



Matchless
IN NAME & REPUTATION

SPARE PARTS LIST

1939

PRICE 1/- NETT

**MATCHLESS
MOTOR CYCLES**

(Proprietors: ASSOCIATED MOTOR CYCLES LIMITED)

PLUMSTEAD, LONDON, S.E. 18



SPARES LIST FOR ALL 1939 MATCHLESS MOTOR CYCLES

HOW TO ORDER SPARES.

STATE:—

- (1) The Model of the machine.
- (2) The Engine number.
- (3) The Frame number.
- (4) The Description of parts required.
- (5) The PART NUMBERS of the parts required.
- (6) The quantity that is required of each item.
- (7) How you wish the spares to be sent.
- (8) Your full name and address. These particulars are best written in block lettering.

ALSO

Enclose a remittance to cover the cost of the spares and the carriage, unless you have a deposit account or wish the goods to be sent "Cash on Delivery." When cash is sent, any excess will be refunded. Please note we only send goods by the C.O.D. system when the total value is five shillings or over.

It is advisable to date and number your order and to keep a copy for reference in case of misunderstanding.

An increase of ten per cent. was made in the Retail Prices of all Motor Cycle Spares on September 1st, 1937. The prices in this list, save for a few exceptions, are all subject to that increase. The exceptions are specially indicated by an asterisk placed after the price.

PLEASE NOTE THE PRICES OF SPARES DO NOT INCLUDE THE COST OF CARRIAGE. SPARES CAN ONLY BE SENT "CARRIAGE FORWARD" BY GOODS TRAIN AND THIS IS THE SLOWEST METHOD OF TRANSIT.

ALL PRICES AND SPECIFICATIONS ARE SUBJECT TO ALTERATION WITHOUT NOTICE.

| | |
|---|---|
| Address all correspondence to:— MESSRS. MATCHLESS MOTOR CYCLES, PLUMSTEAD ROAD, LONDON, S.E.18. | Address all Goods to:— MESSRS. MATCHLESS MOTOR CYCLES, BURRAGE GROVE, LONDON, S.E.18. |
| Telephone: WOOLWICH 1223. Telegrams: "MATCHLESS—WOL—LONDON." | |

COMPILED AND PUBLISHED BY MESSRS. MATCHLESS MOTOR CYCLES,
(Proprietors Messrs. Associated Motor Cycles Limited)

Plumstead Road, London, S.E.18.

March, 1939.

1939 MATCHLESS MOTOR CYCLES.

CLUBMAN MODELS.

| | | | | |
|--------------|----------|--------|-------------|----------------|
| MODEL 39/G2 | 246 c.c. | O.H.V. | SINGLE PORT | COIL IGNITION. |
| MODEL 39/G2M | 246 c.c. | O.H.V. | TWO PORT | MAGNETO. |
| MODEL 39/G3 | 347 c.c. | O.H.V. | SINGLE PORT | MAGNETO. |
| MODEL 39/G80 | 498 c.c. | O.H.V. | TWO PORT | MAGNETO. |

On above Models Low exhaust pipes are standard but high pipes are optional. Models G2, G3 and G80 have wheels with black centres. Model G2M has wheels with red centres.

Model G2 has the petrol tank finished in black and gold. Model G2M has the petrol tank finished in chromium plate and red. Models G3 and G80 have the petrol tanks finished in chromium plate with black panels and gold lines. 26" by 3.25" tyres are fitted to all Clubman Models.

SUPER CLUBMAN MODELS.

| | | | | |
|--------------|----------|--------|-------------|----------|
| MODEL 39/G4 | 347 c.c. | O.H.V. | SINGLE PORT | MAGNETO. |
| MODEL 39/G90 | 498 c.c. | O.H.V. | SINGLE PORT | MAGNETO. |

On above Models Low or High exhaust pipes are optional. The wheels have red centres and the tanks are finished in chromium plate and red. The rear tyres are 26" by 3.50" and the front tyres are 26" by 3".

CLUBMAN SPECIAL MODELS. (COMPETITION MODELS).

| | | | | |
|---------------|----------|--------|-------------|----------|
| MODEL 39/G2MC | 246 c.c. | O.H.V. | SINGLE PORT | MAGNETO. |
| MODEL 39/G3C | 347 c.c. | O.H.V. | SINGLE PORT | MAGNETO. |
| MODEL 39/G90C | 498 c.c. | O.H.V. | SINGLE PORT | MAGNETO. |

On above models High exhaust pipes are fitted. Low pipes are not optional. The wheels have red centres and the tanks are finished in chromium plate and red. No instrument panels are fitted in the tops of the tanks. Dunlop competition saddles are standard. All rear tyres are 27" by 4". A 26" by 3" tyre is fitted to the front wheel on Model G2MC and 27" by 2.75" tyres to the front wheels of Models G3C and G90C.

TOURIST MODELS.

| | | | |
|-------------|----------|-----------------|----------------|
| MODEL 39/G7 | 246 c.c. | SIDE VALVE | COIL IGNITION. |
| MODEL 39/G5 | 498 c.c. | SIDE VALVE | COIL IGNITION. |
| MODEL 39/X | 990 c.c. | SIDE VALVE TWIN | MAGNETO. |

On above models wheels with black centres are fitted to Models G5 and G7, and wheels with red centres are fitted to Model X. On Model G7 the petrol tank is finished in black and gold, on Model G5 it is finished in chromium plate with black panels and gold lines and, on Model X it is finished in chromium plate and red. On all Models front and rear wheels are fitted with 26" by 3.25" tyres, with the exception of Model X which has a 27" by 4" tyre on the rear wheel.

TERMS OF BUSINESS.

When communicating with us on any Service or Spares matter always quote the COMPLETE engine number which will be found stamped on the crankcase, just underneath the cylinder barrel, on the left hand side.

Our routine is organised into different departments, therefore delay cannot be avoided if matters relating to more than one department are contained in one letter. Consequently it is advisable when communicating with more than one department, to do so on separate sheets, each of which should bear your name and address.

We are always pleased to quote for any Spares or Repairs that may be required.

Our terms are, Cash with order, Cash on delivery, Cash against pro-forma invoice or approved Ledger account. Please note we do not send goods by the Cash on Delivery (C.O.D.) system unless the total value of the order is five shillings or over. We mention that the minimum postage fee for a C.O.D. parcel is ten pence.

Deposit accounts can be opened for the convenience of our customers who wish to avoid delay and the usual deposit is £2.

Orders from abroad should be accompanied by a remittance to cover costs of the goods and the postal charges, but we shall be pleased to supply by "Cash on Delivery" (V.P.P.) where that system is in operation. In the latter instance a deposit of approximately 25 per cent. of the value of the goods must be remitted with the order.

When sending orders by telegram or cable do not omit your name and address.

Parts sent to us as patterns, or for repair, should have attached to them a label bearing the sender's full name and address. Instructions regarding such goods should be sent under separate cover.

Instructions regarding repairs should be clear and definite, otherwise the cost may be greater than that expected. We shall be pleased to give estimates for repairs if parts are sent to us for that purpose. If the estimate is accepted no charge is made for the preliminary examination but, should it be decided not to have the work carried out, it may be necessary to make a charge to cover the cost of whatever dismantling and re-assembly may have been necessary to prepare the estimate.

Against each item in this list is the number of such item used on one machine. In a very few instances it is not possible to state how many of an item is used and, in those cases, the symbol "Q" is inserted in lieu of a definite quantity.

If it is necessary to bring a machine, or parts, to the works for an urgent repair it is essential you make an appointment beforehand to avoid disappointment. This can be done by letter or telephone.

The SERVICE AND REPAIR DEPARTMENT is situated in BURRAGE GROVE, PLUMSTEAD, LONDON, S.E.18, and is open on Mondays to Fridays from 9 a.m. to 6 p.m., and on Saturdays from 9 a.m. to 1 p.m. It is closed on Sundays and National Holidays.

THE FOLLOWING ABBREVIATIONS ARE USED IN THIS LIST :

- “ ALL 350 OHV ” ... meaning Models: 39/G3, 39/G3C and 39/G4.
- “ ALL 500 OHV ” ... meaning Models: 39/G80, 39/G90 and 39/G90C.
- “ ALL 350 and 500 OHV ” meaning Models: 39/G3, 39/G3C, 39/G4, 39/G80, 39/G90 and 39/G90C.
- “ ALL OHV MODELS ” meaning Models: 39/G2, 39/G2M, 39/G2MC, 39/G3, 39/G3C, 39/G4, 39/G80, 39/G90 and 39/G90C.
- “ ALL C.P. BOXES ” ... meaning all Models fitted with type C.P. Burman gear boxes, which are Models: 39/G2MC, 39/G3, 39/G3C, 39/G4, 39/G5, 39/G80, 39/G90 and 39/G90C.
- “ ALL AS ABOVE ” ... meaning All Models in the GROUP HEADING of that group.

The contraction “ KS ” is used extensively—meaning “ Kick-starter.”

To simplify the “ USED ON ” column the year prefix “ 39 ” has been omitted from all Model Numbers.

ENGINE SECTION.

| Description. | Qty. | Used on. | Price Each. | | | Part Number. |
|--------------------------------|-------|----------------|-------------|----|----|--------------|
| | | | £ | s. | d. | |
| CYLINDER GROUP. | | | | | | |
| Cylinder barrel | 1 | G2, G2M, G2MC | 2 | 0 | 0 | 37-G2-E1 |
| Cylinder barrel | 1 | G3, G3C, G4 | 2 | 0 | 0 | 37-G3-E1 |
| Cylinder barrel | 1 | G80, G90, G90C | 2 | 10 | 0 | 39-G9-E1 |
| Cylinder barrel | (A) 1 | G5 | 2 | 15 | 0 | 37-9-E1 |
| Cylinder barrel | (A) 1 | G7 | 2 | 5 | 0 | 37-G7-E1 |
| Cylinder barrel (Front) | (A) 1 | X | 3 | 6 | 0 | 38-X-E1-F |
| Cylinder barrel (Rear) | (A) 1 | X | 3 | 6 | 0 | 38-X-E1-R |
| Compression plate | (B) 1 | G2M, G2MC | | 1 | 9 | 37-22-E3P |
| Compression plate | (C) 1 | G80, G90, G90C | | 1 | 9 | 38-G9-E3P |
| Paper washer, for base | 1 | G2, G2M, G2MC | | | 2 | 37-12-E3 |
| Paper washer, for base | 1 | G3, G3C, G4 | | | 2 | 37-8-E3 |
| Paper washer, for base | 1 | G80, G90, G90C | | | 2 | 37-8-E3 |
| Paper washer, for base | 1 | G5 | | | 2 | 37-9-E3 |
| Paper washer, for base | 1 | G7 | | | 2 | 37-G7-E3 |
| Paper washer, for base | 2 | X | | | 2 | 37-2-E3 |
| Grease nipple, for valve guide | 2 | G5, G7 | | | 2 | STD-51 |
| Grease nipple, for valve guide | 4 | X | | | 2 | STD-51 |
| Tappet cover | 1 | G5, G7 | | 3 | 9 | 38-G5-E85 |
| Tappet cover | 2 | X | | 3 | 9 | 38-G5-E85 |
| Washer, for tappet cover | 1 | G5, G7 | | | 2 | 37-9-E5 |
| Washer, for tappet cover | 2 | X | | | 2 | 37-9-E5 |
| Screw, fixing tappet cover | 2 | G5, G7 | | | 2 | STD-17 |
| Screw, fixing tappet cover | 4 | X | | | 2 | STD-17 |
| Nut, for base (ordinary type) | 4 | G2, G2M, G2MC | | | 5 | STD-4 |
| Nut, for base (double hexagon) | 4 | G3, G3C, G4 | | | 5 | STD-217 |
| Nut, for base (long type) | 2 | G5 | | | 5 | STD-241 |
| Nut, for base (ordinary type) | 1 | G5 | | | 5 | STD-242 |
| Nut, for base (ordinary type) | 3 | G7 | | | 5 | STD-3 |
| Nut, for base (double hexagon) | 4 | G80, G90, G90C | | | 5 | STD-217 |
| Nut, for base (double hexagon) | 1 | X | | | 5 | CE-197 |
| Nut, for base (ordinary type) | 2 | X | | | 3 | STD-2 |
| Nut, for base (long type) | 3 | X | | | 5 | STD-219 |

(A) Price does not include valve guides. 1s. 6d. extra if valve guides are supplied and fitted.

(B) When fitted (and high compression piston M-124 is used) an ordinary high compression ratio is given. By using high compression piston M-124 and discarding this plate an ultra high compression ratio is given. This plate is not included in the standard equipment of the machine.

(C) When fitted (and standard piston 38-G9-E12 or 38-G9-E12P is used) a normal compression ratio is given. By removing this plate and retaining the standard piston a high compression ratio is given. All 500 OHV machines are equipped with this plate.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|------------------------------|-------|-----------------|-------------|--------------|
| CYLINDER HEAD GROUP. | | | | |
| Head, single port | (D) 1 | G2 | £ 1 16 9 | 38-12-E2 |
| Head, double port | (D) 1 | G2M | 1 16 9 | 38-22-E2 |
| Head, single port, polished | (D) 1 | G2MC | 2 11 9 | 38-22T-E2 |
| Head, single port | (E) 1 | G3, G4 | 6 6 0 | 39-G4-E2 |
| Head, single port, polished | (E) 1 | G3C | 7 1 0 | 39-G4-E2P |
| Head | 1 | G5 | 1 2 6 | 38-9-E2 |
| Head | 1 | G7 | 17 6 | 38-G7-E2 |
| Head, double port | (E) 1 | G80 | 6 10 0 | 39-G8-E2 |
| Head, single port | (E) 1 | G90 | 6 10 0 | 39-G9C-E2 |
| Head, single port, polished | (E) 1 | G90C | 7 5 0 | 39-G9C-E2P |
| Head | 2 | X | 1 2 6 | 38-X-E2 |
| Bolt, fixing head | 4 | G2, G2M, G2MC | 1 6 | FE-88 |
| Bolt, fixing head | 4 | G3, G3C, G4 | 1 9 | 38-G9-E89 |
| Bolt, fixing head | 4 | G80, G90, G90C | 1 9 | 38-G9-E89 |
| Bolt, fixing head | 14 | X | 7 | STD-411 |
| Stud, fixing head | 9 | G5 | 3 | 37-9-E72 |
| Stud, fixing head | 8 | G7 | 3 | 37-G7-E72 |
| Washer, for head fixing bolt | 4 | G2, G2M, G2MC | 1 | STD-170 |
| Washer, for head fixing bolt | 4 | G3, G3C, G4 | 1 | STD-10 |
| Washer, for head fixing bolt | 4 | G80, G90, G90C | 1 | STD-10 |
| Washer, for head fixing stud | 9 | G5 | 1 | STD-10 |
| Washer, for head fixing stud | 8 | G7 | 1 | STD-11 |
| Nut, for head fixing stud | 9 | G5 | 2 | STD-3 |
| Nut, for head fixing stud | 8 | G7 | 2 | STD-4 |
| Gasket, for cylinder head | 1 | G2, G2M, G2MC | 5 | 20371 |
| Gasket, for cylinder head | 1 | G3, G3C, G4 | 5 | 12268 |
| Gasket, for cylinder head | 1 | G5 | 2 3 | 37-9-E4 |
| Gasket, for cylinder head | 1 | G7 | 1 9 | 37-G7-E4 |
| Gasket, for cylinder head | 1 | G80, G90, G90C | 10 | 38-G9-E4 |
| Gasket, for cylinder head | 2 | X | 2 3 | XE-1004 |
| Stud, for carburettor | 2 | G2, G3, G3C, G4 | 3 | STD-271 |
| Stud, for carburettor | 2 | G80, G90, G90C | 3 | STD-271 |
| Stud, for carburettor | 2 | G2M, G2MC | 3 | 38-G2M-E161 |
| Nut, for carburettor stud | 2 | All OHV Models | 2 | STD-4 |

(D) Price does not include valve guides. 4s. 6d. extra if valve guides are supplied and fitted.

(E) Price does not include valve guides. 5s. 0d. extra if valve guides are supplied and fitted.

VALVE GROUP.

| | | | | |
|---------------------------------------|---|----------------|-----|------------|
| Valve, inlet or exhaust | 2 | G2, G2M, G2MC | 7 6 | STD-675 |
| Valve, inlet or exhaust | 2 | G7 | 4 6 | D7-E1706 |
| Valve, inlet or exhaust | 4 | X | 6 0 | M3-E342 |
| Valve, inlet | 1 | G3, G3C, G4 | 6 6 | STD-676 |
| Valve, inlet | 1 | G5 | 5 0 | D5-E1506 |
| Valve, exhaust | 1 | G80, G90, G90C | 8 6 | STD-678 |
| Valve, exhaust | 1 | G3, G3C, G4 | 7 6 | STD-677 |
| Valve, exhaust | 1 | G5 | 5 0 | 37-9-E206 |
| Valve, exhaust | 1 | G80, G90, G90C | 8 6 | STD-679 |
| Spring, for valve, inner | 2 | G2, G2M, G2MC | 6 | CE-211 |
| Spring, for valve, outer | 2 | G2, G2M, G2MC | 1 0 | CE-212 |
| Spring, for valve, narrow prong | 2 | G3, G3C, G4 | 3 6 | 38-G4-E211 |
| Spring, for valve, wide prong | 2 | G3, G3C, G4 | 3 6 | 38-G4-E212 |
| Spring, for valve | 2 | G5, G7 | 1 0 | XE-119 |
| Spring, for valve, narrow prong | 2 | G80, G90, G90C | 3 6 | 38-G4-E211 |
| Spring, for valve, wide prong | 2 | G80, G90, G90C | 3 6 | 38-G4-E212 |
| Spring, for valve | 4 | X | 1 0 | XE-119 |
| Collar, for valve spring | 2 | G2, G2M, G2MC | 1 2 | V2-E209 |
| Collar, for valve spring | 2 | G3, G3C, G4 | 2 6 | 35-G3-E209 |
| Collar, for valve spring | 2 | G5, G7 | 6 | XE-9 |
| Collar, for valve spring | 2 | G80, G90, G90C | 2 6 | 35-G3-E209 |
| Collar, for valve spring | 4 | X | 6 | XE-9 |
| Cup, for valve spring | 2 | G2, G2M, G2MC | 1 3 | 37-12-E190 |
| Cup, for valve spring | 2 | G5, G7 | 1 3 | 37-9-E190 |
| Cup, for valve spring | 4 | X | 1 3 | 37-9-E190 |
| Distance sleeve, for valve spring cup | 2 | G2, G2M, G2MC | 6 | 37-12-E191 |
| Collet, for valve (in two pieces) | 2 | All OHV Models | 9 | STD-686 |
| Cotter, for valve | 2 | G5, G7 | 3 | L3-E250 |
| Cotter, for valve | 2 | X | 3 | L3-E250 |
| Cap. (or thimble), for valve stem | 2 | All OHV Models | 7 | STD-685 |
| Guide, for valve | 2 | G2, G2M, G2MC | 2 3 | STD-660 |
| Guide, for valve | 2 | G3, G3C, G4 | 2 6 | 38-G4-E148 |
| Guide, for valve | 2 | G5 | 2 0 | 37-9-E148 |
| Guide, for valve | 2 | G7 | 2 0 | 37-G7-E148 |
| Guide, for valve | 2 | G80, G90, G90C | 2 6 | 38-G4-E148 |
| Guide, for valve | 4 | X | 2 0 | 37-2-E148 |
| Seat, for valve spring | 2 | G3, G3C, G4 | 1 6 | 38-G4-E190 |
| Seat, for valve spring | 2 | G80, G90, G90C | 1 6 | 38-G4-E190 |
| Screw, locating valve spring seat | 4 | G3, G3C, G4 | 5 | 38-G4-E193 |
| Screw, locating valve spring seat | 4 | G80, G90, G90C | 5 | 38-G4-E193 |
| Nut, locking locating screw | 4 | G3, G3C, G4 | 2 | STD-5 |
| Nut, locking locating screw | 4 | G80, G90, G90C | 2 | STD-5 |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|----------------------------------|-------|----------------|-------------|--------------|
| COMPLETE VALVES. | | | | |
| Complete valve, inlet or exhaust | (F) 2 | G2, G2M, G2MC | £ 11 6 | STD-675-A |
| Complete valve, inlet or exhaust | (G) 2 | G7 | 6 3 | D7-E1706-A |
| Complete valve, inlet or exhaust | (G) 4 | X | 7 9 | M3-E342-A |
| Complete valve, inlet | (H) 1 | G3, G3C, G4 | 17 4 | STD-676-M4A |
| Complete valve, inlet | (G) 1 | G5 | 6 9 | D5-E1506-A |
| Complete valve, inlet | (H) 1 | G80, G90, G90C | 19 4 | STD-678-M9A |
| Complete valve, exhaust | (H) 1 | G3, G3C, G4 | 18 4 | STD-677-M4A |
| Complete valve, exhaust | (G) 1 | G5 | 6 9 | 37-9-E206-A |
| Complete valve, exhaust | (H) 1 | G80, G90, G90C | 19 4 | STD-679-M9A |

(F) "Complete valve" includes:—Valve, inner spring, outer spring, spring collar, valve collet and valve stem cap.

(G) "Complete valve" includes:—Valve, spring, spring collar and valve cotter.

(H) "Complete valve" includes:—Valve, narrow prong spring, wide prong spring, spring collar, valve collet and valve stem cap.

PISTON GROUP. (NORMAL COMPRESSION RATIO).

PISTONS ARE GROOVED TO ACCOMMODATE THREE RINGS. THE TWO TOP RINGS ARE $\frac{1}{16}$ " WIDE, THE BOTTOM RING IS $\frac{1}{8}$ " WIDE.

A NEW MACHINE IS EQUIPPED WITH A NORMAL COMPRESSION PISTON THAT HAS COMPRESSION RINGS IN ALL THREE POSITIONS. IT IS INTENDED, IF EXCESSIVE OIL CONSUMPTION OCCURS, TO DISCARD THE BOTTOM $\frac{1}{8}$ " COMPRESSION RING AND TO FIT IN ITS PLACE A SLOTTED SCRAPER RING. THIS ACTION WILL RESTORE THE OIL CONSUMPTION TO NORMAL. IT IS FOR THAT REASON WE LIST SLOTTED SCRAPER RINGS.

MODEL X IS FITTED, AS STANDARD, WITH SLOTTED SCRAPER RINGS IN THE BOTTOM GROOVES.

SOME SINGLE CYLINDER MACHINES HAVE BEEN ISSUED WITH PISTONS HAVING GROOVES FOR THREE $\frac{1}{16}$ " COMPRESSION RINGS. SLOTTED SCRAPER RINGS CANNOT BE FITTED TO THESE PISTONS UNLESS THE BOTTOM GROOVE ON EACH IS MACHINED OUT TILL IT WILL ACCOMMODATE A RING $\frac{1}{8}$ " WIDE. THERE IS AMPLE MATERIAL IN THE PISTON TO PERMIT THIS WITH SAFETY.

OVERSIZE NORMAL COMPRESSION RATIO PISTONS AND RINGS CAN BE SUPPLIED FOR ALL MODELS. THESE PARTS ARE SUITABLE FOR CYLINDERS HAVING BORES .020" LARGER IN DIAMETER THAN THE STANDARD DIMENSIONS. NO OTHER SIZES CAN BE SUPPLIED.

COMPLETE PISTONS. NORMAL RATIO. STANDARD DIMENSIONS.

| | | | | | | | |
|-----------------------------------|-----|-----|---|----------|-----|--------|--------------|
| Complete piston, normal | ... | ... | 1 | G2, G2M | ... | 19 3* | D2-E1212A |
| Complete piston, normal. Polished | ... | ... | 1 | G2MC | ... | 1 0 3* | D2-E1212A-P |
| Complete piston, normal | ... | ... | 1 | G3, G4 | ... | 1 0 8* | D3-E312A |
| Complete piston, normal. Polished | ... | ... | 1 | G3C | ... | 1 1 8* | D3-E312A-P |
| Complete piston, normal | ... | ... | 1 | G5 | ... | 1 6 1* | D5-E712A |
| Complete piston, normal | ... | ... | 1 | G7 | ... | 19 3* | D7-E1712A |
| Complete piston, normal | ... | ... | 1 | G80, G90 | ... | 1 6 1* | 38-G9-E12A |
| Complete piston, normal. Polished | ... | ... | 1 | G90C | ... | 1 7 1* | 38-G9-E12A-P |
| Complete piston, normal | ... | ... | 2 | X | ... | 1 9 0* | CE-412A |

COMPLETE PISTONS. NORMAL RATIO. OVERSIZE (.020"),

| | | | | | | | |
|-----------------------------------|-----|-----|---|----------|-----|--------|----------------|
| Complete piston, normal, oversize | ... | ... | 1 | G2, G2M | ... | 19 3* | O/D2-E1212A |
| Complete piston, normal, oversize | ... | (I) | 1 | G2MC | ... | 1 0 3* | O/D2-E1212A-P |
| Complete piston, normal, oversize | ... | ... | 1 | G3, G4 | ... | 1 0 8* | O/D3-E312A |
| Complete piston, normal, oversize | ... | (I) | 1 | G3C | ... | 1 1 8* | O/D3-E312A-P |
| Complete piston, normal, oversize | ... | ... | 1 | G5 | ... | 1 6 1* | O/D5-E712A |
| Complete piston, normal, oversize | ... | ... | 1 | G7 | ... | 19 3* | O/D7-E1712A |
| Complete piston, normal, oversize | ... | ... | 1 | G80, G90 | ... | 1 6 1* | O/38-G9-E12A |
| Complete piston, normal, oversize | ... | (I) | 1 | G90C | ... | 1 7 1* | O/38-G9-E12A-P |
| Complete piston, normal, oversize | ... | ... | 2 | X | ... | 1 9 0* | O/CE-412A |

"COMPLETE PISTON" (All Models except X) includes:—Piston, two $\frac{1}{16}$ " compression rings, one $\frac{1}{8}$ " compression ring, gudgeon pin and circlips. If a scraper ring is required in place of the $\frac{1}{8}$ " compression ring, add "S" at the end of the part numbers and the prices will be increased as follows:—

Models G2, G2M, G2MC, G7 ... 9d.* extra.
 Models G3, G3C, G4 ... 9d.* extra.
 Models G5, G80, G90, G90C ... 1 0d.* extra.

"COMPLETE PISTON" (MODEL X ONLY) includes:—Piston, two $\frac{1}{16}$ " compression rings, one $\frac{1}{8}$ " scraper ring, gudgeon pin and circlips.

(I) This piston is polished.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|------|----------|-------------|--------------|
| PISTONS. NORMAL RATIO. STANDARD DIMENSIONS. | | | | |
| Piston, bare, normal | 1 | G2, G2M | 10 0 | D2-E1212 |
| Piston, bare, normal. Polished | 1 | G2MC | 11 0 | D2-E1212-P |
| Piston, bare, normal | 1 | G3, G4 | 11 0 | D3-E312 |
| Piston, bare, normal. Polished | 1 | G3C | 12 0 | D3-E312-P |
| Piston, bare, normal | 1 | G5 | 15 0 | D5-E712 |
| Piston, bare, normal | 1 | G7 | 10 0 | D7-E1712 |
| Piston, bare, normal | 1 | G80, G90 | 15 0 | 38-G9-E12 |
| Piston, bare, normal. Polished | 1 | G90C | 16 0 | 38-G9-E12-P |
| Piston, bare, normal | 2 | X | 15 0 | CE-412 |

PISTONS. NORMAL RATIO. OVERSIZE (.020").

| | | | | |
|--------------------------------|-------|----------|------|---------------|
| Piston, bare, normal, oversize | 1 | G2, G2M | 10 0 | O/D2-E1212 |
| Piston, bare, normal, oversize | (J) 1 | G2MC | 11 0 | O/D2-E1212-P |
| Piston, bare, normal, oversize | 1 | G3, G4 | 11 0 | O/D3-E312 |
| Piston, bare, normal, oversize | (J) 1 | G3C | 12 0 | O/D3-E312-P |
| Piston, bare, normal, oversize | 1 | G5 | 15 0 | O/D5-E712 |
| Piston, bare, normal, oversize | 1 | G7 | 10 0 | O/D7-E1712 |
| Piston, bare, normal, oversize | 1 | G80, G90 | 15 0 | O/38-G9-E12 |
| Piston, bare, normal, oversize | (J) 1 | G90C | 16 0 | O/38-G9-E12-P |
| Piston, bare, normal, oversize | 2 | X | 15 0 | O/CE-412 |

(J) This piston is polished.

PISTON RINGS FOR ALL PISTONS. STANDARD DIMENSIONS.

| | | | | |
|--|---|--------------|------|------------|
| Compression ring, 62.5 by $\frac{1}{16}$ " | 2 | All 250 c.c. | 1 6* | DE-11 |
| Compression ring, 69 by $\frac{1}{16}$ " | 2 | All 350 c.c. | 1 6* | D3-E311 |
| Compression ring, 82.5 by $\frac{1}{16}$ " | 2 | All 500 c.c. | 1 9* | D5-E611 |
| Compression ring, 85.5 by $\frac{1}{16}$ " | 4 | All 990 c.c. | 1 9* | CE-311 |
| Compression ring, 62.5 by $\frac{1}{8}$ " | 1 | All 250 c.c. | 1 6* | 38-G2-E11 |
| Compression ring, 69 by $\frac{1}{8}$ " | 1 | All 350 c.c. | 1 6* | 38-G3-E11 |
| Compression ring, 82.5 by $\frac{1}{8}$ " | 1 | All 500 c.c. | 1 9* | 38-G8-E11 |
| Scraper ring, 62.5 by $\frac{1}{8}$ " | 1 | All 250 c.c. | 2 3* | 38-G2-E111 |
| Scraper ring, 69 by $\frac{1}{8}$ " | 1 | All 350 c.c. | 2 3* | 38-G3-E111 |
| Scraper ring, 82.5 by $\frac{1}{8}$ " | 1 | All 500 c.c. | 2 9* | 36-G8-E111 |
| Scraper ring, 85.5 by $\frac{1}{8}$ " | 2 | All 990 c.c. | 2 9* | 36-2-E111 |

PISTON RINGS FOR ALL PISTONS. OVERSIZE (.020").

| | | | | |
|---|---|--------------|------|--------------|
| Compression ring, 62.5 by $\frac{1}{16}$ " oversize | 2 | All 250 c.c. | 1 6* | O/DE-11 |
| Compression ring, 69 by $\frac{1}{16}$ " oversize | 2 | All 350 c.c. | 1 6* | O/D3-E311 |
| Compression ring, 82.5 by $\frac{1}{16}$ " oversize | 2 | All 500 c.c. | 1 9* | O/D5-E611 |
| Compression ring, 85.5 by $\frac{1}{16}$ " oversize | 4 | All 990 c.c. | 1 9* | O/CE-311 |
| Compression ring, 62.5 by $\frac{1}{8}$ " oversize | 1 | All 250 c.c. | 1 6* | O/38-G2-E11 |
| Compression ring, 69 by $\frac{1}{8}$ " oversize | 1 | All 350 c.c. | 1 6* | O/38-G3-E11 |
| Compression ring, 82.5 by $\frac{1}{8}$ " oversize | 1 | All 500 c.c. | 1 9* | O/38-G8-E11 |
| Scraper ring, 62.5 by $\frac{1}{8}$ " oversize | 1 | All 250 c.c. | 2 3* | O/38-G2-E111 |
| Scraper ring, 69 by $\frac{1}{8}$ " oversize | 1 | All 350 c.c. | 2 3* | O/38-G3-E111 |
| Scraper ring, 82.5 by $\frac{1}{8}$ " oversize | 1 | All 500 c.c. | 2 9* | O/36-G8-E111 |
| Scraper ring, 85.5 by $\frac{1}{8}$ " oversize | 2 | All 990 c.c. | 2 9* | O/36-2-E111 |

GUDGEON PINS FOR NORMAL PISTONS.

| | | | | |
|--------------------------|---|--------------|-----|----------|
| Gudgeon pin | 1 | All 250 c.c. | 2 9 | D2-E1214 |
| Gudgeon pin | 1 | All 350 c.c. | 3 0 | D3-E1614 |
| Gudgeon pin | 1 | All 500 c.c. | 3 3 | D5-E614 |
| Gudgeon pin | 2 | All 990 c.c. | 5 0 | CE-414 |
| Circlip, for gudgeon pin | 2 | All except X | 4 | STD-750 |
| Circlip, for gudgeon pin | 4 | X | 4 | STD-750 |

HIGH COMPRESSION PISTONS.

PISTONS TO PROVIDE HIGH AND ULTRA HIGH COMPRESSION RATIOS CAN BE SUPPLIED FOR MODELS:—G2M, G2MC, G3, G3C and G4. (TO OBTAIN HIGH COMPRESSION ON MODELS G80, G90 AND G90C SEE INSTRUCTION BOOK PARAGRAPH 174).

COMPLETE HIGH COMPRESSION PISTONS. STANDARD DIMENSIONS.

| | | | | |
|-------------------------------|-------|-------------|---------|-------|
| Complete piston, high & ultra | (K) 1 | G2M, G2MC | 1 17 6* | M-124 |
| Complete piston, high | 1 | G3, G3C, G4 | 1 17 6* | M-123 |
| Complete piston, ultra | 1 | G3, G3C, G4 | 1 17 6* | M-125 |

All the above pistons are polished and include:—Piston, two $\frac{1}{16}$ " compression rings, one $\frac{1}{8}$ " scraper ring, gudgeon pin and circlips.

HIGH COMPRESSION PISTONS. STANDARD DIMENSIONS.

| | | | | |
|----------------------------|-------|-------------|--------|----------|
| Piston, bare, high & ultra | (K) 1 | G2M, G2MC | 1 7 0* | M-124-12 |
| Piston, bare, high | 1 | G3, G3C, G4 | 1 7 0* | M-123-12 |
| Piston, ultra | 1 | G3, G3C, G4 | 1 7 0* | M-125-12 |

(K) When compression plate 37-22T-E3P is fitted under the cylinder barrel a high compression ratio is given, without the compression plate an ultra high ratio is given.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|------|-------------|-------------|--------------|
| PISTON RINGS FOR HIGH AND ULTRA HIGH COMPRESSION PISTONS. | | | | |
| Compression ring, G2.5 by $\frac{1}{16}$ " | 2 | G2M, G2MC | £ 1 6* | DE-11 |
| Compression ring, G9 by $\frac{1}{16}$ " | 2 | G3, G3C, G4 | 1 6* | D3-E311 |
| Scraper ring, G2.5 by $\frac{1}{16}$ " | 1 | G2M, G2MC | 2 3* | 38-G2-E111 |
| Scraper ring, G9 by $\frac{1}{16}$ " | 1 | G3, G3C, G4 | 2 3* | 38-G3-E111 |

| | | | | |
|--|---|-------------|------|----------|
| GUDGEON PINS FOR HIGH AND ULTRA HIGH COMPRESSION PISTONS. | | | | |
| Gudgeon pin | 1 | G2M, G2MC | 6 0* | M-124-14 |
| Gudgeon pin | 1 | G3, G3C, G4 | 6 0* | M-123-14 |
| Circlip, for gudgeon pin | 2 | All Models | 4 | STD-750 |

RE-BORING.

CYLINDERS MAY BE RE-BORED AND OVERSIZE PISTONS, WITH RINGS, (STANDARD COMPRESSION RATIO ONLY) SUPPLIED TO SUIT AT INCLUSIVE CHARGES, AS UNDER. NOTE THE PRICES DO NOT INCLUDE NEW GUDGEON PINS AND CIRCLIPS. CARRIAGE IS ADDITIONAL. THE ONLY SIZE OF RE-BORE IS .020" LARGER THAN STANDARD.

| | | | | |
|---------------------|---------|-------------------|----------|--------|
| Models G2, G2M, G7 | £1 8 6 | (Pin and circlips | 3s. 5d. | extra) |
| Model G2MC | £1 9 6 | (Pin and circlips | 3s. 5d. | extra) |
| Models G3, G4 | £1 10 0 | (Pin and circlips | 3s. 8d. | extra) |
| Model G3C | £1 11 0 | (Pin and circlips | 3s. 8d. | extra) |
| Models G5, G80, G90 | £1 14 6 | (Pin and circlips | 3s. 11d. | extra) |
| Model G90C | £1 15 6 | (Pin and circlips | 3s. 11d. | extra) |
| Model X (Two Cyls.) | £3 2 6 | (Pin and circlips | 11s. 4d. | extra) |

FLYWHEEL GROUP.

| | | | | |
|--------------------------------------|---|--------------------|------|-----------|
| Flywheel, driving side | 1 | G2, G2M, G2MC, G7 | 12 6 | 39-12-E19 |
| Flywheel, driving side | 1 | G3, G3C, G4 | 14 0 | 38-G3-E19 |
| Flywheel, driving side | 1 | G5 | 12 6 | 38-G8-E19 |
| Flywheel, driving side | 1 | G80, G90, G90C | 15 0 | 39-G9-E19 |
| Flywheel, driving side | 1 | X | 16 0 | 38-2-E19 |
| Flywheel, timing side | 1 | G2, G2M, G2MC, G7 | 12 6 | 39-12-E25 |
| Flywheel, timing side | 1 | G3, G3C, G4 | 12 6 | 38-G3-E25 |
| Flywheel, timing side | 1 | G5 | 12 6 | 38-G8-E25 |
| Flywheel, timing side | 1 | G80, G90, G90C | 15 0 | 39-G9-E25 |
| Flywheel, timing side | 1 | X | 16 0 | 36-X-E25 |
| Axle, driving side | 1 | G2, G2M, G2MC, G7 | 11 6 | 37-12-E20 |
| Axle, driving side | 1 | G3, G3C, G4 | 13 6 | 37-G8-E20 |
| Axle, driving side | 1 | G5, G80, G90, G90C | 13 6 | 37-G8-E20 |
| Axle, driving side | 1 | X | 12 6 | 38-X-E20 |
| Axle, timing side | 1 | All except X | 8 0 | STD-760 |
| Axle, timing side | 1 | X | 8 0 | X2-E1126 |
| Key, for driving side axle | 1 | All Models | 3 | STD-573 |
| Key, for timing side axle | 1 | X | 2 | STD-571 |
| Nut, for driving side axle | 1 | G2, G2M, G2MC, G7 | 7 | STD-233 |
| Nut, for driving side axle | 1 | G3, G3C, G4 | 5 | STD-234 |
| Nut, for driving side axle | 1 | G5, G80, G90, G90C | 5 | STD-234 |
| Nut, for driving side axle | 1 | X | 5 | XE-120 |
| Nut, for timing side axle | 1 | All Models | 5 | STD-230 |
| Lock screw, for timing side axle nut | 1 | All Models | 1 | STD-15 |

TIMING GEAR GROUP.

| | | | | |
|--|---|----------------|-------|------------|
| Camshaft | 1 | X | 1 0 0 | X2-E1033 |
| Camshaft, inlet | 1 | G2, G5, G7 | 9 6 | 37-12-E132 |
| Camshaft, inlet | 1 | G2M, G2MC | 10 3 | D8-E2932 |
| Camshaft, inlet | 1 | G3, G3C, G4 | 10 3 | D8-E2932 |
| Camshaft, inlet | 1 | G80, G90, G90C | 10 3 | D8-E2932 |
| Camshaft, exhaust | 1 | G2, G5, G7 | 10 6 | FE-531 |
| Camshaft, exhaust | 1 | G2M, G2MC | 9 6 | D8-E2931 |
| Camshaft, exhaust | 1 | G3, G3C, G4 | 9 6 | D8-E2931 |
| Camshaft, exhaust | 1 | G80, G90, G90C | 9 6 | D8-E2931 |
| Small timing pinion | 1 | All except X | 3 9 | R4-E1028 |
| Small timing pinion | 1 | X | 4 6 | V3-E1028 |
| Key, for timing pinion | 1 | All Models | 3 | STD-570 |
| Nut, retaining small timing pinion | 1 | All except X | 3 | STD-221 |
| Nut, retaining small timing pinion | 1 | X | 5 | STD-227 |
| Cam lever, inlet | 2 | X | 4 0 | M3-E313 |
| Cam lever, exhaust, front | 1 | X | 4 3 | M3-E314 |
| Cam lever, exhaust, rear | 1 | X | 4 3 | M3-E315 |
| Axle, for cam lever | 2 | X | 1 6 | X2-E1035 |
| Valve lifter lever (exhaust lift) | 2 | X | 2 0 | M3-E321 |
| Axle, for valve lifter lever | 2 | X | 1 6 | X2-E1035 |
| Spacer, on rear lifter axle, 1-1'32" | 1 | X | 9 | M3-E323 |
| Spacer, on front lifter axle, 25'32" | 1 | X | 9 | M3-E322 |
| Spacer, on rear cam axle (back) 29'64" | 1 | X | 9 | X2-E1038 |
| Spacer, on front cam axle (back) 39'64" | 1 | X | 9 | X2-E1037 |
| Spacer, on rear cam axle (front) 29'64" | 1 | X | 9 | X2-E1039 |
| Spacer, on front cam axle (front) 45'64" | 1 | X | 9 | X2-E1039 |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price | | | Part |
|-------------------------------------|------|-------------------|-------|----|----|-------------|
| | | | Each. | | | |
| CONNECTING ROD GROUP. | | | | | | |
| | | | £ | s. | d. | |
| Connecting rod, bushed | 1 | G2, G2M, G2MC | 1 | 1 | 0 | D2-E1244 |
| Connecting rod, bushed | 1 | G3, G3C, G4, G5 | 1 | 3 | 6 | 37-G8-E44 |
| Connecting rod, bushed | 1 | G7 | 1 | 0 | 0 | D7-E1744 |
| Connecting rod, bushed | 1 | G80, G90, G90C | 1 | 3 | 6 | 37-G8-E44 |
| Connecting rod, bushed (Centre rod) | 1 | X | 1 | 2 | 9 | CE-416 |
| Connecting rod, bushed (Forked rod) | 1 | X | 2 | 6 | 6 | MX4-E416 |
| Liner, for big-end | 1 | G2, G2M, G2MC, G7 | 2 | 6 | | I4-E318A |
| Liner, for big-end | 1 | G3, G3C, G4, G5 | 4 | 6 | | 37-G8-E16-A |
| Liner, for big-end | 1 | G80, G90, G90C | 4 | 6 | | 37-G8-E16-A |
| Liner, for big-end (For centre rod) | 1 | X | 4 | 0 | | MX2-E218 |
| Liner, for big-end (For forked rod) | 2 | X | 3 | 0 | | MX4-E418 |
| Bush, for gudgeon pin | 1 | G2, G2M, G2MC, G7 | 2 | 6 | | RE-45 |
| Bush, for gudgeon pin | 1 | G3, G3C, G4, G5 | 2 | 9 | | L3-E89 |
| Bush, for gudgeon pin | 1 | G80, G90, G90C | 2 | 9 | | L3-E89 |
| Bush, for gudgeon pin | 2 | X | 2 | 9 | | L3-E89 |
| Crankpin | 1 | G2, G2M, G2MC, G7 | 4 | 9 | | AE-17 |
| Crankpin | 1 | G3, G3C, G4, G5 | 8 | 6 | | 37-G8-E17 |
| Crankpin | 1 | G80, G90, G90C | 10 | 6 | | 39-G8-E17 |
| Crankpin | 1 | X | 10 | 0 | | 35-X-E17 |
| Nut, for crankpin | 2 | G2, G2M, G2MC, G7 | | 5 | | STD-230 |
| Nut, for crankpin | 2 | G3, G3C, G4, G5 | | 7 | | STD-233 |
| Nut, for crankpin | 2 | G80, G90, G90C, X | | 7 | | STD-233 |
| Key, for crankpin | 1 | X | | 3 | | STD-573 |
| Washer, for crankpin | 2 | G2, G2M, G2MC, G7 | | 9 | | DE-18 |
| Washer, for crankpin | 2 | G3, G3C, G4, G5 | 1 | 0 | | D5-E1818 |
| Washer, for crankpin | 2 | G80, G90, G90C | 1 | 0 | | 39-G8-E118 |
| Washer, for crankpin | 2 | X | 2 | 3 | | MX4-E518 |
| Crankpin roller, (Standard size) | 30 | All except X | | 2 | | STD-75 |
| Crankpin roller, (Standard size) | 56 | X | | 2 | | STD-75 |
| Crankpin roller, (.001" Oversize) | 30 | All except X | | 2 | | STD-75-001 |
| Crankpin roller, (.001" Oversize) | 56 | X | | 2 | | STD-75-001 |
| Cage, for rollers | 1 | G3, G3C, G4, G5 | 7 | 6 | | 37-G8-E18 |
| Cage, for rollers | 1 | G80, G90, G90C | 7 | 6 | | 37-G8-E18 |
| Cage, for rollers (for centre rod) | 1 | X | 6 | 0 | | MX2-E318 |
| Cage, for rollers (for forked rod) | 2 | X | 5 | 0 | | MX4-E618 |

ALTHOUGH WE LIST BIG-END LINERS AS SEPARATE SPARES, WE RECOMMEND MATCHLESS OWNERS TO SEND THE CONNECTING ROD TO THE FACTORY WHEN A NEW LINER IS REQUIRED. THIS IS BECAUSE LINERS FITTED IN THE FACTORY HAVE A FINAL "LAPPING IN" OPERATION WHICH ENSURES THE INTERNAL BORE BEING ACCURATE.

TAPPET GROUP.

| | | | | | | |
|----------------------------|---|----------------|---|---|--|--------------|
| Inlet tappet, bare | 1 | G5, G7 | 2 | 6 | | DE-84 |
| Inlet tappet, bare | 1 | G2, G2M, G2MC | 2 | 6 | | STD-670A |
| Inlet tappet, bare | 1 | G3, G3C, G4 | 2 | 6 | | STD-670A |
| Inlet tappet, bare | 1 | G80, G90, G90C | 2 | 6 | | 39-G9-ES4-IA |
| Inlet tappet, bare | 2 | X | 1 | 4 | | L3-E222 |
| Exhaust tappet, bare | 1 | G5, G7 | 3 | 3 | | D5-E2584 |
| Exhaust tappet, bare | 1 | G2, G2M, G2MC | 3 | 3 | | STD-671-A |
| Exhaust tappet, bare | 1 | G3, G3C, G4 | 3 | 3 | | STD-671-A |
| Exhaust tappet, bare | 1 | G80, G90, G90C | 3 | 3 | | 39-G9-ES4-EA |
| Exhaust tappet, bare | 2 | X | 1 | 6 | | M3-E400 |
| Head, for tappet | 2 | G5, G7 | | 6 | | D5-E1510 |
| Head, for tappet | 4 | X | | 6 | | I3-E210 |
| Lock nut, for tappet head | 2 | G5, G7 | | 4 | | STD-237 |
| Lock nut, for tappet head | 4 | X | | 4 | | STD-212 |
| Collar, for exhaust tappet | 1 | All except X | 1 | 0 | | STD-638 |
| Guide, for inlet tappet | 1 | G5, G7 | 2 | 6 | | D2-E1283 |
| Guide, for inlet tappet | 1 | G2, G2M, G2MC | 2 | 6 | | STD-661 |
| Guide, for inlet tappet | 1 | G3, G3C, G4 | 2 | 6 | | STD-661 |
| Guide, for inlet tappet | 1 | G80, G90, G90C | 2 | 6 | | 39-G9-ES3-I |
| Guide, for inlet tappet | 2 | X | 1 | 9 | | V3-E1083 |
| Guide, for exhaust tappet | 1 | G5, G7 | 4 | 0 | | D5-E2583 |
| Guide, for exhaust tappet | 1 | G2, G2M, G2MC | 4 | 0 | | STD-662 |
| Guide, for exhaust tappet | 1 | G3, G3C, G4 | 4 | 0 | | STD-662 |
| Guide, for exhaust tappet | 1 | G80, G90, G90C | 4 | 0 | | 39-G9-ES3E |
| Guide, for exhaust tappet | 2 | X | 1 | 9 | | X2-E1083 |

PUSH ROD GROUP.

| | | | | | | |
|---------------------------------|---|----------------|---|---|--|------------|
| Push rod, bare | 2 | G2, G2M, G2MC | 1 | 2 | | FE-13 |
| Push rod, bare | 2 | G3, G3C, G4 | 1 | 2 | | 20818-1 |
| Push rod, bare | 2 | G80, G90, G90C | 1 | 2 | | 39-G9-E113 |
| Ball end, (bottom) for push rod | 2 | All OHV Models | 1 | 0 | | STD-721 |
| Sleeve end, (top) for push rod | 2 | All OHV Models | 1 | 0 | | STD-720 |
| Adjusting screw, for push rod | 2 | All OHV Models | 1 | 0 | | STD-592 |
| Lock nut, for adjusting screw | 2 | All OHV Models | | 4 | | STD-216 |
| Push rod, complete | 2 | G2, G2M, G2MC | 4 | 3 | | FE-14 |
| Push rod, complete | 2 | G3, G3C, G4 | 4 | 3 | | 20818-1 |
| Push rod, complete | 2 | G80, G90, G90C | 4 | 3 | | 39-G9-E114 |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---------------------------------------|-------|----------------|-------------|--------------|
| COVER TUBE GROUP. | | | | |
| Cover tube, bare | 2 | G2, G2M, G2MC | 3 6 | 37-G2-E163 |
| Cover tube, bare | 2 | G3, G3C, G4 | 2 6 | 39-G9-E163 |
| Cover tube, bare | 2 | G80, G90, G90C | 2 6 | 39-G9-E163 |
| Screw, fixing cover tube | 2 | G2, G2M, G2MC | 1 | STD-590 |
| Rubber ring, for top of cover tube | 2 | G2, G2M, G2MC | 1 | STD-690 |
| Gasket, for top of cover tube | 2 | G3, G3C, G4 | 9 | 38-G4-E368 |
| Gasket, for top of cover tube | 2 | G80, G90, G90C | 9 | 38-G4-E368 |
| Washer, thin, for top of gasket | (Q) 2 | G3, G3C, G4 | 3 | 38-G4-E379 |
| Washer, thick, for top of gasket | (R) 2 | G80, G90, G90C | 3 | 38-G9-E379 |
| Fibre washer, for cover tube | (S) 2 | G2, G2M, G2MC | 2 | 35-12-E73 |
| Gland rubber, for cover tube (bottom) | 2 | All OHV Models | 3 | STD-691 |

(Q) This is only used on 500 OHV Models when the compression plate is not fitted. (See Note C on Page 4.)

(R) This is the standard fitting on all 500 OHV Models. It is used when the compression plate is fitted.

(S) This is fitted under the rubber gland at the bottom of the cover tube when a compression plate is fitted. It is not used on standard machines. (See Note B on Page 4.)

OIL PUMP GROUP.

| | | | | |
|--------------------------------|---|----------------|-----|-----------|
| Pump plunger | 1 | All Models | 6 0 | STD-770 |
| Guide screw, for pump plunger | 1 | All except X | 6 | 38-12-E96 |
| Guide screw, for pump plunger | 1 | X | 6 | AE-96 |
| Front cap, for plunger housing | 1 | G5, G7 | 6 | STD-772 |
| Front cap, for plunger housing | 1 | All OHV Models | 1 0 | STD-773 |
| Front cap, for plunger housing | 1 | X | 1 0 | CE-97 |
| Rear cap, for plunger housing | 1 | All Models | 6 | STD-772 |
| Paper washer, for housing cap | 2 | All Models | 1 | STD-582 |
| Bolt, fixing rear cap | 4 | All Models | 2 | STD-591 |
| Bolt, fixing front cap | 4 | G5, G7 | 2 | STD-591 |
| Screw, fixing front cap | 4 | All but G5, G7 | 1 | STD-15 |

OIL FITTINGS FOR ENGINE.

| | | | | |
|--|---|----------------|---|------------|
| Needle screw, for inlet valve oil feed | 1 | All OHV Models | 5 | 33-G3-E358 |
| Lock nut, for needle screw | 1 | All OHV Models | 4 | STD-212 |
| T union, for needle screw | 1 | G2, G2M, G2MC | 9 | 37-8-E287 |
| Lock nut, for T union | 1 | G2, G2M, G2MC | 2 | STD-5 |
| Oil union in cylinder head, Main feed | 1 | G3, G3C, G4 | 4 | STD-508 |
| Oil union in cylinder head, Main feed | 1 | G80, G90, G90C | 4 | STD-508 |
| Oil union in rocker box, In valve feed | 1 | G2, G2M, G2MC | 4 | STD-507 |
| Oil union in rocker box, Main feed | 1 | G2, G2M, G2MC | 4 | STD-508 |
| Oil union in oil pump housing | 3 | X | 4 | STD-508 |

CRANKCASE GROUP.

| | | | | |
|-------------------------------|-------|-----------------|--------|------------|
| Complete crankcase | (T) 1 | G2, G2M, G2MC | 4 7 6 | 38-12-E108 |
| Complete crankcase | (T) 1 | G3, G3C, G4 | 4 7 6 | 38-8-E108 |
| Complete crankcase | (T) 1 | G5 | 4 7 6 | 38-9-E108 |
| Complete crankcase | (T) 1 | G7 | 4 7 6 | 38-G7-E108 |
| Complete crankcase | (T) 1 | G80, G90, G90C | 4 15 0 | 39-G9-E108 |
| Complete crankcase | (T) 1 | X | 5 5 0 | 38-X-E108 |
| Crankcase, driving side, only | (U) 1 | G2, G2M, G2MC | 2 3 9 | 37-12-E30 |
| Crankcase, driving side, only | (U) 1 | G3, G3C, G4, G5 | 2 3 9 | 37-8-E30 |
| Crankcase, driving side, only | (U) 1 | G7 | 2 3 9 | 37-G7-E30 |
| Crankcase, driving side, only | (U) 1 | G80, G90, G90C | 2 7 6 | 39-G9-E30 |
| Crankcase, driving side, only | (U) 1 | X | 2 12 6 | 38-X-E30 |
| Crankcase, timing side, only | (V) 1 | G2, G2M, G2MC | 2 3 9 | 38-12-E31 |
| Crankcase, timing side, only | (V) 1 | G3, G3C, G4 | 2 3 9 | 38-8-E31 |
| Crankcase, timing side, only | (V) 1 | G5 | 2 3 9 | 38-9-E31 |
| Crankcase, timing side, only | (V) 1 | G7 | 2 3 9 | 38-G7-E31 |
| Crankcase, timing side, only | (V) 1 | G80, G90, G90C | 2 7 6 | 39-G9-E31 |
| Crankcase, timing side, only | (V) 1 | X | 2 12 6 | 37-X-E31 |

(T) "Complete crankcase" includes:—All bronze bushes and cylinder base studs, but does not include the timing gear and magneto chain case covers.

(U) Includes cylinder base studs. It is essential to send the sound TIMING side of the original crankcase when ordering a new driving side of the crankcase so it may be matched to the new part.

(V) Includes cylinder base studs, bush for the flywheel axle and the camshaft bushes. It is essential to send the sound DRIVING side of the original crankcase when ordering a new timing side of the crankcase so it may be matched to the new part.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

The MATCHLESS 1939 Instruction Book is a 100 page manual with many illustrations.

PRICE ... 1s. 6d. post paid.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|------|-----------------------|-------------|--------------|
| CRANKCASE FITTINGS. | | | | |
| | | | £ s. d. | |
| Drain plug, for crankcase ... | 1 | All Models | 4 | STD-575 |
| Screw, to plug oil holes in crankcase ... | 3 | All except X | 1 | STD-485 |
| Fibre washer, for oil hole screw ... | 3 | All except X | 1 | STD-203 |
| Timing gear cover (bushed) ... | 1 | G2, G5, G7 | 12 6 | FE-432M |
| Timing gear cover (bushed) ... | 1 | G2M, G2MC | 12 6 | 35-G3-E32 |
| Timing gear cover (bushed) ... | 1 | G3, G3C, G4 | 12 6 | 35-G3-E32 |
| Timing gear cover (bushed) ... | 1 | G80, G90, G90C | 12 6 | 35-G3-E32 |
| Timing gear cover (bushed) ... | 1 | X | 15 6 | 37-X-E32 |
| Dowel pin, locating timing gear cover ... | 2 | All except X | 1 | STD-577 |
| Paper washer, for timing gear cover ... | 1 | All except X | 2 | 37-S-E78 |
| Screw, fixing timing gear cover ... | 5 | All except X | 2 | STD-482 |
| Screw, fixing timing gear cover ... | 6 | X | 2 | STD-484 |
| Magneto chain case cover ... | 1 | G2M, G2MC | 5 0 | 35-G3-E29 |
| Magneto chain case cover ... | 1 | G3, G3C, G4 | 5 0 | 35-G3-E29 |
| Magneto chain case cover ... | 1 | G80, G90, G90C | 5 0 | 35-G3-E29 |
| Magneto chain case cover ... | 1 | X | 6 0 | 37-X-E29 |
| Grease nipple, for magneto chain cover ... | 1 | All but G2, G5, G7 | 2 | STD-51 |
| Screw, fixing chain case cover ... | 6 | All but G2, G5, G7, X | 2 | STD-484 |
| Screw, fixing chain case cover ... | 6 | X | 2 | STD-453 |
| Cap, over cam bush in timing cover ... | 1 | All except X | 3 | STD-765 |
| Ball, for cylinder oil feed valve ... | 1 | All except X | 1 | STD-21 |
| Ball, for cylinder oil feed valve ... | 2 | X | 1 | STD-21 |
| Spring, for cylinder oil feed valve ... | 1 | All except X | 2 | STD-701 |
| Spring, for cylinder oil feed valve ... | 2 | X | 2 | H2-E179 |
| Plug, for cylinder oil feed valve ... | 1 | All except X | 3 | STD-576 |
| Plug, for cylinder oil feed valve ... | 2 | X | 3 | STD-576 |
| Stud, for cylinder base ... (W) | 4 | G2, G2M | 3 | STD-272 |
| Stud, for cylinder base ... (X) | 4 | G2MC | 3 | 37-22T-E126 |
| Stud, for cylinder base ... | 4 | G3, G3C, G4 | 3 | STD-300 |
| Stud, for cylinder base ... | 3 | G5 | 3 | STD-310 |
| Stud, for cylinder base ... | 3 | G7 | 3 | L3-E64 |
| Stud, for cylinder base ... | 4 | G80, G90, G90C | 3 | 3S-G9-E126 |
| Stud, for cylinder base ... | 6 | X | 3 | STD-311 |

(W) If a high compression piston is fitted to Model G2M, this cylinder base stud will not be suitable to accommodate the compression plate and it will be necessary to fit studs 37-22T-E216.

(X) Fit these studs to Model G2M when using a compression plate in conjunction with a high compression piston.

CRANKCASE BEARINGS.

| | | | | |
|---------------------------------------|---|-------------------|------|-----------|
| Bush, for timing side axle ... | 1 | All except X | 3 0 | STD-650 |
| Bush, for timing side axle ... | 1 | X | 4 0 | X2-E1027 |
| Ball bearing, driving side ... | 2 | G2, G2M, G2MC, G7 | 10 0 | RLS-7 |
| Ball bearing, driving side ... | 2 | G3, G3C, G4, G5 | 10 9 | RLS-8 |
| Ball bearing, driving side ... | 2 | G80, G90, G90C | 10 9 | RLS-8 |
| Ball bearing, driving side ... | 1 | X | 10 9 | RLS-8 |
| Roller bearing, driving side ... | 1 | X | 19 3 | CRM-8 |
| Collar, between bearings ... | 1 | G2, G2M, G2MC, G7 | 9 | STD-631 |
| Collar, between bearings ... | 1 | G3, G3C, G4, G5 | 9 | 16889-A |
| Collar, between bearings ... | 1 | G80, G90, G90C | 9 | 16889-A |
| Collar, between bearings ... | 1 | X | 6 | 35-X-E308 |
| Washer, between bearings ... | 1 | G2, G2M, G2MC, G7 | 3 | 20486 |
| Washer, between bearings ... | 1 | G3, G3C, G4, G5 | 3 | 16866 |
| Washer, between bearings ... | 1 | G80, G90, G90C | 3 | 16866 |
| Washer, between bearings ... | 1 | X | 1 6 | 38-X-E300 |
| Washer, between bearings ... | 1 | X | 1 6 | 38-X-E359 |
| Circlip, locating ball bearing ... | 2 | All except X | 1 9 | STD-651 |
| Cam bush, in crankcase ... | 1 | X | 1 6 | T5-E1036 |
| Cam bush, in crankcase ... | 1 | X | 1 9 | M3-E319 |
| Cam bush in timing cover ... | 1 | X | 1 9 | STD-651 |
| Cam bush in timing cover, Inlet ... | 1 | G2, G5, G7 | 1 9 | STD-652 |
| Cam bush in timing cover, Inlet ... | 1 | G2M, G2MC | 1 9 | STD-652 |
| Cam bush in timing cover, Inlet ... | 1 | G3, G3C, G4 | 1 9 | STD-652 |
| Cam bush in timing cover, Inlet ... | 1 | G80, G90, G90C | 1 9 | STD-652 |
| Cam bush in timing cover, Exhaust ... | 1 | G2, G5, G7 | 2 0 | FE-136 |
| Cam bush in timing cover, Exhaust ... | 1 | G2M, G2MC | 1 9 | STD-651 |
| Cam bush in timing cover, Exhaust ... | 1 | G3, G3C, G4 | 1 9 | STD-651 |
| Cam bush in timing cover, Exhaust ... | 1 | G80, G90, G90C | 1 9 | STD-651 |

RELEASE VALVE GROUP.

| | | | | |
|-----------------------------------|---|--------------|-----|----------|
| Apex bolt (Through crankcase) ... | 1 | X | 1 3 | X2-E1177 |
| Body, for release valve ... | 1 | All except X | 1 0 | STD-836 |
| Body, for release valve ... | 1 | X | 1 0 | L3-E107 |
| Diaphragm, for release valve ... | 1 | All Models | 2 | STD-835 |
| Seat, for diaphragm ... | 1 | X | 6 | L3-E108 |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

If in difficulty with your
MATCHLESS MOTOR CYCLE
 Write to the Service Department for assistance.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|------|---------------------|-------------|--------------|
| CRANKCASE BOLTS. FRONT OF CRANKCASE. TOP POSITION. | | | | |
| Top bolt, 4 $\frac{1}{8}$ " by $\frac{5}{16}$ " | 1 | G5, G7 | £ s. d. 4 | STD-277 |
| Top bolt, 3 $\frac{1}{4}$ " by $\frac{5}{8}$ " | 1 | X | 3 | 37-X-E237 |
| Top bolt, 4 $\frac{1}{8}$ " by $\frac{5}{16}$ " (Low pipes) | 1 | G2, G2M, G3, G4 | 4 | STD-277 |
| Top bolt, 5 $\frac{1}{16}$ " by 5/16" (Low pipes) | 1 | G80, G90 | 5 | 39-G9-E237 |
| Top bolt, 4 $\frac{1}{8}$ " by $\frac{5}{16}$ " (High pipes) | 1 | G2, G2M | 4 | STD-278 |
| Top bolt, 8 $\frac{1}{16}$ " by $\frac{5}{16}$ " (High pipes) | 1 | G2MC, G3, G3C, G4 | 7 | STD-285 |
| Top bolt, 8 $\frac{1}{16}$ " by $\frac{5}{16}$ " (High pipes) | 1 | G80, G90, G90C | 7 | STD-285 |
| Washer, for front top bolt | 2 | All but G2M, G80, X | 1 | STD-11 |
| Washer, for front top bolt | 2 | X | 1 | STD-10 |
| Nut, for front top bolt | 2 | All except X | 2 | STD-4 |
| Nut, for front top bolt | 2 | X | 2 | STD-3 |

CRANKCASE BOLTS. FRONT OF CRANKCASE. CENTRE POSITION.

| | | | | |
|--|-------|-------------------|---|-----------|
| Centre bolt, 3 $\frac{1}{4}$ " by $\frac{5}{8}$ " | (A) 1 | G2, G2M, G2MC, G7 | 4 | STD-274 |
| Centre bolt, 3 $\frac{1}{4}$ " by $\frac{5}{8}$ " | (A) 1 | G3, G3C, G4, G5 | 4 | STD-274 |
| Centre bolt, 3 $\frac{1}{4}$ " by $\frac{5}{8}$ " | 1 | G80, G90, G90C | 3 | STD-276 |
| Centre bolt, 8 $\frac{1}{16}$ " by $\frac{5}{8}$ " | (B) 1 | X | 7 | 37-X-E234 |
| Washer, for front centre bolt | 2 | X | 1 | STD-10 |
| Spacer, for front centre bolt, 1 $\frac{1}{16}$ " | 1 | X | 4 | 37-X-E194 |
| Spacer, for front centre bolt, 1 $\frac{1}{16}$ " | 1 | X | 3 | 37-X-E195 |
| Spacer, for front centre bolt, 1 $\frac{1}{16}$ " | 1 | X | 3 | 37-X-E196 |
| Nut, for front centre bolt | 2 | All except X | 2 | STD-4 |
| Nut, for front centre bolt | 2 | X | 2 | STD-3 |

(A) This also supports the electric horn.

(B) This also supports the rear of the magneto platform.

CRANKCASE BOLTS. FRONT OF CRANKCASE. BOTTOM POSITION.

| | | | | |
|---|-------|-------------------|---|------------|
| Bottom bolt, 3 $\frac{3}{8}$ " by $\frac{5}{16}$ " | 1 | G2, G2M, G2MC, G7 | 3 | STD-273 |
| Bottom bolt, 3 $\frac{3}{8}$ " by $\frac{5}{16}$ " | 1 | G3, G3C, G4, G5 | 3 | STD-273 |
| Bottom bolt, 4 $\frac{1}{8}$ " by $\frac{5}{16}$ " | 1 | G80, G90, G90C | 4 | 39-G9-E234 |
| Bottom bolt, 8 $\frac{1}{16}$ " by $\frac{5}{16}$ " | (C) 1 | X | 6 | STD-284 |
| Spacer, for bottom bolt, left, 1 $\frac{1}{16}$ " | 1 | X | 4 | 37-X-F79 |
| Spacer, for bottom bolt, right, 1 $\frac{1}{16}$ " | 1 | X | 4 | 37-X-F78 |
| Washer, for bottom bolt | 1 | X | 1 | STD-11 |
| Nut, for front bottom bolt | 2 | All Models | 2 | STD-4 |

(C) This also supports the front exhaust pipe.

CRANKCASE BOLTS. BOTTOM OF CRANKCASE.

| | | | | |
|--|---|---|---|---------|
| Bottom bolt, 5 $\frac{1}{16}$ " by $\frac{1}{2}$ " | 1 | X | 3 | STD-262 |
| Nut, for bottom bolt | 2 | X | 2 | STD-5 |

CRANKCASE BOLTS. BOTTOM OF CRANKCASE. FRONT POSITION.

| | | | | |
|---|---|--------------------|---|-----------|
| Front bolt, 6 $\frac{1}{8}$ " by $\frac{5}{16}$ ", Low pipes | 1 | G2, G3, G4, G5, G7 | 5 | STD-281 |
| Front bolt, 6 $\frac{1}{8}$ " by 5/16", Low pipes | 1 | G2M | 5 | 37-G8-F17 |
| Front bolt, 6 $\frac{1}{8}$ " by $\frac{5}{16}$ ", Low pipes | 1 | G80, G90 | 5 | 39-G-E234 |
| Front bolt, 6 $\frac{1}{8}$ " by $\frac{5}{16}$ ", High pipes | 1 | G2, G2M, G3, G4 | 5 | STD-281 |
| Front bolt, 6 $\frac{1}{8}$ " by 5/16", High pipes | 1 | G2MC, G3C | 5 | 37-G8-F17 |
| Front bolt, 6 $\frac{1}{8}$ " by $\frac{5}{16}$ ", High pipes | 1 | G80, G90, G90C | 5 | 39-G-E234 |
| Spacer, on bottom front bolt, 1 $\frac{1}{16}$ " | 2 | G2, G2M, G2MC, G7 | 5 | 37-G3-F66 |
| Spacer, on bottom front bolt, 1 $\frac{1}{16}$ " | 2 | G3, G3C, G4, G5 | 5 | 37-G3-F66 |
| Spacer, on bottom front bolt, $\frac{3}{16}$ " | 2 | G80, G90, G90C | 5 | 39-G9-F66 |
| Washer, on bottom front bolt | 2 | G2, G2M, G7 | 1 | STD-184 |
| Washer, on bottom front bolt | 2 | G3, G4, G5 | 1 | STD-184 |
| Washer, on bottom front bolt | 2 | G80, G90 | 1 | STD-184 |
| Washer, on bottom front bolt | 2 | G2MC, G3C, G90C | 1 | STD-174 |
| Nut (domed), on bottom front bolt | 2 | All except X | 5 | STD-621 |

The bottom front bolt, on all Models except X, pass through the crankcase and also unite the bottom lug on the front portion of the main frame and the front end of the rear-portion of the main frame. Also, on Models G2MC, G3C and G90C, the bottom front bolt secures the front end of the crankcase under-shield.

CRANKCASE BOLTS. BOTTOM OF CRANKCASE. REAR POSITION.

| | | | | |
|---|---|------------------|---|---------|
| Rear bolt, 4 $\frac{1}{2}$ " by $\frac{1}{2}$ " | 1 | G2, G2M, G5, G7 | 4 | STD-261 |
| Rear bolt, 4 $\frac{1}{2}$ " by $\frac{1}{2}$ " | 1 | G3, G4, G80, G90 | 4 | STD-261 |
| Rear bolt, 4 $\frac{1}{2}$ " by $\frac{1}{2}$ " | 1 | G2MC, G3C, G90C | 4 | STD-263 |
| Washer, on bottom rear bolt | 2 | G2MC, G3C, G90C | 1 | STD-12 |
| Nut, on bottom rear bolt | 2 | All except X | 2 | STD-5 |

The bottom rear bolt, on Models G2MC, G3C and G90C, supports the rear end of the crankcase under-shield.

CRANKCASE BOLTS. REAR OF CRANKCASE. TOP POSITION.

| | | | | |
|--|---|-------------------|---|---------|
| Top bolt, 3 $\frac{3}{8}$ " by $\frac{5}{16}$ " | 1 | G2, G2M, G2MC, G7 | 3 | STD-275 |
| Top bolt, 3 $\frac{3}{8}$ " by $\frac{5}{16}$ " | 1 | G3, G3C, G4, G5 | 3 | STD-275 |
| Top bolt, 4 $\frac{1}{8}$ " by $\frac{5}{16}$ " | 1 | G80, G90, G90C | 4 | STD-278 |
| Top bolt, 4 $\frac{1}{8}$ " by $\frac{5}{16}$ " | 1 | X | 4 | STD-304 |
| Spacer, for rear top bolt, left, $\frac{1}{16}$ " | 1 | X | 3 | 4181 |
| Spacer, for rear top bolt, right, $\frac{1}{16}$ " | 1 | X | 4 | 4180 |
| Nut, for rear top bolt | 2 | All except X | 2 | STD-4 |
| Nut, for rear top bolt | 2 | X | 2 | STD-3 |

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| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|------|-------------------|-------------|--------------|
| CRANKCASE BOLTS. REAR OF CRANKCASE. CENTRE POSITION. | | | | |
| Centre bolt, 3 1/8" by 3/8" ... | 1 | G2, G2M, G2MC, G7 | £ 3 s. d. | STD-275 |
| Centre bolt, 3 1/8" by 1/2" ... | 1 | G3, G3C, G4, G5 | 3 | STD-275 |
| Nut, for rear centre bolt ... | 2 | G2, G2M, G2MC, G7 | 2 | STD-4 |
| Nut, for rear centre bolt ... | 2 | G3, G3C, G4, G5 | 2 | STD-4 |

For the rear centre crankcase bolts on Models G80, G90, G90C and X, see the Front Chaincase Group on Page 34.

CRANKCASE BOLTS. REAR OF CRANKCASE. BOTTOM POSITION.

| | | | | |
|---|---|-------------------|---|---------|
| Bottom bolt, 3 1/8" by 1/2" ... | 1 | G2, G2M, G2MC, G7 | 3 | STD-275 |
| Bottom bolt, 3 1/8" by 3/8" ... | 1 | G3, G3C, G4, G5 | 3 | STD-275 |
| Bottom bolt, 4-5/16" by 5/16" ... | 1 | G80, G90, G90C, X | 4 | STD-277 |
| Spacer, for rear bottom bolt, 1/8", left | 1 | X | 3 | STD-637 |
| Spacer, for rear bottom bolt, 1/8", right | 1 | X | 4 | 4178 |
| Nut, for rear bottom bolt ... | 2 | All Models | 2 | STD-4 |

UNDER-SHIELDS FOR CRANKCASES.

| | | | | |
|----------------------------|---|-----------|-----|-------------|
| Crankcase under-shield ... | 1 | G2MC, G3C | 5 6 | 37-G3-EQ204 |
| Crankcase under-shield ... | 1 | G90C | 6 6 | 39-G9-EQ204 |

VALVE LIFTER GROUP.

| | | | | |
|--|---|------------------|-----|-----------|
| Lifter lever and spindle (One piece) ... | 1 | All except X | 3 6 | DS-E2861 |
| Spring, for lifter lever ... | 1 | All except X | 3 | STD-700 |
| Crosshead, for cable adjuster ... | 1 | All but G5 and X | 9 | DS-E2862 |
| Lock nut, for crosshead ... | 1 | All but G5 and X | 2 | STD-74 |
| Stop bracket, for lifter cable ... | 1 | G5 | 6 | 37-9-E216 |
| Bolt, fixing stop bracket ... | 1 | G5 | 2 | STD-361 |
| Rod, for valve lifter ... | 1 | X | 1 0 | M3-E355 |
| Spring, for valve lifter rod ... | 1 | X | 2 | L3-E252 |
| Head, for valve lifter rod ... | 1 | X | 1 0 | L3-E214 |
| Pin, for valve lifter rod ... | 1 | X | 4 | M3-E356 |
| Split pin, for lifter rod pin ... | 1 | X | 1/2 | STD-14 |
| Sleeve adaptor ... (D) | 1 | X | 8 | M3-E358 |
| Sleeve, for adaptor ... | 1 | X | 1 0 | L3-E215 |

(D) This screws into the top of the timing gear case.

ROCKER BOX GROUP.

| | | | | |
|--|---|---------------|--------|--------------|
| Rocker box, bare ... (E) | 1 | G2, G2M, G2MC | 1 10 0 | 37-12-E61 |
| Bolt, fixing box, long ... | 2 | G2, G2M, G2MC | 4 | STD-374 |
| Bolt, fixing box, short ... | 2 | G2, G2M, G2MC | 4 | STD-365 |
| Washer, for box fixing bolt ... | 4 | G2, G2M, G2MC | 1 | STD-11 |
| Side cover, for rocker box ... | 1 | G2, G2M, G2MC | 3 0 | 37-G3-E62 |
| Rubber fillet, for side cover ... | 1 | G2, G2M, G2MC | 2 | 37-12-E65 |
| Stud, fixing side cover ... | 4 | G2, G2M, G2MC | 2 | STD-252 |
| Nut, for side cover stud ... | 4 | G2, G2M, G2MC | 5 | STD-623 |
| Fibre washer, for cover stud nut ... | 4 | G2, G2M, G2MC | 1 | STD-205 |
| Felt plug, for rocker box ... | 2 | G2, G2M, G2MC | 3 | MX2-E298 |
| Fixing pin, for felt plug ... | 2 | G2, G2M, G2MC | 1/2 | 37-8-E159 |
| Cap, covering inlet valve spring ... | 1 | G2, G2M, G2MC | 5 0 | 37-12-E162-I |
| Cap, covering exhaust valve spring ... | 1 | G2, G2M, G2MC | 5 0 | 37-12-E162-E |
| Screw, for spring cover cap ... | 4 | G2, G2M, G2MC | 2 | STD-482 |
| Bush, for rocker axles ... | 4 | G2, G2M, G2MC | 2 3 | STD-653 |
| Metering jet, for rocker oil feed ... | 2 | G2, G2M, G2MC | 4 | STD-578 |

(E) The price does not include the four bushes for the rocker axle sleeves. 9s. 0d. extra if bushes are supplied and fitted.

ROCKER FITTINGS IN CYLINDER HEAD.

| | | | | |
|--|---|-------------------|-----|------------|
| Cap, in cylinder head, left side ... | 2 | All 350 & 500 OHV | 1 6 | STD-795 |
| Washer, for cylinder head cap ... | 2 | All 350 & 500 OHV | 2 | STD-583 |
| Cover, over spring chamber ... | 2 | All 350 & 500 OHV | 3 0 | 38-G4-E62 |
| Washer, for spring chamber cover ... | 2 | All 350 & 500 OHV | 2 | 38-G4-E5 |
| Bolt, fixing spring chamber cover ... | 4 | All 350 & 500 OHV | 3 | STD-441 |
| Cover, over tappet chamber ... | 1 | All 350 & 500 OHV | 3 9 | 38-G4-E85 |
| Sealing ring, for tappet chamber cover ... | 1 | All 350 & 500 OHV | 2 | 38-G4-E65 |
| Stud, fixing tappet chamber cover ... | 1 | All 350 & 500 OHV | 3 | 38-G4-E6 |
| Nut, for tappet chamber fixing stud ... | 1 | All 350 & 500 OHV | 9 | 37-8-E86 |
| Fibre washer, for fixing stud nut ... | 1 | All 350 & 500 OHV | 2 | STD-202 |
| Bush, for rocker axle sleeve, right side ... | 2 | All 350 OHV | 1 6 | 38-G4-E204 |
| Bush, for rocker axle sleeve, right side ... | 2 | All 500 OHV | 1 6 | 38-G9-E204 |
| Bush, for rocker axle sleeve, left side ... | 2 | All 350 OHV | 1 6 | 38-G4-E204 |
| Bush, for rocker axle sleeve, left side ... | 2 | All 500 OHV | 1 6 | 38-G4-E204 |
| Metering jet, for rocker oil feed ... | 2 | All 350 & 500 OHV | 4 | STD-578 |

ROCKER GROUP.

| | | | | |
|--|---|----------------|-----|----------|
| Axle, for rockers ... | 2 | All OHV Models | 3 6 | FE-57 |
| Sleeve, for rocker axle ... | 2 | All OHV Models | 3 0 | FE-58 |
| Felt ring, for rocker sleeve ... | 2 | All OHV Models | 2 | DS-E1865 |
| Washer, for rocker axle ... | 4 | All OHV Models | 1 | STD-10 |
| Nut, for rocker axle ... | 4 | All OHV Models | 2 | STD-3 |
| Rocker arm, tappet end. (In or exhst.) ... | 2 | All OHV Models | 2 3 | FE-60 |
| Rocker arm, valve end. (In or exhst.) ... | 2 | All OHV Models | 2 6 | FE-59 |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|-------------------------------------|------|-------------------|-------------|--------------|
| ENGINE STEADY STAY GROUP. | | | | |
| | | | £ s. d. | |
| Steady stay, bare | 1 | All 350 & 500 OHV | 8 | 35-G3-E110 |
| Clip, for top tube, for steady stay | 1 | All 350 & 500 OHV | 10 | 35-G3-E110 |
| Bolt, for top tube clip | 1 | All 350 & 500 OHV | 3 | STD-370 |
| Washer, for top tube clip bolt | 1 | All 350 & 500 OHV | 1 | STD-11 |
| Nut, for top tube clip bolt | 1 | All 350 & 500 OHV | 2 | STD-4 |

GASKET SETS.

WE SUPPLY GASKETS, EITHER AS INDIVIDUAL SPARES, OR IN COMPLETE SETS. SINGLE GASKETS ARE LISTED IN THE GROUPS TO WHICH THEY BELONG. GASKETS IN COMPLETE SETS ARE LISTED BELOW. BEFORE DISMANTLING AN ENGINE FOR DE-CARBONISATION OR OTHER SERVICE WORK A SET OF GASKETS, SUITABLE FOR THE MODEL, SHOULD BE AVAILABLE.

Gasket Sets, suitable for Models G2, G2M and G2MC.

Contents: 1 Washer, for cylinder base.
 1 Gasket, for cylinder head.
 1 Washer, for timing gear cover.
 2 Washers, for oil pump end caps.
 2 Rubber rings, for top of cover tubes.
 2 Rubber glands, for bottom of cover tubes.
 1 Rubber fillet, for rocker box cover.
 4 Fibre washers, for rocker cover nuts.
 2 Gaskets, for carburetter.
 Part Number: 39-EQ-3, Price each, 2s. 8d.*

Gasket Sets, suitable for Models G3, G3C and G4.

Contents: 1 Washer, for cylinder base.
 1 Gasket, for cylinder head.
 1 Washer, for timing gear cover.
 2 Washers, for oil pump end caps.
 2 Gaskets, for top of cover tubes.
 2 Rubber glands, for bottom of cover tubes.
 1 Rubber fillet, for tappet cover.
 2 Washers, for rocker covers.
 1 Fibre washer, for tappet cover nut.
 2 Gaskets, for carburetter.
 Part Number: 39-EQ-5, Price each, 4s. 7d.*

Gasket Set, suitable for Model G5.

Contents: 1 Washer, for cylinder base.
 1 Gasket, for cylinder head.
 1 Washer, for timing gear cover.
 2 Washers, for oil pump end caps.
 1 Cork washer, for tappet cover.
 Part Number: 39-EQ-7, Price each, 3s. 3d.*

Gasket Set, suitable for Model G7.

Contents: 1 Washer, for cylinder base.
 1 Gasket, for cylinder head.
 1 Washer, for timing gear cover.
 2 Washers, for oil pump end caps.
 1 Cork washer, for tappet cover.
 Part Number: 39-EQ-4, Price each, 2s. 8d.*

Gasket Sets, suitable for Models G80, G90 and G90C.

Contents: 1 Washer, for cylinder base.
 1 Gasket, for cylinder head.
 1 Washer, for timing gear cover.
 2 Washers, for oil pump end caps.
 2 Gaskets, for top of cover tubes.
 2 Rubber glands, for bottom of cover tubes.
 1 Rubber fillet, for tappet cover.
 2 Washers, for rocker covers.
 1 Fibre washer, for tappet cover nut.
 2 Gaskets, for carburetter.
 Part Number: 39-EQ-6, Price each, 5s. 0d.*

Gasket Set, suitable for Model X.

Contents: 2 Washers, for cylinder base.
 2 Gaskets, for cylinder head.
 2 Washers, for oil pump end caps.
 2 Cork washers, for tappet covers.
 Part Number: 39-EQ-8, Price each, 5s. 11d. *
 (POSTAGE ON ONE GASKET SET 3d. EXTRA).

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

EXHAUST PIPE AND SILENCER SECTION.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|------|-------------------|----------------|-----------------|
| EXHAUST PIPES. | | | | |
| | | | £ s. d. | |
| Pipe, bare, low, right | 1 | G2, G2M | 1 0 6 | 39-22-E404 |
| Pipe, bare, low, right | 1 | G3, G4 | 1 0 6 | 39-26-E404 |
| Pipe, bare, low, right | 1 | G5 | 1 0 6 | 39-9-E404 |
| Pipe, bare, low, right | 1 | G7 | 1 0 6 | 39-G7-E404 |
| Pipe, bare, low, right | 1 | G80, G90 | 1 0 6 | 39-8-E404 |
| Pipe, bare, low, right, front | 1 | X | 1 0 0 | 38-X-E413 |
| Pipe, bare, low, right, rear | 1 | X | 11 6 | 38-X-E414 |
| Pipe, bare, low, left | 1 | G2M | 1 0 6 | 39-22-E403 |
| Pipe, bare, low, left | 1 | G80 | 1 0 6 | 39-8-E403 |
| Pipe, bare, high, right | 1 | G2 | 1 7 0 | 39-G2-E424 |
| Pipe, bare, high, right | 1 | G2M, G2MC | 1 7 0 | 39-G2M-E424 |
| Pipe, bare, high, right | 1 | G3, G3C, G4 | 1 7 0 | 39-G3-E424 |
| Pipe, bare, high, right | 1 | G80, G90, G90C | 1 7 0 | 39-G8-E424 |
| Pipe, bare, high, left | 1 | G2M | 1 7 0 | 39-G2M-E423 |
| Pipe, bare, high, left | 1 | G80 | 1 7 0 | 39-G8-E423 |
| Baffle tube, for exhaust pipe | 1 | G3, G3C, G4 | 2 9 | 4260 |
| Baffle tube, for exhaust pipe | 1 | G90, G90C | 2 9 | 4260 |
| Baffle tube, for exhaust pipe | 2 | G80, X | 2 9 | 4260 |
| Finned clamp, on exhaust port | 1 | G3, G3C, G4 | 4 6 | 35-G3-E415 |
| Finned clamp, on exhaust port | 1 | G90, G90C | 4 6 | 35-G3-E415 |
| Finned clamp, on exhaust port | 2 | G80 | 4 6 | 35-G3-E415 |
| Screw, for finned clamp | 1 | G3, G3C, G4 | 2 | STD-484 |
| Screw, for finned clamp | 1 | G90, G90C | 2 | STD-484 |
| Screw, for finned clamp | 2 | G80 | 2 | STD-484 |
| Shield, for high exhaust pipe | 1 | G2MC, G3, G3C, G4 | 2 0 | 35-G3-EQ162 |
| Shield, for high exhaust pipe | 1 | G90, G90C | 2 0 | 35-G3-EQ162 |
| Shield, for high exhaust pipe | 2 | G80 | 2 0 | 35-G3-EQ162 |
| Bolt, for exhaust pipe shield | 1 | G2MC, G3, G3C, G4 | 3 | STD-345 |
| Bolt, for exhaust pipe shield | 1 | G90, G90C | 3 | STD-345 |
| Bolt, for exhaust pipe shield | 2 | G80 | 3 | STD-345 |
| Nut, for exhaust pipe shield bolt | 1 | G2MC, G3, G3C, G4 | 3 | TE-464 |
| Nut, for exhaust pipe shield bolt | 1 | G90, G90C | 3 | TE-464 |
| Nut, for exhaust pipe shield bolt | 2 | G80 | 3 | TE-464 |
| Seat, for exhaust pipe shield bolt | 1 | G2MC, G3, G3C, G4 | 2 | TE-465 |
| Seat, for exhaust pipe shield bolt | 1 | G90, G90C | 2 | TE-465 |
| Seat, for exhaust pipe shield bolt | 2 | G80 | 2 | TE-465 |
| Packing strip, for exhaust pipe shield | 1 | G2MC, G3, G3C, G4 | 3 | 35-G3-EQ163 |
| Packing strip, for exhaust pipe shield | 1 | G90, G90C | 3 | 35-G3-EQ163 |
| Packing strip, for exhaust pipe shield | 2 | G80 | 3 | 35-G3-EQ163 |

EXHAUST PIPE FITTINGS.

| | | | | |
|----------------------------------|-------|----------------------|-----|---------------|
| Stay, for low pipe, right | 1 | G2, G2M, G7 | 1 0 | 39-22-E406R |
| Stay, for low pipe, right | 1 | G3, G4, G5, G80, G90 | 1 0 | 39-26-E406R |
| Stay, for low pipe, left | 1 | G2M | 1 0 | 39-22-E406L |
| Stay, for low pipe, left | 1 | G80 | 1 0 | 39-G8-E406-L |
| Stay, for high pipe, right | 1 | G2, G2M, G2MC | 1 0 | 39-G2M-E426-R |
| Stay, for high pipe, right | 1 | G3, G3C, G4 | 1 0 | 39-G3-E426-R |
| Stay, for high pipe, right | 1 | G80, G90, G90C | 1 0 | 39-G2M-E426-R |
| Stay, for high pipe, left | 1 | G2M | 1 0 | 39-G2M-E426-L |
| Stay, for high pipe, left | 1 | G80 | 1 0 | 39-G2M-E426-R |
| Nut, fixing exhaust pipe to stay | (F) 1 | All except X | 2 | STD-4 |
| Washer, plain for pipe nut | (F) 1 | All except X | 1 | STD-174 |
| Washer, spring, for pipe nut | (F) 1 | All except X | 1 | STD-192 |

(F) Two used on Models G2M and G80.

SILENCERS.

| | | | | |
|--------------------------------|---|----------------|------|--------------|
| Silencer, for low pipe, right | 1 | G2, G2M, G7 | 19 6 | 39-12-E461L |
| Silencer, for low pipe, right | 1 | G3, G4, G5 | 19 6 | 39-G3-E461L |
| Silencer, for low pipe, right | 1 | G80, G90 | 19 6 | 39-G3-E461L |
| Silencer, for low pipe, right | 2 | X | 17 6 | 35-G3-E461 |
| Silencer, for low pipe, left | 1 | G2M | 19 6 | 39-12-E461L |
| Silencer, for low pipe, left | 1 | G80 | 19 6 | 39-G3-E461-L |
| Silencer, for high pipe, right | 1 | G2, G2M, G2MC | 19 6 | 39-12-E461H |
| Silencer, for high pipe, right | 1 | G3, G3C, G4 | 19 6 | 39-G3-E461H |
| Silencer, for high pipe, right | 1 | G80, G90, G90C | 19 6 | 39-G3-E461H |
| Silencer, for high pipe, left | 1 | G2M | 19 6 | 39-12-E461H |
| Silencer, for high pipe, left | 1 | G80 | 19 6 | 39-G3-E461H |

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| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|---------|---------------------|-------------|--------------|
| SILENCER FITTINGS. | | | | |
| | | | £ s. d. | |
| Clip, fixing silencer to exhaust pipe ... | (G) 1 | All Models | 1 0 | STD-745 |
| Bolt, for silencer clip ... | (G) 1 | All Models | 3 | STD-363 |
| Washer, plain, for silencer clip bolt ... | (G) 1 | All Models | 1 | STD-174 |
| Washer, spring, for silencer clip bolt ... | (G) 1 | All Models | 1 | STD-192 |
| Nut, for silencer clip bolt ... | (G) 1 | All Models | 2 | STD-4 |
| (G) Two used on Models G2M, G80 and X. | | | | |
| Stay, for low silencer ... | (H) 1 | G2, G2M, G3, G4, G5 | 1 0 | 39-G3-E567 |
| Stay, for low silencer ... | (I) 1 | G7, G80, G90 | 1 0 | 39-G3-E567 |
| Stay, for low silencer ... | 1 | X | 1 0 | 37-X-E460 |
| Nut, fixing silencer to stay ... | (H) 1 | G2, G2M, G3, G4, G5 | 2 | STD-4 |
| Nut, fixing silencer to stay ... | (I) 1 | G7, G80, G90 | 2 | STD-4 |
| Washer, plain, for stay nut ... | (H) 1 | G2, G2M, G3, G4, G5 | 1 | STD-174 |
| Washer, plain, for stay nut ... | (I) 1 | G7, G80, G90 | 1 | STD-174 |
| Washer, spring, for stay nut ... | (H) 1 | G2, G2M, G3, G4, G5 | 1 | STD-192 |
| Washer, spring, for stay nut ... | (I) 1 | G7, G80, G90 | 1 | STD-192 |
| Bolt, fixing stay to frame ... | (H) 1 | G2, G2M, G3, G4, G5 | 3 | STD-363 |
| Bolt, fixing stay to frame ... | (I) 1 | G7, G80, G90, X | 3 | STD-363 |
| Washer, plain, for frame bolt ... | (J) 2 | G2, G2M, G3, G4, G5 | 1 | STD-174 |
| Washer, plain, for frame bolt ... | (K) 2 | G7, G80, G90, X | 1 | STD-174 |
| (H) Two used on Model G2M. | | | | |
| (I) Two used on Model G80. | | | | |
| (J) Four used on Model G2M. | | | | |
| (K) Four used on Model G80. | | | | |
| Body clip, for silencer ... | 2 | X | 1 0 | 16160 |
| Bolt, for silencer body clips ... | 1 | X | 4 | 37-X-E470 |
| Spacer, between body clips ... | 1 | X | 2 | LM-75-R |
| Spacer, outside body clips ... | 1 | X | 3 | 37-X-E471 |
| Washer, for body clip bolt ... | 1 | X | 1 | STD-11 |
| Nut, for body clip bolt ... | 1 | X | 2 | STD-4 |
| Bolt, fixing high silencer ... | 1 | G2, G3, G3C, G4 | 3 | STD-367 |
| Bolt, fixing high silencer ... | (L) 1 | G2M, G2MC | 3 | STD-369 |
| Bolt, fixing high silencer ... | (M) 1 | G80, G90, G90C | 3 | STD-367 |
| Spacer, for high silencer bolt ... | 2 | G2M | 2 | 20768 |
| Washer, plain, for high silencer bolt ... | (L-M) 1 | All OHV Models | 1 | STD-11 |
| Washer, spring, for high silencer bolt ... | (L-M) 1 | All OHV Models | 1 | STD-192 |
| (L) Two used on Model G2M. | | | | |
| (M) Two used on Model G80. | | | | |

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GENUINE MATCHLESS SPARES

PURCHASED FROM AN
AUTHORISED "MATCHLESS"
DEALER OR FROM THE FACTORY,
ARE IDENTICAL WITH THE
PARTS ORIGINALLY BUILT INTO
YOUR MOTOR CYCLE.

BY USING GENUINE SPARES YOU ARE
ASSURED THEY WILL FIT ACCURATELY
AND GIVE SATISFACTORY SERVICE.

CARBURETTER SECTION.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|------------------------------------|------|----------------|----------------|-----------------|
| COMPLETE CARBURETTERS. | | | | |
| Carburetter, complete, type 75-014 | 1 | G2 | £ 1 16 0* | 39-G2-E67 |
| Carburetter, complete, type 75-154 | 1 | G2M, G2MC | 1 13 6* | 39-G2M-E67 |
| Carburetter, complete, type 76-014 | 1 | G3, G3C, G4 | 2 0 0* | 39-G3-E67 |
| Carburetter, complete, type 76-001 | 1 | G5 | 1 17 6* | 39-G5-E67 |
| Carburetter, complete, type 74-011 | 1 | G7 | 1 9 6* | 39-G7-E67 |
| Carburetter, complete, type 89-004 | 1 | G80, G90, G90C | 2 7 0* | 39-G8-E67 |
| Carburetter, complete, type 76-012 | 1 | X | 2 3 0* | 39-X-E67 |

The above prices do not include control levers and cables.

CARBURETTER FITTINGS.

| | | | | |
|-------------------------------------|---|-----------------|-----|-------------|
| Gasket, for carburetter outlet port | 1 | G2, G3, G3C, G4 | 2 | STD-581 |
| Gasket, for carburetter outlet port | 1 | G80, G90, G90C | 2 | STD-581 |
| Gasket, for carburetter outlet port | 2 | G2M, G2MC | 2 | STD-581 |
| Packing piece, for carburetter | 1 | G2M, G2MC | 1 6 | 39-G2M-E167 |
| Nut, retaining carburetter | 2 | All OLV Models | 2 | STD-4 |
| Inlet pipe | 1 | G5 | 3 6 | 37-9-E338 |
| Inlet pipe | 1 | G7 | 3 0 | 37-G7-E338 |
| Inlet pipe | 1 | X | 3 6 | M3-E338 |
| Nut, for inlet pipe | 1 | G5 | 9 | L3-E368 |
| Nut, for inlet pipe | 1 | G7 | 8 | 37-G7-E340 |
| Nut, for inlet pipe | 2 | X | 0 | M3-E340 |
| Collar, for inlet pipe | 2 | X | 10 | M3-E339 |

FLOAT CHAMBER GROUP.

| | | | | |
|---------------------------------------|---|------------------------|-------|--------|
| Float chamber, bare, vertical | 1 | G2 | 11 0* | 62-032 |
| Float chamber, bare, vertical | 1 | G2M, G2MC | 12 0* | 64-177 |
| Float chamber, bare, vertical | 1 | G3, G3C, G4 | 14 6* | 64-186 |
| Float chamber, bare, vertical | 1 | G5, X | 12 0* | 64-154 |
| Float chamber, bare, vertical | 1 | G7 | 8 6* | 62-028 |
| Float chamber, bare, 3° inclination | 1 | G80, G90, G90C | 14 6* | 14-001 |
| Plug screw, for float chamber passage | 1 | All but G2, G7 | 2* | 13-153 |
| Fibre washer, for plug screw | 1 | All but G2, G7 | 1* | 14-039 |
| Bolt, holding chamber to mixing body | 1 | G2, G2M, G2MC, G7 | 2 0* | 4-043 |
| Bolt, holding chamber to mixing body | 1 | G3, G3C, G4, G5, X | 2 0* | 4-043 |
| Bolt, holding chamber to mixing body | 1 | G80, G90, G90C | 2 0* | 29-077 |
| Fibre washer, for holding bolt | 2 | All Models | 2* | 4-053 |
| Top (or cover), for float chamber | 1 | G2 | 2 6* | 22-011 |
| Top (or cover), for float chamber | 1 | G7 | 2 6* | 22-012 |
| Top (or cover), for float chamber | 1 | G2M, G2MC, G3, G3C, G4 | 2 6* | 14-011 |
| Top (or cover), for float chamber | 1 | G5, G80, G90, G90C, X | 2 6* | 14-011 |
| Screw, locking float chamber top | 1 | All but G2, G7 | 6* | 14-021 |
| Tickler plunger, for chamber top | 1 | G2, G7 | 7* | 22-021 |
| Tickler plunger, for chamber top | 1 | All but G2, G7 | 7* | 14-031 |
| Spring, for tickler plunger | 1 | All Models | 2* | 14-032 |
| Split pin, for tickler plunger | 1 | All Models | 1* | 14-033 |
| Float, 1¼" diameter | 1 | G2, G7 | 2 6* | 22-016 |
| Float, 1½" diameter | 1 | All but G2, G7 | 2 6* | 14-015 |
| Needle, for float, 2⅞" long | 1 | G2 | 11* | 22-013 |
| Needle, for float, 2½" long | 1 | G7 | 11* | 22-014 |
| Needle, for float, 2-21/32" long | 1 | All but G2, G7 | 11* | 14-024 |
| Lock nut, for needle seating | 1 | All but G2, G7 | 3* | 14-178 |
| Fibre washer, for seating lock nut | 1 | All but G2, G7 | 2* | 14-175 |

MIXING BODY GROUP.

| | | | | |
|------------------------------------|---|--------------------|-------|--------|
| Mixing body, bare | 1 | G2 | 10 0* | 75-014 |
| Mixing body, bare | 1 | G2M, G2MC | 10 0* | 75-154 |
| Mixing body, bare | 1 | G3, G3C, G4 | 12 0* | 76-014 |
| Mixing body, bare | 1 | G5 | 12 0* | 76-001 |
| Mixing body, bare | 1 | G7 | 8 0* | 74-011 |
| Mixing body, bare | 1 | G80, G90, G90C | 14 0* | 89-004 |
| Mixing body, bare | 1 | X | 12 0* | 76-012 |
| Union nut, for base of body | 1 | G2, G2M, G2MC, G7 | 1 6* | 4-062 |
| Union nut, for base of body | 1 | G3, G3C, G4, G5, X | 1 6* | 6-062 |
| Union nut, for base of body | 1 | G80, G90, G90C | 1 11* | 29-072 |
| Fibre washer, for union nut | 1 | G2, G2M, G2MC, G7 | 2* | 4-040 |
| Fibre washer, for union nut | 1 | G3, G3C, G4, G5, X | 2* | 6-040 |
| Fibre washer, for union nut | 1 | G80, G90, G90C | 2* | 29-050 |
| Top or cap, for body | 1 | G2, G2M, G2MC, G7 | 1 9* | 4-032 |
| Top or cap, for body | 1 | G3, G3C, G4, G5 | 1 9* | 6-032 |
| Top or cap, for body | 1 | G80, G90, G90C | 2 2* | 29-042 |
| Ring, fixing top to body | 1 | G2, G2M, G2MC, G7 | 1 9* | 4-031 |
| Ring, fixing top to body | 1 | G3, G3C, G4, G5, X | 1 9* | 6-031 |
| Ring, fixing top to body | 1 | G80, G90, G90C | 2 0* | 29-041 |
| Clip, locking fixing ring | 1 | G2, G2M, G2MC, G7 | 6* | 4-235 |
| Clip, locking fixing ring | 1 | G3, G3C, G4, G5, X | 6* | 4-235 |
| Clip, locking fixing ring | 1 | G80, G90, G90C | 6* | 29-201 |
| Screw, fixing locking clip to body | 1 | All Models | 2* | 4-201 |
| Cable adjuster | 2 | All Models | 4* | 4-035 |
| Clip, fixing body to inlet pipe | 1 | G5 | 1 9* | 5-200 |
| Clip, fixing body to inlet pipe | 1 | G7 | 1 9* | 4-207 |
| Clip, fixing body to inlet pipe | 1 | X | 1 9* | 6-201 |
| Bolt, for body fixing clip | 1 | G5, G7, X | 6* | 4-048 |

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| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|------|--------------------|-------------|--------------|
| JET GROUP. | | | | |
| Jet barrel, or choke | 1 | G2, G2M, G2MC | 5 0* | 5-058 |
| Jet barrel, or choke | 1 | G7 | 5 0* | 4-058 |
| Jet barrel, or choke | 1 | G3, G3C, G4, X | 5 0* | 6-058 |
| Jet barrel, or choke | 1 | G5 | 5 0* | 6-057 |
| Jet barrel, or choke | 1 | G80, G90, G90C | 6 6* | 29-068 |
| Needle jet | 1 | G2, G2M, G2MC, G7 | 1 9* | 4-061 |
| Needle jet | 1 | G3, G3C, G4, G5, X | 1 9* | 4-061 |
| Needle jet | 1 | G80, G90, G90C | 1 9* | 29-076 |
| Main jet, size 55 | 1 | G7 | 5* | 4-042-55 |
| Main jet, size 120 | 1 | G2, G2M, G2MC | 5* | 4-042-120 |
| Main jet, size 130 | 1 | X | 5* | 4-042-130 |
| Main jet, size 150 | 1 | G3, G3C, G4, G5 | 5* | 4-042-150 |
| Main jet, size 180 | 1 | G80, G90, G90C | 5* | 4-042-180 |
| Taper needle, for jet, 2 ³ / ₈ " long | 1 | G2, G2M, G2MC | 1 3* | 5-065 |
| Taper needle, for jet, 2 ³ / ₈ " long | 1 | G7 | 1 3* | 4-065 |
| Taper needle, for jet, 3 ¹ / ₈ " long | 1 | G3, G3C, G4, G5, X | 1 3* | 6-065 |
| Taper needle, for jet, 3 ¹ / ₈ " long | 1 | G80, G90, G90C | 1 3* | 29-075 |
| Clip, for jet taper needle | 1 | All Models | 4* | 4-230 |
| Split pin, locating taper needle clip | 1 | All Models | 1* | 4-060 |
| Screw, for pilot jet air adjustment | 1 | All Models | 6* | 13-129 |
| Lock nut, for pilot jet air screw | 1 | All Models | 2* | 16-010 |
| VALVE GROUP. | | | | |
| Throttle valve, size 5 by 3 | 1 | G2, G2M, G2MC | 3 10* | 5-052 |
| Throttle valve, size 4 by 4 | 1 | G7 | 3 10* | 4-052 |
| Throttle valve, size 6 by 4 | 1 | G3, G3C, G4, G5, X | 3 10* | 6-052 |
| Throttle valve, size 29 by 4 | 1 | G80, G90, G90C | 4 0* | 29-062 |
| Spring, for throttle valve | 1 | G2, G2M, G2MC, G7 | 3* | 4-037 |
| Spring, for throttle valve | 1 | G3, G3C, G4, G5, X | 3* | 4-037 |
| Spring, for throttle valve | 1 | G80, G90, G90C | 3* | 29-047 |
| Stop screw, for throttle valve | 1 | All Models | 6* | 4-063 |
| Lock nut, for throttle stop screw | 1 | All Models | 2* | 16-010 |
| Air valve | 1 | G2, G2M, G2MC | 2 6* | 5-045 |
| Air valve | 1 | G7 | 2 6* | 4-045 |
| Air valve | 1 | G3, G3C, G4, G5, X | 2 6* | 6-045 |
| Air valve | 1 | G80, G90, G90C | 2 3* | 29-055 |
| Tubular guide, for air valve | 1 | G2, G2M, G2MC | 2* | 5-047 |
| Tubular guide, for air valve | 1 | G7 | 2* | 4-047 |
| Tubular guide, for air valve | 1 | G3, G3C, G4, G5, X | 2* | 6-047 |
| Tubular guide, for air valve | 1 | G80, G90, G90C | 4* | 29-057 |
| Spring, for air valve | 1 | All Models | 3* | 4-046 |
| Air intake tube | 1 | G2, G2M, G2MC, G7 | 2 6* | 4-038 |
| Air intake tube | 1 | G3, G3C, G4 | 2 6* | 6-038 |
| Air intake tube | 1 | G80, G90, G90C | 3 0* | 29-048 |
| Air intake tube | 1 | G5 | 3 0* | 36-004 |
| Air filter end plate | 1 | X | 1 6* | 96-001 |
| Spring clip, for filter end plate | 1 | X | 3* | 96-002 |
| Filter outlet, with gauze and adaptor | 1 | X | 4 0* | 26-003 |

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PILLION FOLDING FOOTRESTS

FOR ALL MODELS (except G2 and G7)

12/6* per Pair

THESE FOOTRESTS ARE MADE IN THE MATCHLESS FACTORY. THEY ARE LIGHT, STRONG, FIT TO THE REAR FORK ENDS, AND, WHEN FOLDED, ARE ALMOST INCONSPICUOUS.

TRANSMISSION SECTION.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|-------|------------------------|----------------|-----------------|
| ENGINE SPROCKET GROUP. | | | | |
| Sprocket, 16 teeth | (A) 1 | All except X | 9 6 | 20815-16 |
| Sprocket, 17 teeth | (B) 1 | All except X | 9 6 | 20815-17 |
| Sprocket, 18 teeth | 1 | All except X | 9 6 | 20815-18 |
| Sprocket, 19 teeth | (C) 1 | All except X | 9 6 | 20815-19 |
| Sprocket, 20 teeth | 1 | All except X | 9 6 | 20815-20 |
| Sprocket, 21 teeth | (D) 1 | All except X | 9 6 | 20815-21 |
| Sprocket, 22 teeth | (E) 1 | X | 10 6 | 37-X-E123-22 |
| Sprocket, 24 teeth | (F) 1 | X | 10 6 | 37-X-E123-24 |
| Distance collar, for sprocket | 1 | G2, G2M, G2MC, G7 | 9 | STD-630 |
| Distance collar, for sprocket | 1 | G3, G3C, G4, G5 | 9 | 35-G3-E124 |
| Distance collar, for sprocket | 1 | G80, G90, G90C | 9 | 35-G3-E124 |
| Distance collar, for sprocket | 1 | X | 6 | 38-2-E308 |
| Shock absorber cam | 1 | All Models | 3 9 | STD-S30 |
| Spring, for shock absorber | 1 | G2, G2M, G2MC, G7 | 1 3 | STD-702 |
| Spring, for shock absorber | 1 | G3, G3C, G4 | 1 3 | STD-702 |
| Spring, for shock absorber | 1 | G5, G80, G90, G90C, X | 1 6 | STD-703 |
| Cap washer, for absorber spring | 1 | All Models | 8 | STD-831 |
| Lock nut, for shock absorber | 1 | All Models | 6 | STD-810 |
| <p>(A) Standard on Models G2MC and G7. (B) Standard on Models G2, G2M and G3C. (C) Standard on Models G3, G4 and G90C. Standard on Models G5, G80, G90 (Sidecar). (D) Standard on Models G5, G80 and G90. (E) Standard on Model X (Solo). (F) Standard on Model X (Sidecar).</p> | | | | |
| MAGNETO SPROCKET GROUP. | | | | |
| Sprocket, on camshaft | 1 | All except X | 4 3 | STD-727 |
| Sprocket, on camshaft | 1 | X | 4 3 | 36-2A-E138 |
| Washer, for camshaft sprocket | 1 | All Models | 1 | STD-11 |
| Nut, retaining camshaft sprocket | 1 | All Models | 2 | STD-4 |
| Sprocket, on magneto | 1 | All except X | 4 3 | STD-726 |
| Sprocket, on magneto | 1 | X | 4 3 | 37-X-E38 |
| Washer, for magneto sprocket | 1 | All Models | 1* | 1102-1269 |
| Nut, retaining magneto sprocket | 1 | All Models | 3* | 868-1036 |
| DYNAMO SPROCKET GROUP. | | | | |
| Sprocket, on dynamo shaft | 1 | All except X | 3 6 | STD-725 |
| Sprocket, on dynamo shaft | 1 | X | 3 6 | 37-X-E288 |
| Key, for dynamo sprocket | 1 | All Models | 2 | STD-572 |
| Plain washer, for sprocket nut | 1 | All Models | 1 | STD-10 |
| Lock Washer, for sprocket nut | 1 | All Models | 2 | STD-164 |
| Lock ring, for sprocket nut | 1 | All Models | 1 | STD-708 |
| Nut, retaining dynamo sprocket | 1 | All except X | 6 | STD-611 |
| Nut, retaining dynamo sprocket | 1 | X | 6 | 37-X-E289 |
| DRIVING CHAINS. | | | | |
| Front chain, 65 links, $\frac{1}{8}$ " by .305" | 1 | G2, G2M, G2MC, G3C, G7 | 9 2* | 110046-65 |
| Front chain, 66 links, $\frac{1}{8}$ " by .305" | 1 | G3, G4, G90C | 9 4* | 110046-66 |
| Front chain, 67 links, $\frac{1}{8}$ " by .305" | 1 | G5, G80, G90 | 9 6* | 110046-67 |
| Front chain, 71 links, $\frac{1}{8}$ " by .305" | 1 | X Sidecar | 10 0* | 110046-71 |
| Front chain, 72 links, $\frac{1}{8}$ " by .305" | 1 | X (Solo) | 10 2* | 110046-72 |
| Rear chain, 114 links, $\frac{1}{8}$ " by .305" | 1 | G2, G2M, G3, G4, G7 | 16 1* | 110046-114 |
| Rear chain, 91 links, $\frac{1}{8}$ " by .380" | 1 | G5, G80, G90 | 18 0* | 110056-91 |
| Rear chain, 94 links, $\frac{1}{8}$ " by .380" | 1 | X | 18 8* | 110056-94 |
| Rear chain, 95 links, $\frac{1}{8}$ " by .380" | 1 | G2MC, G3C, G90C | 18 10* | 110056-95 |
| DYNAMO AND MAGNETO CHAINS. | | | | |
| Magneto chain, 58 links, $\frac{3}{8}$ " by .225" | 1 | G2M, G2MC, G3, G3C | 4 9* | 110036-58 |
| Magneto chain, 58 links, $\frac{3}{8}$ " by .225" | 1 | G4, G80, G90, G90C | 4 9* | 110036-58 |
| Magneto chain, 53 links, $\frac{3}{8}$ " by .225" | 1 | X | 4 4* | 110036-53 |
| Dynamo chain, 47 links, $\frac{3}{8}$ " by .225" | 1 | All except X | 3 10* | 110036-47 |
| Dynamo chain, 59 links, $\frac{3}{8}$ " by .225" | 1 | X | 4 10* | 110036-59 |
| CHAIN LINKS. | | | | |
| Connecting link, for $\frac{1}{8}$ " chain | Q | All Models | 3 1* | 46-26 |
| Connecting link, for $\frac{1}{8}$ " chain | Q | G2MC, G3C, G5 | 5 2* | 56-26 |
| Connecting link, for $\frac{1}{8}$ " chain | Q | G80, G90, G90C, X | 5 2* | 56-26 |
| Cranked double link, for $\frac{1}{8}$ " chain | Q | All Models | 6 2* | 46-30 |
| Cranked double link, for $\frac{1}{8}$ " chain | Q | G2MC, G3C, G5 | 9 2* | 56-30 |
| Cranked double link, for $\frac{1}{8}$ " chain | Q | G80, G90, G90C, X | 9 2* | 56-30 |
| Spring clip, for $\frac{1}{8}$ " connecting link | Q | All Models | 1 2* | 46-27 |
| Spring clip, for $\frac{1}{8}$ " connecting link | Q | G2MC, G3C, G5 | 1 2* | 56-27 |
| Spring clip, for $\frac{1}{8}$ " connecting link | Q | G80, G90, G90C, X | 1 2* | 56-27 |

All magneto and dynamo driving chains are endless and connecting and cranked links cannot be supplied.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

GEAR BOX SECTION.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---------------------------------------|------|-----------------------|----------------|-----------------|
| GEAR BOX FIXING BOLT GROUP. | | | | |
| Bolt, fixing top of gear box | 1 | G2, G2M, G2MC, G7 | 6 | STD-313 |
| Bolt, fixing top of gear box | 1 | G3, G3C, G4, G5 | 6 | STD-313 |
| Bolt, fixing top of gear box | 1 | G80, G90, G90C | 7 | 39-G9-G59 |
| Bolt, fixing top of gear box | 1 | X | 8 | 37-X-G59 |
| Spacer, on top bolt, inside, left | 1 | G80, G90, G90C | 3 | 39-G9-G61 |
| Spacer, on top bolt, inside, right | 1 | G80, G90, G90C | 3 | 39-G9-G61 |
| Collar, on top bolt, outside, right | 1 | All except X | 3 | STD-632 |
| Nut, on top bolt, left | 1 | All except X | 3 | STD-2 |
| Nut, on top bolt, right | 1 | All except X | 3 | STD-2 |
| Nut, on top bolt, right | 1 | X | 7 | 4375 |
| Bolt, fixing bottom of gear box | 1 | G2, G2M, G2MC, G7 | 6 | STD-312 |
| Bolt, fixing bottom of gear box | 1 | G3, G3C, G4, G5 | 6 | STD-312 |
| Bolt, fixing bottom of gear box | 1 | G80, G90, G90C | 6 | STD-313 |
| Bolt, fixing bottom of gear box | 1 | X | 6 | STD-330 |
| Spacer, on bottom bolt, inside, left | 1 | G80, G90, G90C | 3 | 39-G9-G61 |
| Spacer, on bottom bolt, inside, right | 1 | G80, G90, G90C | 3 | 39-G9-G61 |
| Nut, on bottom bolt | 2 | All except X | 3 | STD-2 |
| Nut, on bottom bolt | 2 | X | 3 | STD-1 |
| Eye-bolt, for front chain adjustment | 1 | All except X | 6 | STD-594 |
| Eye-bolt, for front chain adjustment | 1 | X | 1 0 | 4177-1 |
| Nut, on eye-bolt | 2 | All except X | 3 | STD-215 |
| Nut, on eye-bolt | 2 | X | 5 | STD-217 |
| Crosshead block, for eye-bolt | 1 | All except X | 4 | STD-785 |
| Bolt, fixing crosshead block | 1 | G2MC, G3, G3C, G4, G5 | 2 | STD-361 |
| Bolt, fixing crosshead block | 1 | G80, G90, G90C | 2 | STD-361 |
| Washer, for crosshead block bolt | 1 | G2MC, G3, G3C, G4, G5 | 1 | STD-11 |
| Washer, for crosshead block bolt | 1 | G80, G90, G90C | 1 | STD-11 |

THE PARTS IN THE FOLLOWING NINE GROUPS ONLY REFER TO THE BURMAN TYPE H.P. GEAR BOXES AS FITTED TO MODELS G2, G2M AND G7.

GEAR BOX SHELL GROUP.

| | | | | |
|--|---|-------------|--------|---------|
| Shell, bare | 1 | G2, G2M, G7 | 1 5 0* | 1-HP-32 |
| Stud, for shell, $\frac{1}{2}$ " projection | 2 | G2, G2M, G7 | 6* | 60-X-1 |
| Stud, for shell, $1\frac{1}{4}$ " projection | 1 | G2, G2M, G7 | 6* | 106-H-1 |
| Stud, for shell, $2\frac{3}{8}$ " projection | 1 | G2, G2M, G7 | 6* | 113-H-1 |
| Stud, for shell, $2\frac{5}{8}$ " projection | 1 | G2, G2M, G7 | 6* | 60-X-8 |
| Nut, for shell stud | 5 | G2, G2M, G7 | 2* | 63-X |
| Distance sleeve, for stud | 1 | G2, G2M, G7 | 6* | 112-H |
| Cover, for grease aperture in shell | 1 | G2, G2M, G7 | 2 0* | 71-H |
| Stud, for grease aperture cover | 2 | G2, G2M, G7 | 6* | 138-X |
| Nut, for grease aperture cover stud | 2 | G2, G2M, G7 | 2* | 63-X |
| Grease nipple, for shell | 1 | G2, G2M, G7 | 2* | 245-X-1 |
| Kick-starter case | 2 | G2, G2M, G7 | 16 0* | 2-H-5 |
| Stud, for kick-starter case | 2 | G2, G2M, G7 | 6* | 62-X |
| Nut, for kick-starter case stud | 1 | G2, G2M, G7 | 2* | 63-X |
| Inspection cover, for clutch lever | 2 | G2, G2M, G7 | 6* | 99-H |
| Stud, for clutch lever cover | 2 | G2, G2M, G7 | 6* | 138-X |
| Nut, for clutch lever cover stud | 2 | G2, G2M, G7 | 2* | 63-X |
| Distance piece, for clutch lever bracket | 1 | G2, G2M, G7 | 1 3* | 101-H |
| Cover, for kick-starter case | 1 | G2, G2M, G7 | 10 0* | 4-H-2 |

BEARING GROUP.

| | | | | |
|-------------------------------------|-------|-------------|-------|-------|
| Ball bearing, for main gear | (A) 1 | G2, G2M, G7 | 12 6* | 267-X |
| Gland washer, for ball bearing | 1 | G2, G2M, G7 | 6* | 108-H |
| Locating ring, for ball bearing | 1 | G2, G2M, G7 | 6* | 109-H |
| Outer washer, for ball bearing | 1 | G2, G2M, G7 | 3* | 110-H |
| Inner washer, for ball bearing | 1 | G2, G2M, G7 | 4* | 111-H |
| Spring ring, retaining outer washer | 1 | G2, G2M, G7 | 4* | 78-X |
| Ball bearing, for mainshaft | (B) 1 | G2, G2M, G7 | 10 0* | 268-X |
| Washer, for mainshaft ball bearing | 1 | G2, G2M, G7 | 3* | 105-H |
| Bush, for layshaft | 2 | G2, G2M, G7 | 3 0* | 255-X |
| Peg, locating layshaft bush | 2 | G2, G2M, G7 | 1* | 87-X |
| Cover washer, in shell, for bush | 1 | G2, G2M, G7 | 2* | 205-X |

(A) Dimensions: $2\frac{1}{4}$ " external, $1\frac{1}{8}$ " internal, $\frac{7}{16}$ " thick.

(B) Dimensions: 35mm. external, 15mm. internal, 11mm. thick.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|------|-------------|-------------|--------------|
| GEAR AND SHAFT GROUP. | | | | |
| | | | £ s. d. | |
| Mainshaft, 10 $\frac{1}{2}$ " overall length ... | 1 | G2, G2M, G7 | 1 5 0* | 11-H-12 |
| Main gear, with bushes. 30 teeth ... | 1 | G2, G2M, G7 | 1 12 0* | 15-H-6 |
| Bush, only, for main gear ... | 2 | G2, G2M, G7 | 3 0* | 256-X |
| Sliding gear, for mainshaft. 23/26 teeth ... | 1 | G2, G2M, G7 | 1 5 0* | 14-H |
| First gear, for mainshaft. 17 teeth ... | 1 | G2, G2M, G7 | 10 0* | 24-H-1 |
| Grease retaining washer, for first gear ... | 1 | G2, G2M, G7 | 1 0* | 252-X |
| Layshaft ... | 1 | G2, G2M, G7 | 1 0 0* | 29-H-3 |
| Small gear, for layshaft. 19 teeth ... | 1 | G2, G2M, G7 | 10 0* | 25-H-2 |
| Third gear, for layshaft. 23 teeth ... | 1 | G2, G2M, G7 | 17 6* | 26-H |
| Second gear, for layshaft. 26 teeth ... | 1 | G2, G2M, G7 | 17 6* | 27-H |
| First gear, for layshaft. 32 teeth ... | 1 | G2, G2M, G7 | 12 0* | 28-H-1 |

GEAR OPERATING GROUP.

| | | | | |
|-------------------------------------|---|-------------|------|---------|
| Bell crank inner lever ... | 1 | G2, G2M, G7 | 8 6* | 37-H-2 |
| Bell crank sleeve ... | 1 | G2, G2M, G7 | 3 0* | 117-H |
| Bell crank bearing screw ... | 1 | G2, G2M, G7 | 1 0* | 40-H-2 |
| Bell crank spindle ... | 1 | G2, G2M, G7 | 2 6* | 38-H-2 |
| Operating block, for bell lever ... | 1 | G2, G2M, G7 | 2 0* | 89-X |
| Pawl, for bell lever ... | 1 | G2, G2M, G7 | 2 0* | 42-H |
| Bearing screw, for pawl ... | 1 | G2, G2M, G7 | 1 3* | 94-X |
| Nut, for pawl bearing screw ... | 1 | G2, G2M, G7 | 4* | 95-X |
| Cap, for pawl bearing screw ... | 1 | G2, G2M, G7 | 2* | 203-X |
| Spring, for bell lever pawl ... | 1 | G2, G2M, G7 | 9* | 193-X-4 |
| Control inner lever ... | 1 | G2, G2M, G7 | 4 0* | 48-H |
| Bolt, for control inner lever ... | 1 | G2, G2M, G7 | 1 0* | 49-H-3 |
| Washer, for control lever bolt ... | 1 | G2, G2M, G7 | 2* | 243-X |
| Trunnion ball, for inner lever ... | 1 | G2, G2M, G7 | 1 0* | 99-X |

All the above gear operating parts are located inside the gear box shell.

| | | | | |
|--|---|-------------|------|----------|
| Index ratchet plate, with spindle ... | 1 | G2, G2M, G7 | 7 6* | CO-31-8 |
| Quadrant ... | 1 | G2, G2M, G7 | 6 6* | CO-53-8 |
| Pawl ... | 1 | G2, G2M, G7 | 1 6* | CO-52-6 |
| Pin, for pawl ... | 1 | G2, G2M, G7 | 1* | 87-X |
| Spindle, for pawl ... | 1 | G2, G2M, G7 | 3* | CO-60-2 |
| Spring, for pawl. (Small spring) ... | 1 | G2, G2M, G7 | 3* | CO-67-2 |
| Cotter pin, for pawl ... | 1 | G2, G2M, G7 | 1* | CO-102 |
| Pin, for pawl spring ... | 1 | G2, G2M, G7 | 1* | 87-X |
| Bush, for control spindle. (In KS case) ... | 1 | G2, G2M, G7 | 4 0* | CO-54-12 |
| Bush, for control spindle. (In KS cover) ... | 1 | G2, G2M, G7 | 2 0* | CO-99-2 |
| Main spring, for control. (Large spring) ... | 1 | G2, G2M, G7 | 3* | CO-66-3 |
| Pin, for main spring ... | 1 | G2, G2M, G7 | 3* | CO-98 |

All the above gear operating parts are located inside the kick-starter case.

GEAR CONTROL GROUP.

| | | | | |
|--|---|-------------|------|------------|
| Neutral indicator, small, fixed ... | 1 | G2, G2M, G7 | 3* | CO-101-2 |
| Neutral indicator, large, moving ... | 1 | G2, G2M, G7 | 6* | CO-97 |
| Nut, retaining moving indicator ... | 1 | G2, G2M, G7 | 2* | 287-X |
| Foot control lever, or pedal, bare ... | 1 | G2, G2M, G7 | 7 6* | CO-92-12 |
| Foot control lever, with rubber fitted ... | 1 | G2, G2M, G7 | 8 4* | CO-92-12-A |
| Rubber pad, for foot control lever ... | 1 | G2, G2M, G7 | 9* | CO-82-2 |
| Pin, fixing foot lever rubber pad ... | 1 | G2, G2M, G7 | 1* | CO-38 |
| Bolt, clamping foot lever ... | 1 | G2, G2M, G7 | 1 3* | CO-63-3 |
| Nut, for foot lever clamping bolt ... | 1 | G2, G2M, G7 | 2* | 10-X |

KICK-STARTER GROUP.

| | | | | |
|--|---|-------------|-------|-----------|
| Driving ratchet ... | 1 | G2, G2M, G7 | 4 0* | 266-X |
| Ratchet pinion ... | 1 | G2, G2M, G7 | 5 0* | 102-H |
| Bush, for ratchet pinion ... | 1 | G2, G2M, G7 | 2 0* | 264-X |
| Spring, for ratchet pinion ... | 1 | G2, G2M, G7 | 9* | 265-X |
| Nut, retaining ratchet driver ... | 1 | G2, G2M, G7 | 6* | 258-X |
| Spindle, for KS quadrant and lever ... | 1 | G2, G2M, G7 | 7 6* | 198-X-4 |
| Bush, for KS spindle. (In KS case) ... | 1 | G2, G2M, G7 | 2 0* | 201-X-2 |
| Bush, for KS spindle. (In KS case cover) ... | 1 | G2, G2M, G7 | 2 0* | 200-X-3 |
| Quadrant, for KS spindle ... | 1 | G2, G2M, G7 | 10 6* | 199-X-4 |
| KS spindle and quadrant assembly ... | 1 | G2, G2M, G7 | 18 0* | 199-X-4-A |
| Return spring, for kick-starter ... | 1 | G2, G2M, G7 | 2 0* | 130-X |
| Pin, for return spring ... | 1 | G2, G2M, G7 | 1* | 132-X |
| Stop rubber and sleeve, for quadrant ... | 1 | G2, G2M, G7 | 0* | 320-X |
| Peg, for stop rubber and sleeve ... | 1 | G2, G2M, G7 | 6* | 202-X |

All the above parts are inside the kick-starter case.

| | | | | |
|--|---|-------------|-------|----------|
| Kick-start foot lever, less pedal pin ... | 1 | G2, G2M, G7 | 10 6* | 194-X-14 |
| Pedal pin, for foot lever ... | 1 | G2, G2M, G7 | 3 0* | 115-X-1 |
| Bolt, clamping foot lever to spindle ... | 1 | G2, G2M, G7 | 9* | 315-X |
| Spring washer, for lever clamping bolt ... | 1 | G2, G2M, G7 | 1* | 109-X |
| Nut, for lever clamping bolt ... | 1 | G2, G2M, G7 | 6* | 144-X |

All the above parts are outside the gear box.

FINAL DRIVE GROUP.

| | | | | |
|--|---|-------------|-------|---------|
| Sprocket, 20 teeth, $\frac{1}{2}$ " by .305" ... | 1 | G2, G2M, G7 | 10 0* | 261-X-8 |
| Distance collar, for sprocket ... | 1 | G2, G2M, G7 | 2 6* | 284-X-6 |
| Nut, fixing sprocket to main gear ... | 1 | G2, G2M, G7 | 1 9* | 82-X |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|------|-------------|-------------|--------------|
| CLUTCH GROUP. | | | | |
| Chain sprocket, bare, $\frac{1}{4}$ " by .305" 40T | 1 | G2, G2M, G7 | £ 1 0 0* | 7-X-14 |
| Buffer plate, for sprocket | 1 | G2, G2M, G7 | 9* | 8-X |
| Rubber buffer, for sprocket | 4 | G2, G2M, G7 | 2* | 12-X |
| Bolt and nut, for buffer plate | 4 | G2, G2M, G7 | 3* | 9X-10X |
| Sprocket and clutch case, assembled | 1 | G2, G2M, G7 | 1 16 8* | 7-X-14-A |
| Clutch case. (For 3 plate clutch) | 1 | G2, G2M, G7 | 12 0* | 1-X-6 |
| Clutch centre | 1 | G2, G2M, G7 | 1 0 0* | 2-X-14 |
| Roller race, for sprocket bearing | 1 | G2, G2M, G7 | 2 0* | 34-X-2 |
| Rollers, for sprocket bearing per set | 24 | G2, G2M, G7 | 3 6* | 35-X |
| Thin washer, for sprocket bearing | 1 | G2, G2M, G7 | 9* | 36-X-2 |
| Thick washer, for sprocket bearing | 1 | G2, G2M, G7 | 9* | 36-X-3 |
| Nut, fixing clutch centre to mainshaft | 1 | G2, G2M, G7 | 6* | 69-X |
| Plain washer, for centre fixing nut | 1 | G2, G2M, G7 | 1* | 217-X |
| Spring washer, for centre fixing nut | 1 | G2, G2M, G7 | 1* | 269-X |
| Steel plain plate, thick | 1 | G2, G2M, G7 | 2 0* | 6-X |
| Steel plain plate, thin | 3 | G2, G2M, G7 | 2 0* | 5-X |
| Friction plate, with fabric inserts | 3 | G2, G2M, G7 | 5 0* | 3-X-2 |
| Spring pressure plate | 1 | G2, G2M, G7 | 9 0* | 18-X-5 |
| Adjusting screw, for pressure plate | 1 | G2, G2M, G7 | 6* | 19-X-6 |
| Lock nut, for adjusting screw | 1 | G2, G2M, G7 | 6* | 20-X-4 |
| Spring, for clutch | 4 | G2, G2M, G7 | 6* | 21-X-3 |
| Cup, for clutch spring | 4 | G2, G2M, G7 | 6* | 22-X |
| Stud, for clutch spring | 4 | G2, G2M, G7 | 4* | 24-X-10 |
| Adjusting nut, for clutch spring | 4 | G2, G2M, G7 | 4* | 23-X |
| Fabric inserts, only, per dozen | 72 | G2, G2M, G7 | 9* | 4-X-2 |

CLUTCH OPERATING GROUP.

| | | | | |
|-------------------------------------|---|-------------|------|---------|
| Thrust rod, 10 $\frac{1}{2}$ " long | 1 | G2, G2M, G7 | 1 0* | 244-X-2 |
| Bracket, for operating lever | 1 | G2, G2M, G7 | 3 6* | 3-H-6 |
| Operating lever | 1 | G2, G2M, G7 | 2 6* | 103-H-2 |
| Pin, for operating lever | 1 | G2, G2M, G7 | 9* | 104-H |
| Nut, for operating lever pin | 1 | G2, G2M, G7 | 2* | 63-X |
| Plunger, for operating lever | 1 | G2, G2M, G7 | 1 0* | 118-X |
| Ball, for operating lever plunger | 1 | G2, G2M, G7 | 1* | 119-H |

For clutch operating handlebar levers and cables, see Pages 37 and 38.

THE PARTS IN THE FOLLOWING NINE GROUPS ONLY REFER TO THE BURMAN TYPE C.P. GEAR BOXES AS FITTED TO MODELS G2MC, G3, G3C, G4, G5, G80, G90 AND G90C.

The term "All C.P. boxes" mentioned in the "Used on" column means all the above mentioned models.

THE GEAR BOXES FITTED TO MODELS G3 AND G4 ARE IDENTICAL. THEY HAVE STANDARD GEAR RATIOS AND THREE PLATE CLUTCHES.

THE GEAR BOXES FITTED TO MODELS G5, G80 and G90 ARE IDENTICAL. THEY HAVE STANDARD GEAR RATIOS AND FOUR PLATE CLUTCHES.

THE GEAR BOXES FITTED TO MODELS G2MC, G3C and G90C ARE IDENTICAL (EXCEPT FOR THE CLUTCHES). THEY HAVE COMPETITION GEAR RATIOS. MODELS G2MC AND G3C HAVE FOUR PLATE CLUTCHES AND MODEL G90C HAS FIVE PLATE CLUTCHES.

GEAR BOX SHELL GROUP.

| | | | | |
|---|---|----------------|---------|---------|
| Shell, bare | 1 | All C.P. boxes | 1 10 0* | 1-CP-11 |
| Stud, for shell, 1 $\frac{1}{16}$ " by $\frac{1}{16}$ " | 2 | All C.P. boxes | 6* | 60-X-6 |
| Stud, for shell, 3 $\frac{1}{16}$ " by $\frac{1}{16}$ " | 2 | All C.P. boxes | 6* | 60-X-7 |
| Stud, for shell, 1" by $\frac{1}{4}$ " | 2 | All C.P. boxes | 6* | 60-X-1 |
| Nut, for $\frac{1}{16}$ " stud | 4 | All C.P. boxes | 3* | 152-X |
| Nut, for $\frac{1}{4}$ " stud | 2 | All C.P. boxes | 2* | 63-X |
| Kick-starter case | 1 | All C.P. boxes | 15 0* | 3-C-7 |
| Stud, for kick-starter case, 2 $\frac{1}{4}$ " by $\frac{1}{4}$ " | 3 | All C.P. boxes | 6* | 296-X |
| Nut, for kick-starter case stud | 3 | All C.P. boxes | 2* | 63-X |
| Cover, for kick-starter case | 1 | All C.P. boxes | 15 0* | 4-C-8 |
| Filler cap, for kick-starter case cover | 1 | All C.P. boxes | 2 0* | 326-X |

BEARING GROUP.

| | | | | |
|---|-------|----------------|-------|----------|
| Ball bearing, for main gear | (C) 1 | All C.P. boxes | 15 0* | 177-X |
| Gland felt washer, for ball bearing | 1 | All C.P. boxes | 6* | 112-C |
| Gland metal washer, dished | 1 | All C.P. boxes | 4* | 115-C |
| Split ring, locating bearing in shell | 1 | All C.P. boxes | 6* | 113-C |
| Gland outer washer, for ball bearing | 1 | All C.P. boxes | 3* | 114-C |
| Spring ring, retaining outer washer | 1 | All C.P. boxes | 4* | 80-X |
| Ball bearing, for mainshaft | (D) 1 | All C.P. boxes | 12 6* | 68-X |
| Metal washer, for mainshaft bearing | 1 | All C.P. boxes | 4* | 37-1-C-2 |
| Spring ring, retaining mainshaft washer | 1 | All C.P. boxes | 4* | 37-2-C |
| Bush, for layshaft | 2 | All C.P. boxes | 4 0* | 181-X |
| Peg, locating layshaft bush | 2 | All C.P. boxes | 1* | 87-X |
| Cover washer, in shell, for bush | 1 | All C.P. boxes | 2* | 182-X |

(C) Dimensions: 2 $\frac{1}{16}$ " external, 1 $\frac{3}{16}$ " internal, $\frac{3}{16}$ " thick.

(D) Dimensions: 40mm. external, 17mm. internal, 12mm. thick.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price | | | Part Number. |
|--|------|----------------------|-------|----|-------|--------------|
| | | | Each. | £ | s. d. | |
| GEAR AND SHAFT GROUP. | | | | | | |
| Mainshaft, 10½" overall length ... | 1 | All C.P. boxes | 1 | 5 | 6* | 10-C-15 |
| Main gear, with bushes, 30 teeth ... | 1 | G3, G4, G5, G80, G90 | 1 | 12 | 0* | 15-C-6 |
| Main gear, with bushes, 32 teeth ... | 1 | G2MC, G3C, G90C | 1 | 12 | 0* | 15-C-9 |
| Bush, only, for main gear ... | 2 | All C.P. boxes | 1 | 4 | 0* | 187-X-3 |
| Sliding gear, for mainshaft, 18/23 teeth ... | 1 | All C.P. boxes | 1 | 10 | 0* | 14-C-4 |
| Third gear, for mainshaft, 27 teeth ... | 1 | All C.P. boxes | 1 | 12 | 6* | 24-C-3 |
| Layshaft spindle ... | 1 | All C.P. boxes | 1 | 0 | 0* | 30-C-9 |
| Small gear, on layshaft, 20 teeth ... | 1 | G3, G4, G5, G80, G90 | 1 | 10 | 0* | 28-C-3 |
| Small gear, for layshaft, 18 teeth ... | 1 | G2MC, G3C, G90C | 1 | 10 | 0* | 28-C-6 |
| First gear, on layshaft, 32 teeth ... | 1 | All C.P. boxes | 1 | 12 | 6* | 27-C-5 |
| Second gear, on layshaft, 27 teeth ... | 1 | All C.P. boxes | 1 | 12 | 6* | 26-C-5 |
| Third gear, on layshaft, 23 teeth ... | 1 | All C.P. boxes | 1 | 10 | 0* | 25-C-3 |
| Sliding clutch, for layshaft ... | 1 | All C.P. boxes | 1 | 7 | 6* | 29-C-3 |

GEAR OPERATING GROUP.

| | | | | | | |
|---|---|----------------|----|---------|---------|--------|
| Operating fork, for mainshaft gear ... | 1 | All C.P. boxes | 8 | 0* | 42-C | |
| Operating fork, for layshaft clutch ... | 1 | All C.P. boxes | 8 | 0* | 43-C | |
| Peg, for operating fork ... | 2 | All C.P. boxes | 6* | 157-X | | |
| Split pin, for operating fork peg ... | 2 | All C.P. boxes | 1* | 158-X | | |
| Camshaft, bare ... | 1 | All C.P. boxes | 1 | 5 | 0* | 45-C-2 |
| Bush (in shell), for camshaft ... | 1 | All C.P. boxes | 2 | 0* | 159-X | |
| Pawl (engages in camshaft) ... | 1 | All C.P. boxes | 2 | 0* | 163-X-2 | |
| Bearing pin, for pawl ... | 1 | All C.P. boxes | 1 | 3* | 164-X | |
| Nut, for pawl bearing pin ... | 1 | All C.P. boxes | 4* | 95-X | | |
| Spring, for pawl ... | 1 | All C.P. boxes | 9* | 193-X-1 | | |
| Screwed plug, for pawl spring ... | 1 | All C.P. boxes | 1 | 0* | 98-X | |

All the above parts are inside the gear box shell.

| | | | | | |
|--|----|----------------|----|---------|-----------|
| Quadrant ... | 1 | All C.P. boxes | 3 | 9* | 162-X-3 |
| Sector ... | 1 | All C.P. boxes | 3 | 9* | 161-X-2 |
| Ratchet ... | 1 | All C.P. boxes | 3 | 6* | CO-51-6 |
| Quadrant, sector and ratchet, assembled ... | 1 | All C.P. boxes | 11 | 0* | CO-51-6-A |
| Rivet, fixing sector ... | 2 | All C.P. boxes | 1* | CO-96-1 | |
| Rivet, fixing ratchet ... | 1 | All C.P. boxes | 1* | CO-96-2 | |
| Control spindle ... | 1 | All C.P. boxes | 3 | 6* | CO-90 |
| Nut (inside), for control spindle ... | 1 | All C.P. boxes | 2* | 287-X | |
| Bush, for control spindle, (In KS case) ... | 1 | All C.P. boxes | 1 | 0* | CO-91 |
| Bush, for camshaft, (In KS case) ... | 1 | All C.P. boxes | 2 | 0* | 160-X-2 |
| Rollers, for camshaft, per set ... | 12 | All C.P. boxes | 2 | 0* | 192-X |
| Control quadrant ... | 1 | All C.P. boxes | 3 | 0* | CO-53-4 |
| Sleeve, for control quadrant ... | 1 | All C.P. boxes | 7 | 6* | CO-94 |
| Peg, for operating pawl ... | 1 | All C.P. boxes | 3* | CO-62-1 | |
| Quadrant, sleeve and pawl peg, assembled ... | 1 | All C.P. boxes | 10 | 0* | CO-53-4-A |
| Bush, for control quadrant sleeve ... | 1 | All C.P. boxes | 5 | 0* | CO-54-7 |
| Bolt, fixing quadrant sleeve bush ... | 1 | All C.P. boxes | 1 | 3* | CO-95 |
| Indexing rocking pawl ... | 1 | All C.P. boxes | 1 | 6* | CO-52-5 |
| Spindle, for indexing pawl ... | 1 | All C.P. boxes | 3* | CO-60-1 | |
| Spring box ... | 1 | All C.P. boxes | 5 | 0* | CO-49-5 |
| Cover plate, for spring box ... | 1 | All C.P. boxes | 1 | 0* | CO-56-4 |
| Main spring, for spring box, (Long) ... | 2 | All C.P. boxes | 6* | CO-66-1 | |
| Pawl spring, for spring box, (Short) ... | 2 | All C.P. boxes | 6* | CO-67-1 | |
| Plate, for main spring ... | 2 | All C.P. boxes | 2* | CO-59-1 | |
| Plate, for pawl spring ... | 2 | All C.P. boxes | 2* | CO-58-1 | |

All the above parts are inside the kick-starter case.

GEAR CONTROL GROUP.

| | | | | | |
|---|---|-----------------|----|---------|-----------|
| Neutral indicator, small fixed ... | 1 | All C.P. boxes | 3* | CO-97-1 | |
| Neutral indicator, large, moving ... | 1 | All C.P. boxes | 6* | CO-97 | |
| Nut, retaining moving indicator ... | 1 | All C.P. boxes | 3* | 171-C | |
| Foot control lever, less rubber pad ... | 1 | G3, G4 | 7 | 6* | CO-92-4 |
| Foot control lever, less rubber pad ... | 1 | G5, G80, G90 | 6* | CO-92-2 | |
| Foot control lever, less rubber pad ... | 1 | G2MC, G3C, G90C | 6* | CO-92-2 | |
| Foot control lever, with rubber pad ... | 1 | G3, G4 | 8 | 4* | CO-92-4-A |
| Foot control lever, with rubber pad ... | 1 | G5, G80, G90 | 8 | 4* | CO-92-2-A |
| Foot control lever, with rubber pad ... | 1 | G2MC, G3C, G90C | 8 | 4* | CO-92-2-A |
| Rubber pad, for foot control lever ... | 1 | All C.P. boxes | 9* | CO-82-2 | |
| Pin, fixing foot lever rubber pad ... | 1 | All C.P. boxes | 1* | CO-38 | |
| Bolt, clamping foot lever to sleeve ... | 1 | All C.P. boxes | 1 | 3* | CO-63-3 |
| Nut, for foot lever clamping bolt ... | 1 | All C.P. boxes | 2* | 10-X | |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

OVERHAULING.

When sending a complete motor cycle, engine, gear box or other part with the request we "overhaul" same, we understand, by the term "overhaul" it is to be entirely dismantled, thoroughly renovated, and any unduly worn part renewed and put in perfect working order. In case a customer desires only certain points attended to, explicit instructions should be given to that effect, otherwise the cost may be in excess of what is anticipated.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|------|-----------------|-------------|--------------|
| CLUTCH GROUP. | | | | |
| Sprocket, bare, 40 teeth, $\frac{1}{2}$ " by .305" | 1 | G3, G4 | £ 1 0 0* | 7-X-14 |
| Sprocket, bare, 40 teeth, $\frac{1}{2}$ " by .305" | 1 | G5, G80, G90 | 1 0 0* | 7-X-28 |
| Sprocket, bare, 40 teeth, $\frac{1}{2}$ " by .305" | 1 | G2MC, G3C, G90C | 1 0 0* | 7-X-28 |
| Clutch case (three plate clutch) | 1 | G3, G4 | 12 0* | 1-X-6 |
| Clutch case (four plate clutch) | 1 | G5, G80, G90 | 12 0* | 1-X-7 |
| Clutch case (four plate clutch) | 1 | G2MC, G3C | 12 0* | 1-X-7 |
| Clutch case (five plate clutch) | 1 | G90C | 12 0* | 1-X-8 |
| Sprocket rivet | 8 | G5, G80, G90 | 1* | 9-X-3 |
| Sprocket rivet | 8 | G2MC, G3C, G90C | 1* | 9-X-3 |
| Buffer plate, for sprocket | 4 | G3, G4 | 9* | 8-X |
| Rubber buffer, for sprocket | 4 | G3, G4 | 2* | 12-X |
| Bolt and nut, for buffer plate | 4 | G3, G4 | 3* | 9X/10X |
| Sprocket and clutch case, assembled | 1 | G3, G4 | 1 16 8* | 7-X-A-3 |
| Sprocket and clutch case, assembled | 1 | G5, G80, G90 | 1 12 8* | 7-X-A-4 |
| Sprocket and clutch case, assembled | 1 | G2MC, G3C | 1 12 8* | 7-X-A-4 |
| Sprocket and clutch case, assembled | 1 | G90C | 1 12 8* | 7-X-A-5 |
| Clutch centre (three plate clutch) | 1 | G3, G4 | 1 0 0* | 2-X-14 |
| Clutch centre (four plate clutch) | 1 | G5, G80, G90 | 1 0 0* | 2-X-15 |
| Clutch centre (four plate clutch) | 1 | G2MC, G3C | 1 0 0* | 2-X-15 |
| Clutch centre (five plate clutch) | 1 | G90C | 1 0 0* | 2-X-16 |
| Roller race, for sprocket bearing | 1 | All C.P. boxes | 2 0* | 34-X-2 |
| Rollers, for bearing, per set | 24 | All C.P. boxes | 3 6* | 35-X |
| Thin washer, for sprocket bearing | 1 | All C.P. boxes | 9* | 36-X-2 |
| Thick washer, for sprocket bearing | 1 | All C.P. boxes | 9* | 36-X-3 |
| Nut, retaining centre to mainshaft | 1 | All C.P. boxes | 6* | 69-X |
| Plain washer, for retaining nut | 1 | All C.P. boxes | 3* | 71-X |
| Spring washer, for retaining nut | 1 | All C.P. boxes | 3* | 212-X |
| Steel plain plate, thick | 1 | G3, G4 | 2 0* | 6-X-1 |
| Steel plain plate, thick | 1 | G5, G80, G90 | 3 6* | 6-X-2 |
| Steel plain plate, thick | 1 | G2MC, G3C, G90C | 3 6* | 6-X-2 |
| Steel plain plate, thin | 3 | G3, G4 | 2 0* | 5-X |
| Steel plain plate, thin | 4 | G5, G80, G90 | 2 0* | 5-X |
| Steel plain plate, thin | 4 | G2MC, G3C | 2 0* | 5-X |
| Steel plain plate, thin | 5 | G90C | 2 0* | 5-X |
| Friction plate, with inserts | 3 | G3, G4 | 5 0* | 3-X-2 |
| Friction plate, with inserts | 4 | G5, G80, G90 | 5 0* | 3-X-2 |
| Friction plate, with inserts | 4 | G2MC, G3C | 5 0* | 3-X-2 |
| Friction plate, with inserts | 5 | G90C | 5 0* | 3-X-2 |
| Fabric inserts, only, per dozen | 72 | G3, G4 | 9* | 4-X-2 |
| Fabric inserts, only, per dozen | 96 | G5, G80, G90 | 9* | 4-X-2 |
| Fabric inserts, only, per dozen | 96 | G2MC, G3C | 9* | 4-X-2 |
| Fabric inserts, only, per dozen | 120 | G90C | 9* | 4-X-2 |
| Spring pressure plate | 1 | All C.P. boxes | 9 0* | 18-X-8 |
| Spring, for clutch | 4 | All C.P. boxes | 6* | 21-X-3 |
| Cup, for clutch spring | 4 | All C.P. boxes | 6* | 22-X |
| Stud, for clutch spring, $1\frac{1}{8}$ " | 4 | G3, G4 | 4* | 24-X-10 |
| Stud, for clutch spring, $1\frac{1}{8}$ " | 4 | G5, G80, G90 | 4* | 24-X-11 |
| Stud, for clutch spring, $1\frac{1}{8}$ " | 4 | G2MC, G3C | 4* | 24-X-11 |
| Stud, for clutch spring, $2\frac{1}{8}$ " | 4 | G90C | 4* | 24-X-12 |
| Adjusting nut, for clutch spring | 4 | All C.P. boxes | 4* | 23-X |
| CLUTCH OPERATING GROUP. | | | | |
| Clutch thrust rod, $9\frac{1}{8}$ " long | 1 | G3, G4 | 1 0* | 28-X-3 |
| Clutch thrust rod, $9\frac{1}{8}$ " long | 1 | G5, G80, G90 | 1 0* | 28-X-4 |
| Clutch thrust rod, $9\frac{1}{8}$ " long | 1 | G2MC, G3C | 1 0* | 28-X-4 |
| Clutch thrust rod, $10\frac{1}{12}$ " long | 1 | G90C | 1 0* | 28-X-5 |
| Operating plunger | 1 | All C.P. boxes | 6* | 330-X |
| Steel ball, for operating plunger | 1 | All C.P. boxes | 1* | 67-X |
| Operating lever | 1 | All C.P. boxes | 2 0* | 175-X-4 |
| Pin (or axle), for operating lever | 1 | All C.P. boxes | 9* | 66-X-7 |
| Fork, for operating lever | 1 | All C.P. boxes | 1 6* | 329-X |
| Sleeve, for operating lever fork | 1 | All C.P. boxes | 6* | 331-X |
| Cap, covering sleeve (outside KS cover) | 1 | All C.P. boxes | 1 6* | 328-X |
| Screw, fixing cap to KS case cover | 2 | All C.P. boxes | 4* | 333-X |
| FINAL DRIVE GROUP. | | | | |
| Sprocket, 20 teeth, $\frac{1}{2}$ " by .305" | 1 | G3, G4 | 15 0* | 179-X-9 |
| Sprocket, 16 teeth, $\frac{1}{2}$ " by .380" | 1 | G5, G80, G90 | 15 0* | 179-X-7 |
| Sprocket, 16 teeth, $\frac{1}{2}$ " by .380" | 1 | G2MC, G3C, G90C | 15 0* | 179-X-7 |
| Distance collar, for sprocket, .377" | 1 | G3, G4 | 1 0* | 180-X-10 |
| Distance collar, for sprocket, $\frac{1}{16}$ " | 1 | G5, G80, G90 | 1 0* | 180-X-8 |
| Distance collar, for sprocket, $\frac{1}{16}$ " | 1 | G2MC, G3C, G90C | 1 0* | 180-X-8 |
| Distance washer, for sprocket, $\frac{1}{16}$ " | 1 | G5, G80, G90 | 4* | 206-X-2 |
| Distance washer, for sprocket, $\frac{1}{16}$ " | 1 | G2MC, G3C, G90C | 4* | 206-X-2 |
| Collar, under sprocket nut, $\frac{3}{8}$ " | 1 | G5, G80, G90 | 4* | 206-X-1 |
| Collar, under sprocket nut, $\frac{3}{8}$ " | 1 | G2MC, G3C, G90C | 4* | 206-X-1 |
| Nut, retaining sprocket to main gear | 1 | All C.P. boxes | 1 9* | 176-X |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

WHEN IN DOUBT REGARDING THE NAMES AND PART NUMBERS OF THE PARTS YOU REQUIRE, PLEASE SEND THE OLD PARTS TO SERVE AS PATTERNS.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|------|----------------|-------------|--------------|
| KICK-STARTER GROUP. | | | | |
| Driving ratchet | 1 | All C.P. boxes | 5 9* | 186-X |
| Ratchet pinion | 1 | All C.P. boxes | 8 0* | 183-X |
| Bush, for ratchet pinion | 1 | All C.P. boxes | 2 6* | 184-X |
| Spring, for ratchet pinion | 1 | All C.P. boxes | 9* | 185-X |
| Nut, retaining ratchet driver | 1 | All C.P. boxes | 4* | 70-X |
| Spindle, for KS quadrant and lever | 1 | All C.P. boxes | 7 6* | 198-X-4 |
| Bush, for KS spindle (in KS case) | 1 | All C.P. boxes | 2 0* | 201-X-2 |
| Bush for KS spindle (in KS case cover) | 1 | All C.P. boxes | 2 0* | 200-X-3 |
| Quadrant, for KS spindle | 1 | All C.P. boxes | 10 6* | 199-X-3 |
| KS spindle and quadrant, assembled | 1 | All C.P. boxes | 18 0* | 199-X-3A |
| Return spring, for kick-starter | 1 | All C.P. boxes | 2 0* | 130-X |
| Pin, for return spring | 1 | All C.P. boxes | 3* | 132-X-2 |
| Stop rubber and sleeve, for quadrant | 1 | All C.P. boxes | 6* | 320-X |
| Peg, for stop rubber and sleeve | 1 | All C.P. boxes | 6* | 202-X |

All the above parts are inside the kick-starter case.

| | | | | |
|--------------------------------------|---|----------------------|-------|----------|
| Kick-start foot lever, bare | 1 | G3, G4, G5, G80, G10 | 10 6* | 194-X-26 |
| Kick-start foot lever, bare | 1 | G2MC, G3C, G90C | 10 6* | 194-X-13 |
| Pedal pin, for foot lever | 1 | G3, G4, G5, G80, G90 | 3 0* | 115-X |
| Pedal pin, for foot lever | 1 | G2MC, G3C, G90C | 4 6* | 115-X-2 |
| Nut, retaining pedal pin to lever | 1 | G2MC, G3C, G90C | 6* | 103-X |
| Spring washer, for pedal pin nut | 1 | G2MC, G3C, G90C | 3* | 104-X |
| Plain washer, for pedal pin nut | 1 | G2MC, G3C, G90C | 3* | 214-X |
| Bolt, clamping foot lever to spindle | 1 | All C.P. boxes | 9* | 315-X |
| Spring washer, for clamping bolt | 1 | All C.P. boxes | 1* | 109-X |
| Nut, for lever clamping bolt | 1 | All C.P. boxes | 6* | 144-X |

All the above parts are outside the gear box.

THE PARTS IN THE FOLLOWING NINE GROUPS ONLY REFER TO THE BURMAN TYPE B.A.P. GEAR BOXES AS FITTED TO MODEL X.

GEAR BOX SHELL GROUP.

| | | | | |
|---|---|---|-------|----------|
| Shell, bare | 1 | X | 10 0* | 1-BAP-23 |
| Stud, for shell, 1 1/8" by 3/8" | 2 | X | 6* | 60-X-6 |
| Stud, for shell, 1-11/32" by 5/16" | 1 | X | 6* | 110-BA-1 |
| Stud, for shell, 3/8" by 3/8" | 1 | X | 6* | 60-X-7 |
| Stud, for shell, 3/8" by 1/2" | 1 | X | 6* | 60-X-8 |
| Nut, for 3/8" stud | 4 | X | 3* | 152-X |
| Nut, for 1/2" stud | 1 | X | 2* | 63-X |
| Kick-starter case | 1 | X | 15 0* | 3-BA-16 |
| Stud, for kick-starter case, 2" by 1/8" | 1 | X | 6* | 110-BA-2 |
| Stud, for kick-starter case, 2 1/4" by 1/4" | 3 | X | 6* | 286-X |
| Nut, for 5/8" KS case stud | 1 | X | 3* | 152-X |
| Nut, for 1/2" KS case stud | 3 | X | 2* | 63-X |
| Cover, for kick-starter case | 1 | X | 15 0* | 4-BA-15 |
| Filler cap, for kick-starter case cover | 1 | X | 2 0* | 326-X |
| Grease nipple, for KS case cover | 1 | X | 2* | 245-X-2 |

BEARING GROUP.

| | | | | |
|---------------------------------------|-------|---|-------|---------|
| Ball bearing, for main gear | (E) 1 | X | 16 6* | 219-X |
| Gland metal washer, dished | 1 | X | 6* | 220-X |
| Gland metal washer, plain | 1 | X | 4* | 221-X |
| Split ring, locating bearing in shell | 1 | X | 4* | 79-X |
| Ball bearing, for mainshaft | (F) 1 | X | 12 6* | 37-BA |
| Metal washer, for mainshaft bearing | 1 | X | 6* | 37-1-BA |
| Split ring, retaining bearing washer | 1 | X | 4* | 37-2-BA |
| Bush, for layshaft | 2 | X | 3 0* | 191-X |
| Peg, locating layshaft bush | 2 | X | 2* | 86-X |
| Cover washer, in shell, for bush | 1 | X | 3* | 88-X |

(E) Dimensions: 72mm. external, 38mm. internal, 17mm. thick.

(F) Dimensions: 52mm. external, 20mm. internal, 15mm. thick.

GEAR AND SHAFT GROUP.

| | | | | |
|--|---|---|--------|----------|
| Mainshaft, 11 1/2" overall length | 1 | X | 1 5 6* | 10-BA-28 |
| Main gear, with bushes, 33 teeth | 1 | X | 15 0* | 15-BA-13 |
| Bush, only, for main gear | 2 | X | 4 0* | 223-X |
| Sliding gear, for mainshaft, 20/26 teeth | 1 | X | 10 0* | 14-BA-3 |
| Third gear, for mainshaft, 30 teeth | 1 | X | 15 0* | 24-BA-3 |
| Layshaft spindle | 1 | X | 1 0 0* | 30-BA-8 |
| Small gear, on layshaft, 21 teeth | 1 | X | 12 0* | 28-BA-1 |
| First gear, on layshaft, 34 teeth | 1 | X | 15 0* | 27-BA-3 |
| Second gear on layshaft, 28 teeth | 1 | X | 15 0* | 26-BA-3 |
| Third gear, on layshaft, 24 teeth | 1 | X | 12 0* | 25-BA-3 |
| Sliding clutch, on layshaft | 1 | X | 10 0* | 29-BA-3 |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

**THE PRICES OF SPARES DO NOT
INCLUDE THE COST OF CARRIAGE**

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|-------------------------------------|------|----------|-------------|--------------|
| GEAR OPERATING GROUP. | | | | |
| Operating fork, for mainshaft gear | 1 | X | 8 0* | 42-BA |
| Operating fork, for layshaft clutch | 1 | X | 8 0* | 43-BA |
| Peg, for operating fork | 2 | X | 6* | 157-X |
| Split pin, for operating fork peg | 2 | X | 1* | 158-X |
| Camshaft, bare | 1 | X | 1 5 0* | 45-BA-2 |
| Bush, in shell, for camshaft | 1 | X | 2 2 0* | 159-X |
| Pawl (engages in camshaft) | 1 | X | 2 0* | 163-X-2 |
| Bearing pin, for pawl | 1 | X | 1 3* | 164-X |
| Nut, for pawl bearing pin | 1 | X | 4* | 95-X |
| Washer, for pawl bearing pin | 1 | X | 1* | 96-X |
| Spring, for pawl | 1 | X | 9* | 193-X-1 |
| Screwed plug, for pawl spring | 1 | X | 1 0* | 98-X |

All the above parts are inside the gear box shell

| | | | | |
|---|----|---|-------|-----------|
| Quadrant | 1 | X | 3 9* | 161-X |
| Sector | 1 | X | 3 9* | 162-X |
| Ratchet | 1 | X | 3 0* | CO-51-6 |
| Quadrant, sector and ratchet, assembled | 1 | X | 11 0* | CO-51-6-A |
| Rivet, fixing sector | 2 | X | 1* | CO-96-1 |
| Rivet, fixing ratchet | 1 | X | 1* | CO-96-2 |
| Control spindle | 1 | X | 3 6* | CO-90-2 |
| Nut (inside), for control spindle | 1 | X | 3* | 171-X |
| Bush, for control spindle (in KS case) | 1 | X | 1 0* | CO-91 |
| Bush, for camshaft (in KS case) | 1 | X | 2 0* | 16-X-2 |
| Rollers, for camshaft, per set | 12 | X | 2 0* | 192-X |
| Control quadrant | 1 | X | 3 0* | CO-53-4 |
| Sleeve, for control quadrant | 1 | X | 7 6* | CO-94 |
| Peg, for operating pawl | 1 | X | 3* | CO-62-1 |
| Quadrant, sleeve and pawl, assembled | 1 | X | 10 9* | CO-53-4-A |
| Bush, for control quadrant sleeve | 1 | X | 5 0* | CO-54-7 |
| Bolt, fixing quadrant sleeve bush | 1 | X | 1 3* | CO-95 |
| Indexing rocking pawl | 1 | X | 1 6* | CO-52-5 |
| Spindle, for indexing pawl | 1 | X | 3* | CO-60-1 |
| Spring box | 1 | X | 5 0* | CO-49-5 |
| Cover plate, for spring box | 1 | X | 1 0* | CO-56-4 |
| Main spring, for spring box (Long) | 2 | X | 6* | CO-66-1 |
| Pawl spring, for spring box (Short) | 2 | X | 6* | CO-67-1 |
| Plate, for main spring | 2 | X | 2* | CO-50-1 |
| Plate, for pawl spring | 2 | X | 2* | CO-58-1 |

All the above parts are inside the kick-starter case.

| | | | | |
|-------------------------------------|---|---|------|-----------|
| Neutral indicator, small, fixed | 1 | X | 3* | CO-97-1 |
| Neutral indicator, large, moving | 1 | X | 6* | CO-97 |
| Nut, retaining moving indicator | 1 | X | 3* | 171-X |
| Foot control lever, less rubber pad | 1 | X | 7 6* | CO-92-4 |
| Foot control lever with rubber pad | 1 | X | 8 4* | CO-92-4-A |
| Rubber pad, for foot control lever | 1 | X | 9* | CO-82-2 |
| Pin, fixing foot lever rubber pad | 1 | X | 1* | CO-38 |
| Bolt, clamping foot lever to sleeve | 1 | X | 1 3* | CO-63-3 |
| Nut, for lever clamping bolt | 1 | X | 2* | 10-X |

KICK-STARTER GROUP.

| | | | | |
|---|---|---|-------|-----------|
| Driving ratchet | 1 | X | 5 9* | 41-BA |
| Ratchet pinion | 1 | X | 8 0* | 38-BA-1 |
| Bush, for ratchet pinion | 1 | X | 2 9* | 39-BA |
| Spring, for ratchet pinion | 1 | X | 9* | 40-BA |
| Nut, retaining ratchet driver | 1 | X | 6* | 69-X |
| Spindle, for KS quadrant and lever | 1 | X | 7 6* | 198-X-4 |
| Bush, for KS spindle (in KS case) | 1 | X | 2 0* | 201-X-2 |
| Bush, for KS spindle (in KS case cover) | 1 | X | 2 0* | 200-X-3 |
| Quadrant, for KS spindle | 1 | X | 10 6* | 199-X-3 |
| KS spindle and quadrant, assembled | 1 | X | 18 0* | 199-X-3-A |
| Return spring, for kick-starter | 1 | X | 2 0* | 130-X |
| Pin, for return spring | 1 | X | 1* | 132-X |
| Stop rubber and sleeve, for quadrant | 1 | X | 6* | 320-X |
| Peg, for stop rubber and sleeve | 1 | X | 6* | 202-X-1 |

All the above parts are inside the kick-starter case.

| | | | | |
|--------------------------------------|---|---|-------|----------|
| Kick-start foot lever, bare | 1 | X | 10 6* | 194-X-13 |
| Pedal pin, for foot lever | 1 | X | 4 6* | 115-X-2 |
| Nut, fixing pedal pin | 1 | X | 6* | 103-X |
| Washer, for pedal pin nut | 1 | X | 2* | 147-X |
| Spring washer, for pedal pin nut | 1 | X | 3* | 214-X |
| Bolt, clamping foot lever to spindle | 1 | X | 9* | 315-X |
| Washer, for lever clamping bolt | 1 | X | 1* | 109-X |
| Nut, for lever clamping bolt | 1 | X | 6* | 144-X |

All the above parts are outside the gear box.

FINAL DRIVE GROUP.

| | | | | |
|--------------------------------------|---|---|-------|---------|
| Sprocket, 17 teeth, 1/2" by .380" | 1 | X | 15 0* | 22-BA-4 |
| Distance collar, for sprocket | 1 | X | 1 6* | 23-BA-1 |
| Nut, retaining sprocket to main gear | 1 | X | 1 9* | 218-X |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|------|----------|-------------|--------------|
| CLUTCH GROUP. | | | | |
| Sprocket, bare, 43 teeth, 1/2" by .305" | 1 | X | 1 0 0* | 342-X |
| Centre, for sprocket | 1 | X | 5 0* | 338-X |
| Rivet, for sprocket centre | 6 | X | 1* | 319-X |
| Sprocket and centre, assembled | 1 | X | 1 5 6* | 342-X-A |
| Clutch case | 1 | X | 13 0* | 343-X |
| Bolt, fixing clutch case to sprocket | 6 | X | 3* | 312-X |
| Tab washer, for clutch case bolt | 3 | X | 4* | 339-X |
| Clutch centre | 1 | X | 1 0 6* | 341-X |
| Spacing collar, for clutch centre | 1 | X | 6* | 336-X |
| Spacing washer, for clutch centre | 1 | X | 4* | 340-X |
| Roller race, for sprocket bearing | 1 | X | 2 0* | 337-X |
| Rollers, for sprocket bearing, per set | 21 | X | 3 2* | 35-X-2 |
| Washer, for sprocket bearing | 2 | X | 9* | 344-X |
| Nut, retaining centre to mainshaft | 1 | X | 6* | 69-X |
| Plain washer, for retaining nut | 1 | X | 3* | 71-X |
| Spring washer, for retaining nut | 1 | X | 3* | 212-X |
| Steel plain plate | 4 | X | 2 6* | 6-X-3 |
| Friction plate, with fabric inserts | 3 | X | 5 6* | 3-X-4 |
| Fabric inserts, only, per thirty | 90 | X | 2 0* | 4-X-4 |
| Spring pressure plate | 1 | X | 8 0* | 314-X |
| Spring, for clutch | 5 | X | 6* | 21-X-3 |
| Cup, for clutch spring | 5 | X | 6* | 22-X-2 |
| Stud, for clutch spring | 3 | X | 6* | 345-X |
| Adjusting nut, for clutch spring | 3 | X | 4* | 23-X-3 |

CLUTCH OPERATING GROUP.

| | | | | |
|--|---|---|------|---------|
| Thrust rod, 12" long | 1 | X | 1 0* | 29-X-12 |
| Operating plunger | 1 | X | 6* | 330-X |
| Steel ball, for operating plunger | 1 | X | 1* | 67-X |
| Operating lever, on gear box | 1 | X | 2 0* | 175-X-4 |
| Fulcrum pin, for operating lever | 1 | X | 9* | 66-X-7 |
| Fork, for operating lever | 1 | X | 1 6* | 329-X |
| Sleeve, for operating lever fork | 1 | X | 6* | 331-X |
| Cap, covering sleeve (outside KS case) | 1 | X | 1 6* | 328-X |
| Screw, fixing cap to KS case cover | 2 | X | 4* | 333-X |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

CLUTCH INSERTS

WHEN NEW INSERTS ARE REQUIRED, SEND YOUR CLUTCH PLATES TO THE FACTORY.

ON ALL MODELS (EXCEPT X) NEW FABRIC INSERTS CAN BE FITTED AT A COST OF 3s. od.* PER PLATE.

FOR MODEL X THE COST IS 3s. 6d.* PER PLATE.

POSTAGE IS EXTRA.

FRAME SECTION.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--------------------------|------|-------------------|----------------|-----------------|
| MAIN FRAME GROUP. | | | | |
| Front portion of frame | 1 | G2, G2M, G2MC, G7 | £ 3 0 0 | 38-G2-F23 |
| Front portion of frame | 1 | G3, G3C, G4, G5 | 3 5 0 | 38-G3-r23 |
| Front portion of frame | 1 | G80, G90, G90C | 3 5 0 | 39-G9-F23 |
| Rear portion of frame | 1 | G2, G2M, G7 | 2 15 6 | 39-G2-F24 |
| Rear portion of frame | 1 | G3, G4, G5 | 2 18 0 | 39-G3-F24 |
| Rear portion of frame | 1 | G80, G90 | 2 18 0 | 39-G9-F24 |
| Rear portion of frame | 1 | G2MC, G3C, G90C | 2 18 0 | 39-G4C-F24 |
| Frame, complete | 1 | G2, G2M, G7 | 5 15 6 | 39-G2-FC |
| Frame, complete | 1 | G2MC | 5 18 0 | 39-G2MC-FC |
| Frame, complete | 1 | G3, G4, G5 | 6 3 0 | 39-G3-FC |
| Frame, complete | 1 | G3C | 6 3 0 | 39-G3C-FC |
| Frame, complete | 1 | G80, G90 | 6 3 0 | 39-G80-FC |
| Frame, complete | 1 | G90C | 6 3 0 | 39-G90C-FC |
| Frame, complete | 1 | X | 7 10 0 | 38-X-FC |

FRAME FITTINGS.

| | | | | |
|------------------------------------|----|--------------|-----|-----------|
| Grease nipple, for head lug | 1 | All Models | 2 | STD-51 |
| Ball race, for head lug | 2 | All Models | 2 5 | STD-806 |
| Balls, for head lug ball races | 56 | All Models | 1 1 | STD-72 |
| Bolt, for adjusting rear chain | 2 | All except X | 9 | STD-596 |
| Bolt, for adjusting rear chain | 2 | X | 9 | MF-11 |
| Collar, for chain adjusting bolt | 2 | All except X | 2 | STD-633 |
| Nut, for rear chain adjusting bolt | 2 | All Models | 2 | STD-5 |
| Bracket, for front of petrol tank | 1 | X | 10 | 37-X-F118 |
| Bolt, fixing tank bracket to frame | 2 | X | 4 | STD-364 |
| Washer, for tank bracket bolt | 2 | X | 1 | STD-192 |
| Nut, for tank bracket bolt | 2 | X | 2 | STD-4 |
| Wheel setting gauge, complete | 1 | X | 7 | 4341 |

FRAME BOLTS.

| | | | | |
|--|-------|----------------|-----|------------|
| Bolt, for seat tube top lug | 1 | All except X | 6 | STD-597 |
| Bolt, for seat tube top lug | 1 | X | 1 0 | 37-X-F123 |
| Washer, for seat tube top lug bolt | 2 | All Models | 1 | STD-8 |
| Nut, for seat tube top lug bolt | 2 | All Models | 3 | STD-1 |
| Nut, for earth wire. (On top lug bolt) | 1 | All Models | 1 | STD-79 |
| Bolt, for seat tube bottom lug | 1 | G2, G5, G7 | 3 | STD-301 |
| Bolt, for seat tube bottom lug | 1 | G2M, G2MC | 3 | STD-302 |
| Bolt, for seat tube bottom lug | 1 | G3, G3C, G4 | 3 | STD-302 |
| Bolt, for seat tube bottom lug | 1 | G80, G90, G90C | 4 | STD-306 |
| Bolt, for seat tube bottom lug | (A) 1 | X | 1 6 | 37-X-F106 |
| Spacer, for bottom lug bolt | 2 | G80, G90, G90C | 3 | 39-G9-E225 |
| Spacer, for bottom lug bolt. Left long | 1 | X | 5 | 37-X-F51-L |
| Spacer, for bottom lug bolt. Right short | 1 | X | 4 | 37-X-E51-R |
| Washer, for bottom lug bolt | 2 | X | 1 | STD-8 |
| Nut, for bottom lug bolt | 2 | All except X | 2 | STD-3 |
| Nut, for bottom lug bolt | 2 | X | 3 | STD-1 |
| Bolt, for seat tube middle lug | (B) 1 | X | 1 9 | 37-X-F126 |
| Nut, for seat tube middle lug | 1 | X | 3 | STD-1 |

(A) This bolt binds the two rear fork tubes to the bottom of the seat tube and also passes through the bottom of the engine plates.

(B) This bolt retains the top rear of the engine plates to the main frame. It has a square head through which passes the eye bolt that controls the gear box position in order to adjust the front driving chain.

For the bolt (on all 250, 350 and 500 Models) passing through the front of the rear frame and the bottom of the front down tubes of the main frame, and the nuts and washers on it, see the Crankcase Bolt Group (Page 12).

ENGINE PLATES.

| | | | | |
|------------------------------|---|----------------|-----|--------------|
| Engine plate. Left and right | 2 | G2, G7 | 5 6 | 36-G2-E250 |
| Engine plate. Left and right | 2 | X | 5 6 | 37-X-E150 |
| Engine plate. Left | 1 | G2M, G2MC, G5 | 5 6 | 36-G3-E150 |
| Engine plate. Left | 1 | G3, G3C, G4 | 5 6 | 36-G3-E150 |
| Engine plate. Left | 1 | G80, G90, G90C | 5 6 | 39-G9-E150 |
| Engine plate. Right | 1 | G2M, G2MC | 5 6 | 36-G3-E250-R |
| Engine plate. Right | 1 | G3, G3C, G4 | 5 6 | 36-G3-E250-R |
| Engine plate. Right | 1 | G5 | 5 6 | 37-G3-E250-R |
| Engine plate. Right | 1 | G80, G90, G90C | 5 6 | 39-G9-E250-R |

COMPLETE FRONT FORKS.

THE COMPLETE FRONT FORK ASSEMBLIES, LISTED BELOW, INCLUDE:—GIRDER; ALL SPRINGS, LINKS AND SPINDLES; FORK CROWN AND STEM, TOP LUG FOR STEM WITH FORK CROWN BALL RACE AND BALL RACE FOR TOP LUG; COMPLETE FORK DAMPER, COMPLETE STEERING DAMPER AND ALL GREASE NIPPLES.

| | | | | |
|-----------------------|---|-------------|---------|------------|
| Front forks, complete | 1 | G2M, G2MC | 6 7 6 | 39-G2M-FAD |
| Front forks, complete | 1 | G3, G5, G80 | 7 16 11 | 39-G3-FAD |
| Front forks, complete | 1 | G4, G90 | 9 10 4 | 39-G4-FAD |
| Front forks, complete | 1 | G3C, G90C | 9 10 4 | 39-G3C-FAD |
| Front forks, complete | 1 | X | 10 3 3 | 39-X-FAD |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--------------|------|----------|-------------|--------------|
|--------------|------|----------|-------------|--------------|

THE FRONT FORK ASSEMBLIES, LISTED BELOW, INCLUDE ALL PARTS AS DETAILED FOR THE GROUP ABOVE BUT DO NOT INCLUDE ANY STEERING DAMPER PARTS.

| | | | £ | s. | d. | |
|------------------------------------|---|-------------|---|----|----|-----------|
| Front forks (less steering damper) | 1 | G2, G7 | 5 | 17 | 1 | 39-G2-FA |
| Front forks (less steering damper) | 1 | G2M, G2MC | 5 | 16 | 11 | 39-G2M-FA |
| Front forks (less steering damper) | 1 | G3, G5, G80 | 7 | 6 | 4 | 39-G3-FA |
| Front forks (less steering damper) | 1 | G4, G90 | 8 | 19 | 9 | 39-G4-FA |
| Front forks (less steering damper) | 1 | G3C, G90C | 8 | 19 | 9 | 39-G3C-FA |
| Front forks (less steering damper) | 1 | X | 9 | 12 | 8 | 39-X-FA |

FORK GIRDERS.

| | | | | | | |
|--------------------------------|---|-------------------|---|----|---|------------|
| Fork girder, bare | 1 | G2, G2M, G2MC, G7 | 2 | 16 | 0 | 39-12-FF1 |
| Fork girder, bare | 1 | G3, G5, G80 | 3 | 16 | 0 | 39-8-FF1 |
| Fork girder, bare | 1 | G4, G90 | 3 | 16 | 0 | 39-18-FF1 |
| Fork girder, bare | 1 | G3C, G90C | 3 | 16 | 0 | 39-G4C-FF1 |
| Fork girder, bare | 1 | X | 4 | 6 | 6 | 39-X-FF1 |
| Grease nipple, for fork girder | 2 | All Models | | | 2 | STD-51 |

FORK SPRINGS.

| | | | | | | |
|---------------------------------|---|-----------------------|---|---|-----|-------------|
| Main fork spring | 1 | G2, G2M, G2MC, G7 | 5 | 0 | | 39-12-FF32 |
| Main fork spring | 1 | G3, G3C, G4, G5 | 5 | 6 | | 16372 |
| Main fork spring | 1 | G80, G90, G90C | 5 | 6 | | 16372 |
| Main fork spring | 1 | X | 6 | 6 | | 4197 |
| Fork check spring | 2 | G3C, G4, G90, G90C, X | 1 | 8 | | 35-G3-FF132 |
| Top lug, for main spring | 1 | G3, G3C, G4, G5 | 1 | 6 | | 15957 |
| Top lug, for main spring | 1 | G80, G90, G90C | 1 | 6 | | 15957 |
| Top lug, for main spring | 1 | X | 1 | 6 | | 15957-1 |
| Top collar, for main spring | 1 | G2, G2M, G2MC, G7 | | 3 | | FFF-35 |
| Bolt, fixing top of spring | 1 | G2, G2M, G2MC, G7 | | 5 | | STD-410 |
| Bolt, fixing top of spring | 1 | G3, G3C, G4, G5, X | | 5 | | STD-408 |
| Bolt, fixing top of spring | 1 | G80, G90, G90C | | 5 | | STD-408 |
| Washer, for spring top bolt | 1 | G2, G2M, G2MC, G7 | | 1 | | STD-10 |
| Nut, for spring top fixing bolt | 1 | G2, G2M, G2MC, G7 | | 2 | | STD-3 |
| Crosshead, for check spring | 4 | G3C, G4, G90, G90C, X | 2 | 4 | | 17726 |
| Pin, for crosshead | 4 | G3C, G4, G90, G90C, X | | 9 | | 17728 |
| Washer, for crosshead pin | 4 | G3C, G4, G90, G90C, X | | 1 | | STD-11 |
| Split pin, for crosshead pin | 4 | G3C, G4, G90, G90C, X | | | 1/2 | STD-14 |

FORK CROWN AND LUG GROUP.

| | | | | | | |
|-------------------------------|---|----------------------|----|---|---|---------------|
| Fork crown and stem | 1 | G2, G7 | 16 | 0 | | 39-G2-FF19-A |
| Fork crown and stem | 1 | G2M, G2MC | 16 | 0 | | 39-12-FF19A |
| Fork crown and stem | 1 | G3, G4, G5, G80, G90 | 1 | 0 | 0 | 37-G3-FF19A |
| Fork crown and stem | 1 | G3C, G90C | 1 | 0 | 0 | 37-G3C-FF19-A |
| Fork crown and stem | 1 | X | 1 | 0 | 0 | 37-X-FF19-A |
| Fork crown ball race | 1 | All Models | 3 | 2 | | STD-505 |
| Grease nipple, for fork crown | 2 | All Models | | 2 | | STD-51 |
| Top lug, for head stem | 1 | G2, G7 | 8 | 0 | | 37-G2-FF21 |
| Top lug, for head stem | 1 | G2M, G2MC | 7 | 6 | | 37-12-FF21 |
| Top lug, for head stem | 1 | G3, G3C, G4, G5 | 9 | 6 | | 37-8-FF21 |
| Top lug, for head stem | 1 | G80, G90, G90C | 9 | 6 | | 37-8-FF21 |
| Top lug, for head stem | 1 | X | 9 | 6 | | 37-X-FF21 |
| Top lug ball race | 1 | All Models | 2 | 5 | | STD-806 |
| Grease nipple, for top lug | 2 | All Models | | 2 | | STD-51 |
| Adjusting nut, for head stem | 1 | All Models | | 8 | | STD-236 |
| Lock nut, for adjusting nut | 1 | G2, G7 | 1 | 6 | | L4-FF46 |
| Lock nut, for adjusting nut | 1 | All but G2, G7 | | 8 | | STD-236 |

FORK SPINDLES.

| | | | | | | |
|----------------------------------|---|-----------------------|---|---|--|---------------|
| Top spindle, front and rear | 2 | G2, G2M, G2MC, G7 | 2 | 0 | | 37-12-FF28 |
| Top spindle, front and rear | 2 | G3, G5, G80 | 2 | 0 | | 36-G3-FF28 |
| Top spindle, front and rear | 2 | G3C, G4, G90, G90C, X | 2 | 0 | | 36-G3C-FF28 * |
| Bottom spindle, front | 1 | G2, G2M, G2MC, G7 | 2 | 3 | | 37-12-FF27 |
| Bottom spindle, front | 1 | G3, G5, G80 | 2 | 0 | | 36-G3-FF27 |
| Bottom spindle, front | 1 | G3C, G4, G90, G90C | 2 | 3 | | 36-G3C-FF27 |
| Bottom spindle, front | 1 | X | 2 | 3 | | 37-X-FF27 |
| Bottom spindle, rear | 1 | G2, G2M, G2MC, G7 | 2 | 0 | | 37-12-FF28 |
| Bottom spindle, rear | 1 | G3, G5, G80 | 2 | 0 | | 36-G3-FF18 |
| Bottom spindle, rear | 1 | G3C, G4, G90, G90C, X | 2 | 0 | | 36-G3C-FF18 |
| Packing washer, for fork spindle | 8 | G2, G2M, G2MC, G7 | | 1 | | STD-166 |
| Packing washer, for fork spindle | 8 | G3, G3C, G4, G5 | | 1 | | STD-167 |
| Packing washer, for fork spindle | 8 | G80, G90, G90C, X | | 1 | | STD-167 |
| Nut, locating damper plates | 1 | G2, G2M, G2MC, G7 | 4 | | | STD-616-39 |
| Nut, locating damper plates | 1 | G3, G3C, G4, G5 | 4 | | | STD-617 |
| Nut, locating damper plates | 1 | G80, G90, G90C | 4 | | | STD-617 |
| Nut, locating damper plates | 2 | X | 4 | | | STD-617 |
| Lock nut, for spindle | 7 | G2, G2M, G2MC, G7 | 3 | | | STD-2 |
| Lock nut, for spindle | 7 | G3, G3C, G4, G5 | 3 | | | STD-1 |
| Lock nut, for spindle | 7 | G80, G90, G90C | 3 | | | STD-1 |
| Lock nut, for spindle | 6 | X | 3 | | | STD-1 |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE

| Description | Qty. | Used on. | Price Each. | Part Number. |
|---|------|-----------------------|-------------|--------------|
| FORK LINKS. | | | | |
| ALL LINKS ON THE LEFT HAND SIDE HAVE THREADED HOLES AND ALL ON THE RIGHT HAND SIDE HAVE PLAIN HOLES. | | | | |
| Link, top, left, black | 1 | G2, G2M, G7 | £ 1 3 | STD-810 |
| Link, top, left, plated | 1 | G2MC | 1 10 | STD-810P |
| Link, top, left, black | 1 | G3, G5, G80 | 2 0 | 17435-B |
| Link, top, left, plated | 1 | G3C, G4, G90, G90C | 6 9 | 36-G3C-FF25P |
| Link, top, left, black | 1 | X | 4 9 | 36-G3C-FF25 |
| Link, top, right, black | 1 | G2, G2M, G7 | 1 6 | STD-809 |
| Link, top, right, plated | 1 | G2MC | 2 1 | STD-809P |
| Link, top, right, black | 1 | G3, G5, G80 | 1 9 | 17435-A |
| Link, top, right, plated | 1 | G3C, G4, G90, G90C | 6 6 | 36-G3C-FF26P |
| Link, top, right, black | 1 | X | 4 6 | 36-G3C-FF26 |
| Link, bottom, left, black | 1 | G2, G2M, G2MC, G7 | 2 0 | STD-807 |
| Link, bottom, left, black | 1 | G3, G5, G80 | 3 9 | 36-G3-FF24 |
| Link, bottom, left, black | 1 | G3C, G4, G90, G90C, X | 8 6 | 36-G3C-FF24 |
| Link, bottom, right, black | 1 | G2, G2M, G2MC, G7 | 1 3 | STD-808 |
| Link, bottom, right, black | 1 | G3, G5, G80 | 1 9 | 17435-A |
| Link, bottom, right, black | 1 | G3C, G4, G90, G90C | 4 6 | 36-G3C-FF23 |
| Link, bottom, right, black | 1 | X | 4 6 | 36-120-FF23 |

FORK DAMPER PARTS.

| | | | | |
|----------------------------------|-------|-------------------|-----|-----------|
| Ebonite control knob | (C) 1 | All Models | 1 6 | TFE-101-S |
| Ratchet washer (fits under knob) | (C) 1 | All Models | 2 | STD-162 |
| Spring washer (fits under knob) | (C) 1 | All Models | 1 | STD-195 |
| Plain washer (fits under knob) | (C) 1 | All Models | 1 | STD-10 |
| Star washer (fits under knob) | 1 | G2, G2M, G2MC, G7 | 6 | STD-706 |
| Star washer (fits under knob) | 1 | G3, G3C, G4, G5 | 6 | STD-705 |
| Star washer (fits under knob) | (C) 1 | G80, G90, G90C, X | 6 | STD-705 |
| Damper steel plate | 2 | G2, G2M, G2MC, G7 | 5 | STD-811 |
| Damper steel plate | 2 | G3, G3C, G4, G5 | 5 | STD-815 |
| Damper steel plate | (D) 2 | G80, G90, G90C, X | 5 | STD-815 |
| Friction washer, (grey fabric) | 2 | G2, G2M, G2MC, G7 | 9 | STD-814 |
| Friction washer, (grey fabric) | 2 | G3, G3C, G4, G5 | 9 | STD-816 |
| Friction washer, (grey fabric) | (D) 2 | G80, G90, G90C, X | 9 | STD-816 |
| Bolt, fixing plate to girder | 1 | G2, G2M, G2MC, G7 | 2 | STD-70 |
| Bolt, fixing plate to girder | 1 | G3, G3C, G4, G5 | 2 | STD-361 |
| Bolt, fixing plate to girder | (C) 1 | G80, G90, G90C, X | 2 | STD-361 |
| Washer, for girder bolt | 1 | G2, G2M, G2MC, G7 | 1 | STD-12 |
| Washer, for girder bolt | 1 | G3, G3C, G4, G5 | 1 | STD-11 |
| Washer, for girder bolt | (C) 1 | G80, G90, G90C, X | 1 | STD-11 |
| Bolt, fixing plate to fork link | 1 | G2, G2M, G2MC, G7 | 2 | STD-70 |
| Bolt, fixing plate to fork link | 1 | G3, G3C, G4, G5 | 3 | STD-363 |
| Bolt, fixing plate to fork link | (C) 1 | G80, G90, G90C, X | 3 | STD-363 |
| Spacer, for fork link bolt | 1 | G2, G2M, G2MC, G7 | 3 | STD-636 |
| Spacer, for fork link bolt | 1 | G3, G3C, G4, G5 | 3 | STD-637 |
| Spacer, for fork link bolt | (C) 1 | G80, G90, G90C, X | 3 | STD-637 |
| Washer, for fork link bolt | 1 | G2, G2M, G2MC, G7 | 1 | STD-12 |
| Washer, for fork link bolt | 1 | G3, G3C, G4, G5 | 1 | STD-11 |
| Washer, for fork link bolt | (C) 1 | G80, G90, G90C, X | 1 | STD-11 |

(C) Two used on Model X.

(D) Four used on Model X.

STEERING DAMPER PARTS.

MODELS G2 AND G7 ARE NOT FITTED WITH STEERING DAMPERS. THE REFERENCES BELOW MUST BE CONSIDERED TO EXCLUDE THOSE MODELS.

| | | | | |
|------------------------------------|---|-------------------|---------|--------------|
| Ebonite knob, with medallion | 1 | All Models | (E) 2 6 | 38-G3-FF100M |
| Ebonite knob, less medallion | 1 | All Models | (E) 1 6 | 38-G3-FF100 |
| Medallion, only | 1 | All Models | (E) 1 0 | 38-G3-FF101 |
| Screw, fixing medallion | 1 | All Models | (E) 1 | STD-15 |
| Washer, for medallion fixing screw | 1 | All Models | (E) 1 | STD-185 |
| Ratchet washer, (fits under knob) | 1 | All Models | (E) 2 | STD-162 |
| Spring washer (fits under knob) | 1 | All Models | (E) 3 | STD-195 |
| Cap washer (fits under knob) | 1 | All Models | (E) 4 | AFF-114 |
| Long drawbolt | 1 | All Models | (E) 9 | D8-FF1115 |
| Sleeve, for drawbolt | 1 | All Models | (E) 1 9 | AFF-216-A |
| Lock nut, for drawbolt sleeve | 1 | All Models | (E) 2 | STD-3 |
| Damper steel plate | 2 | G2M, G2MC | 5 | STD-811 |
| Damper steel plate | 2 | G3, G3C, G4, G5 | 5 | D5-FF597 |
| Damper steel plate | 2 | G80, G90, G90C, X | 5 | D5-FF597 |
| Bolt, fixing plate to crown | 1 | G2M, G2MC | 2 | STD-70 |
| Bolt, fixing plate to crown | 1 | G3, G3C, G4, G5 | 2 | STD-361 |
| Bolt, fixing plate to crown | 1 | G80, G90, G90C, X | 2 | STD-361 |
| Spacer, for plate to crown bolt | 1 | All Models | (E) 2 | STD-639 |
| Washer, for plate to crown bolt | 1 | G2M, G2MC | 1 | STD-191 |
| Washer, for plate to crown bolt | 1 | G3, G3C, G4, G5 | 1 | STD-192 |
| Washer, for plate to crown bolt | 1 | G80, G90, G90C, X | 1 | STD-192 |
| Bolt, fixing steel plate to frame | 1 | All Models | (E) 2 | STD-70 |
| Washer, for plate to frame bolt | 1 | All Models | (E) 1 | STD-12 |
| Friction washer, (red fibre) | 2 | G2M, G2MC | 3 | STD-812 |
| Friction washer, (red fibre) | 2 | G3, G3C, G4, G5 | 3 | AFF-139 |
| Friction washer, red fibre) | 2 | G80, G90, G90C, X | 3 | AFF-139 |

(E) Except Models G2 and G7.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--------------------------------------|------|----------------------|-------------|--------------|
| HANDLEBARS. | | | | |
| Handlebar, bare (black) | 1 | G2, G2M, G7 | £ 12 6 | 38-G2-FF66 |
| Handlebar, bare (plated) | 1 | G2MC | 16 6 | 38-G2-FF66P |
| Handlebar, bare (black) | 1 | G3, G5, G80 | 12 6 | 38-G3-FF66 |
| Handlebar, bare (plated) | 1 | G3C, G4, G90, G90C | 16 6 | 38-G3-FF66P |
| Handlebar, bare (black) | 1 | X | 12 6 | 38-8-FF66 |
| End plug, for handlebar | 2 | All Models | 10* | 2897-1 |
| Clip, for handlebar | 1 | G2, G7 | 1 0 | FFF21-B |
| Clip, for handlebar (in two pieces) | 2 | All but G2, G7 | 6 6 | 35-G3-FF42 |
| Bolt, for handlebar clip | 2 | G2, G7 | 4 | STD-365 |
| Bolt, for handlebar clip | 6 | All but G2, G7 | 3 | STD-367 |
| Washer, for handlebar clip bolt | 2 | G2, G7 | 1 | STD-11 |
| Washer, for handlebar clip bolt | 6 | All but G2, G7 | 1 | STD-11 |
| FRONT STAND GROUP. | | | | |
| Front stand, bare | 1 | G2, G2M, G2MC, G7 | 5 0 | 12403 |
| Front stand, bare | 1 | G3, G4, G5, G80, G90 | 5 0 | 12403 |
| Front stand, bare | 1 | G3C, G90C, X | 5 0 | AFF-67 |
| Bolt, fixing stand to fork girder | 2 | G2, G7 | 3 | STD-362 |
| Bolt, fixing stand to fork girder | 2 | All but G2, G7 | 3 | STD-363 |
| Washer, for stand to girder bolt | 2 | G3, G5, G80, X | 1 | STD-11 |
| Nut, for stand to girder bolt | 2 | All Models | 2 | STD-74 |
| Bolt, fixing stand to mudguard | 1 | All Models | 4 | STD-344 |
| Washer, for stand to mudguard bolt | 1 | All Models | 1 | STD-12 |
| Nut, fixing bolt to mudguard | 1 | All Models | 2 | STD-5 |
| Nut, fixing stand to bolt | 1 | All except X | 1 | STD-211 |
| Nut, fixing stand to bolt | 1 | X | 2 | STD-5 |
| CENTRE STAND GROUP. | | | | |
| Centre stand, bare | 1 | G2, G7 | 12 6 | 35-G3-F144 |
| Bush, for centre stand | 2 | G2, G7 | 5 | STD-654 |
| Bolt, for centre stand | 1 | G2, G7 | 4 | STD-598 |
| Distance tube, for centre stand bolt | 1 | G2, G7 | 4 | STD-634 |
| Spring washer, for stand bolt | 2 | G2, G7 | 2 | STD-196 |
| Plain washer, for stand bolt | 2 | G2, G7 | 1 | STD-174 |
| Nut, for stand bolt | 2 | G2, G7 | 2 | STD-4 |
| Return spring, for centre stand | 1 | G2, G7 | 9 | STD-707 |
| Anchor bolt, for return spring | 1 | G2, G7 | 5 | STD-660 |
| Washer, for anchor bolt | 1 | G2, G7 | 1 | STD-11 |
| Nut, for anchor bolt | 1 | G2, G7 | 2 | STD-4 |
| REAR STAND GROUP. | | | | |
| Rear stand, bare | 1 | All but G2, G7, X | 19 6 | 38-G3-F44 |
| Rear stand, bare | 1 | X | 16 0 | 37-X-F44 |
| Bolt, fixing stand to fork end | 2 | All but G2, G7, X | 6 | 38-12-F71 |
| Bolt, fixing stand to fork end | 2 | X | 7 | 36-2A-F71 |
| Washer, for stand fixing bolt | 2 | All but G2, G7 | 1 | STD-8 |
| Nut, for stand fixing bolt | 2 | All but G2, G7 | 3 | STD-71 |
| Return spring, for rear stand | 1 | All but G2, G7, X | 1 6 | 38-G3-F245 |
| Bolt, for stand clip | 1 | X | 2 | STD-70 |
| Spring washer, for stand clip bolt | 1 | X | 2 | HBD-52 |
| Plain washer, for stand clip bolt | 1 | X | 1 | STD-12 |
| Nut, for stand clip bolt | 1 | X | 4 | 37-X-M34 |

Parts of the clip for the rear stand on Model X are not sold separately because the assembly is rivetted and welded up as one unit with the centre strengthening strap that is fitted to the under side of the rear mudguard.

PROP STAND GROUP.

| | | | | |
|-------------------------------------|---|--------------------|-----|--------------|
| Prop stand leg | 1 | G2MC, G3C, G90C | 7 6 | 35-G3-F342-A |
| Prop stand leg | 1 | X | 7 6 | 35-G3-E342 |
| Adjusting screw, for prop stand leg | 1 | G2MC, G3C, G90C, X | 6 | 39-G3-F350 |
| Lock nut, for adjusting screw | 1 | G2MC, G3C, G90C, X | 2 | STD-74 |
| Hinge pin, for prop stand leg | 1 | G2MC, G3C, G90C, X | 4 | 35-G3-F341 |
| Nut, for hinge pin | 1 | G2MC, G3C, G90C, X | 3 | STD-2 |
| Return spring, for prop stand leg | 1 | G2MC, G3C, G90C, X | 1 6 | 35-G3-F345 |
| Anchor bolt, for return spring | 1 | G2MC, G3C, G90C, X | 5 | STD-600 |
| Nut, for anchor bolt | 1 | G2MC, G3C, G90C, X | 2 | STD-4 |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

REPAIRS.

When extensive repairs are required owners are strongly advised to send their machines to the factory, where a special Repair Department is maintained. It is obvious the manufacturers are in the best position to undertake repairs of that description.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--------------|------|----------|-------------|--------------|
|--------------|------|----------|-------------|--------------|

PROP STANDS ARE STANDARD ON MODELS G2MC, G3C, G90C AND X. A PROP STAND MAY BE FITTED TO ANY OTHER MODEL BY DISCARDING THE LEFT SIDE FOOTREST ARM AND FITTING IN ITS PLACE, FOOTREST ARM 39-G3-FR21-L AND ALL THE PROP STAND PARTS LISTED ABOVE. THE ANCHOR BOLT FOR THE RETURN SPRING IS FITTED IN THE REAR MUDGUARD.

THIS PROP STAND CONVERSION SET, INCLUDING THE SPECIAL LEFT SIDE FOOTREST ARM, IS SOLD COMPLETE AT AN INCLUSIVE PRICE AS UNDER.

| | | | | £ | s. | d. | | |
|---------------------------|-----|-----|-----|---|------------------|----|---|---------|
| Prop stand conversion set | ... | ... | ... | 1 | G2, G2M, G7, G3 | 15 | 0 | 39-EQ-1 |
| Prop stand conversion set | ... | ... | ... | 1 | G4, G80, G90, G5 | 15 | 0 | 39-EQ-1 |

THE ABOVE PROP STAND CONVERSION SET CAN BE FITTED TO ANY SINGLE CYLINDER 1937, 1938 AND 1939 MATCHLESS MACHINE. THE ONLY "FITTING" THAT IS NECESSARY IS TO DRILL A $\frac{5}{16}$ " HOLE IN THE REAR MUDGUARD TO ACCOMMODATE THE RETURN SPRING ANCHOR BOLT. (ALL 1939 REAR MUDGUARDS ARE ALREADY DRILLED, THE HOLE BEING CLOSED BY AN ORDINARY BOLT AND NUT WHEN NO PROP STAND IS INCLUDED IN THE ORIGINAL EQUIPMENT.)

FRONT MUDGUARD GROUP.

| | | | | | | | | |
|--|-----|-----|-----|---|------------------|----|---|------------|
| Front mudguard, bare, enamelled | ... | ... | ... | 1 | G2, G2M, G3, G4 | 11 | 6 | 38-G3-M2 |
| Front mudguard, bare, enamelled | ... | ... | ... | 1 | G5, G7, G80, G90 | 11 | 6 | 38-G3-M2 |
| Front mudguard, bare, enamelled | ... | ... | ... | 1 | X | 16 | 6 | 37-X-M2 |
| Front mudguard, bare, plated | ... | ... | ... | 1 | G2MC | 18 | 6 | 37-22T-M2P |
| Front mudguard, bare, plated | ... | ... | ... | 1 | G3C, G90C | 18 | 6 | 35-G3C-M2P |
| Bracket, fixing guard to forks | ... | ... | ... | 2 | All Models | 6 | | 12407 |
| Under plate, for guard fixing brackets | ... | ... | ... | 1 | All Models | 3 | | 3323 |
| Bolt, fixing plate to brackets | ... | ... | ... | 2 | All Models | 2 | | STD-342 |
| Washer, for plate fixing bolt | ... | ... | ... | 2 | All Models | 1 | | STD-191 |
| Nut, for plate fixing bolt | ... | ... | ... | 2 | All Models | 2 | | STD-5 |
| Bolt, fixing brackets to forks | ... | ... | ... | 1 | All Models | 4 | | STD-365 |
| Washer, for bracket fixing bolt | ... | ... | ... | 1 | All Models | 1 | | STD-11 |
| Nut, for bracket fixing bolt | ... | ... | ... | 1 | All Models | 2 | | STD-4 |

FRONT MUDGUARD STAYS.

| | | | | | | | | |
|--------------------------------------|-----|-----|-----|---|----------------------|---|---|------------|
| Stay, for front mudguard | ... | ... | ... | 2 | G2, G2M, G7 | 1 | 4 | 38-G2-M30 |
| Stay, for front mudguard | ... | ... | ... | 1 | G3, G4, G5, G80, G90 | 1 | 6 | 38-G3-M30 |
| Stay, for front mudguard | ... | ... | ... | 2 | X | 1 | 6 | 36-2A-M30 |
| Stay, for front mudguard | ... | ... | ... | 2 | G2MC | 6 | | 37-12-M30 |
| Stay, for front mudguard | ... | ... | ... | 2 | G3C, G90C | 6 | | 35-G3C-M30 |
| Bolt, fixing stay to mudguard | ... | ... | ... | 2 | G2, G2M, G2MC, G7, X | 2 | | STD-70 |
| Bolt, fixing stay to mudguard | ... | ... | ... | 2 | G3, G3C, G4, G5 | 2 | | STD-451 |
| Bolt, fixing stay to mudguard | ... | ... | ... | 2 | G80, G90, G90C | 2 | | STD-451 |
| Washer, plain, for stay fixing bolt | ... | ... | ... | 2 | All Models | 1 | | STD-12 |
| Washer, spring, for stay fixing bolt | ... | ... | ... | 2 | G2, G2M, G2MC, G7, X | 1 | | STD-191 |
| Nut, for stay fixing bolt | ... | ... | ... | 2 | All Models | 2 | | STD-5 |
| Bolt, fixing stay to fork girder | ... | ... | ... | 2 | G2, G2M, G2MC, G7 | 3 | | STD-363 |
| Bolt, fixing stay to fork girder | ... | ... | ... | 2 | G3, G3C, G4, G5 | 2 | | STD-70 |
| Bolt, fixing stay to fork girder | ... | ... | ... | 2 | G80, G90, G90C, X | 2 | | STD-70 |
| Spacer, for stay to girder bolt | ... | ... | ... | 2 | G2, G2M, G2MC, G7 | 2 | | 38-G2-M36 |
| Washer, for stay to girder bolt | ... | ... | ... | 2 | G2, G2M, G2MC, G7 | 1 | | STD-11 |
| Washer, for stay to girder bolt | ... | ... | ... | 2 | G3, G3C, G4, G5 | 1 | | STD-12 |
| Washer, for stay to girder bolt | ... | ... | ... | 2 | G80, G90, G90C, X | 1 | | STD-12 |
| Nut, for stay to girder bolt | ... | ... | ... | 2 | G2, G2M, G2MC, G7 | 2 | | STD-74 |

REAR MUDGUARD GROUP.

| | | | | | | | | | |
|--------------------------------------|-----|-----|---------------------|----|--------------------|----------|---------|------------|-------------|
| Rear mudguard, bare, enamelled | (F) | 1 | G2, G2M, G3, G4, G5 | 18 | 6 | 39-G3-M4 | | | |
| Rear mudguard, bare, enamelled | (F) | 1 | G7, G80, G90 | 18 | 6 | 39-G3-M4 | | | |
| Rear mudguard, bare, enamelled | (F) | 1 | X | 1 | 2 | 6 | 37-X-M4 | | |
| Rear mudguard, bare, plated | ... | ... | ... | 1 | G2MC, G3C, G90C | 1 | 8 | 6 | 37-G3C-M4 |
| Front (short), portion of guard | ... | ... | ... | 1 | G2MC, G3C, G90C | 7 | 6 | 37-G3C-M4F | |
| Rear (long), portion of guard | ... | ... | ... | 1 | G2MC, G3C, G90C | 1 | 1 | 0 | 37-G3C-M4-R |
| Nut, uniting front and rear portions | ... | ... | ... | 1 | G2MC, G3C, G90C, X | 2 | | STD-3 | |
| Nut, uniting front and rear portions | ... | ... | ... | 2 | G2, G2M, G3, G4 | 2 | | STD-5 | |
| Nut, uniting front and rear portions | ... | ... | ... | 2 | G5, G7, G80, G90 | 2 | | STD-5 | |
| Washer, for guard uniting nut | ... | ... | ... | 1 | G2MC, G3C, G90C, X | 1 | | STD-10 | |
| Washer for guard uniting nut | ... | ... | ... | 2 | G2, G2M, G3, G4 | 1 | | STD-12 | |
| Washer for guard uniting nut | ... | ... | ... | 2 | G5, G7, G80, G90 | 1 | | STD-12 | |
| Rubber bush, for rear lamp cable | ... | ... | ... | 1 | G2, G7 | 3 | | 39-G3-EQ13 | |
| Rubber bush, for rear lamp cable | ... | ... | ... | 1 | G2M, G3, G4, G5 | 3 | | 4284 | |
| Rubber bush, for rear lamp cable | ... | ... | ... | 1 | G80, G90 | 3 | | 4284 | |

(F) Although this guard is made in two pieces the parts are not sold as separate spares.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|-------|----------------------|-------------|--------------|
| FIXING BOLTS FOR REAR MUDGUARDS. | | | | |
| | | | £ s. d. | |
| Bolt, fixing guard to bottom bridge ... | 1 | All except X ... | 3 | STD-345 |
| Spring washer, for bottom bolt ... | 1 | All except X ... | 1 | STD-191 |
| Plain washer, for bottom bolt ... | 1 | All except X ... | 1 | STD-12 |
| Nut, for bottom bolt ... | 1 | All except X ... | 2 | STD-5 |
| Bolt, fixing guard to front stays ... | 2 | X ... | 2 | STD-70 |
| Washer, for front stay bolt ... | 4 | X ... | 1 | STD-12 |
| Nut, for front stay bolt ... | 2 | X ... | 2 | STD-5 |
| Bolt, fixing guard to top bridge ... | 1 | All except X ... | 3 | STD-346 |
| Bolt, fixing guard to top bridge ... | 1 | X ... | 2 | STD-70 |
| Spring washer, for top bolt ... | 1 | All Models ... | 1 | STD-191 |
| Nut, for top bolt ... | 1 | All except X ... | 2 | STD-5 |
| Bolt, fixing guard to stay, left side ... | 1 | X ... | 5 | STD-372 |
| Bolt, fixing guard to stay, right side ... | 1 | X ... | 3 | STD-369 |
| Spacer, for left guard to stay bolt ... | 1 | X ... | 3 | 37-X-M19 |
| Spacer, for right guard to stay bolt ... | 1 | X ... | 2 | 37-X-M20 |
| Nut, for guard to stay bolt ... | 2 | X ... | 2 | STD-4 |
| Bolt, fixing strap to guard at top ... | (G) 1 | X ... | 2 | STD-70 |
| Nut, for guard strap top fixing bolt ... | 1 | X ... | 2 | STD-5 |
| Bolt, fixing guard to arch ... | 4 | G2, G2M, G3, G4 ... | 3 | STD-362 |
| Bolt, fixing guard to arch ... | 4 | G5, G7, G80, G90 ... | 3 | STD-362 |
| Bolt, fixing guard to arch, front ... | 2 | G2MC, G3C, G90C ... | 3 | STD-362 |
| Bolt, fixing guard to arch, rear ... | 2 | G2MC, G3C, G90C ... | 3 | STD-368 |
| Bolt, fixing guard to front arch ... | 1 | X ... | 2 | STD-342 |
| Washer, for guard to arch bolt ... | 4 | G2, G2M, G3, G4 ... | 1 | STD-192 |
| Washer, for guard to arch bolt ... | 4 | G5, G7, G80, G90 ... | 1 | STD-192 |
| Washer, for guard to arch bolt, front ... | 2 | G2MC, G3C, G90C ... | 1 | STD-192 |
| Washer, for guard to arch bolt, rear ... | 2 | G2MC, G3C, G90C ... | 1 | STD-11 |
| Washer, for guard to front arch bolt ... | 1 | X ... | 1 | STD-191 |
| Nut, for guard to arch bolt ... | 4 | All except X ... | 2 | STD-4 |
| Nut, for guard to front arch bolt ... | 1 | X ... | 2 | STD-5 |
| Bolt, fixing guard to rear arch side ... | 2 | X ... | 3 | STD-362 |
| Nut, for guard to rear arch side bolt ... | 2 | X ... | 2 | STD-4 |

(G) This is situated in the centre of the rear mudguard, immediately behind the top of the front arch.

For the bolt that fixes the top of the rear number plate and passes through the rear tubular arch and the rear mudguard, on Model X, see the Rear Number Plate Group.

For the bolt that fixes the oil tank stay to the rear mudguard, see the Oil Tank Group.

All rear mudguards are drilled to accommodate the anchor bolt for the return spring when a prop stand is fitted. If a prop stand is not included in the original equipment the hole in the mudguard is filled with the following parts.

| | | | | |
|---------------------------------------|---|----------------|---|---------|
| Bolt, to fill anchor bolt hole ... | 1 | All Models ... | 3 | LF-38 |
| Washer, for anchor bolt hole bolt ... | 1 | All Models ... | 1 | STD-174 |
| Nut, for anchor bolt hole bolt ... | 1 | All Models ... | 2 | STD-4 |

REAR MUDGUARD STAYS.

| | | | | |
|-------------------------------------|---|---------------------|---|------------|
| Stay, bare ... | 2 | G2MC, G3C, G90C ... | 9 | 37-G3C-M60 |
| Stay, bare, on front of guard ... | 2 | X ... | 5 | 4154 |
| Bolt, fixing stay to arch ... | 2 | G2MC, G3C, G90C ... | 2 | STD-70 |
| Washer, for stay fixing bolt ... | 2 | G2MC, G3C, G90C ... | 1 | STD-191 |
| Nut, for stay fixing bolt ... | 2 | G2MC, G3C, G90C ... | 1 | STD-5 |
| Nut, fixing front stay to frame ... | 2 | X ... | 2 | STD-4 |
| Washer, for stay fixing nut ... | 2 | X ... | 1 | STD-11 |

TUBULAR ARCHES AND HANDLES.

| | | | | |
|---|---|----------------------|------|-------------|
| Arch, bare, for use with low pipes ... | 1 | G2, G2M, G3, G4 ... | 19 6 | 38-G3-F300 |
| Arch, bare, for use with low pipes ... | 1 | G5, G7, G80, G90 ... | 19 6 | 38-G3-F300 |
| Arch, bare, for use with low pipes ... | 1 | X ... | 7 6 | 37-X-F299-F |
| Arch, bare, for use with high pipes ... | 1 | G2, G3, G4, G90 ... | 17 6 | 39-G3-F300 |
| Arch, bare, for use with high pipes ... | 1 | G2M, G80 ... | 19 6 | 39-G8-F300 |
| Arch, bare, for use with high pipes ... | 1 | G2MC, G3C, G90C ... | 17 6 | 39-G4C-F300 |
| Stud, in fork end, for fixing arch ... | 2 | All except X ... | 2 | STD-270 |
| Stud, in fork end, for fixing arch ... | 2 | X ... | 2 | STD-289 |
| Nut, fixing stud in fork end ... | 2 | All Models ... | 2 | STD-74 |
| Nut, fixing arch to stud ... | 2 | All Models ... | 3 | STD-213 |
| Lifting handle, bare ... | 1 | X ... | 7 6 | 37-X-F298-A |

FRONT NUMBER PLATE GROUP.

| | | | | |
|--|---|----------------|-----|---------|
| Front number plate, bare ... | 1 | All Models ... | 1 9 | STD-741 |
| Clip, for plate, with nut and washer ... | 2 | All Models ... | 4 | STD-742 |
| Screw, fixing plate to clip ... | 2 | All Models ... | 2 | STD-451 |
| Nut, for plate fixing screw ... | 2 | All Models ... | 1 | STD-80 |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

GOODS ARE SENT BY C.O.D.
WHEN VALUE IS OVER FIVE SHILLINGS.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|------|---------------------|-------------|--------------|
| REAR NUMBER PLATE GROUP. | | | | |
| Rear number plate, bare | 1 | G2, G2M, G3, G4 | £ 4 6 | STD-744 |
| Rear number plate, bare | 1 | G5, G7, G80, G90 | 4 6 | STD-744 |
| Rear number plate, bare | 1 | G2MC, G3C, G90C | 3 0 | STD-740-1 |
| Rear number plate, bare | 1 | X | 3 0 | STD-740 |
| Bolt, fixing plate to mudguard | 4 | G2, G2M, G3, G4 | 2 | STD-70 |
| Bolt, fixing plate to mudguard | 4 | G5, G7, G80, G90 | 2 | STD-70 |
| Washer, for plate fixing bolt | 4 | G2, G2M, G3, G4 | 1 | STD-12 |
| Washer, for plate fixing bolt | 4 | G5, G7, G80, G90 | 1 | STD-12 |
| Nut, for plate fixing bolt | 4 | G2, G2M, G3, G4 | 2 | STD-5 |
| Nut, for plate fixing bolt | 4 | G5, G7, G80, G90 | 2 | STD-5 |
| Stay, for number plate, left | 1 | G2MC, G3C, G90C, X | 4 | 12328-L |
| Stay, for number plate, right | 1 | G2MC, G3C, G90C, X | 4 | 12328-R |
| Screw, fixing top of plate to guard | 2 | G2MC, G3C, G90C | 1 | STD-450 |
| Nut, for top fixing screw | 2 | G2MC, G3C, G90C | 1 | STD-80 |
| Bolt, fixing top of plate to guard | 1 | X | 4 | STD-365 |
| Washer, for top fixing bolt | 1 | X | 1 | STD-11 |
| Nut, for top fixing bolt | 1 | X | 2 | STD-4 |
| Screw, fixing stay to plate | 2 | G2MC, G3C, G90C, X | 2 | STD-42 |
| Nut, for stay to plate screw | 2 | G2MC, G3C, G90C, X | 1 | STD-24 |
| Screw, fixing stay to mudguard | 2 | G2MC, G3C, G90C, X | 1 | STD-40 |
| Nut, for stay to mudguard screw | 2 | G2MC, G3C, G90C, X | 1 | STD-24 |
| Bolt, fixing bottom of plate to guard | 1 | X | 3 | STD-346 |
| Bolt, fixing bottom of plate to guard | 1 | G2MC, G3C, G90C | 2 | STD-343 |
| Spacer, on bottom fixing bolt | 1 | G2MC, G3C, G90C, X | 2 | STD-635 |
| Plain Washer, for bottom bolt | 1 | G2MC, G3C, G90C, X | 1 | STD-12 |
| Spring washer, for bottom bolt | 1 | G2MC, G3C, G90C, X | 1 | STD-191 |
| Nut, for bottom bolt | 1 | G2MC, G3C, G90C, X | 2 | STD-5 |
| CARRIER GROUP. | | | | |
| Rear carrier, bare | 1 | G2, G2M, G3, G4 | 13 6 | 38-G3-EQ40 |
| Rear carrier, bare | 1 | G5, G7, G80, G90 | 13 6 | 38-G3-EQ40 |
| Rear carrier, bare | 1 | X | 13 6 | 37-X-F40 |
| Bolt, front, fixing carrier | 2 | G2, G2M, G3, G4 | 3 | STD-363 |
| Bolt, front, fixing carrier | 2 | G5, G7, G80, G90 | 3 | STD-363 |
| Bolt, front, fixing carrier, left side | 1 | X | 3 | STD-362 |
| Bolt, front, fixing carrier, right side | 1 | X | 3 | STD-363 |
| Bolt, rear, fixing carrier | 2 | G2, G2M, G3, G4 | 3 | STD-368 |
| Bolt, rear, fixing carrier | 2 | G5, G7, G80, G90 | 3 | STD-368 |
| Bolt, rear, fixing carrier | 2 | X | 3 | STD-367 |
| Washer, for carrier fixing bolt | 4 | G2, G2M, G3, G4 | 1 | STD-11 |
| Washer, for carrier fixing bolt | 4 | G5, G7, G80, G90, X | 1 | STD-11 |
| Nut, for carrier fixing bolt | 4 | G2, G2M, G3, G4 | 2 | STD-74 |
| Nut, for carrier fixing bolt | 4 | G5, G7, G80, G90 | 2 | STD-74 |
| Nut, for carrier fixing rear bolt | 2 | X | 2 | STD-74 |
| Nut, for carrier fixing front bolt | 2 | X | 2 | STD-4 |
| FRONT CHAINCASES. | | | | |
| Chaincase, complete | 1 | All except X | 1 15 0 | 35-G3-C-A |
| Chaincase, complete | 1 | X | 2 0 0 | 38-X-C-A |
| Back portion, of chaincase | 1 | All except X | 12 6 | 35-G3-C1 |
| Back portion, of chaincase | 1 | X | 10 6 | 37-X-C-6 |
| Front portion, of chaincase | 1 | All except X | 16 0 | 20817-1 |
| Front portion, of chaincase | 1 | X | 12 0 | 38-X-C-1 |
| Clutch dome, for front half of case | 1 | X | 7 6 | 38-X-C53 |
| Screw, for clutch dome | 6 | X | 2 | 38-X-C54 |
| FRONT CHAINCASE FIXING BOLTS. | | | | |
| Bolt, fixing chaincase to engine | 3 | All Models | 2 | STD-440 |
| Lock plate, for engine fixing bolt | 3 | All Models | 2 | STD-165 |
| Bolt, fixing centre of case | 1 | G2, G2M, G2MC, G3 | 9 | STD-315 |
| Bolt, fixing centre of case | 1 | G3C, G4, G5, G7 | 9 | STD-315 |
| Bolt, fixing centre of case | 1 | G80, G90, G90C | 9 | STD-316 |
| Bolt, fixing centre of case | 1 | X | 9 | STD-315 |
| Spacer, between engine plates | 1 | G2, G2M, G2MC, G3 | 4 | 20841 |
| Spacer, between engine plates | 1 | G3C, G4, G5, G7 | 4 | 20841 |
| Spacer, between engine plates | 1 | G80, G90, G90C | 4 | 20841-L |
| Spacer, between engine plates | 1 | X | 3 | 4237 |
| Spacer, behind chaincase | 1 | G2, G2M, G2MC, G3 | 3 | 20825 |
| Spacer, behind chaincase | 1 | G3C, G4, G5, G7 | 3 | 20825 |
| Spacer, behind chaincase | 1 | G80, G90, G90C | 3 | 39-G9-C27 |
| Spacer, behind chaincase | 1 | X | 5 | 36-2A-C27 |
| Spacer, inside chaincase | 1 | All except X | 6 | 35-2-C29 |
| Spacer, inside chaincase | 1 | X | 2 | 4238 |
| Washer, on centre bolt | 2 | All Models | 1 | STD-9 |
| Nut, on right of centre bolt | 1 | All Models | 3 | STD-2 |
| Nut, inside chaincase | 1 | All except X | 3 | STD-2 |
| Nut, inside chaincase | 1 | X | 6 | 38-X-C56 |
| Nut, outside chaincase | 1 | All except X | 3 | STD-2 |
| Bolt, outside chaincase | 1 | X | 2 | 38-X-C57 |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

HAVE YOU READ THE FIRST HALF OF PAGE ONE ?

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|-------|---------------------|-------------|--------------|
| CHAINCASE FITTINGS. | | | | |
| Metal band, for chaincase | 1 | All except X | £ 5 0 | 12302-7 |
| Metal band, for chaincase | 1 | X | 5 6 | 4153-7 |
| Screw, clamping metal band ends | 1 | All Models | 2 | STD-452 |
| Rubber fillet, for metal band | 1 | All except X | 6 | 12302-9 |
| Rubber fillet, for metal band | 1 | X | 9 | 4153-9 |
| Inspection cap, complete, for chaincase | 1 | All Models | 1 4 | 17350-1 |
| Inspection cap, bare | 1 | All Models | 4 | STD-780 |
| Cork washer, for inspection cap | 1 | All Models | 2 | STD-580 |
| Knurled screw, for inspection cap | 1 | All Models | 6 | STD-593 |
| Back plate, for inspection cap | 1 | All Models | 4 | STD-781 |
| REAR CHAIN GUARD GROUP. | | | | |
| Rear chain guard, bare | 1 | G2, G2M, G3, G4 | 37 6 | 38-12-C10 |
| Rear chain guard, bare | 1 | G5, G7, G80, G90 | 17 6 | 38-12-C10 |
| Rear chain guard, bare | 1 | G2MC, G3C, G90C | 10 6 | 37-G3C-C10 |
| Rear chain guard, bare | 1 | X | 1 0 0 | 38-X-C10 |
| Bolt, fixing top front of guard | 1 | All Models | 4 | 36-8-C28 |
| Washer, for top front fixing bolt | 1 | All Models | 1 | STD-192 |
| Bolt, fixing bottom front of guard | 1 | All except X | 3 | STD-349 |
| Bolt, fixing bottom front of guard | 1 | X | 2 | STD-70 |
| Spacer, for bottom front fixing bolt | 1 | All except X | 2 | LM-16 |
| Washer, for bottom front fixing bolt | 1 | All except X | 1 | STD-191 |
| Washer, for bottom front fixing bolt | 1 | X | 1 | STD-172 |
| Nut, for bottom front fixing bolt | 1 | All Models | 2 | STD-5 |
| Bolt, fixing rear of guard | 1 | All except X | 3 | STD-363 |
| Bolt, fixing rear of guard | 1 | X | 3 | STD-367 |
| Washer, for rear fixing bolt | 1 | All Models | 1 | STD-192 |
| FOOTREST GROUP. | | | | |
| Footrest rod, bare | 1 | G2, G2M, G3, G4 | 1 3 | 20866 |
| Footrest rod, bare | 1 | G5, G7, G80, G90 | 1 3 | 20866 |
| Footrest rod, bare | 1 | G2MC, G3C, G90C | 1 3 | 37-G3C-FRS |
| Footrest rod, bare | 1 | X | 1 9 | 37-X-FRS |
| Spacer, between engine plates | 1 | G2, G2M, G2MC, G3 | 5 5 | V2-FR6 |
| Spacer, between engine plates | 1 | G3C, G4, G5, G7 | 5 5 | V2-FR6 |
| Spacer, between engine plates | 1 | G80, G90, G90C, X | 8 | CFR-6 |
| Spacer, outside engine plates, left | 1 | G2, G2M, G2MC, G3 | 4 | 11457-1 |
| Spacer, outside engine plates, left | 1 | G3C, G4, G5, G7 | 4 | 11457-1 |
| Spacer, outside engine plates, left | 1 | X | 4 | 36-2A-FR9 |
| Spacer, outside engine plates, left | 1 | G80, G90, G90C | 3 | 39-G9-FR9 |
| Spacer, outside engine plates, right | 1 | G2, G2M, G2MC, G3 | 4 | 11457-1 |
| Spacer, outside engine plates, right | 1 | G3C, G4, G5, G7 | 4 | 11457-1 |
| Spacer, outside engine plates, right | 1 | G80, G90, G90C | 3 | 39-G9-FR9 |
| Spacer, outside engine plates, right | 1 | X | 4 | CFR-7 |
| Spacer, outside engine plates, right | 1 | X | 3 | 12140-C |
| Spacer, outside frame, left | 1 | X | 9 | 17194-N |
| Spacer, outside frame, right | 1 | X | 1 | STD-194 |
| Washer, for footrest rod | 2 | All Models | 3 | STD-2 |
| Nut, for footrest rod | 2 | All Models | 3 | 4518 |
| Footrest arm, or hanger, left | (H) 1 | G2, G2M, G3, G4 | 3 3 | 4518 |
| Footrest arm, or hanger, left | (H) 1 | G5, G7, G80, G90 | 3 3 | 4518 |
| Footrest arm, or hanger, left | (I) 1 | G2MC, G3C, G90C | 7 0 | 39-G3-FR21L |
| Footrest arm, or hanger, left | 1 | X | 3 3 | 37-X-FR21 |
| Footrest arm, or hanger, right | 1 | G2, G2M, G3, G4 | 3 3 | 4518 |
| Footrest arm, or hanger, right | 1 | G5, G7, G80, G90 | 3 3 | 4518 |
| Footrest arm, or hanger, right | 1 | G2MC, G3C, G90C | 3 6 | 4518-C |
| Footrest arm, or hanger, right | 1 | X | 3 3 | 37-X-FR21 |
| Rubber pad, for footrest arm | 2 | G2, G2M, G3, G4, G5 | 1 6 | 16315 |
| Rubber pad, for footrest arm | 2 | G7, G80, G90, X | 1 6 | 16315 |
| Circular plate, for footrest arm | 2 | G2MC, G3C, G90C | 3 | 2863 |
| Bolt, fixing circular plate | 2 | G2MC, G3C, G90C | 3 | STD-363 |
| Spring washer, for plate bolt | 2 | G2MC, G3C, G90C | 1 | STD-192 |
| (H) This is only used when a prop stand is not fitted. | | | | |
| (I) This is used on all single cylinder models when a prop stand is fitted. | | | | |
| PILLION FOOTRESTS. | | | | |
| Complete set of folding footrests | 1 | All except G2 & G7 | 12 6* | 39-EQ-2 |
| Complete set of rigid footrests | 1 | G2, G7 | 7 6* | 38-G3-EQ242 |
| Folding footrests cannot be fitted to Models G2 and G7. | | | | |
| COMPONENT PARTS OF RIGID PILLION FOOTRESTS. | | | | |
| Plate, only, left | 1 | G2, G7 | 10 | 38-12-FR12 |
| Plate, only, right | 1 | G2, G7 | 10 | 38-12-FR12 |
| Spindle, for rubber pad | 2 | G2, G7 | 9 | 35-X4-FR19 |
| Nut, for rubber pad spindle | 2 | G2, G7 | 3 | STD-1 |
| Rubber pad, for spindle | 2 | G2, G7 | 1 6 | 16315 |
| Top clip, for plate | 2 | G2, G7 | 6 | HF-10 |
| Bolt, for top clip | 2 | G2, G7 | 4 | STD-363 |
| Washer, for top clip bolt | 2 | G2, G7 | 1 | STD-191 |
| Nut, for top clip bolt | 2 | G2, G7 | 2 | STD-4 |
| Bottom clip, for plate | 2 | G2, G7 | 8 | BFF-10 |
| Bolt, for bottom clip | 2 | G2, G7 | 3 | STD-363 |
| Washer, for bottom clip bolt | 2 | G2, G7 | 1 | STD-191 |
| Nut, for bottom clip bolt | 2 | G2, G7 | 2 | STD-4 |

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| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|------|-------------------------|-------------|--------------|
| COMPONENT PARTS OF FOLDING PILLION FOOTRESTS. | | | | |
| Pivot piece. (Fits in fork end) ... | 2 | All except G2 & G7 ... | 1 9 | 39-G3-FR15 |
| Nut, for pivot piece ... | 2 | All except G2 & G7 ... | 5 | STD-229 |
| Spindle, for rubber pad ... | 2 | All except G2 & G7 ... | 2 3 | S-13322 |
| Rubber pad, for spindle ... | 2 | All except G2 & G7 ... | 1 6 | 1G315 |
| Hinge bolt, for rubber pad spindle ... | 2 | All except G2 & G7 ... | 4 | STD-414 |
| Nut, for hinge bolt ... | 2 | All except G2 & G7 ... | 2 | STD-3 |
| SADDLE GROUP. | | | | |
| Saddle, with springs ... | 1 | G2, G2M, G3, G4 ... | 1 0 10* | 35-G3-F60 |
| Saddle, with springs ... | 1 | G5, G7, G80, G90 ... | 1 0 10* | 35-G3-F60 |
| Saddle, with springs ... | 1 | G2MC, G3C, G90C ... | 1 7 6* | 38-G3C-F60 |
| Saddle, with springs ... | 1 | X ... | 1 5 0* | 37-X-F60 |
| Rexine top, only ... | 1 | G2, G2M, G3, G4 ... | 8 6* | 38-G3-F60T |
| Rexine top, only ... | 1 | G5, G7, G80, G90 ... | 8 6* | 38-G3-F60T |
| Rear spring, for saddle ... | 2 | G2, G2M, G3, G4, G5 ... | 1 6* | D5-F560-B |
| Rear spring, for saddle ... | 2 | G7, G80, G90, X ... | 1 6* | D5-F560-B |
| Rear spring, for saddle ... | 2 | G2MC, G3C, G90C ... | 2 0* | 38-G3C-F60-S |
| Bolt, fixing saddle spring to frame ... | 2 | G2, G2M, G3, G4, G5 ... | 3 | STD-368 |
| Bolt, fixing saddle spring to frame ... | 2 | G7, G80, G90, X ... | 3 | STD-368 |
| Washer, for saddle spring bolt ... | 2 | G2, G2M, G3, G4, G5 ... | 1 | STD-11 |
| Washer, for saddle spring bolt ... | 2 | G7, G80, G90, X ... | 1 | STD-11 |
| Nut, for saddle spring bolt ... | 2 | G2, G2M, G3, G4, G5 ... | 2 | STD-4 |
| Nut, for saddle spring bolt ... | 2 | G7, G80, G90, X ... | 2 | STD-4 |
| Eye-bolt, supporting saddle spring ... | 2 | G2MC, G3C, G90C ... | 9 | DE-70 |
| Washer, for eye-bolt ... | 4 | G2MC, G3C, G90C ... | 1 | STD-174 |
| Nut, for eye-bolt ... | 4 | G2MC, G3C, G90C ... | 2 | STD-4 |
| Bolt, fixing eye-bolt to frame ... | 2 | G2MC, G3C, G90C ... | 3 | STD-369 |
| Washer, for eye-bolt frame bolt ... | 2 | G2MC, G3C, G90C ... | 1 | STD-11 |
| Nut, for eye-bolt frame bolt ... | 2 | G2MC, G3C, G90C ... | 2 | STD-4 |
| Hinge bolt, for saddle nose ... | 1 | All Models ... | 5 | STD-410 |
| Washer, for hinge bolt ... | 1 | All Models ... | 1 | STD-10 |
| Nut, for hinge bolt ... | 1 | All Models ... | 2 | STD-3 |
| PILLION SEATS. | | | | |
| Pillion seat, mudguard fitting ... | 1 | All Models ... | 12 6* | 38-G3-EQ24 |
| Pillion seat, carrier fitting ... | 1 | All Models ... | 13 6* | 39-EQ-10 |
| Carriers cannot be fitted to Models G2MC, G3C and G90C, therefore 39-EQ-10 Pillion Seat is not suitable for those Models. | | | | |
| TOOL BOX GROUP. | | | | |
| Tool box, bare ... | 1 | G2, G2M, G3, G4, G5 ... | 12 6 | 37-G3-F45 |
| Tool box, bare ... | 1 | G7, G80, G90 ... | 12 6 | 37-G3-F45 |
| Tool box, bare ... | 1 | G2MC, G3C, G90C ... | 12 6 | 37-8-F45 |
| Tool box, bare ... | 1 | X ... | 12 6 | 37-X-F45 |
| Knurled screw, fastening tool box lid ... | 1 | All Models ... | 1 0 | 37-8-F53 |
| Spring washer, for knurled screw ... | 1 | All Models ... | 1 | STD-189 |
| Plain washer, for knurled screw ... | 2 | All Models ... | 1 | STD-12 |
| Split pin, for knurled screw ... | 1 | All Models ... | 1 | STD-14 |
| Bolt, fixing tool box to frame ... | 4 | G2MC, G3C, G90C ... | 2 | STD-70 |
| Bolt, fixing tool box to frame ... | 3 | X ... | 2 | STD-70 |
| Bolt, fixing tool box, top, front ... | 1 | G2, G2M, G3, G4 ... | 2 | STD-342 |
| Bolt, fixing tool box, top, front ... | 1 | G5, G7, G80, G90 ... | 2 | STD-342 |
| Bolt, fixing tool box, top, rear ... | 1 | G2, G2M, G3, G4 ... | 2 | STD-70 |
| Bolt, fixing tool box, top, rear ... | 1 | G5, G7, G80, G90 ... | 2 | STD-70 |
| Bolt, fixing tool box, bottom ... | 1 | G2, G2M, G3, G4 ... | 2 | STD-70 |
| Bolt, fixing tool box, bottom ... | 1 | G5, G7, G80, G90 ... | 2 | STD-70 |
| Washer, for tool box fixing bolt ... | 3 | G2, G2M, G3, G4, G5 ... | 1 | STD-12 |
| Washer, for tool box fixing bolt ... | 3 | G7, G80, G90, X ... | 1 | STD-12 |
| Washer, for tool box fixing bolt ... | 4 | G2MC, G3C, G90C ... | 1 | STD-12 |
| Nut, for tool box fixing bolt ... | 3 | G2, G2M, G3, G4, G5 ... | 2 | STD-5 |
| Nut, for tool box fixing bolt ... | 3 | G7, G80, G90, X ... | 2 | STD-5 |
| Nut, for tool box fixing bolt ... | 4 | G2MC, G3C, G90C ... | 2 | STD-5 |
| BATTERY CARRIER GROUP. | | | | |
| Complete battery carrier ... | 1 | All except X ... | 8 6 | 38-G3-E185 |
| Complete battery carrier ... | 1 | X ... | 8 6 | 37-X-E185 |
| Back portion of carrier, bare ... | 1 | All except X ... | 4 0 | 37-12-E181 |
| Back portion of carrier, bare ... | 1 | X ... | 4 0 | 37-X-E185R |
| Front portion of carrier, bare ... | 1 | All Models ... | 4 4 | 35-G3-E182 |
| Hinge pin, for front portion ... | 1 | All Models ... | 2 | XE-184 |
| Stay, for battery carrier ... | 1 | All except X ... | 6 | DE-181-A |
| Stay, for battery carrier ... | 1 | X ... | 6 | 37-X-E179-A |
| Screw, fixing stay to carrier ... | 1 | All Models ... | 1 | STD-40 |
| The nut for screw STD-40 is welded to the stay DE-181-A and 37-X-E179-A. | | | | |
| Bolt, clamping battery ... | 1 | All Models ... | 4 | AE-180 |
| Seat, for battery clamping bolt ... | 1 | All Models ... | 3 | AE-178 |
| Nut, for battery clamping bolt ... | 1 | All Models ... | 5 | AE-177 |
| NAME TRANSFER GROUP. | | | | |
| Transfer, for rear mudguard ... | 1 | All Models ... | 4 | 38-G3-F383 |
| Transfer, for tool box ... | 1 | All Models ... | 3 | 38-G3-F385 |
| Transfer, for top of oil tank ... | 1 | All Models ... | 2 | 38-G3-F381 |
| Transfer, for side of oil tank ... | 1 | All Models ... | 2 | 38-G3-F392 |
| Transfer, for front chaincase ... | 1 | All Models ... | 2 | 38-G3-F393 |

All gold and coloured lines on MATCHLESS motor cycles are applied by hand and therefore "transfers" for lining cannot be supplied.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

CONTROL LEVER SECTION.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|------|------------|----------------|-----------------|
| TWIST GRIP GROUP. | | | | |
| | | | £ | s. d. |
| Grip, complete, assembled | 1 | All Models | 8 | 0* 70-SHT |
| Body, only, half with friction spring | 1 | All Models | 2 | 2* 3430 |
| Body, only, half, plain | 1 | All Models | 2 | 4* 3432 |
| Screw, clamping body halves | 2 | All Models | 4 | 4* BC-276 |
| Operating sleeve, with rubber grip | 1 | All Models | 3 | 2* 3440-1 |
| Rubber grip, only, for operating sleeve | 1 | All Models | 8 | 8* 5980 |
| Friction spring, for twist grip body | 1 | All Models | 1 | 1* 3436 |
| Rivet for friction spring | 1 | All Models | 1 | 1* 3535 |
| Adjusting screw, for friction spring | 1 | All Models | 2 | 1* BC-40 |
| Lock nut, for adjusting screw | 1 | All Models | 2 | 2* BC-41 |
| Split adaptor, for throttle cable | 1 | All Models | 3 | 3* 3434 |
| Tape, for fixing twist grip to bar | 1 | All Models | 2 | 2* 3390 |
| DUMMY GRIP GROUP. | | | | |
| Grip, complete, assembled | 1 | All Models | 2 | 3* AU-1072 |
| Rubber, only, for dummy grip | 1 | All Models | 9 | 3* 3141 |
| End ferrule, for dummy grip | 2 | All Models | 9 | 3* 3142 |
| CLUTCH, BRAKE, IGNITION AND AIR LEVER GROUP. | | | | |
| Brake and air levers, complete assembly | 1 | All Models | 10 | 0* 403-424-7R |
| Clutch and ignition levers, complete assembly | 1 | All Models | 10 | 0* 403-424-7L |
| Brake, or clutch lever, only | 2 | All Models | 3 | 4* 5963-1 |
| Fulcrum screw, for brake and clutch levers | 2 | All Models | 9 | 3* 2777 |
| Nut, for lever fulcrum screw | 2 | All Models | 1 | 1* 8 |
| Ignition lever, only | 1 | All Models | 2 | 0* 4049-L |
| Air lever, only | 1 | All Models | 2 | 0* 4049-R |
| Cone washer, for ignition and air levers | 1 | All Models | 4 | 4* 2324 |
| Spring washer, for ignition and air levers | 1 | All Models | 1 | 1* 2325 |
| Cap, for ignition and air levers | 1 | All Models | 5 | 5* 2781 |
| Central screw, for ignition and air lever cap | 1 | All Models | 7 | 7* 2782 |
| Brake and air lever body assembly | 1 | All Models | 6 | 0* 2148-4056-R |
| Clutch and ignition lever body assembly | 1 | All Models | 6 | 0* 2148-4056-L |
| Brake lever body, bare | 1 | All Models | 2 | 0* 4056-L |
| Clutch lever body, bare | 1 | All Models | 2 | 0* 4056-R |
| Ignition lever body, bare | 1 | All Models | 2 | 6* 2148-L |
| Air lever body, bare | 1 | All Models | 2 | 6* 2148-R |
| Half clip, for brake and clutch lever body | 2 | All Models | 1 | 0* 4058-A |
| Hinge pin, for half clip | 2 | All Models | 1 | 1* 1718-A |
| Screw, clamping half clip | 2 | All Models | 5 | 5* 3125 |
| EXHAUST LIFTER LEVER GROUP. | | | | |
| Exhaust lifter lever, complete assembly | 1 | All Models | 4 | 6* 725 |
| Exhaust lifter lever, only | 1 | All Models | 2 | 6* 3900 |
| Fulcrum screw, for exhaust lifter lever | 1 | All Models | 2 | 2* 2114 |
| Nut, for fulcrum screw | 1 | All Models | 1 | 1* 8 |
| Body, bare, for exhaust lifter lever | 1 | All Models | 2 | 8* 2980 |
| Half clip, for lever body | 1 | All Models | 1 | 0* 2982 |
| Screw, clamping half clip | 2 | All Models | 2 | 2* 2417 |

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*ALWAYS QUOTE
THE COMPLETE ENGINE NUMBER*

(Including all the Letters in it).

THIS ENABLES US TO IDENTIFY THE MACHINE.

EACH SERIES OF FRAMES IS NUMBERED FROM
ZERO UPWARDS. THEREFORE THE QUOTATION
OF A FRAME NUMBER DOES NOT PERMIT A
MACHINE TO BE IDENTIFIED.

CONTROL CABLE SECTION.

ALL CABLES LISTED AS "COMPLETE, ASSEMBLED" INCLUDE ALL PARTS THAT MUST BE THREADED ON THE INNER CABLE BEFORE THE NIPPLES ARE FITTED. THESE CABLES ARE READY FOR IMMEDIATE USE.

"INNER WIRES" DO NOT INCLUDE NIPPLES AND "OUTER CASINGS" DO NOT INCLUDE THE END FERRULES.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---------------------------------------|------|-----------------------|-------------|--------------|
| FRONT BRAKE CABLE GROUP. | | | | |
| Brake cable, complete, assembled | 1 | G2, G2M, G2MC, G7 | £ 2 9 | 38-B-7 |
| Brake cable, complete, assembled | 1 | G3, G4, G5, G80, G90 | 2 9 | 38-B-8 |
| Brake cable, complete, assembled | 1 | G3C, G90C | 3 9 | 38-B-9 |
| Brake cable, complete, assembled | 1 | X | 3 9 | 38-B-13 |
| Inner wire, bare, 27" long | 1 | G2, G2M, G2MC, G7 | 5 | 12-27 |
| Inner wire, bare, 46" long | 1 | G3, G4, G5, G80, G90 | 9 | 12-46 |
| Inner wire, bare, 47" long | 1 | G3C, G90C | 9 | 12-47 |
| Inner wire, bare, 46½" long | 1 | X | 9 | 12-46½ |
| Nipple, for inner wire, brake end | 1 | G2, G2M, G2MC, G7 | 1 | 11753 |
| Nipple, for inner wire, brake end | 1 | G3, G4, G5, G80, G90 | 1 | 3 |
| Nipple, for inner wire, brake end | 1 | G3C, G90C, X | 1 | 3 |
| Nipple, for inner wire, handlebar end | 1 | All Models | 2* | 2778 |
| Rubber sleeve, for inner wire | 1 | G3, G3C, G4, G5, X | 1 | 4329 |
| Rubber sleeve, for inner wire | 1 | G80, G90, G90C | 1 | 4329 |
| Outer casing, bare, 20" long | 1 | G2, G2M, G2MC, G7 | 1 0 | 12C-20 |
| Outer casing, bare, 14" long | 1 | G3, G3C, G4, G5 | 1 0 | 12C-14 |
| Outer casing, bare, 14" long | 1 | G80, G90, G90C | 1 0 | 12C-14 |
| Outer casing, bare, 12½" long | 1 | X | 1 0 | 12C-12½ |
| Ferrule, for outer casing | 2 | All Models | 1 | 12-E |
| Clip, to cover grease patch on casing | 1 | All Models | 2 | STD-50 |
| Knurled adjuster, for brake cable | 1 | G2, G2M, G2MC, G7 | 4 | 11751 |
| Knurled adjuster, for brake cable | 1 | G3, G3C, G4, G5 | 1 0 | 16365 |
| Knurled adjuster, for brake cable | 1 | G80, G90, G90C, X | 1 0 | 16365 |
| Lock nut, for knurled adjuster | 1 | G2, G2M, G2MC, G7 | 2 | STD-622 |
| Lock nut, for knurled adjuster | 1 | G3, G3C, G4, G5 | 4 | 16363 |
| Lock nut, for knurled adjuster | 1 | G80, G90, G90C, X | 4 | 16363 |
| Spring box, bare, for brake cable | 1 | G2, G2M, G2MC, G7 | 1 6 | 11756 |
| Spring, for spring box | 1 | G2, G2M, G2MC, G7 | 4 | 11763 |
| Plunger, for spring box | 1 | G2, G2M, G2MC, G7 | 1 0 | 11752 |
| Rod, for front brake | 1 | G2, G2M, G7 | 6* | 38-FBH-20 |
| Rod, for front brake | 1 | G2MC | 1 6 | 36-12-B10 |
| Adjuster, for brake rod | 1 | G2, G2M, G7 | 7* | 38-FBH-21 |
| Adjuster, for brake rod | 1 | G2MC | 9 | 11757 |
| Lock nut, for rod adjuster nut | 1 | G2MC | 1 | STD-210 |
| Crosshead, for expander lever | 1 | G2, G2M, G7 | 5* | 38-FBH-22 |
| Yoke end, for front brake rod | 1 | G2MC | 10 | 11755 |
| Yoke end, for front brake cable | 1 | G3, G3C, G4, G5 | 10 | 16482 |
| Yoke end, for front brake cable | 1 | G80, G90, G90C, X | 10 | 16482 |
| Pin, for yoke end | 1 | G2MC, G3, G3C, G4, G5 | 3 | STD-736 |
| Pin, for yoke end | 1 | G80, G90, G90C, X | 3 | STD-736 |
| Split pin, for yoke end pin | 1 | G2MC, G3, G3C, G4, G5 | ½ | STD-48 |
| Split pin, for yoke end pin | 1 | G80, G90, G90C, X | ½ | STD-48 |
| CLUTCH CABLE GROUP. | | | | |
| Clutch cable, complete, assembled | 1 | G2, G2M, G7 | 4 0 | 38-C-5 |
| Clutch cable, complete, assembled | 1 | G2MC | 4 9 | 38-C-6 |
| Clutch cable, complete, assembled | 1 | G3, G3C, G4, G5 | 4 9 | 38-C-7 |
| Clutch cable, complete, assembled | 1 | G80, G90, G90C | 4 9 | 38-C-7 |
| Clutch cable, complete, assembled | 1 | X | 5 0 | 38-C-10 |
| Inner wire, bare, 43" long | 1 | G2, G2M, G7 | 8 | 12-43 |
| Inner wire, bare, 51" long | 1 | G2MC | 9 | 12-51 |
| Inner wire, bare, 53" long | 1 | G3, G3C, G4, G5 | 9 | 12-53 |
| Inner wire, bare, 53" long | 1 | G80, G90, G90C | 9 | 12-53 |
| Inner wire, bare, 60" long | 1 | X | 10 | 12-60 |
| Nipple, for inner wire, gear box end | 1 | All Models | 1 | 4 |
| Nipple, for inner wire, handlebar end | 1 | All Models | 2* | 2778 |
| Outer casing, bare, 43½" long | 1 | G2, G2M, G7 | 1 10 | 12C-43½ |
| Outer casing, bare, 46" long | 1 | G2MC | 2 0 | 12C-46 |
| Outer casing, bare, 47" long | 1 | G3, G3C, G4, G5 | 2 0 | 12C-47 |
| Outer casing, bare, 47" long | 1 | G80, G90, G90C | 2 0 | 12C-47 |
| Outer casing, bare, 54" long* | 1 | X | 2 6 | 12C-54 |
| Ferrule, for outer casing | 2 | All Models | 1 | 12-E |
| Clip, to cover grease patch on casing | 1 | All Models | 2 | STD-50 |
| Adjuster, for clutch cable | 1 | G2, G2M, G7 | 4 | HG-91 |
| Adjuster, for clutch cable | 1 | G2MC, G3, G3C, G4, G5 | 1 0 | D8-E1900 |
| Adjuster, for clutch cable | 1 | G80, G90, G90C, X | 1 0 | D8-E1900 |
| Lock nut, for cable adjuster | 1 | G2, G2M, G7 | 2 | STD-622 |
| Lock nut, for cable adjuster | 1 | G2MC, G3, G3C, G4, G5 | 4 | 3866 |
| Lock nut, for cable adjuster | 1 | G80, G90, G90C, X | 4 | 3866 |

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| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|------|--------------------|-------------|----------------------|
| VALVE LIFTER CABLE GROUP. | | | | |
| Valve lifter cable, complete, assembled | 1 | G2, G2M, G7 | 3 4 | 38-V-5 |
| Valve lifter cable, complete, assembled | 1 | G2MC, G3, G3C, G4 | 3 6 | 38-V-6 |
| Valve lifter cable, complete, assembled | 1 | G50, G90, G90C | 3 6 | 38-V-6 |
| Valve lifter cable, complete, assembled | 1 | G5 | 3 6 | 38-V-8 |
| Valve lifter cable, complete, assembled | 1 | X | 3 10 | 38-V-9 |
| Inner wire, bare, 33 $\frac{1}{2}$ " long | 1 | G2, G2M, G7 | 7 | 12-33 $\frac{1}{2}$ |
| Inner wire, bare, 36 $\frac{1}{2}$ " long | 1 | G2MC, G3, G3C, G4 | 7 | 12-36 $\frac{1}{2}$ |
| Inner wire, bare, 36 $\frac{1}{2}$ " long | 1 | G50, G90, G90C | 7 | 12-36 $\frac{1}{2}$ |
| Inner wire, bare, 38 $\frac{1}{2}$ " long | 1 | G5 | 7 | 12-38 $\frac{1}{2}$ |
| Inner wire, bare, 39" long | 1 | X | 7 | 12-39 |
| Nipple, for inner wire, engine end | 1 | All except X | 1 | 3 |
| Nipple, for inner wire, engine end | 1 | X | 2 | 6 |
| Nipple, for inner wire, handlebar end | 1 | All Models | 1* | 2368 |
| Outer casing, bare, 29 $\frac{1}{2}$ " long | 1 | G2, G2M, G7 | 1 3 | 12C-29 $\frac{1}{2}$ |
| Outer casing, bare, 32 $\frac{1}{2}$ " long | 1 | G2MC, G3, G3C, G4 | 1 5 | 12C-32 $\frac{1}{2}$ |
| Outer casing, bare, 32 $\frac{1}{2}$ " long | 1 | G5, G80, G90, G90C | 1 5 | 12C-32 $\frac{1}{2}$ |
| Outer casing, bare, 34" long | 1 | X | 1 6 | 12C-34 |
| Ferrule, for outer casing | 2 | All Models | 1 | 12-E |
| Clip, to cover grease patch on casing | 1 | All Models | 2 | STD-50 |
| Armoured sheath, for outer casing | 1 | All Models | 3 | STD-709 |
| Adjuster, for valve lifter cable | 1 | All but G5 and X | 2 | 11751 |
| Adjuster, for valve lifter cable | 1 | G5 | 1 0 | 37-8-E215 |
| Adjuster, for valve lifter cable | 1 | X | 7 | 13-E217 |
| Lock nut, for cable adjuster | 1 | All Models | 2 | STD-622 |
| Distance tube, for valve lifter cable | 1 | G5 | 4 | 37-9-E217 |
| IGNITION CONTROL CABLE GROUP. | | | | |
| Ignition cable, complete, assembled | 1 | G2, G7 | 4 6 | 38-I-8 |
| Ignition cable, complete, assembled | 1 | G2M, G2MC | 4 0 | 38-I-9 |
| Ignition cable, complete, assembled | 1 | G3, G3C, G4 | 4 0 | 38-I-10 |
| Ignition cable, complete, assembled | 1 | G80, G90, G90C | 4 0 | 38-I-10 |
| Ignition cable, complete, assembled | 1 | G5 | 4 6 | 38-I-12 |
| Ignition cable, complete, assembled | 1 | X | 4 0 | 38-I-13 |
| Inner wire, bare, 40" long | 1 | G2, G7 | 7 | 11-40 |
| Inner wire, bare, 41" long | 1 | G2M, G2MC | 7 | 11-41 |
| Inner wire, bare, 44" long | 1 | G3, G3C, G4 | 8 | 11-44 |
| Inner wire, bare, 44" long | 1 | G80, G90, G90C | 8 | 11-44 |
| Inner wire, bare, 42" long | 1 | G5 | 7 | 11-42 |
| Inner wire, bare, 35 $\frac{1}{2}$ " long | 1 | X | 6 | 11-35 $\frac{1}{2}$ |
| Nipple, for inner wire, contact breaker | 1 | All but G2, G5, G7 | 6* | MC-4 |
| Nipple, for inner wire, magneto end | 1 | G2, G5, G7 | 1* | 8 |
| Nipple, for inner wire, handlebar end | 1 | All Models | 1* | 3327 |
| Outer casing, bare, 33 $\frac{1}{2}$ " long | 1 | G2, G7 | 1 5 | 11C-33 $\frac{1}{2}$ |
| Outer casing, bare, 36" long | 1 | G2M, G2MC | 1 6 | 11C-36 |
| Outer casing, bare, 39" long | 1 | G3, G3C, G4 | 1 8 | 11C-39 |
| Outer casing, bare, 39" long | 1 | G80, G90, G90C | 1 8 | 11C-39 |
| Outer casing, bare, 37" long | 1 | G5 | 1 7 | 11C-37 |
| Outer casing, bare, 30 $\frac{1}{2}$ " long | 1 | X | 1 4 | 11C-30 $\frac{1}{2}$ |
| Ferrule, for outer casing | 2 | All Models | 1 | 11-E |
| Clip, to cover grease patch on casing | 1 | All Models | 2 | STD-50 |
| Rubber cap, for cable entry | 1 | G2, G5, G7 | 1 6* | 32-M |
| Rubber cap, for cable entry | 1 | All but G2, G5, G7 | 3 | MC-9 |
| Cable adjuster, with lock nut | 1 | G2, G5, G7 | 6* | 31-M |
| Cable adjuster, with lock nut | 1 | All but G2, G5, G7 | 5 | MC-7-8 |
| Cable sleeve, (Screws into timing case) | 1 | G2, G5, G7 | 6* | 18-M |
| Cable sleeve, (Screws into magneto) | 1 | All but G2, G5, G7 | 6 | MC-6 |
| Cable spring | 1 | G2, G5, G7 | 4* | 17-M |
| Cable spring | 1 | All but G2, G5, G7 | 2 | MC-5 |
| Nipple sleeve, (Slides in timing case) | 1 | G2, G5, G7 | 6* | 15-M |
| THROTTLE CABLE GROUP. | | | | |
| Throttle cable, complete, assembled | 1 | G2 | 3 6 | 38-T-6 |
| Throttle cable, complete, assembled | 1 | G2M, G2MC | 3 6 | 38-T-7 |
| Throttle cable, complete, assembled | 1 | G3, G3C, G4 | 3 6 | 38-T-8 |
| Throttle cable, complete, assembled | 1 | G80, G90, G90C | 3 6 | 38-T-8 |
| Throttle cable, complete, assembled | 1 | G7 | 3 6 | 38-T-9 |
| Throttle cable, complete, assembled | 1 | G5 | 3 6 | 38-T-10 |
| Throttle cable, complete, assembled | 1 | X | 3 6 | 38-T-11 |
| Inner wire, bare, 43" long | 1 | G2 | 8 | 11-43 |
| Inner wire, bare, 42" long | 1 | G2M, G2MC | 7 | 11-42 |
| Inner wire, bare, 46 $\frac{1}{2}$ " long | 1 | G3, G3C, G4 | 8 | 11-46 $\frac{1}{2}$ |
| Inner wire, bare, 46 $\frac{1}{2}$ " long | 1 | G80, G90, G90C | 8 | 11-46 $\frac{1}{2}$ |
| Inner wire, bare, 43" long | 1 | G7 | 8 | 11-43 |
| Inner wire, bare, 50" long | 1 | G5 | 9 | 11-50 |
| Inner wire, bare, 44" long | 1 | X | 7 | 11-44 |
| Nipple, for inner wire, carburettor end | 1 | All Models | 2* | 1482 |
| Nipple, for inner wire, handlebar end | 1 | All Models | 1* | 3327 |
| Outer casing, bare, 37" long | 1 | G2 | 1 7 | 11C-37 |
| Outer casing, bare, 36" long | 1 | G2M, G2MC | 1 6 | 11C-36 |
| Outer casing, bare, 40 $\frac{1}{2}$ " long | 1 | G3, G3C, G4 | 1 9 | 11C-40 $\frac{1}{2}$ |
| Outer casing, bare, 40 $\frac{1}{2}$ " long | 1 | G80, G90, G90C | 1 9 | 11C-40 $\frac{1}{2}$ |
| Outer casing, bare, 42" long | 1 | G7 | 1 9 | 11C-42 |
| Outer casing, bare, 41" long | 1 | G5 | 1 10 | 11C-44 |
| Outer casing, bare, 38 $\frac{1}{2}$ " long | 1 | X | 1 7 | 11C-38 $\frac{1}{2}$ |
| Ferrule, for outer casing | 2 | All Models | 1 | 11-E |
| Clip, to cover grease patch on casing | 1 | All Models | 2 | STD-50 |
| Cable adjuster | 1 | All Models | 4* | 14-035 |

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| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|------|----------------|-------------|--------------|
| AIR CABLE GROUP. | | | | |
| Air cable, complete, assembled | 1 | G2, G2M, G2MC | 3 0 | 38-A-6 |
| Air cable, complete, assembled | 1 | G3, G3C, G4 | 3 6 | 38-A-7 |
| Air cable, complete, assembled | 1 | G80, G90, G90C | 3 6 | 38-A-7 |
| Air cable, complete, assembled | 1 | G7 | 3 0 | 38-A-8 |
| Air cable, complete, assembled | 1 | G5 | 3 6 | 38-A-9 |
| Air cable, complete, assembled | 1 | X | 3 6 | 38-A-10 |
| Inner wire, bare, 39" long | 1 | G2, G2M, G2MC | 8 7 | 11-42 |
| Inner wire, bare, 42" long | 1 | G3, G3C, G4 | 8 8 | 11-42 |
| Inner wire, bare, 42" long | 1 | G80, G90, G90C | 8 8 | 11-45 |
| Inner wire, bare, 45" long | 1 | G7 | 7 7 | 11-45 |
| Inner wire, bare, 45 1/2" long | 1 | G5 | 7 7 | 11-45 1/2 |
| Inner wire, bare, 40" long | 1 | X | 7 7 | 11-40 |
| Nipple, for inner wire, carburettor end | 1 | All Models | 2 4 | 1482 |
| Nipple, for inner wire, handlebar end | 1 | All Models | 1 1 | 3327 |
| Outer casing, bare, 33" long | 1 | G2, G2M, G2MC | 1 5 | 11C-33 |
| Outer casing, bare, 36" long | 1 | G3, G3C, G4 | 1 6 | 11C-36 |
| Outer casing, bare, 36" long | 1 | G80, G90, G90C | 1 6 | 11C-36 |
| Outer casing, bare, 39" long | 1 | G7 | 1 8 | 11C-39 |
| Outer casing, bare, 39 1/2" long | 1 | G5 | 1 8 | 11C-39 1/2 |
| Outer casing, bare, 34" long | 1 | X | 1 6 | 11C-34 |
| Ferrule, for outer casing | 2 | All Models | 1 1 | 11-E |
| Clip, to cover grease patch on casing | 1 | All Models | 2 2 | STD-50 |
| Cable adjuster | 1 | All Models | 4 * | 14-035 |

CONTROL CABLE CLIPS.

THE FOLLOWING CLIPS ARE USED TO RETAIN THE CONTROL CABLES, AND THE ELECTRIC LIGHTING CABLES TO THE FRAME, FORKS AND HANDLEBAR.

| | | | | |
|--|---|------------|---------|---------|
| Rubber clip. Size A. 5" total length. | Q | All Models | 1 1/2 * | STD-523 |
| Rubber clip. Size B. 4 1/4" total length | Q | All Models | 1 1/2 * | STD-522 |
| Rubber clip. Size C. 3 1/2" total length | Q | All Models | 1 1/2 * | STD-521 |
| Rubber clip. Size D. 2" total length | Q | All Models | 1 1/2 * | STD-520 |
| Strip aluminium pliable clip | Q | All Models | 1 | STD-525 |

TANK AND PIPE SECTION.

PETROL TANK GROUP.

| | | | | |
|------------------------------------|---|-----------------|--------|---------------|
| Tank, bare, (Black & Gold) | 1 | G2, G7 | 4 10 0 | 39-G3-T105EB |
| Tank, bare (plated and black) | 1 | G3, G5, G80 | 4 17 6 | 39-G3-T105PB |
| Tank, bare (plated and red) | 1 | G2M, G4, G90 | 5 2 6 | 39-G3-T105PR |
| Tank, bare (plated and red) | 1 | G2MC, G3C, G90C | 5 0 0 | 39-G4C-T105PR |
| Tank, bare (plated and red) | 1 | X | 5 5 0 | 38-X-T105PR |
| Bolt, fixing tank, to frame | 4 | All Models | 6 6 | 38-G3-T15A |
| Rubber pad, thick, for fixing bolt | 4 | All Models | 2 2 | 16413 |
| Rubber pad, thin, for fixing bolt | 4 | All Models | 2 2 | 16414 |
| Metal washer, for fixing bolt | 4 | All Models | 2 2 | STD-173 |

PETROL TANK FITTINGS.

| | | | | |
|--|---|---------------------|-----|-------------|
| Petrol supply tap | 1 | All Models | 3 0 | 17907 |
| Banjo pin, for tank connection pipe | 1 | All Models | 1 9 | 17908 |
| Fibre washer, small, for pin and tap | 2 | All Models | 2 2 | STD-200 |
| Fibre washer, large, for pin and tap | 2 | All Models | 2 2 | STD-201 |
| Filler cap | 1 | All except X | 3 0 | AT-30 |
| Filler cap | 1 | X | 2 9 | 17355 |
| Washer, only, for filler cap | 1 | All except X | 2 3 | AT-30-C |
| Water deflector | 1 | G2, G3, G5, G7, G80 | 2 6 | 38-G3-T113B |
| Water deflector | 1 | G2M, G4, G90 | 2 6 | 38-G3-T113R |
| Water deflector | 1 | G2MC, G3C, G90C | 2 3 | 35-G3-T113R |
| Water deflector | 1 | X | 3 0 | 38-X-T113R |
| Screw, fixing water deflector | 3 | All Models | 2 1 | STD-149 |
| Rubber washer, for deflector screw | 3 | All Models | 1 1 | 35-G3-T115 |
| Knee grip, left | 1 | G2, G2M, G3, G4, G5 | 2 6 | 38-G3-T4-L |
| Knee grip, left | 1 | G7, G80, G90, X | 2 6 | 38-G3-T4-L |
| Knee grip, left | 1 | G2MC, G3C, G90C | 2 6 | 35-G3-T4-L |
| Knee grip, right | 1 | G2, G2M, G3, G4, G5 | 2 6 | 38-G3-T4-R |
| Knee grip, right | 1 | G7, G80, G90, X | 2 6 | 38-G3-T4-R |
| Knee grip, right | 1 | G2MC, G3C, G90C | 2 6 | 35-G3-T4-R |
| Plate, for knee grip, left | 1 | G2, G2M, G3, G4, G5 | 6 6 | 38-G3-T34-L |
| Plate, for knee grip, left | 1 | G7, G80, G90, X | 6 6 | 38-G3-T34-L |
| Plate, for knee grip, left | 1 | G2MC, G3C, G90C | 6 6 | 35-G3-T34-L |
| Plate, for knee grip, right | 1 | G2, G2M, G3, G4, G5 | 6 6 | 38-G3-T34-R |
| Plate, for knee grip, right | 1 | G7, G80, G90, X | 6 6 | 38-G3-T34-R |
| Plate, for knee grip, right | 1 | G2MC, G3C, G90C | 6 6 | 35-G3-T34-R |
| Bolt, fixing knee grip plate | 4 | All except X | 2 2 | STD-70 |
| Bolt, fixing knee grip plate | 2 | X | 2 2 | STD-487 |
| Spacer, for plate fixing bolt | 4 | G2, G2M, G3, G4, G5 | 2 2 | STD-639 |
| Spacer, for plate fixing bolt | 4 | G7, G80, G90 | 2 2 | STD-639 |
| Washer, for plate fixing bolt | 4 | All except X | 1 1 | STD-12 |
| Washer, for plate fixing bolt | 2 | X | 1 1 | STD-11 |
| Wing emblem, for tank, left side | 1 | All Models | 1 6 | 38-G3-T57-L |
| Wing emblem, for tank, right side | 1 | All Models | 1 6 | 38-G3-T57-R |
| Embossed letter "M" for tank, left side | 1 | All Models | 1 6 | D5-T500-L |
| Embossed letter "M" for tank, right side | 1 | All Models | 1 6 | D5-T500-R |
| Screw, fixing letter "M" and wing | 4 | All Models | 2 2 | STD-150 |

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| Description. | Qty. | Used on. | Price Each. | Part Number. |
|------------------------------------|------|--------------|-------------|--------------|
| OIL TANK GROUP. | | | | |
| Oil tank, bare | 1 | All except X | £ 1 2 0 | 38-G3-T45 |
| Oil tank, bare | 1 | X | 1 2 6 | 34-X-T45 |
| Bolt, fixing stay to rear mudguard | 1 | All Models | 2 | STD-361 |
| Washer, for stay fixing bolt | 1 | All Models | 1 | STD-11 |
| Nut, for stay fixing bolt | 1 | All Models | 2 | STD-4 |
| Nut, fixing tank to frame | 2 | All except X | 2 | STD-4 |
| Washer, for tank fixing bolt | 2 | All except X | 1 | STD-174 |
| Bolt, front, fixing tank to frame | 1 | X | 3 | STD-363 |
| Bolt, rear, fixing tank to frame | 1 | X | 2 | STD-361 |
| Washer, for tank fixing bolt | 3 | X | 1 | STD-174 |

OIL TANK FITTINGS.

| | | | | |
|-----------------------------------|---|------------|-----|------------|
| Filler cap | 1 | All Models | 3 0 | 35-G3-T130 |
| Drain plug | 1 | All Models | 3 | STD-599 |
| Fibre washer, for drain plug | 1 | All Models | 2 | STD-200 |
| Feed connection, (screws in tank) | 1 | All Models | 4 | L3-E287 |
| Oil filter felt cartridge | 1 | All Models | 2 6 | STD-796 |
| Spring, for filter cartridge | 1 | All Models | 4 | STD-704 |
| Dished washer, for filter spring | 1 | All Models | 3 | STD-797 |
| Cap, for filter compartment | 1 | All Models | 1 6 | STD-795 |
| Cork washer, for compartment cap | 1 | All Models | 2 | STD-583 |

PETROL PIPE GROUP.

| | | | | |
|-----------------------------------|-------|------------------|-----|-------------|
| Petrol pipe, complete | 1 | G2 | 3 0 | 38-G2-T54 |
| Petrol pipe, complete | 1 | G2M | 3 0 | 38-G2M-T54 |
| Petrol feed pipe, complete | (R) 1 | G2MC, G3C, G90C | 5 3 | 38-G9-T54 |
| Petrol feed pipe, complete | 1 | G3, G4 | 3 0 | 38-G3-T54 |
| Petrol feed pipe, complete | 1 | G5 | 3 0 | 38-G5-T54 |
| Petrol feed pipe, complete | 1 | G7 | 3 0 | 38-G7-T54 |
| Petrol feed pipe, complete | 1 | G80, G90 | 3 0 | 38-G8-T54 |
| Petrol feed pipe, complete | (R) 1 | X | 7 6 | 38-X-T54 |
| Nipple, for pipe, tank end | 1 | G2, G2M, G3, G4 | 3 | STD-504 |
| Nipple, for pipe, tank end | 1 | G5, G7, G80, G90 | 3 | STD-504 |
| Nipple, for pipe, carburettor end | 1 | G2, G2M, G3, G4 | 3* | 14-026 |
| Nipple, for pipe, carburettor end | 1 | G5, G7, G80, G90 | 3* | 14-026 |
| Nut, for pipe, tank end | 1 | G2, G2M, G3, G4 | 4 | STD-504-N |
| Nut, for pipe, tank end | 1 | G5, G7, G80, G90 | 4 | STD-504-N |
| Nut, for pipe, carburettor end | 1 | G2, G2M, G3, G4 | 6* | 14-025 |
| Nut, for pipe, carburettor end | 1 | G5, G7, G80, G90 | 6* | 14-025 |
| Tank connection pipe, complete | 1 | All except X | 4 0 | 38-G3-T29-A |
| Tank connection pipe, complete | 1 | X | 4 0 | 4280-1 |
| Banjo union, for connection pipe | 2 | All Models | 8 | STD-500 |

(R) This is a flexible pipe and parts of it are not sold.

OIL PIPE GROUP.

| | | | | |
|---------------------------------------|-------|----------------|-----|------------|
| Main feed pipe, tank to engine | (S) 1 | All except X | 3 6 | 38-G3-E140 |
| Main feed pipe, tank to engine | (T) 1 | X | 3 6 | 38-X-E140 |
| Main return pipe, engine to tank | (U) 1 | All except X | 3 6 | 38-G3-E142 |
| Main return pipe, engine to tank | (V) 1 | X | 3 6 | 38-X-E142 |
| Rubber connection, for main pipes | 2 | X | 8 | 17618 |
| Main feed pipe, to rocker box | (W) 1 | All OHV Models | 2 6 | 37-G3-E380 |
| Nipple, for rocker pipe, top end | 1 | All OHV Models | 3 | STD-504 |
| Nipple, for rocker pipe, bottom end | 1 | All OHV Models | 3 | STD-509 |
| Nut, for rocker pipe, top end | 1 | All OHV Models | 4 | STD-504-N |
| Nut, for rocker pipe, bottom end | 1 | All OHV Models | 1 0 | 36-G8-E385 |
| Rubber connection, for rocker pipe | 1 | All OHV Models | 6 | 36-G8-E384 |
| Feed pipe, rocker box to inlet valve | 1 | G2, G2M, G2MC | 1 6 | 37-G3-E285 |
| Nipple, for inlet valve feed pipe | 2 | G2, G2M, G2MC | 4 | STD-578 |
| Nut, for inlet valve feed pipe | 2 | G2, G2M, G2MC | 3 | STD-502-N |
| By-pass pipe, between pump and engine | 1 | X | 2 0 | 37-X-E34-A |
| Oil discharge pipe | 1 | All except X | 1 0 | DS-E848-A |
| Oil discharge pipe | 1 | X | 1 9 | 4322 |
| Nipple, for oil discharge pipe | 1 | All except X | 3 | STD-505 |
| Nut, for oil discharge pipe | 1 | All except X | 4 | STD-5N3 |
| Banjo union, for oil discharge pipe | 1 | X | 8 | STD-500 |
| Nut, fixing oil discharge pipe | 1 | X | 2 | STD-4 |
| Metal washer, for pipe fixing nut | 1 | X | 1 | STD-11 |
| Fibre washer, for pipe fixing nut | 1 | X | 2 | STD-201 |

(S) This is the upper of the two pipes between the oil tank and the engine. It is sold complete with union nuts and parts of it are not supplied as separate spares.

(T) This leads to the most forward union in the timing case and is in two pieces. The price includes the union nuts but not the rubber connection.

(U) This is the lower of the two pipes between the oil tank and the engine. It is sold complete with union nuts and parts of it are not supplied as separate spares.

(V) This leads from the rear union in the timing case and is in two pieces. The price includes the union nuts but not the rubber connection.

(W) This is in two pieces. The price includes the union nuts but not the rubber connection.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

WHEEL AND BRAKE SECTION.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|------|-------------|----------------|-----------------|
| FRONT WHEEL GROUP. | | | | |
| | | | £ s. d. | |
| Wheel, with all fittings, black centres | 1 | G2, G7 | 2 14 0 | 39-G2-FWA |
| Wheel, with all fittings, red centres | 1 | G2M | 2 15 6 | 39-G2M-FWA |
| Wheel, with all fittings, red centres | 1 | G2MC | 5 5 2 | 39-G2MC-FWA |
| Wheel, with all fittings, black centres | 1 | G3, G5, G80 | 5 9 4 | 39-G3-FWA |
| Wheel, with all fittings, red centres | 1 | G4, G90 | 5 10 4 | 39-G4-FWA |
| Wheel, with all fittings, red centres | 1 | G3C, G90C | 5 10 4 | 39-G3C-FWA |
| Wheel, with all fittings, red centres | 1 | X | 5 10 4 | 39-X-FWA |

“WHEEL, WITH ALL FITTINGS” includes:—All Bearings and brake parts but does not include the centre solid spindle with the washers, spacers and nuts on it; neither does it include the tyre and speedometer parts. (Centre solid spindle included in Models G2, G2M and G7.)

| | | | | |
|---|---|-------------|--------|------------|
| Wheel, less all fittings, black centres | 1 | G2, G7 | 2 3 0 | 39-G2-FW |
| Wheel, less all fittings, red centres | 1 | G2M | 2 4 0 | 39-G2M-FW |
| Wheel, less all fittings, red centres | 1 | G2MC | 2 17 6 | 39-G2MC-FW |
| Wheel, less all fittings, black centres | 1 | G3, G5, G80 | 2 19 0 | 39-G3-FW |
| Wheel, less all fittings, red centres | 1 | G4, G90 | 3 0 0 | 39-G4-FW |
| Wheel, less all fittings, red centres | 1 | G3C, G90C | 3 0 0 | 39-G3C-FW |
| Wheel, less all fittings, red centres | 1 | X | 3 0 0 | 39-X-FW |

“WHEEL, LESS ALL FITTINGS” includes:—Hub shell, brake drum, rim, spokes and nipples, assembled.

| | | | | |
|--------------------------------------|----|--------------------------|--------|-------------|
| Rim, 19 by 2½ by .225, black centres | 1 | G2, G3, G5, G7, G80 | 16 6 | 38-F-H20B |
| Rim, 19 by 2½ by .225, red centres | 1 | G2M | 17 6 | 38-F-H20R |
| Rim, 19 by 3 by .225, red centres | 1 | X | 17 6 | 35-2-H20R |
| Rim, 20 by 2½ by .225, red centres | 1 | G2MC, G4, G90 | 17 6 | 37-22T-H20R |
| Rim, 21 by 2½ by .225, red centres | 1 | G3C, G90C | 17 6 | 37-18T-H20R |
| Spoke, 8½" by 8g by 10g, right | 20 | G2, G2M, G7 | 2 | 37-G2-H52 |
| Spoke, 8½" by 9g by 11g, right | 20 | G3, G5, G80, X | 2 | 12399 |
| Spoke, 8½" by 9g by 11g, right | 20 | G2MC, G4, G90 | 2 | 38-22T-H52 |
| Spoke, 9½" by 9g by 11g, right | 20 | G3C, G90C | 2 | 38-18T-H51 |
| Spoke, 8½" by 8g by 10g, left | 20 | G2, G2M, G7 | 2 | 37-G2-H51 |
| Spoke, 5½" by 8g by 10g, left | 20 | G3, G5, G80, X | 2 | 37-X-H51 |
| Spoke, 6½" by 9g by 11g, left | 20 | G2MC, G4, G90 | 2 | 38-26T-H51 |
| Spoke, 6½" by 9g by 11g, left | 20 | G3C, G90C | 2 | 38-22T-H51 |
| Nipple, 10g by .225, left and right | 40 | G2, G2M, G7 | 1 | 20680 |
| Nipple, 10g by .225, left | 20 | G3, G5, G80, X | 1 | 20680 |
| Nipple, 11g by .225, right | 20 | G3, G5, G80, X | 1 | 20678 |
| Nipple, 11g by .225, left and right | 40 | G2MC, G3C, G4, G90, G90C | 1 | 20678 |
| Hub shell, with brake drum, bare | 1 | G2, G2M, G7 | 12 1* | 37-G2-H1 |
| Hub shell, with brake drum fitted | 1 | G2MC | 1 10 0 | 38-12-H19 |
| Hub shell, with brake drum fitted | 1 | G3, G3C, G4, G5 | 1 12 6 | 38-S-H19 |
| Hub shell, with brake drum fitted | 1 | G80, G90, G90C, X | 1 12 6 | 38-S-H19 |
| Grease nipple, for hub shell | 1 | G2, G2M, G7 | 3* | 38-FBH-10A |
| Grease nipple, for hub shell | 1 | All but G2, G2M, G7 | 6 | STD-54 |
| Security bolt, for front tyre | 1 | G2MC, G3C, G90C | 2 6 | SEC-2½ |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|------|-----------------|-------------|--------------|
| REAR WHEEL GROUP. | | | | |
| Wheel, with all fittings, black centres | 1 | G2, G7 | 2 17 0 | 39-G2-RWA |
| Wheel, with all fittings, red centres | 1 | G2M | 2 18 0 | 39-G2M-RWA |
| Wheel, with all fittings, red centres | 1 | G2MC, G3C, G90C | 3 16 5 | 39-G2MC-RWA |
| Wheel, with all fittings, black centres | 1 | G3, G5, G80 | 3 15 11 | 39-G3-RWA |
| Wheel, with all fittings, red centres | 1 | G4, G90 | 3 16 11 | 39-G4-RWA |
| Wheel, with all fittings, red centres | 1 | X | 2 15 10 | 39-X-RWA |

"WHEEL, WITH ALL FITTINGS" includes.—Hub shell, rim, spokes, nipples and hub bearings, assembled. (No tyre, brake parts or sprocket included).

| | | | | |
|---|---|-----------------|--------|------------|
| Wheel, less all fittings, black centres | 1 | G2, G7 | 2 5 6 | 39-G2-RW |
| Wheel, less all fittings, red centres | 1 | G2M | 2 6 6 | 39-G2M-RW |
| Wheel, less all fittings, red centres | 1 | G2MC, G3C, G90C | 2 13 3 | 39-G2MC-RW |
| Wheel, less all fittings, black centres | 1 | G3, G5, G80 | 2 12 9 | 39-G3-RW |
| Wheel, less all fittings, red centres | 1 | G4, G90 | 2 13 9 | 39-G4-RW |
| Wheel, less all fittings, red centres | 1 | X | 2 13 9 | 39-X-RW |

"WHEEL, LESS ALL FITTINGS" includes:—Hub shell, rim, spokes and nipples, assembled.

| | | | | |
|---|----|--------------------------|-------|-------------|
| Rim, 19 by 2 1/4 by .225, black centres | 1 | G2, G7 | 16 6 | 35-F-H20B |
| Rim, 19 by 2 1/4 by .225, red centres | 1 | G2M | 17 6 | 35-F-H20R |
| Rim, 19 by 2 1/4 by .250, black centres | 1 | G3, G5, G80 | 16 6 | 35-8-H21B |
| Rim, 19 by 2 1/4 by .250, red centres | 1 | G4, G90 | 17 6 | 35-8-H21R |
| Rim, 19 by 3 by .250, red centres | 1 | G2MC, G3C, G90C | 17 6 | 35-22T-H21R |
| Rim, 19 by 3 by .350, red centres | 1 | X | 17 6 | 35-2-H20R |
| Spoke, 8 1/2" by 8g by 10g, right | 20 | G2, G2M, G7 | 2 2 | 37-G2-H52 |
| Spoke, 8 1/2" by 6g by 9g, right | 20 | G3, G5, G80 | 2 2 | 39-8-H54 |
| Spoke, 8" by 6g, right | 20 | X | 2 2 | 36-2-H52 |
| Spoke, 8 1/2" by 6g by 9g, right | 20 | G2MC, G3C, G4, G90, G90C | 2 2 | 39-G4-H54 |
| Spoke, 6 1/2" by 8g by 10g, left | 20 | G2, G2M, G7 | 2 2 | 35-G8C-H51 |
| Spoke, 8 1/2" by 6g by 9g, left | 20 | G3, G5, G80 | 2 2 | 39-8-54 |
| Spoke, 8 1/2" by 6g, left | 20 | X | 2 2 | 36-2-H51 |
| Spoke, 8 1/2" by 6g by 9g, left | 20 | G2MC, G3C, G4, G90, G90C | 2 2 | 39-G4-H54 |
| Nipple, 10g by .225, left and right | 40 | G2, G2M, G7 | 1 | 20680 |
| Nipple, 9g by .250, left and right | 40 | G2MC, G3, G3C, G4, G5 | 1 | 12344 |
| Nipple, 9g by .250, left and right | 40 | G80, G90, G90C | 1 | 12344 |
| Nipple, 6g by .350, left and right | 40 | X | 1 | 36-2-H34 |
| Grease nipple, for hub shell | 1 | G2, G2M, G7 | 3* | 38-FBH-10A |
| Grease nipple, for hub shell | 1 | All but G2, G2M, G7 | 6 | STD-54 |
| Security bolt, 3", for rear tyre | 1 | G2MC, G3C, G90C | 2 10 | 37-22T-H132 |
| Hub shell, with brake drum, bare | 1 | G2, G2M, G7 | 14 0* | 38-RBH-33 |
| Hub shell, bare | 1 | All but G2, G2M, G7 | 1 6 3 | 11903-1 |

WHEEL BEARING GROUP. (TAPER BEARING WHEELS).

| | | | | |
|--|---|-----------------------|------|-------|
| Hollow spindle, with bearings, front | 1 | All but G2, G2M, G7 | 15 0 | 11908 |
| Hollow spindle, with bearings, rear | 1 | G2MC, G3, G3C, G4, G5 | 17 6 | 11905 |
| Hollow spindle, with bearings, rear | 1 | G80, G90, G90C | 17 6 | 11905 |
| Hollow spindle, with bearings, rear | 1 | X | 17 6 | 16267 |
| Felt washer, for bearings | 2 | G2MC, G3, G3C, G4, G5 | 2 | 11909 |
| Felt washer, for bearings | 2 | G80, G90, G90C | 2 | 16266 |
| Felt washer, for bearings | 1 | X | 2 | 16266 |
| Cup, for felt washer | 1 | G2MC, G3, G3C, G4, G5 | 3 | 11911 |
| Cup, for felt washer | 1 | G80, G90, G90C | 3 | 11911 |
| Cup, for felt washer | 1 | X | 2 | 16264 |
| Distance piece, for felt washer | 1 | G2MC, G3, G3C, G4, G5 | 2 | 11912 |
| Distance piece, for felt washer | 1 | G80, G90, G90C | 2 | 11912 |
| Distance piece, for felt washer | 1 | X | 2 | 16263 |
| Locating washer, for felt washer | 3 | G2MC, G3, G3C, G4, G5 | 6 | 11913 |
| Locating washer, for felt washer | 3 | G80, G90, G90C | 6 | 11913 |
| Locating washer, for felt washer | 2 | X | 2 | 16262 |
| Spring ring, locating bearing, left side | 1 | G2MC, G3, G3C, G4, G5 | 2 | 11910 |
| Spring ring, locating bearing, left side | 1 | G80, G90, G90C | 2 | 11910 |
| Spring ring, locating bearing, left side | 1 | X | 2 | 16265 |
| Adjusting ring, for bearings | 1 | G2MC, G3, G3C, G4, G5 | 1 6 | 11915 |
| Adjusting ring, for bearings | 1 | G80, G90, G90C | 1 6 | 11915 |
| Adjusting ring, for bearings | 1 | X | 1 6 | 16258 |
| Lock nut, for adjusting ring | 1 | G2MC, G3, G3C, G4, G5 | 1 3 | 11914 |
| Lock nut, for adjusting ring | 1 | G80, G90, G90C | 1 3 | 11914 |
| Lock nut, for adjusting ring | 1 | X | 1 3 | 16261 |

The quantities above are those for one wheel.

WHEEL BEARING GROUP. (BALL BEARING WHEEL).

| | | | | |
|---------------------------------------|----|-------------|----|-----------|
| Cup, for hub shell | 2 | G2, G2M, G7 | 7* | 38-FBH-23 |
| Cone, left side (shallow) | 1 | G2, G2M, G7 | 2* | 38-FBH-15 |
| Cone, right side (deep) | 1 | G2, G2M, G7 | 2* | 38-FBH-14 |
| Lock nut, for cone, left side, thin | 1 | G2, G2M, G7 | 4* | 38-FBH-17 |
| Lock nut, for cone, right side, thick | 1 | G2, G2M, G7 | 4* | 38-FBH-16 |
| Washer, for cone, left side | 1 | G2, G2M, G7 | 2* | 38-FBH-18 |
| Balls, for hub bearing, per set | 20 | G2, G2M, G7 | 8* | 38-FBH-12 |
| Dust cap, for hub shell | 2 | G2, G2M, G7 | 2* | 38-FBH-11 |

The quantities above are those for one wheel.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|---------|-----------------------|-------------|--------------|
| FRONT WHEEL CENTRE SOLID SPINDLES. | | | | |
| Centre solid spindle (front wheel axle) | 1 | G2, G2M, G7 | 2 2* | 39-FBH-13 |
| Centre solid spindle | 1 | G3, G3C, G4, G5 | 2 6 | 36-8-H10 |
| Centre solid spindle | 1 | G80, G90, G90C, X | 2 6 | 36-8-H10 |
| Centre solid spindle | 1 | G2MC | 2 6 | 36-12-H10 |
| Washer, for solid spindle | 2 | G2, G2M, G7 | 1 | STD-8 |
| Washer, for solid spindle | 2 | G2MC, G3, G3C, G4, G5 | 1 | STD-9 |
| Washer, for solid spindle | 2 | G80, G90, G90C, X | 1 | STD-9 |
| Nut, for solid spindle, right side | 1 | G2, G2M, G7 | 4 | 10215 |
| Nut, for solid spindle, right side | 1 | G2MC, G3, G3C, G4, G5 | 3 | STD-2 |
| Nut, for solid spindle, right side | 1 | G80, G90, G90C, X | 3 | STD-2 |
| Nut, for solid spindle, left side | 1 | G2, G2M, G7 | 7 | 297 |
| Nut, for solid spindle, left side | 1 | G2MC, G3, G3C, G4, G5 | 6 | 12221 |
| Nut, for solid spindle, left side | 1 | G80, G90, G90C, X | 6 | 12221 |
| REAR WHEEL CENTRE SOLID SPINDLES. | | | | |
| Centre solid spindle (rear wheel axle) | 1 | G2, G2M, G7 | 2 2* | 38-RBH-36 |
| Centre solid spindle | 1 | G2MC, G3, G3C, G4, G5 | 2 6 | 37-8-H4 |
| Centre solid spindle | 1 | G80, G90, G90C | 2 6 | 37-8-H4 |
| Centre solid spindle | 1 | X | 4 9 | 36-2-H4 |
| Spacer, internal, right side | 1 | G2MC, G3, G3C, G4, G5 | 3 | 10086 |
| Spacer, internal, right side | 1 | G80, G90, G90C | 3 | 10086 |
| Spacer, internal, right side | 1 | X | 3 | 4172 |
| Spacer, external, right side | 1 | G2MC, G3, G3C, G4, G5 | 3 | 36-8-H16 |
| Spacer, external, right side | 1 | G80, G90, G90C | 3 | 36-8-H16 |
| Spacer, external, right side | 1 | X | 4 | 4343 |
| Washer, for solid spindle | 2 | G2, G2M, G7 | 1 | STD-8 |
| Washer, for solid spindle | 1 | G2MC, G3, G3C, G4, G5 | 1 | STD-9 |
| Washer, for solid spindle | 1 | G80, G90, G90C | 1 | STD-9 |
| Washer, for solid spindle | 1 | X | 1 | STD-8 |
| Nut, for solid spindle, right | 1 | G2, G2M, G7 | 4 | 10215 |
| Nut, for solid spindle, left | 1 | G2, G2M, G7 | 4 | 10215 |
| Nut, for solid spindle, left | 1 | G2MC, G3, G3C, G4, G5 | 6 | 12221 |
| Nut, for solid spindle, left | 1 | G80, G90, G90C | 6 | 12221 |
| Nut, for solid spindle, left | 1 | X | 7 | 297 |
| FRONT BRAKE DRUM GROUP. | | | | |
| Brake drum | 1 | G2MC | 10 6 | 36-12-B115 |
| Brake drum | 1 | G3, G3C, G4, G5 | 10 6 | 12389 |
| Brake drum | 1 | G80, G90, G90C, X | 10 6 | 12389 |
| Screw, fixing drum to shell | 8 | All but G2, G2M, G7 | 2 | STD-140 |
| REAR BRAKE DRUM AND SPROCKET GROUP. | | | | |
| Rear wheel sprocket | (A) 1 | G2, G2M, G7 | 7 6* | 38-RBH-46 |
| Brake drum and sprocket | (B,C) 1 | G3, G4 | 1 16 9 | 39-G3-B15A |
| Brake drum and sprocket | (B,D) 1 | G2MC, G3C, G90C | 1 16 9 | 37-8-B15-A |
| Brake drum and sprocket | (B,D) 1 | G5, G80, G90 | 1 16 9 | 37-8-B15-A |
| Brake drum and sprocket | (B,E) 1 | X | 1 16 9 | 36-2-B15-A |
| Bolt, fixing sprocket to hub shell | 3 | G2, G2M, G7 | 2* | 38-RBH-47A |
| Nut, for sprocket fixing bolt | 6 | G2, G2M, G7 | 1* | 38-RBH-47B |
| Centre, for brake drum | 1 | G2MC, G3, G3C, G4, G5 | 1 9 | 36-8-B16 |
| Centre, for brake drum | 1 | G80, G90, G90C | 1 9 | 36-8-B16 |
| Centre, for brake drum | 1 | X | 2 0 | 35-2-B16 |
| Rivets, for drum centre, per set | 3 | All but G2, G2M, G7 | 1 | STD-45 |
| Driving stud, threaded | 3 | G2MC, G3, G3C, G4, G5 | 4 | 10083 |
| Driving stud, threaded | 3 | G80, G90, G90C | 4 | 10083 |
| Driving stud, threaded | 3 | X | 4 | 3508 |
| Driving stud, plain | 3 | G2MC, G3, G3C, G4, G5 | 2 | 10082 |
| Driving stud, plain | 3 | G80, G90, G90C | 2 | 10082 |
| Driving stud, plain | 3 | X | 2 | 678 |
| Dummy spindle, for brake drum | 1 | G2MC, G3, G3C, G4, G5 | 1 9 | 37-8-H104 |
| Dummy spindle, for brake drum | 1 | G80, G90, G90C | 1 9 | 37-8-H104 |
| Dummy spindle, for brake drum | 1 | X | 1 9 | 36-2-H104 |
| Washer, for dummy spindle | 1 | G2MC, G3, G3C, G4, G5 | 2 | STD-176 |
| Washer, for dummy spindle | 1 | G80, G90, G90C | 2 | STD-176 |
| Washer, for dummy spindle | 1 | X | 1 | STD-182 |
| Nut, for dummy spindle | 1 | G2MC, G3, G3C, G4, G5 | 5 | STD-229 |
| Nut, for dummy spindle | 1 | G80, G90, G90C | 5 | STD-229 |
| Nut, for dummy spindle | 1 | X | 6 | STD-231 |
| Sleeve nut, fixing wheel to drum | 3 | G2MC, G3, G3C, G4, G5 | 2 3 | 11916-1 |
| Sleeve nut, fixing wheel to drum | 3 | G80, G90, G90C | 2 3 | 11916-1 |
| Sleeve nut, fixing wheel to drum | 3 | X | 2 9 | 16269-1 |
| (A) 52 teeth, 1/2" by .305" | | | | |
| (B) Includes centre, fitted, with driving studs. | | | | |
| (C) 50 teeth, 1/2" by .305" | | | | |
| (D) 42 teeth, 3/8" by .380" | | | | |
| (E) 43 teeth, 5/8" by .380" | | | | |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

TYRES ARE NOT LISTED BUT CAN BE SUPPLIED AT MANUFACTURERS' PRICES CURRENT ON DAY OF DELIVERY.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|------------------------------------|------|---------------------|-------------|--------------|
| FRONT BRAKE COVER PLATES. | | | | |
| Cover plate, for brake shoes | 1 | G2, G2M, G7 | £ 5 1* | 38-FBH-1-A |
| Cover plate, for brake shoes | 1 | G2MC | 12 0 | 38-12-B60 |
| Cover plate, for brake shoes | 1 | G3, G3C, G4, G5 | 12 0 | 38-8-B60 |
| Cover plate, for brake shoes | 1 | G80, G90, G90C, X | 12 0 | 38-8-B60 |
| Spacer, between plate and fork end | 1 | G2, G2M, G7 | 5* | 38-FBH-19 |
| Spacer, between plate and fork end | 1 | G2MC | 2 | 29-01 |
| Nut, between plate and fork end | 1 | G3, G3C, G4, G5 | 3 | STD-2 |
| Nut, between plate and fork end | 1 | G80, G90, G90C, X | 3 | STD-2 |
| Washer, thin, inside cover plate | 1 | G2MC | 1 | STD-166 |
| Washer, thick, inside cover plate | 1 | G2MC | 2 | 20871 |
| Anchor bolt, for cover plate | 1 | G3, G3C, G4, G5 | 4 | D8-B2862 |
| Anchor bolt, for cover plate | 1 | G80, G90, G90C, X | 4 | D8-B2862 |
| Washer, for anchor bolt | 1 | G3, G3C, G4, G5 | 1 | STD-193 |
| Washer, for anchor bolt | 1 | G80, G90, G90C, X | 1 | STD-193 |
| Nut, for anchor bolt | 1 | G3, G3C, G4, G5 | 2 | STD-3 |
| Nut, for anchor bolt | 1 | G80, G90, G90C, X | 2 | STD-3 |
| Thin lock nut, for anchor bolt | 1 | G3, G3C, G4, G5 | 2 | STD-73 |
| Thin lock nut, for anchor bolt | 1 | G80, G90, G90C, X | 2 | STD-73 |
| Grease nipple, for expander bush | 1 | All but G2, G2M, G7 | 2 | STD-51 |
| Plug screw, for brake cover plate | 1 | G2, G2M, G7 | 7* | 38-FBH-1-B |
| Plug screw, for brake cover plate | 1 | All but G2, G2M, G7 | 10 | 38-12-B62 |

The above plug screw is only used when a speedometer having front wheel internal drive is NOT fitted.

REAR BRAKE COVER PLATES.

| | | | | |
|------------------------------------|---|-----------------------|---------------|------------|
| Cover plate, for brake shoes | 1 | G2, G2M, G7 | 5 3* | 38-RBH-24A |
| Cover plate, for brake shoes | 1 | G2MC, G3, G3C, G4, G5 | 13 0 | 37-8-B20 |
| Cover plate, for brake shoes | 1 | G80, G90, G90C | 13 0 | 37-8-B20 |
| Cover plate, for brake shoes | 1 | X | 13 0 | 36-2-B20 |
| Spacer, between plate and fork end | 1 | X | 4 | 38-2A-B54 |
| Spacer, inside cover plate | 1 | G2MC, G3, G3C, G4, G5 | 3 | 37-8-B54 |
| Spacer, inside cover plate | 1 | G80, G90, G90C | 3 | 37-8-B54 |
| Anchor bolt, for cover plate | 1 | G2, G2M, G7 | 5 | 36-12-B7 |
| Anchor bolt, for cover plate | 1 | G2MC, G3, G3C, G4, G5 | 5 | 37-8-B7 |
| Anchor bolt, for cover plate | 1 | G80, G90, G90C | 5 | 37-8-B7 |
| Anchor bolt, for cover plate | 1 | X | 4 | 4166 |
| Washer, for anchor bolt | 1 | G2, G2M, G7 | 1 | STD-174 |
| Nut, for anchor bolt | 1 | G2, G2M, G7 | 2 | STD-4 |
| Nut, for anchor bolt | 1 | G2MC, G3, G3C, G4, G5 | 2 | STD-3 |
| Nut, for anchor bolt | 1 | G80, G90, G90C, X | 2 | STD-3 |
| Lock nut, for anchor bolt | 1 | All but G2, G2M, G7 | 2 | STD-73 |
| Split pin, for anchor bolt | 1 | All but X | $\frac{1}{2}$ | STD-14 |
| Split pin, for anchor bolt | 1 | X | 1 | STD-6 |
| Grease nipple, for expander bush | 1 | G2, G2M, G7 | 2* | 38-FBH-3A |
| Grease nipple, for expander bush | 1 | All but G2, G2M, G7 | 2 | STD-51 |

REAR BRAKE SHOES AND OPERATING PARTS.

| | | | | |
|--|-------|-----------------------|-------|------------|
| Brake shoes, with linings, per pair | 1 | G2, G2M, G7 | 7 4* | 38-RBH-30 |
| Brake shoes, with linings, per pair | 1 | G2MC, G3, G3C, G4, G5 | 9 0 | 39-8-B71A |
| Brake shoes, with linings, per pair | 1 | G80, G90, G90C | 9 0 | 39-8-B71A |
| Brake shoes, with linings, per pair | 1 | X | 11 6 | 39-2-B71A |
| Brake shoe, with lining, front position | 1 | G2MC, G3, G3C, G4, G5 | 4 6 | 39-8-B71AF |
| Brake shoe, with lining, front position | 1 | G80, G90, G90C | 4 6 | 39-8-B71AF |
| Brake shoe, with lining, front position | 1 | X | 5 9 | 39-2-B71AF |
| Brake shoe, with lining, rear position | 1 | G2MC, G3, G3C, G4, G5 | 4 6 | 39-8-B71AR |
| Brake shoe, with lining, rear position | 1 | G80, G90, G90C | 4 6 | 39-8-B71AR |
| Brake shoe, with lining, rear position | 1 | X | 5 9 | 39-2-B71AR |
| Brake linings, with rivets, per pair | 1 | G2, G2M, G7 | 3 11* | 38-RBH-51 |
| Brake linings, with rivets, per pair | 1 | G2MC, G3, G3C, G4, G5 | 3 0 | 3863-2 |
| Brake linings, with rivets, per pair | 1 | G80, G90, G90C | 3 0 | 3863-2 |
| Brake linings, with rivets, per pair | 1 | X | 4 6 | 3863-1 |
| Rivets, only, for brake linings, per set | 1 | All but G2, G2M, G7 | 3 | STD-106 |
| Thrust pin, for brake shoes | 2 | All but G2, G2M, G7 | 7 | 39-8-B73 |
| Packing washer, for thrust pin | Q | All but G2, G2M, G7 | 1 | STD-174 |
| Spring, for brake shoes | 2 | G2, G2M, G7 | 3* | 38-RBH-32 |
| Spring, for brake shoes | 2 | All but G2, G2M, G7 | 2 | 16485 |
| Expander, for brake shoes | (G) 1 | G2, G2M, G7 | 2 2* | 38-RBH-28 |
| Expander, for brake shoes | 1 | G2MC, G3, G3C, G4, G5 | 3 3 | 36-8-B51 |
| Expander, for brake shoes | 1 | G80, G90, G90C | 3 3 | 36-8-B51 |
| Expander, for brake shoes | 1 | X | 3 6 | 182-2 |
| Washer, for expander | 1 | G2, G2M, G7 | 1* | 38-RBH-28A |
| Washer, for expander | 1 | G2MC, G3, G3C, G4, G5 | 1 | STD-174 |
| Washer, for expander | 1 | G80, G90, G90C | 1 | STD-174 |
| Washer, for expander | 1 | X | 1 | STD-10 |
| Nut, for expander | 1 | G2, G2M, G7 | 2* | 38-RBH-28B |
| Nut, for expander | 1 | G2MC, G3, G3C, G4, G5 | 2 | STD-4 |
| Nut, for expander | 1 | G80, G90, G90C | 2 | STD-4 |
| Nut, for expander | 1 | X | 2 | STD-3 |
| Lever, for brake expander | 1 | G2, G2M, G7 | 2 4* | 38-RBH-27 |
| Lever, for brake expander | 1 | G2MC, G3, G3C, G4, G5 | 2 9 | 37-G3-B30 |
| Lever, for brake expander | 1 | G80, G90, G90C | 2 9 | 37-G3-B30 |
| Lever, for brake expander | 1 | X | 3 3 | 38-2A-B60 |

(G) Includes washer and nut.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|-------|---------------------|-------------|--------------|
| FRONT BRAKE SHOES AND OPERATING PARTS. | | | | |
| Brake shoes, with linings, per pair | 1 | G2, G2M, G7 | 5 6* | 38-FBH-7 |
| Brake shoes, with linings, per pair | 1 | G2MC | 7 4 | 39-12-B71A |
| Brake shoes, with linings, per pair | 1 | G3, G3C, G4, G5 | 9 0 | 39-8-B71A |
| Brake shoes, with linings, per pair | 1 | G80, G90, G90C, X | 9 0 | 39-8-B71A |
| Brake shoe, with lining, front position | 1 | G2MC | 3 8 | 39-12-B71AF |
| Brake shoe, with lining, front position | 1 | G3, G3C, G4, G5 | 4 6 | 39-8-B71AF |
| Brake shoe, with lining, front position | 1 | G80, G90, G90C, X | 4 6 | 39-8-B71AF |
| Brake shoe, with lining, rear position | 1 | G2MC | 3 8 | 39-12-B71AR |
| Brake shoe, with lining, rear position | 1 | G3, G3C, G4, G5 | 4 6 | 39-8-B71AR |
| Brake shoe, with lining, rear position | 1 | G80, G90, G90C, X | 4 6 | 39-8-B71AR |
| Brake shoe, with lining, rear position | 1 | G2, G2M, G7 | 3 0* | 38-FBH-8 |
| Brake linings, with rivets, per pair | 1 | G2MC | 2 6 | 3836-3 |
| Brake linings, with rivets, per pair | 1 | G3, G3C, G4, G5 | 3 0 | 3836-2 |
| Brake linings, with rivets, per pair | 1 | G80, G90, G90C, X | 3 0 | 3836-2 |
| Rivets, only, for linings, per set | 16 | G2MC | 3 | STD-105 |
| Rivets, only, for linings, per set | 16 | G3, G3C, G4, G5 | 3 | STD-106 |
| Rivets, only, for linings, per set | 16 | G80, G90, G90C, X | 3 | STD-106 |
| Thrust pin, for brake shoes | 2 | G2MC | 7 | 39-12-B73 |
| Thrust pin, for brake shoes | 2 | G3, G3C, G4, G5 | 7 | 39-8-B73 |
| Thrust pin, for brake shoes | 2 | G80, G90, G90C, X | 7 | 39-8-B73 |
| Packing washer, for thrust pin | Q | G2MC | 1 | 39-12-B74 |
| Packing washer, for thrust pin | Q | G3, G3C, G4, G5 | 1 | STD-174 |
| Packing washer, for thrust pin | Q | G80, G90, G90C, X | 1 | STD-174 |
| Spring, for brake shoes | 2 | G2, G2M, G7 | 3* | 38-FBH-9 |
| Spring, for brake shoes | 2 | G2MC | 2 | 20408 |
| Spring, for brake shoes | 2 | G3, G3C, G4, G5 | 2 | 16485 |
| Spring, for brake shoes | 2 | G80, G90, G90C, X | 2 | 16485 |
| Expander, for brake shoes | (F) 1 | G2, G2M, G7 | 2 2* | 38-FBH-5 |
| Expander, for brake shoes | 1 | G3, G3C, G4, G5 | 3 3 | 36-8-B51 |
| Expander, for brake shoes | 1 | G2MC | 2 6 | 36-12-B51 |
| Expander, for brake shoes | 1 | G80, G90, G90C, X | 3 3 | 36-8-B51 |
| Washer, for expander | 1 | G2, G2M, G7 | 1* | 38-FBH-4-2 |
| Washer, for expander | 1 | All but G2, G2M, G7 | 1 | STD-174 |
| Nut, for expander | 1 | G2, G2M, G7 | 2* | 38-FBH-4-1 |
| Nut, for expander | 1 | All but G2, G2M, G7 | 2 | STD-4 |
| Lever, for brake expander | 1 | G2, G2M, G7 | 2 4* | 38-FBH-4 |
| Lever, for brake expander | 1 | G2MC | 3 0 | 37-12-B65 |
| Lever, for brake expander | 1 | G3, G3C, G4, G5 | 3 3 | 16299 |
| Lever, for brake expander | 1 | G80, G90, G90C, X | 3 3 | 16299 |

(F) Price includes washer and nut.

REAR BRAKE OPERATING GROUP.

| | | | | |
|-------------------------------------|-------|------------------------|------|-----------|
| Foot pedal | 1 | G2, G2M, G2MC, G7, G5 | 7 6 | 37-G3-B1 |
| Foot pedal | 1 | G3, G3C, G4, G90, G90C | 7 6 | 37-G3-B1 |
| Foot pedal | 1 | G80 | 7 6 | 37-G8-B1 |
| Foot pedal | 1 | X | 10 6 | 38-X-B1 |
| Bush, for foot pedal | 1 | All Models | 6 | 37-G3-B3 |
| Grease nipple, for foot pedal | 1 | All Models | 6 | STD-54 |
| Spindle, for foot pedal | 1 | All except X | 9 | 37-G3-B2 |
| Spindle, for foot pedal | 1 | X | 8 | STD-430 |
| Spacer, for foot pedal spindle | 1 | All Models | 3 | STD-632 |
| Plain washer, for pedal spindle | 1 | All Models | 1 | STD-9 |
| Spring washer, for pedal spindle | 1 | All Models | 1 | STD-194 |
| Nut, for pedal spindle | 1 | All Models | 3 | STD-2 |
| Adjusting bolt, for foot pedal | 1 | All Models | 4 | STD-345 |
| Lock nut, for adjusting bolt | 1 | All Models | 2 | STD-5 |
| Spring, for brake foot pedal | 1 | All Models | 6 | 37-G3-B8 |
| Brake rod, bare | (H) 1 | G2, G2M, G7 | 2 0 | 37-G7-B5A |
| Brake rod, bare | 1 | G3, G4, G5, G80, G90 | 3 0 | 37-G3C-B5 |
| Brake rod, bare | 1 | G2MC, G3C, G90C, X | 1 6 | 38-X-B5 |
| Adjusting clip, for rod (rear end) | 1 | All but G2, G2M, G7 | 1 6 | 11772 |
| Pin, for adjusting clip | 1 | All but G2, G2M, G7 | 3 | STD-736 |
| Split pin, for adjusting clip pin | 1 | All but G2, G2M, G7 | 1 | STD-14 |
| Adjusting nut, for brake rod | 1 | G2, G2M, G7 | 7* | 38-RBH-43 |
| Adjusting nut, for brake rod | 1 | G2MC, G3, G3C, G4, G5 | 1 9 | STD-615 |
| Adjusting nut, for brake rod | 1 | G80, G90, G90C | 1 9 | STD-615 |
| Adjusting nut, for brake rod | 1 | X | 1 3 | 38-12-B29 |
| Crosshead, for expander lever | 1 | G2, G2M, G7 | 5* | 38-RBH-44 |
| Spring, for brake rod | 1 | G3, G4, G5, G80, G90 | 3 | 36-G3-B18 |
| Spring, for brake rod | 1 | G2MC, G3C, G90C, X | 3 | 20791 |
| Washer, for brake rod spring | 1 | All but G2, G2M, G7 | 2 | STD-178 |
| Yoke end, for brake rod (front end) | 1 | All but G2, G2M, G7 | 10 | STD-735 |
| Pin, for front yoke end | 1 | All but G2, G2M, G7 | 3 | STD-736 |
| Split pin, for yoke end pin | 1 | All but G2, G2M, G7 | 1 | STD-14 |

(H) Only supplied complete with yoke end for front end of rod.

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THE HOLE IN THE TANK INSTRUMENT PANEL (COVERED BY A PLATED BLANK CAP) IS INTENDED TO ACCOMMODATE A SMITH EIGHT DAY WATCH. THIS ONLY COSTS £1 - 10 - 0.* - YOUR DEALER OR WE CAN SUPPLY.

ELECTRICAL SECTION.

| Description, | Qty. | Used on. | Price Each. | Part Number. | | |
|--|------|------------------------|----------------|-----------------|------------|---------|
| COIL IGNITION GROUP. | | | | | | |
| | | | £ | s. d. | | |
| Coil only | 1 | G2, G5, G7 | 15 | 0* | MIL-221 | |
| Band clip, for coil | 1 | G2, G5, G7 | 1 | 3 | 37-12-E307 | |
| Screw, for coil band clip | 1 | G2, G5, G7 | 1 | 1 | STD-40 | |
| Nut, for band clip screw | 1 | G2, G5, G7 | 2 | 2 | STD-24 | |
| Clamping stud, for distributor unit | 1 | G2, G5, G7 | 2 | 2 | STD-250 | |
| Washer, for distributor clamping stud | 1 | G2, G5, G7 | 1 | 1 | STD-190 | |
| Nut, for distributor clamping stud | 1 | G2, G5, G7 | 1 | 1 | STD-80 | |
| Distributor cover, with condenser | 1 | G2, G5, G7 | 6 | 0* | MIL-LC1 | |
| Post and blade, for distributor cover | 1 | G2, G5, G7 | 1 | 0* | MIL-9 | |
| Cam, for contact breaker | 1 | G2, G5, G7 | 3 | 0* | MIL-11 | |
| Screw (and washer), for breaker cam | 1 | G2, G5, G7 | 3 | 3* | MIL-12 | |
| Contact breaker base, with point | 1 | G2, G5, G7 | 7 | 6* | MIL-10 | |
| Screw (and washer), for breaker base | 1 | G2, G5, G7 | 2 | 2* | MIL-13 | |
| Rocker arm, with contact point | 1 | G2, G5, G7 | 3 | 0* | MIL-13 | |
| Screwed contact breaker point, with nut | 1 | G2, G5, G7 | 1 | 9* | MIL-14 | |
| MAGNETO GROUP. (MODELS G2M, G2MC, G3, G3C, G4, G80, G90 AND G90C). | | | | | | |
| Magneto, complete, Lucas N-1, Type L4 | 1 | All as above | 4 | 2 | 6* | 454-116 |
| High tension pick-up, complete | 1 | All as above | 2 | 3* | 454-205 | |
| Carbon brush and spring, for pick-up | 1 | All as above | 6* | 6* | 451-260 | |
| Acorn nut, for pick-up | 1 | All as above | 4* | 4* | 451-710 | |
| Cover, for contact breaker | 1 | All as above | 1 | 3* | M2648-1-CP | |
| Contact breaker, complete | 1 | All as above | 10 | 8* | MLCB-1 | |
| Contact breaker point set | 1 | All as above | 3 | 0* | 484-098 | |
| Bolt, fixing magneto to platform, right | 2 | All as above | 3 | 3 | STD-341 | |
| Bolt, fixing magneto to platform, left | 2 | All as above | 3 | 3 | STD-340 | |
| Washer, for platform fixing bolt | 4 | All as above | 1 | 1 | STD-12 | |
| Magneto platform | 1 | G2M, G2MC, G3, G3C, G4 | 4 | 6 | 37-G3-E76 | |
| Magneto platform | 1 | G80, G90, G90C | 4 | 6 | 39-G9-E76 | |
| Nut, left, for front platform support | 1 | All as above | 2 | 2 | STD-4 | |
| Nut, right, for front platform support | 1 | All as above | 9 | 9 | 35-G3-E56 | |
| MAGNETO GROUP. (MODEL X). | | | | | | |
| Magneto, complete, Lucas Type KNV/AO | 1 | X | 5 | 10 | 0* | 454-938 |
| High tension pick-up, front, complete | 1 | X | 2 | 3* | 463-058 | |
| High tension pick-up, rear, complete | 1 | X | 2 | 3* | 463-066 | |
| Carbon brush and spring, for pick-up | 2 | X | 6* | 6* | 451-260 | |
| Cover, for contact breaker | 1 | X | 2 | 0* | M325-4 | |
| Contact breaker, complete | 1 | X | 14 | 3* | 470-534 | |
| Contact breaker point set | 1 | X | 4 | 0* | ST-78 | |
| Platform, for magneto | 1 | X | 4 | 0 | 37-X-E76 | |
| Bolt, fixing magneto to platform | 4 | X | 4 | 4 | STD-400 | |
| Bolt, fixing front of platform to frame | 4 | X | 6 | 6 | 37-X-F12 | |
| Washer, for front bolt | 4 | X | 1 | 1 | STD-11 | |
| Spacer, for front bolt, 1 $\frac{3}{8}$ " long | 1 | X | 2 | 2 | MF-8 | |
| Spacer, for front bolt, 1 $\frac{1}{2}$ " long | 1 | X | 2 | 2 | LM-15 | |
| Spacer, for front bolt, $\frac{11}{16}$ " long | 1 | X | 3 | 3 | 37-X-F77 | |
| Spacer, for front bolt, 2 $\frac{1}{4}$ " long | 1 | X | 3 | 3 | L4M-133 | |
| Nut, for front bolt | 2 | X | 2 | 2 | STD-4 | |
| Magneto shield | 1 | X | 2 | 6 | 37-X-E290 | |
| Bolt, fixing magneto shield | 2 | X | 2 | 2 | STD-70 | |
| Nut, for shield fixing bolt | 2 | X | 2 | 2 | STD-5 | |
| 37-X-F12 bolt is 8 $\frac{1}{2}$ " long, $\frac{5}{16}$ " diameter. | | | | | | |
| For the bolt, spacers, washers and nuts, retaining the rear of the magneto platform, see the Crankcase Bolt Group. | | | | | | |
| VOLTAGE CONTROL UNIT GROUP. | | | | | | |
| Voltage control unit, complete, Miller | 1 | G2, G5, G7 | 17 | 6* | MIL-CV-1 | |
| Voltage control unit, complete, Lucas | 1 | All but G2, G5, G7 | 1 | 1 | 0* | 390-706 |
| Bracket, for control unit | 1 | G2, G5, G7 | 1 | 6 | 36-12-T60A | |
| Bracket, for control unit | 1 | All but G2, G5, G7, X | 1 | 6 | 37-G3-T60A | |
| Screw, fixing unit to bracket | 2 | G2, G5, G7 | 1 | 1 | STD-150 | |
| Bolt, fixing unit to bracket | 2 | All but G2, G5, G7, X | 2 | 2 | STD-70 | |
| Washer, for unit fixing screw | 2 | G2, G5, G7 | 1 | 1 | STD-190 | |
| Washer, for unit fixing bolt | 2 | All but G2, G5, G7, X | 1 | 1 | STD-12 | |
| Nut, for unit fixing screw | 2 | G2, G5, G7 | 1 | 1 | STD-80 | |
| Nut, for unit fixing bolt | 2 | All but G2, G5, G7, X | 2 | 2 | STD-5 | |
| Bolt, fixing bracket to oil tank | 2 | All except X | 2 | 2 | STD-70 | |
| Washer, for bracket fixing bolt | 2 | All except X | 1 | 1 | STD-12 | |
| Bolt, fixing bracket to battery carrier | 2 | X | 2 | 2 | STD-70 | |
| Washer, for unit fixing bolt | 2 | X | 1 | 1 | STD-12 | |
| Nut, for unit fixing bolt | 2 | X | 2 | 2 | STD-5 | |

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| Description. | Qty. | Used on. | Price Each. | Part Number. |
|---|-------|------------------------|-------------|--------------|
| DYNAMO GROUP. | | | | |
| Dynamo, complete, Miller, Type DVR | 1 | G2, G5, G7 | £ 2 10 0* | 20863 |
| Dynamo, complete, Lucas, Type E3HM/O/LO | 1 | G2M, G2MC, G3, G3C, G4 | 2 15 0* | 200-285 |
| Dynamo, complete, Lucas, Type E3HM/O/LO | 1 | G80, G90, G90C | 2 15 0* | 200-285-1 |
| Dynamo, complete, Lucas, Type E3HM/O/LO | 1 | X | 2 15 0* | 200-285 |
| Support ring, for dynamo | 1 | X | 9 | 37-X-E282 |
| Brush set, for Miller dynamo | 1 | G2, G5, G7 | 3 6* | MIL-36/37 |
| Brush set, for Lucas dynamo | 1 | All but G2, G5, G7 | 2 0* | 200-290 |
| Locating plate, for dynamo | (C) 1 | G2, G5, G7 | 9 | FE-180 |
| Locating plate, for dynamo | (C) 1 | G2M, G2MC, G3, G3C, G4 | 9 | 35-G3-E275 |
| Locating plate, for dynamo | (C) 1 | G80, G90, G90C | 9 | 39-G9-E275 |
| Locating plate, for dynamo | (C) 1 | X | 9 | 37-X-E275 |
| Screw, fixing locating plate | 1 | G2, G5, G7 | 3 | STD-348 |
| Screw, fixing locating plate | 1 | G2M, G2MC, G3, G3C, G4 | 2 | STD-44 |
| Screw, fixing locating plate | 1 | X | 2 | STD-44 |
| Screw, fixing locating plate | 2 | G80, G90, G90C | 2 | STD-44 |
| Washer, for locating plate screw | 1 | G2, G5, G7 | 1 | STD-12 |
| Washer, for locating plate screw | 1 | G2M, G2MC, G3, G3C, G4 | 2 | STD-178 |
| Washer, for locating plate screw | 1 | X | 2 | STD-178 |
| Washer, for locating plate screw | 2 | G80, G90, G90C | 2 | STD-178 |
| Strap, clamping dynamo | 1 | G2, G5, G7 | 1 6 | STD-790 |
| Strap, clamping dynamo | 1 | G2M, G2MC, G3, G3C, G4 | 1 6 | FE-76 |
| Strap, clamping dynamo | 1 | G80, G90, G90C | 1 6 | FE-76 |
| Strap, clamping dynamo | 1 | X | 1 6 | 36-20-E281 |
| Bush, for dynamo clamping strap | (D) 1 | X | 3 | 4026-L |
| Hinge pin, for clamping strap | 1 | G2, G2M, G2MC, G3, G3C | 4 | STD-791 |
| Hinge pin, for clamping strap | 1 | G4, G5, G7 | 4 | STD-791 |
| Hinge pin, for clamping strap | 1 | G80, G90, G90C | 4 | 39-G9-E282 |
| Hinge pin, for clamping strap | 1 | X | 4 | STD-278 |
| Spacer, on hinge pin | (E) 1 | X | 3 | 4026-L |
| Bolt, tightening, for clamping strap | 1 | All Models | 9 | 35-G3-E280 |
| Spacer, on strap tightening bolt | 2 | X | 2 | LM-75-R |
| Crosshead, for tightening bolt | 1 | G2, G5, G7 | 9 | 36-G2A-E279 |
| Crosshead, for tightening bolt | 1 | G2M, G2MC, G3, G3C, G4 | 9 | 35-G3-E279 |
| Crosshead for tightening bolt | 1 | G80, G90, G90C | 9 | 39-G9-E279 |
| Crosshead for tightening bolt | 1 | X | 9 | 36-20-E279 |
| Spacer, on crosshead | (F) 2 | X | 3 | 36-20-E283 |
| Washer, for crosshead | 2 | X | 1 | STD-11 |
| Nut, for crosshead | 2 | X | 2 | STD-4 |

(B) This plate is positioned midway between the two engine plates and encircles the dynamo.

(C) This is a slightly curved plate screwed to the dynamo body.

(D) This fits in the forward eye of the dynamo clamping strap.

(E) This spacer fits on the hinge pin and is between the dynamo support ring and the right side engine plate.

(F) This spacer fits on the circular portion of the square crosshead and is between the dynamo support plate and the right side engine plate.

BATTERY GROUP.

| | | | | |
|-------------------------------------|---|--------------------|-------|------------|
| Battery, complete with lid. (Lucas) | 1 | All but G2, G5, G7 | 19 0* | PUW-7E |
| Battery, complete with lid. (Exide) | 1 | G2, G5, G7 | 19 3* | B-612 |
| Lid, only, for Lucas battery | 1 | All but G2, G5, G7 | 1 3* | S-2171-1-B |
| Lid, only, for Exide battery | 1 | G2, G5, G7 | 2 0* | EX-188 |

HEAD LAMPS.

ALL "COMPLETE" LAMPS ARE COMPLETE WITH BULB.

| | | | | |
|-----------------------------------|---|--------------------|--------|-----------|
| Complete lamp, Miller Type 90E | 1 | G2, G5, G7 | 1 7 6* | MIL-90-E |
| Complete lamp, Lucas Type D-142-F | 1 | G2M, G3, G4, X | 2 5 0* | 515-635 |
| Complete lamp, Lucas Type D-142-F | 1 | G80, G90 | 2 5 0* | 515-635 |
| Complete lamp, Lucas Type D-42-R | 1 | G2MC, G3C, G90C | 2 7 6* | 515-669 |
| Outer shell, bare, black | 1 | G2, G5, G7 | 8 6* | MIL-109 |
| Outer shell, bare, black | 1 | G2M, G3, G4, X | 16 6* | 515-517 |
| Outer shell, bare, black | 1 | G80, G90 | 16 6* | 515-517 |
| Outer shell, bare, black | 1 | G2MC, G3C, G90C | 10 0* | 515-527 |
| Outer shell, bare, plated | 1 | G2, G5, G7 | 6 0* | MIL-101 |
| Front rim, bare, plated | 1 | G2M, G3, G4, X | 7 3* | 515-172 |
| Front rim, bare, plated | 1 | G80, G90 | 7 3* | 515-172 |
| Front rim, bare, plated | 1 | G2MC, G3C, G90C | 5 9* | LR-432 |
| Glass, only | 1 | G2, G5, G7 | 1 3* | MIL-102 |
| Glass, only | 1 | G2M, G3, G4, X | 2 6* | NC-305-37 |
| Glass, only | 1 | G80, G90 | 2 0* | NC-305-37 |
| Glass, only | 1 | G2MC, G3C, G90C | 1 6* | NC-13-110 |
| Reflector, only | 1 | G2, G5, G7 | 8 6* | MIL-106 |
| Reflector, only | 1 | G2M, G3, G4, X | 8 0* | 515-140 |
| Reflector, only | 1 | G80, G90 | 8 0* | 515-140 |
| Reflector, only | 1 | G2MC, G3C, G90C | 6 3* | NB-398-36 |
| Main bulb, 6 volts, 24 x 24 Watts | 1 | All Models | 2 9* | 70 |
| Pilot bulb, 6 Volts, 3 Watts | 1 | All Models | 1 0* | 200 |
| Bolt, fixing lamp to brackets | 2 | G2, G5, G7 | 4* | MIL-110 |
| Bolt, fixing lamp to brackets | 2 | All but G2, G5, G7 | 1* | 106-791 |
| Washer, for lamp fixing bolt | 2 | G2, G5, G7 | 1* | MIL-111 |
| Washer, for lamp fixing bolt | 2 | All but G2, G5, G7 | 2½* | 137-141 |

"FRONT RIM, BARE" does not include the glass.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--------------------------------|------|--------------------|-------------|--------------|
| HEAD LAMP BRACKETS. | | | | |
| Lamp stay (or bracket), top | 2 | G2, G2M, G2MC, G7 | 6 | DFE-74 |
| Lamp stay (or bracket), top | 2 | G3, G3C, G4, G5, X | 6 | FFF73 |
| Lamp stay (or bracket), top | 2 | G80, G90, G90C | 6 | FFF73 |
| Lamp stay (or bracket), bottom | 2 | G2, G2M, G2MC, G7 | 6 | FFF-73 |
| Lamp stay (or bracket), bottom | 2 | G3, G3C, G4, G5, X | 6 | 36-G3-FF73 |
| Lamp stay (or bracket), bottom | 2 | G80, G90, G90C | 6 | 36-G3-FF73 |
| Bolt fixing stays to girder | 4 | G2, G2M, G2MC, G7 | 2 | STD-70 |
| Bolt, fixing stays to girder | 4 | G3, G3C, G4, G5, X | 3 | STD-300 |
| Bolt, fixing stays to girder | 4 | G80, G90, G90C | 3 | STD-300 |
| Washer, for stay fixing bolt | 4 | G3, G3C, G4, G5, X | 1 | STD-192 |
| Washer, for stay fixing bolt | 4 | G80, G90, G90C | 1 | STD-192 |

| REAR LAMPS. | | | | |
|--|---|--------------------|------|-----------|
| Lamp, complete, Miller | 1 | G2, G5, G7 | 4 6* | 35-E-S |
| Lamp, complete, Lucas | 1 | G2M, G3, G4 | 6 6* | 526-001 |
| Lamp, complete, Lucas | 1 | G80, G90 | 6 6* | 526-001 |
| Lamp, complete, Lucas | 1 | G2MC, G3C, G90C, X | 8 6* | 526-082 |
| Portion of lamp, with glass | 1 | G2, G5, G7 | 1 9* | MIL-121 |
| Portion of lamp, with glass | 1 | G2M, G3, G4 | 2 0* | NB-438-13 |
| Portion of lamp, with glass | 1 | G80, G90 | 2 0* | NB-438-13 |
| Portion of lamp, with glass | 1 | G2MC, G3C, G90C, X | 3 0* | 526-113 |
| Portion of lamp, with bulb holder | 1 | G2, G5, G7 | 2 0* | MIL-122 |
| Portion of lamp, with bulb holder | 1 | G2M, G3, G4 | 4 3* | NB-438-14 |
| Portion of lamp, with bulb holder | 1 | G80, G90 | 4 3* | NB-438-14 |
| Portion of lamp, with bulb holder | 1 | G2MC, G3C, G90C, X | 4 6* | 526-111 |
| Bulb, (rear lamp) 6 Volts, 3 Watts | 1 | All Models | 1 0* | 200 |
| Screw, fixing lamp to plate (with nut) | 3 | G2, G5, G7 | 2* | MIL-121-A |
| Screw, fixing lamp to plate | 3 | All but G2, G5, G7 | 1* | 106-460 |
| Nut, for lamp fixing screw | 3 | All but G2, G5, G7 | 1* | 164-334 |

THE PRICE OF "PORTION OF LAMP, WITH BULB HOLDER" DOES NOT INCLUDE THE BULB.

INSPECTION LAMPS.

THE FOLLOWING LAMPS ARE COMPLETE AND INCLUDE THE BULB AND EXTENSION CABLES.

| | | | | |
|--------------------------------------|---|------------------|------|---------|
| Inspection lamp, Pin fitting | 1 | G2M, G3, G4, G80 | 6 6* | 545-035 |
| Inspection lamp, Pin fitting | 1 | G90, X | 6 6* | 545-035 |
| Inspection lamp, Bayonet fitting | 1 | G2M, G3, G4, G80 | 6 6* | 545-215 |
| Inspection lamp, Bayonet fitting | 1 | G90, X | 6 6* | 545-215 |
| Bulb, (Inspection), 6 Volts, 3 Watts | 1 | G2M, G3, G4, G80 | 1 0* | 200 |
| Bulb, (Inspection), 6 Volts, 3 Watts | 1 | G90, X | 1 0* | 200 |

SWITCHES.

| | | | | |
|---------------------------------------|---|--------------------|------|----------|
| Lighting switch (In panel) | 1 | G2, G5, G7 | 8 0* | C-17-ECV |
| Lighting switch (In panel) | 1 | G2M, G3, G4 | 8 3* | 351-552 |
| Lighting switch (In panel) | 1 | G80, G90, X | 8 3* | 351-552 |
| Lighting switch (In headlamp) | 1 | G2MC, G3C, G90C | 5 6* | 351-551 |
| Handle, only, for switch (With screw) | 1 | G2, G5, G7 | 9* | MIL-128 |
| Handle, only, for switch (With screw) | 1 | All but G2, G5, G7 | 9* | 351-567 |
| Ignition key, only, for switch | 1 | G2, G5, G7 | 3* | MIL-128 |
| Dip switch, for handlebar, complete | 1 | All Models | 3 9* | 380-057 |
| Horn switch, complete, for handlebar | 1 | All Models | 1 9* | DF-10 |

ELECTRIC HORNS.

| | | | | |
|-------------------------------|---|----------------|--------|----------|
| Electric horn, (Clearhooter) | 1 | G2, G2M, G2MC | 12 6* | HF-250-C |
| Electric horn, (Clearhooter) | 1 | G5, G7 | 12 6* | HF-250-C |
| Electric horn, (Clearhooter) | 1 | G3, G3C, G4 | 1 0 0* | HF-500-C |
| Electric horn, (Clearhooter) | 1 | G80, G90, G90C | 1 0 0* | HF-500-C |
| Electric horn, (Lucas-HF-934) | 1 | X | 1 5 0* | 700-330 |

BRACKETS FOR ELECTRIC HORNS.

| | | | | |
|--------------------------------------|-------|-------------------|------|-----------|
| Support bracket, for horn | 1 | G2, G2M, G2MC, G3 | 1 0 | 35-G3-EQ3 |
| Support bracket, for horn | 1 | G3C, G4, G5, G7 | 1 0 | 35-G3-EQ3 |
| Support bracket, for horn | 1 | G80, G90, G90C | 1 0 | 29-G3-EQ3 |
| Bolt, fixing bracket to frame | 2 | G80, G90, G90C | 3 | STD-300 |
| Washer, for bracket fixing bolt | 2 | G80, G90, G90C | 1 | STD-193 |
| Bolt, fixing horn to support bracket | 1 | All except X | 4 | STD-413 |
| Bolt, fixing horn to tank bracket | 1 | X | 4 | STD-413 |
| Washer, for horn fixing bolt | 1 | All Models | 1 | STD-193 |
| Nut, for horn fixing bolt | 1 | All Models | 2 | STD-3 |
| Bracket, for Lucas horn | (G) 1 | X | 2 0* | 700-332 |

(G) This encircles the horn.

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

DAMAGE IN TRANSIT.

Our responsibility ceases when goods leave our works, and claims must be made on carriers in the event of damage occurring in transit. Any such damage should be immediately reported.

NOTE.—By Railway Companies special regulations, unless damage in transit is reported within three days from receipt of goods, no claim can be entertained.

Goods not unpacked at the time of receipt should always be signed for as "Unexamined."

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|------|--------------------|-------------|--------------|
| ELECTRICAL SUNDRIES. | | | | |
| Ammeter, complete (in panel) | 1 | G2, G5, G7 | 7 0* | MIL-75-V |
| Ammeter, complete (in panel) | 1 | G2M, G3, G4 | 8 6* | 369-075 |
| Ammeter, complete (in panel) | 1 | G80, G90, X | 8 6* | 369-075 |
| Ammeter, complete (in headlamp) | 1 | G2MC, G3C, G90C | 6 6* | 364-455 |
| Warning lamp, complete, for panel | 1 | G2, G5, G7 | 5 0* | MIL-223 |
| Bulb, warning lamp, 6 Volts, .1 Amp. | 1 | G2, G5, G7 | 3* | ELB-4-8 |
| Electric cable, single, per foot | Q | All Models | 1 | ELC |
| Electric cable, triple, per foot | Q | All Models | 1 | ELC-3 |
| Plug connector for rear lamp wire | 1 | G2, G5, G7 | 1 6* | MIL-58 |
| Screwed connector for rear lamp wire | 1 | All but G2, G5, G7 | 1 0* | SW-2203-A |
| Four way connector for head lamp wires | 1 | G2MC, G3C, G90C | 5 0* | 770-410 |
| Sparking plug, Lodge, Type H-53 | 1 | All except X | 7 6* | H-53 |
| Sparking plug, Lodge, Type C-14 | 2 | X | 5 0* | C-14 |
| Sparking plug cable, per foot | Q | All Models | 6 | STD-543 |
| Terminal, for plug cable | 1 | All except X | 2 | STD-541 |
| Terminal, for plug cable | 2 | X | 2 | STD-541 |

One and a quarter feet of sparking plug cable is required for single cylinder models and three feet for twin models.

ACCESSORY SECTION.

| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--------------------------------|-------|---------------------|-------------|--------------|
| INSTRUMENT PANEL GROUP. | | | | |
| Instrument panel, bare, black | 1 | G2, G5, G7 | 6 0 | 20864 |
| Instrument panel, bare, black | 1 | G3, G80 | 6 0 | 17372 |
| Instrument panel, bare, red | 1 | G2M, G4, G90, X | 6 0 | 17372-R |
| Screw, securing panel to tank | 3 | G2, G2M, G3, G4, G5 | 3 | STD-481 |
| Screw, securing panel to tank | 3 | G7, G80, G90, X | 3 | STD-481 |
| Rubber fillett, for panel | 1 | G2, G2M, G3, G4, G5 | 9 | 4286 |
| Rubber fillett, for panel | 1 | G7, G80, G90, X | 9 | 4286 |
| Cap, covering watch aperture | (A) 1 | G2, G2M, G3, G4, G5 | 1 0* | 20869-A |
| Cap, covering watch aperture | (A) 1 | G7, G80, G90, X | 1 0* | 20869-A |
| Eight day watch, for panel | (B) 1 | G2, G2M, G3, G4, G5 | 1 10 0* | 24142 |
| Eight day watch, for panel | (B) 1 | G7, G80, G90, X | 1 10 0* | 24142 |

(A) Covers watch aperture in panel when watch is not fitted.

(B) This is not a standard fitment. It is an optional extra on a new machine.

SPEEDOMETER GROUP.

THE FOLLOWING ARE "COMPLETE SPEEDOMETERS" AND INCLUDE: HEAD (WITH ELECTRIC BULB); FIXING NUTS AND WASHERS; COMPLETE DRIVING CABLE; COMPLETE SPEEDOMETER GEAR BOX WITH SMALL PINION, DRIVING PINION FOR HUB AND LOCATING RING FOR HUB PINION. (No LOCATING RING ON MODELS G2, G2M AND G7).

ALL SPEEDOMETERS HAVE INTERNALLY ILLUMINATED HEADS AND IT IS MOST ESSENTIAL TO STATE THE MODEL OF THE MACHINE WHEN ORDERING A COMPLETE SPEEDOMETER.

| | | | | |
|---------------------------------------|---|-------------|---------|--------|
| Speedometer, Non-trip, 80 Miles P.H. | 1 | All Models | 2 5 0* | SCNT-1 |
| Speedometer, Non-trip, 120 Miles P.H. | 1 | All Models* | 2 10 0* | SCNT-3 |
| Speedometer, Non-trip, 140 Kilos P.H. | 1 | All Models | 2 5 0* | SCNT-2 |
| Speedometer, Non-trip, 180 Kilos P.H. | 1 | All Models | 2 10 0* | SCNT-4 |
| Speedometer, Trip, 80 Miles P.H. | 1 | All Models | 2 10 0* | SCT-1 |
| Speedometer, Trip, 120 Miles P.H. | 1 | All Models | 2 15 0* | SCT-3 |
| Speedometer, Trip, 140 Kilos P.H. | 1 | All Models | 2 10 0* | SCT-2 |
| Speedometer, Trip, 180 Kilos P.H. | 1 | All Models | 2 15 0* | SCT-4 |

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| Description. | Qty. | Used on. | Price Each. | Part Number. |
|--|------|----------------------|-------------|------------------------|
| SPEEDOMETER PARTS. | | | | |
| Head, only, Non-trip, 50 Miles P.H. | 1 | All Models | 1 5 0* | S-114-L |
| Head, only, Non-trip, 120 Miles P.H. | 1 | All Models | 1 10 0* | S-180-L |
| Head, only, Non-trip, 140 Kilos P.H. | 1 | All Models | 1 5 0* | S-112-L |
| Head, only, Non-trip, 180 Kilos P.H. | 1 | All Models | 1 10 0* | S-181-L |
| Head, only, Trip, 80 Miles P.H. | 1 | All Models | 1 10 0* | S-115-L |
| Head, only, Trip, 120 Miles P.H. | 1 | All Models | 1 15 0* | S-136-L |
| Head, only, Trip, 140 Kilos P.H. | 1 | All Models | 1 10 0* | S-113-L |
| Head, only, Trip, 180 Kilos P.H. | 1 | All Models | 1 15 0* | S-182-L |
| Bulb, for head, 6 Volts, 3.8 Watts | 1 | All Models | 1 3* | P-53205 |
| Nut, fixing head to bracket on forks | 2 | All Models | 4* | N-1115 |
| Washer, for head fixing nut | 2 | All Models | 2* | W-7216 |
| Driving cable, complete, 25 $\frac{1}{4}$ " long | 1 | All but G3C, G90C, X | 12 0* | 27040-25 $\frac{1}{4}$ |
| Driving cable, complete, 27 $\frac{1}{4}$ " long | 1 | G3C, G90C, X | 12 0* | 27040-27 $\frac{1}{4}$ |
| Inner cable, only, 25 $\frac{1}{4}$ " long | 1 | All but G3C, G90C, X | 6 0* | 27059-25 $\frac{1}{4}$ |
| Inner cable, only, 27 $\frac{1}{4}$ " long | 1 | G3C, G90C, X | 6 0* | 27059-27 $\frac{1}{4}$ |
| Outer cable, only, 25 $\frac{1}{4}$ " long | 1 | All but G3C, G90C, X | 6 0* | 27060-25 $\frac{1}{4}$ |
| Outer cable, only, 27 $\frac{1}{4}$ " long | 1 | G3C, G90C, X | 6 0* | 27060-27 $\frac{1}{4}$ |
| Screw, fixing inner cable to head shaft | 1 | All Models | 2* | S-20-1 |
| Clip, fixing outer cable at top end | 1 | All Models | 1 0* | 27043 |
| Screw, for outer cable clip | 1 | All Models | 2* | S-4614 |
| Nut, for outer cable clip screw | 1 | All Models | 1* | 27045 |
| Gear box, complete, but less pinion | 1 | G2, G2M, G7 | 12 6* | 25384 |
| Gear box, complete, but less pinion | 1 | All but G2, G2M, G7 | 12 6* | 34159-1 |
| Lock nut, for gear box | 1 | All Models | 8* | 25200 |
| Spring ring, for gear box lock nut | 1 | All Models | 3* | W-7259 |
| Pinion, on gear box, 14 teeth | 1 | All Models | 3 5* | 50216 |
| Gear ring, on hub, 43 teeth | 1 | G2, G2M, G7 | 7 6* | 36497 |
| Gear ring, on hub, 43 teeth | 1 | All but G2, G2M, G7 | 7 6* | 50215 |
| Spring ring, locating hub gear ring | 1 | All but G2, G2M, G7 | 2 | 38-8-EQ04 |

TOOLS.

| | | | | |
|---|---|-----------------------|-----|------------|
| Tool bag | 1 | All Models | 2 6 | 17520 |
| Screwdriver | 1 | All Models | 9 | LTK-13 |
| Pliers | 1 | All Models | 1 6 | LTK-15 |
| Gudgeon pin circlip pliers | 1 | All Models | 1 0 | 11024 |
| Grease gun | 1 | All Models | 4 0 | L3TK-20 |
| Tyre lever | 1 | All Models | 3 | LTK-14 |
| Tyre inflater | 1 | All Models | 3 9 | 38-G3-EQ2 |
| Spanner, for tappets | 1 | All Models | 9 | CTK-9 |
| Spanner, single end, 1.390" | 1 | All Models | 1 3 | RTK-4 |
| Spanner, double end, $\frac{3}{16}$ " by $\frac{3}{16}$ " | 1 | All Models | 10 | 3263 |
| Spanner, double end, $\frac{1}{2}$ " by $\frac{5}{16}$ " | 1 | All Models | 1 3 | 3262 |
| Spanner, double end, $\frac{3}{8}$ " by $\frac{1}{2}$ " | 1 | All Models | 1 6 | 3261 |
| Spanner, triple end, .82" x 1.011" x 1.2" | 1 | All Models | 1 0 | RTK-2 |
| Spanner, for sparking plug | 1 | All Models | 1 0 | 17634 |
| Spanner, for dynamo chain adjustment | 1 | All Models | 6 | RTK-1 |
| Spanner, for contact breaker | 1 | G2, G5, G7 | 6 | 35-12-TK4 |
| Spanner, for contact breaker | 1 | All but G2, G5, G7 | 8 | LTK-5 |
| Spanner, for hub lock nut | 1 | All but G2, G2M, G7 | 1 9 | 11717 |
| Spanner, for cone lock nut | 1 | G2, G2M, G7 | 6 | LTK-1 |
| Spanner, for inlet pipe nut | 1 | X | 1 3 | XTK-4 |
| Box spanner, .92" hexagon | 1 | All but G2, G2M, G7 | 1 6 | LTK-19 |
| Box spanner, for hub sleeve nuts | 1 | G2MC, G3, G3C, G4, G5 | 1 9 | 3268 |
| Box spanner, for hub sleeve nuts | 1 | G80, G90, G90C | 1 9 | 3266 |
| Box spanner, for hub sleeve nuts | 1 | X | 1 9 | 3265 |
| Box spanner, for rocker shaft nuts | 1 | G3, G3C, G4 | 1 3 | 39-G9-TK14 |
| Box spanner, for rocker shaft nuts | 1 | G80, G90, G90C | 1 3 | 39-G9-TK14 |
| Adjustable wrench | 1 | G3, G3C, G4, G5, X | 4 0 | LTK-12 |
| Adjustable wrench | 1 | G80, G90, G90C | 4 0 | LTK-12 |
| Valve spring compressor bar | 1 | G3, G3C, G4 | 1 3 | 38-G4-TK6 |
| Valve spring compressor bar | 1 | G80, G90, G90C | 1 3 | 38-G4-TK6 |
| Screws, for spring compressor bar | 2 | G3, G3C, G4 | 4 | 38-G4-TK7 |
| Screws, for spring compressor bar | 2 | G80, G90, G90C | 4 | 38-G4-TK7 |

THE FOLLOWING TOOLS ARE NOT INCLUDED IN THE STANDARD TOOL KITS BUT ARE OFFERED AS OPTIONAL EXTRA EQUIPMENT.

| | | | | |
|---|---|----------------|------|------------|
| Oil gun, for lubricating control cables | 1 | All Models | 5 9* | B-G-G |
| Chain rivet extractor | 1 | All Models | 5 6* | LC-25 |
| Valve grinding tommy | 1 | G2, G2M, G2MC | 6 | 3282 |
| Valve grinding tommy | 1 | G3, G3C, G4 | 3 6* | 38-G4-TK9A |
| Valve grinding tommy | 1 | G80, G90, G90C | 3 6* | 38-G4-TK9A |
| Valve spring compressor | 1 | G2, G2M, G2MC | 6 6 | TPK-8 |

ALL ABOVE PRICES, EXCEPT THOSE MARKED *, ARE SUBJECT TO 10% INCREASE.

EQUIP YOUR
MACHINE WITH

A PROP STAND

(If Model G2M, G3, G4, G5, G80 or G90)

the cost is 16s. 6d.* (See Page 32).

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