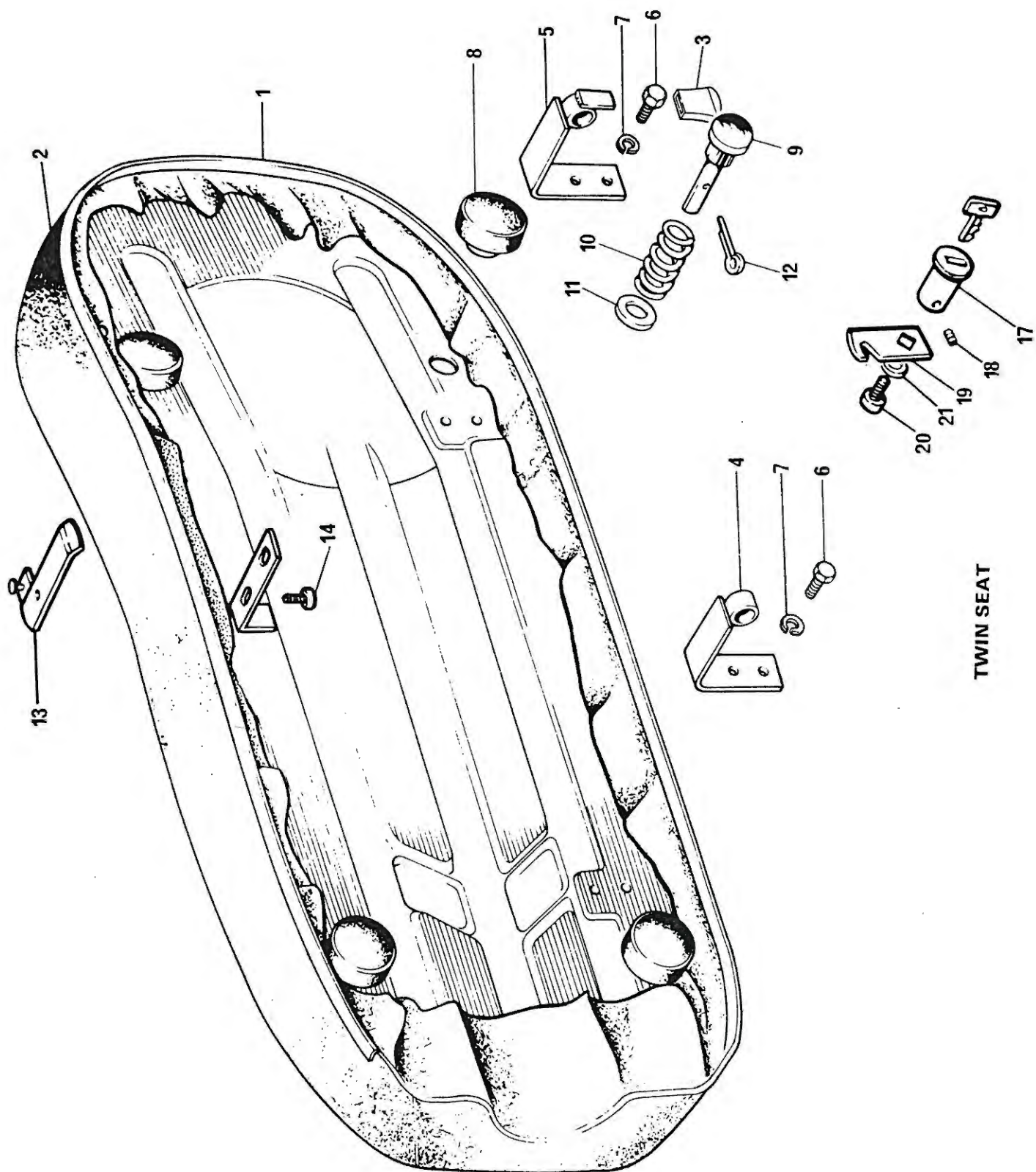
# REAR BRAKE

## REAR BRAKE

| Ref.<br>No. | Part<br>No. | Description                          | T140 |     |     |
|-------------|-------------|--------------------------------------|------|-----|-----|
|             |             |                                      | E2S  | LE  | EX  |
|             |             |                                      | Qty  | Req |     |
| 2           | 83-7521     | RESERVOIR ASSEMBLY - MASTER CYLINDER | 1    | 1   | 1   |
| 3           | 60-4397     | Body, reservoir                      | 1    | 1   | 1   |
| 4           | 83-7501     | Reservoir, mount                     | 1    | 1   | 1   |
| 5           | 60-4374     | O'Ring                               | 1    | 1   | 1   |
| 6           | 83-7533     | Spacer                               | 1    | 1   | 1   |
| 7           | 60-4399     | Washer                               | 1    | 1   | 1   |
| 8           | 14-0102     | Bolt, reservoir body to mount        | 1    | 1   | 1   |
| 9           | 60-2427     | Washer, for 14-0102                  | 1    | 1   | 1   |
| 11          | 60-4328     | Gasket, for 60-4365                  | 1    | 1   | 1   |
| 12          | 60-4366     | Diaphragm                            | 1    | 1   | 1   |
| 13          | 60-4365     | Filler cap                           | 1    | 1   | 1   |
| 14          | 14-0101     | Bolt, mounting to side panel         | 1    | 1   | 1   |
| 15          | 60-2427     | Washer, for 14-0101                  | 1    | 1   | 1   |
| 16          | 60-2338     | Washer, for 14-0101                  | 1    | 1   | 1   |
| 17          | 60-7248     | Hose, reservoir to m/cyl.            | 1    | 1   | 1   |
| 18          | 60-7030     | Clip, for 60-7248 at m/cyl.          | 1    | 1   | 1   |
| 19          | 60-7603     | Clip for 60-7248                     | 1    | 1   | 1   |
| 20          | 60-7437     | Brake pad set                        | 1    | pr  | 1pr |
| 21          | 60-7524     | Clip, for 60-7248 at reservoir       | 1    | 1   | 1   |
| NI          | 99-7006     | Caliper seal kit                     | AR   | AR  | AR  |
| NI          | 99-7022     | Master cylinder kit                  | AR   | AR  | AR  |

### WARNING:-

**Brake pad 60-7437 must only be used with plain cast iron disc Ref No 37-7175**  
**Under no circumstances must these pads be used with chrome plated finished disc**  
**Ref No. 37-4275.**

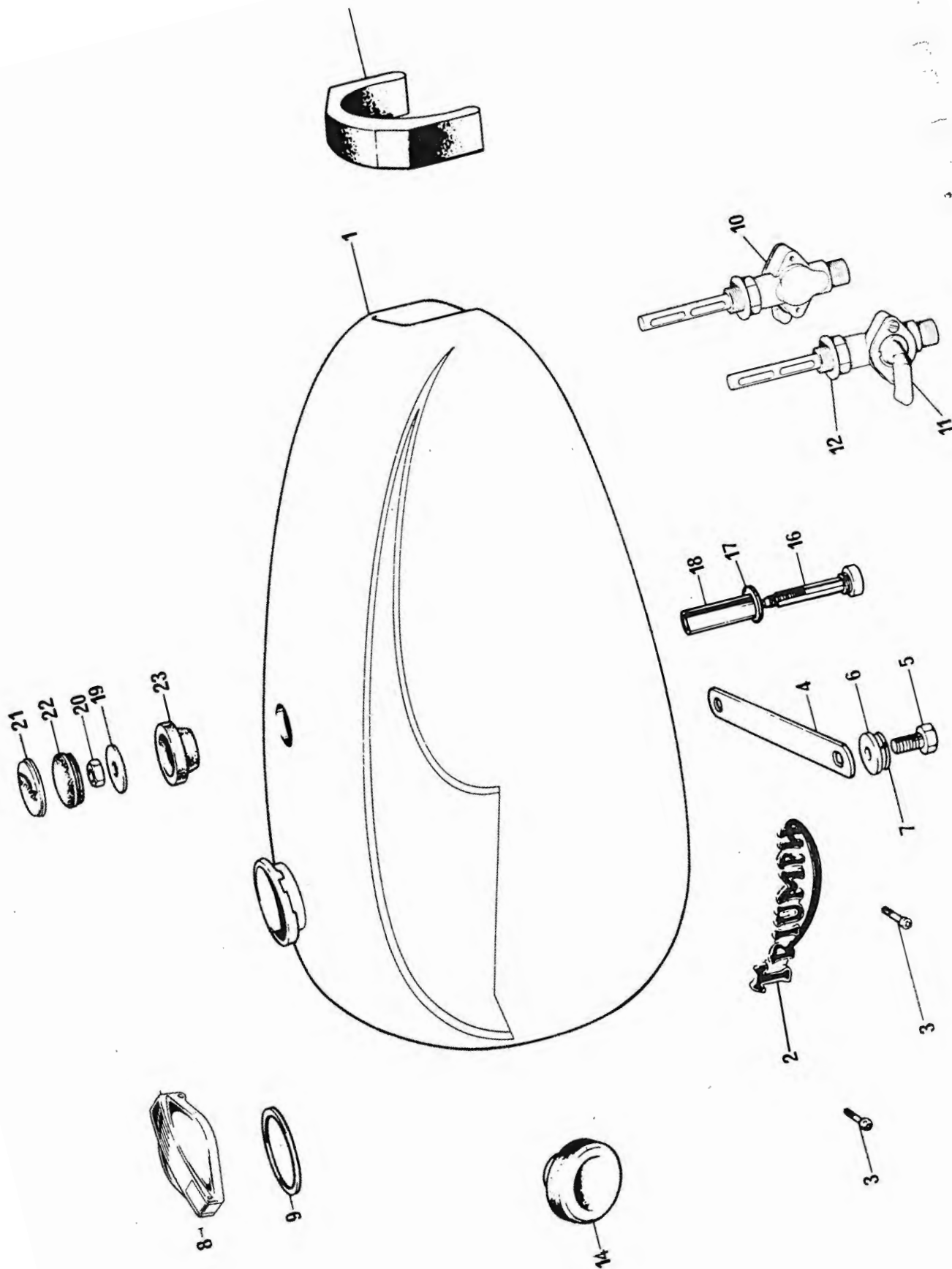


TWIN SEAT

# TWINSEAT

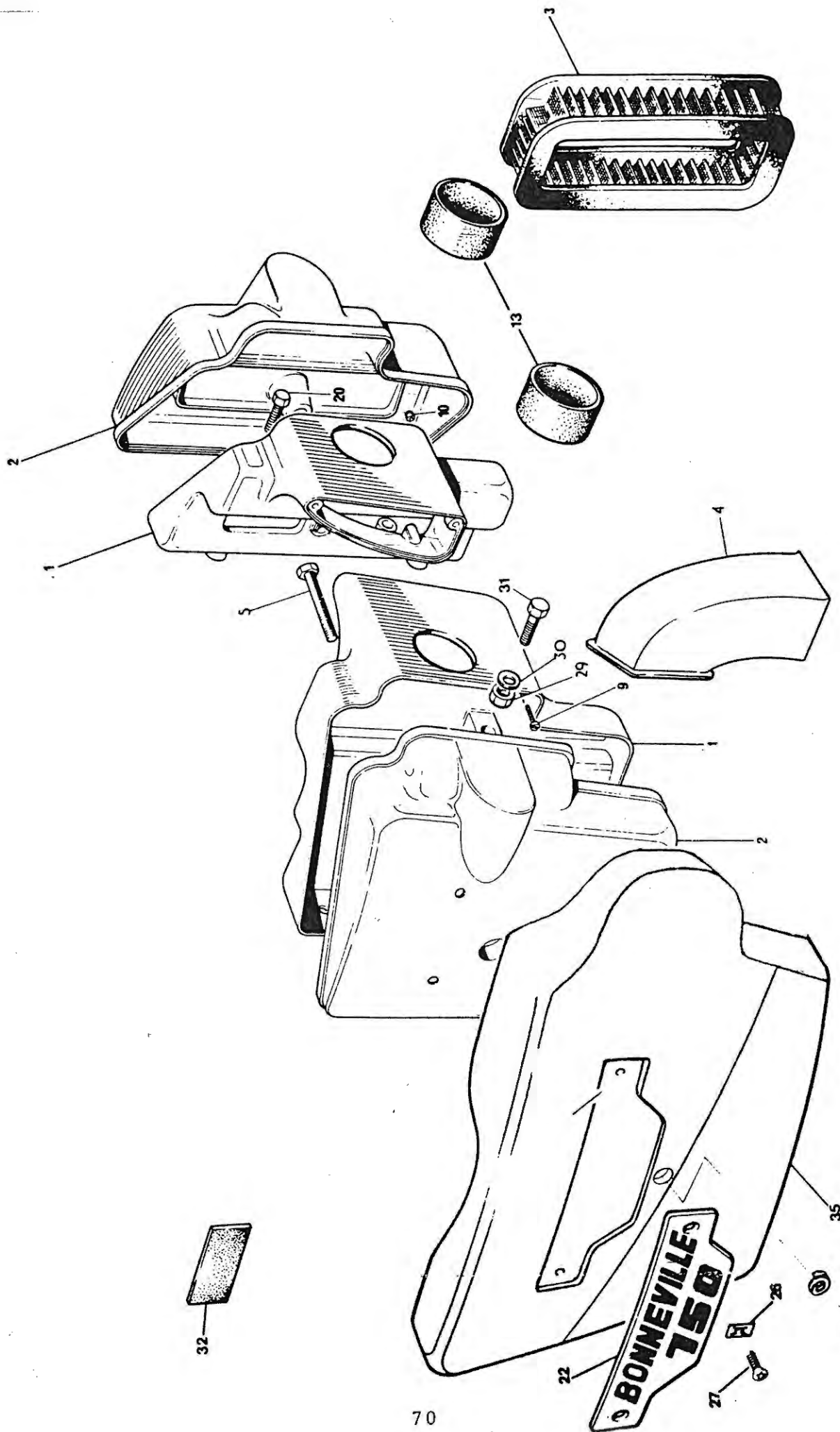
|      |         |                             | T140 |     |    |
|------|---------|-----------------------------|------|-----|----|
| Ref. | Part    |                             | E2S  | LE  | EX |
| No.  | No.     | Description                 | Qty  | Req |    |
| 1    | 83-7893 | TWINSEAT ASSEMBLY           | 1    | 1   |    |
| 1    | 83-8072 | TWINSEAT ASSEMBLY C/W STRAP |      |     | 1  |
| 2    | 83-7599 | Cover, twinseat             | 1    | 1   | 1  |
| 3    | 83-7544 | Plastic sleeve, for 83-7542 | 1    | 1   | 1  |
| 4    | 83-4782 | Hinge - front               | 1    | 1   | 1  |
| 5    | 83-7542 | Hinge - rear                | 1    | 1   | 1  |
| 6    | 14-0101 | Bolt, for 83-4782 & 83-7542 | 4    | 4   | 4  |
| 7    | 60-2417 | Washer, for 14-0101         | 4    | 4   | 4  |
| 8    | 82-9093 | Rubber buffer               | 4    | 4   | 4  |
| 9    | 82-7560 | Plunger & knob              | 1    | 1   | 1  |
| 10   | 82-4228 | Spring, for 82-7560         | 1    | 1   | 1  |
| 11   | 71-3749 | Washer, for 82-7560         | 1    | 1   | 1  |
| 12   | 60-2720 | Split pin, for 82-7560      | 1    | 1   | 1  |
| 13   | 83-7329 | Catch plate, at seat lock   | 1    | 1   | 1  |
| 14   | 83-7276 | Bolt, for 83-7328           | 1    | 1   | 1  |
| NI   | 14-1301 | Nut, for 83-7276            | 1    | 1   | 1  |
| NI   | 60-2329 | Washer, for 14-1301         | 1    | 1   | 1  |
| 17   | 60-7215 | Lock, twinseat c/w 2 keys   | 1    | 1   | 1  |
| 18   | 21-7049 | Screw, locking for 60-7215  | 1    | 1   | 1  |
| 19   | 83-7328 | Catch plate, for seat lock  | 1    | 1   | 1  |
| 20   | 97-3894 | Screw, fixing for 83-7328   | 1    | 1   | 1  |
| 21   | 97-1388 | Washer, for 97-3894         | 1    | 1   | 1  |
| NI   | 60-7071 | Data label                  | 1    | 1   | 1  |
| NI   | 60-7159 | Decal, neg. earth           | 1    | 1   | 1  |





# FUEL TANKS

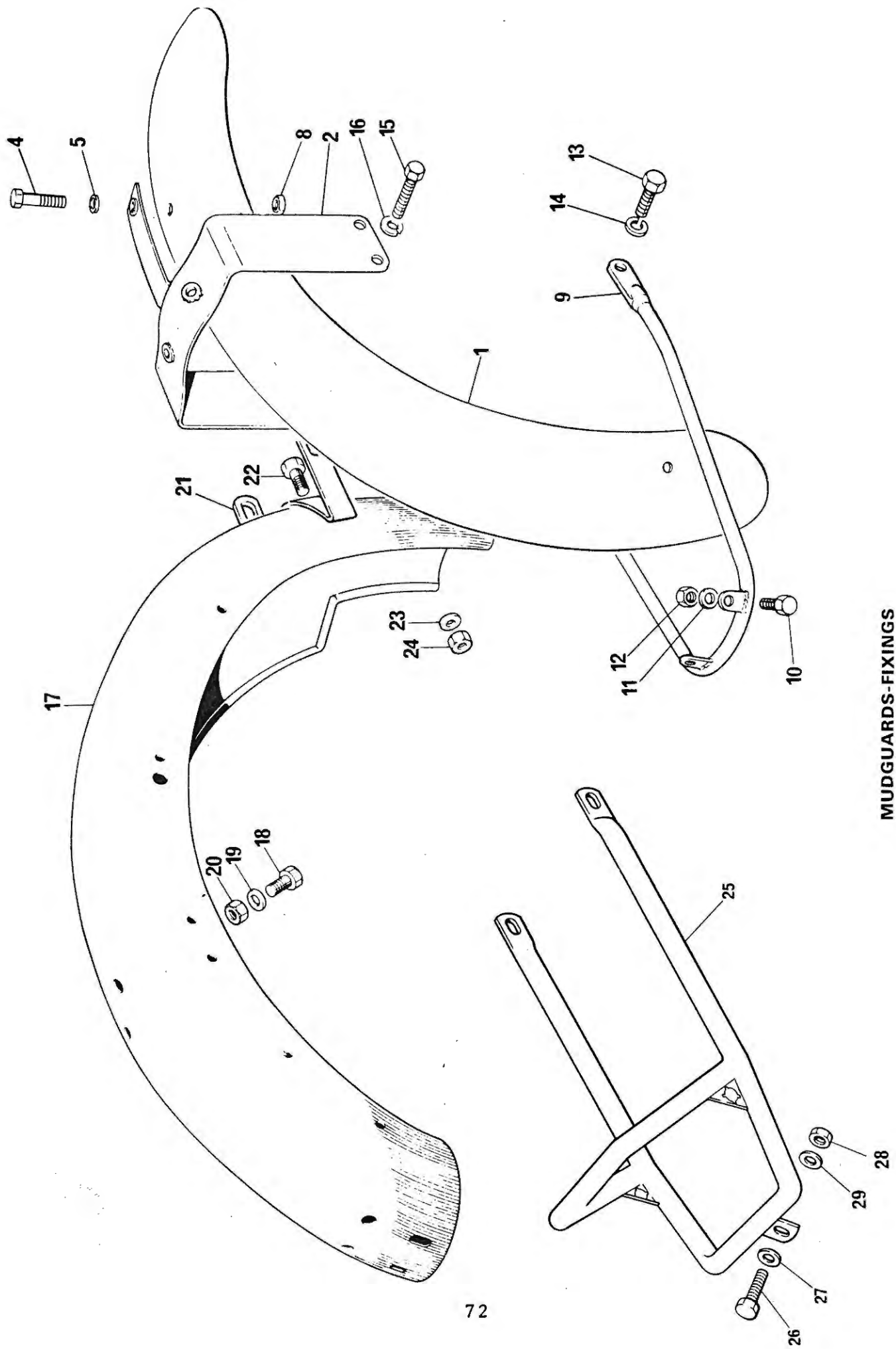
| Ref.<br>No. | Part<br>No. | Description                        | T140 |     |    |
|-------------|-------------|------------------------------------|------|-----|----|
|             |             |                                    | E2S  | LE  | EX |
|             |             |                                    | Qty  | Req |    |
| 1           | 83-8085     | Fuel tank - Smokey "Misty Red"     | AR   |     |    |
| 1           | 83-8086     | Fuel tank - Smokey "Astral Blue"   | AR   |     |    |
| 1           | 83-8088     | Fuel tank - Smokey "Candy Apple"   |      |     | 1  |
| 1           | 83-8173     | Fuel tank - "Black - Gold Line"    |      | 1   |    |
| 2           | 60-7304     | Name plate - "Triumph" L/H         | 1    |     | 1  |
| 2           | 60-7305     | Name plate - "Triumph" R/H         | 1    |     | 1  |
| 2           | 60-7537     | Name plate - "Triumph" L/H         |      | 1   |    |
| 2           | 60-7538     | Name plate - "Triumph" R/H         |      | 1   |    |
| 3           | 21-2064     | Screw, for name plate - chrome     | 4    |     | 4  |
| 3           | 21-7048     | Screw, for name plate - black      |      | 4   |    |
| 4           | 83-4395     | Tie strap                          | 1    | 1   | 1  |
| 5           | 14-0115     | Bolt, for 83-4395                  | 2    | 2   | 2  |
| 6           | 60-2321     | Washer, for 14-0115 plain          | 2    | 2   | 2  |
| 7           | 60-2428     | Washer, for 14-0115 lock           | 2    | 2   | 2  |
| 8           | 60-7552     | Filler cap - w/lock                | 1    | 1   | 1  |
| 9           | 82-4048     | Gasket, for 60-7552                | 1    | 1   | 1  |
| 10          | 60-7508     | Fuel tap L/H                       | 1    | 1   | 1  |
| 11          | 60-7509     | Fuel tap R/H                       | 1    | 1   | 1  |
| NI          | 83-7970     | Adaptor, fuel tap at fuel tank     | 2    | 2   | 2  |
| 12          | 70-7351     | Bonded washer, for fuel taps       | 2    | 2   | 2  |
| 14          | 83-4931     | Steady rubber, fuel tank           | 2    | 2   | 2  |
| 15          | 83-4932     | Mounting rubber, fuel tank         | 2    | 2   | 2  |
| 16          | 83-4930     | Bolt, fuel tank fixing - center    | 1    | 1   | 1  |
| 17          | 60-2330     | Washer, for 83-4930 - lower        | 1    | 1   | 1  |
| 18          | 82-9063     | Spacer tube for 83-4930            | 1    | 1   | 1  |
| 19          | 82-3814     | Washer, for 83-4930 upper          | 1    | 1   | 1  |
| 20          | 14-0302     | Nut, fixing for 83-4930            | 1    | 1   | 1  |
| 21          | 83-4776     | Badge, fuel tank - center          | 1    | 1   | 1  |
| 22          | 97-5061     | Grommet, for 83-4776               | 1    | 1   | 1  |
| 23          | 83-4934     | Rubber, center fuel tank mounting  | 1    | 1   | 1  |
| NI          | 82-8245     | Washer, retaining 83-4930 to frame | 1    | 1   | 1  |



AIR CLEANER AND SIDE PANELS

# AIR CLEANER & SIDE PANELS

| Ref.<br>No. | Part<br>No. | Description                            | T140 |     |    |
|-------------|-------------|----------------------------------------|------|-----|----|
|             |             |                                        | E2S  | LE  | EX |
|             |             |                                        | Qty  | Req |    |
| 1           | 83-7904     | Body, air cleaner L/H                  | 1    | 1   | 1  |
| 1           | 83-7907     | Body, air cleaner R/H                  | 1    | 1   | 1  |
| 2           | 83-7905     | Cover, air cleaner L/H                 | 1    | 1   | 1  |
| 2           | 85-7908     | Cover, air cleaner R/H                 | 1    | 1   | 1  |
| 3           | 60-4265     | Element air cleaner                    | 2    | 2   | 2  |
| 4           | 83-5448     | Tube, air intake L/H                   | 1    | 1   | 1  |
| 4           | 83-5449     | Tube, air intake R/H                   | 1    | 1   | 1  |
| 5           | 14-0221     | Bolt, body to cover                    | 2    | 2   | 2  |
| 6           | 82-8245     | Washer, retaining for 14-0221          | 2    | 2   | 2  |
| 7           | 60-2438     | Washer, locking for 14-0221            | 2    | 2   | 2  |
| NI          | 70-1465     | Washer, for 21-7114                    | 2    | 2   | 2  |
| 8           | 21-7114     | Nut, panel fixing                      | 2    | 2   | 2  |
| NI          | 60-7456     | Cap, for 21-7114                       | 2    | 2   | 2  |
| NI          | 83-7910     | Rubber washer, panel fixing            | 2    | 2   | 2  |
| NI          | 60-7397     | Retainer, for 83-7910                  | 2    | 2   | 2  |
| 9           | 60-3539     | Screw, fixing L/H to R/H body          | 2    | 2   | 2  |
| 10          | 21-0501     | Nut, for 60-3539                       | 2    | 2   | 2  |
| 13          | 71-7527     | Connector, carb. to air box            | 2    | 2   | 2  |
| NI          | 2928/146    | Clip, for 71-7527                      | 2    | 2   | 2  |
| 22          | 83-7316     | Nameplate, for "Misty Red"             | 2    |     |    |
| 22          | 83-7252     | Nameplate, for "Astral Blue"           | 2    |     |    |
| 22          | 83-7317     | Nameplate, for "Executive"             |      |     | 2  |
| 22          | 83-8182     | Nameplate, for "Royal"                 |      | 2   |    |
| 26          | 21-7020     | Nut, for 82-4129                       | 4    | 4   | 4  |
| 27          | 82-4129     | Screw, fixing nameplate                | 4    | 4   | 4  |
| 29          | 14-1302     | Nut, for 14-0218                       | 2    | 2   | 2  |
| 30          | 60-2321     | Washer, for 14-0218                    | 2    | 2   | 2  |
| 31          | 14-0218     | Bolt, air box to frame                 | 2    | 2   | 2  |
| 32          | 82-7380     | Rubber pad - under styling panel       | 2    | 2   | 2  |
| 34          | 83-7958     | Panel, styling L/H "Misty Red"         | 1    |     |    |
| 35          | 83-7959     | Panel, styling R/H "Misty Red"         | 1    |     |    |
| 34          | 83-7961     | Panel, styling L/H "Astral Blue"       | 1    |     |    |
| 35          | 83-7962     | Panel, styling R/H "Astral Blue"       | 1    |     |    |
| 34          | 83-8174     | Panel, styling L/H "Black - Gold Line" |      | 1   |    |
| 35          | 83-8175     | Panel, styling R/H "Black - Gold Line" |      | 1   |    |
| 34          | 83-8073     | Panel, styling L/H "Executive Red"     |      |     | 1  |
| 35          | 83-8074     | Panel, styling R/H "Executive Red"     |      |     | 1  |
| NI          | 60-7386     | Decal, "Electro"                       | 2    | 2   | 2  |
| NI          | 60-7364     | Decal, "Limited Edition"               |      | 2   | 2  |

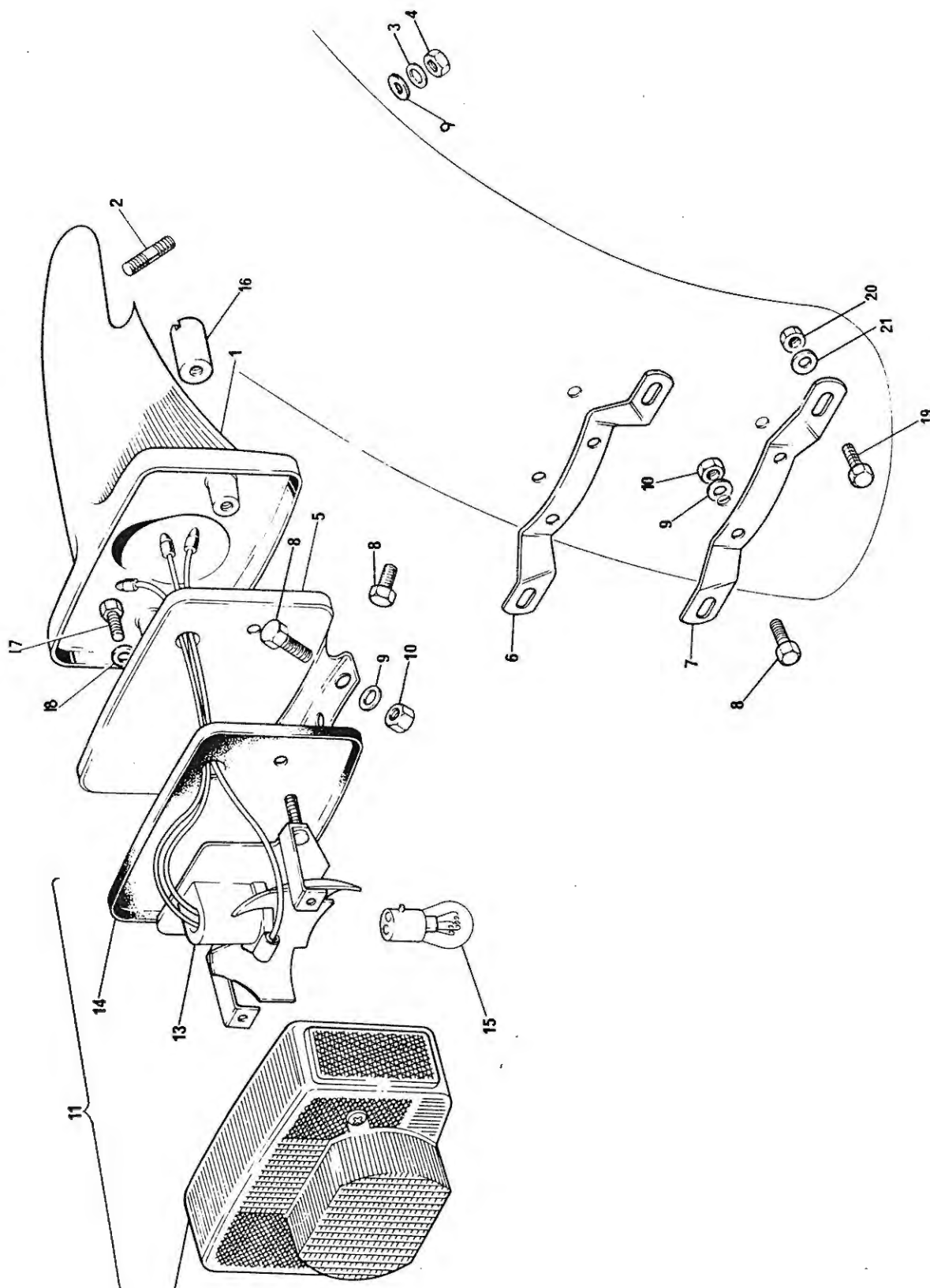


MUDGUARDS-FIXINGS

## FENDERS & FITTINGS

T140  
E2S LE EX  
Qty Req.

| Ref. No. | Part No. | Description                               |   |   |   |
|----------|----------|-------------------------------------------|---|---|---|
| 1        | 97-7138  | Fender, front - stainless steel           | 1 | 1 |   |
| 1        | 97-7126  | Fender, front - executive red             |   |   | 1 |
| 2        | 97-7004  | Bridge, front fender                      | 1 | 1 | 1 |
| 4        | 14-2205  | Screw, fixing front fender to bridge      | 3 | 3 | 3 |
| 5        | 21-7025  | Washer, for 14-2205                       | 3 | 3 | 3 |
| 8        | 21-7050  | Nut, for 14-2205                          | 3 | 3 | 3 |
| 9        | 97-4552  | Rear stay, front fender to btm member cap | 1 | 1 | 1 |
| 10       | 14-0101  | Bolt, fixing-rear stay to front fender    | 2 | 2 | 2 |
| 11       | 60-4245  | Washer, for 14-0101                       | 2 | 2 | 2 |
| 12       | 14-1201  | Nut, for 14-0101                          | 2 | 2 | 2 |
| 13       | 14-6114  | Bolt, rear stay to bottom member cap      | 2 | 2 | 2 |
| 14       | 60-2428  | Washer, for 14-6114                       | 2 | 2 | 2 |
| 15       | 14-0103  | Bolt, bridge to bottom member             | 4 | 4 | 4 |
| 16       | 60-2427  | Washer, for 14-0103                       | 4 | 4 | 4 |
| 17       | 83-8030  | Fender, rear - stainless steel            | 1 | 1 |   |
| 17       | 83-7759  | Fender, rear - executive red              |   |   | 1 |
| 18       | 14-0101  | Bolt, fixing rear fender to seat loop     | 2 | 2 | 2 |
| 19       | 60-2329  | Washer, for 14-0101                       | 2 | 2 | 2 |
| 20       | 14-1301  | Nut, for 14-0101                          | 2 | 2 | 2 |
| 21       | 83-2796  | Bracket, rear fender-lower front to frame | 1 | 1 | 1 |
| 22       | 14-0114  | Bolt, fixing for 83-2796                  | 2 | 2 | 2 |
| 23       | 60-2330  | Washer, for 14-0114                       | 2 | 2 | 2 |
| 24       | 14-1302  | Nut, for 14-0114                          | 2 | 2 | 2 |
| 25       | 83-7555  | Grab rail                                 | 1 | 1 |   |
| 26       | 14-0102  | Bolt, fixing-grab rail to rear fender     | 1 | 1 | 1 |
| 27       | 60-2329  | Washer, for 14-0102                       | 1 | 1 | 1 |
| 28       | 14-1301  | Nut, for 14-0102                          | 1 | 1 | 1 |
| 29       | 21-7025  | Washer, for 14-0102                       | 2 | 2 | 2 |
| NI       | 97-2209  | Washer, coil tray to rear fender          | 1 | 1 | 1 |



C 50

# TAIL LAMP AND SUPPORT



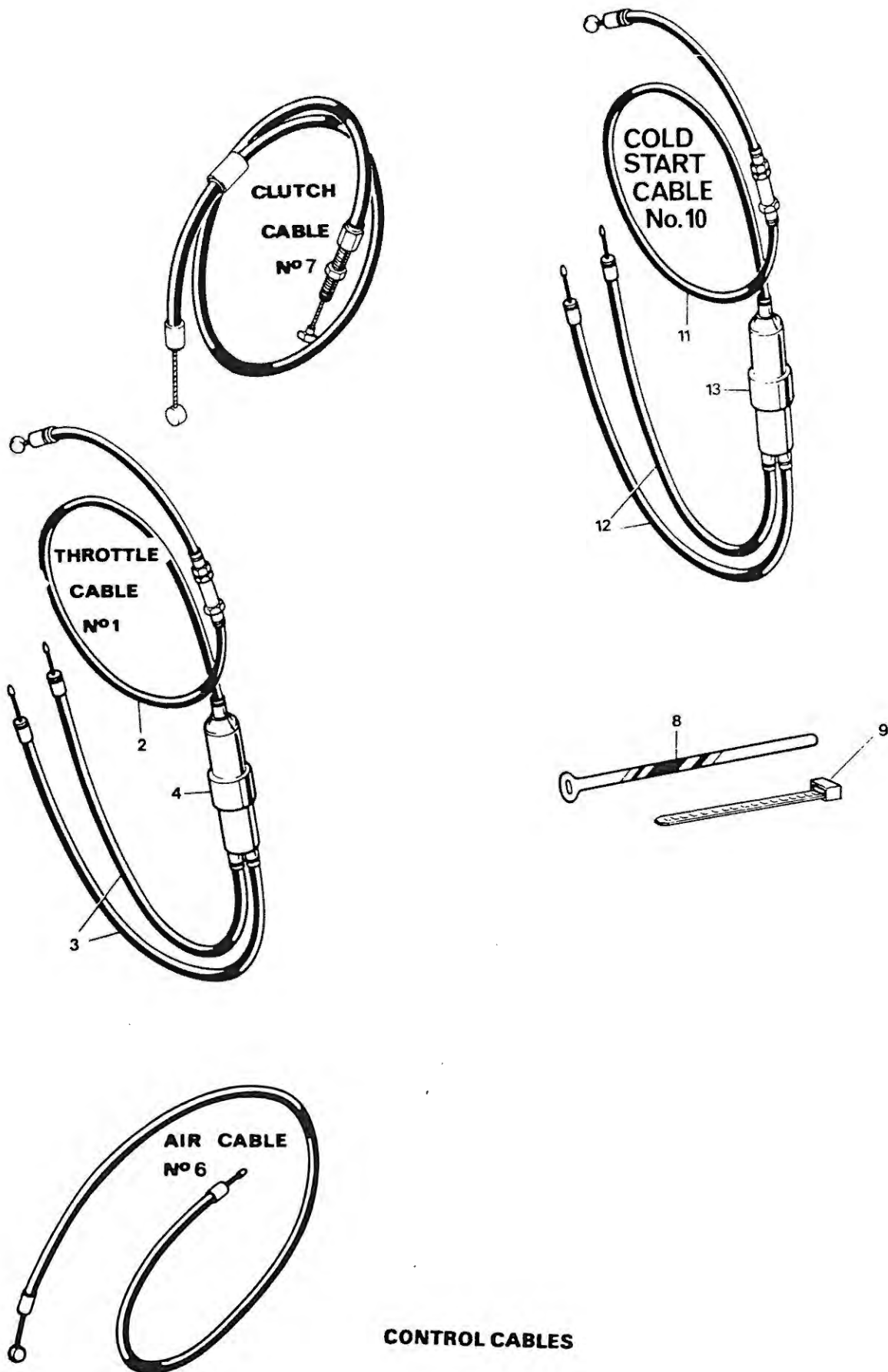
# TAIL LAMP & SUPPORT

| Ref.<br>No. | Part<br>No. | Description                          | T140 |     |    |
|-------------|-------------|--------------------------------------|------|-----|----|
|             |             |                                      | E2S  | LE  | EX |
|             |             |                                      | Qty  | Req |    |
| 1           | 83-7094     | Carrier, tail light                  | 1    | 1   | 1  |
| 2           | 21-2225     | Stud, carrier to rear fender         | 1    | 1   | 1  |
| 3           | 60-4250     | Washer, for 21-2225                  | 1    | 1   | 1  |
| 4           | 14-0301     | Nut, for 21-2225                     | 1    | 1   | 1  |
| 5           | 83-5001     | Support plate, tail light to carrier | 1    | 1   | 1  |
| 6           | 83-4784     | Bracket, No. plate - top             | 1    | 1   | 1  |
| 7           | 82-6850     | Bracket, No. plate - bottom          | 1    | 1   | 1  |
| 8           | 14-0102     | Bolt, fixing for Ref. No.(s) 5, 6, 7 | 4    | 4   | 4  |
| 9           | 60-2329     | Washer, for 14-0102                  | 4    | 4   | 4  |
| 10          | 14-1301     | Nut, for 14-0102                     | 4    | 4   | 4  |
| 11          | 56513       | TAIL LIGHT ASSEMBLY                  | 1    | 1   | 1  |
| 12          | 54584930    | Lens                                 | 1    | 1   | 1  |
| 13          | 54584931    | Base assembly                        | 1    | 1   | 1  |
| 14          | 54583924    | Gasket                               | 1    | 1   | 1  |
| 15          | 380         | Bulb                                 | 1    | 1   | 1  |
| 16          | 83-4800     | Sleeve nut, light to carrier         | 2    | 2   | 2  |
| 17          | 14-7804     | Screw, support plate to carrier      | 2    | 2   | 2  |
| 18          | 70-1612     | Washer, for 14-7804                  | 2    | 2   | 2  |
| 19          | 14-0101     | Bolt, No. plate attachment           | 4    | 4   | 4  |
| 20          | 14-1301     | Nut, for 14-0101                     | 4    | 4   | 4  |
| 21          | 60-2329     | Washer, for 14-0101                  | 4    | 4   | 4  |
| NI          | 83-4806     | Wiring protector                     | 1    | 1   | 1  |
| NI          | 60-4103     | Grommet, flasher wire                | 1    | 1   | 1  |
| NI          | 83-5105     | Grommet, light carrier               | 2    | 2   | 2  |
| NI          | 97-0961     | Grommet, fender for wiring           | 2    | 2   | 2  |
| NI          | 60-4440     | Grommet, flasher leads               | 2    | 2   | 2  |
| NI          | 60-4256     | Washer, for Ref. No. 16              | 2    | 2   | 2  |



# HANDLEBARS & CONTROL LEVERS

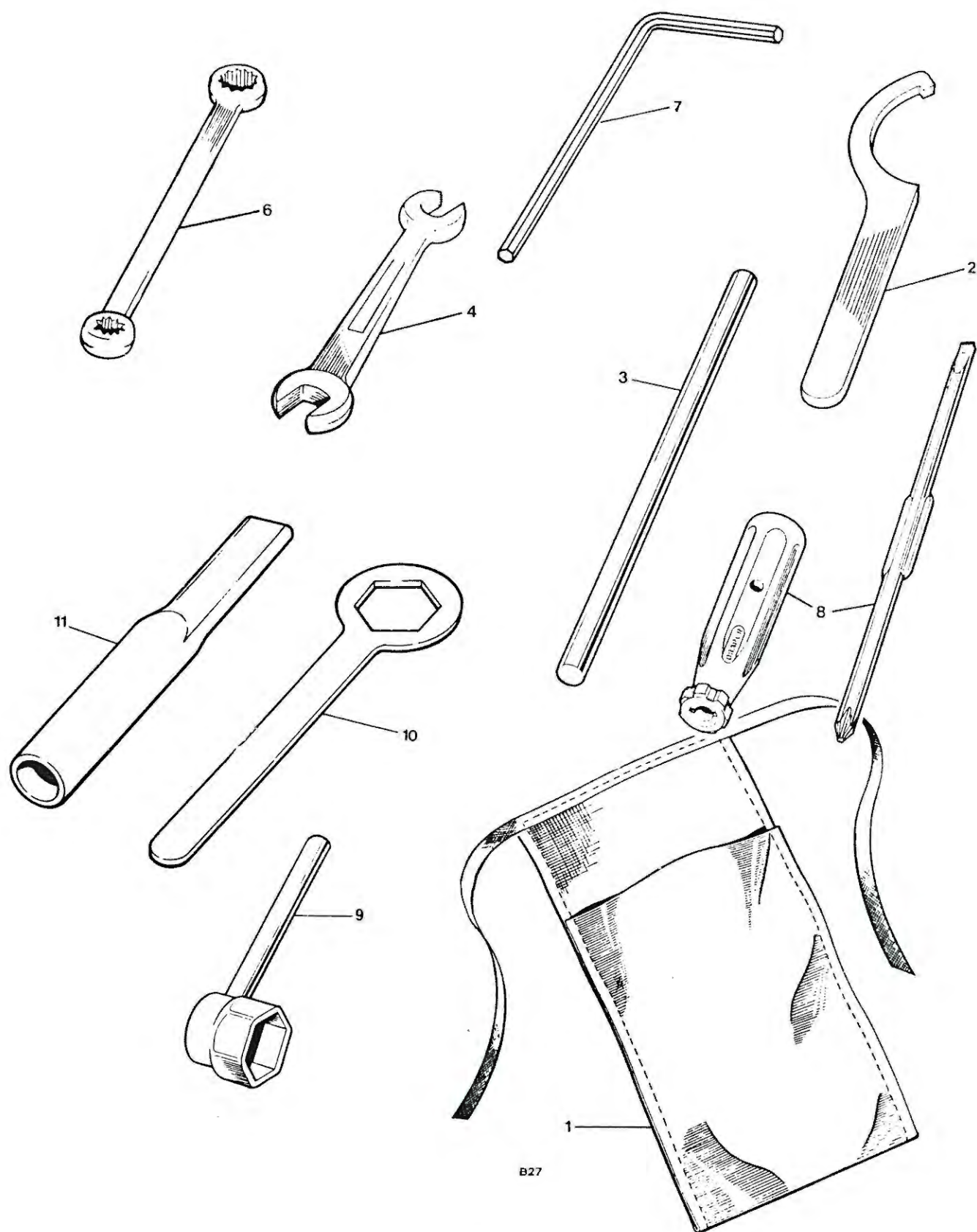
| Ref.<br>No. | Part<br>No. | Description                            | T140 |     |    |
|-------------|-------------|----------------------------------------|------|-----|----|
|             |             |                                        | E2S  | LE  | EX |
|             |             |                                        | Qty  | Req |    |
| 1           | 97-7041     | Handlebar                              |      | 1   | 1  |
| 1           | 97-7205     | Handlebar                              | 1    |     |    |
| 2           | 97-1425     | Sleeve, handlebar mounting             | 4    | 4   | 4  |
| 3           | 60-7144     | Throttle assy.                         | 1    | 1   | 1  |
| 4           | 97-2125     | Grip, R/H                              | 1    | 1   | 1  |
| 5           | 97-2142     | Grip, L/H                              | 1    | 1   | 1  |
| 6           | 60-3246     | Control lever assy. - cold start       | 1    | 1   | 1  |
| NI          | 60-7024     | Clip, fixing lever to handlebar        | 1    | 1   | 1  |
| 8           | 11/014      | Screw, for 60-7024                     | 2    | 2   | 2  |
| 9           | 97-5074     | Lever, front brake                     | 1    | 1   | 1  |
| 10          | 97-7035     | Lever, clutch                          | 1    | 1   | 1  |
| 11          | 21-7036     | Pivot pin - clutch lever               | 1    | 1   | 1  |
| 11          | 21-2191     | Pivot pin - brake lever                | 1    | 1   | 1  |
| 12          | 14-1901     | Nut, for 21-7036 & 21-2191             | 2    | 2   | 2  |
| 13          | 60-3585     | Adjuster - clutch cable                | 1    | 1   | 1  |
| 14          | 60-3586     | Nut, for 60-3585                       | 1    | 1   | 1  |
| 15          | 60-7464     | Switch, handlebar L/H                  | 1    | 1   | 1  |
| 18          | 60-7462     | Switch, handlebar c/w start button R/H | 1    | 1   | 1  |
| 21          | 97-2291     | Eyebolt, handlebar mounting            | 2    | 2   | 2  |
| 22          | 82-1335     | Washer, for 97-2291                    | 2    | 2   | 2  |
| 23          | 21-0589     | Bolt, for 97-2291                      | 2    | 2   | 2  |
| 24          | 97-1527     | Bush, eyebolt to top lug               | 2    | 2   | 2  |
| 25          | 97-1529     | Washer, eyebolt to top lug             | 4    | 4   | 4  |
| 26          | 97-1581     | Spacer, eyebolt to top lug             | 2    | 2   | 2  |
| 27          | 97-1580     | Rubber, eyebolt to top lug             | 2    | 2   | 2  |
| 28          | 97-2221     | Cup, for 97-1580                       | 2    | 2   | 2  |
| 29          | 14-1303     | Nut, fixing eyebolt to top lug         | 2    | 2   | 2  |
| 30          | 97-7053     | Pivot bush - clutch lever              | 1    | 1   | 1  |
| NI          | 60-7249     | Mirror, L/H & R/H                      | 2    | 2   | 2  |
| NI          | 83-7109     | Spacer for mirror                      |      |     | 2  |
| NI          | 37-2331     | Washer, for mirror at fairing          |      |     | 2  |
| NI          | 60-7201     | Cable tie, cables to handlebars        | 4    | 2   | 2  |



# **CONTROL CABLES**

# CONTROL CABLES

| Ref.<br>No. | Part<br>No. | Description                        | T140 |     |    |
|-------------|-------------|------------------------------------|------|-----|----|
|             |             |                                    | E2S  | LE  | EX |
|             |             |                                    | Qty  | Req |    |
| 1           | 60-7550     | THROTTLE CABLE ASSEMBLY            | 1    |     |    |
| 1           | 60-7506     | THROTTLE CABLE ASSEMBLY            |      | 1   | 1  |
| 2           | 60-7427     | Cable, throttle to junction box    | 1    |     |    |
| 2           | 60-7489     | Cable, throttle to junction box    |      | 1   | 1  |
| 3           | 60-7505     | Cable, junction box to carb.       | 2    | 2   | 2  |
| 4           | 244/104     | Junction box                       | 2    | 2   | 2  |
| 7           | 60-3925     | Clutch cable                       | 1    |     |    |
| 7           | 60-4168     | Clutch cable                       |      | 1   | 1  |
| 8           | 60-4254     | Cable tie                          | 8    | 8   | 8  |
| 9           | 60-7202     | Cable tie                          | 21   | 21  | 21 |
| 10          | 60-7551     | CHOKE CABLE ASSEMBLY               | 1    |     |    |
| 10          | 60-7507     | CHOKE CABLE ASSEMBLY               |      | 1   | 1  |
| 11          | 60-7430     | Cable, choke lever to junction box | 1    |     |    |
| 11          | 60-7504     | Cable, choke lever to junction box |      | 1   | 1  |
| 12          | 60-7505     | Cable, junction box to carb.       | 2    | 2   | 2  |
| NI          | 60-0777     | Cable tie                          | AR   | AR  | AR |
| NI          | 60-0978     | Cable tie                          | AR   | AR  | AR |
| NI          | 60-7567     | Elbow, for throttle cables         | AR   | AR  | AR |
| NI          | 60-7202     | Cable tie                          | AR   | AR  | AR |

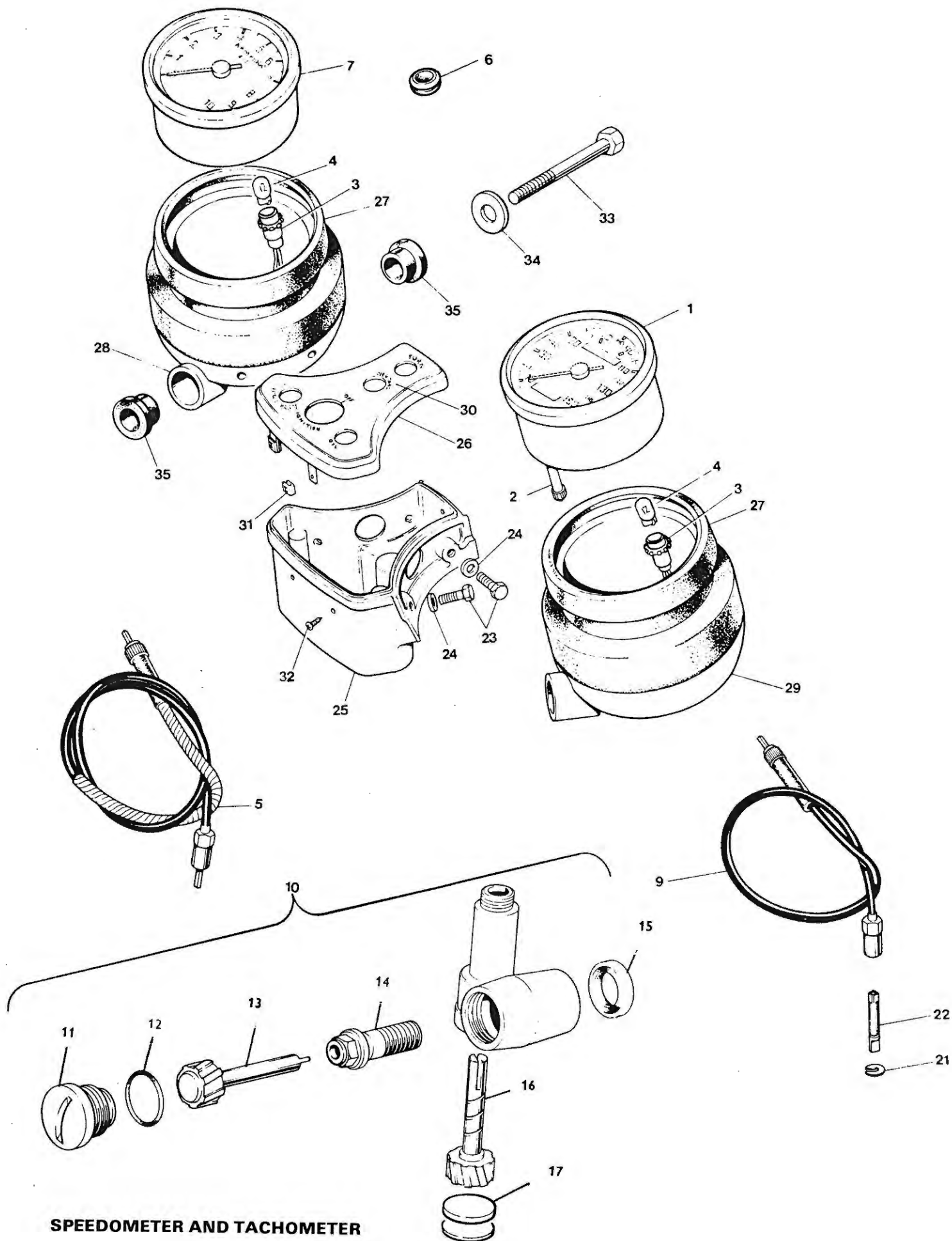


**TOOLKIT**

# TOOLKIT

| Ref.<br>No. | Part<br>No. | Description               | T140       |           |    |
|-------------|-------------|---------------------------|------------|-----------|----|
|             |             |                           | E2S<br>Qty | LE<br>Req | EX |
| 1           | 60-7166     | TOOLKIT COMPLETE          | 1          | 1         | 1  |
| 1           | 60-0291     | Tool roll                 | 1          | 1         | 1  |
| 2           | 60-2184     | Damper unit spanner       | 1          | 1         | 1  |
| 3           | 60-7041     | Tommy bar, for rear wheel | 1          | 1         | 1  |
| 4           | 60-2084     | Spanner - open end        | 1          | 1         | 1  |
| 6           | 60-1907     | Ring spanner              | 1          | 1         | 1  |
| 7           | 60-7167     | Key for hex socket screw  | 1          | 1         | 1  |
| 8           | 60-0767     | Screw driver              | 1          | 1         | 1  |
| 9           | 60-1050     | Plug spanner              | 1          | 1         | 1  |
| 10          | 60-7068     | Rear wheel spanner        | 1          | 1         | 1  |
| 11          | 60-7069     | Lever for spanner         | 1          | 1         | 1  |

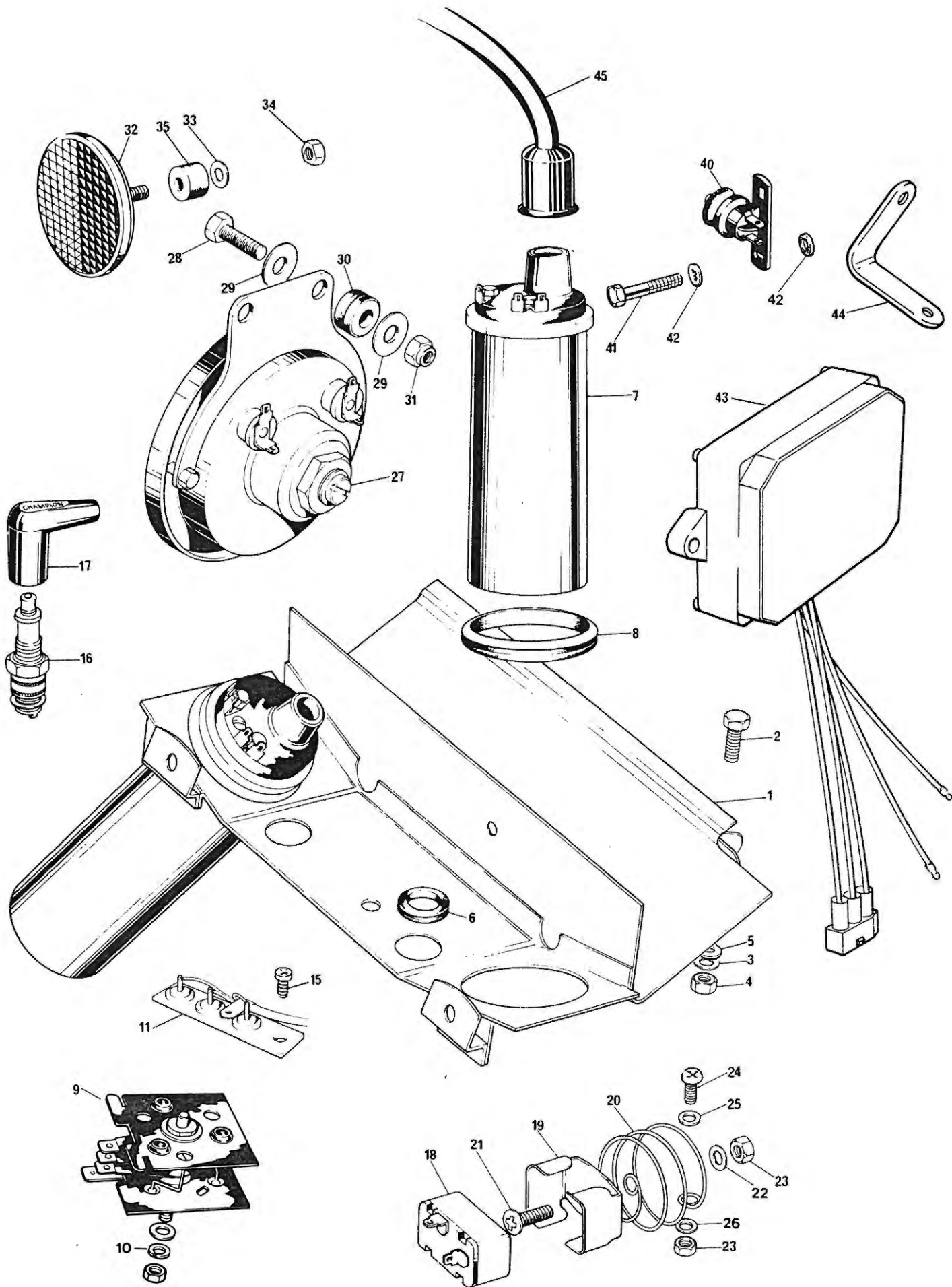




**SPEEDOMETER AND TACHOMETER**

# SPEEDOMETER & TACHOMETER

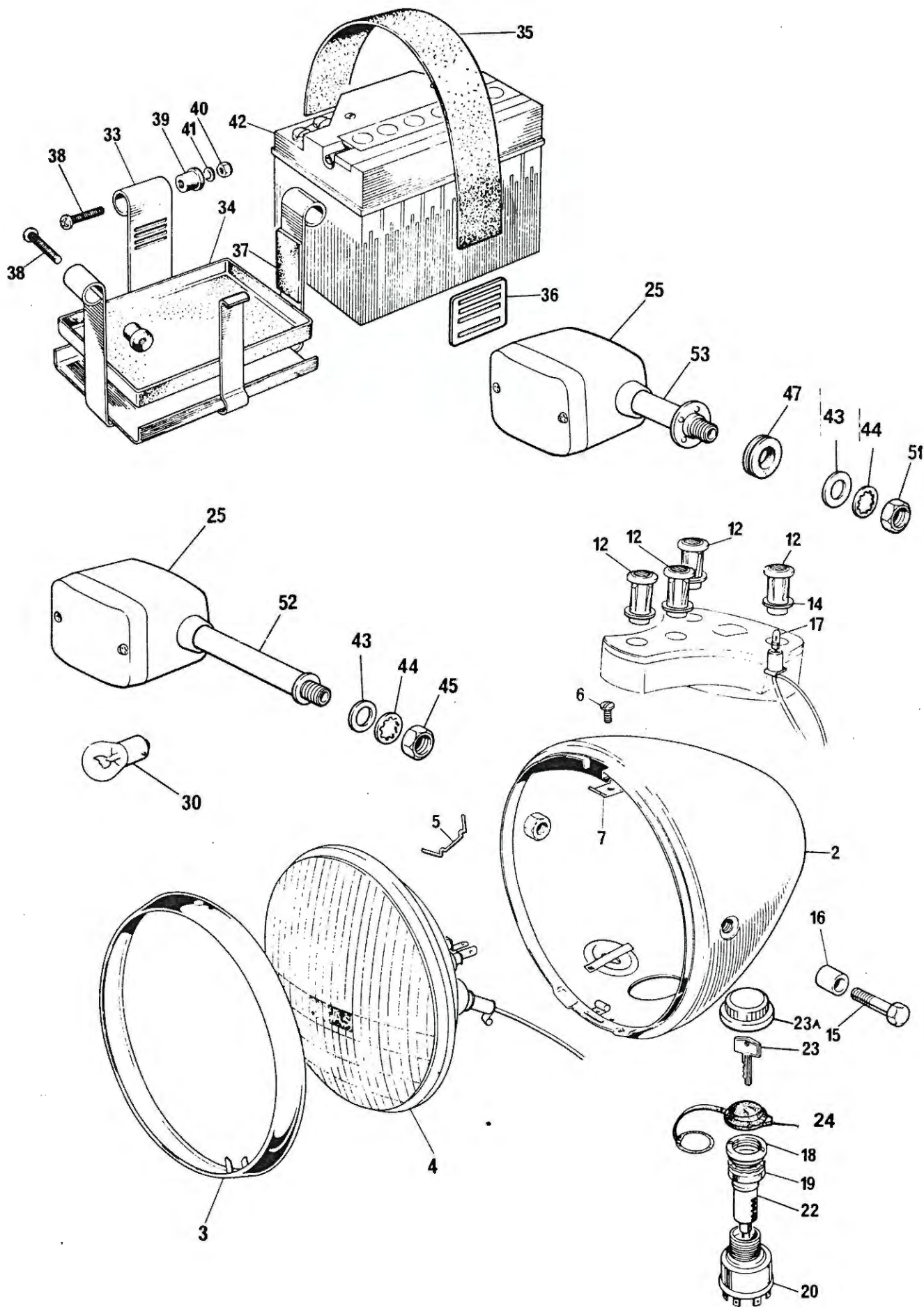
| Ref.<br>No. | Part<br>No. | Description                         | T140       |           |    |
|-------------|-------------|-------------------------------------|------------|-----------|----|
|             |             |                                     | E2S<br>Qty | LE<br>Req | EX |
| 1           | 60-7272     | Speedometer head                    | 1          | 1         | 1  |
| 2           | 60-7207     | Stem, trip control speedometer      | 1          | 1         | 1  |
| 3           | 51271406    | Bulb holder                         | 2          | 2         | 2  |
| 4           | 504         | Bulb                                | 2          | 2         | 2  |
| 5           | 60-7306     | Cable, speedometer drive            | 1          | 1         | 1  |
| 6           | 60-7221     | Grommet, bulb holder                | 2          | 2         | 2  |
| 7           | 60-7223     | Tachometer head                     | 1          | 1         | 1  |
| 9           | 60-0578     | Cable, tachometer drive             | 1          | 1         | 1  |
| 10          | 71-7011     | Tachometer gearbox assembly         | 1          |           | 1  |
| 10          | 71-7609     | Tachometer gearbox assembly - black |            | 1         |    |
| 11          | 71-2480     | Plug, tach. gearbox                 | 1          |           | 1  |
| 11          | 71-7611     | Plug, tach. gearbox                 |            | 1         |    |
| 12          | 60-3355     | O'Ring, for Ref. No. 11             | 1          | 1         | 1  |
| 13          | 70-5157     | Driving gear - tach                 | 1          | 1         | 1  |
| 14          | 70-9332     | Securing screw assy.                | 1          | 1         | 1  |
| 15          | 71-7012     | Thrust cap                          | 1          | 1         | 1  |
| 16          | 71-2653     | Driven gear - tach                  | 1          | 1         | 1  |
| 17          | 71-2481     | Welch plug                          | 1          | 1         | 1  |
| 21          | 60-0494     | Circlip, for 99-0173                | 1          | 1         | 1  |
| 22          | 99-0173     | Spade, tach drive                   | 1          | 1         | 1  |
| 23          | 14-6104     | Bolt, carrier to switch box         | 4          | 4         | 4  |
| 24          | 60-2427     | Washer, for 14-6104                 | 4          | 4         | 4  |
| 25          | 97-4577     | Switch box                          | 1          | 1         | 1  |
| 26          | 97-5000     | Panel, switch box                   | 1          | 1         | 1  |
| 27          | 97-4573     | Cup, instrument carrier             | 2          | 2         | 2  |
| 28          | 97-4574     | Carrier, tachometer                 | 1          | 1         | 1  |
| 29          | 97-4575     | Carrier, speedometer                | 1          | 1         | 1  |
| 30          | 60-4622     | Identification sheet                | 1          | 1         | 1  |
| 31          | 60-4503     | Spire nut, for 21-0762              | 3          | 3         | 3  |
| 32          | 21-0762     | Screw, fixing - panel to switch box | 3          | 3         | 3  |
| 33          | 14-0235     | Bolt, fixing - carrier to top lug   | 2          | 2         | 2  |
| 34          | 60-2340     | Washer, for 14-0235                 | 2          | 2         | 2  |
| 35          | 97-4588     | Rubber bush, for carrier            | 4          | 4         | 4  |



**COIL,CAPACITOR PACK, FLASHER UNIT, ZENER DIODE AND HORN**

# ELECTRICAL COMPONENTS

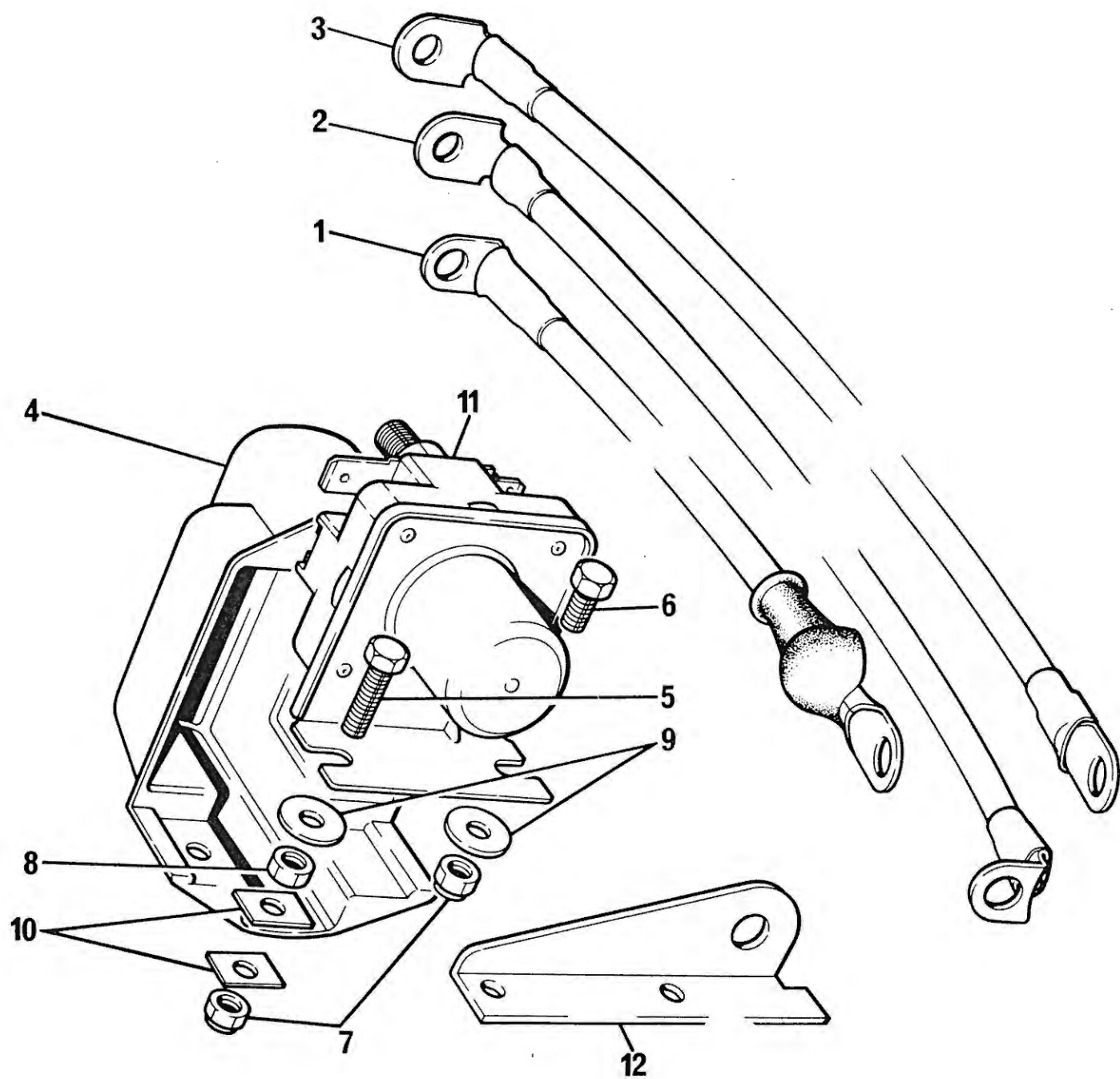
| Ref.<br>No. | Part<br>No. | Description                             | T140       |           |    |
|-------------|-------------|-----------------------------------------|------------|-----------|----|
|             |             |                                         | E2S<br>Qty | LE<br>Req | EX |
| 1           | 83-7502     | Coil & tool tray                        | 1          | 1         | 1  |
| 2           | 14-0103     | Bolt, fixing tray to fender at rear     | 1          | 1         | 1  |
| 3           | 60-2329     | Washer, for 14-0103                     | 1          | 1         | 1  |
| 4           | 14-1301     | Nut, for 14-0103                        | 1          | 1         | 1  |
| 5           | 97-2209     | Rubber washer, for 14-0103              | 1          | 1         | 1  |
| NI          | 60-2347     | Washer, for 14-0103                     | 1          | 1         | 1  |
| 6           | 82-6784     | Grommet, for harness at tray            | 2          | 2         | 2  |
| 7           | 45275       | Coil                                    | 2          | 2         | 2  |
| 8           | 82-9561     | Grommet, coil at tray                   | 2          | 2         | 2  |
| 9           | 83539       | Rectifier                               | 1          | 1         | 1  |
| 10          | 70-3887     | Washer, for 83539                       | 1          | 1         | 1  |
| 11          | 60-7401     | Diode pack-zener (3 bank)               | 1          | 1         | 1  |
| 15          | 21-7084     | Screw, for 60-7401 at airbox            | 2          | 2         | 2  |
| 16          | N5          | Spark plug - Champion                   | 2          | 2         | 2  |
| 17          | 60-0262     | Cover, spark plug                       | 2          | 2         | 2  |
| 18          | 35048       | Flasher unit                            | 1          | 1         | 1  |
| 19          | 54385091    | Holder, for 35048                       | 1          | 1         | 1  |
| 20          | 54386637    | Spring, for 35048                       | 1          | 1         | 1  |
| 21          | 21-2079     | Screw, fixing-holder to spring          | 1          | 1         | 1  |
| 22          | 60-2391     | Washer, for 21-2079                     | 1          | 1         | 1  |
| 23          | 21-7009     | Nut, for 21-2079                        | 2          | 2         | 2  |
| 24          | 21-2079     | Screw, fixing spring to tray            | 1          | 1         | 1  |
| 25          | 97-1388     | Washer, for 21-2079                     | 1          | 1         | 1  |
| 26          | 60-2416     | Washer, for 21-2079                     | 2          | 2         | 2  |
| 27          | 70276       | Horn                                    | 1          | 1         | 1  |
| 28          | 14-0103     | Bolt, fixing horn                       | 2          | 2         | 2  |
| 29          | 60-2347     | Washer, for 14-0103                     | 2          | 2         | 2  |
| 30          | 60-3161     | Grommet, horn fixing                    | 2          | 2         | 2  |
| 31          | 14-1301     | Nut, for 14-0103                        | 2          | 2         | 2  |
| 32          | 57183       | Reflector - "Amber"                     | 2          | 2         | 2  |
| 33          | 60-2416     | Washer, for 57183                       | 2          | 2         | 2  |
| 34          | 82-3799     | Nut, fixing for 57183                   | 2          | 2         | 2  |
| 35          | 83-3522     | Rubber spacer, for 57183                | 2          | 2         | 2  |
| 40          | 34815       | Switch, rear stop light                 | 1          | 1         | 1  |
| 41          | 21-7010     | Screw, fixing for 34815                 | 2          | 2         | 2  |
| 42          | 97-1388     | Washer, for 21-7010                     | 2          | 2         | 2  |
| 43          | 47270       | Amplifier unit                          | 1          | 1         | 1  |
| 44          | 83-7869     | Bracket, fixing for 47270 at airbox L/H | 2          | 2         | 2  |
| NI          | 14-0102     | Bolt, fixing for 47270 at bracket       | 2          | 2         | 2  |
| NI          | 14-0103     | Bolt, fixing bracket to airbox          | 2          | 2         |    |
| NI          | 60-2329     | Washer, for 14-0102                     | 2          | 2         | 2  |
| NI          | 14-1301     | Nut, for 14-0102 & 14-0103              | 4          | 4         | 4  |
| 45          | 60-3923     | Cable, spark plug to coil               | 2          | 2         | 2  |





# HEADLAMP AND FLASHER LAMPS

| Ref.<br>No. | Part<br>No. | Description                               | T140       |           |    |
|-------------|-------------|-------------------------------------------|------------|-----------|----|
|             |             |                                           | E2S<br>Qty | LE<br>Req | EX |
| 1           |             | HEADLIGHT ASSEMBLY                        | 1          | 1         | 1  |
| 2           |             | Shell, headlight                          | 1          | 1         | 1  |
| 3           | 553248      | Rim, headlight                            | 1          | 1         | 1  |
| 4           |             | Light unit - sealed beam                  | 1          | 1         | 1  |
| 5           |             | Wire, fixing seal beam                    | 6          | 6         | 6  |
| 6           | 144921      | Screw, fixing rim to shell                | 1          | 1         | 1  |
| 7           | 534296      | Plate, for 144921                         | 1          | 1         | 1  |
| 12          | 54363454    | Body, warning light - red - oil           | 1          | 1         | 1  |
| 12          | 54363455    | Body, warning light - green - neutral     | 1          | 1         | 1  |
| 12          | 54363453    | Body, warning light - amber - directional | 1          | 1         | 1  |
| 12          | 54361250    | Body, warning light - blue - high beam    | 1          | 1         | 1  |
| 14          | 54140331    | Washer, for Ref. No. 12                   | 3          | 3         | 3  |
| 15          | 54115106    | Bolt - headlight mounting                 | 2          | 2         | 2  |
| 16          | 97-7118     | Spacer, for 54115106                      | 2          | 2         | 2  |
| 17          | 281         | Bulb, warning light                       | 3          | 3         | 3  |
| 18          | 97-7120     | Nut, ignition switch                      | 1          | 1         | 1  |
| 19          | 97-4596     | Spacer, ignition switch                   | 1          | 1         | 1  |
| 20          | 39784       | Switch, ignition                          | 1          | 1         | 1  |
| 22          | 54335169    | Ignition lock c/w 2 keys                  | 1          | 1         | 1  |
| 23          | FS          | Ignition key - must state Key No.         | AR         | AR        | AR |
| 23A         | 97-7123     | Cap, ignition key                         | 1          | 1         | 1  |
| 24          | 60-7335     | Splash cap, ignition key                  | 1          | 1         | 1  |
| 25          | 60-7448     | Directional light, front & rear           | 4          | 4         | 4  |
| 30          | 382         | Bulb, directional light                   | 4          | 4         | 4  |
| 33          | 83-7504     | Carrier, battery                          | 1          | 1         | 1  |
| 34          | 82-8091     | Tray, battery carrier                     | 2          | 2         | 2  |
| 35          | 82-9353     | Strap, battery retaining                  | 1          | 1         | 1  |
| 36          | 82-9355     | Buckle, for 82-9353                       | 1          | 1         | 1  |
| 37          | 83-7235     | Protective strip, battery carrier         | 3          | 3         | 3  |
| 38          | 83-2508     | Screw, fixing battery carrier             | 3          | 3         | 3  |
| 39          | 82-6039     | Rubber bush, for 83-2508                  | 3          | 3         | 3  |
| 40          | 21-7050     | Nut, for 83-2508                          | 3          | 3         | 3  |
| 41          | 60-2329     | Washer, for 83-2508                       | 1          | 1         | 1  |
| 42          | 60-7317     | Battery, Yuasa YB14L                      | 1          | 1         | 1  |
| 43          | 60-4350     | Washer, for Ref. No.(s) 52 & 53           | 4          | 4         | 4  |
| 44          | 37-2331     | Washer, for Ref. No.(s) 52 & 53           | 4          | 4         | 4  |
| 45          | 14-0404     | Nut, fixing for Ref. No.(s) 52 & 53       | 4          | 4         | 4  |
| 47          | 82-5753     | Grommet, for 83-8026                      | 2          | 2         | 2  |
| 52          | 83-8023     | Stem, directional light - front           | 2          | 2         | 2  |
| 53          | 83-8026     | Stem, directional light - rear            | 2          | 2         |    |
| 53          | 83-8068     | Stem, directional light - rear            |            |           | 2  |
| NI          |             | Lens, directional light                   | 4          | 4         | 4  |
| NI          |             | Screw, fixing directional light lens      | 8          | 8         | 8  |
| NI          | 60-7501     | Lead, directional light                   | 4          | 4         | 4  |
| NI          | 60-7502     | Lead, directional light "ground" front    | 2          | 2         | 2  |
| NI          | 60-7498     | Lead, directional light "ground" rear     | 2          | 2         | 2  |
| NI          | 60-7199     | Lead, amplifier "ground"                  | 1          | 1         | 1  |
| NI          | 60-7465     | Main wiring harness                       | 1          | 1         | 1  |
| NI          | 60-7198     | Sub harness - rear                        | 1          | 1         | 1  |





# SOLENOID

| Ref.<br>No. | Part<br>No. | Description                   | T140 |     |    |
|-------------|-------------|-------------------------------|------|-----|----|
|             |             |                               | E2S  | LE  | EX |
|             |             |                               | Qty  | Req |    |
| 1           | 60-7320     | Lead, starter to solenoid     | 1    | 1   | 1  |
| 2           | 60-7321     | Lead, battery to solenoid     | 1    | 1   | 1  |
| 3           | 60-7322     | Lead, battery to ground       | 1    | 1   | 1  |
| 4           | 83-7644     | Cover, solenoid switch        | 1    | 1   | 1  |
| 5           | 23-1015     | Bolt, fixing solenoid - upper | 1    | 1   | 1  |
| 6           | 23-1012     | Bolt, fixing solenoid - lower | 1    | 1   | 1  |
| 7           | 23-2161     | Nut, fixing solenoid cover    | 2    | 2   | 2  |
| 8           | 23-2001     | Nut, fixing solenoid          | 1    | 1   | 1  |
| 9           | 97-1388     | Washer, for Ref. No.(s) 5 & 6 | 2    | 2   | 2  |
| 10          | 21-7105     | Washer, solenoid cover        | 2    | 2   | 2  |
| 11          | 60-7318     | Solenoid starter switch       | 1    | 1   | 1  |
| 12          | 83-7737     | Bracket, solenoid fixing      | 1    | 1   | 1  |

# T140EX "EXECUTIVE EQUIPMENT

| Part No. | Description | Qty. |
|----------|-------------|------|
|----------|-------------|------|

## PANNIERS & TOP BOX

|         |                                        |    |
|---------|----------------------------------------|----|
| 83-7766 | Pannier Set & Top Box C/W Fittings Red | 1  |
| 83-7767 | Pannier Frame C/W Lock LH              | 1  |
| 83-7768 | Pannier Frame C/W Lock RH              | 1  |
| 83-7769 | Bridge Stay - Pannier Frame            | 1  |
| 83-7770 | Side Rail                              | 2  |
| 83-7771 | Bottom Stay                            | 2  |
| 83-7772 | Top Box Support LH                     | 1  |
| 83-7773 | Top Box Support RH                     | 1  |
| 83-7774 | Frame Top Box C/W Lock                 | 1  |
| 83-7775 | Bracket - Indicator Mounting           | 2  |
| 23-1043 | Bolt Pannier Assy Top                  | 10 |
| 23-1040 | Bolt Pannier Assy Bottom               | 4  |
| 23-1557 | Washer For Bolt                        | 4  |
| 23-1033 | Bolt - Top Box To Frame                | 4  |
| 23-1556 | Washer For Bolt                        | 4  |
| 83-7776 | Pannier Case Red LH                    | 1  |
| 83-7777 | Pannier Case Red RH                    | 1  |
| 83-7778 | Top Box Red                            | 1  |
| 83-8068 | Indicator Stem Assy                    | 4  |
| 60-7361 | Extension Lead Indicator Rear          | 2  |

## FRONT FAIRING SMALL

|         |                                    |   |
|---------|------------------------------------|---|
| 60-7359 | Fairing Red C/W Screen & Fittings  | 1 |
| 60-7360 | Fairing Red C/W Screen             | 1 |
| 97-7127 | Bracket Fairing Top Fixing LH      | 1 |
| 97-7139 | Bracket Fairing Top Fixing RH      | 1 |
| 97-0236 | Bolt - L/RH Bracket To Top Yoke    | 1 |
| 97-7128 | Bracket - Fairing Bottom Fixing LH | 1 |
| 97-7129 | Bracket Fairing Bottom Fixing RH   | 1 |
| 21-1043 | Bolt Fairing To Bottom Bracket     | 2 |
| 21-7098 | Nut - Dome For Bolt                | 2 |
| 83-7775 | Bracket - Indicator Mounting       | 2 |

# British Only

MOTORCYCLES AND PARTS INC.

32451 PARK LANE

GARDEN CITY, MI 48135 USA

PHONE ORDER HOURS:

MONDAY THRU FRIDAY 10-6 EST

*Fax or email 24 hours a day!*

RETAIL: 734-421-0303  
WHOLESALE: 734-525-1980  
FAX: 734-422-9253  
EMAIL: [info@britishonly.com](mailto:info@britishonly.com)  
WEBSITE: [www.britishonly.com](http://www.britishonly.com)

## THE BIGGEST!

ENGINE REBUILDING PARTS  
GASKETS-SEALS-BEARINGS  
BUSHINGS-PISTONS-RINGS  
CLUTCHES-TUNE UP PARTS  
SPEED EQUIPMENT

## THE BEST!

STOCK AND CUSTOM PARTS  
SEATS-HANDLEBARS-CHAINS  
TIRES-TUBES-EXHAUST PIPES  
MUFFLERS-GAS TANKS-FENDERS  
RESTORATION PARTS

## THE ONLY!

WORLD'S LARGEST SELECTION OF FACTORY ORIGINAL NEW AND USED PARTS  
45,000 SQ. FT. OF MOTORCYCLE PARTS & ACCESSORIES FROM 1911 TO 1984 FOR ALL BRITISH MAKES!  
CASH FOR ALL BRITISH BIKES, PARTS AND LITERATURE

### V.I.P. Buyers Club

**SAVE 10% OR MORE  
ON 17,000+ PARTS**



Blue Light Specials

### British Only E-Store

Bookstore  
New Products  
Scratch & Dent

50,000+ PARTS  
LISTED ONLINE  
9,000+ PARTS  
VIEWABLE ONLINE

## CALL FOR OUR FREE 272 PAGE CATALOG!

OVERSEAS CUSTOMERS PLEASE SEND \$10.00 FOR AIR POST

## 1-800-BRT-ONLY

OR

## 1-800-278-6659

Visit our website!

[www.britishonly.com](http://www.britishonly.com)

- HYDE
- AMAL
- LUCAS
- SMITHS
- ROWE
- HEPOLITE
- MORGO
- DUNLOP
- RENOLD
- MEGACYCLE
- JOE HUNT
- BOOKSTORE
- NORVIL
- MORGO
- BARNETT
- JP PISTONS
- ALPHA

50,000+ PARTS LISTED ONLINE  
9,000+ PARTS VIEWABLE ONLINE

SPECIALIZING IN

## TRIUMPH

## Norton

## BSA

PARTS  
SHIPPED  
WORLDWIDE!





# British Only

MOTORCYCLES AND PARTS INC.

32451 PARK LANE

GARDEN CITY, MI 48135 USA

PHONE ORDER HOURS:

MONDAY THRU FRIDAY 10-6 EST

*Fax or email 24 hours a day!*

RETAIL: 734-421-0303  
WHOLESALE: 734-525-1980  
FAX: 734-422-9253  
EMAIL: [info@britishonly.com](mailto:info@britishonly.com)  
WEBSITE: [www.britishonly.com](http://www.britishonly.com)

## THE BIGGEST!

ENGINE REBUILDING PARTS  
GASKETS-SEALS-BEARINGS  
BUSHINGS-PISTONS-RINGS  
CLUTCHES-TUNE UP PARTS  
SPEED EQUIPMENT

## THE BEST!

STOCK AND CUSTOM PARTS  
SEATS-HANDLEBARS-CHAINS  
TIRES-TUBES-EXHAUST PIPES  
MUFFLERS-GAS TANKS-FENDERS  
RESTORATION PARTS

## THE ONLY!

WORLD'S LARGEST SELECTION OF FACTORY ORIGINAL NEW AND USED PARTS

45,000 SQ. FT. OF MOTORCYCLE PARTS & ACCESSORIES FROM 1911 TO 1984 FOR ALL BRITISH MAKES!

CASH FOR ALL BRITISH BIKES, PARTS AND LITERATURE

### V.I.P. Buyers Club

**SAVE 10% OR MORE  
ON 17,000+ PARTS**



### British Only E-Store

Bookstore  
New Products  
Scratch & Dent  
Blue Light Specials

50,000+ PARTS  
LISTED ONLINE  
9,000+ PARTS  
VIEWABLE ONLINE

## CALL FOR OUR FREE 272 PAGE CATALOG!

OVERSEAS CUSTOMERS PLEASE SEND \$10.00 FOR AIR POST

## 1-800-BRT-ONLY

OR

## 1-800-278-6659

Visit our website!

[www.britishonly.com](http://www.britishonly.com)

— HYDE

— AMAL

— LUCAS

— SMITHS

— ROWE

— HEPOLITE

— MORGO

— DUNLOP

— RENOLD

— MEGACYCLE

— JOE HUNT

— BOOKSTORE

— NORVIL

— MORGO

— BARNETT

— JP PISTONS

— ALPHA

50,000+ PARTS LISTED ONLINE  
9,000+ PARTS VIEWABLE ONLINE

SPECIALIZING IN

## Triumph

## Norton

## BSA

PARTS  
SHIPPED  
WORLDWIDE!



----- Fold -----

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_

USE  
FIRST CLASS  
LETTER  
POSTAGE

**British Only**

MOTORCYCLES AND PARTS INC.

32451 PARK LANE  
GARDEN CITY MI 48135 U.S.A.

----- Fold -----



MOTORCYCLES AND PARTS INC.

**Web Address:** <http://www.britishonly.com>  
**E-mail:** [info@britishonly.com](mailto:info@britishonly.com)

|              |
|--------------|
| <b>Year</b>  |
| <b>Make</b>  |
| <b>Model</b> |

[illegible]

Date      /      /      Customer #      Salesperson     

| Credit Card Used | Card# | Expires |
|------------------|-------|---------|
|------------------|-------|---------|

Name \_\_\_\_\_

Address \_\_\_\_\_

City / State / Zip \_\_\_\_\_

Phone / Fax /

Email \_\_\_\_\_

Signature \_\_\_\_\_

|                                        |  |
|----------------------------------------|--|
| Subtotal                               |  |
|                                        |  |
| Insurance                              |  |
| Shipping                               |  |
| Total                                  |  |
| Michigan Residents<br>Add 6% Sales Tax |  |
| Amount<br>Enclosed                     |  |

042600

- - - - - Fold - - - - -

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_

USE  
FIRST CLASS  
LETTER  
POSTAGE

# British Only

MOTORCYCLES AND PARTS INC.

32451 PARK LANE  
GARDEN CITY MI 48135 U.S.A.

- - - - - Fold - - - - -



**MOTORCYCLES AND PARTS INC.**

**32451 PARK LANE  
GARDEN CITY, MI 48135  
ORDER DESK 1-800-278-6659  
OTHER INQUIRIES 734-421-0303  
FAX 734-422-9253**

**Web Address: <http://www.britishonly.com>  
E-mail: [info@britishonly.com](mailto:info@britishonly.com)**

|       |
|-------|
| Year  |
| Make  |
| Model |

[illegible]

Date        /        /        Customer #        Salesperson       

| Credit Card Used | Card# | Expires |
|------------------|-------|---------|
|------------------|-------|---------|

Name \_\_\_\_\_

Address \_\_\_\_\_

City / State / Zip \_\_\_\_\_

Phone / Fax /

Email \_\_\_\_\_

**Signature** \_\_\_\_\_

|                                        |  |
|----------------------------------------|--|
| Subtotal                               |  |
|                                        |  |
| Insurance                              |  |
| Shipping                               |  |
| Total                                  |  |
| Michigan Residents<br>Add 6% Sales Tax |  |
| Amount<br>Enclosed                     |  |

042600