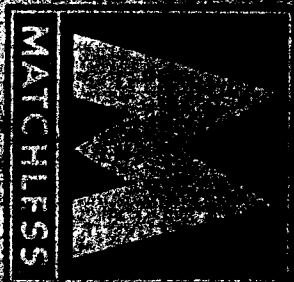


8/1/00  
THE AJS MATCHLESS  
E-MAIL LIST



Matchless

## INTRODUCTION.

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We have pleasure in presenting this Spares List for the "Matchless" Models 34/F, 34/F4 and 35/F4.

Every part likely to be required can be readily found by reference to the various illustrations.

Every part has a distinctive number and in ordering care must be taken to give both description and part number.

Read carefully rules on Pages 3, 4 and 5.

Always quote both engine and frame number of your cycle when corresponding or ordering spare parts.

**MATCHLESS MOTOR CYCLES (COLLIERS) LTD.**

### TERMS OF BUSINESS.

Our invariable rule in this department is nett cash with order. Remittance to £1 in value may be sent by Postal Order, but over this amount it is advisable to remit by cheque. Cheques to be made payable to Matchless Motor Cycles (Colliers) Ltd., and crossed. When making a remittance by Telegraph Money Order, the name and address of sender should be included, as unless this is done, the Post Office do not give this information in the telegram. We frequently receive Telegraph Money Orders without sender's name, with the result that we cannot trace by whom the amount is sent and we have to await until the customer writes complaining about delay before the matter can receive attention. If remittance is not sufficient to pay for postage or carriage, goods will be sent "Carriage Forward" (Goods Train).

All repairs accounts are strictly nett cash before delivery. The prices in this list are subject to alteration without notice. Only goods to the value of 5s. and over are sent upon request, per C.O.D.

**IMPORTANT NOTE RE C.O.D.**—Owing to the labour involved and to the fact that the minimum C.O.D. fee is 10d., only goods to the value of 5s. and over can be sent on the above system.

### DEPOSIT ACCOUNT.

We strongly advise all owners of Matchless Motor Cycles to take advantage of our "Deposit System." It often occurs that parts are required by return, but unless customers have a current account, there is the inevitable delay while a pro forma invoice is sent, and we have to await receipt of the remittance before the goods can be despatched. This delay causes considerable inconvenience to the party concerned, and can be avoided by opening a Deposit Account.

A remittance of not less than £2 entitles a customer to this form of account, and when goods are ordered by phone, telegram, or letter they will be despatched at the earliest possible moment by the quickest route. Invoices will be sent for all goods supplied and a statement will be rendered when required showing amount of deposit in hand. Customers will be notified immediately their deposit becomes exhausted, so that they can renew same. We are at all times prepared to return balance of deposit upon request.

Kindly note when ordering to mention "Deposit" or quote reference as shown on monthly statements.

### FOREIGN ORDERS.

The conditions governing the supply of spares against Home orders equally apply to orders received from Overseas. It must be noted that the C.O.D. system (**Cash on Delivery or Value Payable by Post**) can only be used in connection with Overseas orders when those orders are accompanied with cash to not less than 25 per cent. of the value of the complete order. This condition is necessary because of the difficulties presented by foreign exchange and the expenses that may be incurred if delivery of the consignment cannot be made, such as might arise in the event of the client refusing to take delivery.

Therefore, Overseas orders should be totalled and 25 per cent. of that total should accompany the order.

Continental clients can best remit the deposit by sending a cheque drawn on a London Bank, or by an International Money Order, which is obtainable at most post offices.

Colonial clients can best remit the deposit by sending a cheque drawn on a London Bank or by Bankers' Draft, although it is always preferable to demand spares through the local agent, who generally can obtain same in the Colony, thereby saving time and money.

Under no circumstances can foreign C.O.D. (V.P.P.) consignments be sent without this deposit.

#### ESTIMATES.

It is becoming a general practice for customers when sending their engines or complete motor cycles to us for repairs, to request a detailed estimate for the necessary repairs before proceeding with the work.

We are always pleased to furnish these estimates, but it must be distinctly understood that only approximate quotations can be given, as when re-erecting, it is often found that other repairs or new parts are necessary, which it was impossible to locate when dismantling.

In some instances, when an estimate has been submitted, several of the items quoted for are questioned as being unnecessary or not required. We may say that we only include in our quotations new parts and repairs that we consider essential to make the machine suitable and satisfactory for the road.

If an estimate is not accepted, i.e., the parts returned to the owner in their original condition, a nominal charge is made for taking down and re-assembling.

All repair accounts are strictly nett cash before delivery.

#### OVERHAULING.

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

#### 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 to the carriers.

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

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

#### PROPRIETARY PARTS.

The proprietary parts of equipment listed are those that are stocked and supplied as spares. For prices of other parts, application should be made to the manufacturers concerned.

#### HOW TO ORDER SPARES.

State:—

- (1) Model of Machine.
  - (2) Engine Number (with letters incorporated).
  - (3) Serial number of item required.
  - (4) Quantity required.
  - (5) Description or name of parts.
  - (6) Say how you wish spares to be sent.
  - (7) Enclose remittance to cover cost of spares and carriage (unless you have a deposit account or wish goods to be sent C.O.D.).
- (NOTE.—Only goods value 5s. or over sent by C.O.D. Also please see previous pages re foreign orders.)
- (8) Your full name and address.

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

#### NOTE.

The prices of spares do not include the cost of carriage. Spares can only be sent "carriage forward" by goods train.

Each series of frames is numbered from zero upwards. Therefore, the quotation of a frame number does not enable a machine to be identified. Always quote the engine number as well.

#### ALL CORRESPONDENCE

Should be addressed to:—

Messrs. MATCHLESS MOTOR CYCLES (COLLIERS) LIMITED,  
44-45, PLUMSTEAD ROAD,  
PLUMSTEAD,  
LONDON, S.E.18.

#### ALL GOODS

Should be addressed to:—

Messrs. MATCHLESS MOTOR CYCLES (COLLIERS) LIMITED,  
BURRAGE GROVE,  
PLUMSTEAD,  
LONDON, S.E.18.

# 1934 F

## ENGINE PARTS

Part Number		Price Each E. S. D.
FE 20	Axle for flywheel, driving side	5 9
DE 26	Axle for flywheel, timing side	8 0
AE 17	Axle for flywheel, crankpin	4 9

### A

### B

DE 27	Bush for flywheel axle, timing side	3 0
RE 45	Bush for gudgeon pin	2 6
L4E 318A	Big end liner, or bush	2 6
CE 36	Bush for exhaust camshaft, crankcase side	1 9
FE 36	Bush for exhaust camshaft, timing gear cover side	2 0
CE 36	Bush for inlet camshaft, crankcase or timing gear, cover side	1 9
15985	Bush, bronze, for overhead rocker axles (4 off)	2 3
RLS 7	Bearing, journal, for flywheel axle bearing, driving side (2 off)	10 0

### C

FE 2	Cylinder head	1 16
FE 88	Cylinder head fixing bolts (4 off)	9 9
20371	Cylinder head gasket	1 6
CE 156	Carburettor gasket	5 5
AE 66	Carburettor fixing studs (screw in cylinder head)	2 2
STD 4	Nuts for above	3 3
FE 1	Nuts for barrel	2 2
RE 2	Cylinder barrel	1 17
STD 4	Cylinder barrel holding down studs (4 off)	6 6
R6E 503	Nuts for above	3 3
FE 108	Cylinder base paper washer	2 2
	Crankcase, driving and timing side halves (supplied complete with studs and bushes only)	3 15
D5E 735	Crankcase pinch bolt (1/2 in. dia. x 4 3/4 in. long)	0 4
D6E 734	Crankcase pinch bolt (3/4 in. dia. x 3 3/4 in. long)	4 3
STD 5	Nuts for above bolts	3 2

### C—contd.

Part Number		Price Each E. S. D.
D2E 1216	Connecting rod, bare (less small and big end bushes)	16 0
D2E 1216A	Connecting rod with small and big end bushes	1 1 0
D2E 1216B	Connecting rod complete with small end bush and big end assembly (crankpin, crankpin washers, rollers, nuts and big end liner)	1 13 6
L4E 318A	Connecting rod big end liner	2 6
AE 17	Crankpin	4 9
L4E 306	Crankpin rollers (30 per set)	2 2
D8E 1818	Crankpin washers	1 0
L3E 70	Crankpin fixing nuts	5 5
STD 15	Locking screw for above	1 1
DE 132	Camshaft, inlet	9 6
FE 131	Camshaft, exhaust	10 6
L3E 239	Crankcase drain plug	4 4
R4E 1036	Cap for outer inlet camshaft bush	3 3
FE 63	Covering tubes for tapet push rods	3 6
M 2316/1E	Contact breaker cam, fits on exhaust camshaft	4 0
M 3660/3	Bolt securing above	2 2
L 1002/1	Washer for above	1 1
XY 17	Contact breaker bakelite cover or cap complete with condenser	5 6
FE 91	Stud securing above	2 2
FE 91N	Nut for above	1 1
2890	Spring washer for above	1 1

### D

L3E 239	Drain plug for crankcase	4 4
CE 39	Dowel peg, locating timing cover (fits in crankcase)	1 1
CE 57	Decompressor handle or lever	3 3
CE 56	Decompressor vertical shaft	6 6
CE 60	Decompressor cross shaft	2 6
CE 40	Decompressor rocker	3 3
CE 61	Decompressor plungers (2 off)	2 2
CE 63	Decompressor plunger springs (2 off)	1 1
CE 62	Decompressor housing bolt for plunger	5 5

### F

D2E 1219	Flywheel, driving side	10 0
D2E 1225	Flywheel, timing side	10 0
FE 20	Flywheel axle or shaft, driving side	5 9
L3E 95	Keys for above	3 3

F—contd.

Part Number	Price Each
E3E 70	3
STD 15	3
RLS 7	1
DE 26	10
LE 85/S	8
L3E 70	3
STD 15	5
RE 82	1
DE 27	3
D2E 1214	2
RE 12366	9
FE 45	4
LE 83	2
LE 148S	6
MB 68	2
PJ 65	3
	2
	6

G

BE 99	Oil pump, plunger or shaft	6
AE 96	Oil pump plunger guide screw	0
AE 97	Oil pump plunger end caps	6
AE 98	Small hexagon-headed screws securing above (8 off)	6
AE 95	Paper washers for oil pump plunger end caps	2
		1

O

D2E 1212	Piston, standard size	10
OD2E 1212	Piston, .020in. oversize	0
DE 11	Piston rings, standard size (3 off)	10
ODE 11	Piston rings, .030in. oversize (3 off)	0
D2E 1212A	Piston complete with rings, gudgeon pin, and gudgeon pin securing rings (standard size)	1
OD2E 1212A	Piston, .020in. oversize, complete with rings, gudgeon pin and securing rings	16
R4E 1028	Pinion, small timing	5
LE 85/S	Key for above	9
		3

P

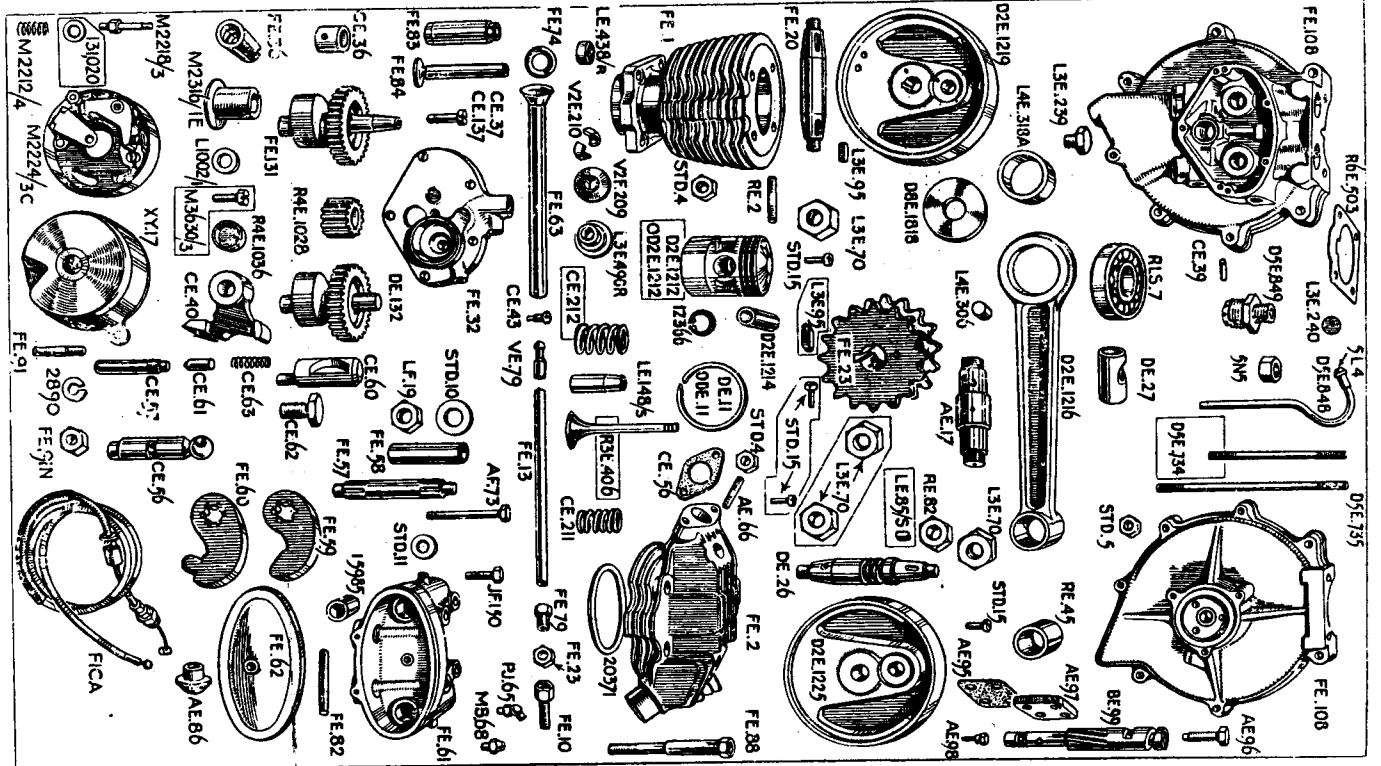
Part Number	Price Each
RE 82	3
FE 13	1
VE 79	2
FE 79	1
FE 10	0
FE 23	9
FE 63	1
FE 74	0
FE 174	3
CE 43	3
CE 39	1

P—contd.

D5E 849	Release valve body	1
L3E 240	Release valve diaphragm	0
D5E 848	Release valve oil pipe, with nipple	2
5L4	Nipple for release valve oil pipe	1
5N5	Union nut for above	0
L4E 306	Rollers for big end (30 off)	4
L4E 318A	Roller race or liner for big end	2
FE 61	Rocker box, bare, less all fittings	6
FE 62	Rocker box aluminium cover	18
AE 86	Knob securing above	2
FE 82	Stud for above (screws in rocker box)	0
FE 57	Rocker spindle (splined ends) (2 off)	9
LF 19	End nuts for above (4 off)	4
STD 10	Washers for above (4 off)	6
FE 58	Hardened steel sleeves for rocker spindles (2 off)	2
	Bronze bushes for above (4 off)	1
	Rockers, valve end	3
	Rockers, push rod end	0
	Grease nipples for rocker box, plain type (3 off)	2
	Grease nipple for rocker box, angular type (1 off)	3
	Rocker box holding-down or fixing bolts, short (1 1/2in. long under head) (2 off)	6
	Ditto, long (2 1/2in. long under head) (2 off)	4
	Washers for above bolts (4 off)	1
	Rubber rings for bottom end of push rod cover tubes	1
	Rubber rings for top end of push rod cover tubes	3
		1

R

D5E 849	Release valve body	1
L3E 240	Release valve diaphragm	0
D5E 848	Release valve oil pipe, with nipple	2
5L4	Nipple for release valve oil pipe	1
5N5	Union nut for above	0
L4E 306	Rollers for big end (30 off)	4
L4E 318A	Roller race or liner for big end	2
FE 61	Rocker box, bare, less all fittings	6
FE 62	Rocker box aluminium cover	18
AE 86	Knob securing above	2
FE 82	Stud for above (screws in rocker box)	0
FE 57	Rocker spindle (splined ends) (2 off)	9
LF 19	End nuts for above (4 off)	4
STD 10	Washers for above (4 off)	6
FE 58	Hardened steel sleeves for rocker spindles (2 off)	2
	Bronze bushes for above (4 off)	1
	Rockers, valve end	3
	Rockers, push rod end	0
	Grease nipples for rocker box, plain type (3 off)	2
	Grease nipple for rocker box, angular type (1 off)	3
	Rocker box holding-down or fixing bolts, short (1 1/2in. long under head) (2 off)	6
	Ditto, long (2 1/2in. long under head) (2 off)	4
	Washers for above bolts (4 off)	1
	Rubber rings for bottom end of push rod cover tubes	1
	Rubber rings for top end of push rod cover tubes	3
		1



Engine Parts.

Part Number	Description	Price Each
L3E 153	Sparkling plug with C. and A. washer (Lodge H.1)	6 0
L3E 246	Sparkling plug C. and A. washer only	2 0
CE 212	Spring, outer, for valves	1 0
CE 211	Spring, inner, for valves	6 0
FE 23	Sprocket, engine and dynamo drive (16 x 16 teeth)	8 6
L3E 95	Key for above	3 3
L3E 70	Nut securing sprocket	5 5
STD 15	Lock screw for above	1 1
DE 38	Sprocket for dynamo (12 teeth)	3 6
M 450/1A	Key for above	1 1
FE 186	Nut securing above sprocket	6 6
D5E 187	Locking washer for above	2 2
D5E 188	Retaining spring ring for above washer	1 1
CE 137	Screw securing timing gear cover, long (3 off)	2 2
CE 37	Screw securing timing gear cover, short (2 off)	2 2
CE 43	Screws securing top end of push rod covering tubes to rocker box	1 1
CE 63	Springs for decompressor plungers	1 1
STD 15	Screws for locking flywheel axle fixing nuts	1 1
FE 12366	Securing rings for gudgeon pin	4 0
FE 58	Sleeves, hardened steel, for rocker spindles	3 0
<b>T</b>		
FE 32	Timing gear cover with camshaft bushes only	12 6
CE 137	Screws securing above, long (3 off)	2 2
CE 37	Screws securing above, short (2 off)	2 2
DE 132	Timing gear camshaft, inlet	9 6
FE 131	Timing gear camshaft, exhaust	6 6
R4E 1036	Timing gear cover cap, covering outer inlet camshaft bush	3 3
R4E 1028	Timing gear small pinion (20 teeth)	3 3
LE 85/S	Key for above	3 3
RE 82	Nut securing above pinion (left-hand thread)	2 2
FE 84	Tappet body	2 6
FE 83	Tappet guide	2 6
FE 63	Tappet push rod covering tubes	3 6
CE 43	Small screws securing top end of above to rocker box	1 1
FE 74	Rubber rings for bottom end of covering tubes	3 3
FE 174	Rubber rings for top end of covering tubes	1 1

T—contd.

Part Number	Description	Price Each £ s. d.
FE 14	Tappet push rod assembled with ends, tappet adjusting screw and lock nut ...	4 3
FE 13	Tappet push rod only, less ends (7 $\frac{3}{8}$ in. long)	1 2
VE 79	Tappet push rod hardened steel ball end, bottom	1 0
FE 79	Tappet push rod end or sleeve nut, top	9 9
FE 10	Tappet adjusting screw or bolt	1 0
FE 23	Lock nut for above	4 4

V

R3E 406	Valves, inlet or exhaust	7 6
R3E 406A	Valve, complete with springs, collars and valve spring caps	11 9
CE 212	Valve springs, outer	1 0
CE 211	Valve springs, inner	6 6
V2E 209	Valve spring top caps	1 2
L3E 490R	Valve spring bottom cap or seat (exhaust only)	10 10
V2E 210	Valve taper collars	9 9
LE 148/S	Valve guide	2 3
LE 438/R	Valve stem hardened steel end cap	7 7

Note.—There is no bottom cap fitted under the inlet valve springs.

IGNITION

XY 17	Contact breaker bakelite cover complete with condenser	6 6
FE 91	Stud securing above (screws in timing gear cover)	2 2
FE 91N	Nut for above	1 1
M 2890	Spring washer for above	1 1
M 2316/1E	Contact breaker cam	4 0
M 3630/3	Bolt securing above cam	2 2
L 1002/1	Washer for above	1 1
M 2224/3C	Contact breaker base complete, assembled with rocker arm and points, etc.	8 6
M 2218/3	Guide or locating stud for above	2 2
M 2212/4	Spring for above	1 1
M 131020	Brass washer for above	1 1
ST 326	Contact points or screws with rocker arm per pair	3 6
FICA	Ignition control cable complete, assembled	3 9
FICO	Ignition control outer casing only	3 9
FICW	Ignition control inner wire only	1 9
H 3327	Nipple for above, handlebar end	6 6
	Nipple for above, contact breaker end	1 1

Ignition—contd.

Part Number	Description	Price Each £ s. d.
HE 36A	Armouring for outer casing	3 3
	Screwed gland nut for control cable (screws in timing gear cover)	5 5
	Adjuster for control cable (screws in above)	4 4
	Lock nut for above	1 1
	Rubber gland or sleeve covering adjuster and gland nut	3 3
	Spring for control cable	2 2
	Toggle for control cable, contact breaker end	5 5
	Screw securing above to contact breaker base	2 2
CO/OL	Ignition coil with clip	1 0
M 2190-2	Pinch bolt for coil clip	0 0
M 2605/4	Spring washer for above	3 3
M 1459/1347	Nut for above	1 1
FHTC	H.T. cable only (2ft. 10in. long)	1 1
M 3130/4	Terminal end only, for above	6 6
M 2244/3	Bakelite screwed collar securing H.T. cable to coil	3 3
L 1002/1	Small brass washer for H.T. cable, coil end	4 4
L 373/6	Nuts securing wires to coil	1 1

EXHAUST PIPE

FE 104A	Low, or standard exhaust pipe	18 6
STD 4	Nut securing front end of above to engine bolt	2 2
TE 17486	Silencer	17 6
TF 463	Silencer clip, front end	6 6
TE 41	Pinch bolt for above (1 $\frac{1}{2}$ in. under head)	1 0
TE 464	Threaded collar for above	2 2
TE 465	Plain collar for above	3 3
D8E	Clip supporting rear end of silencer	2 2
	Pinch bolt for above ( $\frac{3}{8}$ in. long under head)	1 6
	Nut for above	3 3
LF 2886	Spring washer for above	2 2
	Bolt securing clip to frame (9/16in. under head)	1 1
STD 2886	Spring washer for above	3 3
FE 4	Nut for above	1 1
AF 204A	Competition or high exhaust pipe	1 2
STD 28	Long engine bolt securing front end of above (8 $\frac{1}{2}$ in. long)	8 6
STD 4	Nuts for above	7 7
AGL 10676	Clip for front end of competition exhaust pipe silencer	2 2
	Bolt securing above to frame (carries saddle spring, $\frac{1}{2}$ in. long)	1 0
		4 4



Exhaust Pipe—contd.

Part Number	Description	Price Each £ s. d.
STD 4	Inside nut for above	2
HTF 63	Outside nut for above	2
STD 11	Washer for above	1
LM 17	Distance piece for above bolt (2 5/16in. long)	3
D2E 1262A	Clip supporting rear end of competition exhaust pipe silencer	1 6
2752	Pinch bolt for above (3/4in. long under head)	3
2886	Spring washer for above	1
10499	Nut for above	1
JF 150	Bolt securing clip to mudguard and mud-guard stay when carrier is fitted (1 3/16in. long under head)	2
HF 96	Ditto, when carrier is not fitted (15/16in. long under head)	4
STD 4	Nuts for above (2 off)	4
STD 11	Washer for above	2

ENGINE PLATES AND BOLTS

FE 50	50SA Engine plates (2 off)	4 0
RE 50	Top, rear, engine plate bolt (passes through frame and engine plates), 3 7/16in. long x 3/4in. dia.	3
STD 3	Nuts for above	3
ME 54	Top rear engine plate bolt (passes through frame and engine plates), only when electric horn is fitted, 3 11/16in. long x 3/4in. dia.	3
STD 3	Nuts for above	6
STD 10	Washer for above	3
RE 50	Bottom front, engine plate bolt, 3 7/16in. long x 3/4in. dia.	1
STD 3	Nuts for above	3
LE 15	Top front engine plate bolt (passes through crankcase and engine plates, 3 9/16in. long x 5/16in. dia.)	3
STD 4	Nuts for above	3
LE 15	Centre front engine plate bolt (passes through crankcase and engine plates, carries gear box adjuster block, 3 9/16in. long x 5/16in. dia.)	2
STD 4	Nut for above	3
D5E 515	Long bottom engine plate fixing bolt (passes through frame and engine plates, 9 3/4in. long x 5/16in. dia.)	2
L4M 133	Long distance piece for above (2 1/4in. long)	6
STD 11	Washers for above	3
STD 4	Nuts for above	1

Engine Plates and Bolts—contd.

Part Number	Description	Price Each £ s. d.
DE 15	Top front crankcase or engine fixing bolt (passes through frame and crankcase, 8 1/4in. long x 5/16in. dia.)	2 15
STD 11	Washers for above	2
STD 4	Nuts for above	6
DE 23	Bottom front crankcase bolt (passes through frame and crankcase, 8in. long x 5/16in. dia.)	1
STD 4	Nuts for above	1
STD 4	Distance collars for above, 2in. long (2 off)	2

FRAME

FF 23	Front portion of main frame	2 15
FF 24	Rear portion of main frame	0
LF 40	Rear chain adjusting screws	6
STD 5	Lock nuts for above	9
BF 40	Distance collars for above, 3/4in. long	2
DF 123	Saddle lug bolt, carries earth wire terminal, passes through top end of rear frame and saddle lug, 3 3/4in. long	2
STD 4	Nuts for above	2
STD 11	Washers for above	6
STD 79	Nut securing earth wire terminal to above bolt	2

PROP STAND

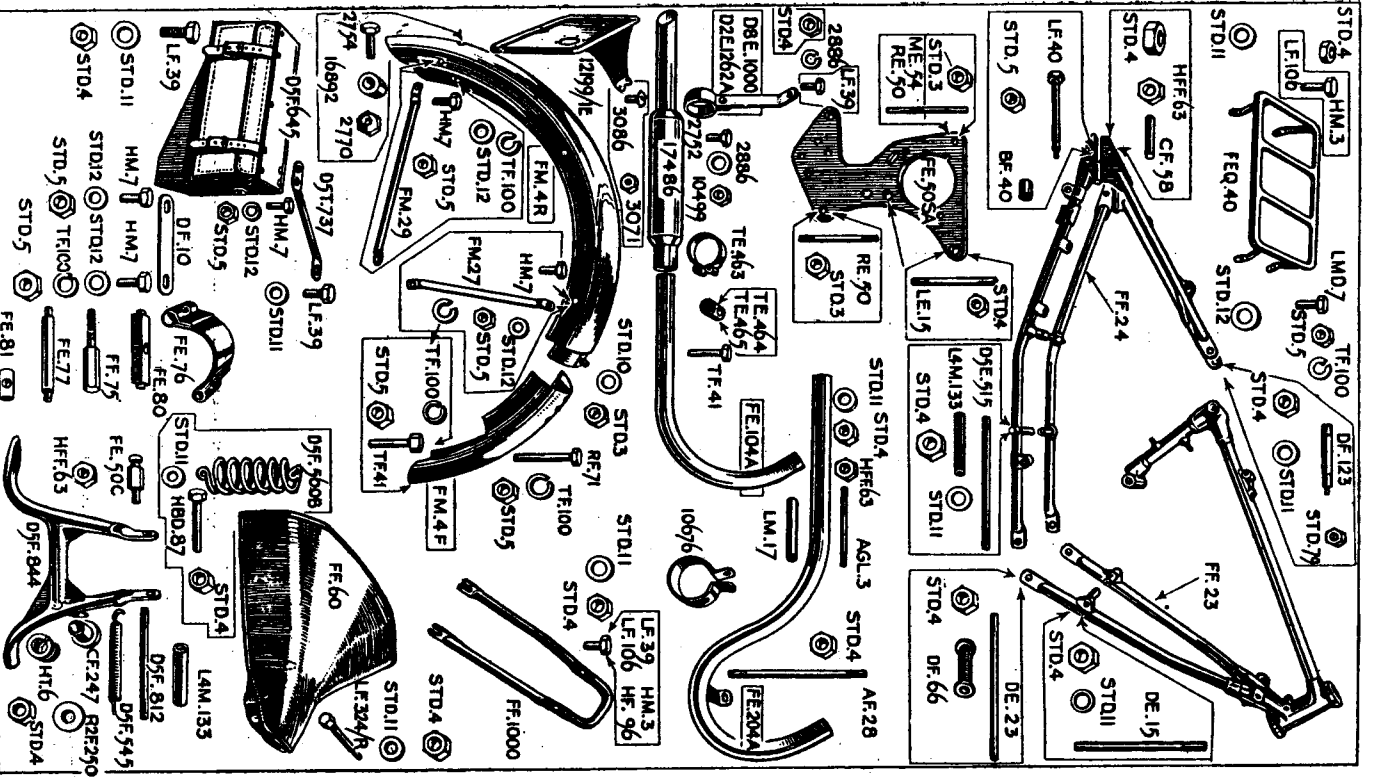
D5F 844	Centre or prop stand	12
D5F 812	Fixing bolt for above, 5in. overall length	6
L4M 133	Long distance piece for above, 2 1/4in. long	4
STD 4	End nuts for above	3
R2F 250	Plain metal washers (fit under above)	2
HT 6	Double spring washers (fit under above)	1
CF 247	Flanged bushes for fixing bolt	1
D5F 545	Prop stand pull-up spring	2
FE 60C	Anchor pin for pull-up spring	7
FFF 63	Nut for above	7

MUDGUARDS (FRONT AND REAR) AND NUMBER PLATES

FM 2	Front mudguard only	10
FM 30	Front mudguard stays (4 off)	0
HM 7	Bolts fixing top end of mudguard stays to mudguard (4 off)	9
STD 12	Plain metal washers for above	3
TF 100	Spring washers for above	1
STD 5	Nuts for above	1

Mudguards (Front and Rear) and Number Plates—contd.

Part Number	Description	Price Each £ s. d.
LF 39	Bolt fixing bottom end of mudguard stay to fork girder (3/16in. long under head)	3
FM 7	Distance collar for above (3/16in. thick)	3
STD 11	Plain metal washer for above	2
HM 7	Bolt fixing mudguard to fork girder	1
TF 100	Spring washer for above	3
STD 5	Nut for above	1
RM 10	Front number plate, bare	2
STD 16	Fixing screws for above	1
STD 24	Nuts for above	6
RM 27	Licence holder rim only	1
RM 28	Transparent licence holder panel	2
RM 29	Rubber ring for licence holder	4
RM 33	Cardboard back plate for licence holder	3
RM 34	Licence holder fixing screws	3
RM 35	Nuts for above	2
RM 9	Front number plate assembled with licence holder	1
FM 4	Rear mudguard complete (two portions, front and rear)	3
FM 4F	Front portion of rear mudguard	0
FM 4R	Rear portion of rear mudguard	15
TF 41	Bolt securing bottom end of front portion to frame (1 3/16in. long under head)	3
TF 100	Spring washer for above	3
STD 5	Nut for above	1
TF 71	Bolt securing top end of front portion to frame (1 7/16in. long under head)	1
STD 71	Nut for above	2
TF 100	Spring washer for above	3
STD 5	Nut for above	1
STD 3	Nut for mudguard joint stud	1
STD 10	Washer for above	2
FM 29	Rear mudguard stay, rear end (long)	3
HM 7	Bolt securing above stay to mudguard	1
HM 12	Plain metal washer for above	3
TF 100	Spring washer for above	1
STD 5	Nut for above	1
FF 1100	Rear mudguard arch	2
CF 58	Stud securing bottom end of rear mudguard arch and mudguard stays to frame (1in. long)	0
CF 63	Lock nuts for above (inside)	6
STD 4	Nut for above (outside)	2
LF 39	Bolts securing rear mudguard arch to mudguard (9/16in. long under head)	2
STD 11	Washers for above	3
STD 11	Washers for above	1



Frame, Exhaust Pipes, Rear Mudguard, etc.

Mudguards (Front and Rear) and Number Plates—contd.

Part Number	Price Each £ s. d.
STD 4	2
HM 3	3
HF 96	4
STD 4	2
STD 11	1
LF 106	1
STD 4	2
STD 11	1
FM 27	9
HM 7	3
STD 5	2
STD 12	1
TF 100	1
TF 12199/IE	3
3086	0
3071	1
2754	1
16892	1
2770	2
FM 102	0
RM 30	6
LF 39	3
FM 7	2
STD 11	1
HM 7	3
TF 100	1
STD 5	2
HM 7	3
TF 100	1
STD 5	2
TF 67	6
TF 32	3
STD 11	1

PARTS USED ONLY WHEN CHROMIUM-EDGED MUDGUARDS ARE FITTED

Parts used only when Chromium-Edged Mudguards are fitted—contd.

Part Number	Price Each £ s. d.
HF 63	2
RM 31	3
STD 12	1
STD 5	2
D8M 804	2
D8M 804R	1
D8M 804F	1
STD 3	0
STD 10	5
TF 41	3
TF 100	1
STD 5	1
RF 71	2
TF 100	3
STD 5	1
D8F 800	2
HM 7	6
TF 100	3
STD 5	1
LF 32	2
STD 4	3
CF 58	2
HF 63	2
AF 59	2
LF 32	3
STD 12	3
STD 5	1
HM 3	2
STD 12	1
STD 5	2
LF 106	1
STD 12	3
STD 5	1
LF 106	2
STD 11	1
STD 4	4

Parts used only when Chromium-Edged Mudguards are fitted—contd.

Part Number	Price Each £ s. d.	
LF 106	Bolt securing rear mudguard inner strap to mudguard arch, off side only, when carrier and competition exhaust pipe is fitted (1 5/16in. long under head)	4
STD 11	Washers for above	1
STD 4	Thick nut for above	2
HFF 63	Thin nut for above	2
BM 70	Rear number plate	0
D5M 514	Rear number plate centre stay or strap	6
D5M 505R	Rear number plate side stay or strap, off side	9
D5M 505L	Rear number plate side stay or strap, near side	9
STD 40	Screw securing side stay to number plate	1
STD 24	Nut for above	2
HM 7	Bolt securing rear number plate (3 off)	3
STD 12	Washers for above	1
STD 5	Nuts for above	2

**REAR CARRIER  
(Standard Type)**

FEQ 40	Rear carrier only	13
LMD 7	Bolts fixing front end of carrier (11/16in. long, under head)	6
STD 5	Nuts for above	3
STD 12	Plain metal washers for above	2
TF 100	Spring washer for above	1
HM 3	Bolts fixing rear end of carrier (3/4in. long under head)	1
STD 4	Nuts for above	3
STD 11	Washer for above	2
LF 106	Bolt fixing rear end of carrier, off side only, when high exhaust pipe is fitted (1 5/16in. long under head)	1
STD 4	Nuts for above	4
STD 11	Washers for above	2
STD 11	Washers for above	1

**REAR CARRIER  
(When Chromium-Edged Mudguards are Fitted)**

D5F 540	Rear carrier only	13
LMD 7	Bolts fixing front end of carrier (11/16in. long, under head)	6
STD 5	Nuts for above	3
STD 12	Washers for above	2
HM 3	Bolts fixing rear end of carrier (3/4in. long under head)	1
HM 3	Bolts fixing rear end of carrier (3/4in. long under head)	3

Rear Carrier—contd.

Part Number	Price Each £ s. d.	
STD 5	Nuts for above	1
STD 12	Washers for above	2
LF 106	Bolt fixing rear end of carrier, off side only, when high exhaust pipe is fitted (1 5/16in. long under head)	1
STD 11	Washers for above	4
STD 4	Thick nut for above	1
HFF 63	Thin nut for above	2

**SADDLE AND PARTS**

FF 60	Saddle top complete assembled (Lycetts)	10
D5F 560B	Saddle coil spring	0
HBD 87	Bolt fixing bottom end of saddle spring (1 1/4in. long under head)	1
STD 4	Nut for above	3
STD 11	Washer for above	2
LF 324/R	Saddle nose bolt	1
STD 4	Nut for above	8
STD 11	Washer for above	2
AGL 3	Stud fixing off side saddle spring, bottom end (when high exhaust pipe is fitted, 4 1/4in. long)	1
LM 17	Distance piece for above (2 5/16in. long)	4
STD 4	Inside nut for above bolt	3
HFF 63	Outside nut for above bolt	2
STD 11	Washer for above	2

**DYNAMO AND PARTS**

200,023	Dynamo complete	10
200,025	Dynamo commutator strap or cover	0
L 1304/2C	Pinch screw for above	1
200,027	Dynamo brushes (per set of 3)	2
DE 38	Dynamo driving sprocket (12 teeth)	0
M 450/1A	Key locating above	3
FE 186	Fixing nut for above sprocket	6
D5E 187	Locking washer for above	1
D5E 188	Retaining spring ring for above washer	2
NC 402/14	Metal tags or plugs for dynamo positive and negative wires	1
L 4953/1	Insulated strip securing above	1
L 4991/4	Long screw fixing above to dynamo	2
FE 76	Strap securing dynamo	2
FE 77	Round cross bar for above	1
FE 80	Square cross bar for above	6
FE 75	Long hexagon headed bolt, passes through above	4
FE 81	Round collar for above bolt	9
		8
		5



Handlebar Group—contd.

Part Number	Description	Price Each £ s. d.
H 3488	Adaptor for ignition control outer casing ...	3
FDSC	Dipping switch cable only ...	1 0
FHSC	Horn switch cable only ...	6
<b>FRONT FORK</b>		
FFF 1A	Front forks complete assembled with crown and stem, links, fork spindles, spring, etc., less mudguard and stand ...	4 7 6
FFF 1	Front fork girder only ...	2 12 0
FFF 19	Front fork crown and stem ...	13 0
FFF 21	Head clip ...	7 6
FFF 21B	Handlebar clip ...	10
JF 150	Bolt securing above to head clip (2 off) 1 1/2 in. under head ...	4
FFF 32	Front fork spring ...	3 0
HF 47	Top front fork spring fixing bolt (2 3/16 in. under head) ...	6
FEQ 4	Top front fork spring fixing bolt, 3 3/8 in. long ...	3
(Used only when speedometer is fitted)		
STD 10	Washer for above two bolts ...	1
STD 3	Nut for above ...	3
M4MD 158	Distance piece for above long bolt ...	3
V2FF 51	Steering head frame races (3 off) ...	2 5
T3FF 52	Fork crown ball race ...	3 2
T3FF 59	One set of 50 balls for above ...	1 1
L4FF 42	Steering head adjusting nut ...	8
L4FF 46	Dome lock nut for steering head ...	1 6
FFF 28	Front fork spindle, top front or rear ...	1 5
FFF 27	Front fork spindle, bottom, front ...	1 6
FFF 18	Front fork spindle, bottom, rear ...	5
STD 2768	Lock nuts for spindles (3 off) ...	3 3
STD 20326	Front fork spindle washers, thin (4 off) ...	1 1
STD 10	Front fork spindle washers, thick (4 off) ...	1 1
MB 68	Grease nipples for fork spindles (5 off) ...	2
20356	Left side top front fork link (threaded hole) ...	1 3
20355	Right side top front fork link (plain, hole) ...	1 3
20358	Left side bottom front fork link (threaded hole) ...	1 6
20357	Right side bottom front fork link (plain hole) ...	1 6
20359	Front fork damper ferodo friction discs ...	8
AF 37	Front fork damper star spring washer ...	6
MBD 206	Double spring washer for above ...	3
AF 100	Ratchet washer for above ...	2
TF 101S	Front fork damper hand adjusting knob ...	1 6

TOOL BOX

Part Number	Description	Price Each £ s. d.
D5F 645	Tool box only ...	5 6
LF 39	Bolts securing bottom of above to frame (3 in. long under head) ...	6
STD 4	Nuts for above ...	3
STD 11	Washers for above ...	2
DF 10	Strap for tool box, fixes on mudguard ...	1
HM 7	Bolt securing above to tool box ...	3
STD 5	Nut for above ...	3
HM 7	Plain metal washer for above ...	2
STD 5	Bolt fixing above strap to mudguard ...	1
TF 5	Nut for above ...	3
STD 100	Spring washer for above ...	2
STD 12	Plain metal washer for above ...	1 1
D5T 737	Top strap or stay, fixes to oil tank ...	1
HM 7	Bolts securing above to tool box ...	6
STD 5	Nuts for above ...	3
STD 12	Washers for above ...	2
LF 39	Bolt securing strap to oil tank (3 in. long under head) ...	1
STD 11	Washer for above ...	3

PETROL TANK WITH FITTINGS AND PETROL PIPES

Part Number	Description	Price Each £ s. d.
FT 5A	Petrol tank bare, less all fittings ...	3 7 6
BT 30	Petrol tank filler cap ...	0
DT 4R	Right side kneegrip ...	3 0
DT 4L	Left side kneegrip ...	2 6
AT 4F	Kneegrip fixing plate ...	2
LT 8	Screw for above ...	6
STD 12	Washer for above ...	2
D5T 500L	Chromium-plated embossed M, left side ...	1 1
D5T 500R	Chromium-plated embossed M, right side ...	6
STD 150	Screws securing above to tank ...	1 1
16527	Petrol tap ...	2
11504	Fibre washer for above, small bore ...	3 0
11503	Fibre washer for above, large bore ...	2
20657	Petrol U pipe (connecting two halves of tank) ...	2
4L4	Nipple for above ...	3 6
4N4	Nut for above ...	3
16190	Bango union for above ...	4
11505	Union for petrol U pipe, screws into tank ...	8
11504	Fibre washer for above ...	3
54	Petrol feed pipe ...	2
4L4	Nipples for above ...	3 0
4N4	Union nuts for above ...	3
20617	Petrol tank fixing bolt, rear end ...	4 4

Petrol Tank with Fittings and Petrol Pipes—contd.

Part Number	Description	Price Each
DT 16413	Rubber pad for above	2
DT 15	Petrol tank fixing bolt, front end	6
N3T 66/S	Rubber pad for above	3
HT 17	Plain metal washer for above	2
D1EQ 5	Speedometer driving cable clip (fits on petrol tank front end fixing bolt)	4

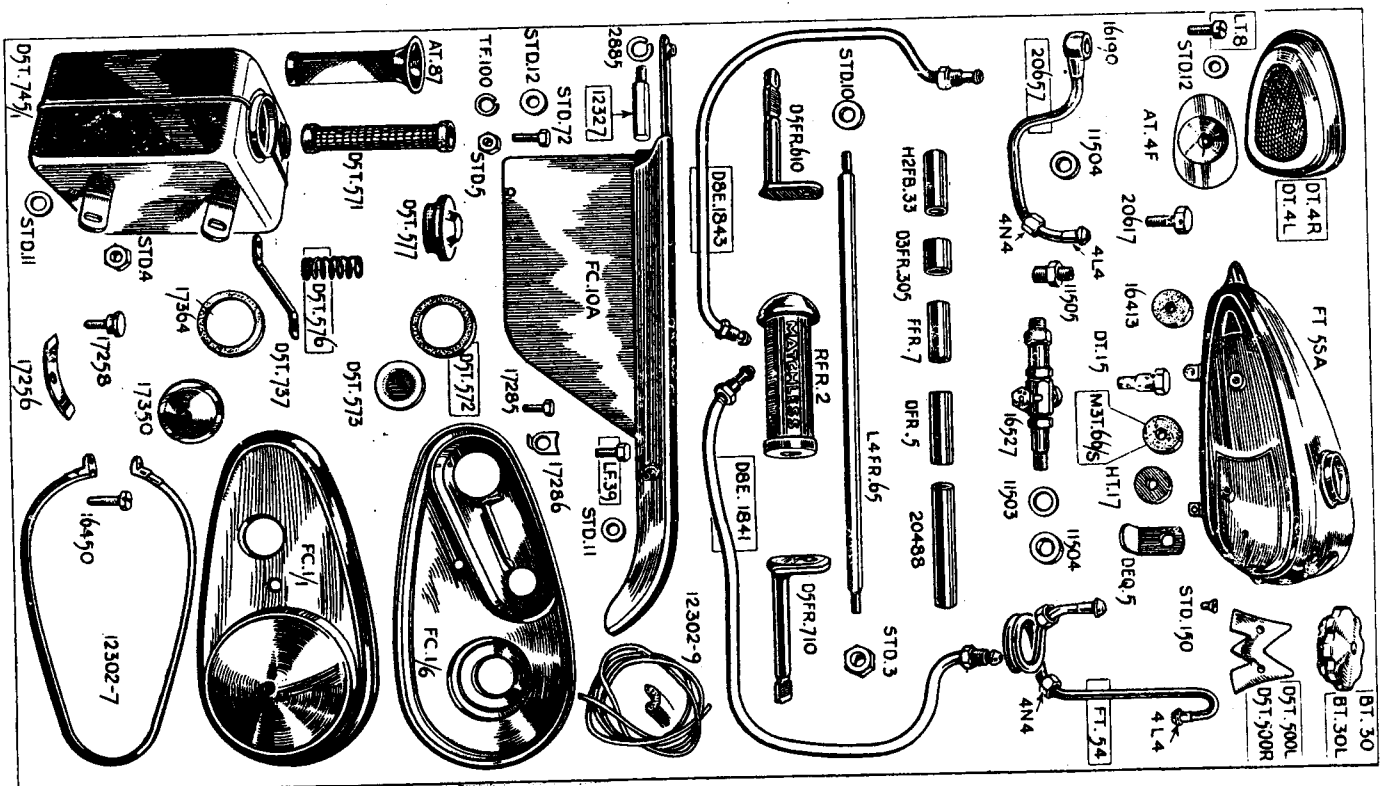
OIL TANK WITH FITTINGS AND OIL PIPES

D5T 745/1	Oil tank bare, less all fittings	18
STD 4	Oil tank fixing nuts	2
STD 11	Washers for above	1
D8E 1841	Oil feed pipe (tank to engine)	3
D8E 1843	Oil return pipe (engine to tank)	6
BT 30L	Oil tank filter cap	3
AT 87	Oil tank gauze filter	0
D5T 571	Oil tank felt cartridge filter	3
D5T 577	Oil tank filter cap	2
D5T 572	Oil tank filter cap	6
D5T 576	Cork washer for above	1
D5T 573	Spring for oil filter	4
D5T 737	Recessed washer for above spring	2
LF 39	Stay for oil tank, fits on tool box Bolt securing above stay to oil tank (3in. long under head)	3
STD 11	Washer for above	1
STD 70	Bolts securing stay to tool box	3
STD 5	Nuts for above	2
STD 12	Washers for above	1

CHAINS AND CHAIN GUARDS GROUP

FC 10A	Rear chain guard	10
12327	Long hexagon-headed bolt fixing front end of rear chain guard	0
2885	Spring washer for above	4
LF 39	Bolt fixing rear end of chain guard (3in. under head)	1
STD 11	Washer for above	3
STD 70	Bolt fixing bottom extension of chain guard to frame	1
TF 100	Spring washer for above	1
STD 12	Plain washer for above	1
STD 5	Nut for above	2
FC 17285	Front chain case, back or inner portion	12
FC 17286	Bolt securing above to crankcase (3 off)	6
1/1	Locking plates for above (3 off)	2
12302-9	Front chain case, outer portion	16
	Rubber band for front chain case	6

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Tanks, Chain Guards, Oil Pipes, Footrests, etc.

**Chains and Chain Guards Group—contd.**

Part Number	Description	Price Each
		£ s. d.
12302-7	Metal band for front chain case	...
16450	Pinch screw for above	5 0
17350/1	Front chain guard inspection cover complete	2
17350	Front chain guard inspection cover only	1 4
17364	Cork washer for above	4 4
17256	Fixing plate for inspection cover	2
17258	Screw for above	4 4
FE	Rear driving chain (112 links, $\frac{1}{2}$ in. x .305)	12 6
TC	Front driving chain (65 links, $\frac{1}{2}$ in. x .305)	12 9
8L3	Front or rear driving chain connecting link complete	7 7
8CL3	Front or rear driving chain cranked link	4 4
DE	Dynamo driving chain, endless (36 links, $\frac{1}{2}$ in. x 3/16in.)	4
LF	Rear chain adjusting screws or bolts	1 9
BF	Distance collars for above ( $\frac{1}{2}$ in. long)	9 9
STD	Lock nuts for above screws	2 2

**FOOTREST GROUP**

L4FR	Footrest rod (12 $\frac{1}{2}$ in. long)	1 9
STD	Footrest rod end nut	3 3
STD	Washer for above nut	1 1
D5FR	Left side footrest hanger	1 6
D6FR	Right side footrest hanger	1 9
RFR	Footrest rubber or pad	1 6
DFR	Footrest rod distance piece (fits between engine plates, 2 $\frac{1}{2}$ in. long)	3
20488	Right side footrest rod distance piece (3 $\frac{3}{8}$ in. long)	6
FFR	Distance piece for footrest rod (fits behind chaincase, 1 $\frac{1}{2}$ in. long)	4 4
D3FR	Distance piece for footrest rod (fits inside chaincase, 1in. long)	5 5
H2FB	Distance piece for footrest rod (fits outside chaincase, 2in. long)	4 4

**GEAR BOX GROUP**

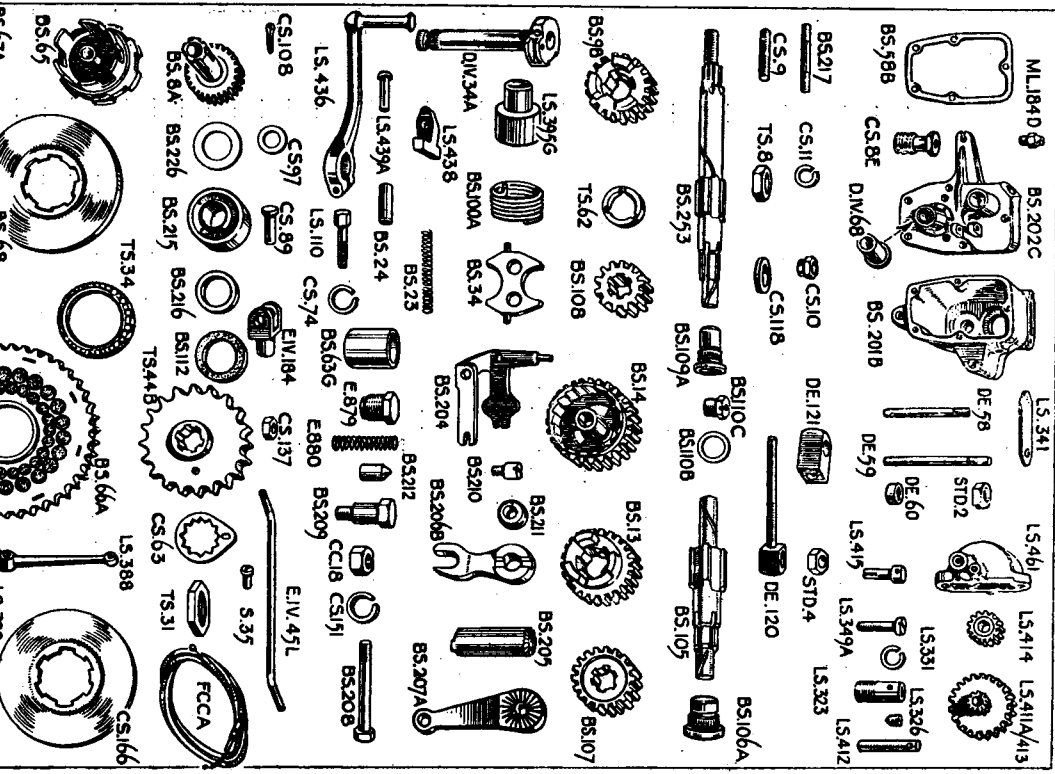
BS	Gear box shell only	1 5 0
BS	Gear box end plate or cover	16 0
CS	Short studs fixing end plate (4 off)	3 3
BS	Long stud fixing end plate (1 off)	3 3
CS	Nuts for above studs (5 off)	2 2
CS	Spring washers for above studs (5 off)	3 3
BS	Gear box end plate paper washer	2 2

**Gear Box Group—contd.**

Part Number	Description	Price Each
		£ s. d.
BS	Gear box main axle or shaft (7 $\frac{1}{2}$ in. long)	11 0
TS	Nut for above (secures clutch hub)	5
CS	Washer for above	1 1
BS	Gear box layshaft or axle (4 $\frac{1}{2}$ in. long)	9 0
BS	Mainshaft high-speed or sleeve pinion (23 teeth)	12 6
BS	Journal bearing for above	6 0
BS	Large steel washers for above (2 off)	1 1
BS	Distance collar for high-speed or sleeve pinion	...
TS	Gear box sprocket for rear chain (20 teeth)	7 6
BS	Felt washers for above (2 off)	2 2
TS	Lock nut for sprocket	8 8
CS	Locking plate for above	4 4
S	Screw securing above	1 1
BS	Middle gear sliding pinion for mainshaft (19 teeth)	7 0
BS	Middle gear sliding pinion for layshaft (23 teeth)	7 6
BS	Main axle small pinion (13 teeth)	3 6
BS	Layshaft small pinion (18 teeth)	4 6
BS	Low gear and kickstarter pinion (28 teeth)	8 6
TS	Thrust washer for gear box main axle	8 8
BS	Peg for above (fits in mainshaft)	1 1
DIV	Kickstarter axle (5 $\frac{1}{2}$ in. overall length)	11 6
DIV	Steel bush for above (fits in end plate)	1 6
LS	Kickstarter pawl	1 3
LS	Kickstarter pawl pin	3 3
LS	Kickstarter pawl plunger	3 3
BS	Kickstarter pawl plunger spring	1 1
BS	Kickstarter crank	11 0
LS	Kickstarter crank pinch bolt	3 3
CS	Spring washer for above	1 1
BS	Kickstarter crank return spring	1 0
LS	Kickstarter crank return spring cover	1 0
BS	Kickstarter axle distance tube (1 $\frac{1}{2}$ in. long)	3 3
BS	Bronze bush for main axle (fits in end plate)	2 0
BS	Adjusting bolt for main axle	4 4
BS	Shim washers for above	4 4
BS	Bronze bush for layshaft (presses in gear box shell)	1 1
BS	Gear operating rack with index plate	2 0
BS	Pivoting stud for above (hexagon head)	4 6
BS	Pivoting stud for above (plain type)	6 6
BS	Trunnion ball for gear operating rack	4 4
BS	Gear striker or slipper	2 0



**Gear Box Group—contd.**



Part Number	Description	Price Each
BS 205	Steel shaft or spindle for gear control	2 0
BS 206B	Forked arm for above	1 3
BS 207A	Short gear lever (fits on above shaft)	2 6
BS 208	Long bolt securing above to shaft (2 1/2 in. under head)	9
CC 18	Nut for above	2
CS 151	Spring washer for above	1 1
BS 212	Plunger for index plate	3
E 880	Spring for above	2
E 879	Steel housing for above (hexagon head)	1 0
CS 8E	Gear box filling plug	8
ML 184D	Grease nipple for above	3
DE 59	Top gear box fixing bolt (4 11/16 in. long)	6
DE 58	Bottom gear box pivot bolt (3 11/16 in. long)	6
STD 2	Nuts for above (4 off)	4
DE 60	Distance collar for top gear box fixing bolt (5/16 in. thick)	3
DE 120	Gear box eye adjusting bolt	6
STD 4	Nuts for above (2 off)	2
DE 121	Gear box adjuster block (screws on engine fixing bolt)	4
SD 27	Gear box speedometer drive complete	9 0
LS 341	Cover covering hole in gear box shell when speedometer drive is not fitted	3
LS 461	Speedometer drive aluminium casing only	2 6
LS 411A/413	Speedometer drive large pinion (21x11 teeth)	3 0
LS 412	Shaft for above	1 3
LS 326	Locking screw for above	1 1
LS 414	Speedometer drive small pinion (15 teeth)	0
LS 415	Shaft for above	1 3
LS 323	Brass bush for above	1 6
LS 326	Locking screw for above	1
LS 349A	Screw securing speedometer drive to gear box shell (2 off)	2
LS 331	Spring washer for above (2 off)	1

**CLUTCH GROUP**

BS 65	Clutch hub	12 0
BS 68	Clutch back plate (thick dished)	0
TS 34	Clutch sprocket bearing ball retainer with balls	3
BS 66A	Clutch sprocket with cork inserts (42 teeth)	16 0
TS 56	Large clutch cork inserts (23 off) per doz.	0
TS 57	Small clutch cork inserts (23 off) per doz.	4
LS 116	Large clutch ferodo inserts (23 off)	4

Gear Box Parts.

Clutch Group—contd.

Part Number	Description	Price Each
		£ s. d.
LS 116A	Small clutch ferodo inserts (23 off)	0 0 0
CS 166	Clutch centre plate (thin dished)	1 1 1
BS 67A	Clutch friction plate with fibre inserts (8 tongues)	2 3 3
CS 167A	Clutch outer plate with peg	6 0 0
TS 77	Clutch spring cup	2 3 0
TS 52B	Clutch spring	3 0 0
TS 55	Dished washer for above	1 8 0
BS 57	Clutch spring adjusting nut	6 6 0
CS 173A	Clutch spring cap	8 8 0
BS 151D	Clutch thrust or push rod (7 11/16in. long)	1 6 0
LS 94B	Clutch thrust pin (1 1/4in. long under head)	9 9 0
LS 396A	Clutch adjusting screw	9 9 0
CS 106A	Lock nut for above	3 3 0
LS 388	Clutch operating lever or arm	1 0 0
LS 392	Pin for above	4 0 0
CS 108	Split pin for above	3 6 0
FCCA	Clutch control cable complete, assembled	4 0 0
CS 191	Clutch control outer casing only (50in. long)	8 8 0
K 133	Clutch control inner cable only (34in. long)	2 8 0
CS 43	Spring for clutch cable	8 8 0
CS 106	Adjuster with lock nut for clutch cable	1 1 0
K 126	Nipple for handlebar end	6 6 0
CS 73	Nipple for gear box end	1 1 0

Gear Change Parts—contd.

Part Number	Description	Price Each
		£ s. d.
CS 108	Split pin for above	per doz.
CS 137	Lock nut for yoke end	1 1 0

Part Number	Description	Price Each
		£ s. d.
<b>REAR WHEEL AND BRAKE PARTS</b>		
31CA Rear wheel complete with all fittings (spindle, bearings and brake, etc.), less tyre and sprocket		
FH 31	Rear wheel, less all hub and brake fittings	3 0 0
FH 13	Rear wheel chain sprocket (48 teeth)	1 15 0
FH 12	Fixing bolts for above (5 off)	6 0 0
FH 11	Nuts for above	2 2 0
FH 10	Spring washers for above	2 2 0
FH 9CA	Rear brake cover plate assembled with shoes, expander and expander lever, etc.	1 1 0
FH 9	Rear brake cover plate only	13 2 0
FH 8	Rear brake shoe with linings (per pair)	3 0 0
FH 7	Own brake shoes relined and ground (per pair) under Messrs. Ferodo Ltd. service arrangement	6 0 0
FH 6	Internal brake shoe springs	5 0 0
FH 5	Rear brake shoe expander	3 0 0
FH 4	Rear brake shoe expander lever	1 9 0
FH 3	Nut securing above to expander	2 0 0
STD 10943	Spring washer for above nut	2 0 0
STD 11	Rear brake cover plate anchor bolt	1 1 0
STD 10499	Plain metal washer for above	4 1 0
STD 36	Nut for above	2 2 0
FBH 32	Split pin for above	1 1 0
FBH 3A	Cross head for rear brake expander lever	4 4 0
FBH 1	Rear brake rod	2 6 0
DB 1	Rear brake thumb adjusting knurled nut	6 6 0
D5B 508	Rear brake foot pedal	4 0 0
D5B 502	Rear brake foot pedal pull-off spring	7 0 0
LF 106	Bush for rear brake pedal	4 4 0
STD 4	Rear brake pedal fulcrum bolt (1 5/16in. long under head)	4 4 0
FBH 14	Nut for above	2 2 0
FBH 15	Rear wheel axle (8 1/4in. long)	1 11 0
FBH 16	Rear wheel axle adjusting cone	1 11 0
FBH 17	Rear wheel axle fixed cone	1 11 0
FBH 5/16B	Rear wheel hub cups	6 6 0
FBH 18	1 set 20 rear wheel balls (5/16in. dia.)	5 5 0
FBH 19	Metal dust cap for rear wheel hub end	2 2 0
FBH 20	Locking washer for adjusting cone	2 2 0
10215	Thin nut locking adjusting cone	3 3 0
10215	Axle end nuts	4 4 0

GEAR CHANGE PARTS

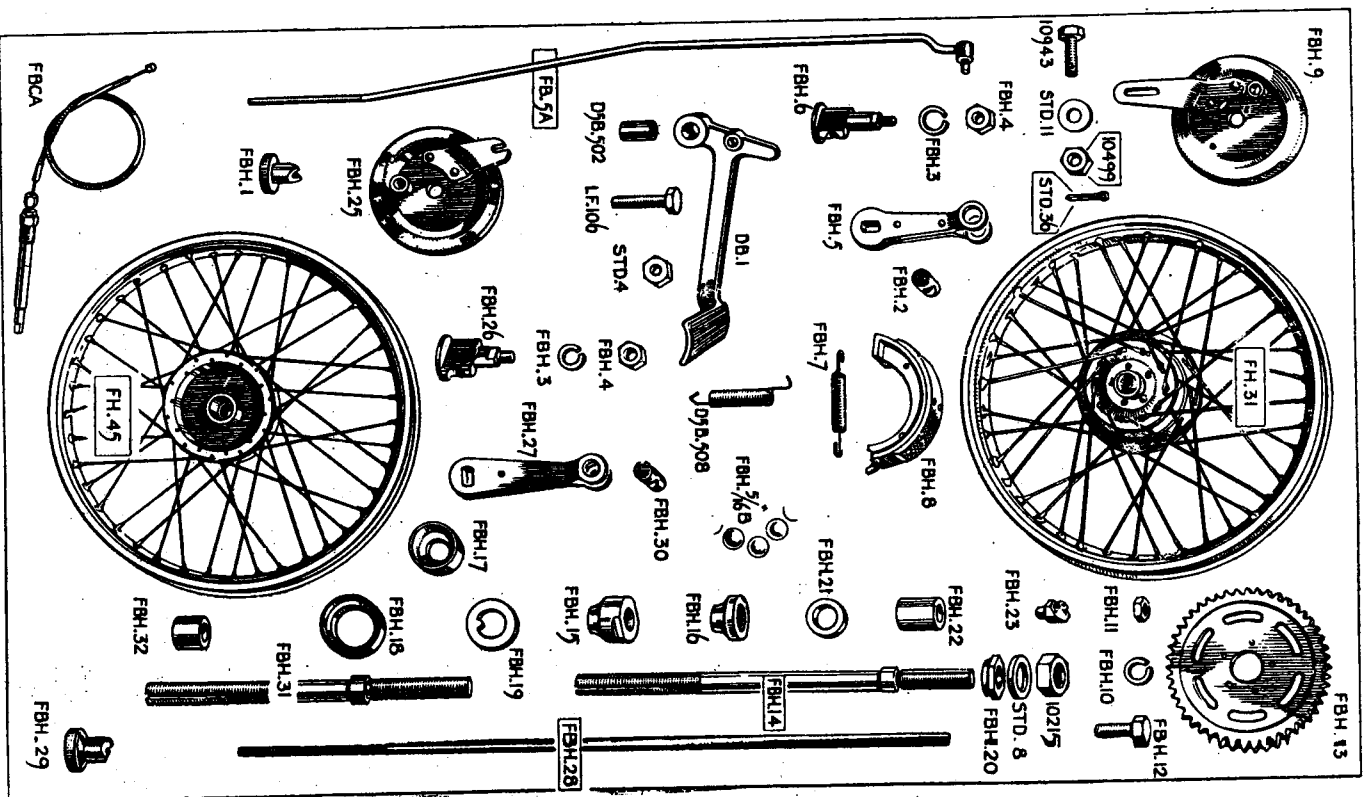
CS 184	Gear lever only	8 0 0
CS 94A	Gear lever knob	9 9 0
CS 98	Screwed collar securing above	2 2 0
CS 95A	Thick washer (fits under knob)	1 1 0
CS 183	Fulcrum screw for gear lever	10 10 0
CS 186	Spring washer for above	2 2 0
D5GL 504	Long gear lever fulcrum bolt (3 3/4in. over all length)	9 9 0
LM 17	Distance piece for above (2 5/16in. long)	3 3 0
STD 4	Nut for fulcrum bolt	2 2 0
CS 182D	Gear lever gate	3 6 0
CS 7	Bolt securing above, rear end	3 3 0
HM 12	Washer for above	3 1 0
STD 71	Bolt securing gear gate, front end (1 1/4in. long under head)	3 3 0
LM 15	Distance piece for above (1 3/16in. long)	2 2 0
STD 5	Nut for bolt	2 2 0
EIV 45L	Gear rod	1 0 0
EIV 184	Gear rod yoke end only	10 10 0
CS 89	Gear rod yoke end pin	2 2 0
CS 97	Washer for above	1 1 0

Rear Wheel and Brake Parts—contd.

Part Number	Description	Price Each
STD 8	Washers for above ... ..	1
FBH 21	Thin distance collar (fits between fixed cone and brake cover plate) ... ..	1
FBH 22	Long distance collar (fits between brake cover plate and fork end of frame, 1in. long) ... ..	3
FBH 23	Grease nipple for rear wheel hub ... ..	4
FBH 244	Brake drum side rear wheel spoke (20 off), (8 1/2/16in. long 9 x 11G) butted ... ..	4
FBH 43	Rear wheel spokes, sprocket side (20 off), (8 1/2in. long x 11G) ... ..	2
FH 34	Nipples for above (40 off) ... ..	1
FH 21	Rear wheel rim, drilled and enamelled ... ..	2
FBH 24	Rear hub shell only, with brake drum ... ..	8
FOC 2	Outer cover or tyre (26in. x 3.25in.) ... ..	12
FIT 2	Inner tube ... ..	0
FRT 2	Rim tape ... ..	4
		6
		6
		9

FRONT WHEEL AND BRAKE PARTS

FH 45CA	Front wheel complete with all fittings (spindle, bearings and brake, etc.), less tyre ... ..	2	18	0
FH 45	Front wheel, less all hub and brake fittings ... ..	1	13	0
FBH 26CA	Front brake cover plate assembled with brake shoes, expander and expander lever, etc. ... ..	13	2	2
FBH 25	Front brake cover plate only ... ..	7	2	0
FBH 8	Front brake shoes with linings (per pair) ... ..	6	6	0
	Own brake shoes relined and ground (per pair) under Messrs. Ferodo Ltd. service arrangement) ... ..	5	0	0
FBH 7	Front brake shoe internal springs ... ..	3	3	0
FBH 26	Front brake shoe expander ... ..	1	9	0
FBH 27	Expander lever ... ..	2	0	0
FBH 4	Nut securing above to expander ... ..	2	2	0
FBH 3	Spring washer for above, ... ..	2	1	1
	Front brake cable complete assembled with spring box ... ..	3	6	6
FBCW	Front brake inner cable only ... ..	6	6	0
FBCO	Front brake outer cable only ... ..	1	9	0
H 993	Nipple for inner cable, handlebar end ... ..	1	1	1
	Screwed nipple for above, brake rod end ... ..	3	3	0
11753	Front brake cable adjuster ... ..	4	4	0
11751	Lock nut for above ... ..	1	1	0
11750	Outer or case portion of spring box ... ..	1	6	0
11756		1	6	0



Wheel and Brake Parts.

Part Number

Front Wheel and Brake Parts—contd.

Part Number	Description	Price Each £ s. d.
11752	Reducing nipple (screws on end of brake rod)	1 0
FBH 28	Front brake rod	6
FBH 29	Front brake knurled thumb adjusting nut	6
FBH 30	Cross head for front brake expander lever	4
FBH 23	Front hub grease nipple	4
FBH 31	Front wheel axle (6 5/16in. long)	1 11
FBH 15	Front wheel adjusting cone	1 11
FBH 16	Front wheel fixed cone	1 11
FBH 17	Front wheel hub cups	1 11
FBH 5/16B	1 set (20) ball bearings for front hub (5/16in. dia.)	6
FBH 18	Metal dust caps for hub end	5
FBH 19	Locking washer for adjusting cone	2
FBH 20	Thin nut locking adjusting cone	2
10215	Axle end nuts	3
STD 8	Washers for above	4
FBH 21	Thin distance collar (fits between fixed cone and brake cover plate)	1
FBH 32	Distance collar (fits between brake cover plate and front fork girder, 11/16in. long)	3
FBH 33	Front wheel hub shell only, with brake drum	4
FBH 21	Front wheel rim, drilled and enamelled	10 6
FBH 52	Left side front wheel spoke (20 off), 8 7/16in. long x 11G	8 0
254	Long brake drum side front wheel spoke (20 off), 8 3/4in. long 9 x 11G butted	1
FH 34	Nipples for above (40 off)	2
FOC 2	Outer cover or tyre (26in. x 3.25in.)	2
FIT 2	Inner tube	1 4
FRT 2	Rim tape	6 6

BATTERY AND LAMPS, ETC.

Part Number	Description	Price Each £ s. d.
7E1	Battery only, less lid	15 0
2171B	Lid for battery	0
LES 26	Rubber sleeve for connector	6
LES 28	Plain brass collar for connector	2
LES 27	Plug for connector (external thread)	1
LES 29	Socket for connector (internal thread)	6
LTF	Terminal end for earth wire	6
STD 79	Nut securing above to frame wire	2
DE 285	Battery carrier only	1
AE 180	Battery carrier pinch bolt	4
AE 177	Screwed collar for above	0
AE 178	Plain collar for above	4 4
		5 5
		3 3

Battery and Lamps, etc.—contd.

Part Number	Description	Price Each £ s. d.
DE 181/B	Bottom battery carrier fixing strap	6
STD 40	Screw securing above to battery carrier	1
STD 4	Nuts fixing battery carrier to frame	2
STD 11	Washers for above	1
515,211	Head lamp complete with switch cables and all fittings	0
SK 49	Head lamp switch knob	9
	Screw securing above	2
	Head lamp rim	0
515,207	Head lamp glass	5 0
NB 330/18	Head lamp bulb (12 watts 6 volts)	1 6
BAS 1S	Large head lamp bulb (3 watts 6 volts)	2 6
BAS 8S	Small head lamp bulb (3 watts 6 volts)	1 3
MES 252A	Warning light bulb	4
DFE 173	Head lamp brackets, long	8
FFF 73	Head lamp brackets, short	6
HM 7	Head lamp brackets to fork girder	3
STD 12	Bolts securing brackets to fork girder	1
NG 25/4/CP	Washers for above	3
MT 210	Head lamp fixing nuts	8
NB 438/13	Rear lamp complete	6
NB 438/14	Main portion of rear lamp with red glass	3 0
BAS 8S	Back portion of rear lamp, less bulb	4 3
BH 15	Rear lamp bulb (3 watts 6 volts)	1 3
117,541	Adaptor for rear lamp wire	6
165,051	Screws securing rear lamp to number plate	1 1
T3EQ 100	Nuts for above	1
T3EQ 110	Spring clips for lighting cables (3 11/16in. long)	3
T3EQ 21	Spring clips for lighting cables (3in. long)	3
AEQ 20	Spring clips for lighting cables (1 1/2in. long)	2

ELECTRIC HORN GROUP

Part Number	Description	Price Each £ s. d.
HF 317/6/AO	H.F. electric horn	1 5
L 4215/3	H.F. electric horn bracket	0
FEQ 3	Metal strap supporting horn bracket	1 6
ME 54	Long bolt securing above to engine plates (3 11/16in. long x 3/4in. dia.)	10
STD 3	Nuts for above	3
STD 10	Washers for above	3
DF 73	Bolt securing horn bracket to support strap	1 1
STD 3	Nut for above	4
STD 10	Washer for above	3 3
	(For horn switch see handlebar group)	1

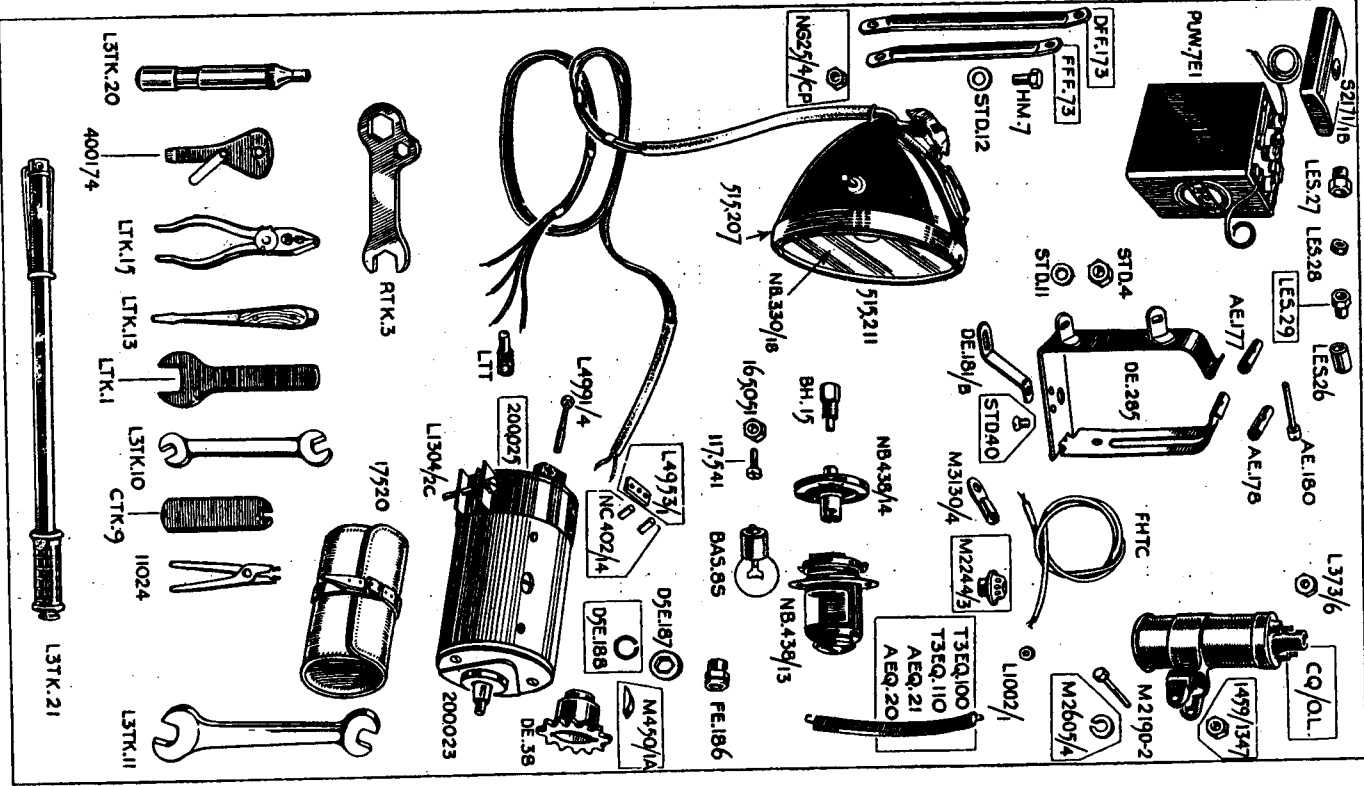
**SPEEDOMETER GROUP**

Part Number	Description	Price Each
S	Speedometer head only (non-trip type)	1 10 0
S	Speedometer head only (trip type)	1 10 0
JI	Speedometer head fixing plate	1 5 0
FEQ	Long bolt supporting speedometer (3 3/4 in. long)	3 3 0
M4MD	Distance piece for above	3 3 0
STD	Nut securing plate to above bolt	3 3 0
N	Nuts securing plate to speedometer head	2 2 0
J	Clamp securing outer driving casing to speedometer head	4 4 0
J	Screw for above	2 2 0
J	Screw fixing inner driving cable to speedometer head shaft	2 2 0
FSCA	Speedometer drive cable complete (55 in. long)	16 0 0
FSS	Speedometer drive outer casing only (55 in. long)	8 0 0
FSW	Speedometer drive inner cable only (55 in. long)	8 0 0
DEQ	Flat metal spring clip securing speedometer driving cable to front petrol tank fixing bolt	4 4 0

(For gear box drive parts see gear box group)

**TOOLS**

Part Number	Description	Price Each
17520/1	Tool bag, complete with all tools	14 0 0
17520	Tool bag only	2 6 0
L3TK	Large forged spanner (1/2 in. x 3/4 in.)	1 1 0
L3TK	Small forged spanner (1/4 in. x 5/16 in.)	1 1 0
RTK	Plug spanner	1 0 0
CTK	Tappet adjusting spanner	9 9 0
LTK	Pliers	1 6 0
11024	Gudgeon pin pliers	6 6 0
LTK	Screwdriver	9 9 0
L3TK	Grease gun	4 0 0
LTK	Cone adjusting spanner	6 6 0
400174	Combined screwdriver and gauge for contact breaker point adjustment	6 6 0
L3TK	Tyre pump or inflator	3 9 0
TTK	Valve spring compressor (not in standard tool kit)	3 9 0
L3TK	Valve grinding tool or tommy clamp (not in standard tool kit)	5 9 0
TTK	Valve spring compressor (not in standard tool kit)	5 9 0
BGG	Special oil gun for control cables (not in standard tool kit)	6 6 0
BGG	Standard tool kit	5 9 0



Electrical Sundries, Tools, etc.

**CARBURETTOR GROUP**

Part Number	Description	Price Each
		g. a. d.
5/154/CA	Carburettor complete, less control cables	1 13 6
5/154	Carburettor body or mixing chamber	10 0
AE 66	Studs securing above to cylinder head	3 2
STD 4	Nuts for above	2 2
4/038(4)	Venturi air intake or funnel	2 6 0
5/058	Sprayer base (size 30)	5 0 0
4/061	Jet holder (screws in above)	1 9 9
4/042 No. 130	Carburettor main jet (size 130)	5 5
4/063	Stop screw for throttle slide	6 6
16/010	Lock nut for above	2 2
13/129	Pilot jet air adjusting screw	6 6
16/010	Lock nut for above	2 2
CE 156	Gasket for inlet port	2 2
4/062	Bottom mixing chamber nut securing sprayer base	1 6
4/040	Fibre washer for above	2 2
22/006/15HZ	Float chamber	8 6
13/153	Float chamber drain plugs (2 off)	2 2
14/039	Fibre washers for above	1 1
22/016	Float	2 6
22/013	Float needle	11 11
22/012	Float chamber cap	2 6
22/021	Tickler	7 7
14/032	Tickler spring	2 2
14/033	Split pin for tickler	1 1
4/043	Large hollow bolt securing float chamber to spraying chamber	2 0
4/053	Fibre washers for above (2 off)	2 2
5/052	Throttle valve or slide (size 5/3)	3 10
5/045	Air valve or slide	2 6
5/065	Jet taper needle	1 3
4/041	Spring cotter securing above to throttle valve	4 4
4/060	Split pin for throttle valve (securing control cable)	1 1
4/037	Spring for throttle valve	3 3
4/046	Spring for air valve	3 3
4/047	Brass sleeve or guide for air valve	2 2
4/032	Mixing chamber top cap	1 9
4/035	Control cable adjusters (screw in above)	4 4
4/031	Knurled lock ring securing mixing chamber cap	1 9
D8E 1899	Rubber sleeve (fits over above)	2 2
FACA	Air control cable complete, assembled	2 3
FTCA	Throttle control cable complete, assembled	2 3
FTCO	Throttle control outer casing only	1 9

**Carburettor Group—contd.**

Part Number	Description	Price Each
		g. a. d.
FTCW	Throttle control inner wire only	4 6
H 1967	Nipple for throttle control, handlebar end	1 1
4/148	Nipple for throttle control, carburettor end	2 2
FACO	Air control outer casing only	1 9
FACW	Air control inner wire only	6 6
H 3327	Nipple for above, handlebar end	1 1
4/148	Nipple for above, carburettor end	2 2

**MODEL 34/F (4-SPEED MODEL) PARTS WHICH DIFFER FROM 3-SPEED MODEL**

**ENGINE GROUP**

FB 50	Rear engine plate, left or right	4 0
FE 89	Special O.H.V. rocker box bolt for steady stay	7 7
STD 4	Nut securing cylinder head steady stay	2 2
FE 110	Cylinder head steady stay	7 7
20403	Frame tube clip for steady stay	3 3
LF 32	Pinch bolt for steady stay clip	3 3
STD 4	Nut for steady stay clip bolt	2 2
STD 11	Washer for steady stay clip bolt	1 1
2988	Spring washer for special rocker box bolt	1 1

**FRAME GROUP**

FF 223	Front portion of frame (hand gear change)	3 0 0
FF 124	Rear portion of frame (foot gear change)	2 5 0

**TANK GROUP**

FT 3B	Petrol tank, bare (hand gear change)	3 6 0
FT 105	Petrol tank, bare (foot gear change)	3 5 0

**MUDGUARD GROUP**

FM 4R/1	Rear portion of rear mudguard (standard)	13 0
D8M 804R/1	Rear portion of rear mudguard (chromium edge)	16 8
12199/1E	Rear number plate (drilled for steady stays)	3 0
20663R	Rear number plate steady stay (right side)	6 6
20663L	Rear number plate steady stay (left side)	6 6
STD 106	Screw securing stay to rear number plate	1 1
STD 24	Nut for securing stay to rear number plate	2 2
STD 106	Screw securing stay to rear mudguard	1 1
STD 24	Nut securing stay to rear mudguard	2 2

**REAR BRAKE GROUP**

Part Number	Description	Price Each E. S. d.
DB 201A	Rear brake pedal and shaft (foot change only)	8 6
DB 211	Rear brake pedal shaft lever (foot change only)	2 6
LF 19	Nut securing pedal shaft lever (foot change only)	2
STD 10	Washer for nut securing pedal shaft lever (foot change only)	1
AB 68	Left side grease nipple for brake pedal shaft	2
P 65	Right side angular grease nipple for shaft	6
DB 208	Rear brake pedal pull off spring (foot change only)	7
FB 105A	Rear brake rod (foot change only)	2 9
2512	Rear brake rod yoke end pin (foot change only)	3
STD 14	Split pin for yoke end pin (foot change only)	1
17236	Spring washer for brake pedal shaft (foot change only)	2

**GEAR BOX PARTS (BURMAN 4-SPEED) SHELL GROUP**

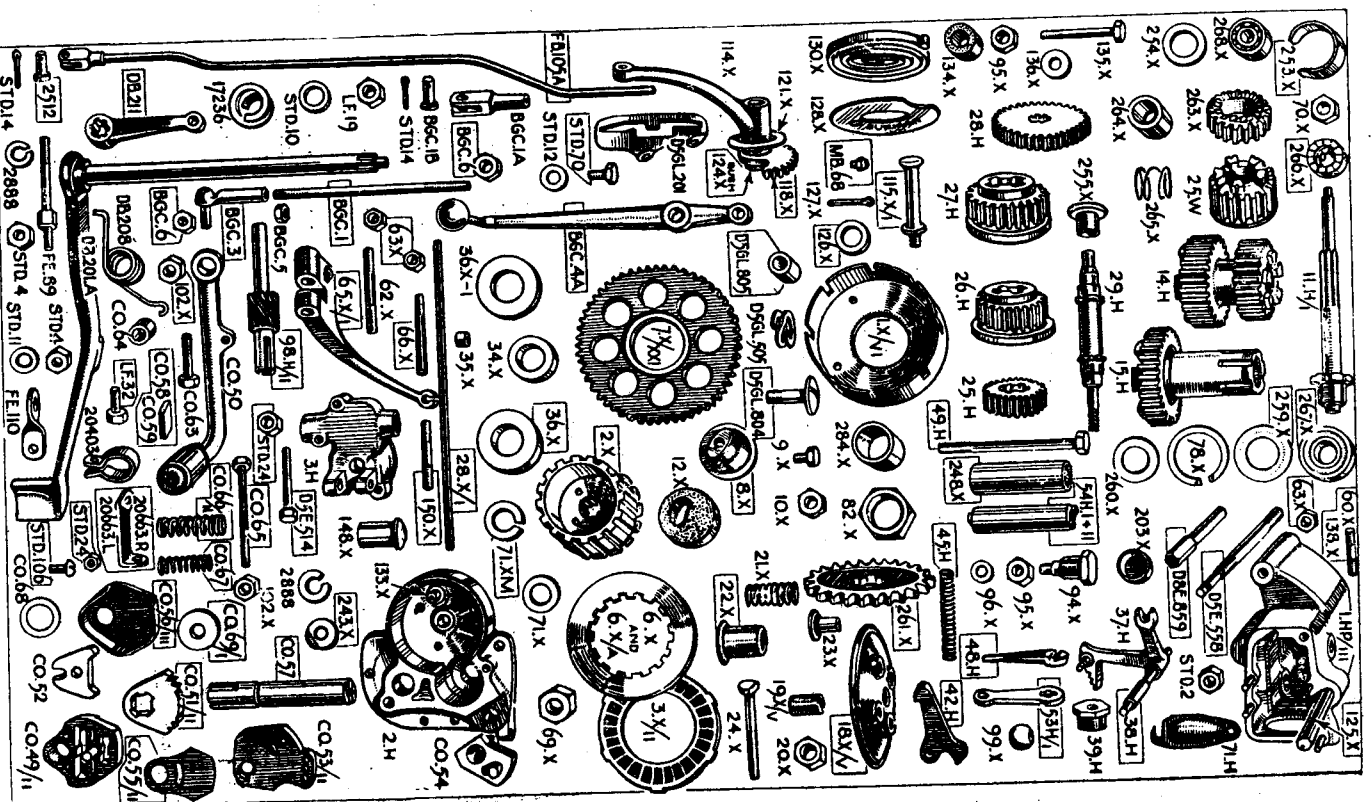
IHP/111	Gear box shell only	1 5 0
2H	Gear box end plate	16 6
60X	Studs securing gear box end plate	6
63X	Nuts securing gear box end plate	2
71H	Grease cap or cover for gear box shell	1 6
138X	Studs securing grease cover	6
63X	Nuts securing grease cover	2

**FIXING BOLT GROUP**

D5E 558	Bottom gear box fixing bolt with extension	8
D8E 859	Extended nut for top bolt (right-hand side)	1 3

**GEAR BOX BEARING GROUP**

267X	Ball bearing (2 1/4 in. x 7/16 in. x 1 3/16 in.) for high-speed sleeve pinion	12 3
259X	Grease retaining washer for sleeve pinion bearing	4
78X	Spring ring retaining sleeve pinion bearing	4
260X	Shim washer (1 11/16 in. x 1 3/16 in. hole) for sleeve pinion bearing	3
268X	Ball bearing in end plate (35 mm. x 11 mm. x 15 mm.)	10 0
255X	Bush for layshaft in gear box shell	3 0



Parts of Four-speed Gear Model which differ from Three-speed Type.

## Gear Box Bearing Group—contd.

Part Number	Description	Price Each £ s. d.
255X	Bush for layshaft in end plate	3 0
254X	External washer for mainshaft bearing (1 9/16in. x 29/32in. hole)	3 0
253X	Retaining spring ring for ball bearing in end plate	1 0

## GEAR AND SHAFT GROUP

11H/1	Mainshaft (10 $\frac{1}{2}$ in. long overall)	1 5 0
29H	Layshaft (7 $\frac{1}{2}$ in. long overall)	1 5 0
15H	High-speed sleeve pinion, with bushes (29 teeth)	1 12 6
14H	Mainshaft sliding gear wheel (23 and 26 teeth)	1 5 0
25W	Mainshaft low gear pinion, with collar (17 teeth)	12 0
28H	Layshaft low gear pinion (32 teeth)	12 0
27H	Layshaft sliding pinion (26 teeth)	17 6
26H	Layshaft sliding pinion (23 teeth)	17 6
25H	Layshaft high gear pinion (20 teeth)	10 0

## GEAR OPERATING GROUP, INTERNAL

37H	Gear changing bell crank, less spindle	8 6
39H	Bush for gear change bell crank (screws in shell)	1 0
48H	Gear operating lever (inside box)	4 0
99X	Ball for end of gear operating lever	1 6
54H/1 & 11	Hollow shaft for internal lever (hand change)	4 0
CO	Hollow shaft for internal lever (foot change)	5 0
248X	Steel bush for hollow shaft (hand change), fits in end plate	3 0
38H	Bell crank spindle only	2 6
CO	Steel bush for hollow shaft (fits in end plate, foot change)	5 0
53H/1	External gear change lever (fits on hollow shaft)	2 6
49H	Bolt securing internal and external levers, 3 3/16in. x 5/16in. (hand change)	1 0
CO	Bolt securing internal lever and foot change mechanism, 4 $\frac{3}{8}$ in. x 5/16in. (foot change model only)	1 3
243X	Lock washer for bolt head (inside box)	2
2888	Spring washer for bolt outside end	1

## Gear Operating Group, Internal—contd.

Part Number	Description	Price Each £ s. d.
CO	Large washer for bolt outside end (foot change only)	1 1
102X	Nut for bolt outside end	3 3
42H	Gear indexing lever or pawl	2 0
94X	Bolt securing gear index pawl (screws in shell)	1 3
95X	Nut for bolt securing gear index pawl	3
96X	Washer for bolt securing gear index pawl	1
203X	Cap for head of bolt supporting gear index pawl	2
45H	Spring for gear indexing pawl	9

## GEAR OPERATING GROUP, EXTERNAL

BGC	4A Hand gear change lever with knob	10 0
D6GL	804 Fulcrum screw for hand change lever	9
D5GL	805 Tubular bush for fulcrum screw	3
D5GL	505 Spring washer for fulcrum screw	2
D6GL	201 Gate for hand gear change	3 6
STD	70 Bolt securing gate to tank	2
STD	12 Washer for bolt securing gate to tank	1
BGC	1 Hand gear change rod only	2 0
BGC	1A Top gear rod yoke end	1 6
BGC	1B Pin for top gear rod yoke end	4
STD	14 Split pin for yoke end pin	1
BGC	3 Bottom gear rod ball joint	2
BGC	6 Nut securing ball joint to lever on gear box	6
BGC	6 Locking nut for top gear rod yoke end	3
BGC	5 Locking nut for bottom gear rod ball joint	3
CO	50 Foot gear change pedal	5 0
CO	63 Anchoring bolt for foot change pedal	1 3
CO	64 Distance collar for anchor bolt	1
102X	Nut for foot change pedal anchor bolt	2
CO	49/11 Foot gear change control body (aluminium)	6 0
CO	55/11 Back plate for control body	1 0
CO	56/111 Outer cap or cover for foot gear control	3 6
CO	53/11 Main plate for foot control (to which pedal is fixed)	3 6
CO	51/11 Foot gear change index plate	4 0
CO	52 Foot gear change index pawl	1 6
CO	66/11 Foot change control spring, long	6
CO	67 Foot change control spring, short	4
CO	58 End plate for short spring	2
CO	59 End plate for long spring	2
CO	68 Shim washer for foot change control	1



**FINAL DRIVE GROUP**

Part Number	Description	Price Each \$ ¢	Q. d.
261X	Sprocket for rear chain (19 teeth)	10	0
284X	Spacing collar for sprocket	2	6
82X	Nut securing sprocket to high-speed sleeve pinion	1	9

**KICKSTARTER GROUP**

Part Number	Description	Price Each \$ ¢	Q. d.
121X	Kickstarter crank washer	10	0
118X	Kickstarter crank toothed quadrant	1	6
124X	Kickstarter crank bush (retaining quadrant)	9	0
114X	Kickstarter crank only	4	6
125X	Kickstarter axle (fits in shell)	2	2
MB	Grease nipple for kickstarter crank	1	2
127X	Split pin retaining kickstarter crank	3	0
126X	Washer retaining kickstarter crank	2	0
115X/1	Pedal pin for kickstarter crank	4	0
266X	Kickstarter ratchet plate (fits on mainshaft)	5	0
70X	Nut for mainshaft, kickstarter end	2	0
263X	Kickstarter ratchet pinion (14 teeth)	2	0
264X	Bush for K.S. ratchet pinion	2	0
265X	Spring for K.S. ratchet pinion	2	0
130X	Spring for K.S. crank return	2	0
128X	Cover plate for K.S. return spring	2	0
135X	Bolt retaining K.S. cover plate	3	3
95X	Nut for bolt retaining K.S. cover plate	3	3
134X	Rubber buffer for K.S. return	3	3
133X	Supporting bush for rubber buffer (fits in end plate)	8	3
136X	Washer for bolt retaining K.S. cover plate	3	3

**CLUTCH GROUP**

Part Number	Description	Price Each \$ ¢	Q. d.
7X/XX1	Clutch sprocket (50 teeth x 7/16in. pitch)	1	0
28X/1	Clutch thrust rod (1 1/8in. x 3/16in. diam.)	1	0
6X	Clutch plate, plain, thin (3 off)	2	0
6X/A	Clutch plate, plain, thick (1 off)	2	0
3X/11	Clutch plate with fabric inserts (3 off)	5	0
1X/VI	Clutch driver or case	12	0
18X/V	Clutch spring pressure plate	9	0
19X/V	Screwed centre stud for pressure plate	6	6
20X	Lock nut for pressure plate stud	1	0
2X	Clutch hub	0	0
69X	Nut securing clutch hub to mainshaft	3	3
71X	Plain washer for clutch hub fixing nut	1	1
71XM	Locking washer for clutch hub fixing nut	2	0
34X	Hardened roller race for clutch sprocket	3	0
35X	Clutch sprocket rollers (24 off) ... per set	3	6

**Clutch Group—contd.**

Part Number	Description	Price Each \$ ¢	Q. d.
36X	Hardened steel washer for clutch sprocket (thick)	9	9
36X-1	Hardened clutch sprocket washer (thin)	6	6
21X	Clutch springs (4 off)	6	6
22X	Clutch spring thimbles (4 off)	4	4
24X	Clutch spring bolts (4 off)	4	4
23X	Clutch spring adjusting nuts (4 off)	4	4
12X	Shock absorber rubber for clutch sprocket (4 off)	2	2
8X	Metal retainer for clutch shock absorber rubber (4 off)	9	9
9X	Bolt securing metal retainer (4 off)	2	2
10X	Nut for bolt securing metal retainer (4 off)	1	1
3H	Clutch lever bracket (aluminium)	6	6
62X	Long stud securing clutch lever bracket	4	4
150X	Short stud securing clutch lever bracket	3	3
63X	Nuts securing clutch lever bracket (2 off)	2	2
65X/1	Clutch actuating lever (fits on bracket)	2	0
66X	Fulcrum screw for clutch actuating lever	9	9
63X	Lock nut for clutch lever fulcrum screw	2	2

**SPEEDOMETER DRIVE GROUP**

Part Number	Description	Price Each \$ ¢	Q. d.
98-H/11	Speedometer drive worm (fits in clutch lever bracket)	5	0
148X	Bush for speedometer drive worm (ditto)	3	6
D5E	Speedometer cable locking bolt (ditto)	3	3
STD	Nut for speedometer cable locating bolt	2	2
FSCA/B	Speedometer drive cable, inner and outer assembled	13	0
FSIW/B	Speedometer drive cable, inner only	6	6
FSOC/B	Speedometer drive cable, outer only	6	6

# 35/F4 PARTS WHICH DIFFER FROM 34/F4

## FLYWHEEL GROUP (Engines 970 and over)

Part Number	Description	Price Each
		£ s. d.
20821	Flywheel axle, transmission side ...	11 6
FE 419	Flywheel only, transmission side ...	10 0
11955	Nut for securing flywheel axle to flywheel...	5
12074/6	Key for flywheel axle, transmission side ...	2

## CRANKCASE GROUP (Engines 2000 and over only)

20822	Spacer washer between ball races in crankcase ...	6
FE 109	Crankcase complete with studs and bushes (Valve lifter type) ...	3 15 0
FE 432/L	Timing cover with bushes only ...	12 6
FE 283	Exhaust tappet guide ...	4 0

## TIMING GEAR GROUP (Engines 2000 and over only)

FE 284	Exhaust tappet body ...	3 3
FE 332	Inlet cam shaft ...	9 6
FF 531	Exhaust cam shaft ...	10 3
D/8E 2860	Collar for valve lifter (fits on tappet body) ...	1 0

## VALVE LIFTER GROUP (Engines 2000 and over only)

D/8E 2861	Valve lifter lever and spindle ...	3 6
D/8E 2863	Spring for valve lifter lever... ..	3 3
D/8E 2862	Valve lifter cable cross head ...	9 0
STD 74	Lock nut for cable cross head ...	2
	(For valve lifter cable see Cable Group.)	

## SPROCKET AND CHAIN GROUP (Engines 970 and over)

20815/16	Engine and dynamo sprocket, 16x17 teeth	9 6
20816	Distance piece behind engine sprocket ...	6 6
2805	Cam for shock absorber ...	3 9
D/5E 701	Spring for shock absorber ...	1 6
D/8E 2802	Cap for shock absorber spring ...	8
D/8E 2806	Nut for shock absorber ...	6 6
20862	Dynamo sprocket ...	3 6
20865	Nut for above ...	6 6

## Sprocket and Chain Group (Engines 970 and over)—contd.

Part Number	Description	Price Each
		£ s. d.
D/5E 187	Locking washer for nut ...	2
DE 188	Spring ring to fix locking plate on nut ...	1
20881	Dynamo chain, 47 links, 3/8x.225 pitch ...	5 6

## CHAINCASE GROUP (Engines 970 and over)

20817/1	Front chaincase, outer half ...	16 6
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## IGNITION GROUP (Engines 970 and over)

200,171	Lucas dynamo, 30 watt, Type E3A ...	2 10 0
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## HANDLEBAR GROUP (Engines 2000 and over only)

XFF 166	Handlebar fitted with valve lifter bracket... ..	1 2 6
H 3306	Exhaust valve lifter lever ...	2 6
H 3282	Fulcrum screw for above ...	5 5
H 8	Nut for above ...	2 2
H 3283	Adapter for valve lifter cable ...	3 3

## FORK GROUP

FFF 1/3	Front fork girder only ...	2 12 0
20853	Front fork spindle top, front or rear (6 31/32in. long under head) ...	1 5
20852	Front fork spindle bottom, rear (7 3/16in. long under head) ...	1 6
20851	Front fork spindle bottom, front ...	1 6
20848	Right side top front fork link (plain hole) ...	1 3
20849	Left side top front fork link (threaded hole) ...	1 6
11643	Right side bottom fork link (plain hole) ...	1 6
11642	Left side bottom fork link (threaded hole) ...	1 9
3067/P	Lock nut for spindles (4 off) ...	3 3
16405	Front fork spindle washer (4 off), thin ...	1 1
STD 10	Front fork spindle washer ...	1 1
FFF 21/3	Head clip ...	7 6
FFF 19/3	Front fork crown and stem ...	13 0

## FRAME GROUP

FF 223	Front portion of main frame, hand gear change ...	3 7 6
FF 23	Front portion of main frame, foot gear change ...	2 15 0

## PETROL TANK GROUP

Part Number		Price Each £ s. d.
FT 5B	Petrol tank, less all fittings, for hand gear change	3 7 6
FT 105	Petrol tank, less all fittings, for foot gear change	3 5 0

## CABLE GROUP (Engines 2000 and over only)

35CA 60	Valve lifter cable complete (assembled)	3 0
35CC 60	Valve lifter cable outer case, 2ft. 6in. long (with thimbles)	1 6
35CW 60	Valve lifter cable inner wire, 2ft. 10in. long	6 6
HG 91	Valve lifter cable adjuster, short	5 4
16884 6	Lock nut for above	4 1
VL 4	Nipple for inner wire, each end	1 1

## LUCAS SERVICE DEPOTS

In the event of any difficulty with any part of the Lucas electrical equipment, no matter how trivial, Messrs. Lucas will be only too pleased to give every assistance possible. The best course to adopt is to call at the nearest Lucas Service Depot (the addresses of which are given below), when the equipment can be examined as a whole. The depots are not only at your disposal for repairs, overhauls and adjustments, but to give free advice.

- BELFAST**—3-5, Calvin Street, Mountpottinger.  
Telephone: Belfast 7017. Telegrams: "Servdep, Belfast."
- BIRMINGHAM**—Great Hampton Street.  
Telephone: Central 8401 (10 lines). Telegrams: "Lucas, Birmingham."
- BRIGHTON**—Old Shoreham Road, Hove.  
Telephone: Preston 3001 (4 lines). Telegrams: "LuserV, Brighton."
- BRISTOL**—345, Bath Road.  
Telephone: Bristol 8400 (4 lines). Telegrams: "Kingly, Bristol."
- CARDIFF**—54a, Penarth Road.  
Telephone: Cardiff 4603 (4 lines). Telegrams: "Lucas, Cardiff."
- COVENTRY**—Priory Street.  
Telephone: Coventry 3068 and 3841. Telegrams: "Lucas, Coventry."
- DUBLIN**—41, Middle Abbey Street.  
Telephone: Dublin 653. Telegrams: "Autolite, Dublin."
- EDINBURGH**—32, Stevenson Road, George.  
Telephone: Edinburgh 62921 (4 lines). Telegrams: "LuserV, Edinburgh."
- GLASGOW**—227-229, St. George's Road.  
Telephone: Douglas 3075 (5 lines). Telegrams: "Lucas, Glasgow."
- LEEDS**—44, Roseville Road.  
Telephone: Leeds 28591 (5 lines). Telegrams: "Luserdep, Leeds."
- LIVERPOOL**—450-456, Edge Lane.  
Telephone: Old Swan 1408 (3 lines). Telegrams: "LuserV, Liverpool."
- LONDON**—Dordrecht Road, Acton Vale, W.3.  
Telephone: RIVERSIDE 3160 (10 lines). Telegrams: "Dynamagna, Act, London."
- LONDON**—759, High Road, Leyton, E.10.  
Telephone: Walthamstow 2161 (3 lines). Telegrams: "Luserdep, Walt, London."
- LONDON**—155, Merton Road, Wandsworth, S.W.18.  
Telephone: Putney 5131 (6 lines) and 5501. Telegrams: "LuserV, Wands, London."
- MANCHESTER**—Talbot Road, Streteford.  
Telephone: Longford 1101 (5 lines). Telegrams: "Lucas, Streteford."
- NEWCASTLE-ON-TYNE**—64-66, St. Mary's Place.  
Telephone: Central 3571 (3 lines). Telegrams: "Motolite, Newcastle-on-Tyne."

Part Number

Description of Part

Price  
£  
s.  
d.

**FRAME GROUP**

FF	223	Front portion of main frame, hand gear change	3	7	6
FF	23	Front portion of main frame, foot gear change	2	15	0

**PETROL TANK GROUP**

FT	5B	Petrol tank, less all fittings, for hand gear change	3	7	6
FT	105	Petrol tank, less all fittings, for foot gear change	3	5	0

**CABLE GROUP (Engines 2000 and over only)**

35CA	60	Valve lifter cable complete (assembled)	3	0	0
35CC	60	Valve lifter cable outer case, 2ft. 6in. long, (with thimbles)	1	6	6
35CW	60	Valve lifter cable inner wire, 2ft. 10in. long	6	6	6
HG	91	Valve lifter cable adjuster, short	5	5	5
	16884	Lock nut for above	4	4	4
VL	4	Nipple for inner wire, each end	1	1	1



**35/F4 PARTS which  
differ from**

**34/F4**

# ENGINE SECTION.

Part Number. Description of Part. Price. £ s. d.

## FLYWHEEL GROUP (Engines 970 and over)

20821	Flywheel axle, transmission side	11	6
FE 419	Flywheel only, transmission side	10	0
11955	Nut for securing flywheel axle to flywheel	5	5
12074/6	Key for flywheel axle, transmission side	2	2

## CRANKCASE GROUP (Engines 2000 and over only)

20822	Spacer washer between ball races in crankcase	6	6
	Crankcase complete with studs and bushes (Valve lifter type)	3	15
FE 432/L	Timing cover with bushes only	12	6
FE 283	Exhaust tappet guide	4	0

## TIMING GEAR GROUP (Engines 2000 and over only)

FE 284	Exhaust tappet body	3	3
FE 532	Inlet cam shaft	9	6
FF 531	Exhaust cam shaft	10	3
D/8E 2860	Collar for valve lifter (fits on tappet body)	1	0

## VALVE LIFTER GROUP (Engines 2000 and over only)

D/8E 2861	Valve lifter lever and spindle	3	6
D/8E 2863	Spring for valve lifter lever	3	3
D/8E 2862	Valve lifter cable cross head	9	9
STD 74	Lock nut for cable cross head (For valve lifter cable see Cable Group.)	2	2

## SPROCKET AND CHAIN GROUP (Engines 970 and over)

20815/16	Engine and dynamo sprocket, 16x17 teeth	9	6
20816	Distance piece behind engine sprocket	6	6
D/8E 2805	Cam for shock absorber	3	9
D/5E 701	Spring for shock absorber	1	6

Part Number. Description of Part. Price. £ s. d.

D/8E 2802	Cap for shock absorber spring	8	8
D/8E 2806	Nut for shock absorber	6	6
20862	Dynamo sprocket	3	6
20865	Nut for above	6	6
D/5E 187	Locking washer for nut	2	2
DE 188	Spring ring to fix locking plate on nut	1	1
20881	Dynamo chain, 47 links, 8x.225 pitch	5	6

## CHAINCASE GROUP (Engines 970 and over)

20817/1	Front chaincase, outer half	16	6
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## IGNITION GROUP (Engines 970 and over)

200,171	Lucas dynamo, 30 watt, Type E3A	2	10
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## HANDLEBAR GROUP (Engines 2000 and over only)

XFF 166	Handlebar fitted with valve lifter bracket	1	2
H 3306	Exhaust valve lifter lever	2	6
H 3282	Fulcrum screw for above	5	5
H 8	Nut for above	2	2
H 3283	Adapter for valve lifter cable	3	3

## FORK GROUP

FFF 1/3	Front fork girder only	2	12
20853	Front fork spindle top, front or rear (6. 31/32in. long underhead)	1	5
20852	Front fork spindle bottom, rear (7. 3/16in. long underhead)	1	6
20851	Front fork spindle bottom, front	1	6
20848	Right side top front fork link (plain hole)	1	3
20849	Left side top front fork link (threaded hole)	1	6
11643	Right side bottom fork link (plain hole)	1	6
11642	Left side bottom fork link (threaded hole)	1	9
3067/P	Lock nut for spindles (4 off)	3	3
16405	Front fork spindle washer (4 off), thin	1	1
STD 10	Front fork spindle washer	1	1
FFF 21/3	Head clip	7	6
FFF 19/3	Front fork crown and stem	13	0