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REPLACEMENT PARTS

FOR



MOTOR CYCLES

1950

THUNDERBIRD

3T DE LUXE

SPEED TWIN

TIGER 100

(See Separate List for Trophy Model)

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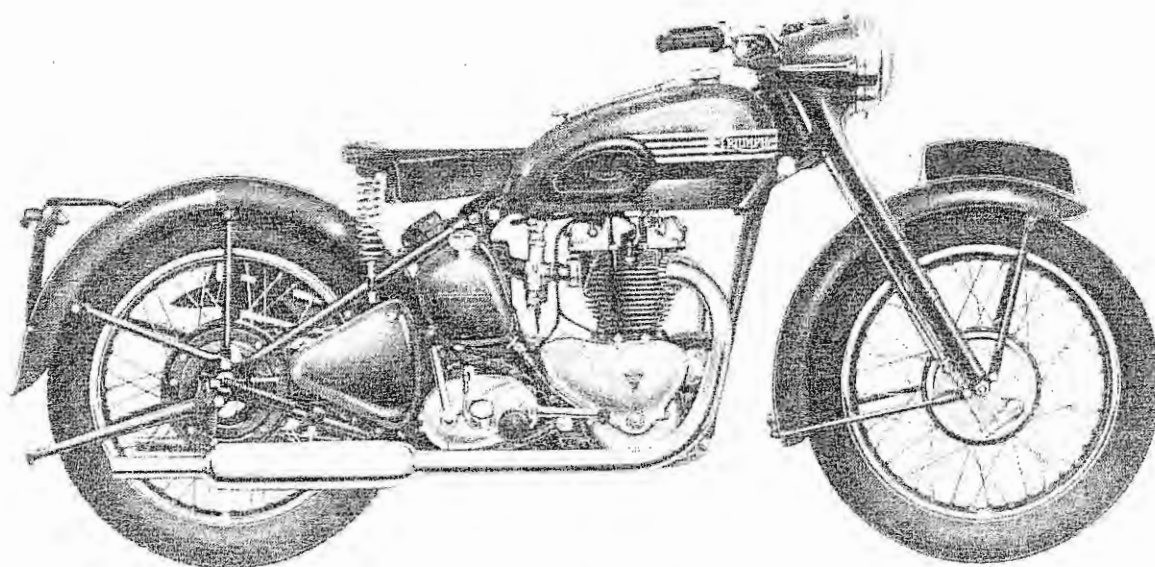
To assist the owner and dealer in identifying requirements, this book contains numerous exploded views of major assemblies. Each component part is numbered and by cross reference to the illustration index, the part number of the component will be found. Against each part number a page and reference number is shown and by referring to the appropriate page, the full description of the part will be found against the reference number.

## Example.

To find the part number of a scraper ring for the model 5T.

1. Refer to illustration index page where it will be found that the exploded view of the 5T engine is on page 24.
2. Note that the number of the scraper ring on the illustration is 2.
3. Refer to the index for the illustration in question on page 25.
4. Note that No. 2 is part number GE.29, listed on page 23. Reference line No. 21.

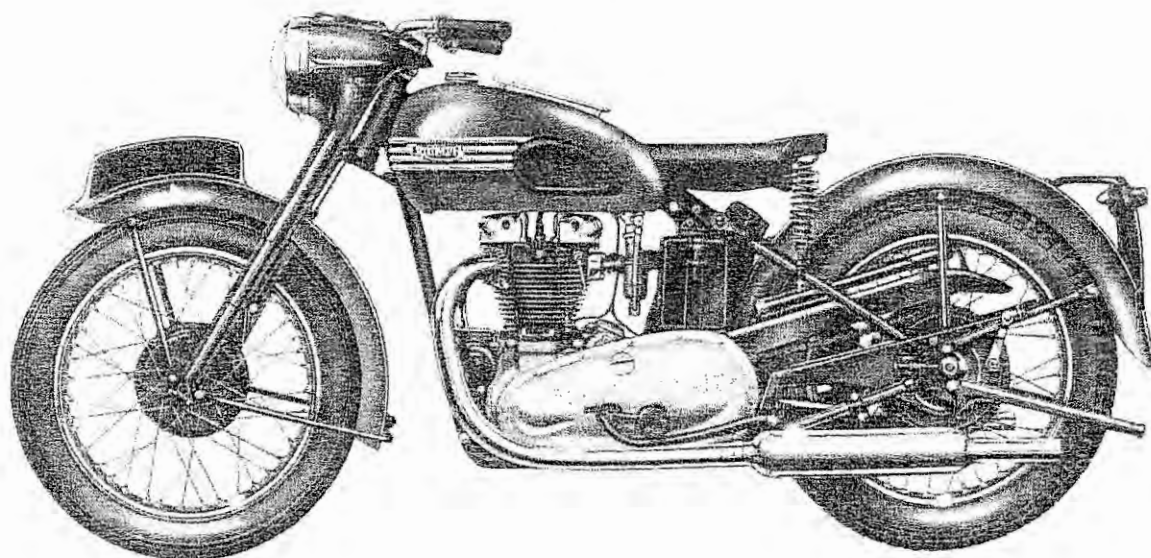


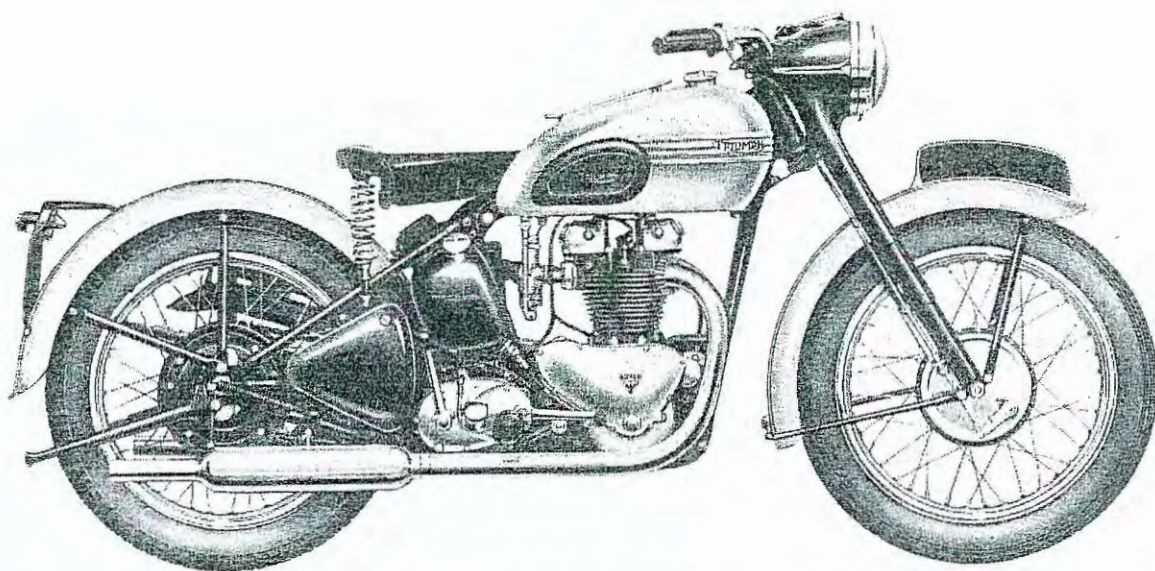


## SPECIFICATION

|                          |             |                                |                 |
|--------------------------|-------------|--------------------------------|-----------------|
| Bore and stroke mm       | ... 71 × 82 | Tappet clearance, cold         | ... .001"       |
| Cylinder capacity        | ... 649     | Ignition, fully advanced       | ... 5/8"        |
| Compression ratio        | ... 7.1     | Piston ring gap                | ... .010"-.014" |
| Engine sprocket, solo    | ... 24      | Inlet valve opens, B.T.D.C.    | ... 26 1/2°     |
| Engine sprocket, sidecar | ... 21      | Exhaust valve closes, A.T.D.C. | ... 35°         |
| Carburettor main jet     | ... 170*    | Petrol tank, gallons           | ... 4           |
| Carburettor slide        | ... 6/3 1/2 | Oil tank, pints                | ... 6           |
| Carburettor needle jet   | ... 107     | Weight, lbs. (dry)             | ... 370         |

\* 190 Without air cleaner

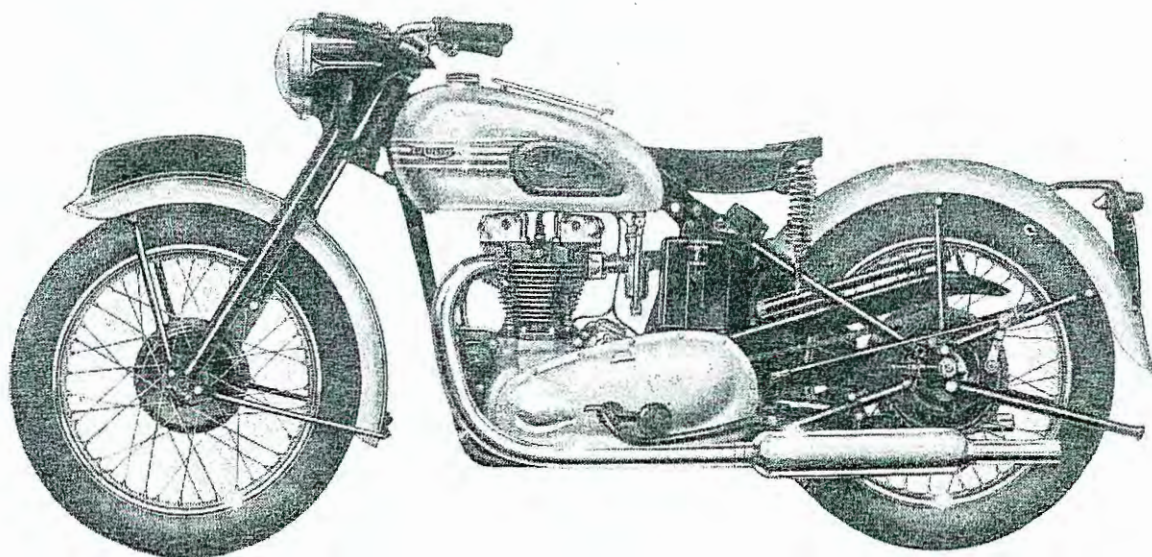




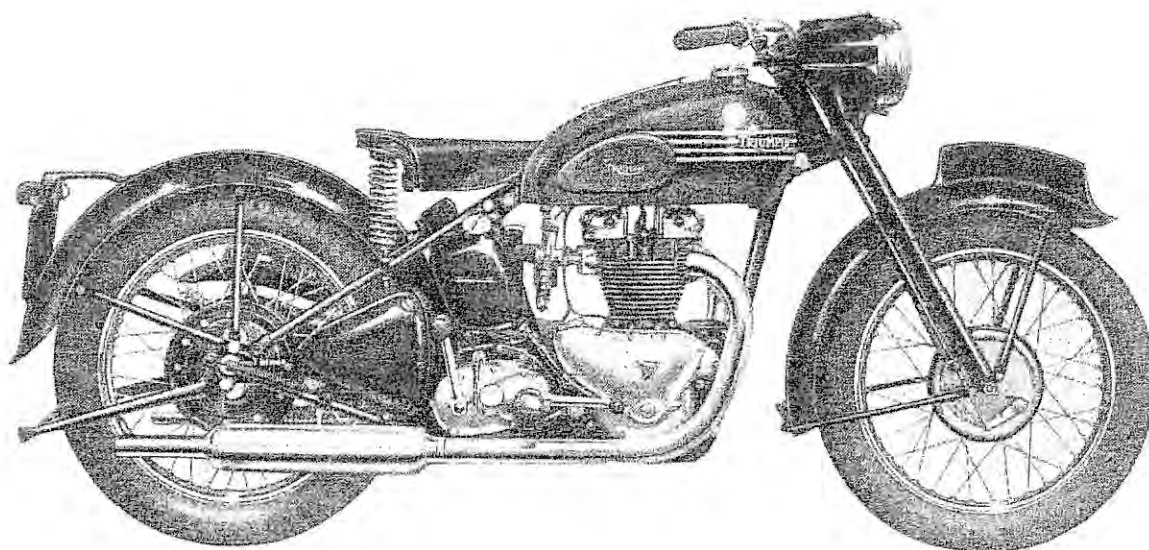
### SPECIFICATION

|                          |                    |                                |                             |
|--------------------------|--------------------|--------------------------------|-----------------------------|
| Bore and stroke mm       | ... 63 × 80        | Tappet clearance, cold         | ... .001"                   |
| Cylinder capacity        | ... 498            | Ignition, fully advanced       | ... $\frac{3}{8}$ "         |
| Compression ratio        | ... 7.8 : 1        | Piston ring gap                | ... .010"-.014"             |
| Engine sprocket solo     | ... 22             | Inlet valve opens, B.T.D.C.    | ... $26\frac{1}{2}^{\circ}$ |
| Engine sprocket, sidecar | ... 19             | Exhaust valve closes, A.T.D.C. | ... $35^{\circ}$            |
| Carburettor main jet     | ... 150*           | Petrol tank, gallons           | ... 4                       |
| Carburettor slide        | ... $6\frac{3}{4}$ | Oil tank, pints                | ... 6                       |
| Carburettor needle jet   | ... 107            | Weight lbs. (dry)              | ... 365                     |

\* 160 Without air cleaner

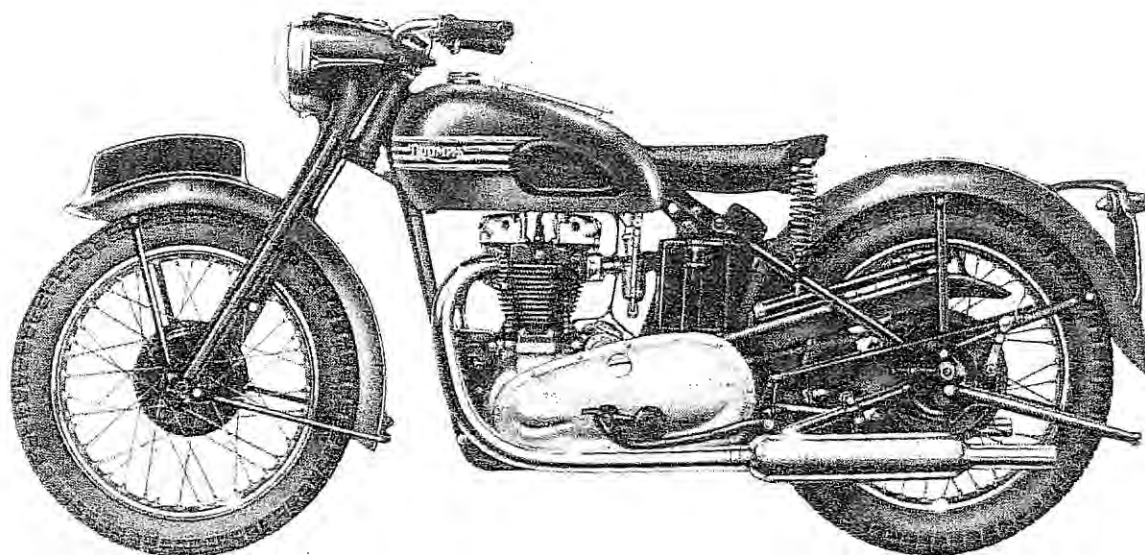


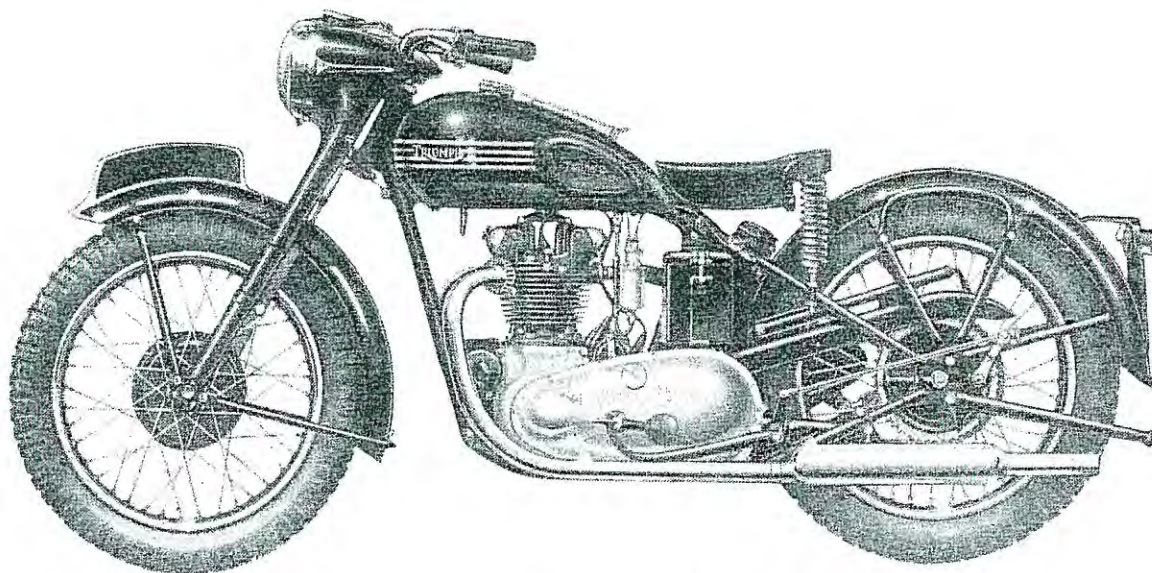




## SPECIFICATION

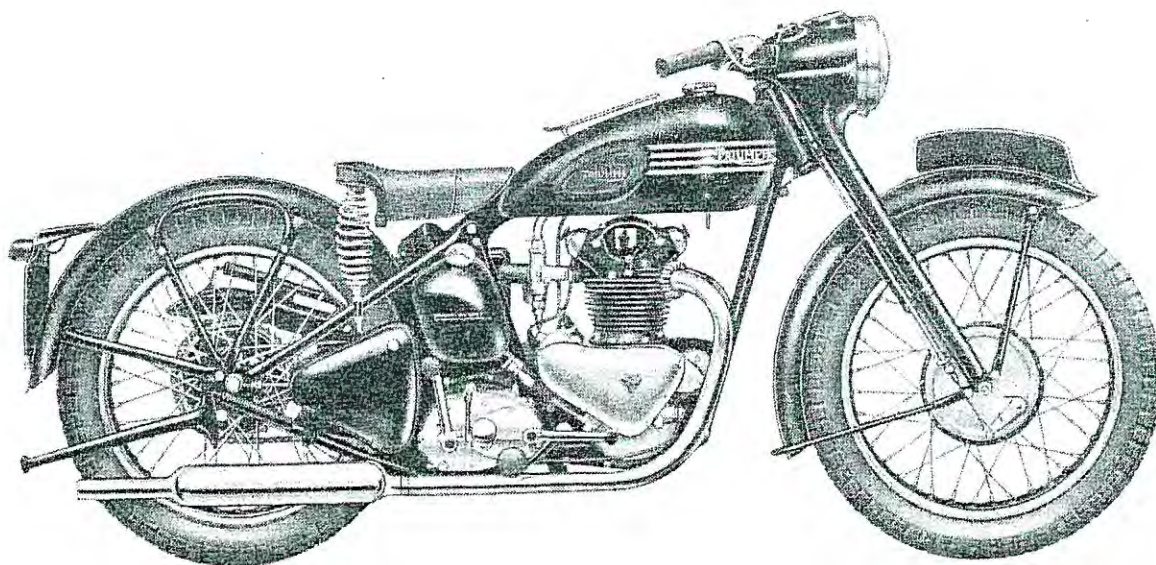
|                          |             |                                |                 |
|--------------------------|-------------|--------------------------------|-----------------|
| Bore and stroke mm       | ... 63 × 80 | Tappet clearance, cold         | ... .001"       |
| Cylinder capacity        | ... 498     | Ignition, fully advanced       | ... 3"          |
| Compression ratio        | ... 7.1     | Piston ring gap                | ... .010"-.014" |
| Engine sprocket solo     | ... 22      | Inlet valve opens, B.T.D.C.    | ... 26½°        |
| Engine sprocket, sidecar | ... 19      | Exhaust valve closes, A.T.D.C. | ... 35°         |
| Carburettor main jet     | ... 140     | Petrol tank, gallons           | ... 4           |
| Carburettor slide        | ... 6/3½    | Oil tank, pints                | ... 6           |
| Carburettor needle jet   | ... 107     | Weight lbs. (dry)              | ... 365         |





### SPECIFICATION

|                        |     |           |                                |     |           |
|------------------------|-----|-----------|--------------------------------|-----|-----------|
| Bore and stroke mm     | ... | 55 × 73.4 | *Ignition, fully advanced      | ... | 11/32"    |
| Cylinder capacity      | ... | 349       | Piston ring gap                | ... | .010"-14" |
| Compression ratio      | ... | 6.3-1     | Inlet valve opens, B.T.D.C.    | ... | 22°       |
| Engine sprocket, solo  | ... | 19        | Exhaust valve closes, A.T.D.C. | ... | 25°       |
| Carburettor main jet   | ... | 120       | Petrol tank, gallons           | ... | 3         |
| Carburettor slide      | ... | 5/4       | Oil tank, pints                | ... | 6         |
| Carburettor needle jet | ... | 107       | Weight, lbs. (dry)             | ... | 325       |
| Tappet clearance cold  | ... | .001"     | *9/32 With Low Octane Fuel.    |     |           |





# CARTON PACK COMPONENT LIST

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

| Part No.                              |    | Description and Contents |                            |
|---------------------------------------|----|--------------------------|----------------------------|
| <b>Brake Lining</b>                   |    |                          |                            |
| CP.38                                 | 2  | NW.243                   | Lining, brake              |
|                                       | 16 | W.129                    | Rivet                      |
| CP.66                                 | 2  | W.631                    | Lining, brake              |
|                                       | 16 | W.129                    | Rivet                      |
| <b>Crankcase Bearing</b>              |    |                          |                            |
| CP.87                                 | 1  | E.1591                   | Bearing, ball              |
|                                       | 1  | E.2877                   | Bearing, roller            |
| <b>Fork (Telescopic) Service Pack</b> |    |                          |                            |
| CP.50                                 | 2  | H.443                    | Bearing, lower             |
|                                       | 2  | H.441                    | Bearing, upper             |
|                                       | 2  | E.1335                   | Washer, copper             |
|                                       | 4  | H.430                    | Washer, drain filler plug  |
|                                       | 2  | H.452                    | Restrictor, oil            |
|                                       | 2  | H.453                    | Cup, oil restrictor        |
|                                       | 2  | H.454                    | Pin, restrictor cup        |
|                                       | 2  | H.391                    | Washer, dust excluder felt |
|                                       | 2  | H.420                    | Washer, outer cover felt   |
| <b>Gears, Wide Ratio (1950)</b>       |    |                          |                            |
| CP.94                                 | 1  | T.969                    | Gear, mainshaft high       |
|                                       | 1  | T.968                    | Gear, mainshaft 2nd        |
|                                       | 1  | T.971                    | Gear, layshaft high        |
|                                       | 1  | T.974                    | Gear, layshaft 2nd         |
| <b>Gears, Close Ratio (1950)</b>      |    |                          |                            |
| CP.95                                 | 1  | T.957                    | Gear, mainshaft high       |
|                                       | 1  | T.956                    | Gear, mainshaft 3rd        |
|                                       | 1  | T.955                    | Gear, mainshaft 2nd        |
|                                       | 1  | T.515C                   | Gear, mainshaft and low    |
|                                       | 1  | T.959                    | Gear, layshaft high        |
|                                       | 1  | T.964                    | Gear, layshaft 3rd         |
|                                       | 1  | T.963                    | Gear, layshaft 2nd         |
|                                       | 1  | T.961                    | Gear, layshaft low         |

SEE SPECIMEN ORDER IN PREFACE

## Part No.

## Description and Contents

**Kickstarter Ratchet Gear**

|       |   |          |                     |
|-------|---|----------|---------------------|
| CP.27 | 1 | T.730    | Pinion, kickstarter |
|       | 1 | T.731    | Ratchet, kickstart  |
|       | 1 | T.488/28 | Spring and Sleeve   |
|       | 1 | T.732    | Lockwasher          |

**Piston**

|          |   |           |                    |
|----------|---|-----------|--------------------|
| CP.29    | 1 | E.1563    | Piston             |
|          | 2 | E.656     | Ring, compression  |
|          | 1 | GE.29     | Ring, scraper      |
|          | 1 | WE.203E   | Pin, Gudgeon       |
|          | 2 | WE.479    | Circlip            |
| CP.29/10 | 1 | E.1563/10 | Piston + .010 inch |
|          | 2 | E.656/10  | Ring, compression  |
|          | 1 | GE.29/10  | Ring, scraper      |
|          | 1 | WE.203E   | Pin, gudgeon       |
|          | 2 | WE.479    | Circlip            |
| CP.29/20 | 1 | E.1563/20 | Piston + .020 inch |
|          | 2 | E.656/20  | Ring, compression  |
|          | 1 | GE.29/20  | Ring, scraper      |
|          | 1 | WE.203E   | Pin, gudgeon       |
|          | 2 | WE.479    | Circlip            |
| CP.29/30 | 1 | E.1563/30 | Piston + .030 inch |
|          | 2 | E.656/30  | Ring, compression  |
|          | 1 | GE.29/30  | Ring, scraper      |
|          | 1 | WE.203E   | Pin, gudgeon       |
|          | 2 | WE.479    | Circlip            |
| CP.29/40 | 1 | E.1563/40 | Piston + .040 inch |
|          | 2 | E.656/40  | Ring, compression  |
|          | 1 | GE.29/40  | Ring, scraper      |
|          | 1 | WE.203E   | Pin, gudgeon       |
|          | 2 | WE.479    | Circlip            |
| CP.30    | 1 | E.1908    | Piston             |
|          | 2 | E.656     | Ring, compression  |
|          | 1 | GE.29     | Ring, scraper      |
|          | 1 | WE.203E   | Pin, gudgeon       |
|          | 2 | WE.479    | Circlip            |
| CP.30/10 | 1 | E.1908/10 | Piston + .010 inch |
|          | 2 | E.656/10  | Ring, compression  |
|          | 1 | GE.29/10  | Ring, scraper      |
|          | 1 | WE.203E   | Pin, gudgeon       |
|          | 2 | WE.479    | Circlip            |
| CP.30/20 | 1 | E.1908/20 | Piston + .020 inch |
|          | 2 | E.656/20  | Ring, compression  |
|          | 1 | GE.29/20  | Ring, scraper      |
|          | 1 | WE.203E   | Pin, gudgeon       |
|          | 2 | WE.479    | Circlip            |

TREASURY NOTES MUST BE REGISTERED



| Part No. |   | Description and Contents |                    |
|----------|---|--------------------------|--------------------|
| CP.30/30 | 1 | E.1908/30                | Piston + .030 inch |
|          | 2 | E.656/30                 | Ring, compression  |
|          | 1 | GE.29/30                 | Ring, scraper      |
|          | 1 | WE.203E                  | Pin, gudgeon       |
|          | 2 | WE.479                   | Circlip            |
| CP.30/40 | 1 | E.1908/40                | Piston + .040 inch |
|          | 2 | E.656/40                 | Ring, compression  |
|          | 1 | GE.29/40                 | Ring, scraper      |
|          | 1 | WE.203E                  | Pin, gudgeon       |
|          | 2 | WE.479                   | Circlip            |
| CP.49    | 1 | E.1748                   | Piston             |
|          | 2 | E.1766                   | Ring, compression  |
|          | 1 | E.1819                   | Ring, scraper      |
|          | 1 | E.1750                   | Pin, gudgeon       |
|          | 2 | E.1767                   | Circlip            |
| CP.49/10 | 1 | E.1748/10                | Piston + .010 inch |
|          | 2 | E.1766/10                | Ring               |
|          | 1 | E.1819/10                | Ring, scraper      |
|          | 1 | E.1750                   | Pin, gudgeon       |
|          | 2 | E.1767                   | Circlip            |
| CP.49/20 | 1 | E.1748/20                | Piston + .020 inch |
|          | 2 | E.1766/20                | Ring, compression  |
|          | 1 | E.1819/20                | Ring, scraper      |
|          | 1 | E.1750                   | Pin, gudgeon       |
|          | 2 | E.1767                   | Circlip            |
| CP.49/30 | 1 | E.1748/30                | Piston + .030 inch |
|          | 2 | E.1766/30                | Ring, compression  |
|          | 1 | E.1819/30                | Ring, scraper      |
|          | 1 | E.1750                   | Pin, gudgeon       |
|          | 2 | E.1767                   | Circlip            |
| CP.49/40 | 1 | E.1748/40                | Piston + .040 inch |
|          | 2 | E.1766/40                | Ring, compression  |
|          | 1 | E.1819/40                | Ring, scraper      |
|          | 1 | E.1750                   | Pin, gudgeon       |
|          | 2 | E.1767                   | Circlip            |
| CP.43    | 1 | E.1841                   | Piston             |
|          | 2 | E.1766                   | Ring, compression  |
|          | 1 | E.1819                   | Ring, scraper      |
|          | 1 | E.1750                   | Pin, gudgeon       |
|          | 2 | E.1767                   | Circlip            |
| CP.43/10 | 1 | E.1841/10                | Piston + .010 inch |
|          | 2 | E.1766/10                | Ring, compression  |
|          | 1 | E.1819/10                | Ring, scraper      |
|          | 1 | E.1750                   | Pin, gudgeon       |
|          | 2 | E.1767                   | Circlip            |

WHEN IN DOUBT SEND SAMPLE

| Part No. |   | Description and Contents |                    |
|----------|---|--------------------------|--------------------|
| CP.43/20 | 1 | E.1841/20                | Piston + .020 inch |
|          | 2 | E.1766/20                | Ring, compression  |
|          | 1 | E.1819/20                | Ring, scraper      |
|          | 1 | E.1750                   | Pin, gudgeon       |
|          | 2 | E.1767                   | Circlip            |
| CP.43/30 | 1 | E.1841/30                | Piston + .030 inch |
|          | 2 | E.1766/5                 | Ring, compression  |
|          | 1 | E.1819/5                 | Ring, scraper      |
|          | 1 | E.1750                   | Pin, gudgeon       |
|          | 2 | E.1767                   | Circlip            |
| CP.43/40 | 1 | E.1841/40                | Piston + .040 inch |
|          | 2 | E.1766/40                | Ring, compression  |
|          | 1 | E.1819/40                | Ring, scraper      |
|          | 1 | E.1750                   | Pin, gudgeon       |
|          | 2 | E.1767                   | Circlip            |
| CP.61    | 1 | E.2460                   | Piston             |
|          | 2 | E.656                    | Ring, compression  |
|          | 1 | GE.29                    | Ring, scraper      |
|          | 1 | WE.203E                  | Pin, gudgeon       |
|          | 2 | WE.479                   | Circlip            |
| CP.61/10 | 1 | E.2460/10                | Piston + .010 inch |
|          | 2 | E.656/10                 | Ring, compression  |
|          | 1 | GE.29/10                 | Ring, scraper      |
|          | 1 | WE.203E                  | Pin, gudgeon       |
|          | 2 | WE.479                   | Circlip            |
| CP.61/20 | 1 | E.2460/20                | Piston + .020 inch |
|          | 2 | E.656/20                 | Ring, compression  |
|          | 1 | GE.29/20                 | Ring, scraper      |
|          | 1 | WE.203E                  | Pin, gudgeon       |
|          | 2 | WE.479                   | Circlip            |
| CP.61/30 | 1 | E.2460/30                | Piston + .030 inch |
|          | 2 | E.656/30                 | Ring, compression  |
|          | 1 | GE.29/30                 | Ring, scraper      |
|          | 1 | WE.203E                  | Pin, gudgeon       |
|          | 2 | WE.479                   | Circlip            |
| CP.61/40 | 1 | E.2460/40                | Piston + .040 inch |
|          | 2 | E.656/40                 | Ring, compression  |
|          | 1 | GE.29/40                 | Ring, scraper      |
|          | 1 | WE.203E                  | Pin, gudgeon       |
|          | 2 | WE.479                   | Circlip            |
| CP.98    | 1 | E.2891                   | Piston             |
|          | 2 | E.2897                   | Ring, compression  |
|          | 1 | E.2898                   | Ring, scraper      |
|          | 1 | WE.203E                  | Pin, gudgeon       |
|          | 2 | WE.479                   | Circlip            |

DO NOT FORGET TO SIGN YOUR ORDER



| <i>Part No.</i>      | <i>Description and Contents</i> |           |                    |
|----------------------|---------------------------------|-----------|--------------------|
| CP.98/10             | 1                               | E.2891/10 | Piston + .010 inch |
|                      | 2                               | E.2897/10 | Ring, compression  |
|                      | 1                               | E.2898/10 | Ring, scraper      |
|                      | 1                               | WE.203E   | Pin, gudgeon       |
|                      | 2                               | WE.479    | Circlip            |
| CP.98/20             | 1                               | E.2891/20 | Piston + .020 inch |
|                      | 2                               | E.2897/10 | Ring, compression  |
|                      | 1                               | E.2898/10 | Ring, scraper      |
|                      | 1                               | WE.203E   | Pin, gudgeon       |
|                      | 2                               | WE.479    | Circlip            |
| CP.98/30             | 1                               | E.2891/30 | Piston + .030 inch |
|                      | 2                               | E.2897/30 | Ring, compression  |
|                      | 1                               | E.2898/30 | Ring, scraper      |
|                      | 1                               | WE.203E   | Pin, gudgeon       |
|                      | 2                               | WE.479    | Circlip            |
| CP.98/40             | 1                               | E.2891/40 | Piston + .040 inch |
|                      | 2                               | E.2897/40 | Ring, compression  |
|                      | 1                               | E.2898/30 | Ring, scraper      |
|                      | 1                               | WE.203E   | Pin, gudgeon       |
|                      | 2                               | WE.479    | Circlip            |
| <b>Piston Rings.</b> |                                 |           |                    |
| CP.40                | 4                               | E.656     | Ring, compression  |
|                      | 2                               | GE.29     | Ring, scraper      |
| CP.40/10             | 4                               | E.656/10  | Ring, compression  |
|                      | 2                               | GE.29/5   | Ring, scraper      |
| CP.40/20             | 4                               | E.656/20  | Ring, compression  |
|                      | 2                               | GE.29/20  | Ring, scraper      |
| CP.40/30             | 4                               | E.656/30  | Ring, compression  |
|                      | 2                               | GE.29/30  | Ring, scraper      |
| CP.40/40             | 4                               | E.656/40  | Ring, compression  |
|                      | 2                               | GE.29/40  | Ring, scraper      |
| CP.55                | 4                               | E.1766    | Ring, compression  |
|                      | 2                               | E.1819    | Ring, scraper      |
| CP.55/10             | 4                               | E.1766/10 | Ring, compression  |
|                      | 2                               | E.1819/10 | Ring, scraper      |
| CP.55/20             | 4                               | E.1766/20 | Ring, compression  |
|                      | 2                               | E.1819/20 | Ring, scraper      |

SEE SPECIMEN ORDER IN PREFACE

| Part No. |   | Description and Contents |                   |
|----------|---|--------------------------|-------------------|
| CP.55/30 | 4 | E.1766/30                | Ring, compression |
|          | 2 | E.1819/30                | Ring, scraper     |
| CP.55/40 | 4 | E.1766/40                | Ring, compression |
|          | 2 | E.1819/40                | Ring, scraper     |
| CP.99    | 4 | E.2897                   | Ring, compression |
|          | 2 | E.2898                   | Ring, scraper     |
| CP.99/10 | 4 | E.2897/10                | Ring, compression |
|          | 2 | E.2898/10                | Ring, scraper     |
| CP.99/20 | 4 | E.2897/20                | Ring, compression |
|          | 2 | E.2898/20                | Ring, scraper.    |
| CP.99/30 | 4 | E.2897/30                | Ring, compression |
|          | 2 | E.2898/30                | Ring, scraper     |
| CP.99/40 | 4 | E.2897/40                | Ring, compression |
|          | 2 | E.2898/40                | Ring, scraper     |

#### Rear Spring Wheel Spring Set

|       |   |       |                    |
|-------|---|-------|--------------------|
| CP.67 | 1 | W.837 | Spring, inner main |
|       | 1 | W.836 | Spring, outer main |
|       | 1 | W.890 | Spring, rebound    |
|       | 1 | W.664 | Locator plate      |

#### Sidecar Connections

|       |   |        |                   |
|-------|---|--------|-------------------|
| CP.14 | 1 | F.2587 | Connection, front |
|       | 1 | F.2600 | Bolt              |
|       | 2 | F.1746 | Nut, sleeved      |
|       | 1 | F.2601 | Connection, rear  |
|       | 2 | F.1743 | Stud              |
|       | 2 | SI-5   | Nut               |
|       | 2 | KF.365 | Washer, spring    |
|       | 1 | F.1747 | Nut               |

#### Steering Races

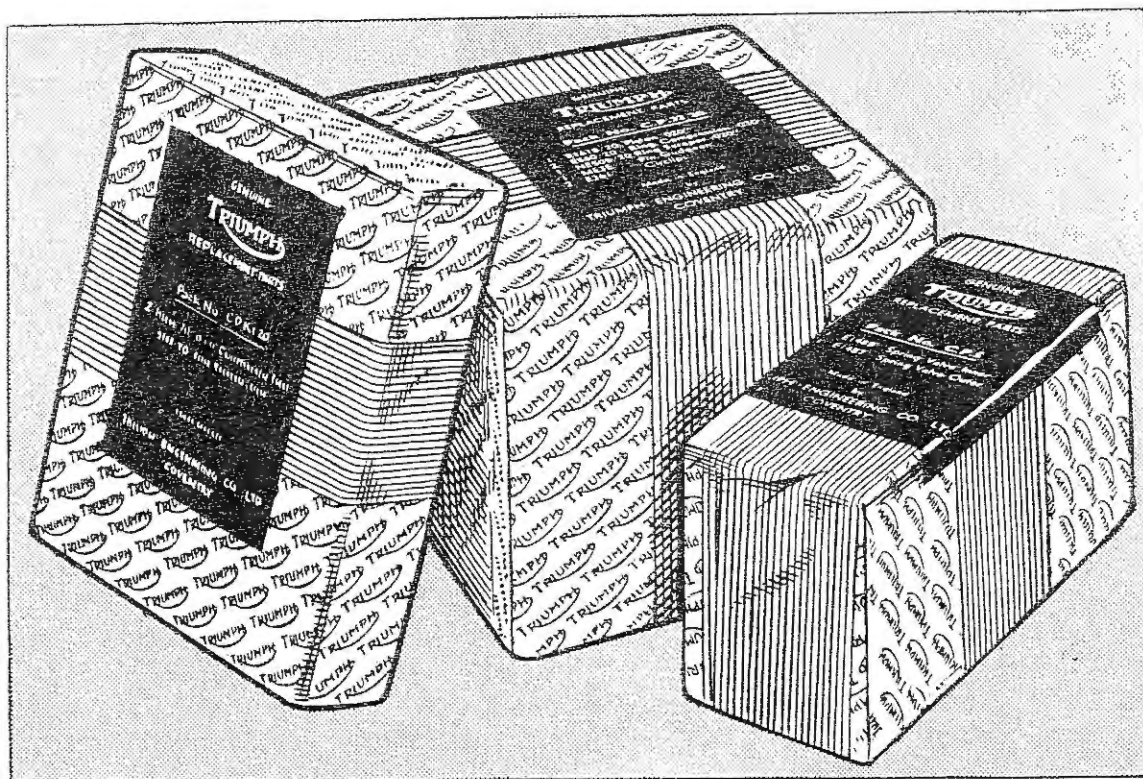
|       |    |        |      |
|-------|----|--------|------|
| CP.56 | 2  | XS.10  | Cup  |
|       | 1  | H.433  | Cone |
|       | 1  | XS.8   | Cone |
|       | 44 | S.70-4 | Ball |
| CP.57 | 1  | H.437  | Cup  |
|       | 1  | H.111  | Cup  |
|       | 1  | H.438  | Cone |
|       | 1  | H.439  | Cone |
|       | 22 | S.70-4 | Ball |
|       | 20 | S.70-3 | Ball |

ALWAYS QUOTE ENGINE NUMBER AND PREFIX



| Part No.             |   | Description and Contents |                          |
|----------------------|---|--------------------------|--------------------------|
| <b>Valves</b>        |   |                          |                          |
| CP.6                 | 2 | E.1955                   | Valve, inlet             |
|                      | 2 | E.1956                   | Valve, exhaust           |
| CP.53                | 2 | E.1751                   | Valve, inlet             |
|                      | 2 | E.1752                   | Valve, exhaust           |
| CP.96                | 2 | E.2903                   | Valve, inlet             |
|                      | 2 | E.2904                   | Valve, exhaust           |
| <b>Valve Guides</b>  |   |                          |                          |
| CP.54                | 4 | E.1759                   | Guide, inlet and exhaust |
| CP.97                | 2 | E.2899                   | Guide, inlet             |
|                      | 2 | E.2900                   | Guide, exhaust           |
| <b>Valve Springs</b> |   |                          |                          |
| CP.5                 | 4 | E.1488                   | Spring, inner            |
|                      | 4 | E.1487                   | Spring, outer            |
| CP.52                | 4 | E.1777                   | Spring, inner            |
|                      | 4 | E.1778                   | Spring, outer            |

### TRIUMPH CARTON PACKS



All parts in Triumph Carton Packs are fully preserved and can be stored indefinitely with perfect safety even under adverse conditions.

**WHEN IN DOUBT SEND SAMPLE**

# REPLACEMENT PARTS

## ENGINE GROUP

| REF. No.       | PART No. | DESCRIPTION                   | 3T | 5T | T100 | 6T |
|----------------|----------|-------------------------------|----|----|------|----|
| CYLINDER BLOCK |          |                               |    |    |      |    |
| 1              | E.2937   | Block, cylinder ...           | —  | 1  | 1    | —  |
| 2              | E2461    | " " ...                       | 1  | —  | —    | —  |
| 3              | E2895    | " " ...                       | —  | —  | —    | 1  |
| 4              | E2249    | Washer, cylinder base         | —  | 1  | 1    | —  |
| 5              | E2677    | " " "                         | 1  | —  | —    | —  |
| 6              | E2894    | " " "                         | —  | —  | —    | 1  |
| CYLINDER HEAD  |          |                               |    |    |      |    |
| 7              | E2928    | Head, cylinder c/w guides     | —  | 1  | —    | —  |
| 8              | E2929    | " " " "                       | —  | —  | 1    | —  |
| 9              | E2645    | " " " "                       | 1  | —  | —    | —  |
| 10             | E2896    | " " " "                       | —  | —  | —    | 1  |
| 11             | E2248    | Gasket, cylinder head         | —  | 1  | 1    | —  |
| 12             | E2614    | " " " "                       | 1  | —  | —    | —  |
| 13             | E2905    | " " " "                       | —  | —  | —    | 1  |
| 14             | E327     | Bolt, " " short               | —  | 4  | 4    | 4  |
| 15             | E1484    | " " " long (rear)             | —  | 2  | 2    | 2  |
| 16             | E1596    | " " " " (front)               | —  | 2  | 2    | 2  |
| 17             | E1795    | " " " " "                     | 4  | —  | —    | —  |
| 18             | E2631    | " " " short (front)           | 2  | —  | —    | —  |
| 19             | E2632    | " " " " (rear)                | 2  | —  | —    | —  |
| 20             | GS308    | Washer, cylinder head bolt    | 8  | 4  | 4    | 4  |
| 21             | E1675    | Manifold, inlet               | —  | —  | 1    | —  |
| 22             | E1456    | " " " "                       | —  | 1  | —    | —  |
| 23             | E2913    | " " " "                       | —  | —  | —    | 1  |
| 24             | E1552    | Washer, inlet manifold joint  | —  | 2  | —    | —  |
| 25             | E1676    | " " " " "                     | —  | —  | 2    | 2  |
| 26             | E1715    | Stud, inlet manifold          | —  | —  | 4    | —  |
| 27             | E1554    | " " " " "                     | —  | 4  | —    | —  |
| 28             | E2920    | " " " " "                     | —  | —  | —    | 4  |
| 29             | W103     | Nut, " " stud                 | —  | 4  | 4    | 4  |
| 30             | S25-13   | Washer, " " "                 | —  | 4  | 4    | 4  |
| 31             | E.1553   | Stud, carburettor fixing      | —  | 2  | 2    | 2  |
| 32             | E1396    | " " " " "                     | 2  | —  | —    | —  |
| 33             | SI-51    | Nut, " " stud                 | 2  | 2  | 2    | 2  |
| 34             | S25-3    | Washer, " " " "               | 2  | 2  | 2    | 2  |
| 35             | E1987    | Stud, rocker inspection cover | 2  | —  | —    | —  |
| 36             | E1912    | Nut, " " " knurled            | 2  | —  | —    | —  |

SEE SPECIMEN ORDER IN PREFACE

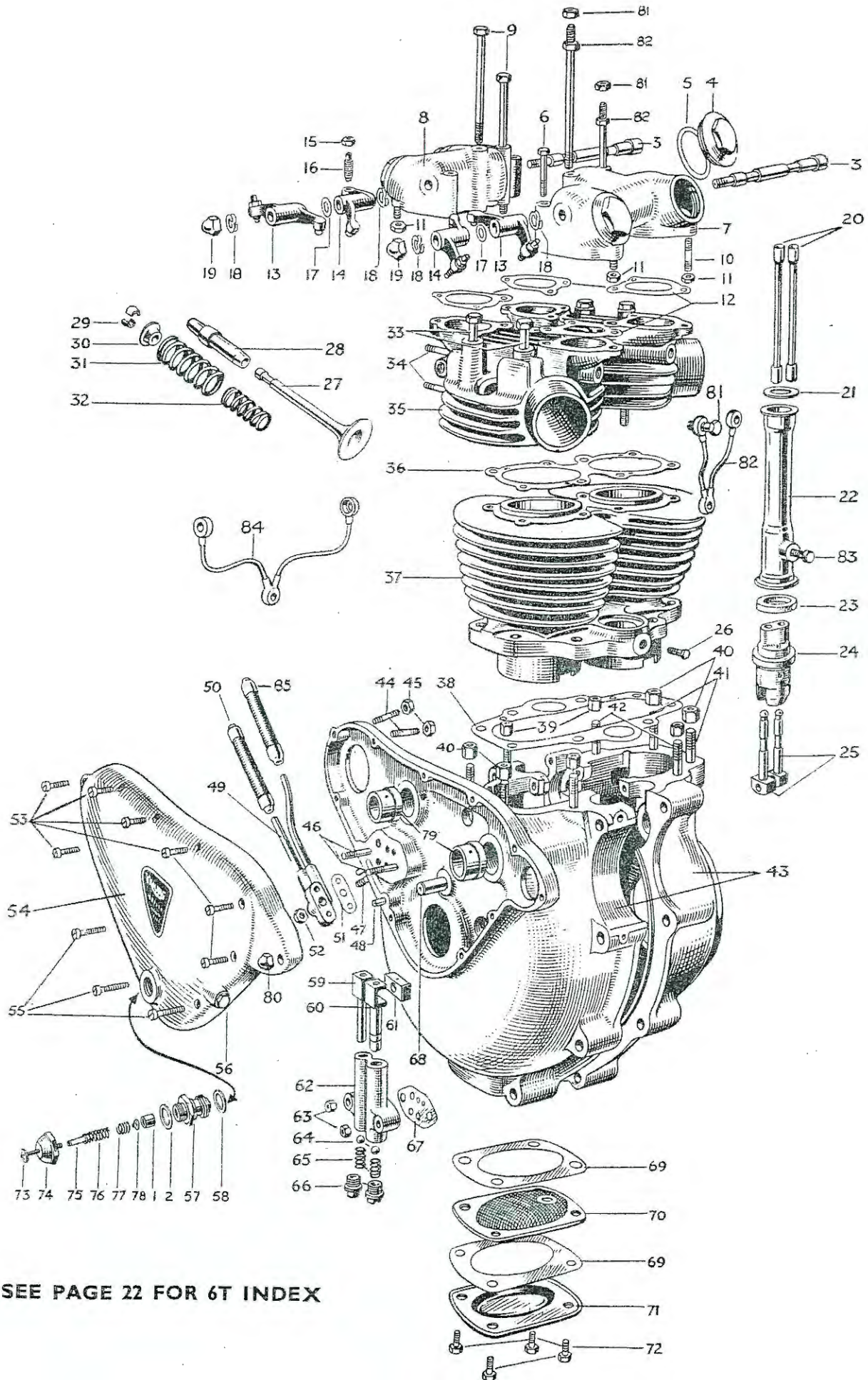


| REF. No.                 | PART No. | DESCRIPTION                      | 3T | 5T | T100 | 6T |
|--------------------------|----------|----------------------------------|----|----|------|----|
| VALVES AND VALVE SPRINGS |          |                                  |    |    |      |    |
| 1                        | E1955    | Valve, inlet ... ..              | —  | 2  | 2    | —  |
| 2                        | E1751    | „ „ ... ..                       | 2  | —  | —    | —  |
| 3                        | E2903    | „ „ ... ..                       | —  | —  | —    | 2  |
| 4                        | E1956    | „ exhaust ... ..                 | —  | 2  | 2    | —  |
| 5                        | E1752    | „ „ ... ..                       | 2  | —  | —    | —  |
| 6                        | E2904    | „ „ ... ..                       | —  | —  | —    | 2  |
| 7                        | E2899    | Guide, inlet valve ... ..        | —  | 2  | 2    | 2  |
| 8                        | E2900    | „ exhaust valve ... ..           | —  | 2  | 2    | 2  |
| 9                        | E1759    | „ inlet and exhaust valve ... .. | 4  | —  | —    | —  |
| 10                       | E1488    | Spring, valve inner ... ..       | —  | 4  | 4    | 4  |
| 11                       | E1777    | „ „ „ ... ..                     | 4  | —  | —    | —  |
| 12                       | E1487    | „ „ outer ... ..                 | —  | 4  | 4    | 4  |
| 13                       | E1778    | „ „ „ ... ..                     | 4  | —  | —    | —  |
| 14                       | E1543    | Collar, valve spring top ... ..  | —  | 4  | 4    | 4  |
| 15                       | E1757    | „ „ „ „ ... ..                   | 4  | —  | —    | —  |
| 16                       | E1544    | Cup, valve spring bottom ... ..  | —  | 4  | 4    | 4  |
| 17                       | E1758    | „ „ „ „ ... ..                   | 4  | —  | —    | —  |
| 18                       | WE259A   | Cotter, valve split ... ..       | 8  | 8  | 8    | 8  |

#### PISTONS

|    |          |   |   |   |   |   |
|----|----------|---|---|---|---|---|
| 19 | E1563    | Piston body, Standard C.R. 7 : 1 ... .. | — | 2 | — | — |
| 20 | E1563/10 | „ „ + .010" „ „ ... ..                  | — | 2 | — | — |
| 21 | E1563/20 | „ „ + .020" „ „ ... ..                  | — | 2 | — | — |
| 22 | E1563/30 | „ „ + .030" „ „ ... ..                  | — | 2 | — | — |
| 23 | E1563/40 | „ „ + .040" „ „ ... ..                  | — | 2 | — | — |
| 24 | E1908    | „ „ Standard „ 7.8 : 1 ... ..           | — | — | 2 | — |
| 25 | E1908/10 | „ „ + .010" „ „ ... ..                  | — | — | 2 | — |
| 26 | E1908/20 | „ „ + .020" „ „ ... ..                  | — | — | 2 | — |
| 27 | E1908/30 | „ „ + .030" „ „ ... ..                  | — | — | 2 | — |
| 28 | E1908/40 | „ „ + .040" „ „ ... ..                  | — | — | 2 | — |
| 29 | E2460    | „ „ Standard „ 8.25 : 1 ... ..          | — | — | 2 | — |
| 30 | E2460/10 | „ „ + .010" „ „ ... ..                  | — | — | 2 | — |
| 31 | E2460/20 | „ „ + .020" „ „ ... ..                  | — | — | 2 | — |
| 32 | E2460/30 | „ „ + .030" „ „ ... ..                  | — | — | 2 | — |
| 33 | E2460/40 | „ „ + .040" „ „ ... ..                  | — | — | 2 | — |
| 34 | E2891    | „ „ Standard „ 7 : 1 ... ..             | — | — | — | 2 |
| 35 | E2891/10 | „ „ + .010" „ „ ... ..                  | — | — | — | 2 |
| 36 | E2891/20 | „ „ + .020" „ „ ... ..                  | — | — | — | 2 |
| 37 | E2891/30 | „ „ + .030" „ „ ... ..                  | — | — | — | 2 |
| 38 | E1748    | „ „ Standard „ 6.3 : 1 ... ..           | 2 | — | — | — |
| 39 | E1748/10 | „ „ + .010" „ „ ... ..                  | 2 | — | — | — |
| 40 | E1748/20 | „ „ + .020" „ „ ... ..                  | 2 | — | — | — |
| 41 | E1748/30 | „ „ + .030" „ „ ... ..                  | 2 | — | — | — |
| 42 | E1748/40 | „ „ + .040" „ „ ... ..                  | 2 | — | — | — |

SEE PAGES 11 TO 17 FOR CARTON PACKS



SEE PAGE 22 FOR 6T INDEX

ENGINE 5T, T100 AND 6T — CRANKCASE, CYLINDER BLOCK AND CYLINDER HEAD, ETC.



**5T AND T100 MODELS**  
**INDEX TO ILLUSTRATION ON PAGE 20**

| Illust. No. | Part No.    | Page | Ref. | Illust. No. | Part No.   | Page | Ref. |
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| 1           | GS.251      | 31   | 3    | 39          | W.76       | 28   | 36   |
| 2           | GS.254      | 31   | 6    | 40          | PO.172A    | 28   | 37   |
| 3           | E.1512      | 33   | 27   | 41          | E.672      | 28   | 32   |
| 4           | E.1564      | 33   | 8    | 42          | E.1614     | 28   | 33   |
| 5           | E.1577      | 33   | 11   | 43          | E.2219/20A | 28   | 29   |
| 6           | E.1545      | 33   | 15   | 44          | E.2022     | 29   | 1    |
| 7           | E.1462      | 33   | 3    | 45          | F.1008     | 29   | 2    |
|             | E.1462T     | 33   | 4    | 46          | E.1536     | 29   | 13   |
| 8           | E.1461      | 33   | 1    | 47          | E.1539     | 29   | 4    |
|             | E.1461T     | 33   | 2    | 48          | E.1535     | 29   | 8    |
| 9           | E.1484      | 18   | 15   | 49          | E.1526     | 70   | 7    |
| 10          | E.1540      | 33   | 6    | 50          | MF.119     | 70   | 12   |
| 11          | F.879       | 33   | 7    | 51          | E.1529     | 70   | 9    |
| 12          | E.1650      | 33   | 5    | 52          | S.1-51     | 70   | 10   |
| 13          | E.1458      | 33   | 19   | 53          | E.427      | 32   | 7    |
| 14          | E.1457      | 33   | 17   | 54          | E.2218     | 31   | 12   |
| 15          | E.470       | 33   | 23   | 55          | E.1049     | 32   | 6    |
| 16          | E.1513      | 33   | 22   | 56          | E.2615     | 31   | 15   |
| 17          | E.1575      | 33   | 25   | 57          | E.2794     | 31   | 2    |
| 18          | E.1574      | 33   | 26   | 58          | E.1670     | 31   | 5    |
| 19          | E.1435      | 33   | 29   | 59          | GS.153     | 30   | 3    |
| 20          | E.1693      | 32   | 35   | 60          | E.1476     | 30   | 4    |
| 21          | E.1497      | 32   | 41   | 61          | E.495      | 30   | 5    |
| 22          | E.1505      | 32   | 37   | 62          | GS.35      | 30   | 2    |
| 23          | E.1496      | 32   | 39   | 63          | F.879      | 29   | 14   |
| 24          | E.1477      | 32   | 31   | 64          | S.70-7     | 30   | 6    |
| 25          | E.1478      | 32   | 30   | 65          | E.403      | 30   | 7    |
| 26          | H.200       | 32   | 33   | 66          | E.386      | 30   | 8    |
| 27          | E.1955 (In) | 19   | 1    | 67          | E.1537     | 30   | 9    |
|             | E.1956 (Ex) | 19   | 4    | 68          | E.375      | 32   | 22   |
| 28          | E.2899 (In) | 19   | 7    | 69          | E.487      | 29   | 18   |
|             | E.2900 (Ex) | 19   | 8    | 70          | E.529      | 29   | 16   |
| 29          | WE.259A     | 19   | 18   | 71          | E.486      | 29   | 17   |
| 30          | E.1543      | 19   | 14   | 72          | MT.63      | 29   | 19   |
| 31          | E.1487      | 19   | 12   | 73          | E.2791     | 31   | 8    |
| 32          | E.1488      | 19   | 10   | 74          | E.2790     | 31   | 4    |
| 33          | E.327       | 18   | 14   | 75          | E.2793     | 31   | 9    |
| 34          | E.1715      | 18   | 26   | 76          | E.2788     | 31   | 7    |
|             | E.1554      | 18   | 27   | 77          | E.2789     | 31   | 10   |
| 35          | E.2928      | 18   | 7    | 78          | E.2792     | 31   | 11   |
|             | E.2929      | 18   | 8    | 79          | E.1479     | 29   | 31   |
| 36          | E.2248      | 18   | 11   | 80          | E.2228     | 89   | 22   |
| 37          | E.2937      | 18   | 1    | 81          | S.1-52     | 43   | 32   |
| 38          | E.2249      | 18   | 4    | 82          | E.1596     | 18   | 16   |

FOR IDENTIFICATION OF PARTS—SEE PAGE 10

# 6T MODEL

## INDEX TO ILLUSTRATION ON PAGE 20

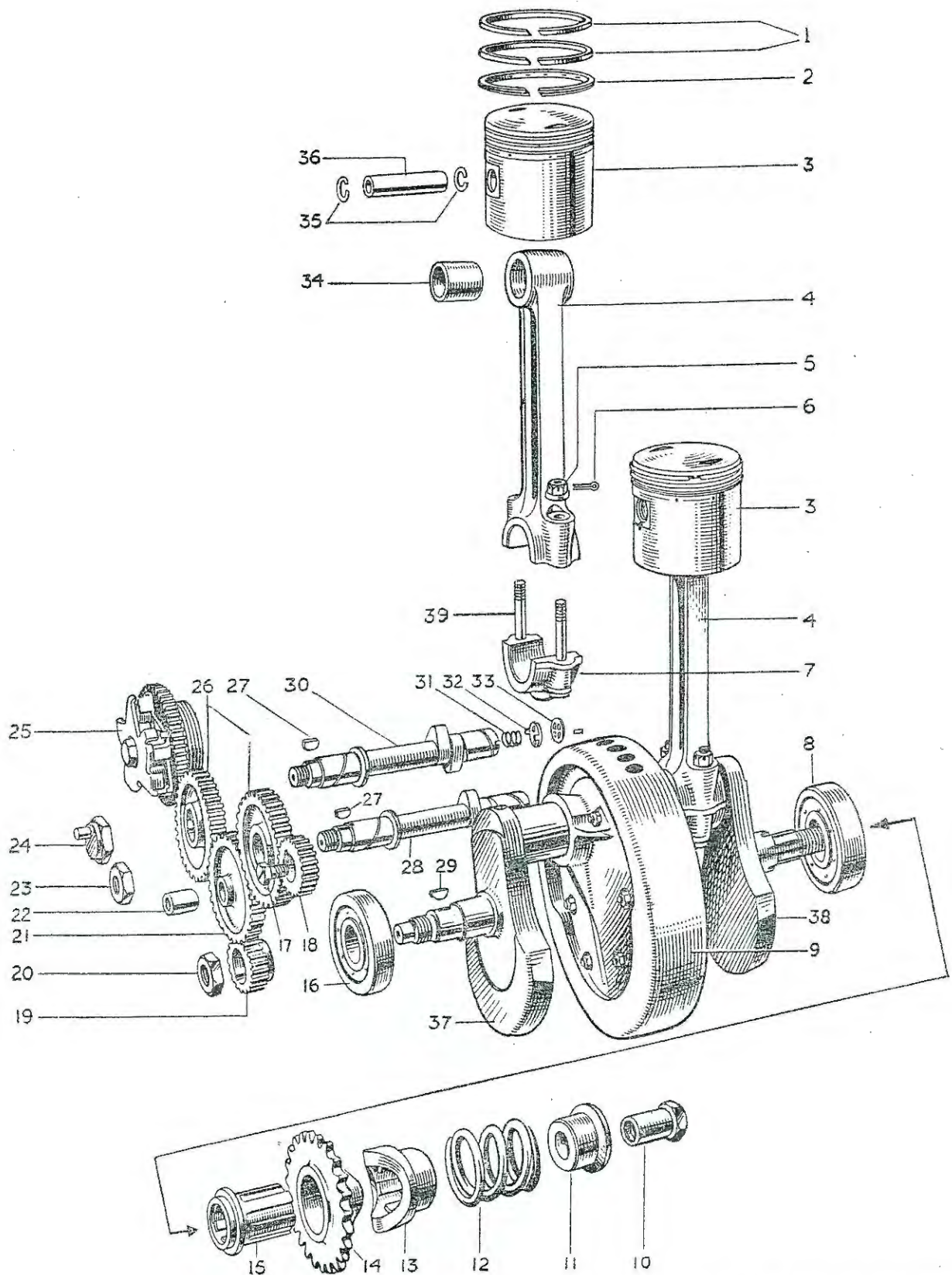
| Illust. No. | Part No.    | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
|-------------|-------------|------|------|-------------|----------|------|------|
| 1           | GS.251      | 31   | 3    | 41          | E.672    | 28   | 32   |
| 2           | GS.254      | 31   | 6    | 42          | E.1614   | 28   | 33   |
| 3           | E.1512      | 33   | 27   | 43          | E.2892/3 | 28   | 30   |
| 4           | E.1564      | 33   | 8    | 44          | E.2022   | 29   | 1    |
| 5           | E.1577      | 33   | 11   | 45          | F.1008   | 29   | 2    |
| 6           | E.1545      | 33   | 15   | 46          | E.1536   | 29   | 13   |
| 7           | E.1462      | 33   | 3    | 47          | E.1539   | 29   | 4    |
| 8           | E.1461      | 33   | 1    | 48          | E.1535   | 29   | 8    |
| 9           | E.1484      | 18   | 15   | 49          | E.1526   | 70   | 7    |
| 10          | E.1540      | 33   | 6    | 50          | MF.119   | 70   | 12   |
| 11          | F.879       | 33   | 7    | 51          | E.1529   | 70   | 9    |
| 12          | E.1650      | 33   | 5    | 52          | S.1-51   | 70   | 10   |
| 13          | E.1458      | 33   | 19   | 53          | E.427    | 32   | 7    |
| 14          | E.1457      | 33   | 17   | 54          | E.2218   | 31   | 12   |
| 15          | E.470       | 33   | 23   | 55          | E.1049   | 32   | 6    |
| 16          | E.1513      | 33   | 22   | 56          | E.2615   | 31   | 5    |
| 17          | E.1575      | 33   | 25   | 57          | E.2794   | 31   | 2    |
| 18          | E.1574      | 33   | 26   | 58          | E.1670   | 31   | 5    |
| 19          | E.1435      | 33   | 29   | 59          | GS.153   | 30   | 3    |
| 20          | E.1693      | 32   | 35   | 60          | E.1476   | 30   | 4    |
| 21          | E.1497      | 32   | 41   | 61          | E.495    | 30   | 5    |
| 22          | E.1505      | 32   | 37   | 62          | GS.35    | 30   | 2    |
| 23          | E.1496      | 32   | 39   | 63          | F.879    | 29   | 14   |
| 24          | E.1477      | 32   | 31   | 64          | S.70-7   | 30   | 6    |
| 25          | E.1478      | 32   | 30   | 65          | E.403    | 30   | 7    |
| 26          | H.200       | 32   | 33   | 66          | E.386    | 30   | 8    |
| 27          | E.2903 (In) | 19   | 3    | 67          | E.1537   | 30   | 9    |
|             | E.2904 (Ex) | 19   | 6    | 68          | E.375    | 32   | 22   |
| 28          | E.2899 (In) | 19   | 7    | 69          | E.487    | 29   | 18   |
|             | E.2900 (Ex) | 19   | 8    | 70          | E.529    | 29   | 16   |
| 29          | WE.259A     | 19   | 18   | 71          | E.486    | 29   | 17   |
| 30          | E.1543      | 19   | 14   | 72          | MT.63    | 29   | 19   |
| 31          | E.1487      | 19   | 12   | 73          | E.2791   | 31   | 8    |
| 32          | E.1488      | 19   | 10   | 74          | E.2790   | 31   | 4    |
| 33          | E.327       | 18   | 14   | 75          | E.2793   | 31   | 9    |
| 34          | E.2920      | 18   | 28   | 76          | E.2788   | 31   | 7    |
| 35          | E.2896      | 18   | 10   | 77          | E.2789   | 31   | 10   |
| 36          | E.2905      | 18   | 13   | 78          | E.2792   | 31   | 11   |
| 37          | E.2895      | 18   | 3    | 79          | E.1479   | 29   | 31   |
| 38          | E.2894      | 18   | 6    | 80          | E.2228   | 89   | 22   |
| 39          | W.76        | 28   | 36   | 81          | S.1-52   | 43   | 32   |
| 40          | PO.172A     | 28   | 37   | 82          | E.1596   | 18   | 16   |

FOR IDENTIFICATION OF PARTS—SEE PAGE 10

| REF. No. | PART No.   | DESCRIPTION                           | 3T | 5T | T100 | 6T |
|----------|------------|---------------------------------------|----|----|------|----|
| 1        | E1841      | Piston body, Standard C.R. 7 : 1 ...  | 2  | —  | —    | —  |
| 2        | E1841/10   | " " + .010" " " ...                   | 2  | —  | —    | —  |
| 3        | E1841/20 × | " " + .020" " " ...                   | 2  | —  | —    | —  |
| 4        | E1841/30   | " " + .030" " " ...                   | 2  | —  | —    | —  |
| 5        | E1841/40   | " " + .040" " " ...                   | 2  | —  | —    | —  |
| 6        | E656       | Ring, piston compression Standard ... | —  | 4  | 4    | —  |
| 7        | E656/10    | " " " + .010" ...                     | —  | 4  | 4    | —  |
| 8        | E656/20    | " " " + .020" ...                     | —  | 4  | 4    | —  |
| 9        | E656/30    | " " " + .030" ...                     | —  | 4  | 4    | —  |
| 10       | E656/40    | " " " + .040" ...                     | —  | 4  | 4    | —  |
| 11       | E2897      | " " " Standard ...                    | —  | —  | —    | 4  |
| 12       | E2897/10   | " " " + .010" ...                     | —  | —  | —    | 4  |
| 13       | E2897/20   | " " " + .020" ...                     | —  | —  | —    | 4  |
| 14       | E2897/30   | " " " + .030" ...                     | —  | —  | —    | 4  |
| 15       | E2897/40   | " " " + .040" ...                     | —  | —  | —    | 4  |
| 16       | E1766      | " " " Standard ...                    | 4  | —  | —    | —  |
| 17       | E1766/10   | " " " + .010" ...                     | 4  | —  | —    | —  |
| 18       | E1766/20   | " " " + .020" ...                     | 4  | —  | —    | —  |
| 19       | E1766/30   | " " " + .030" ...                     | 4  | —  | —    | —  |
| 20       | E1766/40   | " " " + .040" ...                     | 4  | —  | —    | —  |
| 21       | GE29       | " " scraper. Standard ...             | —  | 2  | 2    | —  |
| 22       | GE29/10    | " " " + .010" ...                     | —  | 2  | 2    | —  |
| 23       | GE29/20    | " " " + .020" ...                     | —  | 2  | 2    | —  |
| 24       | GE29/30    | " " " + .030" ...                     | —  | 2  | 2    | —  |
| 25       | GE29/40    | " " " + .040" ...                     | —  | 2  | 2    | —  |
| 26       | E2898      | " " " Standard ...                    | —  | —  | —    | 2  |
| 27       | E2898/10   | " " " + .010" ...                     | —  | —  | —    | 2  |
| 28       | E2898/20   | " " " + .020" ...                     | —  | —  | —    | 2  |
| 29       | E2898/30   | " " " + .030" ...                     | —  | —  | —    | 2  |
| 30       | E2898/40   | " " " + .040" ...                     | —  | —  | —    | 2  |
| 31       | E1819      | " " " Standard ...                    | 2  | —  | —    | —  |
| 32       | E1819/10   | " " " + .010" ...                     | 2  | —  | —    | —  |
| 33       | E1819/20   | " " " + .020" ...                     | 2  | —  | —    | —  |
| 34       | E1819/30   | " " " + .030" ...                     | 2  | —  | —    | —  |
| 35       | E1819/40   | " " " + .040" ...                     | 2  | —  | —    | —  |
| 36       | WE203E     | Pin, gudgeon ...                      | —  | 2  | 2    | 2  |
| 37       | E1750      | " " " " " " ...                       | 2  | —  | —    | —  |
| 38       | WE479      | Circlip, gudgeon pin retaining ...    | —  | 4  | 4    | 4  |
| 39       | E1767      | " " " " " " ...                       | 4  | —  | —    | —  |

SEE PAGES 11 TO 17 FOR CARTON PACKS





See references on pages 25  
and 28 for items 4, 5 and 39

**ENGINE, 5T, TI00 AND 6T—CRANKSHAFT, CONNECTING RODS, PISTONS,  
TIMING GEAR, ETC.**

# INDEXES TO ILLUSTRATION ON PAGE 24 5T AND T100 MODELS

| Illust. No. | Part No.              | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
|-------------|-----------------------|------|------|-------------|----------|------|------|
| 1           | E.656                 | 23   | 6    | 19          | E.1472   | 32   | 9    |
| 2           | GE.29                 | 23   | 21   | 20          | E.398    | 32   | 12   |
| 3           | E.1563                | 19   | 19   | 21          | E.1471   | 32   | 19   |
|             | E.1908                | 19   | 24   | 22          | E.400    | 32   | 21   |
| *4          | E.2932                | 28   | 21   | 23          | E.1492   | 32   | 17   |
|             | E.2932T               | 28   | 22   | 24          | E.1463   | 32   | 18   |
| *5          | E.2922                | 28   | 28   | 25          | E.1992   | 32   | 23   |
| *6          | 1/16" Split Pin       |      |      |             | 47502A   | 32   | 24   |
| 7           | Sold with E.2932 only |      |      | 26          | E.1486   | 32   | 15   |
| 8           | E.1591                | 29   | 26   | 27          | E.1558   | 32   | 16   |
| 9           | E.2916                | 28   | 5    | 28          | E.2302   | 32   | 13   |
|             | E.2916T               | 28   | 6    | 29          | E.1580   | 32   | 11   |
| 10          | E.509                 | 34   | 11   | 30          | E.2302   | 32   | 13   |
| 11          | E.396                 | 34   | 10   | 31          | E.2256   | 32   | 28   |
| 12          | E.2912                | 34   | 8    | 32          | E.2254   | 32   | 26   |
| 13          | E.1681                | 34   | 6    | 33          | GS.87    | 32   | 27   |
| 14          | E.2826F               | 33   | 41   | 34          | E.1511   | 28   | 25   |
|             | E.2826C               | 33   | 43   | 35          | WE.479   | 23   | 38   |
| 15          | E.1521                | 34   | 7    | 36          | WE.203E  | 23   | 36   |
| 16          | E.2877                | 29   | 24   | 37          | E.2915   | 28   | 9    |
| 17          | 111700                | 89   | 20   | 38          | E.2914   | 28   | 12   |
| 18          | E.2451                | 32   | 25   | *39         | E.2490A  | 28   | 27   |

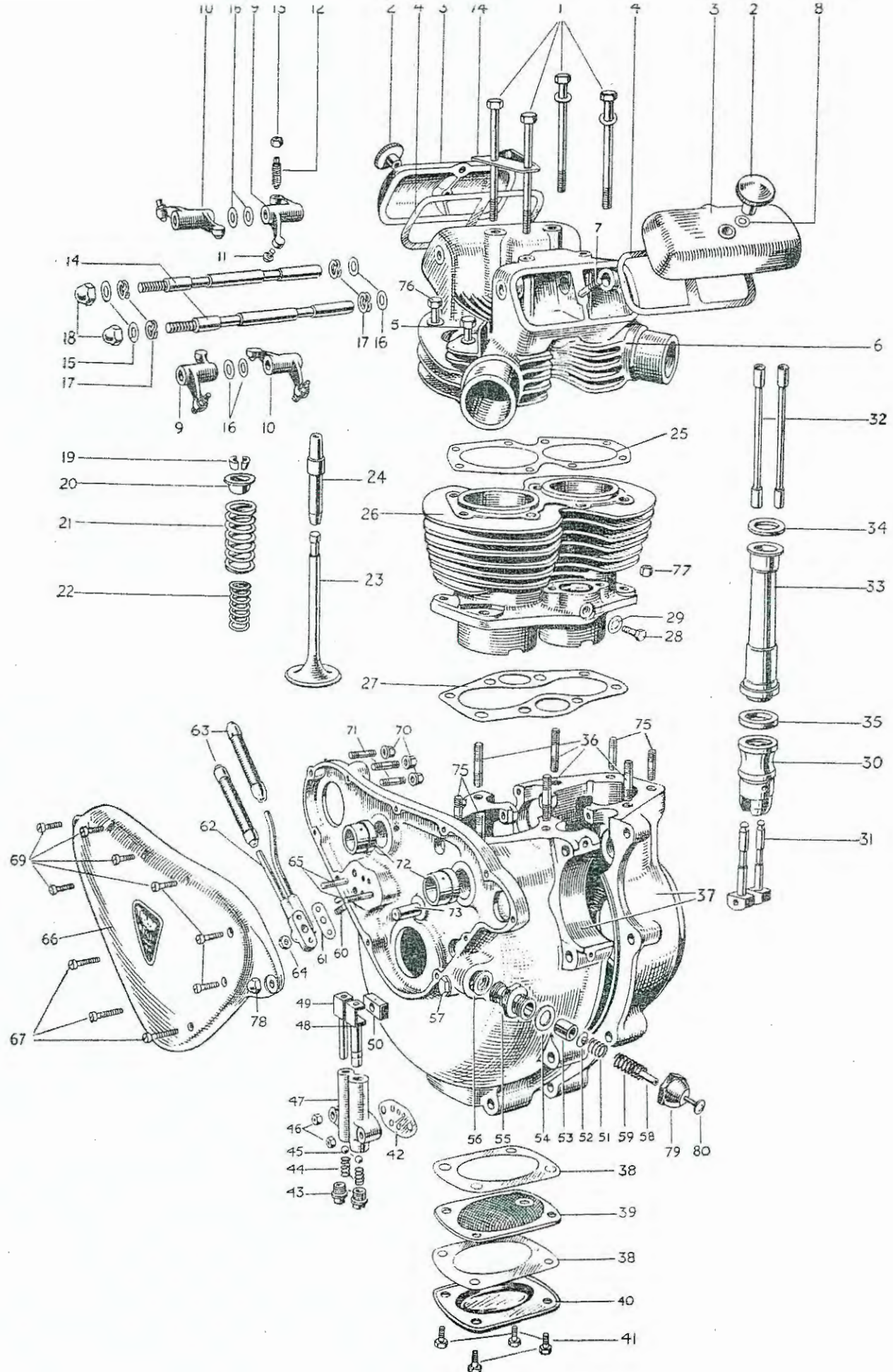
\*These are the latest pattern connecting rods fitted with inverted bolts and Simmonds nuts.  
For replacement bolts and nuts of the early pattern shown in the illustration, see page 28.

## 6T. MODEL

| Illust. No. | Part No.              | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
|-------------|-----------------------|------|------|-------------|----------|------|------|
| 1           | E.2897                | 23   | 11   | 21          | E.1471   | 32   | 19   |
| 2           | E.2898                | 23   | 26   | 22          | E.400    | 32   | 21   |
| 3           | E.2891                | 19   | 34   | 23          | E.1492   | 32   | 17   |
| 4           | E.2921                | 28   | 23   | 24          | E.1463   | 32   | 18   |
| 5           | E.2922                | 28   | 28   | 25          | E.1992   | 32   | 23   |
| 7           | Sold with E.2921 only |      |      |             | 475,02A  | 32   | 24   |
| 8           | E.1591                | 29   | 26   | 26          | E.1486   | 32   | 15   |
| 9           | E.2908                | 28   | 7    | 27          | E.1558   | 32   | 16   |
| 10          | E.509                 | 34   | 11   | 28          | E.2302   | 32   | 13   |
| 11          | E.396                 | 34   | 10   | 29          | E.1580   | 32   | 11   |
| 12          | E.2912                | 34   | 8    | 30          | E.2302   | 32   | 13   |
| 13          | E.1681                | 34   | 6    | 31          | E.2256   | 32   | 28   |
| 14          | E.2826D               | 33   | 44   | 32          | E.2254   | 32   | 26   |
|             | E.2826A               | 33   | 45   | 33          | GS.87    | 32   | 27   |
| 15          | E.1521                | 34   | 7    | 34          | E.1511   | 28   | 25   |
| 16          | E.2877                | 29   | 24   | 35          | WE.479   | 23   | 38   |
| 17          | 111700                | 89   | 20   | 36          | WE.203E  | 23   | 36   |
| 18          | E.2451                | 32   | 25   | 37          | E.2902   | 28   | 10   |
| 19          | E.1472                | 32   | 9    | 38          | E.2901   | 28   | 13   |
| 20          | E.398                 | 32   | 12   | 39          | E.2490A  | 28   | 27   |

SEE PAGES 11 TO 17 FOR CARTON PACKS





**ENGINE 3T—CRANKCASE, CYLINDER BLOCK AND CYLINDER HEAD, ETC.**



# INDEX TO ILLUSTRATION ON PAGE 26

| Illust. No. | Part No.    | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
|-------------|-------------|------|------|-------------|----------|------|------|
| 1           | F.1795      | 18   | 17   | 40          | E.486    | 29   | 17   |
| 2           | E.1912      | 33   | 13   | 41          | MT.63    | 29   | 19   |
| 3           | E.1779      | 33   | 9    | 42          | E.1537   | 30   | 9    |
| 4           | E.1780      | 33   | 12   | 43          | E.386    | 30   | 8    |
| 5           | E.2631      | 18   | 18   | 44          | E.403    | 30   | 7    |
| 6           | E.2645      | 18   | 9    | 45          | S.70-7   | 30   | 6    |
| 7           | E.1987      | 18   | 35   | 46          | F.879    | 29   | 14   |
| 8           | PT.104B     | 33   | 14   | 47          | GS.35    | 30   | 2    |
| 9           | E.1755      | 33   | 18   | 48          | E.1476   | 30   | 4    |
| 10          | E.1756      | 33   | 20   | 49          | GS.153   | 30   | 3    |
| 11          | E.1483      | 33   | 21   | 50          | E.495    | 30   | 5    |
| 12          | E.1513      | 33   | 22   | 51          | E.2789   | 31   | 10   |
| 13          | E.470       | 33   | 23   | 52          | E.2792   | 31   | 11   |
| 14          | E.1813      | 33   | 28   | 53          | GS.251   | 31   | 3    |
| 15          | E.1330      | 33   | 24   | 54          | GS.254   | 31   | 6    |
| 16          | E.1575      | 33   | 25   | 55          | E.2794   | 31   | 2    |
| 17          | E.1574      | 33   | 26   | 56          | E.1670   | 31   | 5    |
| 18          | E.1435      | 33   | 29   | 57          | E.2615   | 31   | 15   |
| 19          | WE.259A     | 19   | 18   | 58          | E.2793   | 31   | 9    |
| 20          | E.1757      | 19   | 15   | 59          | E.2788   | 31   | 7    |
| 21          | E.1778      | 19   | 13   | 60          | E.1539   | 29   | 4    |
| 22          | E.1777      | 19   | 11   | 61          | E.1529   | 70   | 9    |
| 23          | E.1751 (In) | 19   | 2    | 62          | E.2457   | 70   | 8    |
|             | E.1752 (Ex) | 19   | 5    | 63          | MF.119   | 70   | 12   |
| 24          | E.1759      | 19   | 9    | 64          | S.1-51   | 70   | 10   |
| 25          | E.2614      | 18   | 12   | 65          | E.1536   | 29   | 13   |
| 26          | E.2461      | 18   | 2    | 66          | E.2252   | 31   | 13   |
| 27          | E.2677      | 18   | 5    | 67          | E.1049   | 32   | 6    |
| 28          | H.200       | 32   | 33   | 69          | E.427    | 32   | 7    |
| 29          | E.2312      | 32   | 34   | 70          | F.1008   | 29   | 2    |
| 30          | E.1837      | 32   | 32   | 71          | E.2022   | 29   | 1    |
| 31          | E.1478      | 32   | 30   | 72          | E.1479   | 29   | 31   |
| 32          | E.1785      | 32   | 36   | 73          | E.375    | 32   | 22   |
| 33          | E.1838      | 32   | 38   | 74          | F.2380   | 43   | 23   |
| 34          | E.1497      | 32   | 41   | 75          | E.2463   | 28   | 35   |
| 35          | E.2425      | 32   | 40   | 76          | E.2632   | 18   | 19   |
| 36          | E.2462      | 28   | 34   | 77          | W.76     | 28   | 36   |
| 37          | E.2250/51A  | 28   | 31   | 78          | E.2228   | 89   | 22   |
| 38          | E.487       | 29   | 18   | 79          | E.2790   | 31   | 4    |
| 39          | E.529       | 29   | 16   | 80          | E.2791   | 31   | 8    |

### CRANKSHAFT AND FLYWHEEL ASSEMBLY

|    |        |   |     |     |     |   |   |   |
|----|--------|---|-----|-----|-----|---|---|---|
| 1  | E2917  | Crankshaft and flywheel assembly          | ... | ... | —   | 1 | — | — |
| 2  | E2917T | " " " "                                   | ... | ... | —   | — | 1 | — |
| 3  | E2911  | " " " "                                   | ... | ... | —   | — | — | 1 |
| 4  | E2200A | Crankshaft and flywheel assembly c/w con- |     |     |     |   |   |   |
|    |        | rods                                      | ... | ... | ... | 1 | — | — |
| 5  | E2916  | Flywheel                                  | ... | ... | ... | — | 1 | — |
| 6  | E2916T | "   | ... | ... | ... | — | — | 1 |
| 7  | E2908  | "   | ... | ... | ... | — | — | 1 |
| 8  | E1745  | "   | ... | ... | ... | 1 | — | — |
| 9  | E2915  | Crankshaft, timing side                   | ... | ... | ... | — | 1 | 1 |
| 10 | E2902  | " " "                                     | ... | ... | ... | — | — | — |
| 11 | E1747  | " " "                                     | ... | ... | ... | 1 | — | — |
| 12 | E2914  | " driving "                               | ... | ... | ... | — | 1 | 1 |
| 13 | E2901  | " " "                                     | ... | ... | ... | — | — | — |
| 14 | E2200  | " " "                                     | ... | ... | ... | 1 | — | — |
| 15 | E1790  | Tube, crankshaft connecting               | ... | ... | ... | 1 | — | — |
| 16 | E393   | Plug, "                                   | ... | ... | ... | — | 1 | 1 |
| 17 | E1562  | Bolt, " to flywheel                       | ... | ... | ... | — | 6 | 6 |
| 18 | E1760  | " " " "                                   | ... | ... | ... | 2 | — | — |
| 19 | W103   | Nut, " " bolt                             | ... | ... | ... | — | 6 | 6 |
| 20 | E1797  | " " " "                                   | ... | ... | ... | 2 | — | — |

### CONNECTING RODS

|    |          |                       |     |     |     |   |   |   |   |
|----|----------|-----------------------|-----|-----|-----|---|---|---|---|
| 21 | † E2932  | Rod, connecting       | ... | ... | ... | — | 2 | — | — |
| 22 | † E2932T | " "                   | ... | ... | ... | — | — | 2 | — |
| 23 | E2921    | " "                   | ... | ... | ... | — | — | — | 2 |
| 24 | E1749    | " "                   | ... | ... | ... | 2 | — | — | — |
| 25 | E1511    | Bush, " rod small end | ... | ... | ... | — | 2 | 2 | 2 |
| 26 | E1762    | " " " "               | ... | ... | ... | 2 | — | — | — |
| 27 | * E2490A | Bolt, " " cap         | ... | ... | ... | — | 2 | 2 | 2 |
| 28 | * E2922  | Nut, " " bolt         | ... | ... | ... | — | 2 | 2 | 2 |

†These are the latest pattern. If replacements are required for engines prior to No. 7131N, as illustrated on page 24, latest pattern should be ordered, in pairs only.

\*For early pattern use E2448 bolt and E1530 nut on 5T and T100.

### CRANKCASE

|    |           |                                       |     |     |     |   |   |   |   |
|----|-----------|---------------------------------------|-----|-----|-----|---|---|---|---|
| 29 | E2219/20A | Crankcase assembly less main bearings | ... | ... | ... | — | 1 | 1 | — |
| 30 | E2892/3   | " " " "                               | ... | ... | ... | — | — | — | 1 |
| 31 | E2250/51A | " " " "                               | ... | ... | ... | 1 | — | — | — |
| 32 | E672      | Stud, crankcase cylinder base         | ... | ... | ... | — | 6 | 6 | 6 |
| 33 | E1614     | " " " dowel                           | ... | ... | ... | — | 2 | 2 | 2 |
| 34 | E2462     | " " " long                            | ... | ... | ... | 4 | — | — | — |
| 35 | E2463     | " " " short                           | ... | ... | ... | 4 | — | — | — |
| 36 | W76       | Nut, " " stud                         | ... | ... | ... | 8 | 4 | 4 | 4 |
| 37 | PO172A    | " " " "                               | ... | ... | ... | — | 4 | 4 | 4 |
| 38 | E1534A    | Dowel, " " for E1614                  | ... | ... | ... | — | 2 | 2 | 2 |
| 39 | E1579     | " " halves                            | ... | ... | ... | 1 | 1 | 1 | 1 |

**CRANKCASE HALVES CANNOT BE SUPPLIED SEPARATELY**

| REF No. | PART No. | DESCRIPTION                         | 3T | 5T | T100 | 6T |
|---------|----------|-------------------------------------|----|----|------|----|
| 1       | E2022    | Stud, magneto to crankcase ...      | 3  | 3  | 3    | 3  |
| 2       | F1008    | Nut, " " " stud ...                 | 3  | 3  | 3    | 3  |
| 3       | S25-3    | Washer, " " " " ...                 | 3  | 3  | 3    | 3  |
| 4       | E1539    | Stud, oil junction block ...        | 1  | 1  | 1    | 1  |
| 5       | SI-51    | Nut, " " " " ...                    | 1  | 1  | 1    | 1  |
| 6       | S25-3    | Washer, oil junction block stud ... | 1  | 1  | 1    | 1  |
| 7       | E1532    | Dowel " " " " ...                   | 1  | 1  | 1    | 1  |
| 8       | E1535    | " crankcase to timing cover ...     | 1  | 1  | 1    | 1  |
| 9       | E1508    | Pipe, crankcase oil return ...      | —  | 1  | 1    | 1  |
| 10      | E1770    | " " " " " ...                       | 1  | —  | —    | —  |
| 11      | E1509    | Clip, " " " " pipe ...              | 1  | 1  | 1    | 1  |
| 12      | E1645    | Screw, " " " " " ...                | 1  | 1  | 1    | 1  |
| 13      | E1536    | Stud, oil pump fixing ...           | 2  | 2  | 2    | 2  |
| 14      | F879     | Nut, " " " " stud ...               | 2  | 2  | 2    | 2  |
| 15      | E2312    | Washer, oil pump fixing stud ...    | 2  | 2  | 2    | 2  |
| 16      | E529     | Filter, crankcase oil ...           | 1  | 1  | 1    | 1  |
| 17      | E486     | Cover, " " " filter ...             | 1  | 1  | 1    | 1  |
| 18      | E487     | Washer, " " " " joint ...           | 2  | 2  | 2    | 2  |
| 19      | MT63     | Screw, " " " " " ...                | 4  | 4  | 4    | 4  |
| 20      | S26-2    | Washer, " " " " spring ...          | 4  | 4  | 4    | 4  |
| 21      | E2615    | Plug, crankcase oil ...             | 1  | —  | —    | —  |
| 22      | E1335    | Washer, " " " plug ...              | 1  | —  | —    | —  |
| 23      | E2311    | Pin, breather locating ...          | 1  | 1  | 1    | 1  |

### CRANKCASE BEARINGS

|    |       |   |   |   |   |   |
|----|-------|---|---|---|---|---|
| 24 | E2877 | Bearing, crankcase timing side (roller) ... | — | 1 | 1 | 1 |
| 25 | E1769 | " " " " (plain) ...                         | 1 | — | — | — |
| 26 | E1591 | " " driving " (ball) ...                    | — | 1 | 1 | 1 |
| 27 | E1592 | " " " " " " ...                             | 1 | — | — | — |
| 28 | E2883 | Chip shield, timing side bearing ...        | — | 1 | 1 | 1 |
| 29 | E2296 | Disc, timing side bearing ...               | — | 1 | 1 | 1 |
| 30 | E489  | Ring, " " " " retaining ...                 | — | 1 | 1 | 1 |
| 31 | E1479 | Bush, " " " camshaft ...                    | 2 | 2 | 2 | 2 |
| 32 | E1516 | " driving " " " ...                         | 1 | 1 | 1 | 1 |
| 33 | E2260 | " " " " (breather) ...                      | 1 | 1 | 1 | 1 |

### CRANKCASE STUDS AND BOLTS

|    |       |                              |   |   |   |   |
|----|-------|------------------------------|---|---|---|---|
| 34 | E1555 | Bolt, crankcase top rear ... | 1 | 1 | 1 | 1 |
| 35 | S25-3 | Washer, " " " bolt ...       | 1 | 1 | 1 | 1 |
| 36 | E925  | Stud, " " bottom front ...   | 1 | — | — | — |
| 37 | T456  | " " " " " " ...              | — | 1 | 1 | 1 |
| 38 | SI-51 | Nut, " " " " stud ...        | 2 | 2 | 2 | 2 |
| 39 | S25-3 | Washer " " " " " ...         | 2 | 2 | 2 | 2 |
| 40 | E1647 | Screw, " " inside boss ...   | 2 | 2 | 2 | 2 |

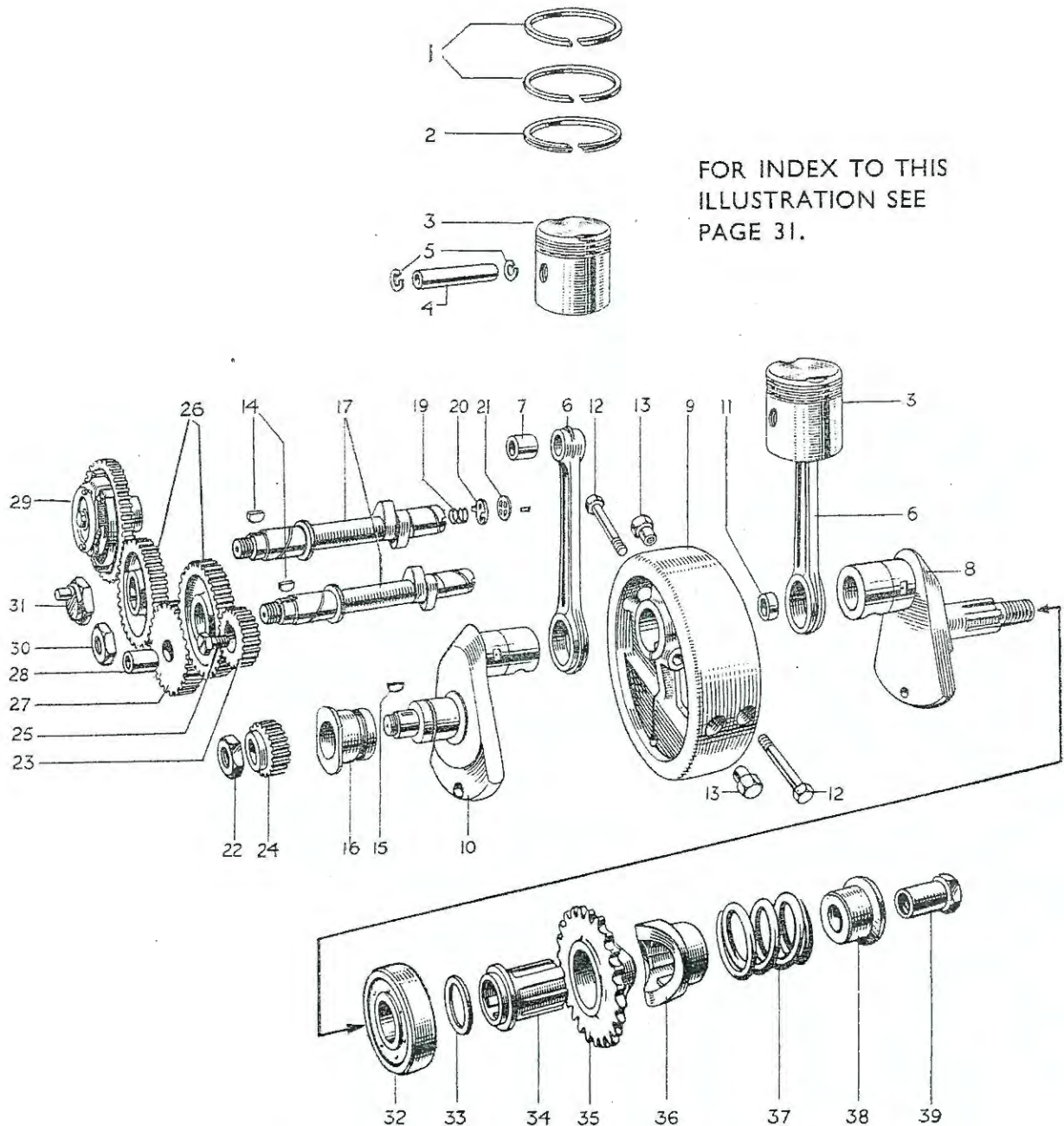
For engine plate studs see pages 47 and 43

**WHEN IN DOUBT SEND SAMPLE**



# OIL PUMP

|   |       |                        |     |     |     |   |   |   |   |
|---|-------|------------------------|-----|-----|-----|---|---|---|---|
| 1 | GS326 | Pump assembly, oil     | ... | ... | ... | 1 | 1 | 1 | 1 |
| 2 | GS35  | Body, oil pump         | ... | ... | ... | 1 | 1 | 1 | 1 |
| 3 | GS153 | Plunger, oil pump feed | ... | ... | ... | 1 | 1 | 1 | 1 |
| 4 | E1476 | " " " scavenge         | ... | ... | ... | 1 | 1 | 1 | 1 |
| 5 | E495  | Block, " " slider      | ... | ... | ... | 1 | 1 | 1 | 1 |
| 6 | S70-7 | Ball, " " "            | ... | ... | ... | 2 | 2 | 2 | 2 |
| 7 | E403  | Spring, oil pump valve | ... | ... | ... | 2 | 2 | 2 | 2 |
| 8 | E386  | Plug, " " "            | ... | ... | ... | 2 | 2 | 2 | 2 |
| 9 | E1537 | Washer, " " joint      | ... | ... | ... | 1 | 1 | 1 | 1 |



ENGINE 3T—CRANKSHAFT, CONNECTING RODS, PISTONS, TIMING GEARS, ETC.

### RELEASE VALVE

|    |       |                                  |     |     |  |  |  |  |
|----|-------|----------------------------------|-----|-----|--|--|--|--|
| 1  | E2795 | Valve, release and oil indicator | ... | ... |  |  |  |  |
| 2  | E2794 | Body, " valve                    | ... | ... |  |  |  |  |
| 3  | GS251 | Piston, " "                      | ... | ... |  |  |  |  |
| 4  | E2790 | Cap, " "                         | ... | ... |  |  |  |  |
| 5  | E1670 | Washer, " " body                 | ... | ... |  |  |  |  |
| 6  | GS254 | Washer, " " cap                  | ... | ... |  |  |  |  |
| 7  | E2788 | Spring, " " "                    | ... | ... |  |  |  |  |
| 8  | E2791 | Shaft, indicator button          | ... | ... |  |  |  |  |
| 9  | E2793 | Tube, " rubber                   | ... | ... |  |  |  |  |
| 10 | E2789 | Spring, " auxiliary              | ... | ... |  |  |  |  |
| 11 | E2792 | Nut, " shaft                     | ... | ... |  |  |  |  |

### TIMING COVER

|    |       |                                  |     |     |   |   |   |   |
|----|-------|----------------------------------|-----|-----|---|---|---|---|
| 12 | E2218 | Cover, timing gear (state model) | ... | ... | — |   |   |   |
| 13 | E2252 | " " " "                          | ... | ... |   | — | — | — |
| 14 | E378  | Bush, " " cover                  | ... | ... | — |   |   |   |
| 15 | E2615 | Plug, " " "                      | ... | ... | — |   |   |   |
| 16 | E1335 | Washer, " " " plug               | ... | ... | — |   |   |   |

### INDEX TO ILLUSTRATION ON PAGE 30

| Illust. No. | Part No. | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
|-------------|----------|------|------|-------------|----------|------|------|
| 1           | E.1766   | 23   | 16   | 21          | GS.87    | 32   | 27   |
| 2           | E.1819   | 23   | 31   | 22          | E.398    | 32   | 12   |
| 3           | E.1748   | 19   | 38   | 23          | E.2451   | 32   | 25   |
|             | E.1841   | 23   | 1    | 24          | E.1771   | 32   | 10   |
| 4           | E.1750   | 23   | 37   | 25          | 111700   | 89   | 20   |
| 5           | E.1767   | 23   | 39   | 26          | E.1486   | 32   | 15   |
| 6           | E.1749   | 28   | 24   | 27          | E.2202   | 32   | 20   |
| 7           | E.1762   | 28   | 26   | 28          | E.400    | 32   | 21   |
| 8           | E.2200   | 28   | 14   | 29          | 47502A   | 32   | 24   |
| 9           | E.1745   | 28   | 8    |             | E.1992   | 32   | 23   |
| 10          | E.1747   | 28   | 11   | 30          | E.1492   | 32   | 17   |
| 11          | E.1790   | 28   | 15   | 31          | E.1463   | 32   | 18   |
| 12          | E.1760   | 28   | 18   | 32          | E.1592   | 29   | 27   |
| 12          | E.1797   | 28   | 20   | 33          | E.1732   | 34   | 12   |
| 14          | E.1558   | 32   | 16   | 34          | E.1521   | 34   | 7    |
| 15          | E.1580   | 32   | 11   | 35          | E.2826F  | 33   | 42   |
| 16          | E.1769   | 29   | 25   | 36          | E.1681   | 34   | 6    |
| 17          | E.2266   | 32   | 14   | 37          | E.659    | 34   | 9    |
| 19          | E.2256   | 32   | 28   | 38          | E.396    | 34   | 10   |
| 20          | E.2254   | 32   | 26   | 39          | E.509    | 34   | 11   |

FOR IDENTIFICATION OF PARTS SEE PAGE 10

| REF No. | PART No. | DESCRIPTION                       | 3T | 5T | T100 | 6T |
|---------|----------|-----------------------------------|----|----|------|----|
| 1       | E1595    | Patent plate ... ..               | —  | 1  | —    | —  |
| 2       | E1678    | " " ... ..                        | —  | —  | 1    | —  |
| 3       | E1891    | " " ... ..                        | 1  | —  | —    | —  |
| 4       | E2909    | " " ... ..                        | —  | —  | —    | 1  |
| 5       | D208-5   | Screw, hammer driver ... ..       | 3  | 3  | 3    | 3  |
| 6       | E1049    | " timing gear cover (long) ... .. | 2  | 3  | 3    | 3  |
| 7       | E427     | " " " " (medium) ... ..           | 2  | 7  | 7    | 7  |
| 8       | E452     | " " " " (short) ... ..            | 6  | —  | —    | —  |

#### TIMING GEAR

|    |        |  |   |   |   |   |
|----|--------|--|---|---|---|---|
| 9  | E1472  | Pinion, timing ... ..                          | — | 1 | 1 | 1 |
| 10 | E1771  | " " ... ..                                     | 1 | — | — | — |
| 11 | E1580  | Key, timing pinion ... ..                      | 1 | 1 | 1 | 1 |
| 12 | E398   | Nut, " " ... ..                                | 1 | 1 | 1 | 1 |
| 13 | E2302  | Camshaft, inlet or exhaust ... ..              | — | 2 | 2 | 2 |
| 14 | E2266  | " " " " ... ..                                 | 2 | — | — | — |
| 15 | E1486  | Wheel, " " " camshaft ... ..                   | 2 | 2 | 2 | 2 |
| 16 | E1558  | Key, camshaft wheel ... ..                     | 2 | 2 | 2 | 2 |
| 17 | E1492  | Nut, " " exhaust ... ..                        | 1 | 1 | 1 | 1 |
| 18 | E1463  | " " " inlet ... ..                             | 1 | 1 | 1 | 1 |
| 19 | E1471  | Wheel, intermediate gear ... ..                | — | 1 | 1 | 1 |
| 20 | E2202  | " " " " ... ..                                 | 1 | — | — | — |
| 21 | E400   | Bush, " " wheel ... ..                         | 1 | 1 | 1 | 1 |
| 22 | E375   | Spindle, " " " " ... ..                        | 1 | 1 | 1 | 1 |
| 23 | E1992  | Gear, magneto c/w auto advance (B.T.H.) ... .. | 1 | 1 | 1 | 1 |
| 24 | 47502A | " " " " " (Lucas) ... ..                       | 1 | 1 | 1 | 1 |
| 25 | E2451  | Pinion, dynamo ... ..                          | 1 | 1 | 1 | 1 |

#### CRANKCASE BREATHER

|    |       |                                |   |   |   |   |
|----|-------|--------------------------------|---|---|---|---|
| 26 | E2254 | Valve, crankcase rotary ... .. | 1 | 1 | 1 | 1 |
| 27 | GS87  | Disc, " " valve ... ..         | 1 | 1 | 1 | 1 |
| 28 | E2256 | Spring, " " " " ... ..         | 1 | 1 | 1 | 1 |
| 29 | E2724 | Pipe, " breather ... ..        | 1 | 1 | 1 | 1 |

#### TAPPET AND TAPPET BLOCK

|    |       |                                 |   |   |   |   |
|----|-------|---------------------------------|---|---|---|---|
| 30 | E1478 | Tappet ... ..                   | 4 | 4 | 4 | 4 |
| 31 | E1477 | Block, tappet ... ..            | — | 2 | 2 | 2 |
| 32 | E1837 | " " ... ..                      | 2 | — | — | — |
| 33 | H200  | Lock screw, tappet block ... .. | 2 | 2 | 2 | 2 |
| 34 | E2312 | Washer, tappet block ... ..     | 2 | 2 | 2 | 2 |

#### PUSH ROD

|    |       |                  |   |   |   |   |
|----|-------|------------------|---|---|---|---|
| 35 | E1693 | Rod, push ... .. | — | 4 | 4 | 4 |
| 36 | E1785 | " " ... ..       | 4 | — | — | — |

#### PUSH ROD COVER TUBE

|    |       |  |   |   |   |   |
|----|-------|--|---|---|---|---|
| 37 | E1505 | Tube, push rod cover ... ..              | — | 2 | 2 | 2 |
| 38 | E1838 | " " " " " " ... ..                       | 2 | — | — | — |
| 39 | E1496 | Washer, push rod cover lower seal ... .. | — | 2 | 2 | 2 |
| 40 | E2425 | " " " " " " " " ... ..                   | 2 | — | — | — |
| 41 | E1497 | " " " " " upper " " ... ..               | 2 | 2 | 2 | 2 |

ALWAYS QUOTE PART NUMBERS



### OVERHEAD ROCKER GEAR

|    |        |   |     |   |   |   |
|----|--------|---|-----|---|---|---|
| 1  | E1461  | Box, inlet rocker                           | ... | 1 | — | 1 |
| 2  | E1461T | " " "                                       | ... | — | 1 | — |
| 3  | E1462  | " exhaust rocker                            | ... | 1 | — | 1 |
| 4  | E1462T | " " "                                       | ... | — | 1 | — |
| 5  | E1650  | Gasket, rocker box to cylinder head         | ... | 4 | 4 | 4 |
| 6  | E1540  | Stud, " " " "                               | ... | 4 | 4 | 4 |
| 7  | F879   | Nut, " " " "                                | ... | 4 | 4 | 4 |
| 8  | E1564  | Cap, " " inspection                         | ... | 4 | 4 | 4 |
| 9  | E1779  | " " " "                                     | 2   | — | — | — |
| 10 | E2423  | Dowel, " " " "                              | 2   | — | — | — |
| 11 | E1577  | Washer, " " " cap                           | —   | 4 | 4 | 4 |
| 12 | E1780  | " " " " "                                   | 2   | — | — | — |
| 13 | E1912  | Nut, " " " "                                | 2   | — | — | — |
| 14 | PT104B | Washer, " " " (fibre)                       | 2   | — | — | — |
| 15 | E1545  | Screw, " " " "                              | —   | 4 | 4 | 4 |
| 16 | S25-13 | Washer, " " screw                           | —   | 4 | 4 | 4 |
| 17 | E1457  | Rocker, valve R.H.                          | —   | 2 | 2 | 2 |
| 18 | E1755  | " " " "                                     | 2   | — | — | — |
| 19 | E1458  | " " L.H.                                    | —   | 2 | 2 | 2 |
| 20 | E1756  | " " " "                                     | 2   | — | — | — |
| 21 | E1483  | Pin, valve rocker ball                      | 4   | 4 | 4 | 4 |
| 22 | E1513  | " " " adjusting                             | 4   | 4 | 4 | 4 |
| 23 | E470   | Nut, " " " pin                              | 4   | 4 | 4 | 4 |
| 24 | E1330  | Washer, valve rocker thrust $\frac{3}{8}$ " | 2   | 2 | 2 | 2 |
| 25 | E1575  | " " " " $\frac{1}{2}$ "                     | 6   | 6 | 6 | 6 |
| 26 | E1574  | " " " thackeray                             | 4   | 4 | 4 | 4 |
| 27 | E1512  | Spindle, " " " "                            | —   | 2 | 2 | 2 |
| 28 | E1813  | " " " " "                                   | 2   | — | — | — |
| 29 | E1435  | Nut, " " spindle                            | 2   | 2 | 2 | 2 |
| 30 | E1335  | Washer, " " " nut                           | 4   | 4 | 4 | 4 |

### ROCKER OIL FEED AND DRAIN PIPES

|    |        |                               |   |   |   |   |
|----|--------|-------------------------------|---|---|---|---|
| 31 | E1937A | Pipe, rocker oil feed         | — | 1 | 1 | 1 |
| 32 | E1781  | " " " " "                     | 1 | — | — | — |
| 33 | E1947  | Connection, pipe (rubber)     | 1 | 1 | 1 | 1 |
| 34 | XA69   | Clip, pipe securing           | 5 | 5 | 5 | 5 |
| 35 | GS272  | Pipe, rocker drain inlet      | — | 1 | 1 | 1 |
| 36 | GS273  | " " " exhaust                 | — | 1 | 1 | 1 |
| 37 | E1335  | Washer, rocker drain copper   | — | 8 | 8 | 8 |
| 38 | E1601  | Adaptor, " " at cylinder head | — | 4 | 4 | 4 |
| 39 | F1880  | Washer, " " copper            | — | 4 | 4 | 4 |
| 40 | E984   | Adaptor, " " at cover tube    | — | 2 | 2 | 2 |

### ENGINE SPROCKET AND SHOCK ABSORBER

|    |        |                                |   |   |   |   |
|----|--------|--------------------------------|---|---|---|---|
| 41 | E2826F | Sprocket, engine 19T (sidecar) | — | 1 | 1 | — |
| 42 | E2826F | " " 19T (solo)                 | 1 | — | — | — |
| 43 | E2826C | " " 22T (solo)                 | — | 1 | 1 | — |
| 44 | E2826D | " " 21T (sidecar)              | — | — | — | 1 |
| 45 | E2826A | " " 24T (solo)                 | — | — | — | 1 |

WHEN IN DOUBT SEND SAMPLE

| REF. No. | PART No. | DESCRIPTION                             | 3T  | 5T          | T100 | 6T |
|----------|----------|---|-----|-------------|------|----|
| 1        | E2826H   | Sprocket, engine 17T ... ..             | ... | As required |      |    |
| 2        | E2826G   | " " 18T ... ..                          | ... | " "         |      |    |
| 3        | E2826E   | " " 20T ... ..                          | ... | " "         |      |    |
| 4        | E2826B   | " " 23T ... ..                          | ... | " "         |      |    |
| 5        | E2826    | " " 25T ... ..                          | ... | " "         |      |    |
| 6        | E1681    | Slider, shock absorber ... ..           |     |             |      |    |
| 7        | E1521    | " " " " ... ..                          |     |             |      |    |
| 8        | E2912    | Sleeve, " " " " ... ..                  | —   |             |      |    |
| 9        | E659     | Spring, " " " " ... ..                  |     | —           | —    | —  |
| 10       | E396     | Collar, " " spring ... ..               |     |             |      |    |
| 11       | E509     | Nut, " " sleeve ... ..                  |     |             |      |    |
| 12       | E1732    | Washer, engine sprocket distance ... .. |     | —           | —    | —  |

## EXHAUST PIPE

SILENCER

**ALWAYS QUOTE ENGINE NUMBER AND PREFIX**

# GEARBOX GROUP

| REF No.        | PART No. | DESCRIPTION                                   | 3T | 5T | T100 | 6T |
|----------------|----------|---|----|----|------|----|
| GEARBOX CASING |          |   |    |    |      |    |
| 1              | T909     | Casing with bushes, gearbox ...               | 1  | 1  | 1    | 1  |
| 2              | T989     | Dowel, casing to inner cover ...              | 2  | 2  | 2    | 2  |
| 3              | E698     | Stud, gearbox casing to outer cover ...       | 2  | 2  | 2    | 2  |
| 4              | S1-51    | Nut, " " stud ...                             | 2  | 2  | 2    | 2  |
| 5              | S25-3    | Washer, " " " ...                             | 2  | 2  | 2    | 2  |
| 6              | T935     | Cover with bushes, gearbox outer ...          | 1  | 1  | 1    | 1  |
| 7              | T452     | Screw, outer cover to casing (long) ...       | 1  | 1  | 1    | 1  |
| 8              | E573     | " " " " " " ...                               | 1  | 1  | 1    | 1  |
| 9              | E427     | " " " " inner cover ...                       | 2  | 2  | 2    | 2  |
| 10             | E1049    | " " " " " " (long) ...                        | 1  | 1  | 1    | 1  |
| 11             | T931     | Cover with bushes, gearbox inner ...          | 1  | 1  | 1    | 1  |
| 12             | T323A    | Stud, gearbox inner cover to outer cover ...  | 1  | 1  | 1    | 1  |
| 13             | S1-51    | Nut, " " " " " " stud                         | 1  | 1  | 1    | 1  |
| 14             | S25-3    | Washer, " " " " " " " "                       | 1  | 1  | 1    | 1  |
| 15             | E329     | Screw, " " " " " " (long)                     | 1  | 1  | 1    | 1  |
| 16             | E427     | Screw, " " " " " " " "                        | 3  | 3  | 3    | 3  |
| 17             | T45      | Stop, kickstarter quadrant ...                | 1  | 1  | 1    | 1  |
| 18             | T912     | Peg, layshaft bush inner cover ...            | 1  | 1  | 1    | 1  |
| 19             | T400     | Cap, gearbox oil filler ...                   | 1  | 1  | 1    | 1  |
| 20             | NT376    | Washer, " " " joint ...                       | 1  | 1  | 1    | 1  |
| 21             | S46-15   | Plug, gearbox drain and inner cover level ... | 2  | 2  | 2    | 2  |
| 22             | PT104B   | Washer, " " " " " " " "                       | 2  | 2  | 2    | 2  |

## GEARBOX FITTINGS

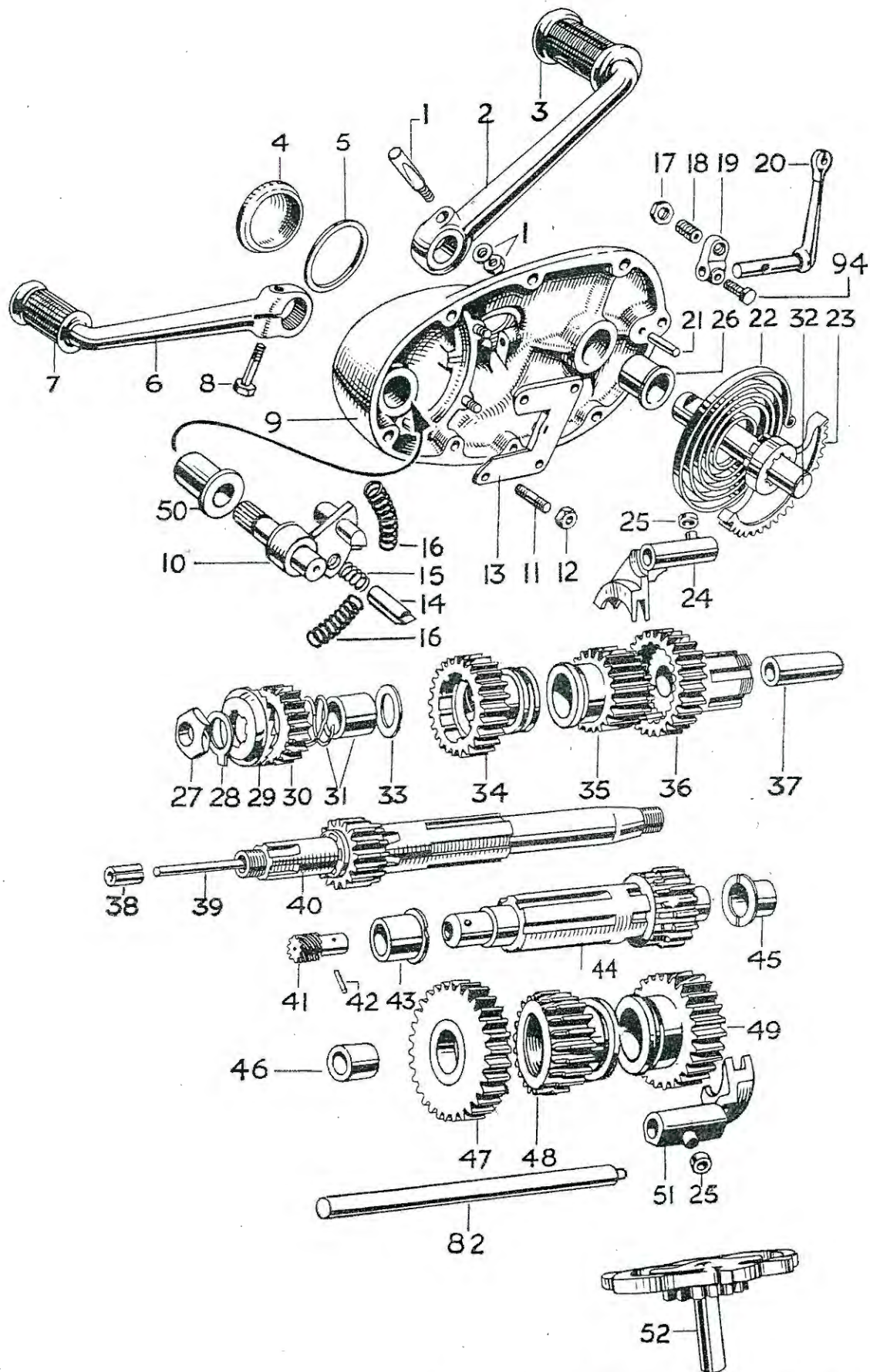
|    |       |                                      |   |   |   |   |
|----|-------|--------------------------------------|---|---|---|---|
| 23 | T717  | Plate, gearbox mounting clamp ...    | 2 | 2 | 2 | 2 |
| 24 | T456  | Stud, " clamp tie ...                | 2 | 2 | 2 | 2 |
| 25 | S1-51 | Nut, " " " stud ...                  | 3 | 3 | 3 | 3 |
| 26 | T461  | Nut, " " " " ...                     | 1 | 1 | 1 | 1 |
| 27 | S26-3 | Washer, " " " " ...                  | 2 | 2 | 2 | 2 |
| 28 | F1681 | Bolt, " " pin ...                    | 1 | 1 | 1 | 1 |
| 29 | S4-13 | Nut, " " " bolt ...                  | 1 | 1 | 1 | 1 |
| 30 | S25-8 | Washer, " " " " ...                  | 1 | 1 | 1 | 1 |
| 31 | T430  | Bolt, " pivot ...                    | — | 1 | 1 | 1 |
| 32 | F2391 | Bolt, " " " ...                      | 1 | — | — | — |
| 33 | F1126 | Nut, " " bolt ...                    | 1 | — | — | — |
| 34 | S26-1 | Washer, " " " " ...                  | 1 | 1 | 1 | 1 |
| 35 | T275  | Adjuster assembly, primary chain ... | 1 | 1 | 1 | 1 |

## SHAFTS AND GEARS

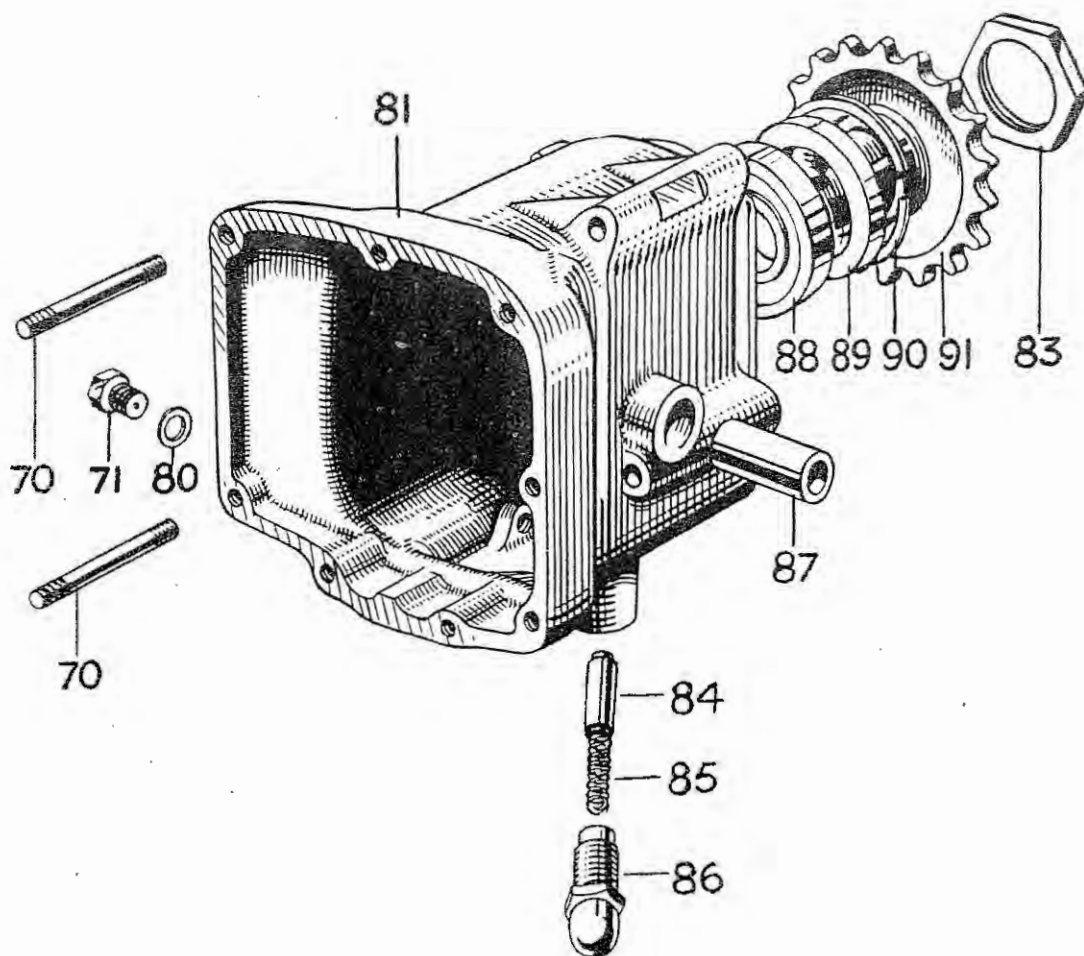
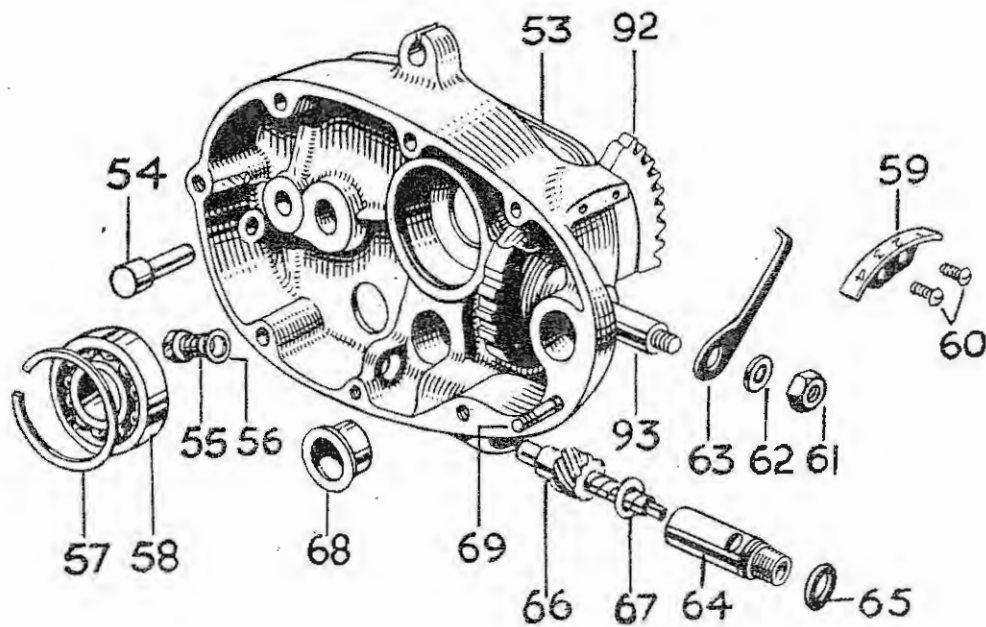
|    |        |                                    |   |   |   |   |
|----|--------|------------------------------------|---|---|---|---|
| 36 | T914   | Mainshaft and low gear (16T) ...   | 1 | 1 | 1 | 1 |
| 37 | PT108B | Bush, mainshaft for clutch rod ... | 1 | 1 | 1 | 1 |
| 38 | S66-1  | Woodruff key No. 6 ...             | 1 | 1 | 1 | 1 |
| 39 | T421   | Nut, clutch to mainshaft ...       | 1 | 1 | 1 | 1 |
| 40 | T420   | Washer, " " " plain ...            | 1 | 1 | 1 | 1 |
| 41 | T542   | Washer, " " " lock ...             | 1 | 1 | 1 | 1 |

ALL GOODS SENT TO WORKS MUST BE CARRIAGE PAID





TRIUMPH FOUR -



# SPEED GEARBOX

# GEARBOX

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| 1           | S.52-1   | 40   | 11   | 43          | T.911    | 39   | 15   |
| 2           | T.451    | 40   | 9    | 44          | T.921    | 39   | 5    |
| 3           | F.1814   | 40   | 10   | 45          | T.911    | 39   | 15   |
| 4           | T.400    | 35   | 19   | 46          | T.928    | 39   | 9    |
| 5           | NT.376   | 35   | 20   | 47          | T.926    | 39   | 8    |
| 6           | T.398    | 39   | 41   | 48          | T.930    | 39   | 6    |
| 7           | T.449    | 40   | 2    | 49          | T.929    | 39   | 7    |
| 8           | T.450    | 40   | 1    | 50          | T.57     | 39   | 20   |
| 9           | T.935    | 35   | 6    | 51          | T.913    | 39   | 32   |
| 10          | T.408/9  | 39   | 38   | 52          | T.500    | 39   | 26   |
| 11          | T.454    | 39   | 35   | 53          | T.931    | 35   | 11   |
| 12          | F.879    | 39   | 36   | 54          | T.45     | 35   | 17   |
| 13          | T.407    | 39   | 34   | 55          | S.46-15  | 35   | 21   |
| 14          | T.406    | 39   | 39   | 56          | PT.104B  | 35   | 22   |
| 15          | T.405    | 39   | 40   | 57          | T.280    | 39   | 14   |
| 16          | T.404    | 40   | 3    | 58          | S.35-7   | 39   | 13   |
| 17          | T.453    | 42   | 10   | 59          | T.396    | 40   | 7    |
| 18          | T.413    | 42   | 9    | 60          | D.208-17 | 40   | 8    |
| 19          | T.402    | 42   | 6    | 61          | T.224    | 40   | 5    |
| 20          | T.487    | 42   | 4    | 62          | S.25-3   | 40   | 6    |
| 21          | T.47     | 40   | 13   | 63          | T.395    | 40   | 4    |
| 22          | T.31     | 40   | 12   | 64          | T.933    | 79   | 21   |
| 23          | T.25A    | 40   | 14   | 65          | T.948    | 79   | 22   |
| 24          | T.260B   | 39   | 31   | 66          | T.934    | 79   | 18   |
| 25          | NT.261   | 39   | 27   | 67          | T.825    | 79   | 20   |
| 26          | T.23     | 39   | 21   | 68          | T.412    | 39   | 19   |
| 27          | NT.297   | 40   | 19   | 69          | T.323A   | 35   | 12   |
| 28          | T.732    | 40   | 20   | 70          | E.698    | 35   | 3    |
| 29          | T.731    | 40   | 17   | 71          | S.46-15  | 35   | 21   |
| 30          | T.730    | 40   | 16   | 80          | PT.104B  | 35   | 22   |
| 31          | T.488/28 | 40   | 18   | 81          | T.909    | 35   | 1    |
| 32          | T.24A    | 40   | 15   | 82          | T.291    | 39   | 33   |
| 33          | T.505    | 40   | 21   | 83          | T.440    | 40   | 23   |
| 34          | T.917    | 39   | 3    | 84          | T.501    | 39   | 28   |
| 35          | T.916    | 39   | 4    | 85          | T.373    | 39   | 30   |
| 36          | T.918    | 39   | 1    | 86          | T.372    | 39   | 29   |
| 37          | T.920    | 39   | 2    | 87          | T.341    | 39   | 18   |
| 38          | PT.108B  | 35   | 37   | 88          | T.448    | 39   | 10   |
| 39          | T.455    | 42   | 11   | 89          | T.946    | 39   | 11   |
|             | T.455A   | 42   | 12   | 90          | T.489    | 39   | 12   |
|             | T.455B   | 42   | 13   | 91          | T.471A   | 40   | 22   |
| 40          | T.914    | 35   | 36   | 92          | T.397    | 39   | 24   |
| 41          | T.924    | 79   | 15   | 93          | T.399    | 39   | 25   |
| 42          | T.925    | 79   | 17   |             |          |      |      |



| REF. No. | PART No. | DESCRIPTION                                  | 3T | 5T | T100 | 6T |
|----------|----------|--|----|----|------|----|
| 1        | T918     | Gear, mainshaft high (26T) ... ..            | 1  | 1  | 1    | 1  |
| 2        | T920     | Bush, ,, ,, gear ... ..                      | 1  | 1  | 1    | 1  |
| 3        | T917     | Gear, ,, 3rd (24T) ... ..                    | 1  | 1  | 1    | 1  |
| 4        | T916     | Gear, ,, 2nd (20T) ... ..                    | 1  | 1  | 1    | 1  |
| 5        | T921     | Layshaft c/w high gear (20T) and speedo gear | 1  | 1  | 1    | 1  |
| 6        | T930     | Gear, layshaft 3rd (22T) ... ..              | 1  | 1  | 1    | 1  |
| 7        | T929     | Gear, ,, 2nd (26T) ... ..                    | 1  | 1  | 1    | 1  |
| 8        | T926     | Gear, ,, low (30T) ... ..                    | 1  | 1  | 1    | 1  |
| 9        | T928     | Bush, ,, ,, gear ... ..                      | 1  | 1  | 1    | 1  |

#### GEARBOX SHELL BEARINGS

|    |       |   |   |   |   |   |
|----|-------|---|---|---|---|---|
| 10 | T448  | Bearing, high gear ... ..                   | 1 | 1 | 1 | 1 |
| 11 | T946  | Oil seal, ,, ,, bearing ... ..              | 1 | 1 | 1 | 1 |
| 12 | E489  | Circlip, ,, ,, retaining ... ..             | 1 | 1 | 1 | 1 |
| 13 | S35-7 | Bearing, mainshaft ... ..                   | 1 | 1 | 1 | 1 |
| 14 | T280  | Circlip, ,, bearing ... ..                  | 1 | 1 | 1 | 1 |
| 15 | T911  | Bush, layshaft casing and inner cover ...   | 2 | 2 | 2 | 2 |
| 16 | T912  | Peg, layshaft bush ... ..                   | 2 | 2 | 2 | 2 |
| 17 | T981  | Disc, layshaft bush ... ..                  | 1 | 1 | 1 | 1 |
| 18 | T341  | Bush, gear selector camplate ... ..         | 1 | 1 | 1 | 1 |
| 19 | T412  | Bush, footchange spindle inner ... ..       | 1 | 1 | 1 | 1 |
| 20 | T57   | Bush, ,, ,, outer ... ..                    | 1 | 1 | 1 | 1 |
| 21 | T23   | Bush, kickstarter outer ... ..              | 1 | 1 | 1 | 1 |
| 22 | T933  | Bush, speedo gear inner cover ... ..        | 1 | 1 | 1 | 1 |
| 23 | T948  | Washer, speedo gear inner cover sealing ... | 1 | 1 | 1 | 1 |

#### GEAR CONTROL (SELECTOR MECHANISM)

|    |       |  |   |   |   |   |
|----|-------|--|---|---|---|---|
| 24 | T397  | Quadrant, gear operating ... ..                            | 1 | 1 | 1 | 1 |
| 25 | T399  | Spindle, ,, ,, quadrant ... ..                             | 1 | 1 | 1 | 1 |
|    |       | Split pin $1\frac{1}{2}$ " by $\frac{5}{16}$ " dia. ... .. | 1 | 1 | 1 | 1 |
| 26 | T500  | Camplate, gear control ... ..                              | 1 | 1 | 1 | 1 |
| 27 | NT261 | Roller, ,, ,, camplate ... ..                              | 2 | 2 | 2 | 2 |
| 28 | T501  | Plunger, ,, ,, ,, ... ..                                   | 1 | 1 | 1 | 1 |
| 29 | T372  | Bush, ,, ,, ,, plunger ... ..                              | 1 | 1 | 1 | 1 |
| 30 | T373  | Spring, ,, ,, ,, ,, ... ..                                 | 1 | 1 | 1 | 1 |
| 31 | T260B | Fork, gear selector mainshaft ... ..                       | 1 | 1 | 1 | 1 |
| 32 | T913  | Fork, ,, ,, layshaft ... ..                                | 1 | 1 | 1 | 1 |
| 33 | T291  | Rod, ,, ,, fork ... ..                                     | 1 | 1 | 1 | 1 |

#### GEAR CONTROL (ENCLOSED FOOTCHANGE)

|    |        |  |   |   |   |   |
|----|--------|--|---|---|---|---|
| 34 | T407   | Plate, footchange guide ... ..         | 1 | 1 | 1 | 1 |
| 35 | T454   | Stud, ,, ,, plate ... ..               | 4 | 4 | 4 | 4 |
| 36 | F879   | Nut, ,, ,, ,, stud ... ..              | 4 | 4 | 4 | 4 |
| 37 | E2312  | Washer, ,, ,, ,, ,, ... ..             | 4 | 4 | 4 | 4 |
| 38 | T408/9 | Plunger assembly, gear quadrant ... .. | 1 | 1 | 1 | 1 |
| 39 | T406   | Plunger, gear quadrant ... ..          | 2 | 2 | 2 | 2 |
| 40 | T405   | Spring, ,, ,, plunger ... ..           | 2 | 2 | 2 | 2 |
| 41 | T398   | Pedal, footchange ... ..               | 1 | 1 | 1 | 1 |

WHEN IN DOUBT SEND SAMPLE

| REF. No. | PART No. | DESCRIPTION                        | 3T | 5T | T100 | 6T |
|----------|----------|------------------------------------|----|----|------|----|
| 1        | T450     | Set screw, footchange pedal ... .. | 1  | 1  | 1    | 1  |
| 2        | T449     | Rubber, " " ... ..                 | 1  | 1  | 1    | 1  |
| 3        | T404     | Spring, " " return ... ..          | 2  | 2  | 2    | 2  |
| 4        | T395     | Finger, gear indicator ... ..      | 1  | 1  | 1    | 1  |
| 5        | T224     | Nut, " " ... ..                    | 1  | 1  | 1    | 1  |
| 6        | S25-3    | Washer, " " ... ..                 | 1  | 1  | 1    | 1  |
| 7        | T396     | Quadrant, gear indicator ... ..    | 1  | 1  | 1    | 1  |
| 8        | D208-17  | Pin, quadrant fixing ... ..        | 2  | 2  | 2    | 2  |

### KICKSTARTER

|    |         |                                      |   |   |   |   |
|----|---------|--------------------------------------|---|---|---|---|
| 9  | T451    | Crank, kickstarter ... ..            | 1 | 1 | 1 | 1 |
| 10 | F1814   | Rubber, " crank ... ..               | 1 | 1 | 1 | 1 |
| 11 | S52-1   | Cotter pin c/w nut and washer ... .. | 1 | 1 | 1 | 1 |
| 12 | T31     | Spring, k/s crank return ... ..      | 1 | 1 | 1 | 1 |
| 13 | T47     | Peg, " anchor ... ..                 | 1 | 1 | 1 | 1 |
| 14 | T25A    | Quadrant, kickstarter ... ..         | 1 | 1 | 1 | 1 |
| 15 | T24A    | Shaft, kickstarter axle ... ..       | 1 | 1 | 1 | 1 |
| 16 | T730    | Pinion, " ... ..                     | 1 | 1 | 1 | 1 |
| 17 | T731    | Ratchet, kickstarter ... ..          | 1 | 1 | 1 | 1 |
| 18 | T488/28 | Sleeve and spring, pinion ... ..     | 1 | 1 | 1 | 1 |
| 19 | NT297   | Nut, kickstarter ratchet ... ..      | 1 | 1 | 1 | 1 |
| 20 | T732    | Washer, " lock ... ..                | 1 | 1 | 1 | 1 |
| 21 | T505    | Washer, " plain ... ..               | 1 | 1 | 1 | 1 |

### GEARBOX SPROCKET

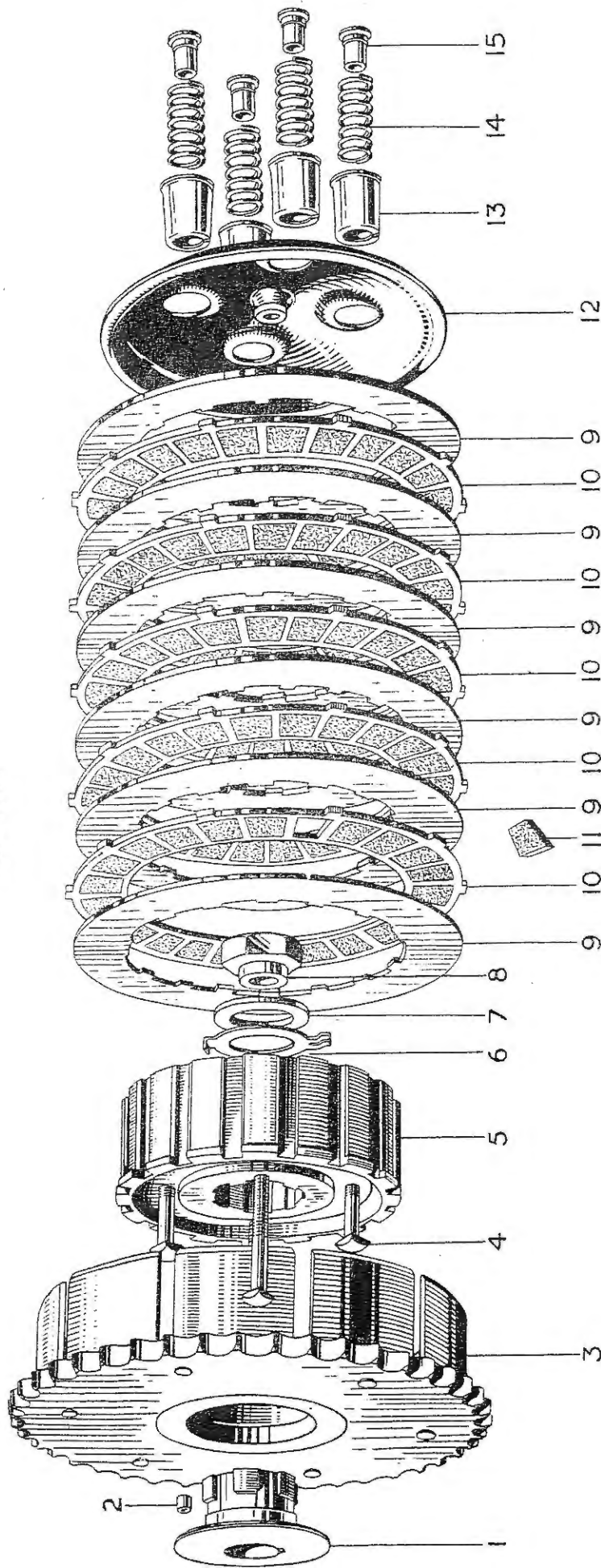
|    |       |                                      |   |   |   |   |
|----|-------|--------------------------------------|---|---|---|---|
| 22 | T471A | Sprocket, gearbox ... ..             | 1 | 1 | 1 | 1 |
| 23 | T440  | Nut, gearbox sprocket locking ... .. | 1 | 1 | 1 | 1 |

### CLUTCH

|    |       |                                      |    |    |    |     |
|----|-------|--------------------------------------|----|----|----|-----|
| 24 | T938  | Clutch assembly ... ..               | —  | 1  | 1  | —   |
| 25 | T937  | " " ... ..                           | 1  | —  | —  | —   |
| 26 | T984  | " " ... ..                           | —  | —  | —  | 1   |
| 27 | T940  | Housing, clutch sprocket with ... .. | —  | 1  | 1  | —   |
| 28 | T939  | " " " " ... ..                       | 1  | —  | —  | —   |
| 29 | T985  | " " " " ... ..                       | —  | —  | —  | 1   |
| 30 | T394  | Rollers, " housing ... ..            | 20 | 20 | 20 | 20  |
| 31 | T417  | Centre, clutch ... ..                | —  | 1  | 1  | —   |
| 32 | T417A | Centre, " ... ..                     | 1  | —  | —  | —   |
| 33 | T872  | Centre, " ... ..                     | —  | —  | —  | 1   |
| 34 | T418  | Hub, " ... ..                        | 1  | 1  | 1  | 1   |
| 35 | T414  | Plate, clutch driving corked ... ..  | 3  | 4  | 4  | 5   |
| 36 | NT288 | Cork, insert ... ..                  | 72 | 96 | 96 | 120 |
| 37 | T415  | Plate, clutch driven ... ..          | 4  | 5  | 5  | 6   |
| 38 | T429  | Spring, clutch pressure ... ..       | 4  | 4  | 4  | 4   |
| 39 | T423  | Pin, " " spring ... ..               | —  | 4  | 4  | —   |
| 40 | T424  | Pin, " " " ... ..                    | 4  | —  | —  | —   |
| 41 | T423A | Pin, " " " ... ..                    | —  | —  | —  | 4   |
| 42 | T427  | Nut, " " " pin ... ..                | 4  | 4  | 4  | 4   |

ALL GOODS SENT TO WORKS MUST BE CARRIAGE PAID

# CLUTCH



| Illust. No. | Part No. | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
|-------------|----------|------|------|-------------|----------|------|------|
| 1           | T.418    | 40   | 34   | 6           | T.542    | 35   | 41   |
| 2           | T.394    | 40   | 30   | 7           | T.420    | 35   | 40   |
| 3           | T.938    | 40   | 24   | 8           | T.421    | 35   | 39   |
|             | T.937    | 40   | 25   | 9           | T.415    | 40   | 37   |
|             | T.984    | 40   | 26   | 10          | T.414    | 40   | 35   |
| 4           | T.423    | 40   | 39   | 11          | NT.288   | 40   | 36   |
|             | T.424    | 40   | 40   | 12          | T.986    | 42   | 2    |
|             | T.423A   | 40   | 41   | 13          | T.425    | 42   | 1    |
| 5           | T.417    | 40   | 31   | 14          | T.429    | 40   | 38   |
|             | T.417A   | 40   | 32   | 15          | T.427    | 40   | 42   |
|             | T.872    | 40   | 33   |             |          |      |      |



| REF. No. | PART No. | DESCRIPTION                              | 3T | 5T | T100 | 6T |
|----------|----------|--|----|----|------|----|
| 1        | T425     | Cup, clutch pressure spring ... ..       | 4  | 4  | 4    | 4  |
| 2        | T986     | Plate, clutch pressure c/w button ... .. | 1  | 1  | 1    | 1  |
| 3        | T422     | Button, „ „ plate ... ..                 | 1  | 1  | 1    | 1  |

### CLUTCH CONTROL

|    |        |                                 |   |   |   |   |
|----|--------|---------------------------------|---|---|---|---|
| 4  | T487   | Lever, clutch operating ... ..  | 1 | 1 | 1 | 1 |
| 5  | T495   | Cap, „ „ lever rubber ... ..    | 1 | 1 | 1 | 1 |
| 6  | T402   | Arm, „ „ „ ... ..               | 1 | 1 | 1 | 1 |
| 7  | T401   | Peg, „ „ „ ... ..               | 1 | 1 | 1 | 1 |
| 8  | E2312  | Washer, „ „ „ peg ... ..        | 1 | 1 | 1 | 1 |
| 9  | T413   | Pin, „ lever adjusting ... ..   | 1 | 1 | 1 | 1 |
| 10 | T453   | Nut, „ „ „ lock ... ..          | 1 | 1 | 1 | 1 |
| 11 | T455   | Rod, „ „ operating ... ..       | — | 1 | 1 | — |
| 12 | T455A  | Rod, „ „ „ ... ..               | 1 | — | — | — |
| 13 | T455B  | Rod, „ „ „ ... ..               | — | — | — | 1 |
| 14 | PT108B | Bush, „ rod to mainshaft ... .. | 1 | 1 | 1 | 1 |

### WIDE RATIO GEAR GROUP

|    |      |  |   |   |   |   |
|----|------|--|---|---|---|---|
| 15 | T969 | Gear, mainshaft high 28T ... ..                  | 1 | 1 | 1 | 1 |
| 16 | T968 | Gear, „ 2nd 19T ... ..                           | 1 | 1 | 1 | 1 |
| 17 | T920 | Bush, „ high gear ... ..                         | 1 | 1 | 1 | 1 |
| 18 | T971 | Gear, layshaft high 18T (c/w speedo gear) ... .. | 1 | 1 | 1 | 1 |
| 19 | T974 | Gear, „ 2nd 27T ... ..                           | 1 | 1 | 1 | 1 |

### CLOSE RATIO GEAR GROUP

|    |       |                                       |   |   |   |   |
|----|-------|---------------------------------------|---|---|---|---|
| 20 | T995  | Mainshaft and low gear 18T ... ..     | 1 | 1 | 1 | 1 |
| 21 | PT108 | Bush, mainshaft for clutch rod ... .. | 1 | 1 | 1 | 1 |
| 22 | T957  | Gear, „ high 24T ... ..               | 1 | 1 | 1 | 1 |
| 23 | T955  | Gear, „ 2nd 21T ... ..                | 1 | 1 | 1 | 1 |
| 24 | T956  | Gear, „ 3rd 23T ... ..                | 1 | 1 | 1 | 1 |
| 25 | T920  | Bush, „ high ... ..                   | 1 | 1 | 1 | 1 |
| 26 | T961  | Gear, layshaft low 28T ... ..         | 1 | 1 | 1 | 1 |
| 27 | T959  | Gear, „ high 18T ... ..               | 1 | 1 | 1 | 1 |
| 28 | T963  | Gear, „ 2nd 25T ... ..                | 1 | 1 | 1 | 1 |
| 29 | T964  | Gear, „ 3rd 23T ... ..                | 1 | 1 | 1 | 1 |
| 30 | T928  | Bush, „ low ... ..                    | 1 | 1 | 1 | 1 |

SEE PAGE 93 FOR GEAR RATIOS

## FRAME GROUP

| REF. No.      | PART No. | DESCRIPTION                                       | 3T | 5T | T100 | 6T |
|---------------|----------|---|----|----|------|----|
| FRONT PORTION |          |   |    |    |      |    |
| 1             | F2938    | Frame, front portion ... ..                       | —  | 1  | 1    | 1  |
| 2             | F2385    | Frame, „ „ „ „ „ „                                | 1  | —  | —    | —  |
| 3             | F1561    | Stud, seat lug to back stays ... ..               | —  | 1  | 1    | 1  |
| 4             | E1023    | Stud, „ „ „ „ „ „                                 | 1  | —  | —    | —  |
| 5             | PO172A   | Nut, „ „ „ „ „ stud ... ..                        | 2  | 2  | 2    | 2  |
| 6             | S26-1    | Washer, seat lug to back stays stud ... ..        | 2  | 2  | 2    | 2  |
| 7             | F994     | Stud, frame to chain stay seat tube ... ..        | 1  | 1  | 1    | 1  |
| 8             | SI-30    | Nut, „ „ „ „ „ „ stud ... ..                      | 2  | 2  | 2    | 2  |
| 9             | SCZ45    | Washer, frame to chain stay seat tube stud ... .. | 2  | 2  | 2    | 2  |
| 10            | F1841    | Support, petrol tank front ... ..                 | —  | 1  | 1    | 1  |
| 11            | F1451    | Bolt, „ „ „ „ support ... ..                      | —  | 1  | 1    | 1  |
| 12            | SI-52    | Nut, „ „ „ „ „ „                                  | —  | 1  | 1    | 1  |
| 13            | F3038    | Support, „ „ „ rear ... ..                        | —  | 1  | 1    | 1  |
| 14            | F2687    | Bolt, „ „ „ „ support ... ..                      | —  | 2  | 2    | 2  |
| 15            | S26-3    | Washer, „ „ „ „ „ „                               | —  | 2  | 2    | 2  |
| 16            | NW100    | Lubricator, steering column race ... ..           | 1  | 1  | 1    | 1  |

SEE FRONT FORK GROUP FOR HEAD LUG STEERING RACES

### REAR PORTION

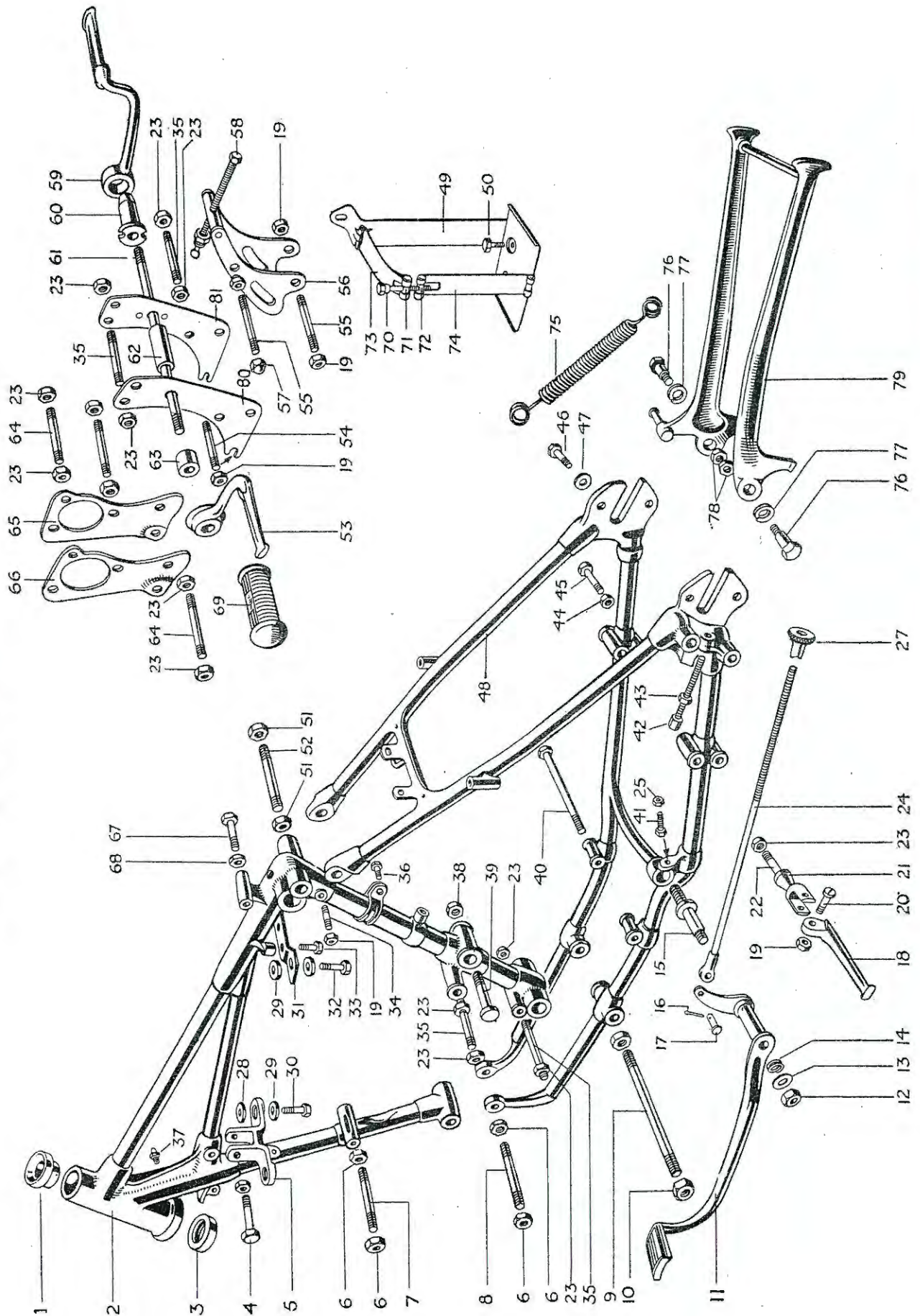
|    |       |   |   |   |   |   |
|----|-------|---|---|---|---|---|
| 17 | F3102 | Frame, rear portion c/w prop stand lug ... .. | — | 1 | 1 | 1 |
| 18 | F3100 | Frame, „ „ „ „ „ „                            | 1 | — | — | — |
| 19 | F969  | Screw, rear chain adjuster ... ..             | 2 | 2 | 2 | 2 |
| 20 | F1008 | Locknut, „ „ „ „ screw ... ..                 | 2 | — | — | — |
| 21 | F1824 | Locknut „ „ „ „ „ „                           | — | 2 | 2 | 2 |

## TORQUE BRACKET GROUP

|    |        |  |   |   |   |   |
|----|--------|--|---|---|---|---|
| 22 | E1597  | Stay, engine to frame torque clip ... .. | — | 2 | 2 | 2 |
| 23 | F2380  | Bracket, „ „ „ „ „ „                     | 1 | — | — | — |
| 24 | E1598  | Clip, torque stay to frame ... ..        | — | 1 | 1 | 1 |
| 25 | F2381  | Clip, „ „ bracket ... ..                 | 1 | — | — | — |
| 26 | F1031  | Bolt, „ „ stay clip ... ..               | — | 1 | 1 | 1 |
| 27 | DS55   | Bolt, „ „ bracket ... ..                 | 1 | — | — | — |
| 28 | PO172A | Nut, „ „ stay clip ... ..                | — | 1 | 1 | 1 |
| 29 | SI-51  | Nut, „ „ bracket ... ..                  | 1 | — | — | — |
| 30 | S25-3  | Washer, torque stay clip ... ..          | — | 1 | 1 | 1 |
| 31 | S26-3  | Washer, „ „ bracket ... ..               | 1 | — | — | — |
| 32 | SI-52  | Nut, „ „ stay to engine bolt ... ..      | — | 2 | 2 | 2 |
| 33 | S26-1  | Washer, „ „ „ „ „ „                      | — | 2 | 2 | 2 |

FIGURE IN MODEL COLUMN DENOTES QUANTITY PER MACHINE

# FRAME AND COMPONENTS 5T, T100 AND 6T



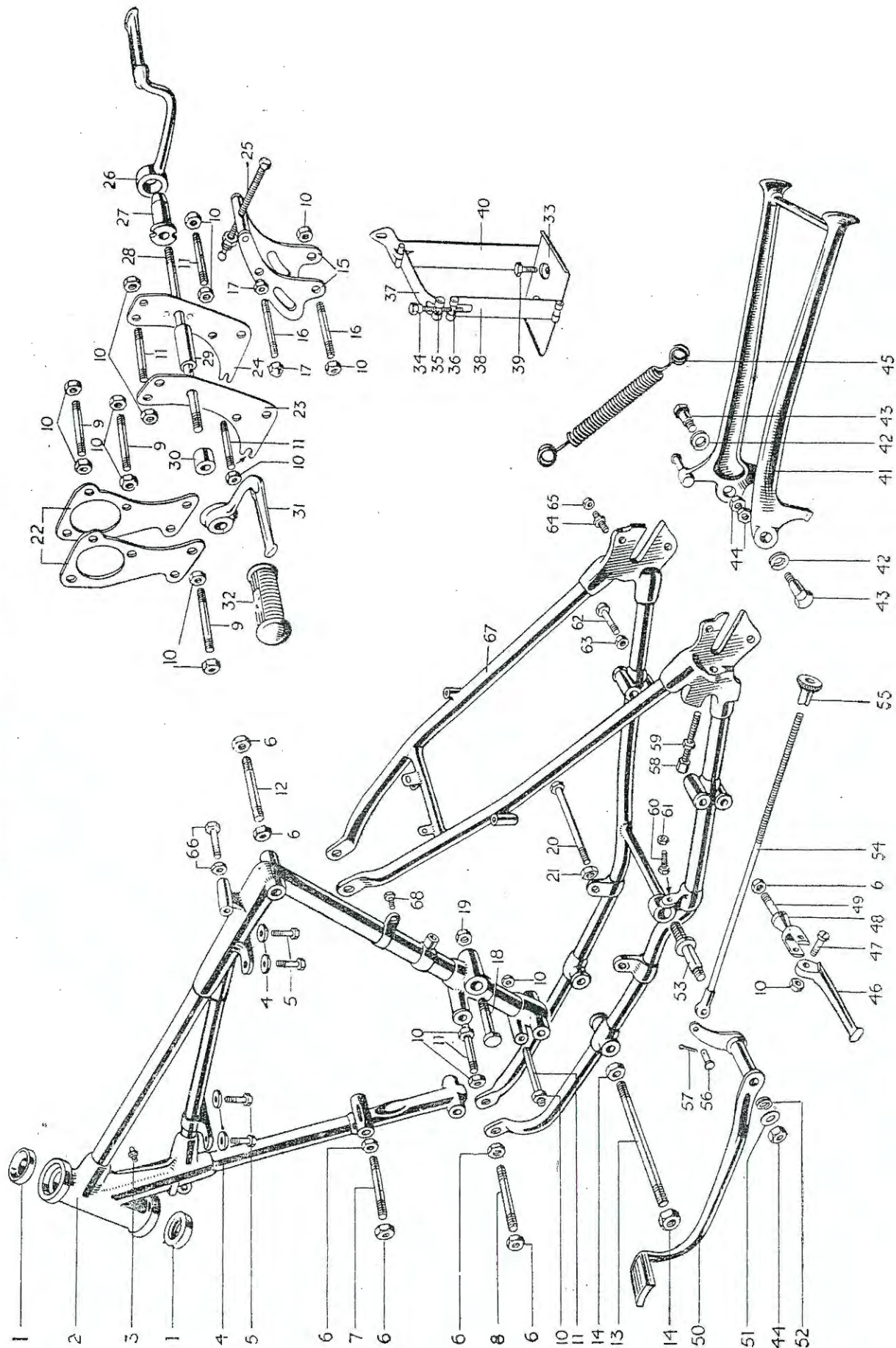


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| 1           | H.437           | 51   | 20   | 42          | F.969    | 43   | 19   |
| 2           | F.2938          | 43   | 1    | 43          | F.1824   | 43   | 21   |
| 3           | H.111           | 51   | 21   | 44          | T.224    | 34   | 27   |
| 4           | F.1451          | 43   | 11   | 45          | E.688    | 34   | 25   |
| 5           | F.1841          | 43   | 10   | 46          | E.579    | 64   | 4    |
| 6           | DS.47           | 48   | 13   | 47          | S.26-2   | 64   | 5    |
| 7           | F.2414          | 48   | 11   | 48          | F.3102   | 43   | 17   |
| 8           | F.1680          | 48   | 17   | 49          | F.2876   | 48   | 35   |
| 9           | F.994           | 43   | 7    | 50          | F.1715   | 48   | 45   |
| 10          | S.I-30          | 43   | 8    | 51          | PO.172A  | 43   | 5    |
| 11          | F.1153          | 73   | 15   | 52          | F.1561   | 43   | 3    |
| 12          | S.I-51          | 73   | 22   | 53          | F.987    | 73   | 33   |
| 13          | S.25-2          | 73   | 23   | 54          | F.839    | 48   | 29   |
| 14          | S.26-16         | 73   | 24   | 55          | T.456    | 35   | 24   |
| 15          | F.867           | 73   | 19   | 56          | T.717    | 35   | 23   |
| 16          | 1/16" Split Pin |      |      | 57          | T.461    | 35   | 26   |
| 17          | WF.32           | 73   | 29   | 58          | T.275    | 35   | 35   |
| 18          | F.1694          | 74   | 8    | 59          | F.1731   | 73   | 32   |
| 19          | S.I-51          | 74   | 11   | 60          | F.1736   | 73   | 35   |
| 20          | F.2271          | 74   | 10   | 61          | F.991    | 74   | 1    |
| 21          | F.2268          | 74   | 13   | 62          | F.862    | 74   | 6    |
| 22          | F.1696          | 74   | 14   | 63          | T.87     | 66   | 3    |
| 23          | PO.172A         | 74   | 15   | 64          | F.1711   | 48   | 23   |
| 24          | F.1015A         | 73   | 26   | 65          | E.2223   | 48   | 2    |
|             | F.1015B         | 73   | 27   | 66          | E.2222   | 48   | 1    |
| 27          | NS.372          | 73   | 31   | 67/8        | NA.64J   | 74   | 32   |
| 28          | F.1813          | 67   | 40   | 69          | NF.704   | 73   | 34   |
| 29          | F.967           | 69   | 3    | 70          | E.536    | 48   | 39   |
| 30          | F.1808          | 69   | 1    | 71          | E.534    | 48   | 37   |
| 31          | F.3038          | 43   | 13   | 72          | E.535    | 48   | 38   |
| 32          | F.966           | 67   | 41   | 73          | F.1667   | 48   | 40   |
| 33          | F.2687          | 43   | 14   | 74          | F.1668   | 48   | 41   |
| 34          | F.1682          | 70   | 1    | 75          | F.975A   | 53   | 9    |
| 35          | F.839           | 48   | 29   | 76          | F.977    | 53   | 10   |
| 36          | F.929           | 69   | 16   | 77          | F.976    | 53   | 12   |
| 37          | NW.100          | 43   | 16   | 78          | W.630    | 53   | 11   |
| 38          | S.4-13          | 35   | 29   | 79          | F.1834   | 53   | 8    |
| 39          | F.1681          | 35   | 28   | 80          | F.1811   | 48   | 4    |
| 40          | T.430           | 35   | 31   | 81          | F.1811A  | 48   | 5    |
| 41          | F.1149          | 73   | 17   |             |          |      |      |

FOR IDENTIFICATION OF PARTS SEE PAGE 10 FOR INSTRUCTIONS

# FRAME AND COMPONENTS 3T



# INDEX TO ILLUSTRATION ON PAGE 46

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|-------------|----------|------|------|-------------|-----------------|------|------|
| 1           | XS.10    | 51   | 19   | 36          | E.535           | 48   | 38   |
| 2           | F.2385   | 43   | 2    | 37          | F.1667          | 48   | 40   |
| 3           | NW.100   | 43   | 16   | 38          | F.1668          | 48   | 41   |
| 4           | F.967    | 69   | 3    | 39          | F.1715          | 48   | 45   |
| 5           | F.966    | 67   | 41   | 40          | F.2877/8        | 48   | 36   |
| 6           | PO.172A  | 48   | 14   | 41          | F.1834          | 53   | 8    |
| 7           | E.1023   | 48   | 12   | 42          | F.976           | 53   | 12   |
| 8           | F.1711   | 48   | 18   | 43          | F.977           | 53   | 10   |
| 9           | E.925    | 48   | 24   | 44          | W.630           | 53   | 11   |
| 10          | S.1-51   | 48   | 26   | 45          | F.975A          | 53   | 9    |
| 11          | E.654    | 48   | 30   | 46          | F.1694          | 74   | 8    |
| 12          | E.1023   | 43   | 4    | 47          | F.2271          | 74   | 10   |
| 13          | F.994    | 43   | 7    | 48          | E.2268          | 74   | 13   |
| 14          | S.1-30   | 43   | 8    | 49          | F.1696          | 74   | 14   |
| 15          | T.717    | 35   | 23   | 50          | F.1153          | 73   | 15   |
| 16          | T.456    | 35   | 24   | 51          | S.25-2          | 73   | 23   |
| 17          | T.461    | 35   | 26   | 52          | S.26-16         | 73   | 24   |
| 18          | F.1681   | 35   | 28   | 53          | F.867           | 73   | 19   |
| 19          | S.4-13   | 35   | 29   | 54          | F.1015          | 73   | 25   |
| 20          | F.2391   | 35   | 32   |             | F.1015C         | 73   | 28   |
| 21          | F.1126   | 35   | 33   | 55          | NS.372          | 73   | 31   |
| 22          | F.2235   | 48   | 3    | 56          | WF.32           | 73   | 29   |
| 23          | F.2392   | 48   | 6    | 57          | 1/16" Split Pin |      |      |
| 24          | F.2396   | 48   | 7    | 58          | F.969           | 43   | 19   |
| 25          | T.275    | 35   | 35   | 59          | F.1008          | 43   | 20   |
| 26          | F.1731   | 73   | 32   | 60          | F.1149          | 73   | 17   |
| 27          | F.1736   | 73   | 35   | 61          | F.879           | 73   | 18   |
| 28          | F.1092   | 74   | 2    | 62          | H.570           | 34   | 26   |
| 29          | F.1081   | 74   | 5    | 63          | T.224           | 34   | 27   |
| 30          | T.200    | 66   | 4    | 64          | F.946           | 62   | 14   |
| 31          | F.987    | 73   | 33   | 65          | F.947           | 62   | 15   |
| 32          | NF.704   | 73   | 34   | 66          | NA.64J          | 74   | 32   |
| 33          | F.2876   | 48   | 35   | 67          | F.3100          | 43   | 18   |
| 34          | E.536    | 48   | 39   | 68          | F.2687          | 43   | 14   |
| 35          | E.534    | 48   | 37   |             |                 |      |      |

FOR IDENTIFICATION OF PARTS SEE PAGE 10 FOR INSTRUCTIONS



## ENGINE PLATE GROUP

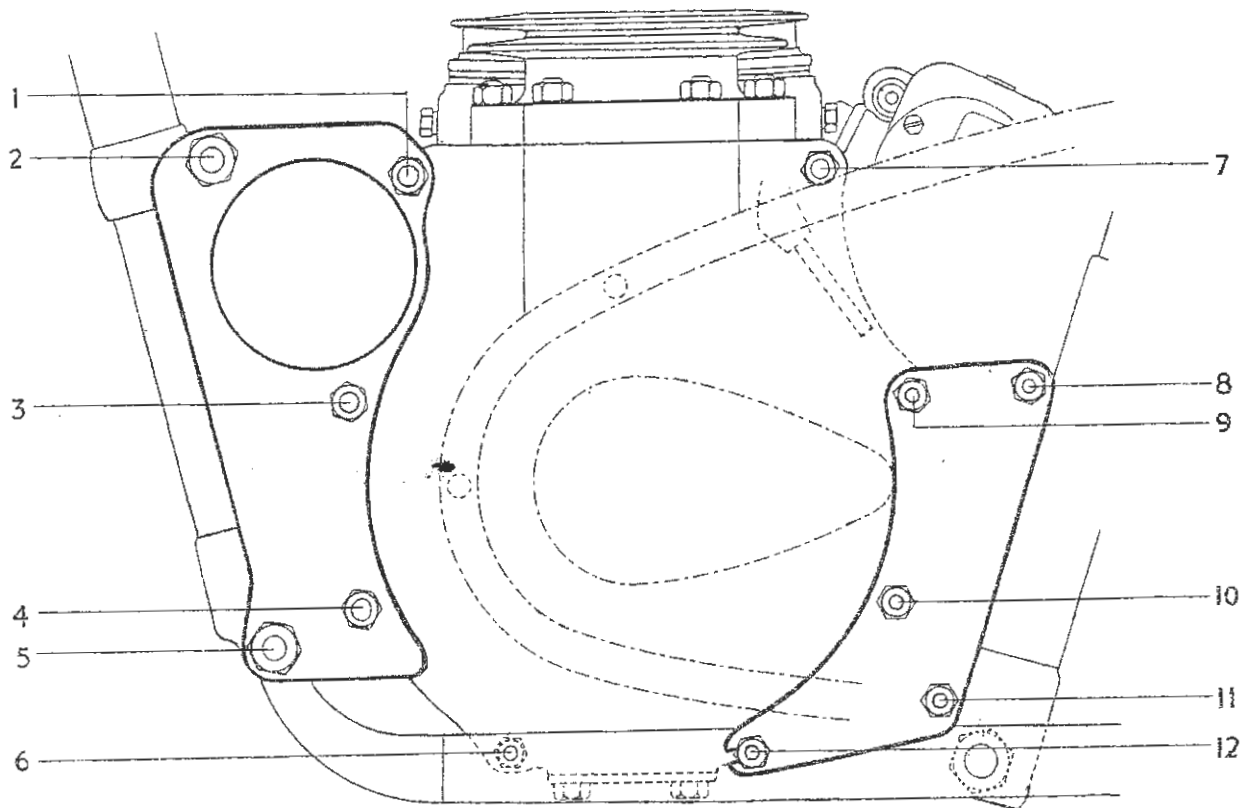
| REF. No. | PART No. | DESCRIPTION                           | 3T | 5T | T100 | 6T |
|----------|----------|---------------------------------------|----|----|------|----|
| 1        | E2222    | Plate, engine front N.S.              | —  | 1  | 1    | 1  |
| 2        | E2223    | Plate, " " O.S.                       | —  | 1  | 1    | 1  |
| 3        | E2235    | Plate, " " " " " "                    | 2  | —  | —    | —  |
| 4        | F1811    | Plate, " rear N.S.                    | —  | 1  | 1    | 1  |
| 5        | F1811A   | Plate, " " O.S.                       | —  | 1  | 1    | 1  |
| 6        | F2392    | Plate, " " N.S.                       | 1  | —  | —    | —  |
| 7        | F2396    | Plate, " " O.S.                       | 1  | —  | —    | —  |
| 8        | F1117    | Dowel, " " " plate                    | 2  | 2  | 2    | 2  |
| 9        | F2275    | Cover, " plate front                  | —  | 1  | 1    | 1  |
| 10       | F2395    | Cover, " " " " " "                    | 1  | —  | —    | —  |
| 11       | F2414    | Stud, engine plate to frame front top | —  | 1  | 1    | 1  |
| 12       | E1023    | Stud, " " " " " " " "                 | 1  | —  | —    | —  |
| 13       | DS47     | Nut, " " " " " " stud                 | —  | 2  | 2    | 2  |
| 14       | PO172A   | Nut, " " " " " " " "                  | 2  | —  | —    | —  |
| 15       | PCW73A   | Washer, " " " " " " " "               | —  | 2  | 2    | 2  |
| 16       | S26-1    | Washer, " " " " " " " "               | 2  | —  | —    | —  |
| 17       | F1680    | Stud, " " " " " " bottom              | —  | 1  | 1    | 1  |
| 18       | F1711    | Stud, " " " " " " bottom              | 1  | —  | —    | —  |
| 19       | DS47     | Nut, " " " " " " stud                 | —  | 2  | 2    | 2  |
| 20       | PO172A   | Nut, " " " " " " stud                 | 2  | —  | —    | —  |
| 21       | PCW73A   | Washer, " " " " " " stud              | —  | 2  | 2    | 2  |
| 22       | S26-1    | Washer, " " " " " " " "               | 2  | —  | —    | —  |
| 23       | F1711    | Stud, " " " crankcase front           | —  | 3  | 3    | 3  |
| 24       | E925     | Stud, " " " " " " " "                 | 3  | —  | —    | —  |
| 25       | PO172A   | Nut, " " " " " " stud                 | —  | 6  | 6    | 6  |
| 26       | S1-51    | Nut, " " " " " " " "                  | 6  | —  | —    | —  |
| 27       | S26-1    | Washer, " " " " " " " "               | —  | 6  | 6    | 6  |
| 28       | S25-3    | Washer, " " " " " " " "               | 6  | —  | —    | —  |
| 29       | F839     | Stud, crankcase and frame rear        | —  | 5  | 5    | 5  |
| 30       | E654     | Stud, " " " " " " " "                 | 5  | —  | —    | —  |
| 31       | PO172A   | Nut, " " " " " " stud                 | —  | 10 | 10   | 10 |
| 32       | S1-51    | Nut, " " " " " " " "                  | 10 | —  | —    | —  |
| 33       | S26-1    | Washer, " " " " " " " "               | —  | 10 | 10   | 10 |
| 34       | S26-3    | Washer, " " " " " " " "               | 10 | —  | —    | —  |

## BATTERY CARRIER GROUP

|    |         |   |   |   |   |   |
|----|---------|---|---|---|---|---|
| 35 | F2876   | Carrier assembly, battery ... ..          | 1 | 1 | 1 | 1 |
| 36 | F2877/8 | Base and back assembly, carrier ... ..    | 1 | 1 | 1 | 1 |
| 37 | E534    | Swivel, carrier strap (plain hole) ... .. | 1 | 1 | 1 | 1 |
| 38 | E535    | Swivel, " " (tapped hole) ... ..          | 1 | 1 | 1 | 1 |
| 39 | E536    | Bolt, " " swivel ... ..                   | 1 | 1 | 1 | 1 |
| 40 | F1667   | Strap, " top ... ..                       | 1 | 1 | 1 | 1 |
| 41 | F1668   | Strap, " front ... ..                     | 1 | 1 | 1 | 1 |
| 42 | F1727   | Pin, " strap hinge ... ..                 | 2 | 2 | 2 | 2 |
| 43 | F1682   | Stud, " to seat tube boss ... ..          | 1 | 1 | 1 | 1 |
| 44 | SI-51   | Nut, " " " " " stud ... ..                | 1 | 1 | 1 | 1 |
| 45 | F1715   | Bolt, " " primary cover ... ..            | 2 | 2 | 2 | 2 |

ALWAYS QUOTE PART NUMBER

# CRANKCASE FRAME STUDS, BOLTS AND WASHERS



## INDEX

### 350 c.c.

|             |                             |                          |    |                             |                          |                    |                           |                          |
|-------------|-----------------------------|--------------------------|----|-----------------------------|--------------------------|--------------------|---------------------------|--------------------------|
| 1, 3, 4 & 6 | E.925<br>S.1-51<br>S.25-3   | Stud.<br>Nut.<br>Washer. | 5. | F.1711<br>PO.172A<br>S.26-1 | Stud.<br>Nut.<br>Washer. | 8, 9, 10 & 11 & 12 | E.654<br>S.1-51<br>S.26-3 | Stud.<br>Nut.<br>Washer. |
| 2.          | E.1023<br>PO.172A<br>S.26-1 | Stud.<br>Nut.<br>Washer  | 7. | E.1555<br>S.25-3            | Bolt.<br>Washer.         |                    |                           |                          |

### 500 c.c. and 650 c.c.

|         |                             |                          |    |                            |                          |                     |                            |                          |
|---------|-----------------------------|--------------------------|----|----------------------------|--------------------------|---------------------|----------------------------|--------------------------|
| 1, 3, 4 | F.1711<br>PO.172A<br>S.26-1 | Stud.<br>Nut.<br>Washer. | 5. | F.1680<br>DS.47<br>PCW.73A | Stud.<br>Nut.<br>Washer. | 7.                  | E.1555<br>S.25-3           | Bolt.<br>Washer.         |
| 2.      | F.2414<br>DS.47<br>PCW.73A  | Stud.<br>Nut.<br>Washer. | 6. | T.456<br>S.1-51<br>S.25-3  | Stud.<br>Nut.<br>Washer. | 8, 9, 10 & 11 & 12. | PO.172A<br>F.839<br>S.26-1 | Nut.<br>Stud.<br>Washer. |

FOR IDENTIFICATION OF PARTS SEE PAGE 10, FOR INSTRUCTIONS

# FRONT FORK GROUP

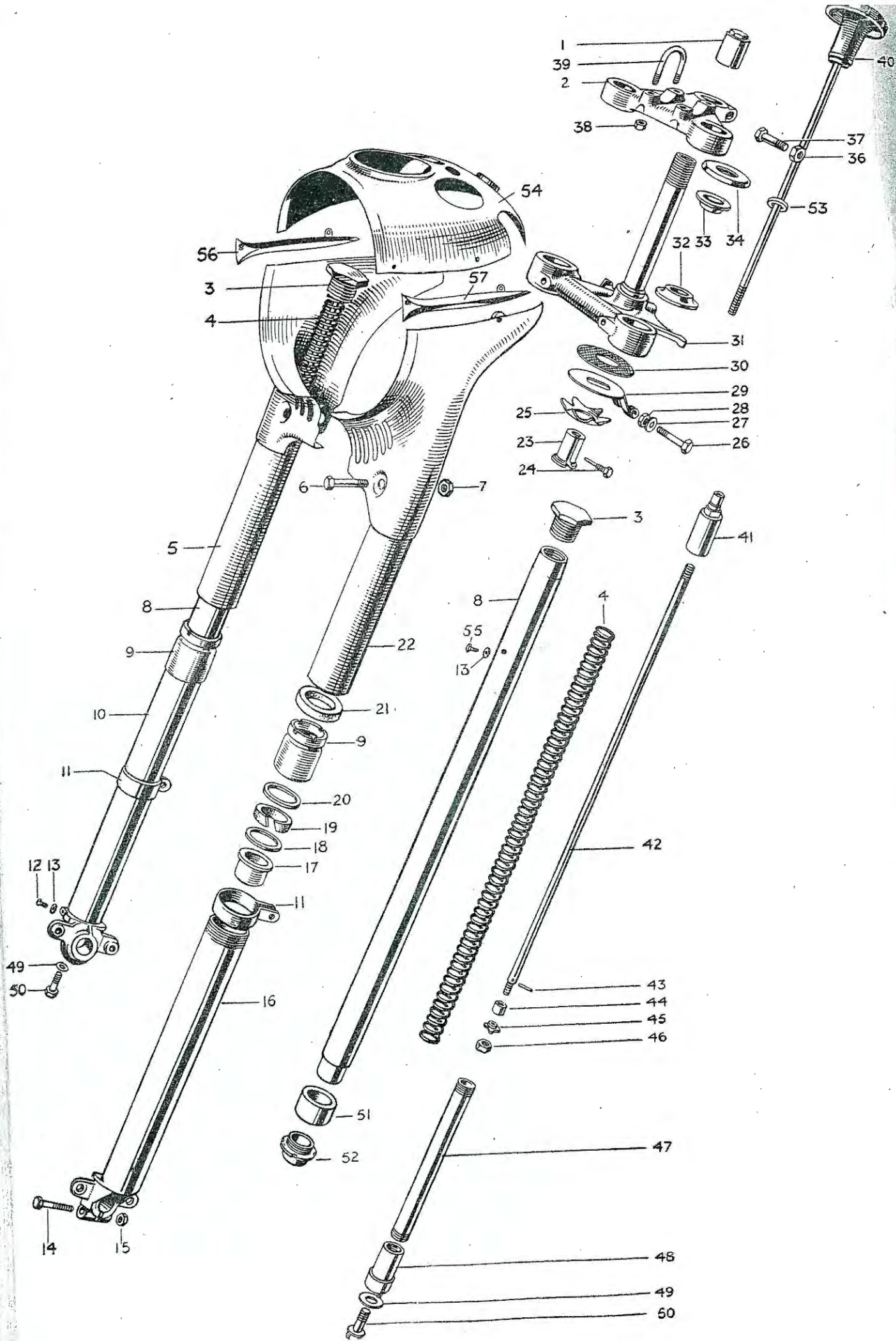
R

| REF. No.            | PART No. | DESCRIPTION  | 3T | 5T | T100 | 6T |
|---------------------|----------|--|----|----|------|----|
| FRONT FORK ASSEMBLY |          |  |    |    |      |    |
| 1                   | H709     | Fork assembly ... ..                                       | 1  | —  | —    | —  |
| 2                   | H692     | " " " " " " " " " " " "                                    | —  | 1  | 1    | 1  |
| 3                   | H663A    | Lug, fork head top ... ..                                  | 1  | 1  | 1    | 1  |
| 4                   | F1760    | Bolt, head top lug pinch ... ..                            | 1  | 1  | 1    | 1  |
| 5                   | H379     | Nut, " " " " bolt ... ..                                   | 1  | 1  | 1    | 1  |
| 6                   | H660     | "U" bolt, handlebar clamp ... ..                           | 2  | 2  | 2    | 2  |
| 7                   | S25-3    | Washer, " " " " " " " " " "                                | 4  | 4  | 4    | 4  |
| 8                   | S1-51    | Nut, " " " " " " " " " "                                   | 4  | 4  | 4    | 4  |
| 9                   | H695     | Crown and stem, fork ... ..                                | 1  | 1  | 1    | 1  |
| 10                  | H404     | Nut, crown and stem sleeve ... ..                          | 1  | —  | —    | —  |
| 11                  | H405     | Nut, " " " " " " " " " "                                   | —  | 1  | 1    | 1  |
| 12                  | H570     | Bolt, " " " " to stanchion pinch ...                       | 2  | 2  | 2    | 2  |
| 13                  | H518     | Nut, " " " " " " " " pinch bolt                            | 2  | 2  | 2    | 2  |
| 14                  | S25-3    | Washer, " " " " " " " " " "                                | 2  | 2  | 2    | 2  |
| 15                  | H656     | Cover, nacelle N.S. ... ..                                 | 1  | 1  | 1    | 1  |
| 16                  | H657     | Cover, " O.S. ... ..                                       | 1  | 1  | 1    | 1  |
| 17                  | H618     | Top unit, nacelle ... ..                                   | 1  | 1  | 1    | 1  |
| 18                  | H669     | Grommet, handlebar rubber ... ..                           | 2  | 2  | 2    | 2  |
| 19                  | H689     | Screw, top unit to bottom unit ... ..                      | 2  | 2  | 2    | 2  |
| 20                  | H691     | Nut for H689 ... ..  | 2  | 2  | 2    | 2  |
| 21                  | E2880    | Washer, for H691 ... ..                                    | 2  | 2  | 2    | 2  |
| 22                  | H623     | Motif (flash) N.S. ... ..                                  | 1  | 1  | 1    | 1  |
| 23                  | H624     | Motif " O.S. ... ..  | 1  | 1  | 1    | 1  |
| 24                  | H688     | Screw, motif front ... ..                                  | 2  | 2  | 2    | 2  |
| 25                  | H691     | Nut, " " " " " " " " " "                                   | 2  | 2  | 2    | 2  |
| 26                  | E2880    | Washer, for H691 ... ..                                    | 2  | 2  | 2    | 2  |
| 27                  | H687     | Screw, top unit to bottom unit ... ..                      | 2  | 2  | 2    | 2  |
| 28                  | H420     | Washer, cover tube felt ... ..                             | 2  | 2  | 2    | 2  |
| 29                  | H414     | Cover tube bottom, c/w wheel spindle lug N.S.              | 1  | 1  | 1    | 1  |
| 30                  | H415     | Cover " " " " " " " " " "                                  | 1  | 1  | 1    | 1  |
| 31                  | H519     | Plug, cover tube bottom drain ... ..                       | 2  | 2  | 2    | 2  |
| 32                  | H430     | Washer, cover tube bottom drain plug ...                   | 2  | 2  | 2    | 2  |
| 33                  | F1760    | Bolt, N.S. cover tube bottom wheel lug pinch               | 1  | 1  | 1    | 1  |
| 34                  | H379     | Nut, N.S. cover tube bottom wheel lug bolt                 | 1  | 1  | 1    | 1  |
| 35                  | H390     | Sleeve, cover tube bottom dust excluder ...                | 2  | 2  | 2    | 2  |
| 36                  | H391     | Washer, cover tube bottom dust excluder sleeve felt ... .. | 2  | 2  | 2    | 2  |
| 37                  | H445     | Washer, inner retaining for H391 ... ..                    | 2  | 2  | 2    | 2  |
| 38                  | H431     | Washer, outer " " " " " " " " " "                          | 2  | 2  | 2    | 2  |
| 39                  | H441     | Bearing, bottom cover tube ... ..                          | 2  | 2  | 2    | 2  |
| 40                  | H382A    | Stanchion ... ..   | 2  | 2  | 2    | 2  |
| 41                  | H519A    | Plug, stanchion oil filler ... ..                          | 2  | 2  | 2    | 2  |
| 42                  | H430     | Washer, " " " " " " " " " "                                | 2  | 2  | 2    | 2  |

ALL GOODS SENT TO WORKS MUST BE CARRIAGE PAID







# STAND GROUP

| REF. No.    | PART No. | DESCRIPTION                            | 3T | 5T | T100 | 6T |
|-------------|----------|--|----|----|------|----|
| FRONT STAND |          |  |    |    |      |    |
| 1           | H412     | Stand assembly, front ...              | 1  | 1  | 1    | 1  |
| 2           | DS55     | Bolt, front stand to guard ...         | 1  | 1  | 1    | 1  |
| 3           | SI-51    | Nut, " " " " ...                       | 1  | 1  | 1    | 1  |
| 4           | NS362    | Nut, " " " " spigot ...                | 1  | 1  | 1    | 1  |
| 5           | H424     | Screw, " " " " pivot ...               | 2  | 2  | 2    | 2  |
| 6           | S25-3    | Washer, plain stand to guard pivot ... | 2  | 2  | 2    | 2  |
| 7           | H425     | Washer, spring " " " " ...             | 2  | 2  | 2    | 2  |

## REAR STAND

|    |       |                         |   |   |   |   |
|----|-------|-------------------------|---|---|---|---|
| 8  | F1834 | Rear stand assembly ... | 1 | 1 | 1 | 1 |
| 9  | F975A | Spring, rear stand ...  | 1 | 1 | 1 | 1 |
| 10 | F977  | Bolt, " " pivot ...     | 2 | 2 | 2 | 2 |
| 11 | W630  | Nut, " " " bolt ...     | 2 | 2 | 2 | 2 |
| 12 | F976  | Washer, " " " " ...     | 2 | 2 | 2 | 2 |

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| Illust. No. | Part No. | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
|-------------|----------|------|------|-------------|----------|------|------|
| 1           | H.405    | 50   | 11   | 29          | H.413    | 51   | 36   |
|             | H.404    | 50   | 10   | 30          | H.435    | 51   | 41   |
| 2           | H.663A   | 50   | 3    | 31          | H.695    | 50   | 9    |
| 3           | H.432A   | 51   | 1    | 32          | H.439    | 51   | 25   |
| 4           | H.384    | 51   | 5    |             | XS.8     | 51   | 26   |
|             | H.505    | 51   | 6    | 33          | H.438    | 51   | 23   |
|             | H.385    | 51   | 4    |             | H.433    | 51   | 24   |
| 5           | H657     | 50   | 16   | 34          | H.407    | 51   | 31   |
| 6           | H.570    | 50   | 12   |             | H.406    | 51   | 30   |
| 7           | H.518    | 50   | 13   | 36          | H.379    | 50   | 5    |
| 8           | H.382A   | 50   | 40   | 37          | F.1760   | 50   | 4    |
| 9           | H.390    | 50   | 35   | 38          | S.I-51   | 50   | 8    |
| 10          | H.415    | 50   | 30   | 39          | H.660    | 50   | 6    |
| 11          | H.428    | 61   | 7    | 40          | H.536    | 51   | 32   |
| 12          | H.519    | 50   | 31   | 41          | H.397    | 51   | 15   |
| 13          | H.430    | 50   | 32   | 42          | H.399A   | 51   | 8    |
| 14          | F.1760   | 50   | 33   | 43          | H.454    | 51   | 11   |
| 15          | H.379    | 50   | 34   | 44          | H.453    | 51   | 10   |
| 16          | H.414    | 50   | 29   | 45          | H.452    | 51   | 9    |
| 17          | H.441    | 50   | 39   | 46          | F.879    | 51   | 12   |
| 18          | H.431    | 50   | 38   | 47          | H.394    | 51   | 13   |
| 19          | H.391    | 50   | 36   | 48          | H.395    | 51   | 14   |
| 20          | H.445    | 50   | 37   | 49          | E.1335   | 51   | 18   |
| 21          | H.420    | 50   | 28   | 50          | H.398    | 51   | 17   |
| 22          | H.656    | 50   | 15   | 51          | H.443    | 51   | 2    |
| 23          | H.408    | 51   | 34   | 52          | H.444    | 51   | 3    |
| 24          | H.409    | 51   | 35   | 53          | H.565    | 51   | 33   |
| 25          | H.95     | 51   | 42   | 54          | H.618    | 50   | 17   |
| 26          | F.1718   | 51   | 38   | 55          | H.519A   | 50   | 41   |
| 27          | S.25-3   | 51   | 40   | 56          | H.624    | 50   | 23   |
| 28          | S.I-51   | 51   | 39   | 57          | H.623    | 50   | 22   |

FOR IDENTIFICATION OF PARTS SEE PAGE 10 FOR INSTRUCTIONS



## WHEELS

NOTE. Spokes with specially angled heads ensures very sturdy wheel construction.  
To maintain this condition, state clearly when ordering sundry spokes :—

- (a) Side of wheel, i.e., brake side or reverse ; N/S or O/S.
- (b) Whether head of spoke is toward or away from wheel centre.  
 83° towards centre      90° away from centre  
 88° towards centre      94° away from centre

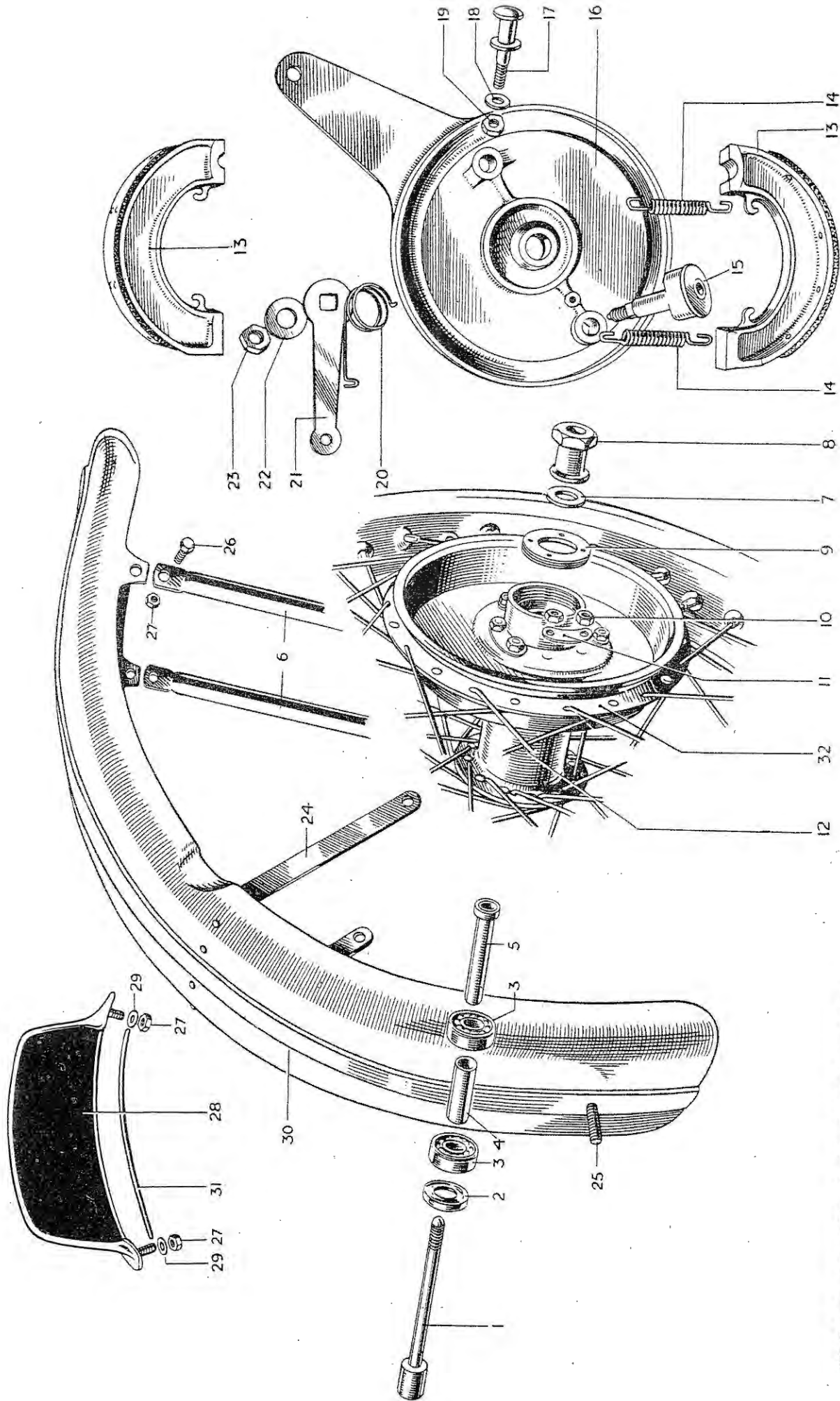
### FRONT WHEEL GROUP

| REF No. | PART No. | DESCRIPTION  | 3T | 5T | T100 | 6T |
|---------|----------|--|----|----|------|----|
| 1       | W571     | Wheel, front complete ... ..                                   | 1  | 1  | 1    | 1  |
| 2       | W572     | Wheel, front less bearing and brake assembly                   | 1  | 1  | 1    | 1  |
| 3       | W351     | Rim, front wheel ... ..  | 1  | 1  | 1    | 1  |
| 4       | W662     | Spoke, short $6\frac{13}{32}$ " $\times$ 10G $\times$ 83° O.S. | 10 | 10 | 10   | 10 |
| 5       | W663     | Spoke, short $6\frac{13}{32}$ " $\times$ 10G $\times$ 94° O.S. | 10 | 10 | 10   | 10 |
| 6       | W660     | Spoke, long $8\frac{11}{32}$ " $\times$ 10G $\times$ 88° N.S.  | 10 | 10 | 10   | 10 |
| 7       | W661     | Spoke, long $8\frac{11}{32}$ " $\times$ 10G $\times$ 90° N.S.  | 10 | 10 | 10   | 10 |
| 8       | S79-2    | Nipple, spoke ... ..   | 40 | 40 | 40   | 40 |
| 9       | W573A    | Hub, shell assembly ... ..                                     | 1  | 1  | 1    | 1  |
| 10      | W576     | Drum, brake assembly ... ..                                    | 1  | 1  | 1    | 1  |
| 11      | W62      | Bolt, brake drum ... ..  | 8  | 8  | 8    | 8  |
| 12      | S1-51    | Nut, brake drum bolt ... ..                                    | 8  | 8  | 8    | 8  |
| 13      | W63      | Lockplate, brake drum nut ... ..                               | 8  | 8  | 8    | 8  |
| 14      | W578     | Spindle, front wheel hub ... ..                                | 1  | 1  | 1    | 1  |
| 15      | W761     | Sleeve and collar, front wheel spindle                         | 1  | 1  | 1    | 1  |
| 16      | W544     | Nut, " " " " " "   | 1  | 1  | 1    | 1  |
| 17      | W545     | Washer, " " " " " "  | 1  | 1  | 1    | 1  |
| 18      | W653     | Bearing, front wheel ball ... ..                               | 2  | 2  | 2    | 2  |
| 19      | W581     | Distance piece, ball bearing ... ..                            | 1  | 1  | 1    | 1  |
| 20      | W582     | Ring, ball bearing retaining ... ..                            | 1  | 1  | 1    | 1  |
| 21      | W583     | Cap, ball bearing dust ... ..                                  | 1  | 1  | 1    | 1  |

### INDEX TO ILLUSTRATION ON PAGE 55

| Illust. No. | Part No. | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
|-------------|----------|------|------|-------------|----------|------|------|
| 1           | W.578    | 54   | 14   | 17          | W.588    | 56   | 2    |
| 2           | W.583    | 54   | 21   | 18          | S.25-2   | 56   | 4    |
| 3           | W.653    | 54   | 18   | 19          | PO.172A  | 56   | 3    |
| 4           | W.581    | 54   | 19   | 20          | W.592    | 56   | 13   |
| 5           | W.761    | 54   | 15   | 21          | W.589    | 56   | 10   |
| 6           | H.569    | 61   | 2    | 22          | S.25-6   | 56   | 12   |
| 7           | W.545    | 54   | 17   | 23          | S.1-52   | 56   | 11   |
| 8           | W.544    | 54   | 16   | 24          | H.427    | 61   | 6    |
| 9           | W.582    | 54   | 20   | 25          | DS.55    | 53   | 2    |
| 10          | S.1-51   | 54   | 12   | 26          | DS.57    | 61   | 3    |
| 11          | W.63     | 54   | 13   | 27          | F.879    | 61   | 4    |
| 12          | W.573A   | 54   | 9    | 28          | F.2698   | 64   | 6    |
| 13          | W.93     | 56   | 5    | 29          | S.26-2   | 64   | 8    |
| 14          | W.135    | 56   | 8    | 30          | H.566    | 61   | 1    |
| 15          | W.386A   | 56   | 9    | 31          | H.251    | 64   | 9    |
| 16          | W.585    | 56   | 1    |             |          |      |      |

THE PARAGRAPH ABOVE ON SPOKE HEAD ANGLES IS IMPORTANT



FRONT WHEEL AND MUDGUARD  
ARRANGEMENT



### FRONT WHEEL BRAKE

|    |        |   |    |    |    |    |
|----|--------|---|----|----|----|----|
| 1  | W585   | Plate, front brake anchor ... ..                                      | 1  | 1  | 1  | 1  |
| 2  | W.588  | Pin, ,, ,, shoe fulcrum ... ..  | 1  | 1  | 1  | 1  |
| 3  | PO172A | Nut, ,, ,, ,, ,, pin ... ..   | 1  | 1  | 1  | 1  |
| 4  | S25-2  | Washer, ,, ,, ,, ,, ,, ... ..   | 1  | 1  | 1  | 1  |
| 5  | W93    | Shoe, ,, ,, with lining ... ..  | 2  | 2  | 2  | 2  |
| 6  | NW243  | Lining, ,, ,, shoe ... ..   | 2  | 2  | 2  | 2  |
| 7  | W129   | Rivets, shoe lining ... ..  | 16 | 16 | 16 | 16 |
| 8  | W135   | Spring, brake shoe return ... ..                                      | 2  | 2  | 2  | 2  |
| 9  | W386A  | Cam assembly, brake ... ..  | 1  | 1  | 1  | 1  |
| 10 | W589   | Lever, front brake cam ... ..   | 1  | 1  | 1  | 1  |
| 11 | SI-52  | Nut, ,, ,, ,, lever ... ..  | 1  | 1  | 1  | 1  |
| 12 | S25-6  | Washer, ,, ,, ,, ,, nut ... ..  | 1  | 1  | 1  | 1  |
| 13 | W592   | Spring, ,, ,, ,, ,, return ... ..                                     | 1  | 1  | 1  | 1  |
| 14 | WF32   | Pin, ,, ,, lever pivot ... ..   | 1  | 1  | 1  | 1  |
|    |        | Split pin, pivot pin $\frac{1}{16}$ " $\times$ $\frac{1}{2}$ " ... .. | 1  | 1  | 1  | 1  |

### REAR WHEEL GROUP

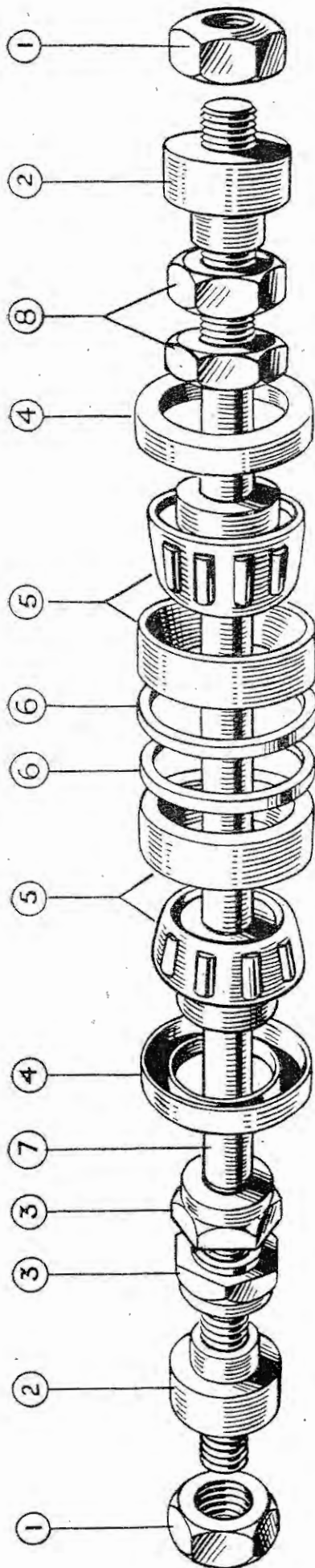
|    |         |  |    |    |    |    |
|----|---------|--|----|----|----|----|
| 15 | W863    | Wheel, rear complete ... ..  | 1  | 1  | 1  | 1  |
| 16 | W860    | Wheel, rear less bearing and brake assembly                          | 1  | 1  | 1  | 1  |
| 17 | W79A    | Rim, rear wheel ... ..   | 1  | 1  | 1  | 1  |
| 18 | †NW125X | Spoke, $8\frac{3}{4}$ " $\times$ 9G $\times$ 100°, N.S. and O.S. ... | 20 | 20 | 20 | 20 |
| 19 | *NW125  | Spoke, $8\frac{3}{4}$ " $\times$ 9G $\times$ 76°, N.S. and O.S. ...  | 20 | 20 | 20 | 20 |
| 20 | TW5     | Nipple, spoke ... ..   | 40 | 40 | 40 | 40 |
| 21 | W861    | Hub, shell assembly ... ..   | 1  | 1  | 1  | 1  |
| 22 | W311    | Drum, rear brake ... ..  | 1  | 1  | 1  | 1  |
| 23 | W62     | Bolt, rear hub to brake drum ... ..                                  | 8  | 8  | 8  | 8  |
| 24 | SI-51   | Nut, hub to brake drum bolt ... ..                                   | 8  | 8  | 8  | 8  |
| 25 | W63     | Lockplate, nut to brake drum bolt ... ..                             | 8  | 8  | 8  | 8  |
| 26 | W61     | Spindle, rear wheel hub ... ..                                       | 1  | 1  | 1  | 1  |
| 27 | TS42    | Nut, ,, ,, ,, ... ..   | 2  | 2  | 2  | 2  |
| 28 | W7A     | Bearing, rear wheel ball ... ..                                      | 2  | 2  | 2  | 2  |
| 29 | NW.225  | Ring, bearing backing ... ..   | 2  | 2  | 2  | 2  |
| 30 | W12     | Cap, bearing dust ... ..   | 2  | 2  | 2  | 2  |
| 31 | W6      | Collar, taking thrust to chain adjuster ...                          | 2  | 2  | 2  | 2  |
| 32 | W4      | Nut, rear bearing adjusting lock ... ..                              | 2  | 2  | 2  | 2  |
| 33 | W56     | Sprocket, rear chain wheel 46T ... ..                                | 1  | 1  | 1  | 1  |
| 34 | W64     | Bolt, ,, ,, ,, sprocket ... ..                                       | 8  | 8  | 8  | 8  |
| 35 | E2312   | Washer, ,, ,, ,, ,, s'proof 8  | 8  | 8  | 8  | 8  |
| 36 | D106    | Bolt, tyre security ... ..   | 1  | 1  | 1  | 1  |

†Spoke head towards centre.

\*Spoke head away from centre.

**SERVICE RELINED BRAKE SHOES  
ENSURE 100% BRAKING EFFICIENCY**





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| Illust. No. | Part No. | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
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| 1           | TS.42    | 56   | 27   | 5           | W.7A     | 56   | 28   |
| 2           | W.6      | 56   | 31   | 6           | NW.225   | 56   | 29   |
| 3           | W.5      | 58   | 3    | 7           | W.61     | 56   | 26   |
| 4           | W.12     | 56   | 30   | 8           | W.4      | 56   | 32   |

## REAR WHEEL (RIGID) AXLE ASSEMBLY

### REAR WHEEL BRAKE

|    |       |  |    |    |    |    |
|----|-------|--|----|----|----|----|
| 1  | W765A | Plate, rear brake anchor c/w brake shoes ... | 1  | 1  | 1  | 1  |
| 2  | W762  | Plate, rear brake anchor ...                 | 1  | 1  | 1  | 1  |
| 3  | W5    | Locknut, rear brake anchor plate ...         | 2  | 2  | 2  | 2  |
| 4  | W764  | Thrower, rear brake drum ...                 | 1  | 1  | 1  | 1  |
| 5  | W93   | Shoe assembly, rear with lining ...          | 2  | 2  | 2  | 2  |
| 6  | NW243 | Lining, rear brake shoe ...                  | 2  | 2  | 2  | 2  |
| 7  | W129  | Rivet, brake shoe lining ...                 | 16 | 16 | 16 | 16 |
| 8  | W135  | Spring, brake shoe return ...                | 2  | 2  | 2  | 2  |
| 9  | W856  | Cam assembly, rear brake ...                 | 1  | 1  | 1  | 1  |
| 10 | W74A  | Lever, rear brake cam ...                    | 1  | 1  | 1  | 1  |
| 11 | SI-52 | Nut, " " " lever ...                         | 1  | 1  | 1  | 1  |
| 12 | W123  | Spring, " " " return ...                     | 1  | 1  | 1  | 1  |

### REAR SPRING WHEEL GROUP

#### MARK I

|    |          |   |             |    |    |    |
|----|----------|---|-------------|----|----|----|
| 13 | W879     | Wheel, complete ...                     | —           | 1  | 1  | 1  |
| 14 | W877     | Wheel, " ...                            | 1           | —  | —  | —  |
| 15 | W645     | Wheel, less internals ...               | 1           | 1  | 1  | 1  |
| 16 | W643     | Rim ...                                 | 1           | 1  | 1  | 1  |
| 17 | W644     | Spoke ...                               | 40          | 40 | 40 | 40 |
| 18 | S79-2    | Nipple, spoke ...                       | 40          | 40 | 40 | 40 |
| 19 | W600     | Hub, shell assembly ...                 | 1           | 1  | 1  | 1  |
| 20 | W859     | Drum, sprocket and brake ...            | 1           | 1  | 1  | 1  |
| 21 | W641     | Bolt, brake drum ...                    | 8           | 8  | 8  | 8  |
| 22 | F879     | Nut, brake drum bolt ...                | 8           | 8  | 8  | 8  |
| 23 | W642     | Lockplate, brake drum bolt ...          | 4           | 4  | 4  | 4  |
| 24 | W611     | Race, outer ...                         | 2           | 2  | 2  | 2  |
| 25 | W610     | Race, inner ...                         | 2           | 2  | 2  | 2  |
| 26 | W609     | Ball, race caged assembly ...           | 2           | 2  | 2  | 2  |
| 27 | W601     | Plate, hub shell bearing end ...        | 1           | 1  | 1  | 1  |
| 28 | W744     | Shim, end plate ...                     | 9           | 9  | 9  | 9  |
| 29 | W640     | Bolt, end plate to hub shell ...        | 10          | 10 | 10 | 10 |
| 30 | E2312    | Washer, end plate to hub shell bolt ... | 10          | 10 | 10 | 10 |
| 31 | F879     | Nut, end plate to hub shell bolt ...    | 10          | 10 | 10 | 10 |
| 32 | W884     | Plunger guide box assembly ...          | 1           | 1  | 1  | 1  |
| 33 | W602A/3A | Box, plunger guide ...                  | 1           | 1  | 1  | 1  |
| 34 | W885     | Pad, front slipper (convex) ...         | 2           | 2  | 2  | 2  |
| 35 | W886     | Pad, rear slipper (concave) ...         | 2           | 2  | 2  | 2  |
| 36 | W866     | Shim, slipper pad, .002" thick ...      | As required |    |    |    |
| 37 | W867     | Shim, slipper pad, .003" thick ...      | " "         |    |    |    |
| 38 | W638     | Screw, slipper pads ...                 | 8           | 8  | 8  | 8  |
| 39 | E1562    | Bolt, plunger guide box ...             | 2           | 2  | 2  | 2  |

SEE SUPPLEMENT for MARK II SPRING WHEEL which is identified by two screws securing dust excluder on anchor plate side which are not fitted to the Mark I.

STATE FRAME NUMBER FOR SPRING WHEEL SPARES

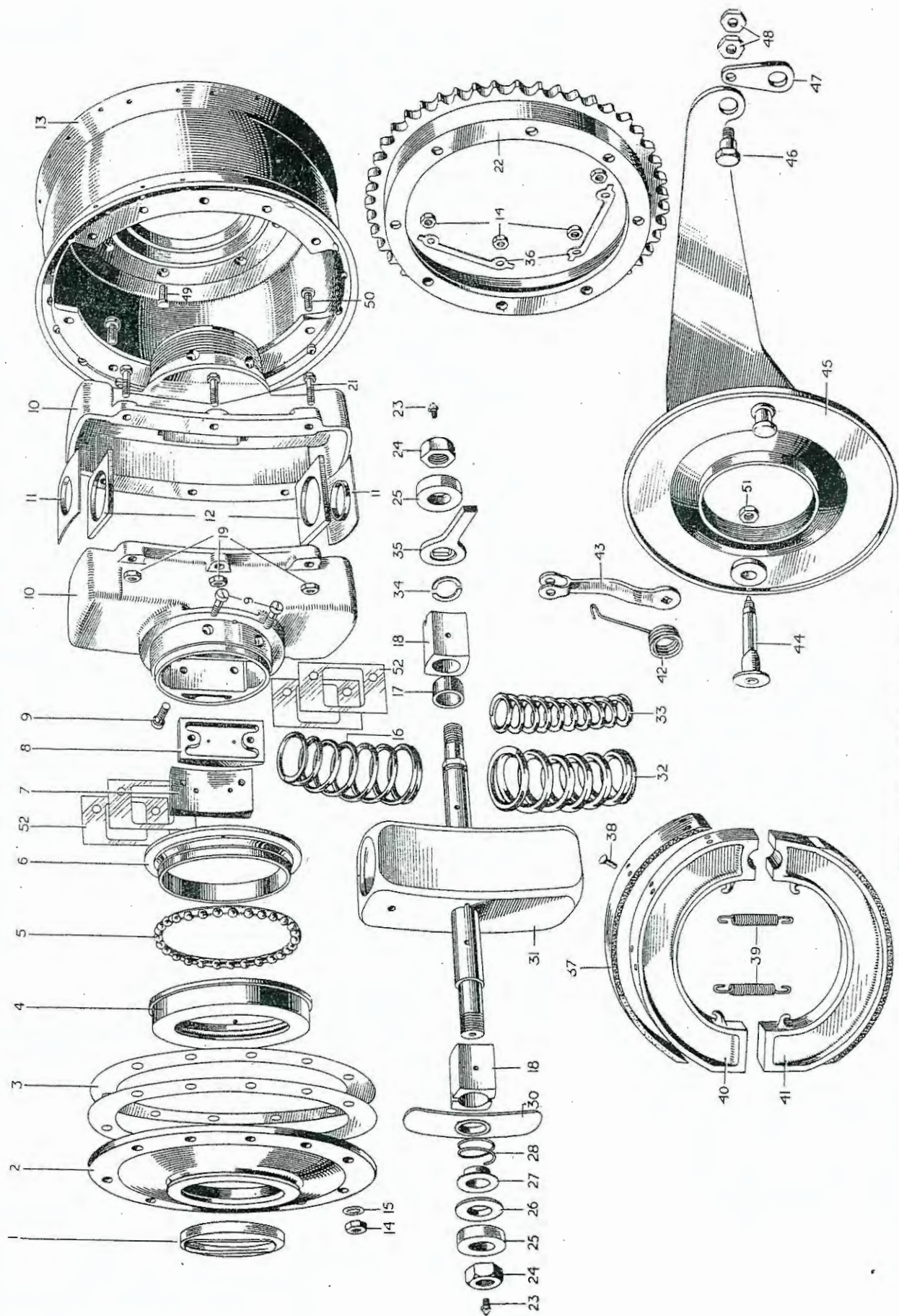
| REF. No. | PART No. | DESCRIPTION                              | 3T | 5T | T100 | 6T |
|----------|----------|--|----|----|------|----|
| 1        | T450     | Bolt, clamp, plunger guide box ...       | 4  | 4  | 4    | 4  |
| 2        | E2312    | Washer, plunger guide box bolt ...       | 6  | 6  | 6    | 6  |
| 3        | SI-40    | Nut, plunger guide box bolt ...          | 6  | 6  | 6    | 6  |
| 4        | W791A    | Axle and guide ...                       | 1  | 1  | 1    | 1  |
| 5        | W616     | Block, slipper ...                       | 2  | 2  | 2    | 2  |
| 6        | NW100    | Nipple, grease ...                       | 2  | 2  | 2    | 2  |
| 7        | W766     | Sleeve, block to axle guide distance ... | 1  | 1  | 1    | 1  |
| 8        | W837     | Spring, inner main ...                   | 1  | 1  | 1    | 1  |
| 9        | W836     | Spring, outer main ...                   | 1  | 1  | 1    | 1  |
| 10       | W890     | Spring rebound ...                       | 1  | 1  | 1    | 1  |
| 11       | W658A    | Buffer, plunger ...                      | 2  | 2  | 2    | 2  |
| 12       | W664A    | Locator plate, spring ...                | 2  | 2  | 2    | 2  |
| 13       | W639     | Lever, axle shaft anchorage ...          | 1  | 1  | 1    | 1  |
| 14       | W634     | Circlip, axle shaft, split ...           | 2  | 2  | 2    | 2  |
| 15       | W798     | Collar, axle shaft distance O.S. ...     | 1  | 1  | 1    | 1  |
| 16       | W633     | Collar, axle shaft ...                   | 2  | 2  | 2    | 2  |
| 17       | W635     | Nut, axle shaft ...                      | 2  | 2  | 2    | 2  |
| 18       | W849     | Ring, dust excluder fixing ...           | 2  | 2  | 2    | 2  |
| 19       | W794     | Plate, dust excluder ...                 | 2  | 2  | 2    | 2  |
| 20       | W799     | Spring, „ „ ...                          | 2  | 2  | 2    | 2  |
| 21       | W797     | Sleeve, „ „ centre ...                   | 2  | 2  | 2    | 2  |

#### REAR SPRING WHEEL BRAKE

|    |                       |  |    |    |    |    |
|----|-----------------------|--|----|----|----|----|
| 22 | W620                  | Plate, brake anchor ...                | —  | 1  | 1  | 1  |
| 23 | W853                  | Plate, „ „ ...                         | 1  | —  | —  | —  |
| 24 | W617                  | Shoe c/w lining, trailing brake ...    | 1  | 1  | 1  | 1  |
| 25 | W618                  | Shoe „ „ leading „ ...                 | 1  | 1  | 1  | 1  |
| 26 | W631                  | Lining, brake ...                      | 2  | 2  | 2  | 2  |
| 27 | W129                  | Rivets, brake lining ...               | 16 | 16 | 16 | 16 |
| 28 | W135                  | Spring, brake shoe return ...          | 2  | 2  | 2  | 2  |
| 29 | W856                  | Cam, brake assembly ...                | 1  | 1  | 1  | 1  |
| 30 | W74A                  | Lever, brake cam ...                   | 1  | 1  | 1  | 1  |
| 31 | SI-52                 | Nut, brake cam lever ...               | 1  | 1  | 1  | 1  |
| 32 | W123                  | Spring, brake cam return ...           | 1  | 1  | 1  | 1  |
| 33 | W626                  | Link, brake anchorage ...              | —  | 1  | 1  | 1  |
| 34 | W855                  | Link, „ „ ...                          | 1  | —  | —  | —  |
| 35 | W784                  | Bolt, brake anchorage link ...         | 1  | 1  | 1  | 1  |
| 36 | W630                  | Locknut, brake anchorage bolt ...      | 2  | 2  | 2  | 2  |
| 37 | W743                  | Nut, brake pedal spindle ...           | 1  | 1  | 1  | 1  |
| 38 | $\frac{3}{32}$ " x 1" | Split pin, brake pedal spindle nut ... | 1  | 1  | 1  | 1  |
| 39 | F1015B                | Rod, brake operating ...               | —  | 1  | 1  | 1  |
| 40 | F1015C                | Rod, „ „ ...                           | 1  | —  | —  | —  |
| 41 | D106                  | Bolt, tyre security ...                | 1  | 1  | 1  | 1  |

STATE FRAME NUMBER FOR SPRING WHEEL SPARES





TRIUMPH SPRING WHEEL MARK I

# MUDGUARD GROUP

| REF. No.       | PART No. | DESCRIPTION                         | 3T  | 5T | T100 | 6T |
|----------------|----------|-------------------------------------|-----|----|------|----|
| FRONT MUDGUARD |          |                                     |     |    |      |    |
| 1              | H566     | Mudguard assembly, less front stays | ... | 1  | 1    | 1  |
| 2              | H569     | Stay, mudguard front                | ... | 2  | 2    | 2  |
| 3              | DS57     | Bolt, " " stay                      | ... | 2  | 2    | 2  |
| 4              | F879     | " " " "                             | ... | 2  | 2    | 2  |
| 5              | E1612    | Washer, " " "                       | ... | 2  | 2    | 2  |
| 6              | H427     | Bridge, " " support                 | ... | 1  | 1    | 1  |
| 7              | H428     | Clip, " " bridge                    | ... | 2  | 2    | 2  |
| 8              | H426     | Bolt, clip, N.S.                    | ... | 1  | 1    | 1  |
| 9              | H451     | Bolt, clip, O.S.                    | ... | 1  | 1    | 1  |
| 10             | PO172A   | Nut, clip bolt                      | ... | 2  | 2    | 2  |
| 11             | S26-1    | Washer, clip bolt                   | ... | 2  | 2    | 2  |
| 12             | F929     | Bolt, mudguard stay to fork end     | ... | 2  | 2    | 2  |
| 13             | S26-3    | Washer, " " " "                     | ... | 2  | 2    | 2  |

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| Illust. No. | Part No.  | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
|-------------|-----------|------|------|-------------|----------|------|------|
| 1           | W.849     | 59   | 18   | 30          | W.794    | 59   | 19   |
| 2           | W.601     | 58   | 27   | 31          | W.791A   | 59   | 4    |
| 3           | W.744     | 58   | 28   | 32          | W.836    | 59   | 9    |
| 4           | W.611     | 58   | 24   | 33          | W.837    | 59   | 8    |
| 5           | W.609     | 58   | 26   | 34          | W.634    | 59   | 14   |
| 6           | W.610     | 58   | 25   | 35          | W.639    | 59   | 13   |
| 7           | W.886     | 58   | 35   | 36          | W.642    | 58   | 23   |
| 8           | W.885     | 58   | 34   | 37          | W.631    | 59   | 26   |
| 9           | W.638     | 58   | 38   | 38          | W.129    | 59   | 27   |
| 10          | W.602A/3A | 58   | 33   | 39          | W.135    | 59   | 28   |
| 11          | W.664A    | 59   | 12   | 40          | W.618    | 59   | 25   |
| 12          | W.658A    | 59   | 11   | 41          | W.617    | 59   | 24   |
| 13          | W.600     | 58   | 19   | 42          | W.123    | 59   | 32   |
| 14          | F.879     | 58   | 22   | 43          | W.74A    | 59   | 30   |
| 15          | E.2312    | 58   | 30   | 44          | W.856    | 59   | 29   |
| 16          | W.890     | 59   | 10   | 45          | W.620    | 59   | 22   |
| 17          | W.766     | 59   | 7    |             | W.853    | 59   | 23   |
| 18          | W.616     | 59   | 5    | 46          | W.784    | 59   | 35   |
| 19          | S.1-40    | 59   | 3    | 47          | W.626    | 59   | 33   |
| 21          | T.450     | 59   | 1    |             | W.855    | 59   | 34   |
| 22          | W.859     | 58   | 20   | 48          | W.630    | 59   | 36   |
| 23          | NW.100    | 59   | 6    | 49          | W.641    | 58   | 21   |
| 24          | W.635     | 59   | 17   | 50          | W.640    | 58   | 29   |
| 25          | W.633     | 59   | 16   | 51          | S.1-52   | 59   | 31   |
| 26          | W.798     | 59   | 15   | 52          | W.866    | 58   | 36   |
| 27          | W.797     | 59   | 21   |             | W.867    | 58   | 37   |
| 28          | W.799     | 59   | 20   |             |          |      |      |

FOR IDENTIFICATION OF PARTS SEE PAGE 10 FOR INSTRUCTIONS



| REF. No.           | PART No. | DESCRIPTION                               | 3T | 5T | T100 | 6T |
|--------------------|----------|---|----|----|------|----|
| REAR MUDGUARD (3T) |          |   |    |    |      |    |
| 1                  | F1722    | Mudguard assembly, rear ...               | 1  | —  | —    | —  |
| 2                  | F1723A   | Tailguard, rear mudguard ...              | 1  | —  | —    | —  |
| 3                  | DS57     | Bolt, tailguard fixing ...                | 2  | —  | —    | —  |
| 4                  | PF204    | Clip, mudguard to frame ...               | 2  | —  | —    | —  |
| 5                  | F444     | Plate backing, to clip ...                | 2  | —  | —    | —  |
| 6                  | S23-42   | Screw, fixing plate to clip ...           | 4  | —  | —    | —  |
| 7                  | S25-1    | Washer, plate to clip screw ...           | 4  | —  | —    | —  |
| 8                  | F1087    | Stay, tailguard ...                       | 1  | —  | —    | —  |
| 9                  | F1369    | Bolt, tailguard to stay ...               | 2  | —  | —    | —  |
| 10                 | F879     | Nut, tailguard to stay bolt ...           | 2  | —  | —    | —  |
| 11                 | S26-2    | Washer, tailguard to stay bolt ...        | 2  | —  | —    | —  |
| 12                 | F1088    | Stay, mudguard front ...                  | 1  | —  | —    | —  |
| 13                 | F1088A   | Stay, „ middle ...                        | 1  | —  | —    | —  |
| 14                 | F946     | Stud, mudguard stay to frame junction ... | 2  | —  | —    | —  |
| 15                 | F947     | Nut, for junction stud ...                | 2  | —  | —    | —  |
| 16                 | S25-65   | Washer, for junction stud ...             | 2  | —  | —    | —  |
| 17                 | NF733    | Handle, lifting ...                       | 2  | —  | —    | —  |
| 18                 | F929     | Bolt, lifting handle ...                  | 4  | —  | —    | —  |

#### REAR MUDGUARD (5T, T100 and 6T)

|    |        |                                   |   |   |   |   |
|----|--------|-----------------------------------|---|---|---|---|
| 19 | F2756  | Mudguard, front section ...       | — | 1 | 1 | 1 |
| 20 | F3012  | Mudguard, rear section ...        | — | 1 | 1 | 1 |
| 21 | F2761  | Stay, centre, N.S. ...            | — | 1 | 1 | 1 |
| 22 | F2763  | Stay, „ O.S. ...                  | — | 1 | 1 | 1 |
| 23 | F2764  | Stay, rear ...                    | — | 2 | 2 | 2 |
| 24 | F2335  | Bolt, stay to mudguard ...        | — | 4 | 4 | 4 |
| 25 | E2287  | Washer, stay to mudguard bolt ... | — | 4 | 4 | 4 |
| 26 | S1-51  | Nut, stay to mudguard bolt ...    | — | 4 | 4 | 4 |
| 27 | PF204  | Clip, mudguard to frame ...       | — | 1 | 1 | 1 |
| 28 | F444   | Plate backing, to clip ...        | — | 1 | 1 | 1 |
| 29 | S25-1  | Washer, backing plate ...         | — | 2 | 2 | 2 |
| 30 | S23-42 | Bolt, backing plate ...           | — | 2 | 2 | 2 |

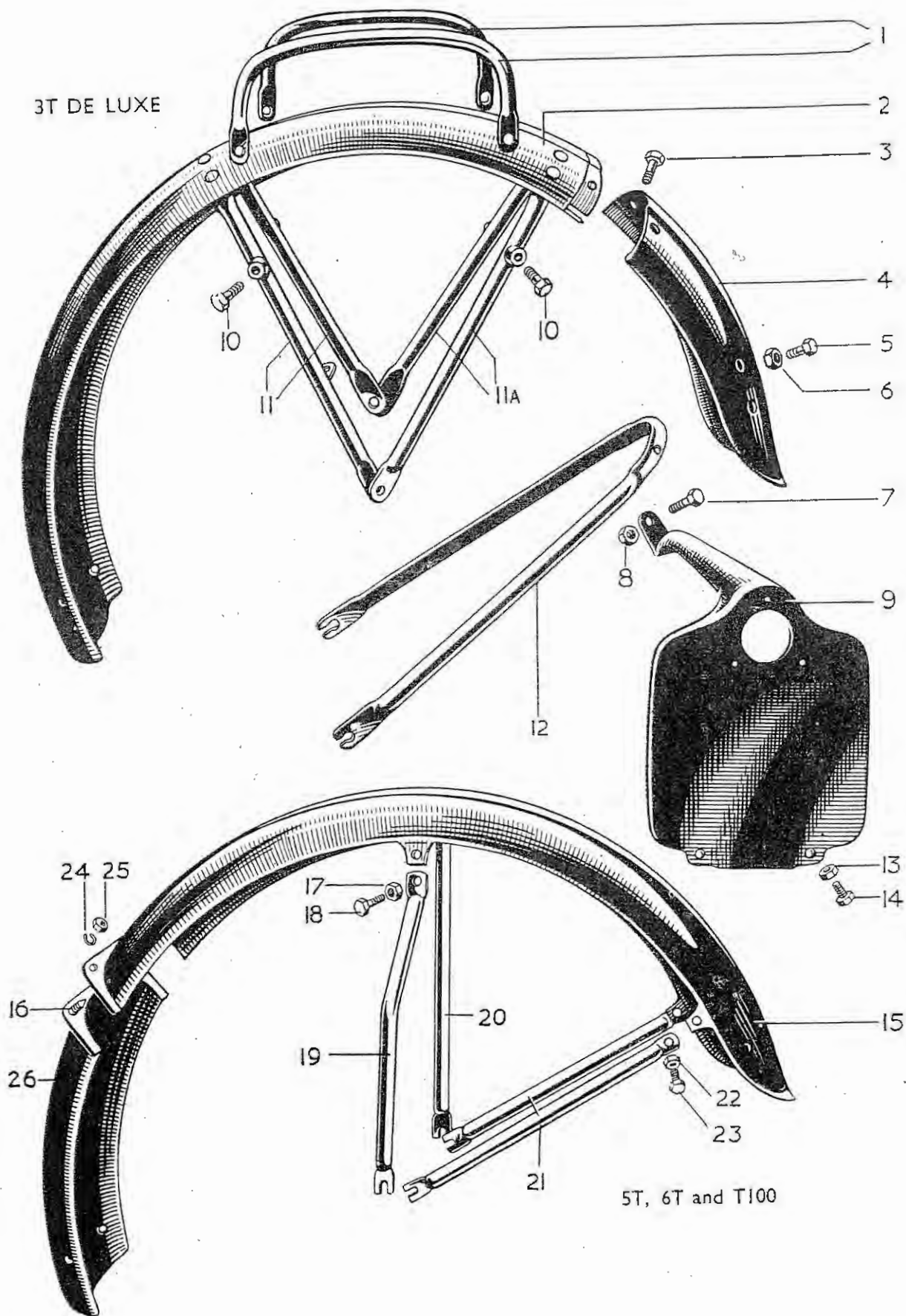
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| 1           | NF.733   | 62   | 17   | 14          | F.1369   | 64   | 14   |
| 2           | F.1722   | 62   | 1    | 15          | F.3012   | 62   | 20   |
| 3           | DS.57    | 62   | 3    | 16          | F.2908   | 64   | 1    |
| 4           | F.1723A  | 62   | 2    | 17          | S.1-51   | 62   | 26   |
| 5           | F.1369   | 64   | 14   | 18          | F.2335   | 62   | 24   |
| 6           | F.879    | 64   | 15   | 19          | F.2761   | 62   | 21   |
| 7           | F.929    | 64   | 11   | 20          | F.2763   | 62   | 22   |
| 8           | S.1-51   | 64   | 12   | 21          | F.2764   | 62   | 23   |
| 9           | F.2728   | 64   | 10   | 22          | S.1-51   | 62   | 26   |
| 10          | F.929    | 62   | 18   | 23          | F.2335   | 62   | 24   |
| 11          | F.1088   | 62   | 12   | 24          | F.1720   | 64   | 2    |
| 11A         | F.1088A  | 62   | 13   | 25          | S.26-2   | 64   | 3    |
| 12          | F.1087   | 62   | 8    | 26          | F.2756   | 62   | 19   |
| 13          | F.879    | 64   | 15   |             |          |      |      |

FOR IDENTIFICATION OF PARTS SEE PAGE 10 FOR INSTRUCTIONS



3T DE LUXE



5T, 6T and T100

REAR MUDGUARDS

| REF. No. | PART No. | DESCRIPTION                            | 3T  | 5T | T100 | 6T |
|----------|----------|--|-----|----|------|----|
| 1        | F2908    | Stud, mudguard front to rear section   | ... | 2  | 2    | 2  |
| 2        | E1720    | Nut, rear frame to mudguard stay       | ... | 2  | 2    | 2  |
| 3        | S26-2    | Washer, mudguard front to rear section | ... | 2  | 2    | 2  |
| 4        | E579     | Bolt, rear frame to mudguard stay      | ... | 2  | 2    | 2  |
| 5        | S26-2    | Washer for E579                        | ... | 2  | 2    | 2  |

## NUMBER PLATE GROUP

### FRONT NUMBER PLATE

|   |       |  |     |   |   |   |
|---|-------|--|-----|---|---|---|
| 6 | F2698 | Plate assembly, front number (casting) | ... | 1 | 1 | 1 |
| 7 | F879  | Nut, number plate stud                 | ... | 2 | 2 | 2 |
| 8 | S26-2 | Washer, " " " "                        | ... | 2 | 2 | 2 |
| 9 | H251  | Beading, " " " base                    | ... | 1 | 1 | 1 |

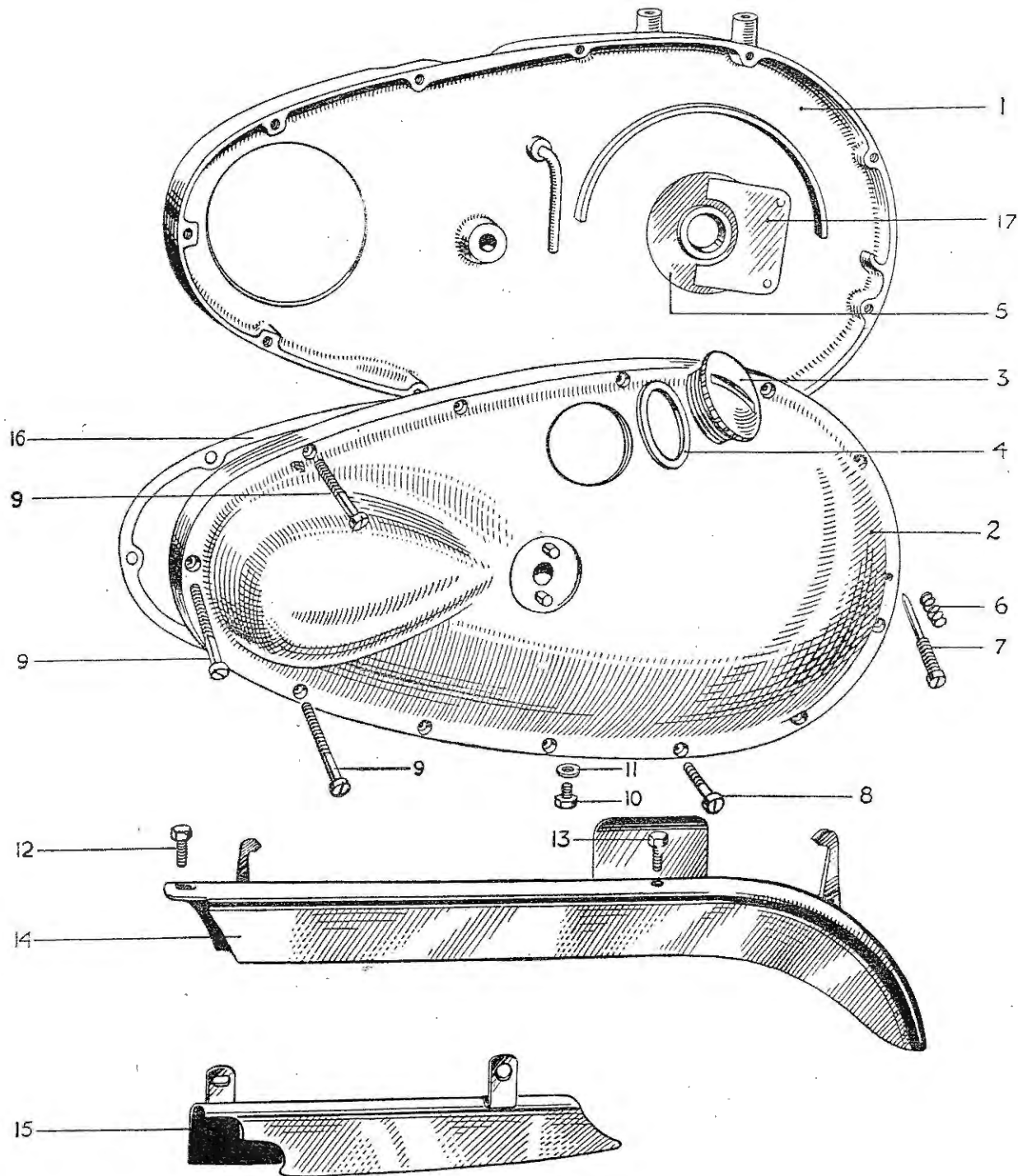
### REAR NUMBER PLATE

|    |       |                                |     |   |   |   |
|----|-------|--------------------------------|-----|---|---|---|
| 10 | F2728 | Plate, rear number             | ... | 1 | 1 | 1 |
| 11 | F929  | Bolt, number plate top fixing  | ... | 1 | 1 | 1 |
| 12 | S1-51 | Nut, " " " " bolt              | ... | 1 | 1 | 1 |
| 13 | S26-3 | Washer, " " " " " "            | ... | 1 | 1 | 1 |
| 14 | F1369 | Bolt, " " bottom fixing        | ... | 2 | 2 | 2 |
| 15 | F879  | Nut, " " " " bolt              | ... | 2 | 2 | 2 |
| 16 | S26-2 | Washer, " " " " " "            | ... | 2 | 2 | 2 |
| 17 | D68A  | Transfer, " " (blue and white) | ... | — | — | — |
| 18 | D68   | Transfer, " " (gold and white) | ... | 1 | 1 | 1 |

## PRIMARY CHAINCASE GROUP

|    |         |                            |     |   |   |   |
|----|---------|----------------------------|-----|---|---|---|
| 19 | T478A   | Cover, chaincase outer     | ... | 1 | — | — |
| 20 | T480A   | Cover, " " "               | ... | — | 1 | 1 |
| 21 | NT367   | Plug, " oil filler         | ... | 1 | 1 | 1 |
| 22 | NT376   | Washer, " " " plug         | ... | 1 | 1 | 1 |
| 23 | PCE102F | Plug, " drain              | ... | 1 | 1 | 1 |
| 24 | WE170   | Washer, " " plug           | ... | 1 | 1 | 1 |
| 25 | NT316   | Dowel, " (footrest)        | ... | 2 | 2 | 2 |
| 26 | T725    | Cover, " inner             | ... | 1 | — | — |
| 27 | T483A   | Cover, " " "               | ... | — | 1 | 1 |
| 28 | T484    | Plate, " oil retainer      | ... | 1 | 1 | 1 |
| 29 | T91     | Plate, " " " spring        | ... | 1 | 1 | 1 |
| 30 | T177A   | Rivets, " " " plate        | ... | 2 | 2 | 2 |
| 31 | T496    | Adjuster, rear chain oiler | ... | 1 | 1 | 1 |
| 32 | T497    | Spring, " " " adjuster     | ... | 1 | 1 | 1 |

TREASURY NOTES MUST BE REGISTERED



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| 1           | T.725    | 64   | 26   | 10          | PCE.102F | 64   | 23   |
|             | T.483A   | 64   | 27   | 11          | WE.170   | 64   | 24   |
| 2           | T.478A   | 64   | 19   | 12          | S.23-37  | 66   | 12   |
|             | T.480A   | 64   | 20   | 13          | DS.57    | 66   | 11   |
| 3           | NT.367   | 64   | 21   | 14          | T.148A   | 66   | 10   |
| 4           | NT.376   | 64   | 22   |             | T.766    | 66   | 8    |
| 5           | T.484    | 64   | 28   |             | T.987    | 66   | 9    |
| 6           | T.497    | 64   | 32   | 15          | F.1730   | 66   | 14   |
| 7           | T.496    | 64   | 31   | 16          | T.503    | 66   | 2    |
| 8           | E.427    | 66   | 5    |             | T.504    | 66   | 1    |
| 9           | E.329    | 66   | 7    | 17          | T.91     | 64   | 29   |
|             | E2691    | 66   | 6    |             |          |      |      |



| REF. No. | PART No. | DESCRIPTION                              | 3T | 5T | T100 | 6T |
|----------|----------|--|----|----|------|----|
| 1        | T504     | Washer, chaincase joint ... ..           | —  | 1  | 1    | 1  |
| 2        | T503     | Washer, " " " " ... ..                   | 1  | —  | —    | —  |
| 3        | T87      | Distance piece, chain cover to frame ... | —  | 1  | 1    | 1  |
| 4        | T200     | Distance piece, " " " " ...              | 1  | —  | —    | —  |
| 5        | E427     | Screw, chaincase cover (short) ...       | 9  | 9  | 9    | 9  |
| 6        | E2691    | Screw, " " (long) ...                    | —  | 3  | 3    | 3  |
| 7        | E329     | Screw, " " ( " ) ...                     | 3  | —  | —    | —  |

REI

## CHAINGUARD GROUP

|    |        |  |             |   |   |   |
|----|--------|--|-------------|---|---|---|
| 8  | T766   | Chainguard, rear upper ... ..                            | —           | 1 | 1 | 1 |
| 9  | T987   | Chainguard, rear upper (for Stop Lamp attachment) ... .. | As required |   |   |   |
| 10 | T148A  | Chainguard, rear upper ... ..                            | 1           | — | — | — |
| 11 | DS57   | Bolt, chainguard fixing, rear upper ...                  | 1           | 1 | 1 | 1 |
| 12 | S23-37 | Bolt, " " front upper ...                                | 1           | 1 | 1 | 1 |
| 13 | S25-1  | Washer, " bolt ... ..                                    | 2           | 2 | 2 | 2 |
| 14 | F1730  | Chainguard, rear lower ... ..                            | 1           | 1 | 1 | 1 |
| 15 | F1369  | Bolt, chainguard lower front ... ..                      | 1           | 1 | 1 | 1 |
| 16 | F879   | Nut, " " " bolt ... ..                                   | 1           | 1 | 1 | 1 |
| 17 | S26-2  | Washer, " " " bolt ... ..                                | 1           | 1 | 1 | 1 |
| 18 | F1760  | Bolt, " " " bolt ... ..                                  | 1           | 1 | 1 | 1 |
| 19 | SI-52  | Nut, " " " bolt ... ..                                   | 1           | 1 | 1 | 1 |

## CHAIN GROUP

|    |            |                                    |   |   |   |   |
|----|------------|------------------------------------|---|---|---|---|
| 20 | DI20       | Chain, primary 78L (solo) ... ..   | — | 1 | 1 | 1 |
| 21 | DI21       | Chain, " 77L (sidecar) ... ..      | — | 1 | 1 | — |
| 22 | T376       | Chain, " 74L ... ..                | 1 | — | — | — |
| 23 | D40        | Chain, " 80L (sidecar) ... ..      | — | — | — | 1 |
| 24 | DI16       | Chain, rear 93L ... ..             | — | 1 | 1 | 1 |
| 25 | D69        | Chain, " 90L ... ..                | 1 | — | — | — |
| 26 | I10-046/49 | Kit, primary chain spare parts ... | 1 | 1 | 1 | 1 |
| 27 | I10-056/59 | Kit, rear " " " " ... ..           | 1 | 1 | 1 | 1 |

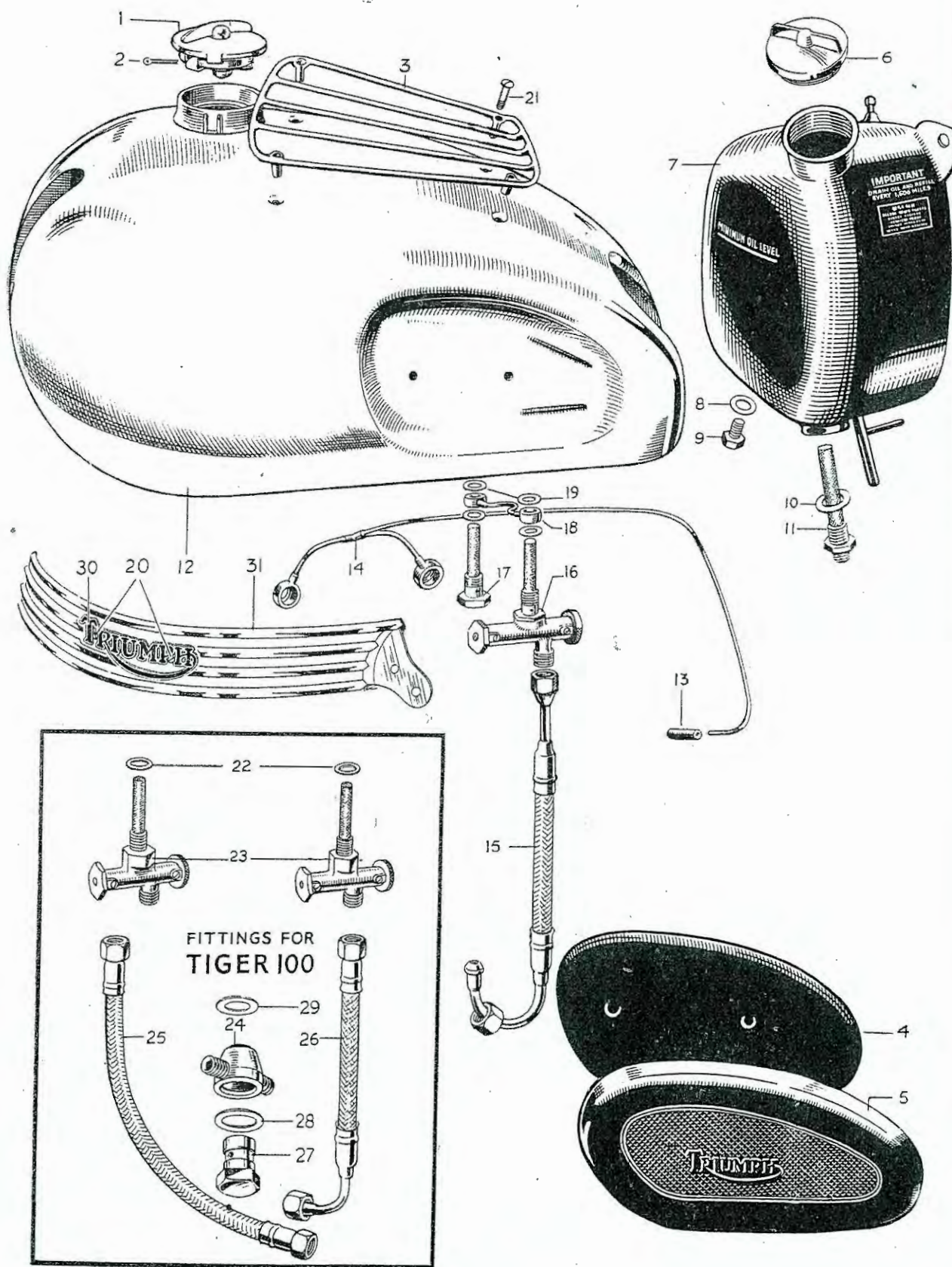
SEE SPECIMEN ORDER IN PREFACE

# TANK GROUP

| REF. No.  | PART No. | DESCRIPTION                                     | 3T | 5T | T100 | 6T |
|---|----------|---|----|----|------|----|
| PETROL TANK   |          |   |    |    |      |    |
| NOTE. When ordering always state colour and model type. |          |   |    |    |      |    |
| 1   | F2964PR  | Tank, petrol. Less fittings ...                 | —  | 1  | —    | —  |
| 2   | F2964PS  | Tank, „ „ „ ...                                 | —  | —  | 1    | —  |
| 3   | F2966PB  | Tank, „ „ „ ...                                 | 1  | —  | —    | —  |
| 4   | F2964TB  | Tank, „ „ „ ...                                 | —  | —  | —    | 1  |
| 5   | F1034    | Cap, tank filler ...                            | 1  | 1  | 1    | 1  |
|   |          | Split pin, filler cap 1" x $\frac{3}{32}$ " ... | 1  | 1  | 1    | 1  |
| 6   | F3080    | Band, petrol tank styling N.S. ...              | —  | 1  | 1    | 1  |
| 7   | F3081    | Band, „ „ „ O.S. ...                            | —  | 1  | 1    | 1  |
| 8   | F3083    | Band, „ „ „ N.S. ...                            | 1  | —  | —    | —  |
| 9   | F3084    | Band, „ „ „ O.S. ...                            | 1  | —  | —    | —  |
| 10  | F1823A   | Nameplate, petrol tank ...                      | —  | 2  | —    | —  |
| 11  | F1823    | Nameplate, „ „ ...                              | —  | —  | 2    | —  |
| 12  | F1823C   | Nameplate, „ „ ...                              | 2  | —  | —    | —  |
| 13  | F1823D   | Nameplate, „ „ ...                              | —  | —  | —    | 2  |
| 14  | F3113    | Screw, name plate ...                           | 4  | 4  | 4    | 4  |
| 15  | F2124    | Tap, petrol feed ...                            | —  | 1  | —    | 1  |
| 16  | F1717    | Tap, „ „ ...                                    | 1  | —  | 2    | —  |
| 17  | F1511    | Washer, petrol feed tap ...                     | 2  | 2  | 4    | 2  |
| 18  | F1721    | “U” pipe, connecting ...                        | 1  | —  | —    | —  |
| 19  | F2120    | Pipe, connecting ...                            | —  | 1  | —    | 1  |
| 20  | F2593    | Adaptor, „ pipe ...                             | —  | 1  | —    | 1  |
| 21  | GS367    | Washer, „ „ ...                                 | —  | 3  | —    | 3  |
| 22  | F3060    | Pipe, petrol feed ...                           | —  | 1  | —    | 1  |
| 23  | F3059    | Pipe, „ „ ...                                   | 1  | —  | —    | —  |
| 24  | F2918    | Pipe, „ „ N.S. ...                              | —  | —  | 1    | —  |
| 25  | F2919    | Pipe, „ „ O.S. ...                              | —  | —  | 1    | —  |
| 26  | F2958    | Adaptor, carburettor to petrol pipe ...         | —  | —  | 1    | —  |
| 27  | GS367    | Washer, „ „ „ „ adaptor ...                     | —  | —  | 1    | —  |
| 28  | E2570    | Washer, sleeve nut to adaptor ...               | —  | —  | 1    | —  |
| 29  | F2959    | Sleeve nut, adaptor ...                         | —  | —  | 1    | —  |
| 30  | F2551    | Pad, knee grip, N.S. ...                        | —  | 1  | 1    | 1  |
| 31  | F2552    | Pad, „ „ O.S. ...                               | —  | 1  | 1    | 1  |
| 32  | F1606    | Pad, „ „ N.S. ...                               | 1  | —  | —    | —  |
| 33  | F1605    | Pad, „ „ O.S. ...                               | 1  | —  | —    | —  |
| 34  | F1607    | Plate, „ „ N.S. ...                             | 1  | —  | —    | —  |
| 35  | F1607A   | Plate, „ „ O.S. ...                             | 1  | —  | —    | —  |
| 36  | F1953    | Screw, „ „ pad (rear) ...                       | —  | 2  | 2    | 2  |
| 37  | F3082    | Screw, „ „ „ (front) ...                        | —  | 2  | 2    | 2  |
| 38  | T361     | Screw, „ „ „ ...                                | 4  | —  | —    | —  |
| 39  | S25-1    | Washer, knee grip pad (rear) ...                | —  | 2  | 2    | 2  |
| 40  | F1813    | Washer, „ „ „ (front) ...                       | —  | 2  | 2    | 2  |
| 41  | F966     | Bolt, petrol tank fixing (rear) ...             | 4  | 2  | 2    | 2  |

ALWAYS GIVE COLOUR WHEN ORDERING





PETROL AND OIL TANKS WITH FITTINGS



| REF. No. | PART No. | DESCRIPTION                          | 3T | 5T | T100 | 6T |
|----------|----------|--------------------------------------|----|----|------|----|
| 1        | F1808    | Bolt, petrol tank fixing (front) ... | —  | 2  | 2    | 2  |
| 2        | S25-27   | Washer, petrol tank fixing bolt ...  | 4  | 4  | 4    | 4  |
| 3        | F967     | Pad, petrol tank rubber ...          | 8  | 6  | 6    | 6  |
| 4        | F1813    | Pad, „ „ „ (front) ...               | —  | 2  | 2    | 2  |

### TANK PARCEL GRID

|   |        |                       |   |   |   |   |
|---|--------|-----------------------|---|---|---|---|
| 5 | F2933  | Grid, tank parcel ... | 1 | 1 | 1 | 1 |
| 6 | F2936  | Screw „ „ grid ...    | 4 | 4 | 4 | 4 |
| 7 | F3026* | Plug, „ „ „ screw ... | 4 | 4 | 4 | 4 |

\*To replace F2936 when grid is not in use.

### OIL TANK

|    |        |  |   |   |   |   |
|----|--------|--|---|---|---|---|
| 8  | F1645A | Tank, oil ...                                  | 1 | 1 | 1 | 1 |
| 9  | E370A  | Cap, oil tank filler ...                       | 1 | 1 | 1 | 1 |
| 10 | E1331  | Washer, oil tank filler cap ...                | 1 | 1 | 1 | 1 |
| 11 | F1792  | Plug, „ „ drain ...                            | 1 | 1 | 1 | 1 |
| 12 | PT104B | Washer, „ „ plug ...                           | 1 | 1 | 1 | 1 |
| 13 | F3077  | Connection, oil tank vent (rubber) ...         | 1 | 1 | 1 | 1 |
| 14 | F3076  | Pipe, oil tank vent (copper) ...               | — | 1 | 1 | 1 |
| 15 | F3076A | Pipe, „ „ „ „ ...                              | 1 | — | — | — |
| 16 | F929   | Bolt, „ „ to bridge clip ...                   | 1 | 1 | 1 | 1 |
| 17 | F1213  | Bolt, „ „ „ seat tube clip ...                 | 1 | 1 | 1 | 1 |
| 18 | F1335  | Distance piece, oil tank to seat tube bolt ... | 1 | 1 | 1 | 1 |

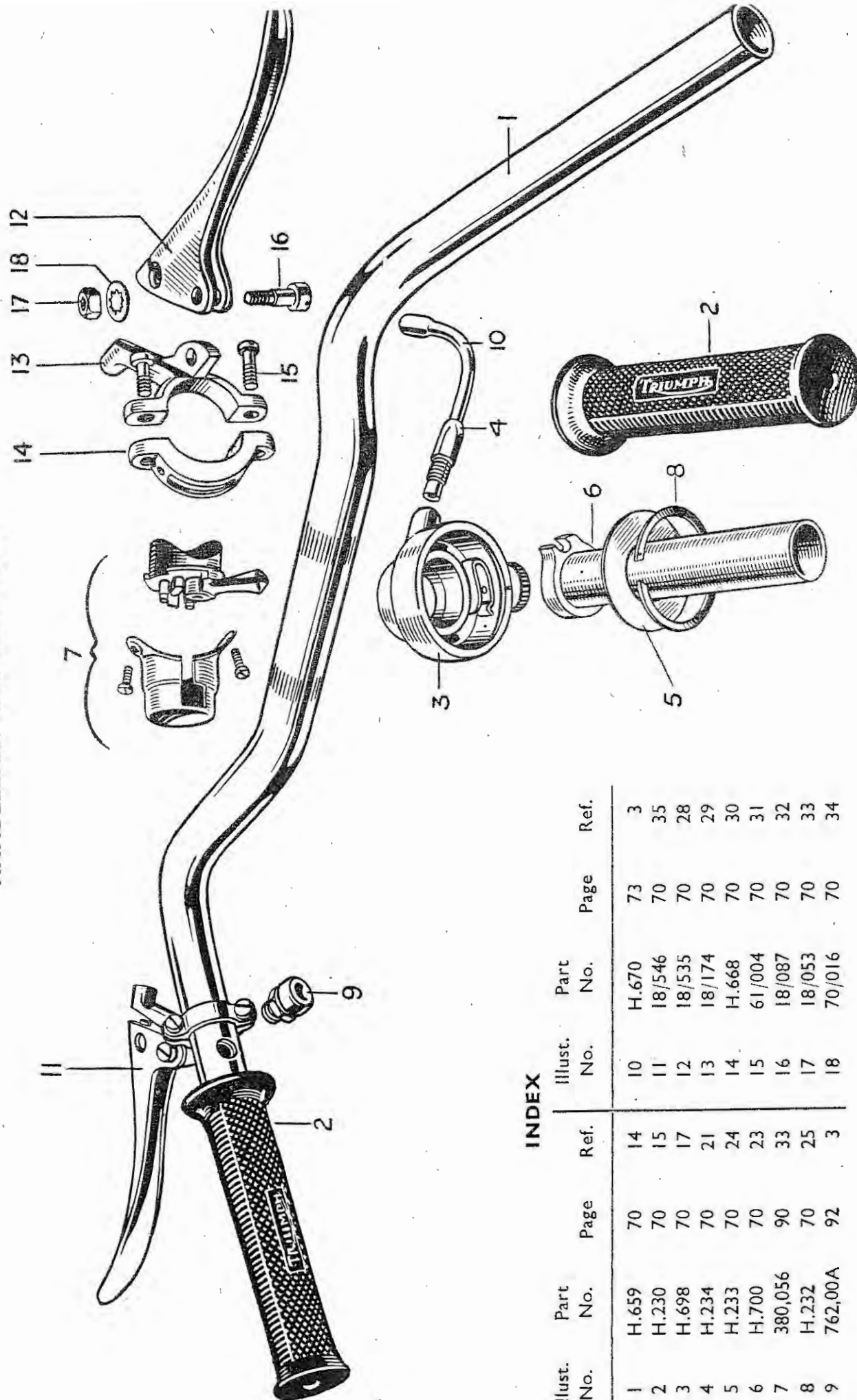
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| 1           | F.1034          | 67   | 5    |             | F.1717   | 67   | 16   |
| 2           | 3/32" Split Pin |      |      | 17          | F.2593   | 67   | 20   |
| 3           | F.2933          | 69   | 5    | 18          | F.2120   | 67   | 19   |
| 4           | F.2552          | 67   | 31   | 19          | F.1511   | 67   | 17   |
|             | F.1605          | 67   | 33   | 20          | F.3113   | 67   | 14   |
| 5           | F.2551          | 67   | 30   | 21          | F.2936   | 69   | 6    |
|             | F.1606          | 67   | 32   | 22          | F.1511   | 67   | 17   |
| 6           | E370A           | 69   | 9    | 23          | F.1717   | 67   | 16   |
| 7           | F.1645A         | 69   | 8    | 24          | F.2958   | 67   | 26   |
| 8           | PT.104B         | 69   | 12   | 25          | F.2919   | 67   | 25   |
| 9           | F.1792          | 69   | 11   | 26          | F.2918   | 67   | 24   |
| 10          | F.1713          | 70   | 4    | 27          | F.2959   | 67   | 29   |
| 11          | F.1838          | 70   | 3    | 28          | F.2570   | 67   | 28   |
| 12          | F.2964PR        | 67   | 1    | 29          | GS.367   | 67   | 27   |
|             | F.2964PS        | 67   | 2    | 30          | F.1823   | 67   | 11   |
|             | F.2966PB        | 67   | 3    |             | F.1823A  | 67   | 10   |
|             | F.2964TB        | 67   | 4    |             | F.1823C  | 67   | 12   |
| 13          | E.1947          | 33   | 33   |             | F.1823D  | 67   | 13   |
| 14          | E.1937A         | 33   | 31   | 31          | F.3080   | 67   | 6    |
|             | E.1781          | 33   | 32   |             | F.3081   | 67   | 7    |
| 15          | F.3060          | 67   | 22   |             | F.3083   | 67   | 8    |
|             | F.3059          | 67   | 23   |             | F.3084   | 67   | 9    |
| 16          | F.2124          | 67   | 15   |             |          |      |      |

FOR IDENTIFICATION OF PARTS SEE PAGE 10 FOR INSTRUCTIONS



# HANDLEBARS AND CONTROLS



## INDEX

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| 7           | 380,056  | 90   | 33   | 16          | 18/087   | 70   | 32   |
| 8           | H.232    | 70   | 25   | 17          | 18/053   | 70   | 33   |
| 9           | 762,00A  | 92   | 3    | 18          | 70/016   | 70   | 34   |



| REF. No. | PART No. | DESCRIPTION                 | 3T | 5T | T100 | 6T |
|----------|----------|-----------------------------|----|----|------|----|
| 1        | 12/044   | Clamp, bracket lever ... .. | 1  | 1  | 1    | 1  |
| 2        | 11/014   | Screw, lever clamp ... ..   | 2  | 2  | 2    | 2  |
| 3        | 18/087   | Pin, lever fulcrum ... ..   | 1  | 1  | 1    | 1  |
| 4        | 18/053   | Nut, " " pin ... ..         | 1  | 1  | 1    | 1  |
| 5        | 70/016   | Washer, " " " ... ..        | 1  | 1  | 1    | 1  |

### AIR CONTROL

|    |         |                                 |   |   |   |   |
|----|---------|---------------------------------|---|---|---|---|
| 6  | 12/171  | Lever assembly air control .... | 1 | 1 | 1 | 1 |
| 7  | 12/017A | Lever, air ... ..               | 1 | 1 | 1 | 1 |
| 8  | 12/029  | Bolt, centre ... ..             | 1 | 1 | 1 | 1 |
| 9  | 12/031  | Cap, centre ... ..              | 1 | 1 | 1 | 1 |
| 10 | 12/033  | Washer, spring ... ..           | 1 | 1 | 1 | 1 |
| 11 | 11/014  | Screw, clip fixing ... ..       | 2 | 2 | 2 | 2 |
| 12 | 12/040  | Clip, fixing ... ..             | 1 | 1 | 1 | 1 |

## CONTROL CABLE GROUP

### CLUTCH CABLE

|    |        |   |   |   |   |   |
|----|--------|---|---|---|---|---|
| 13 | D203/X | Cable assembly, clutch ... ..           | 1 | 1 | 1 | 1 |
| 14 | D203/W | Wire only, clutch ... ..                | 1 | 1 | 1 | 1 |
| 15 | D203/C | Casing only, clutch ... ..              | 1 | 1 | 1 | 1 |
| 16 | D103   | Ferrule, clutch casing ... ..           | 2 | 2 | 2 | 2 |
| 17 | D81    | Nipple, clutch wire (handlebar end) ... | 1 | 1 | 1 | 1 |
| 18 | DS73   | Nipple (gearbox end) ... ..             | 1 | 1 | 1 | 1 |
| 19 | DS74   | Adjuster, clutch cable ... ..           | 1 | 1 | 1 | 1 |
| 20 | W76    | Locknut, clutch cable adjuster ... ..   | 1 | 1 | 1 | 1 |

### FRONT BRAKE CABLE

|    |       |  |   |   |   |   |
|----|-------|--|---|---|---|---|
| 21 | D247  | Cable assembly, brake ... ..           | 1 | 1 | 1 | 1 |
| 22 | D247W | Wire only, brake ... ..                | 1 | 1 | 1 | 1 |
| 23 | D247C | Casing only, brake ... ..              | 1 | 1 | 1 | 1 |
| 24 | H751  | Sleeve, casing rubber ... ..           | 1 | 1 | 1 | 1 |
| 25 | D103  | Ferrule, brake casing ... ..           | 2 | 2 | 2 | 2 |
| 26 | D81   | Nipple, brake wire (handlebar end) ... | 1 | 1 | 1 | 1 |
| 27 | H446B | Tube, brake wire ... ..                | 1 | 1 | 1 | 1 |
| 28 | W593  | Fork end, brake wire ... ..            | 1 | 1 | 1 | 1 |
| 29 | H447  | Cable end, brake ... ..                | 1 | 1 | 1 | 1 |
| 30 | W328A | Adjuster, cable ... ..                 | 1 | 1 | 1 | 1 |
| 31 | W591  | Abutment, cable adjuster ... ..        | 1 | 1 | 1 | 1 |
| 32 | W329  | Thumb nut, cable adjuster ... ..       | 1 | 1 | 1 | 1 |

### THROTTLE CABLE

|    |       |                                 |   |   |   |   |
|----|-------|---------------------------------|---|---|---|---|
| 33 | D224  | Cable assembly, throttle ... .. | — | 1 | 1 | 1 |
| 34 | D226  | Cable assembly, " ... ..        | 1 | — | — | — |
| 35 | D224W | Wire only, throttle ... ..      | — | 1 | 1 | 1 |
| 36 | D226W | Wire only, " ... ..             | 1 | — | — | — |

SEE SPECIMEN ORDER IN PREFACE

| REF. No. | PART No. | DESCRIPTION                      | 3T | 5T | T100 | 6T |
|----------|----------|----------------------------------|----|----|------|----|
| 1        | D224C    | Casing only, throttle ... ..     | —  | 1  | 1    | 1  |
| 2        | D226C    | Casing only, „ ... ..            | 1  | —  | —    | —  |
| 3        | H670     | Guide tube, twist grip ... ..    | 1  | 1  | 1    | 1  |
| 4        | DI01     | Ferrule, throttle casing ... ..  | 2  | 3  | 3    | 3  |
| 5        | D83      | Nipple, „ (handlebar end) ... .. | 1  | 1  | 1    | 1  |
| 6        | NS191    | Nipple, „ ... ..                 | 1  | 1  | 1    | 1  |
| 7        | DI04     | Cable, adjuster assembly ... ..  | —  | 1  | 1    | 1  |
| 8        | XA69     | Clip for cables ... ..           | 8  | 8  | 8    | 8  |

### AIR CABLE

|    |       |                                |   |   |   |   |
|----|-------|--------------------------------|---|---|---|---|
| 9  | D225  | Cable assembly, air ... ..     | 1 | 1 | 1 | 1 |
| 10 | D225W | Wire only, air ... ..          | 1 | 1 | 1 | 1 |
| 11 | D225C | Casing only, air ... ..        | 1 | 1 | 1 | 1 |
| 12 | DI01  | Ferrule, air casing ... ..     | 2 | 2 | 2 | 2 |
| 13 | D83   | Nipple, handlebar end ... ..   | 1 | 1 | 1 | 1 |
| 14 | NS191 | Nipple, carburetter end ... .. | 1 | 1 | 1 | 1 |

### REAR BRAKE CONTROL GROUP

|    |        |   |   |   |   |   |
|----|--------|---|---|---|---|---|
| 15 | FI153  | Pedal, rear brake ... ..                                    | 1 | 1 | 1 | 1 |
| 16 | F995   | Rubber, „ „ pedal ... ..                                    | 1 | 1 | 1 | 1 |
| 17 | FI149  | Screw, „ „ „ stop ... ..                                    | 1 | 1 | 1 | 1 |
| 18 | F879   | Nut, „ „ „ „ screw ... ..                                   | 1 | 1 | 1 | 1 |
| 19 | F867   | Spindle, „ „ „ „ ... ..                                     | 1 | 1 | 1 | 1 |
| 20 | DS48   | Nut, brake pedal spindle to frame ... ..                    | 1 | 1 | 1 | 1 |
| 21 | SCZ45  | Washer, „ „ „ „ „ ... ..                                    | 1 | 1 | 1 | 1 |
| 22 | SI-51  | Nut, „ „ „ „ „ pedal end ... ..                             | 1 | 1 | 1 | 1 |
| 23 | S25-2  | Washer, brake pedal spindle to frame pedal end plain ... .. | 1 | 1 | 1 | 1 |
| 24 | S26-16 | Washer, brake pedal spindle to frame spring ... ..          | 1 | 1 | 1 | 1 |
| 25 | FI015  | Rod, brake operating, assembly ... ..                       | 1 | — | — | — |
| 26 | FI015A | Rod, „ „ „ „ ... ..   | — | 1 | 1 | 1 |
| 27 | FI015B | Rod, „ „ „ „ (spring wheel) ... ..                          | — | 1 | 1 | 1 |
| 28 | FI015C | Rod, „ „ „ „ „ ... ..                                       | 1 | — | — | — |
| 29 | WF32   | Pin, brake rod fork end pivot ... ..                        | 1 | 1 | 1 | 1 |
|    |        | Split pin, $\frac{1}{16}$ " $\times$ $\frac{1}{2}$ " ... .. | 1 | 1 | 1 | 1 |
| 30 | W11    | Pin, brake rod to cam lever hinge ... ..                    | 1 | 1 | 1 | 1 |
| 31 | NS372  | Nut, brake rod adjusting ... ..                             | 1 | 1 | 1 | 1 |

### FOOTREST GROUP

|    |       |                                    |   |   |   |   |
|----|-------|------------------------------------|---|---|---|---|
| 32 | FI731 | Footrest O.S. ... ..               | 1 | 1 | 1 | 1 |
| 33 | F987  | Footrest N.S. ... ..               | 1 | 1 | 1 | 1 |
| 34 | NF704 | Rubber, footrest ... ..            | 2 | 2 | 2 | 2 |
| 35 | FI736 | Tube, footrest support O.S. ... .. | 1 | 1 | 1 | 1 |

ALWAYS QUOTE PART NUMBER



| REF. No. | PART No. | DESCRIPTION                         | 3T | 5T | T100 | 6T |
|----------|----------|-------------------------------------|----|----|------|----|
| 1        | F991     | Rod, footrest ... ..                | —  | 1  | 1    | 1  |
| 2        | F1092    | Rod, „ ... ..                       | 1  | —  | —    | —  |
| 3        | DS48     | Nut, „ rod ... ..                   | 2  | 2  | 2    | 2  |
| 4        | S25-8    | Washer, „ „ O.S. (plain) ... ..     | 1  | 1  | 1    | 1  |
| 5        | F1081    | Tube, distance, footrest rod ... .. | 1  | —  | —    | —  |
| 6        | F862     | Tube, „ „ „ „ ... ..                | —  | 1  | 1    | 1  |

### PILLION FOOTREST

|    |        |                                   |   |   |   |   |
|----|--------|-----------------------------------|---|---|---|---|
| 7  | F2312  | Footrest assembly, pillion ... .. | 2 | 2 | 2 | 2 |
| 8  | F1694  | Pedal, footrest ... ..            | 2 | 2 | 2 | 2 |
| 9  | F1695  | Rubber, „ pedal ... ..            | 2 | 2 | 2 | 2 |
| 10 | F2271  | Bolt, „ „ pivot ... ..            | 2 | 2 | 2 | 2 |
| 11 | SI-51  | Nut, „ „ „ bolt ... ..            | 2 | 2 | 2 | 2 |
| 12 | F2277  | Washer, „ „ „ „ ... ..            | 2 | 2 | 2 | 2 |
| 13 | F2268  | Hanger, „ „ N.S. ... ..           | 2 | 2 | 2 | 2 |
| 14 | F1696  | Stud, „ „ hanger ... ..           | 2 | 2 | 2 | 2 |
| 15 | PO172A | Nut, „ „ „ stud ... ..            | 2 | 2 | 2 | 2 |
| 16 | S26-1  | Washer, „ „ „ „ ... ..            | 2 | 2 | 2 | 2 |

### SADDLE GROUP

|    |        |  |             |   |   |   |
|----|--------|--|-------------|---|---|---|
| 17 | F1729T | Saddle, complete ... ..                      | —           | 1 | 1 | 1 |
| 18 | F1897  | Saddle, „ ... ..                             | 1           | — | — | — |
| 19 | F1729A | Cover, saddle seat ... ..                    | —           | 1 | 1 | 1 |
| 20 | F1897A | Cover, „ „ ... ..                            | 1           | — | — | — |
| 21 | F2835  | Spring, „ main coil ... ..                   | 2           | 2 | 2 | 2 |
| 22 | F1729F | Spring, saddle seat 7 $\frac{3}{4}$ " ... .. | As required |   |   |   |
| 23 | F1729G | Spring, „ „ 7 $\frac{1}{4}$ " ... ..         | „ „         |   |   |   |
| 24 | F1729H | Spring, „ „ 7" ... ..                        | „ „         |   |   |   |
| 25 | F1729I | Spring, „ „ 6 $\frac{5}{8}$ " ... ..         | „ „         |   |   |   |
| 26 | F1729J | Spring, „ „ 6 $\frac{1}{4}$ " ... ..         | „ „         |   |   |   |
| 27 | F1729K | Spring, „ „ (Front) ... ..                   | „ „         |   |   |   |
| 28 | F1897K | Spring, „ „ ( „ ) ... ..                     | „ „ 3T only |   |   |   |
| 29 | F847   | Stud, „ spring to frame ... ..               | 2           | 2 | 2 | 2 |
| 30 | W76    | Nut, „ „ „ „ stud ... ..                     | 8           | 8 | 8 | 8 |
| 31 | S25-2  | Washer, „ „ „ „ „ ... ..                     | 6           | 6 | 6 | 6 |
| 32 | NA64J  | Bolt and nut, saddle nose ... ..             | 1           | 1 | 1 | 1 |

State Terry or Lycett when ordering saddle parts

**DO NOT FORGET TO SIGN YOUR ORDER**



## PROP STAND GROUP

(for frame less fitted pivot lug)

| REF. No. | PART No. | DESCRIPTION                  | 3T | 5T | T100 | 6T |
|----------|----------|------------------------------|----|----|------|----|
| 1        | F2612    | Prop stand, complete ... ..  | —  | 1  | 1    | 1  |
| 2        | F2611    | Prop stand, „ ... ..         | 1  | —  | —    | —  |
| 3        | F2606    | Lug, pivot ... ..            | —  | 1  | 1    | 1  |
| 4        | F2604    | Lug, „ ... ..                | 1  | —  | —    | —  |
| 5        | F2607    | Pin, swivel ... ..           | 1  | 1  | 1    | 1  |
| 6        | F2608    | Peg, spring anchorage ... .. | 1  | 1  | 1    | 1  |
| 7        | F2603    | Bolt, lug clamp ... ..       | 2  | 1  | 1    | 1  |
| 8        | F2605    | Bolt, „ „ ... ..             | —  | 1  | 1    | 1  |
| 9        | F2913    | Leg, prop stand ... ..       | 1  | 1  | 1    | 1  |
| 10       | F2610    | Spring, leg tension ... ..   | 1  | 1  | 1    | 1  |

(for frame with fitted pivot lug)

|    |       |                                |   |   |   |   |
|----|-------|--------------------------------|---|---|---|---|
| 11 | F3095 | Leg, prop stand ... ..         | — | 1 | 1 | 1 |
| 12 | F3094 | Leg, „ „ ... ..                | 1 | — | — | — |
| 13 | F3096 | Washer, prop stand lock ... .. | 1 | 1 | 1 | 1 |
| 14 | F3097 | Pin, swivel ... ..             | 1 | 1 | 1 | 1 |
| 15 | F2610 | Spring, tension ... ..         | 1 | 1 | 1 | 1 |

## SIDECAR ATTACHMENTS GROUP

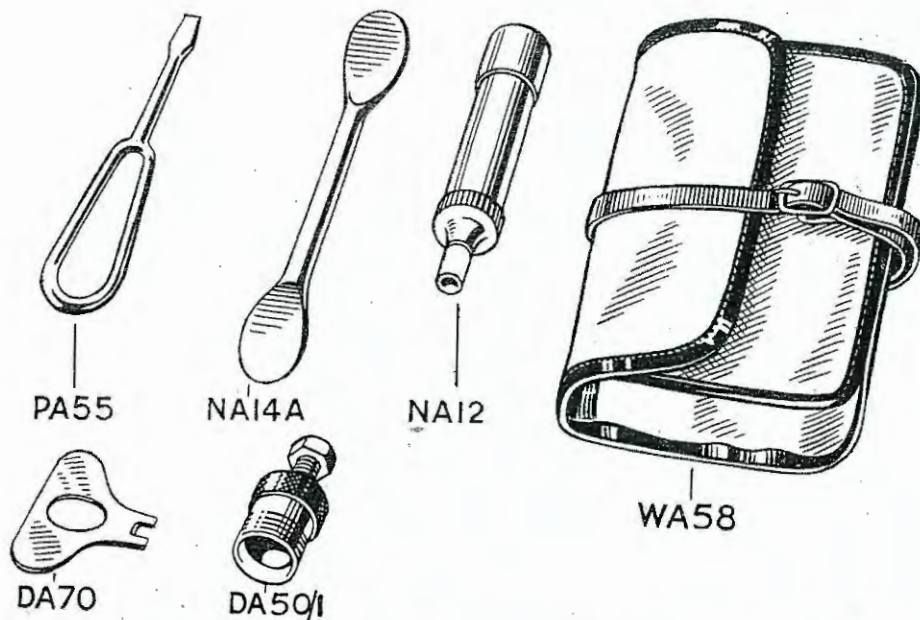
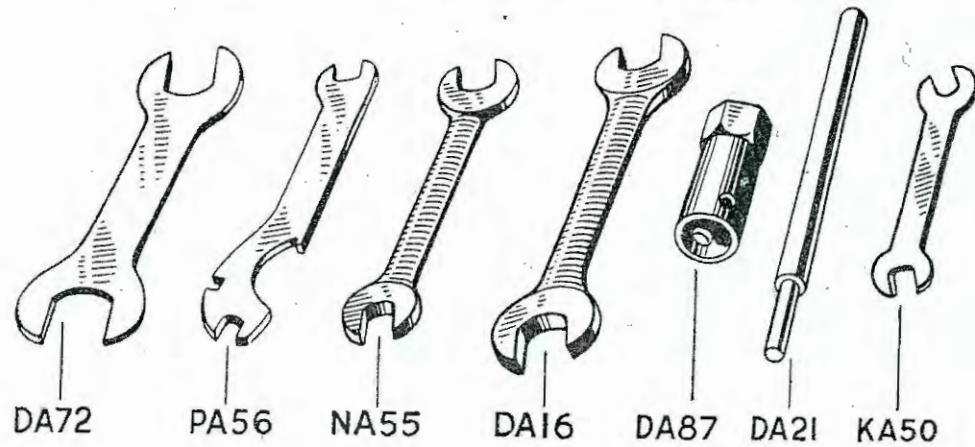
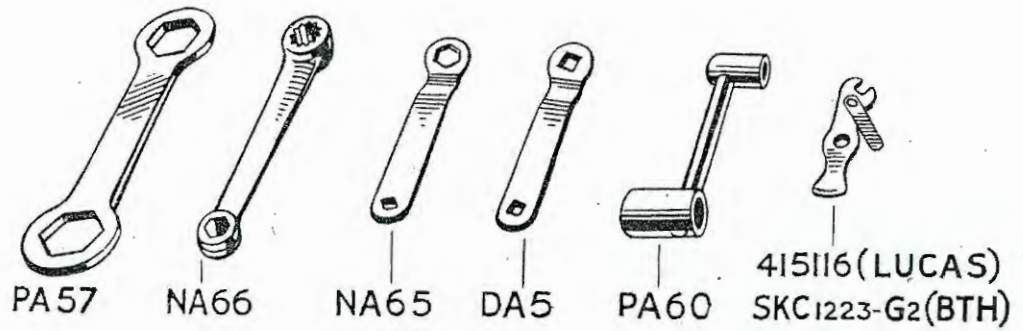
|    |       |                                     |   |   |   |   |
|----|-------|-------------------------------------|---|---|---|---|
| 16 | F2587 | Lug, bottom front connection ... .. | — | 1 | 1 | 1 |
| 17 | F1746 | Nut, „ „ „ sleeve ... ..            | — | 2 | 2 | 2 |
| 18 | F2600 | Bolt, „ „ „ ... ..                  | — | 1 | 1 | 1 |
| 19 | F1747 | Nut, „ „ „ bolt ... ..              | — | 1 | 1 | 1 |
| 20 | F2601 | Lug, rear connection ... ..         | — | 1 | 1 | 1 |
| 21 | F1743 | Stud, „ „ „ ... ..                  | — | 2 | 2 | 2 |
| 22 | SI-5  | Nut, „ „ stud ... ..                | — | 2 | 2 | 2 |
| 23 | KF365 | Washer, rear connection stud ... .. | — | 2 | 2 | 2 |

## REAR CARRIER GROUP

|    |          |  |   |   |   |   |
|----|----------|--|---|---|---|---|
| 24 | F2278CTE | Carrier, complete with fittings ... .. | — | 1 | 1 | 1 |
| 25 | F2856    | Bridge, carrier ... ..                 | — | 2 | 2 | 2 |
| 26 | F2857    | Plate, „ backing ... ..                | — | 2 | 2 | 2 |
| 27 | D557     | Bolt, „ „ „ „ ... ..                   | — | 8 | 8 | 8 |
| 28 | E1612    | Washer, „ „ „ „ ... ..                 | — | 8 | 8 | 8 |
| 29 | F879     | Nut, „ „ „ „ ... ..                    | — | 8 | 8 | 8 |

STATE COLOUR WHEN ORDERING

# TOOL KIT



## PILLION SEAT GROUP

| REF. No. | PART No. | DESCRIPTION                    | 3T | 5T | T100 | 6T |
|----------|----------|--------------------------------|----|----|------|----|
| 1        | NF761    | Seat, pillion, complete ... .. | 1  | 1  | 1    | 1  |
| 2        | S23-42   | Bolt, ,, seat fixing ... ..    | 4  | 4  | 4    | 4  |
| 3        | S4-9     | Nut, ,, ,, bolt ... ..         | 4  | 4  | 4    | 4  |
| 4        | S25-1    | Washer, ,, ,, ,, ... ..        | 4  | 4  | 4    | 4  |

## TOOL BOX GROUP

|    |        |                               |   |   |   |   |
|----|--------|-------------------------------|---|---|---|---|
| 5  | FI692A | Tool box, complete ... ..     | 1 | 1 | 1 | 1 |
| 6  | FI735  | Ring, sealing ... ..          | 1 | 1 | 1 | 1 |
| 7  | Z1     | Fastener assembly ... ..      | 1 | 1 | 1 | 1 |
| 8  | FI700  | Clip, toolbox to frame ... .. | 2 | 1 | 1 | 1 |
| 9  | FI699  | Clip, ,, ,, ,, ... ..         | — | 1 | 1 | 1 |
| 10 | DS57   | Bolt, ,, ,, ,, clip ... ..    | 2 | 2 | 2 | 2 |
| 11 | F879   | Nut, ,, ,, ,, ,, bolt ... ..  | 2 | 2 | 2 | 2 |
| 12 | S26-2  | Washer, ,, ,, ,, ,, ... ..    | 2 | 2 | 2 | 2 |

## TOOL KIT GROUP

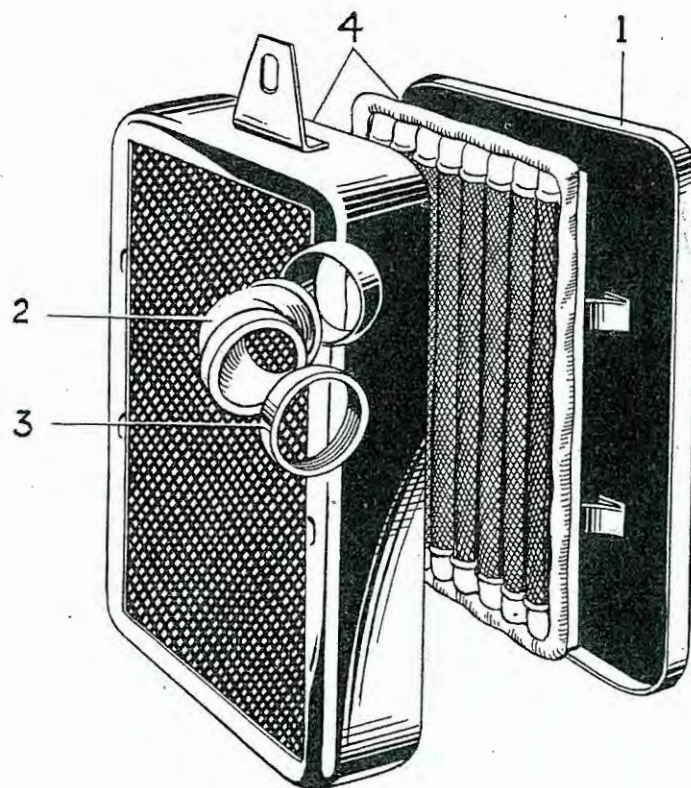
|    |            |   |   |   |   |   |
|----|------------|---|---|---|---|---|
| 13 | DA71       | Tool kit, complete ... ..                         | — | 1 | 1 | 1 |
| 14 | D209       | Tool kit ,, ... ..                                | 1 | — | — | — |
| 15 | DA72       | Spanner .920" × 1.010" open ... ..                | 1 | 1 | 1 | 1 |
| 16 | KA50       | Spanner .375" × .338" ,, ... ..                   | 1 | 1 | 1 | 1 |
| 17 | NA55       | Spanner .600" × .525" ,, ... ..                   | 1 | 1 | 1 | 1 |
| 18 | DA16       | Spanner .820" × .712" ,, ... ..                   | 1 | 1 | 1 | 1 |
| 19 | NA66       | Spanner .600" × .448" closed ... ..               | 1 | 1 | 1 | 1 |
| 20 | PA57       | Spanner .919" × 1.011" ,, ... ..                  | 1 | 1 | 1 | 1 |
| 21 | PA60       | Spanner box complete ... ..                       | 1 | 1 | 1 | 1 |
| 22 | DA5        | Spanner rocker adjusting screw ... ..             | 1 | 1 | 1 | 1 |
| 23 | NA65       | Spanner .448" hex. × .218" sq. ... ..             | — | 1 | 1 | 1 |
| 24 | PA56       | Spanner combination ... ..                        | 1 | 1 | 1 | 1 |
| 25 | DA87       | Spanner, sparking plug ... ..                     | 1 | 1 | 1 | 1 |
| 26 | SKC1223-G2 | Spanner, magneto contact (B.T.H.) ... ..          | 1 | 1 | 1 | 1 |
| 27 | 415116     | Spanner, ,, ,, (Lucas) ... ..                     | 1 | 1 | 1 | 1 |
| 28 | DA21       | Bar, tommy ... ..                                 | 1 | 1 | 1 | 1 |
| 29 | DA70       | Key, clutch adjusting ... ..                      | 1 | 1 | 1 | 1 |
| 30 | DA50/1     | Extractor, clutch centre ... ..                   | 1 | 1 | 1 | 1 |
| 31 | NA12       | Gun, grease ... ..                                | 1 | 1 | 1 | 1 |
| 32 | NA14A      | Lever, tyre ... ..                                | 1 | 1 | 1 | 1 |
| 33 | PA55       | Screwdriver ... ..                                | 1 | 1 | 1 | 1 |
| 34 | WA58       | Roll, tool ... ..                                 | 1 | 1 | 1 | 1 |
| 35 | D49        | Inflator, tyre ... ..                             | 1 | 1 | 1 | 1 |
| 36 | D220       | Spanner, fork cap nut (not included in tool kit)  | 1 | 1 | 1 | 1 |
| 37 | 167        | Extractor, chain rivet (not included in tool kit) | 1 | 1 | 1 | 1 |

ALWAYS QUOTE PART NUMBER



## AIR FILTER GROUP

| REF. No. | PART No. | DESCRIPTION                          | 3T | 5T | T100 | 6T |
|----------|----------|--------------------------------------|----|----|------|----|
| 1        | V29206   | Filter, air ... ..                   |    |    |      |    |
| 2        | V29671   | Element, filter cover and ... ..     |    |    |      |    |
| 3        | F2874    | Sleeve, carburetter to filter ... .. |    | —  | —    | —  |
| 4        | F2875    | Sleeve, " " " " ... ..               | —  |    |      |    |
| 5        | F2873    | Connection, sleeve to filter ... ..  | —  | —  |      |    |
| 6        | F2872    | Connection, " " " rubber ... ..      |    |    | —    | —  |



### INDEX FOR AIR FILTER

| Illust. No. | Part No. | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
|-------------|----------|------|------|-------------|----------|------|------|
| 1           | V.29671  | 78   | 2    | 3           | F.2874   | 78   | 3    |
| 2           | F.2872   | 78   | 6    |             | F.2875   | 78   | 4    |
|             | F.2873   | 78   | 5    | 4           | V.29206  | 78   | 1    |

ENGINE NUMBER IS IMPRESSED ON DRIVING SIDE OF CRANKCASE

## SPEEDOMETER GROUP

| REF. No. | PART No. | DESCRIPTION  | 3T | 5T | T100 | 6T |
|----------|----------|--|----|----|------|----|
| 1        | S467/19  | Speedometer head 120 m.p.h. (with r.p.m. scale) ... .. | —  | 1  | 1    | —  |
| 2        | S467/43  | Speedometer head 120 m.p.h. (with r.p.m. scale) ... .. | —  | —  | —    | 1  |
| 3        | S467/17  | Speedometer head 80 m.p.h. (with r.p.m. scale) ... ..  | 1  | —  | —    | —  |
| 4        | S467/23  | Speedometer head 180 k.p.h. (with r.p.m. scale) ... .. | —  | 1  | 1    | —  |
| 5        | S467/47  | Speedometer head 180 k.p.h. (less r.p.m. scale) ... .. | —  | —  | —    | 1  |
| 6        | S467/21  | Speedometer head 140 k.p.h. (with r.p.m. scale) ... .. | 1  | —  | —    | —  |
| 7        | P53279/1 | Bulb holder, c/w bulb ... ..                           | 1  | 1  | 1    | 1  |
| 8        | P52305   | Bulb only ... ..                                       | 1  | 1  | 1    | 1  |
| 9        | P22469   | Rubber ring, speedometer head ... ..                   | 1  | 1  | 1    | 1  |
| 10       | 25578/2  | Clamp-bar " " ... ..                                   | 1  | 1  | 1    | 1  |
| 11       | N1253    | Nut, clamp-bar ... ..                                  | 2  | 2  | 2    | 2  |
| 12       | D245     | Cable, speedometer drive (44" long) ... ..             | —  | 1  | 1    | 1  |
| 13       | D246     | Cable, " " (42½" long) ... ..                          | 1  | —  | —    | —  |
| 14       | F3098    | Clip, " " cable ... ..                                 | 1  | 1  | 1    | 1  |

### SPEEDOMETER DRIVE AT GEARBOX

|    |      |  |   |   |   |   |
|----|------|--|---|---|---|---|
| 15 | T924 | Pinion (10T), standard ratio layshaft ... .. | 1 | 1 | 1 | 1 |
| 16 | T973 | Pinion (8T), wide ratio layshaft ... ..      | 1 | 1 | 1 | 1 |
| 17 | T925 | Peg, layshaft pinion ... ..                  | 1 | 1 | 1 | 1 |
| 18 | T934 | Gear (16T), standard ratio driven ... ..     | 1 | 1 | 1 | 1 |
| 19 | T975 | Gear (15T), wide ratio driven ... ..         | 1 | 1 | 1 | 1 |
| 20 | T825 | Washer, gear thrust ... ..                   | 1 | 1 | 1 | 1 |
| 21 | T933 | Bush, gear ... ..                            | 1 | 1 | 1 | 1 |
| 22 | T948 | Washer, gear oil sealing (rubber) ... ..     | 1 | 1 | 1 | 1 |

## SPARKING PLUG GROUP

|    |      |                                |   |   |   |   |
|----|------|--------------------------------|---|---|---|---|
| 23 | F80* | Plug, sparking (K.L.G.) ... .. | — | — | 2 | — |
| 24 | H14* | Plug, " (Lodge) ... ..         | — | 2 | — | — |
| 25 | LI0S | Plug, " (Champion) ... ..      | 2 | — | — | — |
| 26 | LIIS | Plug, " (Champion) ... ..      | — | — | — | 2 |
| 27 | DI05 | Cover, " plug ... ..           | 2 | 2 | 2 | 2 |

\* Also supplied for 6T

APPLY TO ACCESSORY MANUFACTURERS FOR SERVICE UNITS



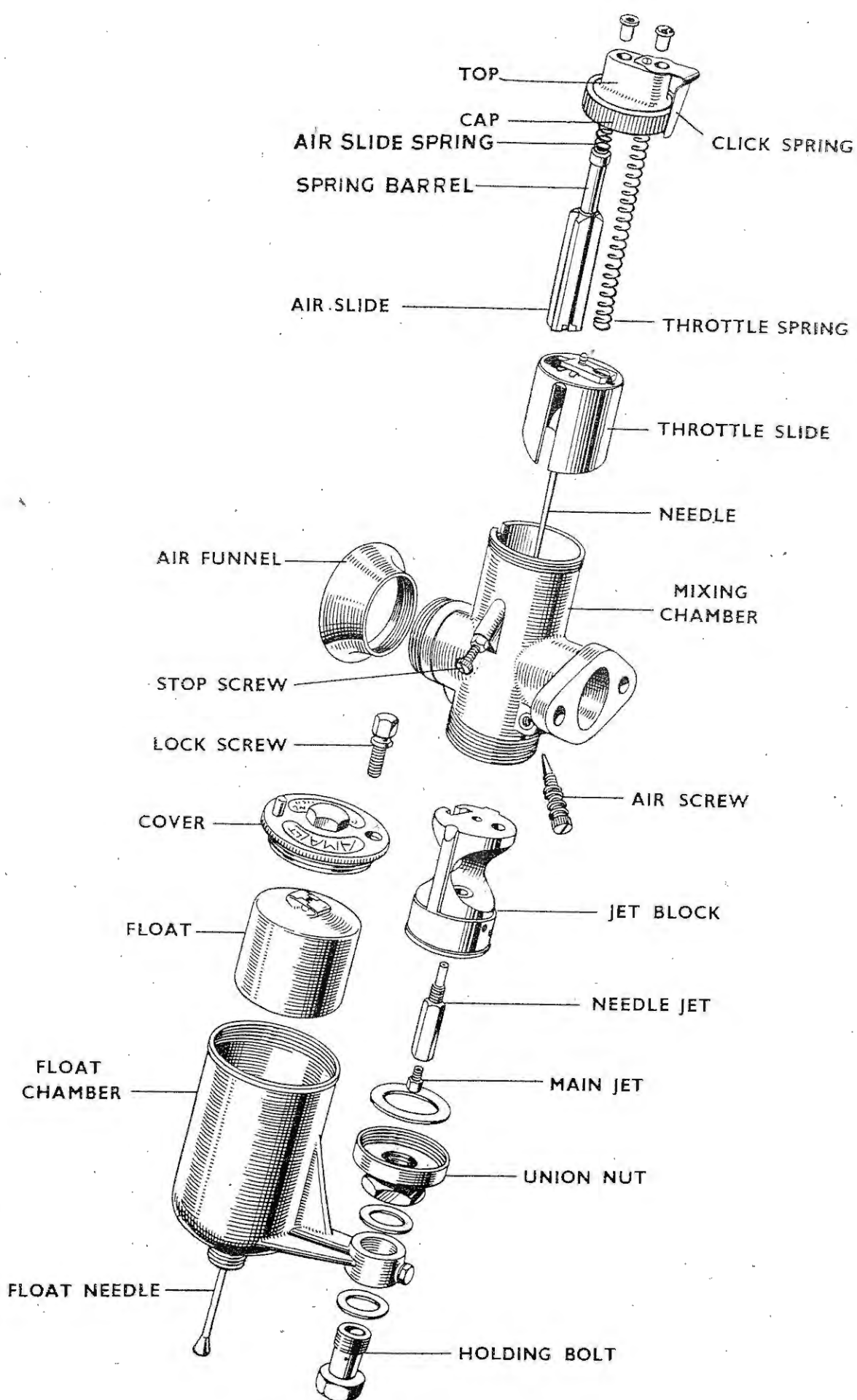
# CARBURETTER GROUP

| REF. No. | PART No.  | DESCRIPTION                           | 3T | 5T | T100 | 6T |
|----------|-----------|---------------------------------------|----|----|------|----|
| 1        | 276DK/IAT | Carburetter assembly ...              | —  | 1  | —    | —  |
| 2        | 276DL/IAT | " " ...                               | —  | —  | 1    | —  |
| 3        | 275AQ/IA  | " " ...                               | 1  | —  | —    | —  |
| 4        | 276AE/IAT | " " ...                               | —  | —  | —    | 1  |
| 5        | 276/410R  | Chamber, mixing ...                   | —  | 1  | —    | —  |
| 6        | 276/411R  | " " ...                               | —  | —  | 1    | 1  |
| 7        | 275/145R  | " " ...                               | 1  | —  | —    | —  |
| 8        | 6/403     | Top mixing chamber ...                | —  | 1  | 1    | 1  |
| 9        | 4/032A    | " " " ...                             | 1  | —  | —    | —  |
| 10       | 6/031     | Cap, " " ...                          | —  | 1  | 1    | 1  |
| 11       | 4/031     | Cap, " " ...                          | 1  | —  | —    | —  |
| 12       | 6/062     | Nut, " " ...                          | —  | 1  | 1    | 1  |
| 13       | 4/062     | Nut, " " ...                          | 1  | —  | —    | —  |
| 14       | 4/276     | Spring, " " cap ...                   | —  | 1  | 1    | 1  |
| 15       | 4/235     | Spring, " " ...                       | 1  | —  | —    | —  |
| 16       | 4/241     | Screw, " " spring ...                 | 1  | 1  | 1    | 1  |
| 17       | 6/045     | Valve, air ...                        | —  | 1  | 1    | 1  |
| 18       | 5/045     | Valve, " ...                          | 1  | —  | —    | —  |
| 19       | 4/046     | Spring, air valve ...                 | 1  | 1  | 1    | 1  |
| 20       | 6/047     | Guide, " " ...                        | —  | 1  | 1    | 1  |
| 21       | 5/047     | " " " ...                             | 1  | —  | —    | —  |
| 22       | 6/052     | Valve, throttle 6/3 $\frac{1}{2}$ ... | —  | 1  | 1    | 1  |
| 23       | 5/052     | " " 5/4 ...                           | 1  | —  | —    | —  |
| 24       | 4/263     | Spring, " valve ...                   | 1  | 1  | 1    | 1  |
| 25       | 4/063     | Screw, " " adjusting ...              | 1  | 1  | 1    | 1  |
| 26       | 16/010    | Nut, throttle valve adjusting ...     | 1  | 1  | 1    | 1  |
| 27       | 13/129    | Screw, air adjusting ...              | 1  | 1  | 1    | 1  |
| 28       | 4/148     | Spring, " " screw ...                 | 1  | 1  | 1    | 1  |
| 29       | 4/042     | Jet, main No. 140 ...                 | —  | 1  | —    | —  |
| 30       | †4/042    | " " No. 150 ...                       | —  | —  | 1    | —  |
| 31       | 4/042     | " " No. 120 ...                       | 1  | —  | —    | —  |
| 32       | †4/042    | " " No. 170 ...                       | —  | —  | —    | 1  |
| 33       | 206/057R  | Block, jet ...                        | —  | —  | 1    | —  |
| 34       | 206/058R  | " " ...                               | —  | —  | 1    | 1  |
| 35       | 205/058R  | " " ...                               | 1  | —  | —    | —  |
| 36       | 6/040     | Washer, jet block ...                 | —  | 1  | 1    | 1  |
| 37       | 4/040     | " " " ...                             | 1  | —  | —    | —  |
| 38       | 4/061     | Jet, needle No. 107 ...               | 1  | 1  | 1    | 1  |
| 39       | 6/065     | Needle, jet No. 6 ...                 | 1  | 1  | 1    | 1  |
| 40       | 5/065     | " " No. 5 ...                         | 1  | —  | —    | —  |
| 41       | 4/230     | Clip, " needle ...                    | 1  | 1  | 1    | 1  |
| 42       | 4/043     | Bolt, holding ...                     | 1  | 1  | 1    | 1  |
| 43       | 4/053     | Washer, holding bolt ...              | 2  | 2  | 2    | 2  |
| 44       | 4/035     | Adjuster, throttle cable ...          | 1  | —  | —    | —  |
| 45       | IAT       | Chamber, float (complete) ...         | —  | 1  | 1    | 1  |
| 46       | IA        | " " " ...                             | 1  | —  | —    | —  |

†For maximum power use 160 main jet (T100), 190 main jet (6T), and disconnect air filter.

**DO NOT FORGET TO SIGN YOUR ORDER**





AMAL CARBURETTER PARTS

| REF. No. | PART No. | DESCRIPTION                        | 3T | 5T | T100 | 6T |
|----------|----------|------------------------------------|----|----|------|----|
| 1        | 64/192   | Body, float chamber ... ..         | —  | 1  | 1    | 1  |
| 2        | 64/156   | " " " " " " " " " "                | 1  | —  | —    | —  |
| 3        | 14/208   | Cover, " " " " " " " "             | 1  | 1  | 1    | 1  |
| 4        | 14/021   | Lock screw, float cover ... ..     | 1  | 1  | 1    | 1  |
| 5        | 14/015   | Float ... ..                       | 1  | 1  | 1    | 1  |
| 6        | 14/024   | Needle, valve ... ..               | 1  | 1  | 1    | 1  |
| 7        | 14/209   | Tickler ... ..                     | 1  | 1  | 1    | 1  |
| 8        | 14/210   | Stop, tickler ... ..               | 1  | 1  | 1    | 1  |
| 9        | 14/032   | Spring, " " " " " " " "            | 1  | 1  | 1    | 1  |
| 10       | 14/289   | Cotter, " " " " " " " "            | 1  | 1  | 1    | 1  |
| 11       | 13/153   | Screw, platform plug ... ..        | 1  | 1  | 1    | 1  |
| 12       | 14/039   | Washer, platform plug screw ... .. | 1  | 1  | 1    | 1  |
| 13       | 14/178   | Locknut, seating ... ..            | 1  | 1  | 1    | 1  |
| 14       | 14/175   | Washer, seating locknut ... ..     | 1  | 1  | 1    | 1  |
| 15       | 14/042   | Nut, petrol union ... ..           | 1  | 1  | 1    | 1  |
| 16       | 14/026   | Nipple, petrol union ... ..        | 1  | 1  | 1    | 1  |
| 17       | NA43     | Washer, carburetter flange ... ..  | —  | 1  | —    | —  |
| 18       | NA48     | " " " " " " " "                    | 1  | —  | —    | —  |
| 19       | NA43A    | " " " " " " " "                    | —  | —  | 0    | 1  |

## MAGNETO (B.T.H.) GROUP

|    |                              |  |   |   |   |   |
|----|------------------------------|--|---|---|---|---|
| 20 | D152                         | Magneto, less auto advance ... ..              | 1 | 1 | 1 | 1 |
| 21 | SKC10917-1                   | Housing, magneto main ... ..                   | 1 | 1 | 1 | 1 |
| 22 | SKC741-G1                    | Ball race ... ..                               | 2 | 2 | 2 | 2 |
| 23 | SKC6123-1                    | Insulation washer, ball race ... ..            | 2 | 2 | 2 | 2 |
| 24 | CR22186-1                    | Shim, bearing adjusting .002" and .003" ... .. | 1 | 1 | 1 | 1 |
| 25 | CZ108979                     | Seal, oil retaining ... ..                     | 1 | 1 | 1 | 1 |
| 26 | CR23042-1                    | Magnet ... ..                                  | 1 | 1 | 1 | 1 |
| 27 | SKC6245-1                    | Screw, magnet locating ... ..                  | 2 | 2 | 2 | 2 |
| 28 | SKC24291-1                   | Cover, magnet ... ..                           | 1 | 1 | 1 | 1 |
| 29 | 3BA $\frac{5}{16}$ " rd. hd. | Screw, magnet cover fixing ... ..              | 2 | 2 | 2 | 2 |
| 30 | SKC9952-8                    | Washer, magnet cover fixing ... ..             | 2 | 2 | 2 | 2 |
| 31 | CR23290-1                    | Screw, safety gap ... ..                       | 1 | 1 | 1 | 1 |
| 32 | SKC6799-1                    | Tab, safety gap screw locking ... ..           | 1 | 1 | 1 | 1 |
| 33 | SKC87159-G1                  | Holder, collector brush ... ..                 | 2 | 2 | 2 | 2 |
| 34 | SKC6306-G2                   | Collector brush and spring ... ..              | 2 | 2 | 2 | 2 |
| 35 | CR87404-1                    | Washer, collector holder sealing ... ..        | 2 | 2 | 2 | 2 |
| 36 | CR87160-1                    | Nut, collector holder ring ... ..              | 2 | 2 | 2 | 2 |
| 37 | CZ60707-G19                  | Cable, H.T. ... ..                             | 2 | 2 | 2 | 2 |
| 38 | SKC6397-1                    | Screw, H.T. cable securing ... ..              | 2 | 2 | 2 | 2 |
| 39 | E2415                        | Clip, H.T. cable ... ..                        | 1 | 1 | 1 | 1 |
| 40 | CR87403-1                    | Ferrule, collector holder rubber ... ..        | 2 | 2 | 2 | 2 |
| 41 | CY50495-G1                   | Armature c/w condenser and end plate ... ..    | 1 | 1 | 1 | 1 |
| 42 | SKC6115-1                    | Screw, armature end plate to core ... ..       | 4 | 4 | 4 | 4 |
| 43 | SKC6111-1                    | Dowel, " " " " locating ... ..                 | 1 | 1 | 1 | 1 |

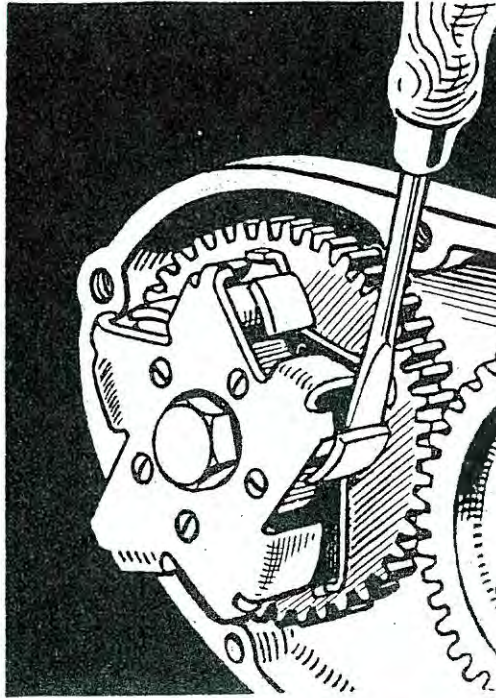
SEE SPECIMEN ORDER IN PREFACE

| REF. No. | PART No.                     | DESCRIPTION  | 3T | 5T | T100 | 6T |
|----------|------------------------------|--|----|----|------|----|
| 1        | SKC6114-I                    | Screw, armature end plate securing ...                 | 4  | 4  | 4    | 4  |
| 2        | SKC6112-I                    | Dowel, " " " " locating ...                            | 1  | 1  | 1    | 1  |
| 3        | CX52078-G3                   | Condenser, assembly ...                                | 1  | 1  | 1    | 1  |
| 4        | SKC6636-I                    | Insulation condenser (large) ...                       | 2  | 2  | 2    | 2  |
| 5        | SKC6637-I                    | " " (small) ...  | 2  | 2  | 2    | 2  |
| 6        | 4BAx $\frac{5}{16}$ "ch.hd.  | Screw, condenser securing ...                          | 2  | 2  | 2    | 2  |
| 7        | SKC9952-6                    | Washer, condenser screws ...                           | 2  | 2  | 2    | 2  |
| 8        | CR20776-I                    | Bush, condenser insulating ...                         | 1  | 1  | 1    | 1  |
| 9        | SKC6612-G1                   | Slip ring ...  | 1  | 1  | 1    | 1  |
| 10       | SKC6122-I                    | Washer, slip ring, plain ...                           | 1  | 1  | 1    | 1  |
| 11       | SKC6180-I                    | Washer, slip ring, spring ...                          | 1  | 1  | 1    | 1  |
| 12       | CR20774-I                    | Ring, reinforcing ...                                  | 1  | 1  | 1    | 1  |
| 13       | CX1883-G24                   | Contact breaker, L.H. complete ...                     | 1  | 1  | 1    | 1  |
| 14       | SKC74955-G2                  | Base and check spring assembly, contact<br>breaker ... | 1  | 1  | 1    | 1  |
| 15       | CZ63472-G2                   | Lever contact and springs ...                          | 1  | 1  | 1    | 1  |
| 16       | SKC6215-I                    | Spring, contact breaker run forcing ...                | 2  | 2  | 2    | 2  |
| 17       | SKC6208-I                    | Screw, contact breaker spring ...                      | 2  | 2  | 2    | 2  |
| 18       | CR29708-I                    | Wick, contact breaker lever ...                        | 1  | 1  | 1    | 1  |
| 19       | SKC29303-G1                  | Contact, adjustable screw ...                          | 1  | 1  | 1    | 1  |
| 20       | SKC6216-I                    | Nut, adjustable screw contact ...                      | 1  | 1  | 1    | 1  |
| 21       | SKC9952-8                    | Washer, adjustable screw contact ...                   | 1  | 1  | 1    | 1  |
| 22       | SKC6235-I                    | Block, contact screw locating ...                      | 1  | 1  | 1    | 1  |
| 23       | SKC6213-I                    | Strip, insulating block ...                            | 1  | 1  | 1    | 1  |
| 24       | SKC6209-I                    | Screw, block securing ...                              | 1  | 1  | 1    | 1  |
| 25       | SKC6210-I                    | Bush, screw insulating ...                             | 1  | 1  | 1    | 1  |
| 26       | SKC6212-I                    | Bush, block centre ...                                 | 1  | 1  | 1    | 1  |
| 27       | SKC6219-G1                   | Brush and spring contact breaker earthing ...          | 1  | 1  | 1    | 1  |
| 28       | SKC6214-I                    | Spring, contact breaker main ...                       | 1  | 1  | 1    | 1  |
| 29       | CR29487-I                    | Screw, contact breaker securing ...                    | 1  | 1  | 1    | 1  |
| 30       | CZ61580-I                    | Cover complete, contact breaker ...                    | 1  | 1  | 1    | 1  |
| 31       | SKC28537                     | Cover only, contact breaker ...                        | 1  | 1  | 1    | 1  |
| 32       | CR89533-I                    | Bush, contact breaker, cover insulating ...            | 1  | 1  | 1    | 1  |
| 33       | CR29456-I                    | Strip, " " " " ...                                     | 1  | 1  | 1    | 1  |
| 34       | CR29455-I                    | Strip, " " " " contact ...                             | 1  | 1  | 1    | 1  |
| 35       | CR29459-I                    | Terminal, " " " " ...                                  | 1  | 1  | 1    | 1  |
| 36       | 4BA Strd.                    | Washer, " " " " terminal, plain ...                    | 3  | 3  | 3    | 3  |
| 37       | SKC9952-6                    | Washer, " " " " spring ...                             | 2  | 2  | 2    | 2  |
| 38       | CR26513                      | Nut, " " " " lock ...                                  | 1  | 1  | 1    | 1  |
| 39       | CR89927-I                    | Nut, " " " " knurled ...                               | 1  | 1  | 1    | 1  |
| 40       | SKC88939-6                   | Washer, " " " " " nut ...                              | 1  | 1  | 1    | 1  |
| 41       | CR28540-I                    | Washer, " " " " cover sealing ...                      | 1  | 1  | 1    | 1  |
| 42       | CR28571-I                    | Screw, " " " " securing ...                            | 3  | 3  | 3    | 3  |
| 43       | SKC9952-6                    | Washer, " " " " screw ...                              | 3  | 3  | 3    | 3  |
| 44       | SKC33650                     | Cam, ring ...  | 1  | 1  | 1    | 1  |
| 45       | SKC6344-I                    | Wick, cam lubricating ...                              | 1  | 1  | 1    | 1  |
| 46       | SKC28544-G3                  | Housing, cam ring ...                                  | 1  | 1  | 1    | 1  |
| 47       | 2BAx $\frac{1}{2}$ "inst.hd. | Screw, cam ring housing ...                            | 4  | 4  | 4    | 4  |
| 48       | SKC88939-20                  | Washer, " " " " lock ...                               | 4  | 4  | 4    | 4  |
| 49       | CR26381-I                    | Screw, timing stop ...                                 | 1  | 1  | 1    | 1  |

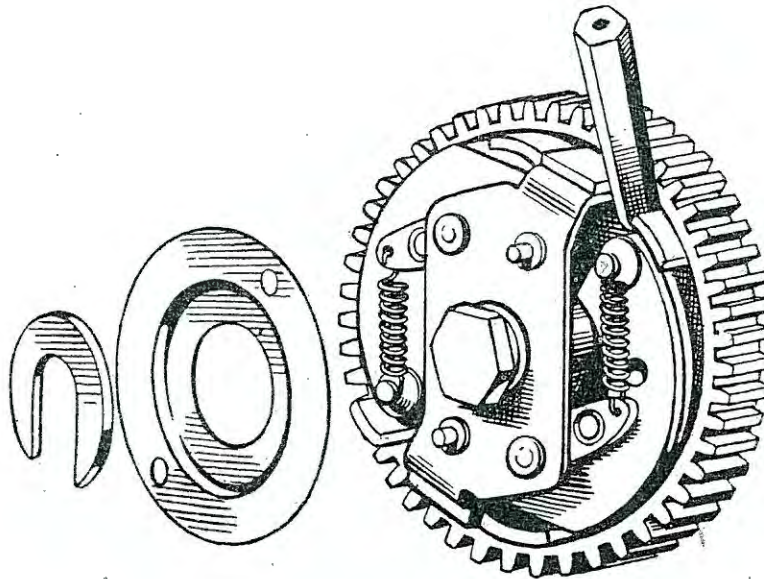
WHEN IN DOUBT SEND SAMPLE



## AUTOMATIC ADVANCE CONTROL



B.T.H.

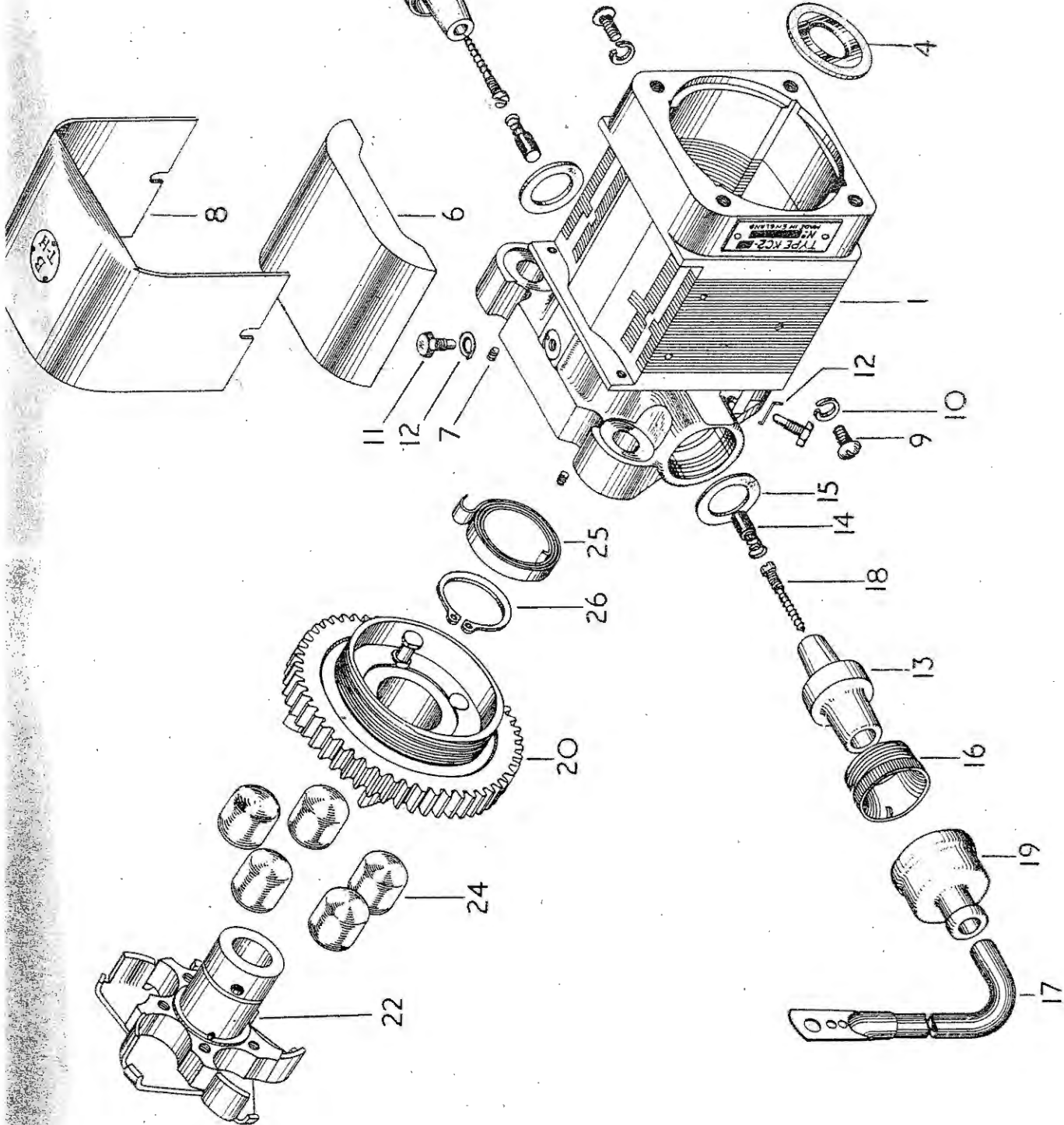


Lucas.

Illustrations showing the two types in use and the method of securing the mechanism in the fully advanced position for timing purposes.

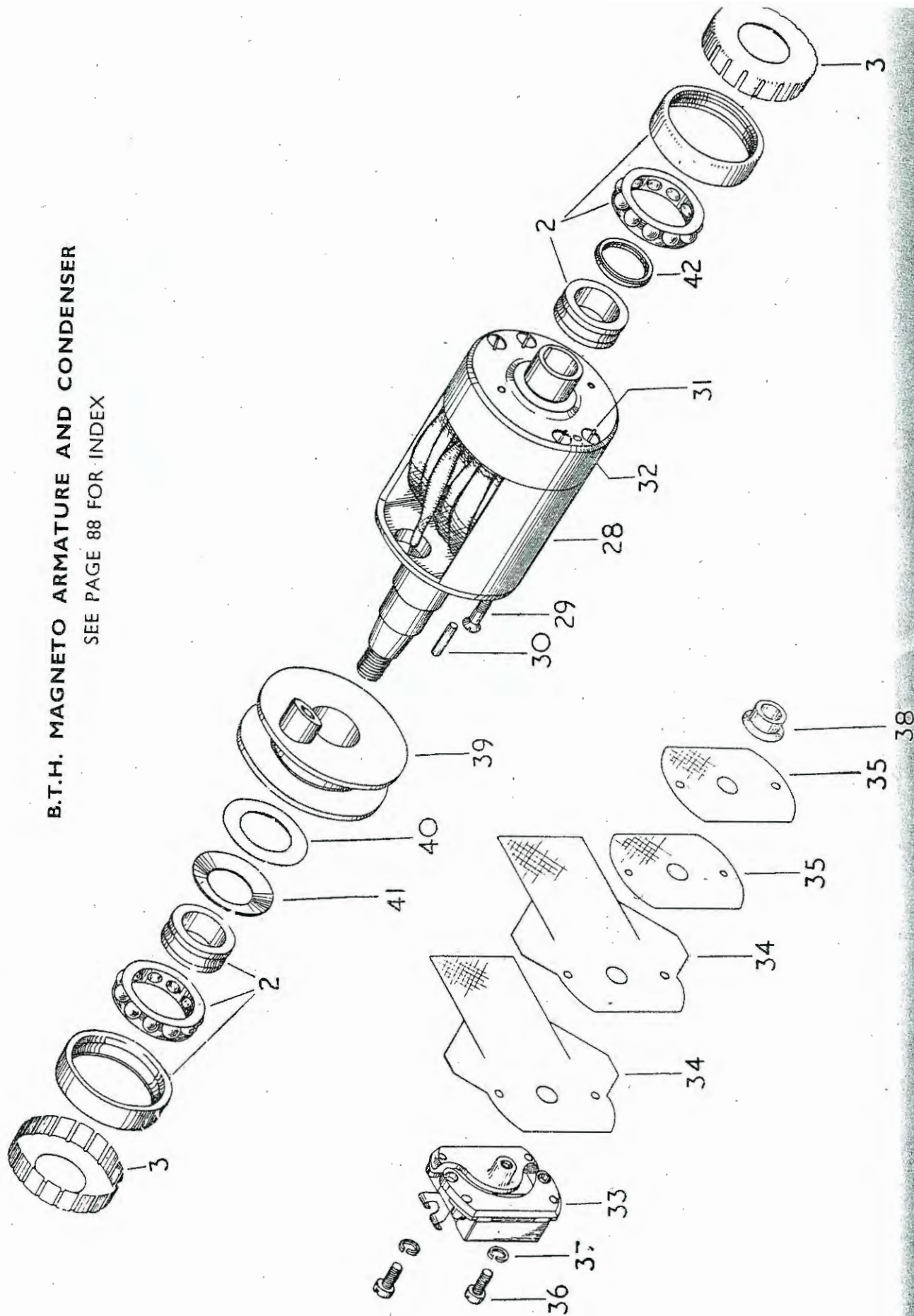
**B.T.H. MAGNETO HOUSING  
AND AUTO ADVANCE**

SEE PAGE 88 FOR INDEX





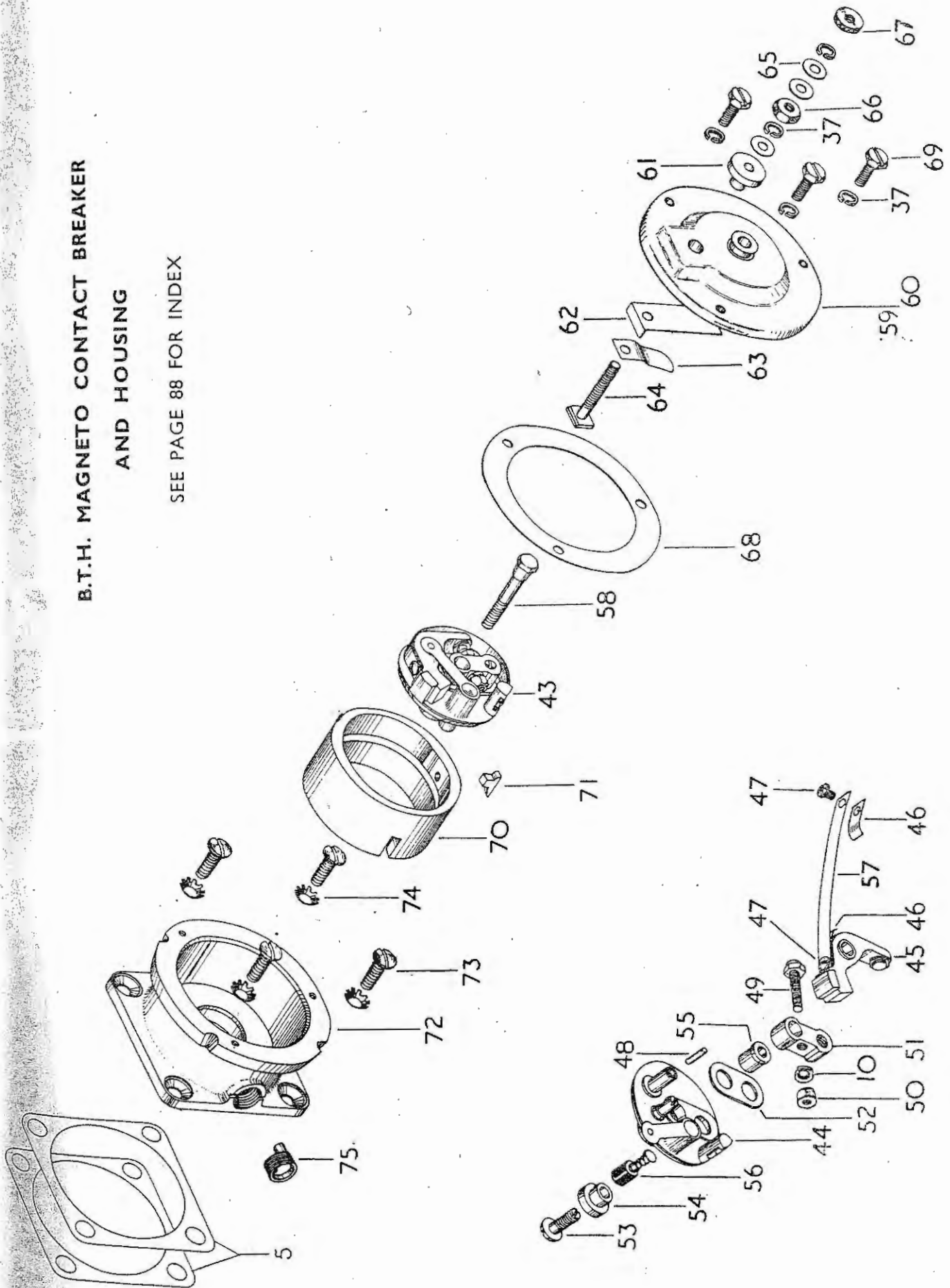
**B.T.H. MAGNETO ARMATURE AND CONDENSER**  
SEE PAGE 88 FOR INDEX





# **B.T.H. MAGNETO CONTACT BREAKER AND HOUSING**

SEE PAGE 88 FOR INDEX



| REF. No. | PART No.    | DESCRIPTION                       | 3T | 5T | T100 | 6T |
|----------|-------------|-----------------------------------|----|----|------|----|
| 1        | SKC35711-G2 | Gear, auto advance ... ..         | 1  | 1  | 1    | 1  |
| 2        | CZ108934    | Hub, assembly auto advance ... .. | 1  | 1  | 1    | 1  |
| 3        | CR35706-1   | Roller, auto advance ... ..       | 5  | 5  | 5    | 5  |
| 4        | CR35707-1   | Spring, " " main ... ..           | 1  | 1  | 1    | 1  |
| 5        | CR35709-1   | Circlip, " " " " ... ..           | 1  | 1  | 1    | 1  |
| 6        | CR35705-1   | Nut, " " securing ... ..          | 1  | 1  | 1    | 1  |

# INDEX TO ILLUSTRATIONS ON PAGES 85, 86 AND 87

| Illust. No. | Part No.                        | Page | Ref. | Illust. No. | Part No.                   | Page | Ref. |
|-------------|---------------------------------|------|------|-------------|----------------------------|------|------|
| 1           | SKC.10917-1                     | 82   | 21   | 40          | SKC.6122-1                 | 83   | 10   |
| 2           | SKC.741-G1                      | 82   | 22   | 41          | SKC.6180-1                 | 83   | 11   |
| 3           | SKC.6123-1                      | 82   | 23   | 42          | CR.20774-1                 | 83   | 12   |
| 4           | CZ.108979                       | 82   | 25   | 43          | CX.1883-G24                | 83   | 13   |
| 5           | CR.22186-1                      | 82   | 24   | 44          | SKC.74955-G2               | 83   | 14   |
| 6           | CR.23042-1                      | 82   | 26   | 45          | CZ.63472-G2                | 83   | 15   |
| 7           | SKC.6245-1                      | 82   | 27   | 46          | SKC.6215-1                 | 83   | 16   |
| 8           | SKC.24291-1                     | 82   | 28   | 47          | SKC.6208-1                 | 83   | 17   |
| 9           | 3 BA x $\frac{5}{16}$ " rd.hd.  | 82   | 29   | 48          | CR.29708-1                 | 83   | 18   |
| 10          | SKC.9952-8                      | 82   | 30   | 49          | SKC.29303-G1               | 83   | 19   |
| 11          | CR.23290-1                      | 82   | 31   | 50          | SKC.6216-1                 | 83   | 20   |
| 12          | SKC.6799-1                      | 82   | 32   | 51          | SKC.6235-1                 | 83   | 22   |
| 13          | SKC.87159-G1                    | 82   | 33   | 52          | SKC.6213-1                 | 83   | 23   |
| 14          | SKC.6306-G2                     | 82   | 34   | 53          | SKC.6209-1                 | 83   | 24   |
| 15          | CR.87404-1                      | 82   | 35   | 54          | SKC.6210-1                 | 83   | 25   |
| 16          | CR.87160-1                      | 82   | 36   | 55          | SKC.6212-1                 | 83   | 26   |
| 17          | CZ.60707-G19                    | 82   | 37   | 56          | SKC.6219-G1                | 83   | 27   |
| 18          | SKC.6397-1                      | 82   | 38   | 57          | SKC.6214-1                 | 83   | 28   |
| 19          | CR.87403-1                      | 82   | 40   | 58          | CR.29487-1                 | 83   | 29   |
| 20          | SKC.35711-G2                    | 88   | 1    | 59          | CZ.61580-1                 | 83   | 30   |
| 22          | CZ.108934                       | 88   | 2    | 60          | SKC.28537                  | 83   | 31   |
| 24          | CR.35706-1                      | 88   | 3    | 61          | CR.89533-1                 | 83   | 32   |
| 25          | CR.35707-1                      | 88   | 4    | 62          | CR.29456-1                 | 83   | 33   |
| 26          | CR.35709-1                      | 88   | 5    | 63          | CR.29455-1                 | 83   | 34   |
| 28          | CY.50495-G1                     | 82   | 41   | 64          | CR.29459-1                 | 83   | 35   |
| 29          | SKC.6115-1                      | 82   | 42   | 65          | 4 BA Std.                  | 83   | 36   |
| 30          | SKC.6111-1                      | 82   | 43   | 66          | CR.26513                   | 83   | 38   |
| 31          | SKC.6114-1                      | 83   | 1    | 67          | CR.89927-1                 | 83   | 39   |
| 32          | SKC.6112-1                      | 83   | 2    | 68          | CR.28540-1                 | 83   | 41   |
| 33          | CX.52078-G3                     | 83   | 3    | 69          | CR.28571-1                 | 83   | 42   |
| 34          | SKC.6636-1                      | 83   | 4    | 70          | SKC.33650                  | 83   | 44   |
| 35          | SKC.6637-1                      | 83   | 5    | 71          | SKC.6344-1                 | 83   | 45   |
| 36          | 4 BA x $\frac{5}{16}$ " ch. hd. | 83   | 6    | 72          | SKC.28544-G3               | 83   | 46   |
| 37          | SKC.9952-6                      | 83   | 7    | 73          | 2 BA x $\frac{1}{2}$ " hd. | 83   | 47   |
| 38          | CR.20776-1                      | 83   | 8    | 74          | SKC.88939-20               | 83   | 48   |
| 39          | SKC.6612-G1                     | 83   | 9    | 75          | CR.26381-1                 | 83   | 49   |

FOR IDENTIFICATION OF PARTS SEE PAGE 10 FOR INSTRUCTIONS

# LUCAS ELECTRICAL EQUIPMENT GROUP

| REF. No.               | PART No. | DESCRIPTION                           | 3T | 5T | T100 | 6T |
|------------------------|----------|---------------------------------------|----|----|------|----|
| DYNAMO (TYPE E3L LI-O) |          |                                       |    |    |      |    |
| 1                      | 20009A   | Dynamo, complete ... ..               | 1  | 1  | 1    | 1  |
| 2                      | 200712   | Armature, Assembly ... ..             | 1  | 1  | 1    | 1  |
| 3                      | 2000738  | Commutator c/w bush ... ..            | 1  | 1  | 1    | 1  |
| 4                      | 189120   | Bush, commutator end ... ..           | 1  | 1  | 1    | 1  |
| 5                      | 200718   | Cover, " " ... ..                     | 1  | 1  | 1    | 1  |
| 6                      | 200761   | Bracket assembly, driving end ... ..  | 1  | 1  | 1    | 1  |
| 7                      | 189307   | Ball race, driving end ... ..         | 1  | 1  | 1    | 1  |
| 8                      | 200641   | Seal, end plate with oil ... ..       | 1  | 1  | 1    | 1  |
| 9                      | 200609   | Band assembly, cover ... ..           | 1  | 1  | 1    | 1  |
| 10                     | 188818   | Nipple, cable fixing ... ..           | 2  | 2  | 2    | 2  |
| 11                     | 200212   | Plate, clamp ... ..                   | 1  | 1  | 1    | 1  |
| 12                     | 115850   | Screw " plate fixing ... ..           | 1  | 1  | 1    | 1  |
| 13                     | 200732   | Bolt, through fixing ... ..           | 2  | 2  | 2    | 2  |
| 14                     | 165078   | Nut, " " bolt ... ..                  | 2  | 2  | 2    | 2  |
| 15                     | 188330   | Washer, " " " ... ..                  | 2  | 2  | 2    | 2  |
| 16                     | 200737   | Brush set ... ..                      | 1  | 1  | 1    | 1  |
| 17                     | 200197   | Spring set, brush ... ..              | 1  | 1  | 1    | 1  |
| 18                     | 189386   | Key, woodruff ... ..                  | 1  | 1  | 1    | 1  |
| 19                     | E2451    | Pinion, dynamo ... ..                 | 1  | 1  | 1    | 1  |
| 20                     | 111700   | Screw, " pinion ... ..                | 1  | 1  | 1    | 1  |
| 21                     | 188378   | Washer, " " screw ... ..              | 1  | 1  | 1    | 1  |
| 22                     | E2228    | Nut (dome), dynamo to gearcase ... .. | 1  | 1  | 1    | 1  |
| 23                     | E2414    | Stud, dynamo fixing ... ..            | 1  | 1  | 1    | 1  |
| 24                     | E2226    | Washer, " to crankcase joint ... ..   | 1  | 1  | 1    | 1  |
| 25                     | E2230    | Strap, " fixing ... ..                | 1  | 1  | 1    | 1  |
| 26                     | 460025   | Swivel, " strap ... ..                | 2  | 2  | 2    | 2  |
| 27                     | 112450   | Screw, " " ... ..                     | 2  | 2  | 2    | 2  |

## CUT-OUT AND REGULATOR UNIT MCR2-L

|    |        |                                 |   |   |   |   |
|----|--------|---------------------------------|---|---|---|---|
| 28 | 37097B | Regulator, complete ... ..      | 1 | 1 | 1 | 1 |
| 29 | 391454 | Cover, cut out ... ..           | 1 | 1 | 1 | 1 |
| 30 | 391453 | Clip, cover spring ... ..       | 1 | 1 | 1 | 1 |
| 31 | DS57   | Bolt, unit to rear stays ... .. | 2 | 2 | 2 | 2 |
| 32 | F879   | Nut, for DS57 ... ..            | 2 | 2 | 2 | 2 |
| 33 | E1612  | Washer for F879 ... ..          | 2 | 2 | 2 | 2 |

## HEADLAMP (MF 42)

|    |        |                                      |   |   |   |   |
|----|--------|--------------------------------------|---|---|---|---|
| 34 | 50777B | Headlamp ... ..                      | 1 | 1 | 1 | 1 |
| 35 | 516298 | Ring, lamp fixing ... ..             | 1 | 1 | 1 | 1 |
| 36 | H689   | Screw, fixing ring to nacelle ... .. | 3 | 3 | 3 | 3 |
| 37 | H690   | Nut, fixing ring to nacelle ... ..   | 3 | 3 | 3 | 3 |
| 38 | 509487 | Rim only ... ..                      | 1 | 1 | 1 | 1 |
| 39 | 550875 | Glass ... ..                         | 1 | 1 | 1 | 1 |
| 40 | 553147 | Reflector assembly ... ..            | 1 | 1 | 1 | 1 |
| 41 | 553065 | Bead, rubber joint ... ..            | 1 | 1 | 1 | 1 |
| 42 | 500291 | Wire, glass fixing ... ..            | 4 | 4 | 4 | 4 |
| 43 | 509936 | Catch assembly, rim ... ..           | 1 | 1 | 1 | 1 |
| 44 | 504801 | Holder assembly, main bulb ... ..    | 1 | 1 | 1 | 1 |

APPLY TO ACCESSORY MANUFACTURERS FOR SERVICE UNITS



| REF. No. | PART No. | DESCRIPTION                     | 3T | 5T | T100 | 6T |
|----------|----------|---------------------------------|----|----|------|----|
| 1        | 551807   | Clip and screw, bulb holder ... |    |    |      |    |
| 2        | 552258   | Screw, bulb holder clip ...     |    |    |      |    |
| 3        | 500181   | Interior, pilot bulb ...        |    |    |      |    |
| 4        | 188156   | Nipple, cable fixing ...        |    |    |      |    |
| 5        | 200      | Bulb, pilot ...                 |    |    |      |    |
| 6        | 169      | Bulb, main ...                  |    |    |      |    |

#### TAIL LAMP

|    |        |                               |   |   |   |   |
|----|--------|-------------------------------|---|---|---|---|
| 7  | 53009A | Tail lamp MT110 ...           |   |   |   |   |
| 8  | 526111 | Base assembly, less bulb ...  |   |   |   |   |
| 9  | 526112 | Body assembly, with glass ... |   |   |   |   |
| 10 | 200    | Bulb ...                      |   |   |   |   |
| 11 | 571395 | Connector ...                 |   |   |   |   |
| 12 | 104460 | Screw, tail lamp ...          | 3 | 3 | 2 | 2 |
| 13 | 165334 | Nut, tail lamp screw ...      | 3 | 3 | 3 | 3 |

#### COMBINED STOP AND TAIL LAMP

|    |        |                                   |   |   |   |   |
|----|--------|-----------------------------------|---|---|---|---|
| 14 | 53122B | Stop and Tail lamp, combined ...  |   |   |   |   |
| 15 | 526302 | Cover, lamp and cable rubber ...  |   |   |   |   |
| 16 | 190    | Bulb, tail lamp ...               |   |   |   |   |
| 17 | 16543  | Screw, fixing ...                 | 3 | 3 | 3 | 3 |
|    |        | Nut, " screw ...                  | 3 | 3 | 3 | 3 |
| 18 | 315725 | Switch, stop ...                  |   |   |   |   |
| 19 | H687   | Screw, " switch to chainguard ... | 2 | 2 | 2 | 2 |
| 20 | GS299  | Washer, " " " screw ...           | 2 | 2 | 2 | 2 |
| 21 | F3158  | Spring, " " operating ...         |   |   |   |   |
| 22 | T988   | Clip, spring to brake rod ...     |   |   |   |   |
| 23 | H687   | Screw, clip to brake rod ...      |   |   |   |   |
| 24 | GS299  | Washer, " " " screw ...           |   |   |   |   |
| 25 | H745   | Nut, " " " & switch screws ...    | 2 | 2 | 2 | 2 |

#### CABLE HARNESS

|    |         |  |  |  |  |  |
|----|---------|--|--|--|--|--|
| 26 | 993921E | Harness, cable complete ...                    |  |  |  |  |
| 27 | 993928  | Harness, headlamp to main ...                  |  |  |  |  |
| 28 | 993922  | Harness, headlamp dipper and main switch... .. |  |  |  |  |

#### NACELLE INSTRUMENT PANEL

|    |         |                               |  |  |  |  |
|----|---------|-------------------------------|--|--|--|--|
| 29 | 351584A | Switch, lighting ...          |  |  |  |  |
| 30 | 351567  | Lever, switch, with screw ... |  |  |  |  |
| 31 | 36129A  | Ammeter ...                   |  |  |  |  |
| 32 | 31071A  | Button, cut-out ...           |  |  |  |  |

#### DIMMER SWITCH

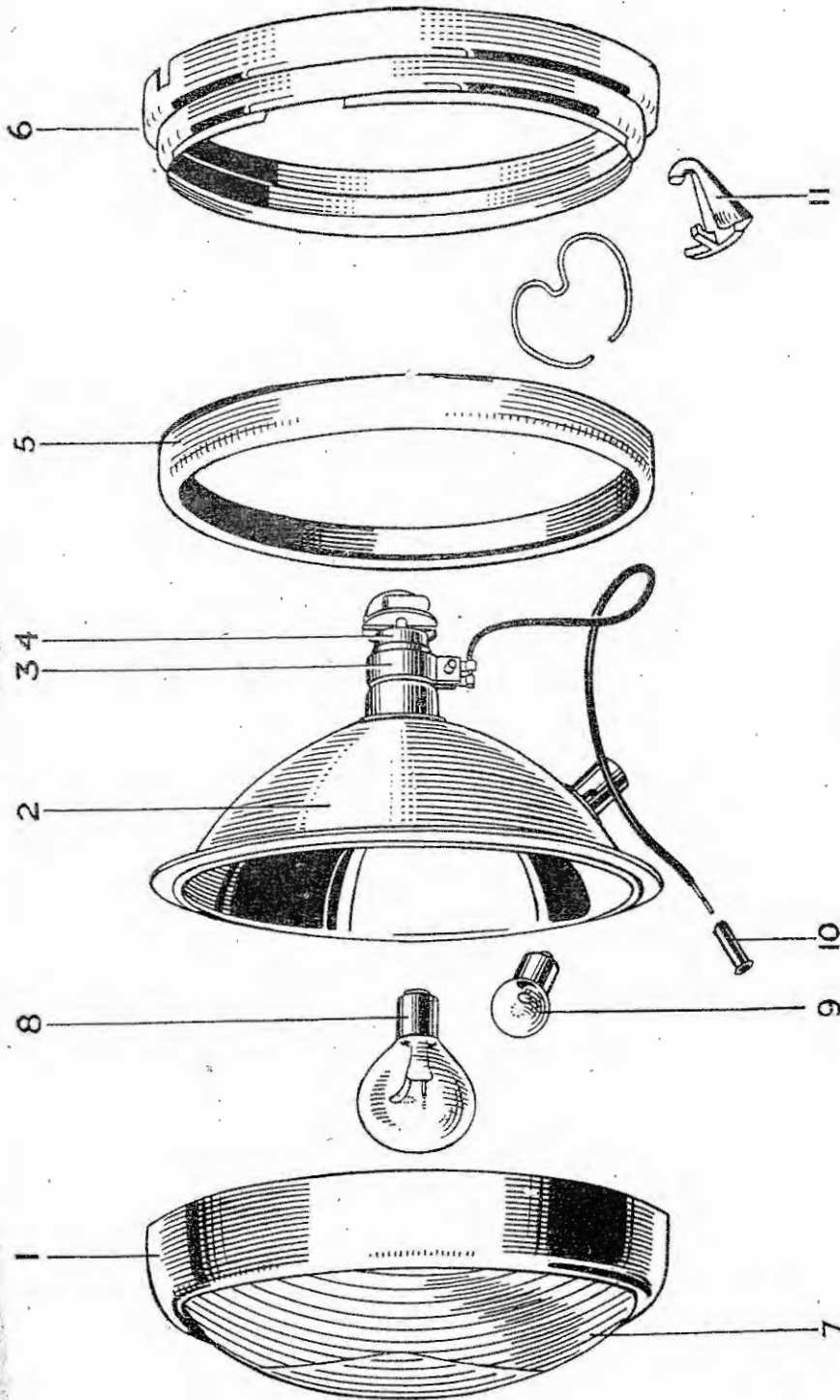
|    |        |                            |   |   |   |   |
|----|--------|----------------------------|---|---|---|---|
| 33 | 380056 | Switch, dimmer ...         |   |   |   |   |
| 34 | H689   | Screw, switch to clamp ... | 2 | 2 | 2 | 2 |

#### BATTERY

|    |         |                           |   |   |   |   |
|----|---------|---------------------------|---|---|---|---|
| 35 | FUW7E/4 | Battery, 6 volt (dry) ... |   |   |   |   |
| 36 | S2263/4 | Plug vent, c/w washer ... | 3 | 3 | 3 | 3 |

SEE SPECIMEN ORDER IN PREFACE

# HEADLAMP



## INDEX

| Illust. No. | Part No. | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
|-------------|----------|------|------|-------------|----------|------|------|
| 1           | 509,487  | 89   | 38   | 7           | 550,875  | 89   | 39   |
| 2           | 553,147  | 89   | 40   | 8           | 169      | 90   | 6    |
| 3           | 551,807  | 90   | 1    | 9           | 200      | 90   | 5    |
| 4           | 504,801  | 89   | 44   | 10          | 188,156  | 90   | 4    |
| 5           | 553,065  | 89   | 41   | 11          | 509,936  | 89   | 43   |
| 6           | 516,298  | 89   | 35   |             |          |      |      |



### HORN

|   |        |                       |     |     |     |   |   |   |   |
|---|--------|-----------------------|-----|-----|-----|---|---|---|---|
| 1 | 70048B | Horn, Altette, HF1441 | ... | ... | ... | 1 | 1 | 1 | 1 |
| 2 | 701851 | Bracket, horn         | ... | ... | ... | 1 | 1 | 1 | 1 |
| 3 | 76200A | Push, horn button     | ... | ... | ... | 1 | 1 | 1 | 1 |

### MAGNETO (LUCAS TYPE K2 F-R O)

|    |        |  |     |     |     |   |   |   |   |
|----|--------|--|-----|-----|-----|---|---|---|---|
| 4  | 42111B | Magneto c/w auto advance                 | ... | ... | ... | 1 | 1 | 1 | 1 |
| 5  | 458333 | Armature assembly                        | ... | ... | ... | 1 | 1 | 1 | 1 |
| 6  | 455361 | Slip ring                                | ... | ... | ... | 1 | 1 | 1 | 1 |
| 7  | 189291 | Bearing (C.B.E. and D.E.)                | ... | ... | ... | 2 | 2 | 2 | 2 |
| 8  | 458339 | Condenser assembly                       | ... | ... | ... | 1 | 1 | 1 | 1 |
| 9  | 458619 | Cover, contact breaker                   | ... | ... | ... | 1 | 1 | 1 | 1 |
| 10 | 470534 | Contact breaker assembly                 | ... | ... | ... | 1 | 1 | 1 | 1 |
| 11 | 122160 | Screw, contact breaker fixing            | ... | ... | ... | 1 | 1 | 1 | 1 |
| 12 | 470609 | Contact breaker set                      | ... | ... | ... | 1 | 1 | 1 | 1 |
| 13 | 470688 | Spring set                               | ... | ... | ... | 1 | 1 | 1 | 1 |
| 14 | 470537 | Brush and spring, C.B. earth             | ... | ... | ... | 1 | 1 | 1 | 1 |
| 15 | 458613 | Spring pillar, C.B. cover securing       | ... | ... | ... | 1 | 1 | 1 | 1 |
| 16 | 100020 | Screw, C.B. end plate fixing             | ... | ... | ... | 1 | 1 | 1 | 1 |
| 17 | 185037 | Washer, ,, ,, ,, ,,                      | ... | ... | ... | 1 | 1 | 1 | 1 |
| 18 | 458355 | Washer, ,, ,, ,, shim                    | ... | ... | ... | 1 | 1 | 1 | 1 |
| 19 | 458356 | Washer, ,, ,, ,,                         | ... | ... | ... | 1 | 1 | 1 | 1 |
| 20 | 458389 | Cam assembly                             | ... | ... | ... | 1 | 1 | 1 | 1 |
| 21 | 458633 | End plate assembly                       | ... | ... | ... | 1 | 1 | 1 | 1 |
| 22 | 465129 | Cup, bearing, insulating                 | ... | ... | ... | 2 | 2 | 2 | 2 |
| 23 | 455191 | Brush, spring and holder (magneto earth) | ... | ... | ... | 1 | 1 | 1 | 1 |
| 24 | 455190 | Brush and spring                         | ... | ... | ... | 1 | 1 | 1 | 1 |
| 25 | 458370 | Spring pin, pick up fixing               | ... | ... | ... | 2 | 2 | 2 | 2 |
| 26 | 458375 | Seal, rubber oil                         | ... | ... | ... | 1 | 1 | 1 | 1 |
| 27 | 458644 | Pick up with brush and spring (LH)       | ... | ... | ... | 1 | 1 | 1 | 1 |
| 28 | 458643 | Pick up with brush and spring (RH)       | ... | ... | ... | 1 | 1 | 1 | 1 |
| 29 | 451260 | Brush and spring, pick up                | ... | ... | ... | 2 | 2 | 2 | 2 |
| 30 | 47502A | Auto advance unit                        | ... | ... | ... | 1 | 1 | 1 | 1 |
| 31 | 498157 | Spring, auto advance                     | ... | ... | ... | 2 | 2 | 2 | 2 |
| 32 | 415116 | Spanner and point gauge                  | ... | ... | ... | 1 | 1 | 1 | 1 |
| 33 | E2415  | Clip, H.T. lead                          | ... | ... | ... | 1 | 1 | 1 | 1 |

WHEN IN DOUBT SEND SAMPLE



## GASKET SETS

Including all necessary gaskets for decarbonising, with the exception of the cylinder head gasket which is supplied separate if required.

|           |     |                   |
|-----------|-----|-------------------|
| GS350T/48 | ... | Gasket set for 3T |
| GS5T/50   | ... | " " " 5T          |
| GST100/50 | ... | " " " T100        |
| GS6T/50   | ... | " " " 6T          |

## GEAR RATIOS

| Engine Sprocket   | STANDARD RATIO |      |       |       | WIDE RATIO |       |       |       |
|-------------------|----------------|------|-------|-------|------------|-------|-------|-------|
|                   | Top            | 3rd  | 2nd   | 1st   | Top        | 3rd   | 2nd   | 1st   |
| 17                | 6.46           | 7.70 | 10.94 | 15.8  | 6.46       | 9.22  | 14.30 | 18.85 |
| 18                | 6.10           | 7.28 | 10.32 | 14.9  | 6.10       | 8.70  | 13.50 | 17.80 |
| 19                | 5.80           | 6.90 | 9.80  | 14.15 | 5.80       | 8.25  | 12.80 | 16.85 |
| 20                | 5.50           | 6.55 | 9.30  | 13.40 | 5.50       | 7.84  | 12.18 | 16.00 |
| 21                | 5.24           | 6.24 | 8.85  | 12.80 | 5.24       | 7.46  | 11.58 | 15.25 |
| 22                | 5.00           | 5.95 | 8.45  | 12.20 | 5.00       | 7.13  | 11.05 | 14.55 |
| 23                | 4.78           | 5.69 | 8.09  | 11.69 | 4.78       | 6.82  | 10.60 | 13.90 |
| 24                | 4.57           | 5.45 | 7.75  | 11.20 | 4.57       | 6.54  | 10.14 | 13.35 |
| 25                | 4.40           | 5.24 | 7.45  | 10.75 | 4.40       | 6.26  | 9.73  | 12.80 |
| Gearbox Reduction | 1.00           | 1.19 | 1.69  | 2.44  | 1.00       | 1.425 | 2.21  | 2.915 |

| CLOSE RATIO       |      |       |       |       |
|-------------------|------|-------|-------|-------|
| Engine Sprocket   | Top  | 3rd   | 2nd   | 1st   |
| 17                | 6.46 | 7.06  | 8.42  | 11.00 |
| 18                | 6.10 | 6.66  | 7.95  | 10.40 |
| 19                | 5.80 | 6.32  | 7.54  | 9.84  |
| 20                | 5.50 | 6.00  | 7.15  | 9.35  |
| 21                | 5.24 | 5.72  | 6.81  | 8.90  |
| 22                | 5.00 | 5.45  | 6.50  | 8.50  |
| 23                | 4.78 | 5.23  | 6.23  | 8.12  |
| 24                | 4.57 | 5.00  | 5.96  | 7.78  |
| 25                | 4.40 | 4.80  | 5.73  | 7.46  |
| Gearbox Reduction | 1.00 | 1.090 | 1.300 | 1.695 |

## PARTS REQUIRED TO CONVERT

### FROM STANDARD TO WIDE RATIO

|      |     |                     |
|------|-----|---------------------|
| T969 | ... | Mainshaft High Gear |
| T968 | ... | " 2nd "             |
| T971 | ... | Layshaft High "     |
| T974 | ... | " 2nd "             |

### FROM WIDE TO STANDARD RATIO

|      |     |                     |
|------|-----|---------------------|
| T918 | ... | Mainshaft High Gear |
| T916 | ... | " 2nd "             |
| T921 | ... | Layshaft High "     |
| T925 | ... | " 2nd "             |



# GUARANTEE

WE give the following guarantee with our motor cycles, motor cycle combinations and sidecars including all accessories and component parts other than tyres, saddles, chains and lighting and electrical equipment, and other than accessories and component parts supplied to the order of the Purchaser and differing from those comprised in the standard specifications supplied with our motor cycles, motor cycle combinations and sidecars, but including accessories and parts supplied by way of exchange as hereinafter provided. This guarantee is given in place of any implied conditions or warranties or any liabilities whatsoever statutory or otherwise; no guarantee except that hereinafter contained and no conditions or warranty whatsoever statutory or otherwise is given or is to be implied, nor are we to be under any liability whatsoever except under the guarantee hereinafter contained. Any statement, description, condition or representation contained in any catalogue, advertisement, leaflet or other publication shall not be construed as enlarging, varying or overriding anything herein contained. In the case of machines (a) which have been used for "hiring out" purposes or (b) any motor cycle and/or sidecar used for any dirt tracks, cinder track or grass track racing or competitions (or any competition of any kind within an enclosure for which a charge is made for admission to take part in or view the competition) or (c) machines from which the trade mark, name or manufacturing number has been altered or removed or (d) any machines in which parts have been used not supplied by or approved by the motor cycle manufacturer, or (e) any machine from which the silencing system as fitted by the manufacturer has been partially or wholly removed or interfered with, no guarantee, condition or warranty of any kind statutory or otherwise is given or is to be implied nor are we to be under any liability whatsoever in respect of any such machine.

We guarantee, subject to the conditions mentioned below, that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, but this guarantee is to extend and be in force for six months only from date of purchase, or date of exchange in case of any accessory or part supplied by way of exchange as hereinafter provided, and damages for which we make ourselves responsible under this guarantee are limited to the free repair of or supply of a new part or accessory in exchange for the part of the motor cycle, motor cycle combination or side car or accessory which may have proved defective. We undertake, subject to the conditions mentioned below, to make good in manner aforesaid any part or accessory covered by this guarantee which has proved defective within the said period of six months. We do not undertake to replace or refix, or bear the cost of replacing or refixing any such new part or accessory in the motor cycle, motor cycle combination or sidecar. As motor cycles, motor cycle combinations and sidecars are easily liable to derangement by neglect or misuse, this guarantee does not apply to defects caused by wear and tear, misuse or neglect.

The term "misuse" shall include amongst others the following acts :—

1. The attaching of a sidecar to a motor cycle in such a manner as to cause damage or calculated to render the latter unsafe when ridden.
2. The use of a motor cycle or of a motor cycle and sidecar combined, when carrying more persons or a greater weight than that for which the machine was designed by the manufacturers.
3. The attaching of a sidecar to a motor cycle by any form of attachment not provided, supplied, or approved by the manufacturers, or to a motor-cycle which is not designed for such use.

We do not guarantee tyres, saddles, chains or lighting and electrical equipment, or any accessories or component parts supplied to the order of the Purchaser differing from those comprised in the standard specifications supplied with our motor cycles, motor cycle combinations or sidecars. As regards all such tyres, saddles, chains, lighting and electrical equipment, accessories and component parts, no guarantee, condition or warranty of any kind statutory or otherwise is given or is to be implied, and we are to be under no liability whatsoever in respect thereof.



## CONDITIONS OF GUARANTEE

If a defective part or accessory should be found in our motor cycles, motor cycle combinations or sidecars, or in any part or accessory supplied by way of exchange as before provided, it must be sent to us CARRIAGE PAID, and accompanied by an intimation from the owner that he desires to have it repaired or exchanged free of charge under our guarantee and he must also furnish us at the same time with the frame number of the machine, the date of purchase or the date when the alleged defective part or accessory was exchanged as the case may be.

Failing compliance with the above, such articles will lie here at THE RISK OF THE OWNER, and this guarantee and any implied guarantee, warranty or condition shall not be enforceable.

## REPAIRS

Any motor cycle, motor cycle combination or sidecar sent to us to be plated, enamelled or repaired will be repaired upon the following conditions, i.e., we guarantee that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, such guarantee to extend and be in force for three months only from the time such work shall have been executed, and this guarantee is in lieu and in exclusion of all conditions and warranties statutory or otherwise and all liabilities whatsoever and the damages recoverable are limited to the cost of any further work which may be necessary to amend and make good the work found to be defective.

## NOTICE

We do not appoint agents for the sale on our behalf of our motor cycles or other goods, but we assign to motor cycle Dealers areas in which we supply to such Dealers exclusively for re-sale in such areas. No such Dealer is authorised to transact any business, give any warranty, make any representation or incur any liability on our behalf. All goods are offered for sale subject to the price ruling at time of delivery. We reserve the right to modify or deviate from the published specification.



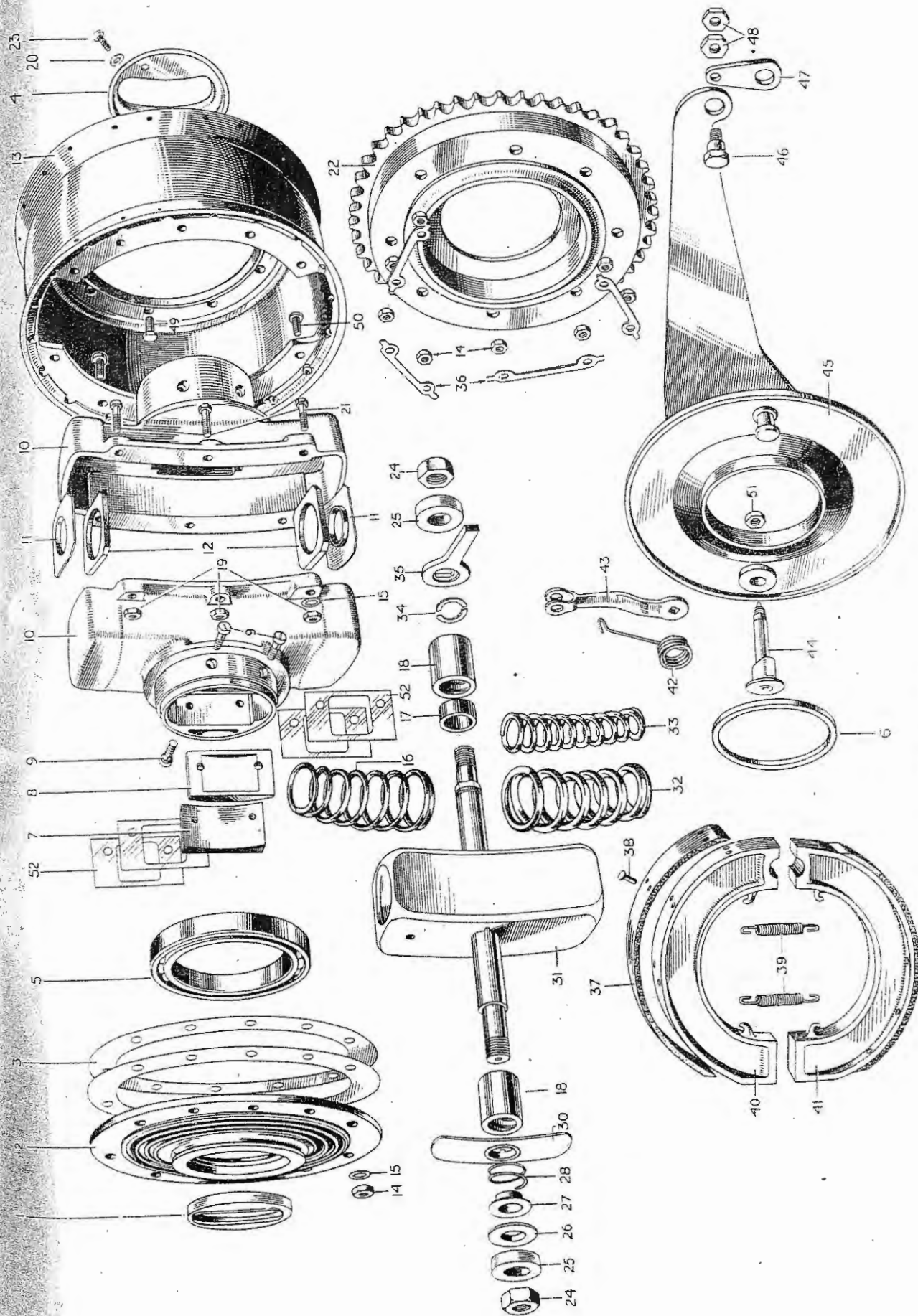
## REAR SPRING WHEEL GROUP MARK II

Commencing Frame No. 7439

| REF. No. | PART No. | DESCRIPTION                     | 3T | 5T | T100 | 6T |
|----------|----------|---------------------------------|----|----|------|----|
| 1        | W.925    | Wheel complete ... ..           | —  | 1  | 1    | 1  |
| 2        | W.923    | Wheel complete ... ..           | 1  | —  | —    | —  |
| 3        | W.928    | Wheel, less internals ... ..    | 1  | 1  | 1    | 1  |
| 4        | W.643    | Rim ... ..                      | 1  | 1  | 1    | 1  |
| 5        | W.644    | Spoke ... ..                    | 40 | 40 | 40   | 40 |
| 6        | S79-2    | Nipples, spoke ... ..           | 40 | 40 | 40   | 40 |
| 7        | W.905    | Hub, shell assembly ... ..      | 1  | 1  | 1    | 1  |
| 8        | W.903    | Drum, sprocket and brake ... .. | 1  | 1  | 1    | 1  |

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| Illust. No. | Part No. | Page | Ref. | Illust. No. | Part No. | Page | Ref. |
|-------------|----------|------|------|-------------|----------|------|------|
| 1           | W.879    | 98   | 38   | 29          |          |      |      |
| 2           | W.909    | 98   | 6    | 30          | W.898    | 98   | 39   |
| 3           | W.744    | 98   | 7    | 31          | W.895    | 98   | 22   |
| 4           | W.901    | 98   | 35   | 32          | W.836    | 98   | 26   |
| 5           | W.897    | 98   | 4    | 33          | W.837    | 98   | 25   |
| 6           | W.904    | 98   | 5    | 34          | W.634    | 98   | 31   |
| 7           | W.886    | 98   | 14   | 35          | W.639    | 98   | 30   |
| 8           | W.885    | 98   | 13   | 36          | W.642    | 98   | 2    |
| 9           | W.638    | 98   | 17   | 37          | W.631    | 99   | 5    |
| 10          | W.906/7  | 98   | 12   | 38          | W.129    | 99   | 6    |
| 11          | W.664A   | 98   | 29   | 39          | W.135    | 99   | 7    |
| 12          | W.658A   | 98   | 28   | 40          | W.912    | 99   | 4    |
| 13          | W.905    | 96   | 7    | 41          | W.911    | 99   | 3    |
| 14          | F.879    | 98   | 3    | 42          | W.123    | 99   | 11   |
| 15          | E.2312   | 98   | 9    | 43          | W.74A    | 99   | 9    |
| 16          | W.890    | 98   | 27   | 44          | W.915    | 99   | 8    |
| 17          | W.766    | 98   | 24   | 45          | W.920    | 99   | 1    |
| 18          | W.908    | 98   | 23   |             | W.921    | 99   | 2    |
| 19          | S.1-40   | 98   | 21   | 46          | W.784    | 99   | 14   |
| 20          | GS.299   | 98   | 37   | 47          | W.855    | 99   | 12   |
| 21          | E.1562   | 98   | 18   |             | W.626    | 99   | 13   |
| 22          | W.903    | 96   | 8    | 48          | W.630    | 99   | 15   |
| 23          | H.687    | 98   | 36   | 49          | W.641    | 98   | 1    |
| 24          | W.635    | 98   | 34   | 50          | W.640    | 98   | 8    |
| 25          | W.633    | 98   | 33   | 51          | S.1-52   | 99   | 10   |
| 26          | W.798    | 98   | 32   | 52          | W.866    | 98   | 15   |
| 27          | W.900    | 98   | 41   |             | W.867    | 98   | 16   |
| 28          | W.799    | 98   | 40   |             |          |      |      |



TRIUMPH SPRING WHEEL MARK II



| REF. No. | PART No. | DESCRIPTION                                  | 3T          | 5T | T100 | 6T |
|----------|----------|--|-------------|----|------|----|
| 1        | W641     | Bolt, brake drum ... ..                      | 8           | 8  | 8    | 8  |
| 2        | W642     | Lockplate, brake drum bolt ... ..            | 4           | 4  | 4    | 4  |
| 3        | F879     | Nut, brake drum bolt ... ..                  | 8           | 8  | 8    | 8  |
| 4        | W897     | Bearing, wheel ... ..                        | 2           | 2  | 2    | 2  |
| 5        | W904     | Spacer ring, N.S. bearing ... ..             | 1           | 1  | 1    | 1  |
| 6        | W909     | End plate, hub shell ... ..                  | 1           | 1  | 1    | 1  |
| 7        | W744     | Shim, end plate ... ..                       | 9           | 9  | 9    | 9  |
| 8        | W640     | Bolt, end plate to hub shell... ..           | 10          | 10 | 10   | 10 |
| 9        | E2312    | Washer, end plate to hub shell bolt ... ..   | 10          | 10 | 10   | 10 |
| 10       | F879     | Nut, end plate to hub shell bolt ... ..      | 10          | 10 | 10   | 10 |
| 11       | W931     | Plunger guide box assembly ... ..            | 1           | 1  | 1    | 1  |
| 12       | W906/7   | Box, plunger guide ... ..                    | 1           | 1  | 1    | 1  |
| 13       | W885     | Pad, front slipper (Convex) ... ..           | 2           | 2  | 2    | 2  |
| 14       | W886     | Pad, rear slipper (Concave) ... ..           | 2           | 2  | 2    | 2  |
| 15       | W866     | Shim, slipper pad .002" thick ... ..         | As required |    |      |    |
| 16       | W867     | Shim, slipper pad .003" thick ... ..         | As required |    |      |    |
| 17       | W638     | Screw, slipper pad ... ..                    | 8           | 8  | 8    | 8  |
| 18       | E1562    | Bolt, plunger guide box (Top Rear) ... ..    | 2           | 2  | 2    | 2  |
|          |          | (Bottom Front)                               |             |    |      |    |
| 19       | W932     | Bolt, plunger guide box ... ..               | 4           | 4  | 4    | 4  |
| 20       | E2312    | Washer, plunger guide box bolt ... ..        | 6           | 6  | 6    | 6  |
| 21       | SI-40    | Nut, plunger guide box bolt ... ..           | 6           | 6  | 6    | 6  |
| 22       | W895     | Axle and guide assembly ... ..               | 1           | 1  | 1    | 1  |
| 23       | W908     | Roller, slipper ... ..                       | 2           | 2  | 2    | 2  |
| 24       | W766     | Sleeve, slipper roller distance, N.S. ... .. | 1           | 1  | 1    | 1  |
| 25       | W837     | Spring, inner main ... ..                    | 1           | 1  | 1    | 1  |
| 26       | W836     | Spring, outer main ... ..                    | 1           | 1  | 1    | 1  |
| 27       | W890     | Spring, rebound ... ..                       | 1           | 1  | 1    | 1  |
| 28       | W658a    | Buffer, plunger ... ..                       | 2           | 2  | 2    | 2  |
| 29       | W664a    | Locator plate, spring ... ..                 | 2           | 2  | 2    | 2  |
| 30       | W639     | Lever, axle shaft anchorage ... ..           | 1           | 1  | 1    | 1  |
| 31       | W634     | Circlip, axle shaft split... ..              | 2           | 2  | 2    | 2  |
| 32       | W798     | Collar, axle shaft distance, O.S. ... ..     | 1           | 1  | 1    | 1  |
| 33       | W633     | Collar, axle shaft outer ... ..              | 2           | 2  | 2    | 2  |
| 34       | W635     | Nut, axle shaft ... ..                       | 2           | 2  | 2    | 2  |
| 35       | W901     | Cover, dust excluder, N.S. ... ..            | 1           | 1  | 1    | 1  |
| 36       | H687     | Screw, dust excluder, N.S. cover ... ..      | 2           | 2  | 2    | 2  |
| 37       | GS299    | Washer, dust excluder cover ... ..           | 2           | 2  | 2    | 2  |
| 38       | W849     | Cover, dust excluder, O.S. ... ..            | 1           | 1  | 1    | 1  |
| 39       | W898     | Plate, dust excluder ... ..                  | 2           | 2  | 2    | 2  |
| 40       | W799     | Spring, dust excluder plate ... ..           | 2           | 2  | 2    | 2  |
| 41       | W900     | Sleeve, dust excluder plate centre ... ..    | 2           | 2  | 2    | 2  |



| REF. No.                  | PART No.   | DESCRIPTION                               | 3T | 5T | T100 | 6T |
|---------------------------|------------|---|----|----|------|----|
| <b>SPRING WHEEL BRAKE</b> |            |   |    |    |      |    |
| 1                         | W920       | Plate, brake anchor ... ..                | 1  | —  | —    | —  |
| 2                         | W921       | Plate, brake anchor ... ..                | —  | 1  | 1    | 1  |
| 3                         | W911       | Shoe, c/w lining, trailing brake ... ..   | 1  | 1  | 1    | 1  |
| 4                         | W912       | Shoe c/w lining, leading brake ... ..     | 1  | 1  | 1    | 1  |
| 5                         | W631       | Lining, brake shoe ... ..                 | 2  | 2  | 2    | 2  |
| 6                         | W129       | Rivet, brake shoe lining ... ..           | 16 | 16 | 16   | 16 |
| 7                         | W135       | Spring, brake shoe return ... ..          | 2  | 2  | 2    | 2  |
| 8                         | W915       | Cam, brake operating ... ..               | 1  | 1  | 1    | 1  |
| 9                         | W74a       | Lever, brake operating cam ... ..         | 1  | 1  | 1    | 1  |
| 10                        | S1-52      | Nut, brake operating cam ... ..           | 1  | 1  | 1    | 1  |
| 11                        | W123       | Spring, brake operating cam return ... .. | 1  | 1  | 1    | 1  |
| 12                        | W855       | Link, brake anchorage ... ..              | 1  | —  | —    | —  |
| 13                        | W626       | Link, brake anchorage ... ..              | —  | 1  | 1    | 1  |
| 14                        | W784       | Bolt, brake anchorage bolt ... ..         | 1  | 1  | 1    | 1  |
| 15                        | W630       | Nut, brake anchorage bolt ... ..          | 2  | 2  | 2    | 2  |
| 16                        | W743       | Nut, brake pedal spindle ... ..           | 1  | 1  | 1    | 1  |
| 17                        | 3/32" × 1" | Split pin, brake pedal spindle nut ... .. | 1  | 1  | 1    | 1  |
| 18                        | F1015c     | Rod, brake operating ... ..               | 1  | —  | —    | —  |
| 19                        | F1015d     | Rod, brake operating ... ..               | —  | 1  | 1    | 1  |
| 20                        | D106       | Bolt, tyre security ... ..                | 1  | 1  | 1    | 1  |

## TWIN SEAT GROUP

|    |       |   |   |   |   |   |
|----|-------|---|---|---|---|---|
| 21 | F3153 | Twinseat complete with all attachments ... ..     | — | 1 | 1 | 1 |
| 22 | F3122 | Bracket, twinseat centre ... ..                   | — | 1 | 1 | 1 |
| 23 | F879  | Nut, twinseat centre bracket ... ..               | — | 2 | 2 | 2 |
| 24 | E1612 | Washer, twinseat centre bracket ... ..            | — | 2 | 2 | 2 |
| 25 | F1760 | Bolt, centre bracket to seat lug ... ..           | — | 2 | 2 | 2 |
| 26 | W76   | Nut, centre bracket to seat lug ... ..            | — | 2 | 2 | 2 |
| 27 | S25-2 | Washer, centre bracket to seat lug ... ..         | — | 2 | 2 | 2 |
| 28 | E2593 | Bolt, nose bracket ... ..                         | — | 1 | 1 | 1 |
| 29 | S1-51 | Nut, nose bracket ... ..                          | — | 1 | 1 | 1 |
| 30 | E2287 | Washer, nose bracket ... ..                       | — | 1 | 1 | 1 |
| 31 | DS58  | Bolt, rear bracket to mudguard ... ..             | — | 2 | 2 | 2 |
| 32 | S1-51 | Nut, rear bracket to mudguard ... ..              | — | 2 | 2 | 2 |
| 33 | S25-3 | Washer, rear bracket to mudguard (plain) ... ..   | — | 4 | 4 | 4 |
| 34 | E2287 | Washer, rear bracket to mudguard (serrate) ... .. | — | 2 | 2 | 2 |

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