



SPARE PARTS LIST

FOR
CLUBMAN
 1938 OVERHEAD VALVE MODELS

G2.	G3.	G80.
G2M.	G3C.	G80C.
G2MC.	G4.	G90.

PRICE 1/- NETT

**MATCHLESS
 MOTOR CYCLES**

(Proprietors: ASSOCIATED MOTOR CYCLES LIMITED)

PLUMSTEAD, LONDON, S.E.18



SPARES LIST FOR ALL

1938 MATCHLESS OVERHEAD VALVE MOTOR CYCLES

" CLUBMAN " MODELS.

38/G2	250 c.c.	SINGLE PORT	COIL	IGNITION.
38/G2M	250 c.c.	SINGLE PORT	MAGNETO	IGNITION.
38/G3	350 c.c.	SINGLE PORT	MAGNETO	IGNITION.
38/G80	500 c.c.	TWO PORT	MAGNETO	IGNITION.

All above have 26in. by 3.25in. tyres, and low or high exhaust pipes are optional.

" SUPER CLUBMAN " MODELS.

38/G4	350 c.c.	SINGLE PORT	MAGNETO	IGNITION.
38/G90	500 c.c.	TWO PORT	MAGNETO	IGNITION.

All the above have 26in. by 3in. front tyres, 26in. by 2.50in. rear tyres, polished cylinder head and ports, check spring type front forks, red panels to tanks, red instrument panels, red centres to rims, and low or high exhaust pipes are optional.

" CLUBMAN SPECIAL " MODELS.

(Competition Models).

38/G2MC	250 c.c.	SINGLE PORT	MAGNETO	IGNITION.
38/G3C	350 c.c.	SINGLE PORT	MAGNETO	IGNITION.
38/G80C	500 c.c.	SINGLE PORT	MAGNETO	IGNITION.

All the above have 27in. by 4.00in. rear tyres, 27in. by 2.75in. front tyres (26in. by 3in. on Model G2MC), polished cylinder heads and ports, crankcase shields, special competition gear ratios, adjustable mountings for the saddle rear springs, shallow section mudguards, and only high exhaust pipes are fitted.

ALL PRICES AND SPECIFICATIONS ARE SUBJECT TO ALTERATION WITHOUT NOTICE.

THE FOLLOWING ABBREVIATIONS ARE USED IN THIS LIST:—

- " 250 " meaning all 250 c.c. O.H.V. Models.
 " 350 " meaning all 350 c.c. O.H.V. Models.
 " 500 " meaning all 500 c.c. O.H.V. Models.
 " ALL " meaning all O.H.V. Models.
 " COMP " meaning all Competition Models (G2MC, G3C and G80C).

Unless otherwise stated, only one of each item is used on a machine.

A separate Spares List is issued for all 1938 Side Valve Matchless " TOURIST " Models. (Models G5, G7 and X).

An increase of ten per cent. was made in the prices of all Motorcycle 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. Please note the prices of spares do not include the cost of carriage. Spares can only be sent " Carriage Forward " by Goods Train.

HOW TO ORDER SPARES.

STATE:—

- (1) The Model of the machine.
- (2) The engine number (with the letters forming part of the engine number).
- (3) The frame number.
- (4) The description or name of parts required.
- (5) The part numbers of the parts required.
- (6) The quantity of each item that is required.
- (7) Say how you wish the spares to be sent.
- (8) Enclose remittance to cover the cost of the spares and the carriage. (Unless you have a deposit account or wish the goods to be sent C.O.D.) Please Note.—We only send goods by C.O.D. when the total value is five shillings or over.
- (9) Your full name and address. These particulars are best written in block lettering.

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

ADDRESS ALL CORRESPONDENCE TO:—

Messrs. MATCHLESS MOTOR CYCLES,
 44-45, PLUMSTEAD ROAD, LONDON, S.E.18.

ADDRESS ALL GOODS TO:—

Messrs. MATCHLESS MOTOR CYCLES,
 BURRAGE GROVE, PLUMSTEAD, LONDON, S.E.18.

Telegrams: " MATCHLESS, WOL, LONDON."

Telephone: WOOLWICH 1223.

ENGINE SECTION.

Description.	Used on.	Price Each.	Part Number.
CYLINDER GROUP.			
		£ s. d.	
Barrel .....	... 250	... 1 17 6	... 37-G2-E1
Barrel .....	... 350	... 2 0 0	... 37-G5-E1
Barrel .....	... G80, G80C	... 2 2 0	... 37-G8-E1
Barrel .....	... G90	... 2 10 0	... 38-G9-E1
Compression plate, for barrel base ... (A)	... G90	... 1 9	... 37-22T-E3-P
Compression plate, for barrel base ... (B)	... G90	... 1 9	... 38-G9-E3-P
Paper washer, for base .....	... 250	... 1	... 37-12-E5
Paper washer, for base .....	... 350 and 500	... 2	... 37-8-E5
Nut, for cylinder base	(2 off) ... 250	... 2	... STD 4
Nut, for cylinder base	(4 off) ... 350 and 500	... 5	... STD 217
Nut, for cylinder base	(2 off) ... 250	... 6	... STD 240

(A) Only used when high compression piston is fitted. See Piston Group for conditions of use.

(B) Used to obtain standard compression ratio. See Piston Group for conditions of use.

CYLINDER HEAD GROUP.

Head	(D) ... G2, G2M	... 1 16 5	... 38-G2-E2
Head (polished)	(D) ... G2MC	... 2 11 9	... 38-G2MC-E2
Head	(D) ... G3	... 2 2 6	... 38-G3-E2
Head (polished)	(D) ... G3C	... 2 17 6	... 38-G3-E2-P
Head (polished)	(C) ... G4	... 6 6 0	... 38-G4-E2-A
Head (polished)	(H) ... G4	... 6 6 0	... 38-G4-E2
Head	(D) ... G80	... 2 10 0	... 38-G8-E2
Head (polished)	(C) ... G80C	... 5 5 0	... 38-G8C-E2
Head (polished)	(C) ... G90	... 6 10 0	... 38-G9-E2-A
Head (polished)	(G) ... G90	... 6 10 0	... 38-G9-E2
End cap, for cylinder head	(2 off) ... G4, G90	... 1 6	... STD 795
Cork washer, for end cap	(2 off) ... G4, G90	... 2	... STD 583

(C) Price does not include valve guides (5s. extra with guides). Not used after engine number.

(D) Price does not include valve guides (4s. 6d. extra with guides).

(G) Used on engines No. 3050 and after.

(H) Used on engines with the letter X included in the engine number.

Gasket, for cylinder head .....	... 250	... 5	... 20371
Gasket, for cylinder head .....	... 350	... 5	... 12268
Gasket, for cylinder head .....	... G80, G80C	... 5	... DBE 1804
Gasket, for cylinder head .....	... G90	... 10	... 38-G9-E4
Bolt, securing head	(4 off) ... 250	... 1 6	... FE 88
Bolt, securing head	(4 off) ... G5, G5C	... 1 6	... FE 88
Bolt, securing head	(4 off) ... G80, G80C	... 1 6	... 37-8-E89
Bolt, securing head	(E) Front (2 off) ... G4, G90	... 1 9	... 38-G9-E89
Bolt, securing head	(E) Rear (2 off) ... G4	... 1 6	... 38-G4-E88
Bolt, securing head	(E) Rear (2 off) ... G90	... 1 9	... 38-G9-E88
Bolt, securing head	(F) (4 off) ... G4, G90	... 1 9	... 38-G9-E89

(E) Only used on engines issued up to end of MARCH, 1938.

(F) Only used on engines issued after MARCH, 1938.

Washer, for cylinder head bolt	(4 off) ... 250	... 1	... STD 170
Washer, for cylinder head bolt	(4 off) ... G4, G90	... 1	... STD 10
Stud, fixing carburetter	(2 off) ... G2, G4	... 3	... STD 271
Stud, fixing carburetter	(2 off) ... G2M, G2MC	... 3	... STD 271
Stud, fixing carburetter	(2 off) ... G2M, G2MC	... 3	... 38-G2M-E161
Stud, fixing carburetter	(2 off) ... G5, G5C	... 3	... 37-8-E161
Stud, fixing carburetter	(2 off) ... G80, G80C	... 3	... 37-8-E161
Stud, fixing carburetter	(2 off) ... G90	... 3	... 38-G9-E66
Nut, for carburetter stud	(2 off) ... All	... 2	... STD 4
T piece, for inlet valve oil pipe	(K) ... 250 and G5	... 1 9	... 37-8-E287
T piece, for inlet valve oil pipe	(K) ... G3C, G80, G80C	... 1 9	... 37-8-E287
Lock nut, for T piece	(K) ... 250 and G5	... 2	... STD 5
Lock nut, for T piece	(K) ... G3C, G80, G80C	... 2	... STD 5
Needle adjusting screw, for T piece ... (L)	... All	... 5	... 38-G5-E358
Lock nut, for adjusting screw .....	... All	... 4	... STD 212

(K) A T piece is not fitted to Models G4 and G90 because the oil ways are cast in the cylinder heads.

(L) On Models G4 and G90 this screws into the cylinder head.

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

Description.	Used on.	Price. Each.	Part Number.
VALVE GROUP.			
Inlet valve	250	7 6	STD 675
Inlet valve	350	6 6	STD 676
Inlet valve	500	8 6	STD 678
Exhaust valve	250	7 6	STD 675
Exhaust valve	350	7 6	STD 677
Exhaust valve	500	8 6	STD 679
Guide, for valve	250 and G3	2 3	STD 660
Guide, for valve	G3C, G80, G80C	2 3	STD 660
Guide, for valve	G4, G90	2 6	38-G4-E148
Spring, for valve (inner)	(M) (2 off)	6	CE 211
Spring, for valve (inner)	(N) (2 off)	2 9	37-G3-E211
Spring, for valve (inner)	(N) (2 off)	2 9	37-G3-E211
Spring, for valve (inner)	(N) (2 off)	3 6	38-G4-E211
Spring, for valve (outer)	(P) (2 off)	1 0	CE 212
Spring, for valve (outer)	(P) (2 off)	2 9	37-G3-E212
Spring, for valve (outer)	(P) (2 off)	2 9	37-G3-E212
Spring, for valve (outer)	(P) (2 off)	3 6	38-G4-E212

(M) These are coil pattern springs.

(N) These are hairpin pattern springs having narrow prongs at the base.

(P) These are hairpin pattern springs having wide prongs at the base.

Collar, for valve spring	(2 off)	250	1 2	V2E 209
Collar, for valve spring	(2 off)	350 and 500	2 6	35-G3-E209
Seat, for valve spring	(2 off)	250	10	LE 490-R
Seat, for valve spring	(2 off)	G3, G3C	1 3	35-G3-E190
Seat, for valve spring	(2 off)	G80, G80C	1 3	35-G3-E190
Seat, for valve spring	(2 off)	G4, G90	1 6	38-G4-E190
Screw, for locating valve spring seat	(4 off)	G4, G90	5	38-G4-E193
Nut, locking seat locating screw	(4 off)	G4, G90	2	STD 5
Collet, for valve (in two pieces)	(2 off)	All	9	STD 686
Cap, or thimble, for valve	(2 off)	All	7	STD 685
Inlet valve, complete	(R)	250	11 6	STD 675-A
Inlet valve, complete	(R)	G3, G3C	15 10	STD 676-MA
Inlet valve, complete	(R)	G4	17 4	STD 676-MA4
Inlet valve, complete	(R)	G80, G80C	17 10	STD 678-MA
Inlet valve, complete	(R)	G90	19 4	STD 678-M9A
Exhaust valve, complete	(R)	250	11 6	STD 675-A
Exhaust valve, complete	(R)	G3, G3C	15 10	STD 677-MA
Exhaust valve, complete	(R)	G4	18 4	STD 677-MA4
Exhaust valve, complete	(R)	G80, G80C	17 10	STD 679-MA
Exhaust valve, complete	(R)	G90	19 4	STD 679-M9A

(R) A "Complete" valve, includes: valve stem, inner spring, outer spring, spring collar, valve stem collet and valve stem cap, or thimble.

PISTON GROUP.

Piston, bare	(S)	250	10 0	D2E 1212
Piston, bare	(T)	350	11 0	D5E 512
Piston, bare	(V)	G80, G80C	15 0	D5E 712
Piston, bare (7.1 to 1)	(V)	G80, G80C	1 0	D8E 812
Piston, bare	(V) (W)	G90	1 0	38-G9-E112
Ring, for piston, 1/16" wide	(S) (5 off)	250	1 6*	DE 11
Ring, for piston, 1/16" wide	(T) (5 off)	350	1 6*	D3E 511
Ring, for piston, 1/16" wide	(V) (5 off)	G80, G80C	1 9*	D5E 611
Ring, for piston, 1/16" wide	(V) (2 off)	G90	1 9*	D5E 611
Scraper ring, for piston, 1/8" wide	(V)	G90	2 9*	36-G8-E111
Gudgeon pin, for piston		250	2 0	D2E 1214
Gudgeon pin, for piston		350	3 0	D3E 1614
Gudgeon pin, for piston		500	3 5	D5E 614
Circlip, for gudgeon pin	(2 off)	All	4	STD 750
Piston, complete	(Y) (S)	250	19 3*	D2E 1212-A
Piston, complete	(Y) (T)	350	1 0 8*	D3E 512-A
Piston, complete	(Y) (V)	G80, G80C	1 6 1*	D5E 712-A
Piston, complete	(Y) (V)	G90	1 15 8*	38-G9-E12-A
Piston, complete, high compression	(X) (S) (X)	250	2 0	M 124
Piston, complete, high compression	(Y) (T)	350	2 2	M 123
Piston, complete, high compression	(Y) (V)	G80, G80C	1 11 2	D8E 812-A
Piston, complete, ultra high comp.	(Y) (T)	350	3 3 6	M125
Piston, complete, ultra high comp.	(Y) (V)	G80, G80C	2 5 0	36-G8-E112

(S) 62.5 m.m. diameter. (T) 69 m.m. diameter. (V) 82.5 m.m. diameter.

(W) When the base compression plate 38-G9-E3-P is fitted, this piston gives a compression ratio of 6.16 to 1. This is the standard ratio for normal use. When the base plate is discarded the compression ratio is then 7.34 to 1. This is termed the High ratio.

(X) When the base compression plate 37-22T-E3-P is fitted, this piston gives a high compression ratio. When the base plate is discarded the compression ratio is then "Ultra high."

(Y) A "Complete" piston includes: piston, all rings, gudgeon pin and gudgeon pin circlips.

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

COMPRESSION RATIOS.

Model.	Ratio.	Description.	Piston to use.
All 250 ...	7.1 to 1	Standard	D2E 1212
	9.0 to 1	High	M 124 with plate 37-22T-E3-P
	11.0 to 1	Ultra high	M 124 (without plate)
All 350 ...	6.5 to 1	Standard	D3E 312
	8.18 to 1	High	M 123
	11.0 to 1	Ultra high	M 125
G80 and G80C	6.2 to 1	Standard	D5E 712
	7.1 to 1	High	D8E 812-A
	11.0 to 1	Ultra high	36-G8-E112
G90	6.16 to 1	Standard	38-G9-E12 with plate 38-G9-E3-P
	7.34 to 1	High	38-G9-E12 (without plate)

With Standard compression ratio any good brand of No. 1 petrol may be used as fuel.

With High compression ratio the fuel should consist of 50 per cent. pure Benzol and 50 per cent. No. 1 petrol.

With Ultra high compression ratio it is essential to use an Alcohol fuel. High and Ultra high compression pistons are only sold in "Complete" form. All are polished.

Standard compression pistons and rings, .020"ns. oversize, to suit re-bored cylinders, are stocked and supplied at no extra charge. When ordering these, clearly specify "OVERSIZE." Cylinders may be re-bored and oversize pistons with rings (standard compression ratio only) supplied to suit at an inclusive charge, as under. Note the prices do not include new gudgeon pins and circlips. Carriage is additional.

STANDARD CHARGES FOR RE-BORING CYLINDERS (see above)

Models—G2, G2M, G2MC	£1 8 6
Models—G3, G3C, G4	£1 10 0
Models—G80, G80C	£1 14 6
Model—G90	£2 1 6

(New gudgeon pins and circlips extra).

Description.	Used on.	Price. Each.	Part Number.
CRANKCASE GROUP.			
Crankcase, complete	(C)	250	4 7 6
Crankcase, complete	(C)	350 and 500	4 7 6
Drain plug, for crankcase	All		38-B-E108
Plug screw, for crankcase oil holes	(3 off)	All	4
Fibre washer, for oil hole screw	(3 off)	All	1
Timing gear cover, with bushes	G2	12 6	STD 205
Timing gear cover, with bushes	All but G2	12 6	37-8-E78
Paper washer, for timing gear cover	All	12 6	35-G3-E32
Dowel peg, locating timing cover	(2 off)	All	2
Screw, fixing timing gear cover	(5 off)	All	1
Magneto chaincase cover	All but G2	5 0	STD 577
Screw, fixing magneto chain cover	(6 off)	All but G2	5 0
Magneto nipple, for magneto chain cover	All but G2	2	STD 482
Cap, in timing cover, for inlet cam bush	G2	3	35-G3-E29
Cap, in timing cover, for inlet cam bush	All but G2	3	STD 484
Stud, for cylinder base	(4 off)	G2 and G2M	3
Stud, for cylinder base	(4 off)	G2MC	3
Stud, for cylinder base	(4 off)	G3, G3C, G4	3
Stud, for cylinder base	(4 off)	G80, G80C, G90	3
Ball, for cylinder oil feed valve	All	1	STD 511
Plug, for cylinder oil feed valve	All	3	STD 21
Spring, for cylinder oil feed valve	All	2	STD 576

(C) "Crankcase, complete" includes: all bronze bushes and cylinder base studs, but does not include, timing gear and magneto chain case covers.

Halves of crankcase (£2 3s. 9d. each) must be matched in the factory. Therefore it is necessary to send the SOUND HALF of crankcase when ordering a new half.

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Description.	Used on.	Price Each.	Part Number.
CRANKCASE BEARING GROUP.			
Bush, for timing side flywheel axle...	All	£ 3 0	STD 650
Ball bearing, for driving axle (2 off)	250	10 0	RLS 7
Ball bearing, for driving axle (2 off)	350 and 500	10 9	RLS 8
Spacing washer, between bearings	250	3 0	20486
Spacing washer, between bearings	350 and 500	3 0	16866
Spacing collar, between bearings	250	9 0	STD 651
Spacing collar, between bearings	350 and 500	9 0	16899-A
Bush, for inlet cam, in crankcase	All	1 9	STD 651
Bush, for inlet cam, in timing cover	G2	1 9	STD 651
Bush, for inlet cam, in timing cover	All but G2	1 9	STD 652
Bush, for exhaust cam, in crankcase	All	1 9	STD 651
Bush, for exhaust cam, in timing cover	G2	2 0	FE 156
Bush, for exhaust cam, in timing cover	All but G2	1 9	STD 651

CRANKCASE UNDERSHIELD GROUP.

Undershield, bare	Comp.	5 6	37-G3-EQ204
For the bolts, fixing the undershield to the machine, see Crankcase Bolt Group, above.			

CRANKCASE BOLT GROUP.

Front bolt, top position, 4 $\frac{1}{2}$ "	(D) (L)	All	4	STD 277
Front bolt, centre position, 3 $\frac{3}{8}$ "	(D) (F)	All	4	STD 274
Front bolt, bottom position, 3 $\frac{3}{8}$ "	(D)	All	3	STD 275
Bottom bolt, front position, 6 $\frac{1}{2}$ "	(D) (G,H)	All but Comp.	5	STD 281
Bottom bolt, front position, 6 $\frac{1}{2}$ "	(D) (G,J)	Comp.	5	D5C 308
Bottom bolt, rear position, 4 $\frac{1}{2}$ "	(E)	All but Comp.	4	STD 261
Bottom bolt, rear position, 4 $\frac{1}{2}$ "	(E) (K)	Comp.	4	STD 263
Rear bolt, top position, 3 $\frac{1}{2}$ "	(D)	All	3	STD 275
Rear bolt, centre position, 3 $\frac{1}{2}$ "	(D)	All	3	STD 275
Rear bolt, bottom position, 3 $\frac{1}{2}$ "	(D)	All	3	STD 275

(D) This bolt is 5/16in. diameter and is screwed 26 to the inch.

(E) This bolt is 1/4in. diameter and is screwed 26 to the inch.

(F) This bolt supports the electric horn bracket.

(G) This bolt passes through the crankcase and also unites the front and rear portions of the frame

(H) On machines fitted with downswept exhaust pipes this bolt supports the stay for the front clip on the exhaust pipe.

(J) This bolt also passes through the front end of the crankcase undershield.

(K) This bolt also passes through the rear end of the crankcase undershield.

(L) On 250 c.c. machines fitted with upswept exhaust pipes this bolt supports the stay for the front clip on the exhaust pipe.

Spacer, for bottom, front bolt (2 off)	All	5	37-G3-F66
Washer, for bottom, front bolt (2 off)	All	1	STD 184
Washer, for front, top bolt (2 off)	All	1	STD 11
Nut (dome), for bottom, front bolt (2 off)	All	5	STD 621
Nut, for bottom, rear bolt (2 off)	All	2	STD 5
Nut, for all front and rear bolts (12 off)	All	2	STD 4

(M) When a high exhaust pipe is fitted to any 250 c.c. model, this washer, on the right hand side, is discarded.

CONNECTING ROD GROUP.

Rod, only, with bushes	(Z)	250	1 1 0	D2E 1244
Rod, only, with bushes	(Z)	350 and 500	1 3 6	37-G8-E44
Liner, only, for big end	(A)	250	2 6	L4E 318-A
Liner, only, for big end	(A)	350 and 500	4 6	37-G8-E16-A
Bush, only, for gudgeon pin	250	2 6	RE 45	
Bush, only, for gudgeon pin	350 and 500	2 9	L3E 99	
Crankpin, only	250	4 9	AE 17	
Crankpin, only	350 and 500	8 6	37-G8-E17	
Nut, for crankpin (2 off)	250	5	STD 230	
Nut, for crankpin (2 off)	350 and 500	7	STD 233	
Roller, for crankpin, standard (30 off)	All	2	STD 75	
Roller, .001" oversize (30 off)	All	2	STD 75-001	
Cage, for crankpin rollers	350 and 500	7 6	37-G8-E18	
Washer, for crankpin rollers (2 off)	250	9	DE 18	
Washer, for crankpin rollers (2 off)	350 and 500	1 0	D8E 1818	

(Z) "Rod with bushes" includes: bare connecting rod, big end liner and bush for gudgeon pin.

(A) Although we list big end liners as separate spares, we recommend Matchless owners to send their 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.

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

Description.	Used on.	Price Each.	Part Number.
FLYWHEEL GROUP.			
Flywheel only, timing side	250	£ 10 0	37-12-E25
Flywheel only, timing side	350	12 6	38-G5-E25
Flywheel only, driving side	250	12 6	38-G8-E25
Flywheel only, driving side	350	10 0	37-12-E19
Flywheel only, driving side	500	14 0	38-G5-E19
Axle, for flywheel, timing side	All	12 6	38-G8-E19
Axle, for flywheel, driving side	250	8 0	STD 760
Axle, for flywheel, driving side	350 and 500	11 6	37-12-E20
Key, for driving side flywheel axle	All	15 6	37-G8-E20
Nut, for timing side flywheel axle	All	3 0	STD 573
Nut, for driving side flywheel axle	250	5 0	STD 230
Nut, for driving side flywheel axle	350 and 500	7 0	STD 235
Lock screw, for timing side axle nut	All	5 0	STD 234
		1 0	STD 15

OIL PUMP GROUP.

Plunger, for oil pump	All	6 0	STD 770
Guide screw, for pump plunger	All	6 0	38-12-E96
Front end cap, for pump	All	1 0	STD 773
Rear end cap, for pump	All	6 0	STD 772
Washer, for pump end caps (2 off)	All	1 0	STD 582
Screw, fixing front cap (4 off)	All	1 0	STD 15
Bolt, fixing rear cap (4 off)	All	2 0	STD 591

RELEASE VALVE GROUP.

Release valve body	All	1 0	STD 856
Diaphragm, for valve body	All	2 0	STD 856

For release valve discharge pipe, see the Oil Pipe Group in the Tank Section.

TIMING GROUP.

Inlet camshaft, assembled	G2	9 6	37-12-F132
Inlet camshaft, assembled	All but G2	10 3	D8E 2932
Exhaust camshaft, assembled	G2	10 6	FE 551
Timing pinion, on flywheel axle	All but G2	9 6	D8E 2951
Key, for timing pinion	All	3 0	E4E 1028
Nut, retaining timing pinion to axle	All	3 0	STD 570
	All	3 0	STD 221

TAPPET GROUP.

Inlet tappet, bare	All	2 6	STD 670-A
Exhaust tappet, bare	All	3 3	STD 671-A
Collar, for exhaust tappet	All	1 0	STD 638
Guide, for inlet tappet	All	2 6	STD 661
Guide, for exhaust tappet	All	4 0	STD 662

PUSH ROD GROUP.

Rod, bare (2 off)	250	1 2	FE 15
Rod, bare (2 off)	350 and G90	1 2	20818
Rod, bare (2 off)	G80 and G80C	1 6	37-8-F115
Ball end, bottom, for push rod (2 off)	All	1 0	STD 721
Sleeve end, top, for push rod (2 off)	All	1 0	STD 720
Lock nut, for rod adjusting screw (2 off)	All	9 0	STD 592
Push rod, complete (2 off)	All	4 0	STD 216
Push rod, complete (B) (2 off)	250	4 3	FE 14
Push rod, complete (B) (2 off)	350 and G90	4 3	20818-1
Cover tube, for push rod (2 off)	G80 and G80C	4 7	37-8-F114
Cover tube, for push rod (2 off)	G5 and G5C	3 6	37-12-F163
Cover tube, for push rod (2 off)	G4 and G90	2 6	38-G4-E163
Rubber ring, top, for cover tube (2 off)	G80 and G80C	3 6	37-G8-F163
Gasket, top, for cover tube (2 off)	All but G4, G90	1 0	STD 660
Rubber gland, bottom, for cover tube (2 off)	G4 and G90	9 0	38-G4-E568
Fibre washer, bottom, for cover tube (2 off)	All	2 50	STD 691
Fibre washer, bottom, for cover tube (Y) (2 off)	G90	2 0	37-12-F75
Steel washer, top, for cover tube (Z) (2 off)	G90	3 0	38-G4-F379
Screw, securing cover tube at top (2 off)	250 and G5	1 0	STD 500
Screw, securing cover tube at top (2 off)	G3C, G80, G80C	1 0	STD 500

(B) "Push rod, complete" includes: Push rod, bottom ball end, top end sleeve, adjusting sleeve screw and lock nut.

(Y) Only used when compression plate 38-G9-E3P is fitted (for engines issued before May, 1938).

(Z) Only used when compression plate 38-G9-E3P is fitted (for engines issued May, 1938 and after).

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

Description.	Used on.	Price. Each.	Part Number.
LOW EXHAUST PIPE GROUP. LEFT-HAND SIDE.			
		£ s. d.	
Pipe, only	... G80 and G90	... 18 6	... 37-8-E401
Finned clamp, fixing pipe to engine	... G80 and G90	... 4 6	... 35-G3-E415
Screw, for finned clamp	... G80 and G90	... 2	... STD 484
Front clip, for exhaust pipe	... G80 and G90	... 1 0	... STD 746
Bolt, for front clip	... G80 and G90	... 5	... STD 563
Washer, for front clip bolt	... G80 and G90	... 1	... STD 174
Nut, for front clip bolt	... G80 and G90	... 2	... STD 4
Stay, for front clip	... G80 and G90	... 1 0	... 37-8-E405-L
Silencer, only	... G80 and G90	... 17 6	... 35-G3-E461
Baffle tube, for silencer	... G80 and G90	... 2 9	... 4260
Front clip, for silencer	... G80 and G90	... 1 0	... STD 745
Bolt, for front clip	... G80 and G90	... 5	... STD 562
Washer, for front clip bolt	... G80 and G90	... 1	... STD 174
Nut, for front clip bolt	... G80 and G90	... 2	... STD 4
Rear clip, for silencer	... G80 and G90	... 1	... STD 746
Bolt, for rear clip	... G80 and G90	... 5	... STD 565
Washer, for rear clip bolt	... G80 and G90	... 1	... STD 174
Nut, for rear clip bolt	... G80 and G90	... 2	... STD 4
Stay, for rear clip	... G80 and G90	... 6	... STD 747
Bolt, for rear clip stay (in fork end)	... G80 and G90	... 1	... STD 563
Washer, for rear stay bolt	... G80 and G90	... 1	... STD 174
Nut, for rear stay bolt	... G80 and G90	... 2	... STD 4

(B) This stay is supported by the bolt, passing through the crankcase, which unites the front and rear portions of the frame.

HIGH EXHAUST PIPE GROUP. RIGHT-HAND SIDE.			
Pipe, only	... 250	... 1 5 0	... 37-G2-E422
Pipe, only	... 350	... 1 5 0	... 37-G3-E422
Pipe, only	... 500	... 1 5 0	... 37-G8-E422
Finned clamp fixing pipe to engine	... 350 and 500	... 4 6	... 35-G3-E415
Screw, for finned clamp	... 350 and 500	... 2	... STD 484
Front clip, for exhaust pipe	... 250	... 1 0	... STD 746
Bolt, for front clip	... 250	... 3	... STD 563
Washer, for front clip bolt	... 250	... 1	... STD 174
Nut, for front clip bolt	... 250	... 2	... STD 4
Stay, for front clip	... 250	... 8	... 37-G2-E426-R
Silencer, only	... G2 and G2M	... 17 6	... 17496
Silencer, only	... G2MC	... 17 6	... 35-G3-E461
Silencer, only	... 350 and 500	... 17 6	... 35-G3-E461
Baffle tube, for silencer	... G2MC	... 2 9	... 4260
Baffle tube, for silencer	... 350 and 500	... 2 9	... 4260
Front clip, for silencer	... All	... 1 0	... STD 745
Bolt, for front clip	... G2 and G2M	... 3	... STD 567
Bolt, for front clip	... G3 and G4	... 3	... STD 570
Bolt, for front clip	... G80 and G90	... 3	... STD 370
Bolt, for front clip	... Comp.	... 3	... STD 376
Spacer, for front clip bolt	... G2 and G2M	... 2	... LM 75-R
Spacer, for front clip bolt	... G3 and G4	... 2	... L5C 53
Spacer, for front clip bolt	... G80 and G90	... 2	... L5C 53
Spacer, for front clip bolt	... Comp.	... 5	... 35-G3-E468
Washer, for front clip bolt	... All	... 1	... STD 174
Nut, for front clip bolt	... All	... 2	... STD 4
Stay, for silencer front clip	... G2 and G2M	... 8	... 35-G3-E567
Stay, for silencer front clip	... G2MC	... 6	... 35-G3-E467
Stay, for silencer front clip	... 350 and 500	... 6	... 35-G3-E467
Rear clip, for silencer	... All	... 1 0	... STD 746
Bolt, for silencer rear clip	... G2 and G2M	... 5	... STD 578
Bolt, for silencer rear clip	... G3 and G4	... 3	... STD 576
Bolt, for silencer rear clip	... G80 and G90	... 3	... STD 376
Bolt, for silencer rear clip	... Comp.	... 4	... STD 365
Spacer, for rear clip bolt	... G2 and G2M	... 3	... 36-G2A-C27
Spacer, for rear clip bolt	... G3 and G4	... 2	... L5C 53
Spacer, for rear clip bolt	... G80 and G90	... 2	... L5C 53
Washer, for rear clip bolt	... All	... 1	... STD 174
Nut, for rear clip bolt	... All	... 2	... STD 4
Stay, for silencer rear clip	... Comp.	... 6	... STD 747

(C) This stay is supported by the front, top, crankcase bolt.

(D) This stay is supported by the right, rear bolt securing the rear mud-guard to the tubular arch.

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

REPAIRS.

When extensive engine repairs are required, owners of Matchless Motor Cycles are strongly advised to send their engine, or complete machine, to the factory, where a special K-pair Department is maintained. It is obvious that the manufacturers are in the best position to undertake repairs of that description.

Description.	Used on.	Price. Each.	Part Number.
HIGH EXHAUST PIPE GROUP. LEFT-HAND SIDE.			
		£ s. d.	
Pipe, only	... G80 and G90	... 1 5 0	... 37-G8-E421
Finned clamp fixing pipe to engine	... G80 and G90	... 4 6	... 35-G3-E415
Screw, for finned clamp	... G80 and G90	... 2	... STD 484
Silencer, only	... G80 and G90	... 17 6	... 35-G3-E461
Baffle tube, for silencer	... G80 and G90	... 2 9	... 4260
Front clip, for silencer	... G80 and G90	... 1 0	... STD 745
Bolt, for front clip	... G80 and G90	... 5	... STD 570
Washer, for front clip bolt	... G80 and G90	... 1	... STD 174
Nut, for front clip bolt	... G80 and G90	... 2	... STD 4
Stay, for silencer front clip	... G80 and G90	... 6	... 35-G3-E467
Rear clip, for silencer	... G80 and G90	... 1	... STD 174
Bolt, for rear clip	... G80 and G90	... 5	... STD 562
Spacer, for rear clip bolt	... G80 and G90	... 1	... STD 174
Washer, for rear clip bolt	... G80 and G90	... 1	... STD 53
Nut, for rear clip bolt	... G80 and G90	... 2	... STD 4

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

CARBURETTER SECTION.

COMPLETE CARBURETTER GROUP (A)			
Complete carburetter, type 75-154 ... (B.C.)	... G2M, G2MC	... 1 15 6*	... 37-G2-E67
Complete carburetter, type 75-014 ... (B.D.)	... 250	... 1 16 0*	... 37-12-E67
Complete carburetter, type 76-014 ... (B)	... 350	... 2 0 0*	... 37-16-E67
Complete carburetter, type 89-004 ... (B)	... 500	... 2 7 0*	... 37-8-E67

(A) All machines, except Models G2M and G2MC issued before March, 1938, are equipped with vertical carburetters. Models G2M and G2MC, issued before March, 1938, had horizontal carburetters.

(B) The price does not include control levers and cables.

(C) This is a horizontal carburetter (see note A).

(D) This is a vertical carburetter (see note A).

Packing piece, for carburetter ... (J)	... G2M, G2MC	... 1 6	... 38-G2M-E167
Packing piece, for carburetter	... G3, G3C	... 1 6	... 37-G3C-E167
Packing piece, for carburetter	... G80, G80C	... 1 6	... 36-G8C-E167
Packing piece, for carburetter	... G90	... 1 6	... 38-G9C-E167

(J) Only used when a vertical carburetter is fitted. (From APRIL, 1938).

Gasket, for packing piece	... All but G2, G4	... 2	... STD 581
Gasket, for carburetter	... All	... 2	... STD 581

For control levers, see Handlebar Group in the Frame Section.

For control cables, see Control Cable Group in the Frame Section.

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

THE PARTS IN THE FOLLOWING GROUPS THAT ARE ENDORSED "HORIZONTAL" ARE ONLY SUITABLE FOR THE HORIZONTAL 75-154 CARBURETTER AS FITTED PRIOR TO MARCH 1938 TO THE 250 c.c. MODELS G2M AND G2MC.

FLOAT CHAMBER GROUP.			
Chamber, only (horizontal)	... 250	... 8 6	... 22-005-HZ
Chamber, only	... 250 and 350	... 11 0	... 22-032
Chamber, only	... 500	... 14 6	... 14-001
Plug screw, for passage in chamber	... 500	... 2	... 13-153
Fibre washer, for plug screw	... 500	... 1	... 14-039
Bolt, holding chamber to mixing body	... 250 and 350	... 2	... 0
Bolt, holding chamber to mixing body	... 500	... 0	... 4-043
Fibre washer, for holding bolt	... 500	... 2	... 29-077
Top, for float chamber	... All	... 2	... 4-055
Top, for float chamber	... 250 and 350	... 2 6	... 22-011
Screw, locking float chamber top	... 500	... 2 6	... 14-011
Float, only, 1 1/2" diameter	... 250 and 350	... 3	... 14-021
Float, only, 1 1/2" diameter	... 500	... 2 6	... 22-016
Needle, for float, 2 3/16" long	... 250 and 350	... 2 6	... 14-015
Needle, for float, 2 31/32" long	... 500	... 11	... 22-015
Tickler plunger, for float chamber top	... 250 and 350	... 11	... 14-024
Spring, for tickler plunger	... 500	... 7	... 22-021
Cotter pin, for tickler plunger	... All	... 2	... 14-031
	... All	... 1	... 14-032

NONE OF THE ABOVE PRICES ARE SUBJECT TO INCREASE.

Description.	Used on.	Price. Each.	Part Number.
MIXING BODY GROUP.			
		£ s. d.	
Body, only (horizontal)	250	10 0	75-154
Body, only	250	10 0	75-014
Body, only	350	12 0	76-014
Body, only	500	14 0	89-004
Union nut, for body	250	1 6	4-062
Union nut, for body	350	1 6	6-062
Union nut, for body	500	1 11	29-072
Fibre washer, for union nut	250	2	4-040
Fibre washer, for union nut	350	2	6-040
Fibre washer, for union nut	500	2	29-050
Top, for body	250	1 9	4-032
Top, for body	350	1 9	6-032
Top, for body	500	2 2	29-042
Ring, fixing top to body	250	1 9	4-051
Ring, fixing top to body	350	1 9	6-051
Ring, fixing top to body	500	2	29-041
Clip, locking fixing ring	250 and 350	6	4-235
Clip, locking fixing ring	500	6	29-201
Screw, securing locking clip to body	All	2	4-241
Cable adjuster, for body top (2 off)	All	4	4-035
JET GROUP.			
Jet barrel, or choke	250	5 0	5-058
Jet barrel, or choke	350	5 0	6-058
Jet barrel, or choke	500	6 6	29-068
Needle jet	250 and 350	1 9	4-061
Needle jet	500	1 9	29-076
Main jet, size 120	250	5	4-042-120
Main jet, size 150	350	5	4-042-150
Main jet, size 180	500	5	4-042-180
Taper needle, for needle jet, 2½" long	250	1 3	5-065
Taper needle, for needle jet, 3½" long	350	1 3	6-065
Taper needle, for needle jet, 5½" long	500	1 3	29-075
Clip, for jet taper needle	All	4	4-041
Split pin, locating taper needle clip	All	1	4-060
Screw, for pilot jet air adjustment	All	6	13-129
Lock nut, for pilot jet air screw	All	2	16-010
VALVE GROUP.			
Throttle valve, size 5x3	250	3 10	5-052
Throttle valve, size 6x4	350	3 10	6-052
Throttle valve, size 29x4	500	4 0	29-062
Spring, for throttle valve	250 and 350	3	4-037
Spring, for throttle valve	500	3	29-047
Stop screw, for throttle	All	6	4-063
Lock nut, for throttle stop screw	All	2	16-010
Air valve	250	2 6	5-045
Air valve	350	2 6	6-045
Air valve	500	2 9	29-055
Tubular guide, for air valve	250	2	5-047
Tubular guide, for air valve	350	2	6-047
Tubular guide, for air valve	500	4	29-057
Spring, for air valve	All	3	4-046
Air intake	250	2 6	4-038
Air intake	350	2 6	6-038
Air intake	500	3 0	29-048

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

OVERSIZE PARTS.

Oversize Pistons .02in. larger than standard are supplied for all engines. To use this oversize of piston it is essential the cylinder is re-ground (for prices, see Page 5).

Oversize Piston Rings are supplied suitable for the oversize pistons.

Oversize Rollers .001in. larger than standard are supplied for all big end bearings.

Oversize parts are priced the same as standard parts.

TRANSMISSION SECTION.

Description.	Used on.	Price. Each.	Part Number.
ENGINE SPROCKET GROUP.			
		£ s. d.	
Sprocket, only, 16 teeth	G2MC	9 6	20815-16
Sprocket, only, 17 teeth	G2, G2M, G3C	9 6	20815-17
Sprocket, only, 18 teeth	G5 and G4	9 6	20815-18
Sprocket, only, 19 teeth	G80C	9 6	20815-19
Sprocket, only, 19 teeth (sidecar)	G80 and G90	9 6	20815-19
Sprocket, only, 21 teeth (Solo)	G80 and G90	9 6	20815-21
Distance collar, for sprocket	250	9	STD 650
Distance collar, for sprocket	350 and 500	9	55-G3-E124
Shock absorber cam	All	3 9	STD 850
Spring, for shock absorber	250 and 350	1 5	STD 702
Spring, for shock absorber	500	1 6	STD 703
Cap washer, for shock absorber spring	All	8	STD 831
Lock nut, for shock absorber	All	6	STD 610

All engine sprockets are interchangeable and have teeth to take chain $\frac{1}{2}$ in. pitch by .305in. width.

MAGNETO SPROCKET GROUP.

Sprocket, on camshaft	All but G2	4 3	STD 727
Washer, for camshaft sprocket	All but G2	1	STD 11
Nut, retaining camshaft sprocket	All but G2	2	STD 4
Sprocket, on magneto	All but G2	4 3	STD 726
Washer, for magneto sprocket	All but G2	1*	1102-1269
Nut, retaining magneto sprocket	All but G2	3*	868-1036

Note.—Model G2 has Coil Ignition.

DYNAMO SPROCKET GROUP.

Sprocket, on dynamo shaft	All	3 6	STD 725
Key, for dynamo sprocket	All	2	STD 572
Washer (plain), for dynamo sprocket	All	1	STD 10
Lock washer, for dynamo sprocket	All	2	STD 164
Lock ring, for dynamo sprocket	All	1	STD 708
Nut, retaining dynamo sprocket	All	6	STD 611

The sprocket (on engine) driving the dynamo is integral with the engine sprocket.

CHAIN GROUP.

Front chain, 65 links, $\frac{1}{2}$ "x.305"	G2 and G2M	7 7*	110046-65
Front chain, 65 links, $\frac{1}{2}$ "x.305"	G2MC and G3C	7 7*	110046-65
Front chain, 65 links, $\frac{1}{2}$ "x.305"	G3, G4, G80C	7 8*	110046-66
Front chain, 114 links, $\frac{1}{2}$ "x.305"	G80 and G90	7 9*	110046-67
Rear chain, 91 links, $\frac{1}{2}$ "x.380"	G2 and G2M	15 0*	110046-114
Rear chain, 91 links, $\frac{1}{2}$ "x.380"	G3 and G4	14 8*	110056-91
Rear chain, 91 links, $\frac{1}{2}$ "x.380"	G80 and G90	14 8*	110056-91
Rear chain, 95 links, $\frac{1}{2}$ "x.380"	Comp.	15 3*	110056-95
Magneto chain, 58 links, $\frac{1}{2}$ "x.255"	All but G2	3 8*	110036-58
Magneto chain, 47 links, $\frac{1}{2}$ "x.255"	All	3 0*	110036-47
Connecting link, for $\frac{1}{2}$ " chain	All	5*	46-26
Connecting link, for $\frac{1}{2}$ " chain	All but G2, G2M	7*	56-25
Cranked link, for $\frac{1}{2}$ " chain	All	5*	46-30
Cranked link, for $\frac{1}{2}$ " chain	All but G2, G2M	7*	56-30
Spring clip, for $\frac{1}{2}$ " connecting link	All	1*	46-27
Spring clip, for $\frac{1}{2}$ " connecting link	All but G2, G2M	1*	56-27

The prices of front and rear chains include connecting links.

Magneto and dynamo chains are endless.

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

Parts sent to us for repair, replacement, or as pattern, must bear distinctly the sender's full name and address. Instructions regarding same must be sent under separate cover, otherwise goods may lie at our works and not be unpacked until the instructions are received.

All goods must be consigned to us carriage paid.

Do not enclose cash (whether in the form of coin or paper) with goods. For your own protection, remittances should be sent by letter post.

GEAR BOX SECTION.

Description.	Used on.	Price. Each.	Part Number.
£ s. d.			
GEAR BOX FIXING BOLT GROUP.			
Top fixing bolt, 4 1/16" x 7/16" .....	... All	6 ...	STD 513
Bottom fixing bolt, 3 1/16" x 7/16" .....	... All	6 ...	STD 512
Distance collar, for top fixing bolt ...	... All	5 ...	STD 632
Nut, for top bolt, left side .....	... All	5 ...	STD 2
Nut, for top bolt, right side	(A) ... See Note A	5 ...	STD 2
Nut, extended, for top bolt, right ...	(B) ... See Note B	1 5 ...	DSE 869
Nut, for bottom bolt	(C) (2 off) ... All	3 ...	STD 2
Eye bolt, for front chain adjustment	... All	6 ...	STD 594
Nut, for eye bolt	(2 off) ... All	3 ...	STD 215
Crosshead block, for eye bolt	(D) ... All	4 ...	STD 785
Bolt, fixing crosshead to engine plate	... All but G2, G2M	2 ...	STD 361
Washer, for crosshead fixing bolt ...	... All but G2, G2M	1 ...	STD 11

- (A) This nut will fit all models but, on some, as detailed under note B, a special extended type is used on account of improved accessibility. This STD 2 nut must be used on all 350 c.c., 500 c.c. and G2MC Models that are fitted with the Burman type CAP gearboxes having completely enclosed clutch mechanism and which can be identified by the letter A which forms the final part of the Engine Number.
- (B) This extended nut is fitted to all Models G2 and G2M and to all other models having gearboxes on which the clutch operating mechanism is exposed.
- (C) This nut will fit all models. On early 1938 machines, in place of this nut, a blind, domed nut was fitted (part number STD 620, price 5d. each). This nut has now been discontinued and may be replaced with STD 2.
- (D) On Models G2 and G2M this crosshead screws on to the rear centre, crankcase bolt. On all other models it is retained to the right side engine plate by bolt STD 361 and washer STD 11.

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

BURMAN TYPE H.P. GEARBOXES ARE FITTED TO MODELS:—
G2 and G2M. Early 1938 machines had gearboxes with exposed control to the clutch, later machines had boxes on which the clutch mechanism is completely enclosed in the kickstarter cases.

BURMAN TYPE C.P. GEARBOXES ARE FITTED TO MODELS:—
G2MC, G3, G3C, G4, G80, G80C and G90. Early 1938 machines had gearboxes on which the clutch operating mechanism is exposed while later models had this completely enclosed.

CONSEQUENTLY A TOTAL OF FOUR DIFFERENT GEARBOXES ARE FITTED TO 1938 OVERHEAD VALVE MATCHLESS MOTOR CYCLES AND, ALTHOUGH MANY PARTS ARE COMMON TO TWO OR MORE BOXES, IN ORDER TO AVOID CONFUSION, WE HAVE LISTED EACH BOX, WITH ITS COMPONENTS, SEPARATELY.

THE TERM "AS ABOVE" MUST BE TAKEN TO REFER TO THE MACHINES SPECIFIED IN EACH GENERAL HEADING, COVERING EACH TYPE OF GEARBOX, AND NOT TO THE IMMEDIATE ITEM ABOVE IT.

THE CONTRACTION "K.S." IS GENERALLY USED TO DENOTE "KICKSTARTER."

BEFORE ORDERING ANY OF THE GEAR BOX PARTS LISTED ON THIS AND THE TEN FOLLOWING PAGES, PLEASE SEE THE GEAR BOX INFORMATION ON PAGE 14.

THE FOLLOWING PARTS ONLY REFER TO THE BURMAN TYPE C.P. GEAR BOXES HAVING COMPLETELY ENCLOSED CLUTCH OPERATING MECHANISM AS FITTED TO MODELS G2MC, G3, G3C, G4, G80, G80C AND G90.

(Machines fitted with this gear box have "A" at the end of the engine number.)

Description.	Used on.	Price each.	Part Number.
£ s. d.			
GEAR BOX SHELL GROUP.			
Shell, bare .....	... As above	1 10 0 ...	1-CP-11
Stud, for shell, 1 1/16" x 3/16"	(2 off) ... As above	6 ...	60-X-6
Stud, for shell, 3/16" x 3/16"	(2 off) ... As above	6 ...	60-X-7
Stud, for shell, 1 1/8" x 1"	(2 off) ... As above	6 ...	60-X-1
Nut, for 3/16" stud	(4 off) ... As above	3 ...	152-X
Nut, for 1" stud	(2 off) ... As above	2 ...	65-X
Kickstarter case .....	... As above	15 0 ...	3-C-7
Stud, for kickstarter case, 2 1/8" x 1" ...	(3 off) ... As above	6 ...	286-X
Nut, for 1" stud	(3 off) ... As above	2 ...	65-X
Cover, for kickstarter case .....	... As above	15 0 ...	4-C-8
Filler cap, for kickstarter case cover	... As above	2 0 ...	326-X

BEARING GROUP.

Ball bearing, for main driving gear (A) ...	As above	15 0 ...	177-X
Gland felt washer, for ball bearing ...	As above	6 ...	112-C
Gland metal washer, dished	(B) ... As above	4 ...	115-C
Split ring, locating bearing in shell ...	As above	6 ...	115-C
Gland outer washer, for bearing	(C) ... As above	3 ...	114-C
Spring split ring, retaining outer washer	As above	5 ...	80-X
Ball bearing, for mainshaft	(D) ... As above	12 6 ...	68-X
Metal washer, for mainshaft bearing (E)	As above	4 ...	37-1-C-2
Spring split ring, retaining washer ...	As above	4 ...	37-2-C
Bush, for layshaft	(2 off) ... As above	4 0 ...	181-X
Peg, locating layshaft bush	(2 off) ... As above	1 ...	87-X
Cover washer, in shell, for layshaft bush	As above	3 ...	182-X

(A) Dimensions: 2 7/16in. external, 1 9/32in. internal, 5/16in. thick.

(B) Dimensions: 2in. external, 1 9/32in. internal.

(C) Dimensions: 2 7/16in. external, 1 1/8in. internal.

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

(E) Dimensions: 1 7/16in. external, 1 1/4in. internal.

GEAR AND SHAFT GROUP.

Mainshaft, 10 1/2" overall length	As above	1 5 6 ...	10-C-15
Driving gear, with bushes	30 teeth ... G2MC, G3C, G80C	1 12 0 ...	15-C-6
Driving gear, with bushes	32 teeth ... Comp.	1 12 0 ...	15-C-9
Bush, only, for driving gear	(2 off) ... As above	10 0 ...	187-X-5
Sliding gear, for mainshaft	18 and 23 teeth ... As above	12 6 ...	24-C-3
Third gear, for mainshaft	27 teeth ... As above	12 6 ...	24-C-3
Layshaft spindle .....	... As above	0 0 ...	30-C-9
Small gear, on layshaft	18 teeth ... Comp.	10 0 ...	28-C-6
Small gear, on layshaft	20 teeth ... G2MC, G3C, G80C	10 0 ...	28-C-3
First gear, on layshaft	32 teeth ... As above	12 6 ...	27-C-5
Second gear, on layshaft	27 teeth ... As above	12 6 ...	26-C-5
Third gear, on layshaft	23 teeth ... As above	7 6 ...	29-C-3
Sliding clutch, for layshaft .....	... As above	7 6 ...	29-C-3

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

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

All the above parts are INSIDE the GEARBOX SHELL.

Quadrant	(F.J.)	... As above	3 9	162-X-3
Sector	(G.J.)	... As above	3 9	161-X-2
Ratchet	(H.J.)	... As above	3 6	CO-51-6
Quadrant, sector and ratchet assembly	(K)	... As above	11 0	CO-51-6-A
Rivet, fixing sector	(2 off) (J)	... As above	1	CO-96-1
Rivet, fixing ratchet	(J)	... As above	3	CO-96-2
Control spindle	(W.L.)	... As above	3 6	CO-90
Nut (inside), for spindle control	(M)	... As above	2	287-X
Bush, for control spindle (in K.S. case)	... As above	1 0	CO-91	
Bush, for camshaft (in K.S. case)	... As above	2 0	160-X-2	
Rollers, for camshaft	(12 off) per set	... As above	2 0	192-X
Control quadrant	(N.S.)	... As above	3 0	CO-53-4
Sleeve, for control quadrant	(P.S.)	... As above	7 6	CO-94
Peg, for operating pawl	(R.S.)	... As above	3	CO-62-1
Quadrant, sleeve and pawl peg, assembly	(T)	... As above	10 6	CO-53-4-A
Bush, for control quadrant sleeve	... As above	5 0	CO-54-7	
Bolt, fixing quadrant sleeve bush	... As above	1 3	CO-95	
Indexing rocking pawl	... As above	1 6	CO-52-5	
Spindle, for indexing pawl	... As above	3	CO-60-1	
Spring box	... As above	5 0	CO-49-5	
Cover plate, for spring box	... As above	1 0	CO-56-4	
Main spring, for spring box	(X) (2 off)	... As above	6	CO-66-1
Pawl spring, for spring box	(Y) (2 off)	... As above	6	CO-67-1
Plate, for main spring	(2 off)	... As above	2	CO-59-1
Plate, for pawl spring	(2 off)	... As above	2	CO-58-1

All the above parts are inside the kickstarter case.

- (F) This is a flat, forked plate.
 (G) This is a segment having teeth cut on its inside edge which engage with the small gear on the camshaft.
 (H) This is a ratchet plate with which the indexing pawl engages.
 (J) It is usual to supply all these parts assembled, ready for use, see item under reference K.
 (L) This is the spindle to which the quadrant assembly is fixed by nut 287-X.
 (M) This nut retains assembly K to the control spindle.
 (N) This is a flat, oval plate having a slot in the narrow end.
 (P) This is a sleeve, on one end of which is the control quadrant (reference N) and the other end is splined to accommodate the gear change foot control lever.
 (R) This peg is mounted in the narrow end of the control quadrant.
 (S) It is usual to supply all these parts assembled ready for use, see item under reference T.
 (X) These are the larger of the four springs in the spring box.
 (Y) These are the smaller of the four springs in the spring box.

GEAR CONTROL GROUP.

Neutral indicator, small, fixed	(A)	... As above	3	CO-97-1
Neutral indicator, large, moving	(B)	... As above	6	CO-97
Nut, retaining moving indicator	...	... As above	3	171-X
Foot control lever	(C.D.)	... As above	7 6	CO-92-2
Foot control lever assembly	(E)	... As above	8 4	CO-92-2-A
Rubber, for foot control lever	(D)	... As above	9	CO-82-2
Pin, fixing foot lever rubber	(D)	... As above	1	CO-38
Bolt, clamping foot lever to sleeve	...	... As above	1 3	CO-63-3
Nut, for foot lever clamping bolt	...	... As above	2	10-X

- (A) This is fixed to a stud securing the kickstarter case cover.
 (B) This fits over the two flats cut on the outside end of the control spindle.
 (C) The price does not include rubber, rubber fixing pin, clamping bolt and nut for clamping bolt.
 (D) It is usual to supply these parts assembled ready for use, see item under reference E.
 (E) Includes: foot control lever, rubber and rubber fixing pin, but does not include clamping bolt and nut.

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

Description.	Used on.	Price each.	Part Number.	
KICKSTARTER GROUP.				
Driving ratchet	(F)	... As above	5 9	186-X
Ratchet pinion	(G)	... As above	8 0	183-X
Bush, for ratchet pinion	...	... As above	2 6	184-X
Spring, for ratchet pinion	...	... As above	9	185-X
Nut, retaining ratchet pinion	...	... As above	4	70-X
Spindle, for K.S. quadrant and lever	(H)	... As above	7 6	198-X-4
Bush, for K.S. spindle (in K.S. case cover)	...	... As above	2 0	201-X-2
Quadrant, for K.S. spindle	(H)	... As above	2 0	200-X-3
K.S. spindle and quadrant assembly	(J)	... As above	10 6	199-X-3
Return spring, for kickstarter	...	... As above	18 0	199-X-3-A
Pin, for return spring	(K)	... As above	2 0	150-X
Stop rubber and sleeve, for quadrant	...	... As above	3	152-X-2
Peg, for stop rubber and sleeve	...	... As above	6	202-X

All the above parts are inside the kickstarter case.

Kick start foot lever, bare	(L)	... G3, G4, G80, G90	10 6	194-X-26
Kick start foot lever, bare	(M.N)	... Comp.	5 0	194-X-13
Pedal pin, for foot lever	...	... G3, G4, G80, G90	3 0	115-X
Nut, retaining pedal pin	(P)	... Comp.	4	115-X-2
Spring washer, for pedal pin to lever	...	... Comp.	6	103-X
Plain washer, for pedal pin nut	...	... Comp.	3	104-X
Bolt, clamping foot lever to spindle	...	... Comp.	3	214-X
Spring washer, for lever clamping bolt	...	... As above	9	315-X
Nut, for lever clamping bolt	...	... As above	1	109-X

All the above parts are outside the gearbox.

- (F) This is a splined fit on the gearbox mainshaft.
 (G) This fits on the mainshaft.
 (H) It is usual to supply these parts assembled ready for use, see item under reference J.
 (J) Consists of kickstarter spindle and quadrant assembled.
 (K) This pin fits in the kickstarter case cover and to it is anchored the outer end of the return spring.
 (L) Price does not include pedal pin (price with pin 13/6).
 (M) Price does not include pedal pin with fixing nut and washers (price with pin, nut and washers 16/-).
 (N) This lever is only suitable for a folding type of pedal pin.
 (P) This is a "folding" type of pedal pin.

FINAL DRIVE GROUP.

Rear chain sprocket, 16 teeth, 1 7/8" x 3/8"	...	... As above	15 0	179-X-7
Distance collar, for sprocket, 7/16" long	...	... As above	1 0	180-X-3
Distance washer, for sprocket, 1/16" thick	...	... As above	4	206-X-2
Collar, under sprocket nut, 3/16" long	...	... As above	4	206-X-1
Nut, retaining sprocket to main gear	...	... As above	1 9	176-X

CLUTCH GROUP.

Chainwheel, bare, 40 teeth, 1 3/4" x 3.05"	(R)	... As above	1 0 0	7-X-28
Clutch case (four plate)	(R)	... G3, G4, G80, G90	12 0	1-X-7
Clutch case (five plate)	(R)	... Comp.	12 0	1-X-8
Chainwheel rivet	(S)	... As above	1	9-X-5
Chainwheel assembly (four plate)	(S)	... G3, G4, G80, G90	1 12 8	7-X-A-4
Chainwheel assembly (five plate)	(S)	... Comp.	1 12 8	7-X-A-5
Clutch centre, 1 1/2" (four plate)	...	... G3, G4, G80, G90	1 0 0	2-X-15
Clutch centre, 1 1/2" (five plate)	...	... Comp.	1 0 0	2-X-16
Roller race, for sprocket bearing	...	... As above	2 0 0	34-X-2
Rollers, for sprocket bearing, per set (24 off)	...	... As above	3 6	35-X
Thin washer, for sprocket bearing	...	... As above	9	36-X-2
Thick washer, for sprocket bearing	...	... As above	9	36-X-3
Nut, retaining centre to mainshaft	...	... As above	6	71-X
Plain washer, for retaining nut	...	... As above	3	212-X
Spring washer, for retaining nut	...	... As above	3	6-X-2
Steel plain plate, thin (four plate)	(V)	... As above	3 6	5-X
Steel plain plate, thin (five plate) (4 off)	...	... G3, G4, G80, G90	2 2 0	5-X
Steel plain plate, thin (five plate) (5 off)	...	... Comp.	2 2 0	5-X-2
Friction plate, with inserts (four plate) (4 off)	...	... G3, G4, G80, G90	5 0	3-X-2
Friction plate, with inserts (five plate) (5 off)	...	... Comp.	5 0	4-X-2
Fabric inserts, only	(T)	... As required	9	18-X-8
Spring pressure plate	...	... As above	9 0	21-X-3
Spring, for clutch	(4 off)	... As above	6	22-X
Cup, for clutch spring	(4 off)	... As above	4	24-X-11
Stud, for clutch spring, 1 1/2" (4 plate) (4 off)	...	... G3, G4, G80, G90	4	24-X-12
Stud, for clutch spring, 2 1/2" (5 plate) (4 off)	...	... Comp.	4	23-X
Adjusting nut, for clutch spring	(4 off)	... As above	4	

(R) These parts are usually supplied assembled ready for use, see items under reference S.

(S) Includes chainwheel, clutch case and rivets, assembled.

(T) Two dozen are required for one clutch plate.

(V) This is the back clutch plate—i.e., it fits next to the chainwheel.

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

Description.	Used on.	Price each.	Part Number.
CLUTCH OPERATING GROUP.			
		£ s. d.	
Thrust rod, 9 1/2" long (four plate) ...	As above	1 0	28-X-4
Thrust rod, 10 1/12" long (five plate) ...	As above	1 0	28-X-5
Operating plunger ...	As above	6	350-X
Steel ball, for operating plunger ...	As above	1	67-X
Operating lever ...	As above	2 0	175-X-4
Pin, or axle, for operating lever ...	As above	9	66-X-7
Fork, for operating lever ...	As above	1 6	329-X
Sleeve, or nut, for operating lever fork (W.X.) ...	As above	6	351-X
Cap, covering sleeve ... (X)	As above	1 6	328-X
Screw, fixing cap to K.S. cover ... (X) (2 off)	As above	4	333-X

(W) This sleeve has a hexagon head and is revealed by removing the outside cap that is retained to the kickstarter case cover by two screws.

(X) These parts are outside the kickstarter case cover.

It will be noted that Models G3, G4, G80, G90, have clutches with four friction and steel plates, while the Competition Models G2MC, G3C, G80C have five plate clutches and the appropriate clutch parts listed above are endorsed if suitable for four or five clutches.

For clutch operating levers and cables, see the Handlebar and Control Cable Groups in the Frame Section.

THE FOLLOWING PARTS ONLY REFER TO THE BURMAN TYPE C.P. GEAR BOXES HAVING EXTERNAL (EXPOSED) CLUTCH OPERATING MECHANISM AS FITTED TO MODELS G2MC, G3, G3C, G4, C80, C80C AND C90.

GEAR BOX SHELL GROUP.

Shell, bare	As above	1 9 0	1-CP-6
Paper washer, for shell joint	As above	1	41-C
Stud, for shell, 1"x1/2"	As above	6	60-X-1
Nut, for 1" stud (5 off)	As above	2	63-X
Cover, for grease aperture in shell	As above	1 0	188-X
Stud, for grease aperture cover (2 off)	As above	6	138-X
Nut, for grease aperture cover stud (2 off)	As above	2	63-X
Kickstarter case	As above	16 0	3-C-5
Stud, large, 5/16" for K.S. case (2 off)	As above	6	60-X-2
Stud, small, 1/4" long, for K.S. case (2 off)	As above	6	62-X
Stud, small, 1/4" short, for K.S. case (2 off)	As above	6	175-X
Nut, for large (5/16") stud (2 off)	As above	3	132-X
Nut, for small (1/4") stud (4 off)	As above	2	63-X
Cover, for kickstarter case	As above	12 6	4-C-6
Locating piece, for K.S. case cover	As above	1 0	174-X
Grease nipple, straight	As above	2	245-X-1
Grease nipple, angular	As above	2	245-X-2

BEARING GROUP.

Ball bearing for main driving gear... (A)	As above	15 0	177-X
Gland washer, for ball bearing	As above	6	75-X
Split spring ring, retaining gland washer	As above	4	80-X
Ball bearing, for mainshaft (B)	As above	12 6	68-X
Metal washer, for mainshaft bearing	As above	6	37-1-C
Split spring ring, retaining washer	As above	4	37-2-C
Bush, for layshaft (2 off)	As above	1	87-X
Peg, locating layshaft bush (2 off)	As above	2	182-X
Cover washer, in shell, for layshaft bush	As above	2	182-X

(A) Dimensions: 2 7/16in. external, 1 9/32in. internal, 5/16in. thick.

(B) Dimensions: 40 m.m. external, 12 m.m. internal, 12 m.m. thick.

GEAR AND SHAFT GROUP.

Mainshaft, 10 1/2" overall length	As above	1 5 6	10-C-12
Driving gear, with bushes	G3, G4, G80, G90	1 15 0	15-C-7
Driving gear, with bushes	Comp.	1 15 0	15-C-10
Bush, only, for driving gear (2 off)	As above	2	187-X
Sliding gear, for mainshaft 18 and 23 teeth	As above	1 10 0	14-C-4
Layshaft spindle	As above	12 6	24-C-5
Small gear, on layshaft	As above	1 3 0	30-C-8
Small gear, on layshaft	Comp.	10 0	28-C-6
Small gear, on layshaft	G3, G4, G80, G90	10 0	28-C-5
First gear, on layshaft	As above	12 6	27-C-5
Second gear, on layshaft	As above	12 6	26-C-5
Third gear, on layshaft	As above	10 0	25-C-5
Sliding clutch, for layshaft	As above	7 6	29-C-5

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

Description.	Used on.	Price each.	Part Number.
GEAR OPERATING GROUP.			
		£ s. d.	
Operating fork, for mainshaft sliding gear	As above	8 0	42-C
Operating fork, for layshaft sliding clutch	As above	8 0	43-C
Peg, for operating fork (2 off)	As above	6	157-X
Split pin, for operating fork peg (2 off)	As above	1 5 0	158-X
Camshaft, bare	As above	1 5 0	45-C-2
Bush, in shell, for camshaft	As above	2 0	159-X
Pawl (engages in camshaft)	As above	2 0	163-X-2
Bearing pin, for pawl	As above	1 3	164-X
Nut, for pawl bearing pin	As above	4	95-X
Spring, for pawl	As above	9	195-X-1
Screwed plug for pawl spring	As above	1 0	98-X

All the above parts are INSIDE the GEARBOX SHELL.

Quadrant	(F.J.)	As above	3 9	162-X-3
Sector	(G.J.)	As above	3 9	161-X-2
Ratchet	(H.J.)	As above	3 6	CO-51-6
Quadrant, sector and ratchet assembly (K)	As above	11 0	CO-51-6-A	
Rivet, fixing sector (J) (2 off)	As above	1	CO-96-1	
Rivet, fixing ratchet (J)	As above	1	CO-96-2	
Control spindle (W.L.)	As above	3 6	CO-90-2	
Nut (inside), for control spindle (M)	As above	2	287-X	
Bush, for control spindle (in K.S. case)	As above	1 0	CO-91	
Rollers, for camshaft (12 off) per set	As above	2 0	160-X-2	
Control quadrant (N.S.)	As above	2 0	192-X	
Sleeve, for cont. of quadrant (P.S.)	As above	3 0	CO-53-4	
Peg, for operating pawl (R.S.)	As above	7 6	CO-94	
Quadrant, sleeve and pawl assembly (T)	As above	3	CO-62-1	
Bush, for control quadrant sleeve	As above	10 6	CO-53-4-A	
Bolt, fixing quadrant sleeve bush	As above	5 0	CO-54-7	
Indexing rocking pawl	As above	1 3	CO-95	
Spindle, for indexing pawl	As above	1 6	CO-52-5	
Spring box	As above	3	CO-60-1	
Cover plate, for spring box (X)	As above	5 0	CO-49-5	
Main spring, for spring box (Y) (2 off)	As above	1 0	CO-56-4	
Pawl spring, for spring box (Z) (2 off)	As above	6	CO-66-1	
Plate, for main spring (2 off)	As above	6	CO-67-1	
Plate, for pawl spring (2 off)	As above	2	CO-59-1	
			2	CO-58-1

All the above parts are inside the kickstarter case.

(F) This is a flat, forked plate

(G) This is a segment having teeth cut on its inside edge which engage with the small gear on the camshaft.

(H) This is a ratchet plate with which the indexing pawl engages.

(J) It is usual to supply all these parts assembled, ready for use, see item under reference K.

(L) This is the spindle to which the quadrant assembly is fixed by nut 287-X.

(M) This nut retains assembly K to the control spindle.

(N) This is a flat, oval plate having a slot in the narrow end.

(P) This is a sleeve, on one end of which is the control quadrant (reference N) and the other end is splined to accommodate the gear change foot control lever.

(R) This peg is mounted in the narrow end of the control quadrant.

(S) It is usual to supply all these parts assembled, ready for use, see item under reference T.

(X) These are larger of the four springs in the spring box.

(Y) These are the smaller of the four springs in the spring box.

GEAR CONTROL GROUP.

Neutral indicator, small, fixed (A)	As above	3	CO-97-1
Neutral indicator, large, moving (B)	As above	6	CO-97
Nut, retaining moving indicator	As above	3	171-X
Foot control lever (C.D.)	As above	7 6	CO-92-4
Foot control lever assembly (E)	As above	8 4	CO-92-4-A
Rubber, for foot control lever (D)	As above	9	CO-82
Pin, fixing foot lever rubber (D)	As above	1	CO-38
Bolt, clamping foot lever to sleeve	As above	1 3	CO-65
Nut, for foot lever clamping bolt	As above	2	10-X

(A) This is fixed to a stud securing the kickstarter case cover.

(B) This fits over the two flats cut on the outside end of the control spindle.

(C) The price does not include rubber, rubber fixing pin, clamping bolt and nut for clamping bolt.

(D) It is usual to supply these parts assembled, ready for use, see item under reference E.

(E) Includes: foot control lever, rubber and rubber fixing pin, but does not including clamping bolt and nut.

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

Description.	Used on.	Price each.	Part Number.
KICKSTARTER GROUP.			
£ s. d.			
Driving ratchet	(F) ... As above	5 9	186-X
Ratchet pinion	(G) ... As above	8 0	185-X
Bush, for ratchet pinion .....	... As above	2 6	184-X
Spring, for ratchet pinion .....	... As above	9	185-X
Nut, retaining ratchet pinion .....	... As above	4	70-X
Spindle, for K.S. quadrant and lever ...	(H) ... As above	7 6	198-X-5
Bush, for K.S. spindle (in K.S. case) ...	... As above	2 0	201-X
Bush, for K.S. spindle (in K.S. case cover) ...	... As above	2 0	200-X-2
Quadrant, for K.S. spindle	(I) ... As above	10 6	119-X-1
K.S. spindle and quadrant assembly (J) ...	... As above	18 0	119-X-1-A
Return spring, for kickstarter .....	... As above	2 0	150-X
Pin, for return spring	(K) ... As above	1	132-X
Stop rubber, for quadrant .....	... As above	3	134-X
Peg, for stop rubber .....	... As above	6	202-X
Grease nipple, for K.S. spindle .....	... As above	2	245-X-1

All the above parts are inside the kickstarter case.

Kick start foot lever, bare	(L) ... G3, G4, G80, G90	7 6	194-X-26
Kick start foot lever, bare	(M.N.) ... Comp.	10 6	194-X-4
Pedal pin, for foot lever .....	... G3, G4, G80, G90	3 0	115-X
Pedal pin, for foot lever	(P) ... Comp.	4 6	115-X-2
Nut, retaining pedal pin to lever .....	... Comp.	6	103-X
Spring washer, for pedal pin nut ...	... Comp.	3	104-X
Plain washer, for pedal pin nut .....	... Comp.	3	214-X
Bolt, clamping foot lever to spindle ...	... As above	9	315-X
Spring washer, for lever clamping bolt ...	... As above	1	109-X
Nut, for lever clamping bolt .....	... As above	6	144-X

All the above parts are outside the gearbox.

(F) This is a splined fit on the gearbox mainshaft.

(G) This fits on the mainshaft.

(H) It is usual to supply these parts assembled, ready for use, see item under reference J.

(J) Consists of kickstarter spindle and quadrant assembled.

(K) This pin fits in the kickstarter case cover and to it is anchored the outer end of the return spring.

(L) Price does not include pedal pin (price with pin 13/6).

(M) Price does not include pedal pin with fixing nut and washers (price with pin, nut and washers 16/-).

(N) This lever is only suitable for a folding type of pedal pin.

(P) This is a "folding" type of pedal pin.

FINAL DRIVE GROUP.

Rear chain sprocket, 16 teeth, 1/2"x.138"	... As above	15 0	179-X-7
Distance collar, for sprocket .....	... As above	1 0	180-X-5
Distance washer, for sprocket .....	... As above	1 0	180-X
Washer, under sprocket nut .....	... As above	4	178-X
Nut, retaining sprocket to main gear ...	... As above	1 9	176-X

CLUTCH GROUP.

Chainwheel, bare, 40 teeth, 1/2"x.305"	(R) ... As above	1 0	7-X-14
Clutch case	(R) ... As above	12 0	1-X-8
Chainwheel rivet	(R) (8 off) ... As above	1	9-X-3
Chainwheel assembly	(S) ... As above	1 12 8	7-X-A
Clutch centre .....	... As above	1 0	2-X-12
Roller race, for sprocket bearing .....	... As above	2 0	34-X-2
Roller, for sprocket bearing, per set ...	(24 off) ... As above	3 6	35-X
Thin washer, for sprocket bearing ...	... As above	9	36-X-2
Thick washer, for sprocket bearing ...	... As above	9	36-X-3
Nut, retaining centre to mainshaft ...	... As above	6	69-X-7
Plain washer, for retaining nut .....	... As above	3	71-X
Spring washer, for retaining nut .....	... As above	3	212-X
Steel plain plate, thick	(V) ... As above	3 6	6-X-2
Steel plain plate, thin	(4 off) ... As above	2 0	5-X
Friction plate, with inserts	(4 off) ... As above	5 0	5-X-2
Fabric inserts, only ... per doz. (T) ...	... As above	9	4-X-2
Spring pressure plate .....	... As above	9	18-X-7
Spring, for clutch	(4 off) ... As above	6	21-X-3
Cup, for clutch spring	(4 off) ... As above	6	22-X
Std. for clutch spring	(4 off) ... As above	4	24-X-2
Adjusting nut, for clutch spring ... (4 off) ...	... As above	4	23-X

(R) These parts are usually supplied assembled, ready for use, see item under reference S.

(S) Includes chainwheel, clutch case and rivets, assembled.

(T) Two dozen are required for one clutch plate.

(V) This is the back clutch plate, i.e. it fits next to the chainwheel.

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

Description.	Used on.	Price each.	Part Number.
CLUTCH OPERATING GROUP.			
£ s. d.			
Thrust rod, 11 1/16" long .....	... As above	1 0	28-X-11 1/16
Sleeve, for thrust rod .....	... As above	1 0	294-X
Adjusting screw, for thrust rod sleeve ...	... As above	6	293-X
Steel ball, for adjusting screw and sleeve ...	... As above	4	67-X
Operating lever .....	... As above	3 0	175-X-2
Fulcrum pin, for operating lever ...	... As above	6	66-X-2
Lock plate, for operating lever .....	... As above	3	295-X
Bush, for operating lever .....	... As above	6	292-X

For clutch operating levers and cables, see the Handlebar and Control Cable Groups in the Frame Section

THE FOLLOWING PARTS ONLY REFER TO THE BURMAN TYPE H.P. GEAR BOXES HAVING COMPLETELY ENCLOSED CLUTCH OPERATING MECHANISM AS FITTED TO MODELS C2 AND G2M.

(Machines fitted with this gear box have "A" at the end of the engine number.)

GEAR BOX SHELL GROUP.

Shell, bare .....	... As above	1 5 0	1-HP-22
Stud, for shell, 1/2" projection	(2 off) ... As above	6	60-X-1
Stud, for shell, 1 1/2" projection .....	... As above	6	106-H-1
Stud, for shell, 2 1/2" projection .....	... As above	6	60-X-8
Stud, for shell, 2 1/2" projection .....	... As above	6	113-H-1
Nut, for shell stud	(5 off) ... As above	2	63-X
Distance sleeve, for stud .....	... As above	6	112-H
Cover, for grease aperture in shell ...	(2 off) ... As above	2 0	71-H
Stud, for grease aperture cover	(2 off) ... As above	6	138-X
Nut, for grease aperture cover stud ...	(2 off) ... As above	2	65-X
Grease nipple, for shell .....	... As above	2	245-X-1
Kickstarter case .....	... As above	16 0	2-H-4
Stud, for kickstarter case	(2 off) ... As above	6	62-X
Nut, for kickstarter case stud	(2 off) ... As above	2	63-X
Inspection cover, for clutch lever .....	... As above	6	99-H
Stud, for clutch lever cover	(2 off) ... As above	6	138-X
Nut, for clutch lever cover stud	(2 off) ... As above	2	63-X
Distance piece, for clutch lever bracket ...	... As above	1 3	101-H
Cover, for kickstarter case .....	... As above	10 0	4-H-1

BEARING GROUP.

Ball bearing, for main driving gear... (A) ...	... As above	12 6	267-X
Gland washer, for ball bearing .....	... As above	6	108-H
Locating ring, for ball bearing .....	... As above	6	109-H
Outer washer, for ball bearing .....	... As above	3	103-H
Inner washer, for ball bearing .....	... As above	4	111-H
Spring split ring, retaining outer washer ...	... As above	4	78-X
Ball bearing, for mainshaft	(B) ... As above	10 0	268-X
Washer, for mainshaft bearing .....	... As above	3	105-H
Bush, for layshaft .....	... As above	3 0	285-X
Peg, locating layshaft bush .....	... As above	1	87-X
Cover washer, in shell, for layshaft bush ...	... As above	2	205-X

(A) Dimensions: 2 1/2 in. external, 1 3/16 in. internal, 7/16 in. thick.

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

GEAR AND SHAFT GROUP.

Mainshaft, 10 1/2" overall length .....	... As above	1 5 0	11-H-12
Driving gear, with bushes	30 teeth ... As above	1 12 6	15-H-6
Bush, only, for driving gear	(2 off) ... As above	3 0	256-X
Sliding gear, for mainshaft ... 23 and 26 teeth ...	... As above	1 5 0	14-H
First gear, for mainshaft	17 teeth ... As above	10 0	24-H-1
Grease retaining washer, for first gear ...	... As above	1 0	252-X
Layshaft .....	... As above	1 0 0	29-H-3
Small gear, for layshaft	19 teeth ... As above	10 0	25-H-2
Third gear, for layshaft	23 teeth ... As above	17 6	27-H
Second gear, for layshaft	26 teeth ... As above	17 6	27-H
First gear, for layshaft	32 teeth ... As above	12 0	28-H-1

GEAR OPERATING GROUP.

Bell crank inner lever .....	... As above	8 6	37-H
Spindle, for bell crank lever .....	... As above	2 6	38-H
Plain bush, for bell lever spindle .....	... As above	1 0	39-H
Screw bush, for bell lever spindle .....	... As above	1 0	40-H
Operating block, for bell lever .....	... As above	2 0	89-X
Pawl, for bell lever .....	... As above	2 0	42-H
Bearing screw, for pawl .....	... As above	1 3	94-X
Nut, for bearing screw .....	... As above	4	95-X
Cap, for pawl bearing .....	... As above	2	205-X
Spring, for bell lever pawl .....	... As above	1	48-X
Control inner lever .....	... As above	4 0	195-X-4
Bolt, for control inner lever .....	... As above	1 0	49-H-5
Washer, for inner lever bolt .....	... As above	2	243-X
Trunnion ball, for inner lever .....	... As above	1 6	99-X

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

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

Description.	Used on.	Price each.	Part Number.
Index ratchet plate, with spindle	As above	7 6	CO-51-8
Quadrant	As above	6 6	CO-53-8
Pawl	As above	1 6	CO-52-6
Pin, for pawl	As above	1	87-X
Spindle, for pawl	As above	3	CO-60-2
Spring, for pawl (C)	As above	3	CO-67-2
Cotter pin, for pawl	As above	1	CO-102
Pin, for pawl spring	As above	1	87-X
Bush, for control spindle (in K.S. case)	As above	4 0	CO-54-12
Bush, for control spindle, (in K.S. case cover)	As above	2 0	CO-99-2
Main spring, for control	As above	3	CO-66-3
Pin, for main spring	As above	3	CO-98

All the above gear operating parts are located inside the kickstarter case.

(C) This is the smaller of the two scissor springs.

(D) This is the larger of the two scissor springs.

GEAR CONTROL GROUP.

Neutral indicator, small fixed (E)	As above	3	CO-101-2
Neutral indicator, large, moving (F)	As above	2	CO-97
Nut, retaining moving indicator	As above	2	287-X
Foot control lever (G.H.)	As above	7 6	CO-92-12
Foot control lever assembly (J)	As above	8 4	CO-92-12-A
Rubber, for foot control lever (H)	As above	9	CO-82-2
Pin, fixing foot lever rubber (H)	As above	1	CO-38
Bolt, clamping foot lever	As above	1 3	CO-65-3
Nut, for foot lever clamping bolt	As above	2	10-X

(E) This is fixed to a stud securing the kickstarter case cover.

(F) This fits over the two flats cut on the outside end of the control spindle.

(G) The price does not include, rubber, rubber fixing pin, clamping bolt and nut for clamping bolt.

(H) It is usual to supply these parts assembled, ready for use, see item under reference J.

(J) Includes: Foot control lever, rubber and rubber fixing pin, but does not include clamping bolt and nut.

KICKSTARTER GROUP.

Driving ratchet (K)	As above	4 0	266-X
Ratchet pinion (L)	As above	5 0	192-H
Bush, for ratchet pinion	As above	2 0	264-X
Spring, for ratchet pinion	As above	9	265-X
Nut, retaining ratchet pinion	As above	6	258-X
Spindle, for K.S. quadrant and lever (M)	As above	7 6	198-X-4
Bush, for K.S. spindle (in K.S. case)	As above	2 0	201-X-2
Bush, for K.S. spindle (in K.S. case cover)	As above	2 0	200-X-3
Quadrant, for K.S. spindle (M)	As above	10 6	199-X-4
K.S. spindle and quadrant assembly (N)	As above	18 0	199-X-4-A
Return spring, for kickstarter	As above	2 0	130-X
Pin, for return spring	As above	1	132-X
Stop rubber and sleeve, for quadrant	As above	6	320-X
Peg, for stop rubber and sleeve	As above	6	202-X

All the above parts are inside the kickstarter case.

Kickstart foot lever, bare (R)	As above	10 6	194-X-14
Pedal pin, for foot lever	As above	3	115-X-1
Bolt, clamping foot lever to spindle	As above	9	315-X
Spring washer, for lever clamping bolt	As above	1	109-X
Nut, for lever clamping bolt	As above	6	144-X

All the above parts are outside the gearbox

(K) This is a splined fit on the gearbox mainshaft.

(L) This fits on the mainshaft.

(M) It is usual to supply these parts assembled, ready for use, see item under reference N.

(N) Consists of kickstarter spindle and quadrant assembled.

(P) This pin fits in the kickstarter case cover and to it is anchored the outer end of the return spring.

(R) Price does not include the pedal pin. This is 3/- extra.

FINAL DRIVE GROUP.

Sprocket, 20 teeth, 1/2in.x.305in.	As above	10 0	261-X-8
Distance collar, for sprocket	As above	2 6	284-X-6
Nut, retaining sprocket to main gear	As above	1 9	82-X

CLUTCH GROUP.

Chainwheel, bare, 40 teeth, 1/2in.x.305in. (S)	As above	1 0	7-X-14
Buffer plate, for sprocket (S) (4 off)	As above	9	8-X
Rubber buffer, for sprocket (S) (4 off)	As above	2	12-X
Bolt and nut, for buffer plate (S) (4 off)	As above	3	9-X/10-X
Clutch-case (for three plate clutch) (S)	As above	12 8	1-X-5
Chainwheel assembly (T)	As above	1 6	7-X-14-A

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

Description.	Used on.	Price each.	Part Number.
Clutch centre	As above	1 0	0 ... 2-X-14
Roller race, for sprocket bearing	As above	2 0	0 ... 34-X-2
Rollers, for sprocket bearing, per set (24 off)	As above	3	6 ... 35-X
Thin washer, for sprocket bearing	As above	9	6 ... 36-X-2
Thick washer, for sprocket bearing	As above	9	9 ... 36-X-5
Nut, retaining centre to mainshaft	As above	6	6 ... 69-X
Plain washer, for retaining nut	As above	1	1 ... 217-X
Spring washer, for retaining nut	As above	2	1 ... 269-X
Steel plain plate, thick	As above	2	0 ... 6-X
Steel plain plate, thin (3 off)	As above	5	0 ... 5-X
Friction plate, with inserts (3 off)	As above	9	0 ... 4-X-2
Fabric inserts, only (V) per dozen	As above	9	0 ... 18-X-5
Spring pressure plate	As above	6	6 ... 100-H
Adjusting screw, for spring plate	As above	6	6 ... 20-X-4
Lock nut, for adjusting screw	As above	1	1 ... 67-X-2
Steel ball, for adjusting screw	As above	6	6 ... 21-X-3
Spring, for clutch (4 off)	As above	4	4 ... 24-X-10
Cup, for clutch spring (4 off)	As above	4	4 ... 23-X
Stud, for clutch spring (4 off)	As above	4	4 ... 23-X
Adjusting nut, for clutch spring (4 off)	As above	4	4 ... 23-X

(S) These parts are usually supplied assembled, ready for use, see item under reference T.

(T) Includes: chainwheel, rubber buffers and plates, and clutch case, assembled.

(V) Two dozen are required for one clutch plate.

CLUTCH OPERATING GROUP.

Thrust rod, 10 31/32in. overall length	As above	1 0	0 ... 244-X
Bracket, for operating lever	As above	3 6	6 ... 3-II-5
Operating lever	As above	2 6	6 ... 103-H
Pin, for operating lever	As above	9	9 ... 104-H
Nut, for operating lever pin	As above	2	2 ... 65-X

For clutch operating levers and cables, see the Handlebar and Control Cable Groups in the Frame Section.

THE FOLLOWING PARTS ONLY REFER TO THE BURMAN TYPE H.P. GEAR BOXES HAVING EXTERNAL (EXPOSED) CLUTCH OPERATING MECHANISM AS FITTED TO MODELS Q2 AND Q2M.

GEAR BOX SHELL GROUP.

Shell, bare	As above	1 5 0	0 ... 1-HP-13
Stud, for shell (3 off)	As above	6	6 ... 60-X
Nut, for shell stud (3 off)	As above	3	3 ... 65-X
Cover, for grease aperture in shell	As above	6	6 ... 71-X
Stud, for grease aperture cover (2 off)	As above	2	2 ... 158-X
Nut, for grease aperture cover stud (2 off)	As above	6	6 ... 63-X
Kickstarter case, or end plate	As above	16 6	6 ... 2-H-3
Screw securing end plate and cap	As above	3	3 ... 64-X
Aluminium cover, for foot change mechanism	As above	7 6	6 ... 3-H-4
Stud, securing end plate cap (3 off)	As above	6	6 ... 62-X
Nut, for end plate cap stud (3 off)	As above	2	2 ... 63-X
Grease nipple, for end plate (2 off)	As above	2	2 ... 245-X-1

BEARING GROUP.

Ball bearing, for main driving gear... (A)	As above	12 6	6 ... 267-X
Washer, for ball bearing	As above	4	4 ... 259-X
Spring split ring, retaining washer	As above	4	4 ... 78-X
Ball bearing, for mainshaft (B)	As above	10 0	0 ... 268-X
Washer, for mainshaft bearing	As above	3	3 ... 260-X
Washer, external, for mainshaft bearing	As above	5	5 ... 254-X
Retaining ring, for mainshaft bearing	As above	1 0	0 ... 253-X
Bush, for layshaft (2 off)	As above	3 0	0 ... 255-X
Peg, locating layshaft bush (2 off)	As above	1	1 ... 87-X
Cover washer, in shell, for layshaft bush	As above	2	2 ... 205-X

(A) Dimensions: 2 1/2in. external, 1 3/16in. internal, 7/16in. thick.

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

GEAR AND SHAFT GROUP.

Mainshaft, 10 1/2" overall length	As above	1 5 0	0 ... 11-H-12
Driving gear, with bushes	As above	1 12 6	6 ... 15-H-2
Bush, only, for driving gear (2 off)	As above	3 0	0 ... 256-X
Sliding gear, for mainshaft 23 and 26 teeth	As above	1 5 0	0 ... 14-H
First gear, for mainshaft 17 teeth	As above	10 0	0 ... 24-H
Grease retaining washer, for first gear	As above	1 0	0 ... 252-X
Layshaft	As above	1 0	0 ... 29-H
Small gear, for layshaft	As above	10 0	0 ... 25-II-2
Third gear, for layshaft	As above	17 6	6 ... 26-H
Second gear, for layshaft	As above	17 6	6 ... 27-H
First gear, for layshaft	As above	12 0	0 ... 28-H

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

Description.	Used on.	Price each.	Part Number.
GEAR OPERATING GROUP.			
£ s. d.			
Bell crank inner lever	As above	8 6	37-H
Spindle, for bell crank lever	As above	2 6	38-H
Plain bush, for bell lever spindle	As above	1 0	39-H
Screwed bush, for bell lever spindle	As above	1 0	40-H
Operating block, for bell lever	As above	2 0	89-X
Pawl, for bell lever	As above	2 0	42-H
Bearing screw, for pawl	As above	1 3	94-X
Nut, for bearing screw	As above	4	95-X
Cap. for pawl bearing	As above	2	203-X
Spring, for bell lever pawl	As above	9	193-X-4
Control inner lever	As above	4 0	48-H
Bolt, for control inner lever	As above	1 0	49-H-3
Washer, for inner lever bolt	As above	2	245-X
Trunnion ball, for inner lever	As above	1 6	99-X

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

Index ratchet plate, with spindle	As above	7 9	CO-51-7
Quadrant	As above	6 6	CO-53-6
Pawl	As above	1 6	CO-52-6
Pin, for pawl	As above	1	87-X
Spindle, for pawl	As above	3	CO-60-2
Spring for pawl	(C) As above	5	CO-67-2
Cotter pin, for pawl	As above	1	CO-102
Pin, for pawl spring	As above	1	87-X
Bush, for control spindle (in K.S. case)	As above	4 0	CO-54-12
Bush, for control spindle (in K.S. case cover)	As above	2 0	CO-59
Main spring, for control	(D) As above	3	CO-66-3
Pin, for main spring	As above	5	CO-98

All the above gear operating parts are located inside the kickstarter case.

(C) This is the smaller of the two scissor springs.

(D) This is the larger of the two scissor springs.

GEAR CONTROL GROUP.

Neutral indicator, small, fixed	(E) As above	3	CO-101
Neutral indicator, large, moving	(F) As above	6	CO-97
Nut, retaining moving indicator	As above	2	287-X
Foot control lever	(G.H.) As above	7 6	CO-92-11
Foot control lever assembly	(J) As above	8 4	CO-92-11-A
Rubber, for foot control lever	(H) As above	9	CO-82-2
Pin, fixing foot lever rubber	(H) As above	1	CO-38
Bolt, clamping foot lever	As above	1 3	CO-63-3
Nut, for foot lever clamping bolt	As above	2	10-X

(E) This is fixed to a stud securing the kickstarter case cover.

(F) This fits over the two flats cut on the outside end of the control spindle.

(G) The price does not include, rubber, rubber fixing pin, clamping bolt and nut for clamping bolt.

(H) It is usual to supply these parts assembled, ready for use, see item under reference J.

(J) Includes: foot control lever, rubber and rubber fixing pin, but does not include clamping bolt and nut.

KICKSTARTER GROUP.

Driving ratchet	As above	4 0	266-X
Ratchet pinion	As above	5 0	265-X
Bush, for ratchet pinion	As above	2 0	264-X
Spring, for ratchet pinion	As above	9	265-X
Nut, retaining ratchet pinion	As above	4	70-X
Spindle, for kick-start lever (fits in shell)	As above	4 6	125-X-15
Quadrant, on K.S. lever	As above	10 0	118-X
Retaining bush, for K.S. quadrant	As above	1 6	124-X
Return spring, for kickstarter	As above	2 0	130-X
Stop, for K.S. quadrant	As above	3	134-X
Bush, for K.S. quadrant stop	As above	8	135-X

All the above parts are inside the kickstarter case.

Kick start foot lever, bare	(K) As above	9 0	114-X
Pedal pin, for foot lever	As above	3 0	115-X-1
Washer, retaining foot lever on spindle	As above	2	126-X
Cotter pin, retaining foot lever on spindle	As above	1	127-X
Washer, oil retaining, on foot lever	As above	3	121-X
Grease nipple, for foot lever	As above	2	245-X
Cover plate, for return spring	As above	2 0	128-X
Bolt, retaining spring cover plate	As above	4	135-X
Washer, for cover plate retaining bolt	As above	3	136-X
Nut, for cover plate retaining bolt	As above	4	95-X

(K) The price does not include the pedal pin, quadrant and bush and oil retaining washer. The price of the foot lever with all of these parts is £1. 5s. 9d. (this also includes the kick start spring cover plate).

All the above parts are outside the gearbox.

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

Description.	Used on.	Price each.	Part Number.
FINAL DRIVE GROUP.			
£ s. d.			
Sprocket, 20 teeth, 1/2"x.305"	As above	10 0	261-X-8
Distance collar, for sprocket	As above	1 0	284-X
Thick washer, for main gear wheel	As above	1 0	263-X
Nut, retaining sprocket to main gear wheel	As above	1 9	82-X

CLUTCH GROUP.

Chainwheel, bare, 40 teeth, 1/2"x.305" ... (S)	As above	1 0 0	7-X-14
Buffer plate, for sprocket	(S) (4 off) As above	9	8-X
Rubber buffer, for sprocket	(S) (4 off) As above	2	12-X
Bolt and nut, for buffer plate ... (S)	(4 off) As above	3	9-X/10-X
Clutch case (for three plate clutch)	(S)	12 0	1-X-6
Chainwheel assembly	(T) As above	1 16 8	7-X-14-A
Clutch centre	As above	1 0 0	2-X-12
Roller race, for sprocket bearing	As above	2 0	35-X
Rollers, for sprocket bearing, per set ... (24 off)	As above	3	36-X-1
Thin washer, for sprocket bearing	As above	9	36-X
Thick washer, for sprocket bearing	As above	9	36-X-1
Nut, retaining centre to mainshaft	As above	3	69-X
Plain washer, for retaining nut	As above	1	217-X
Spring washer, for retaining nut	As above	2 0	269-X
Steel plain plate, thick	As above	2	6-X
Steel plain plate, thin	(3 off) As above	2 0	6-X
Friction plate, with inserts	(3 off) As above	5 0	3-X-2
Fabric inserts, only	(V) per doz. As above	9	4-X-2
Spring pressure plate	As above	9 0	18-X-5
Adjusting screw, for spring plate	As above	6	19-X-5
Lock nut, for adjusting screw	As above	6	20-X
Spring for clutch	(4 off) As above	6	21-X
Cup, for clutch spring	(4 off) As above	6	22-X
Stud, for clutch spring	(4 off) As above	4	24-X
Adjusting nut, for clutch spring ... (4 off)	As above	4	23-X

(S) These parts are usually supplied assembled, ready for use, see item under reference T.

(T) Includes: chainwheel, rubber buffers and plates, and clutch case, assembled.

(V) Two dozen are required for one clutch plate.

CLUTCH OPERATING GROUP.

Thrust rod, 11 1/2" overall length	As above	1 0	28-X-1
Operating lever	As above	3 0	65-X-3
Pin, for operating lever	As above	9	66-X
Nut, for operating lever pin	As above	2	63-X

For clutch operating levers and cables, see the Handlebar and Control Cable Groups in the Frame Section.

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

SERVICE.

The Service Department is 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. (Closed on Sundays and national holidays.)

If it is necessary to bring a machine personally to the works for an urgent repair, please note it is essential that an appointment is made beforehand, by letter or telephone, to avoid disappointment.

FRAME SECTION.

Description.	Used on.	Price. Each.	Part Number.
MAIN FRAME GROUP.			
		£ s. d.	
Front portion, only, of frame	... 250	... 3 0 0	... 38-G2-F23
Front portion, only, of frame	... 350 and 500	... 3 5 0	... 38-G3-F23
Rear portion, only, of frame	... G2 and G2M	... 2 15 0	... 38-G2-F24
Rear portion, only, of frame	... G3 and G4	... 2 18 0	... 38-G3-F24
Rear portion, only, of frame	... G80 and G90	... 2 18 0	... 38-G3-F24
Rear portion, only, of frame	... Comp.	... 2 18 0	... 38-G3C-F24
Frame, complete	... G2 and G2M	... 5 15 0	... 38-G2-FC
Frame, complete	... G2MC	... 5 18 0	... 38-G2MC-FC
Frame, complete	... G3 and G4	... 6 3 0	... 38-G3-FC
Frame, complete	... G3C and G80C	... 6 3 0	... 38-G3C-FC
Frame, complete	... G80 and G90	... 6 3 0	... 38-G3-FC
Bolt, for seat lug	... All	... 6	... STD 597
Washer, for seat lug bolt (2 off)	... All	... 1	... STD 8
Nut, for seat lug bolt (2 off)	... All	... 1	... STD 1
Nut, for earth wire, on seat lug bolt (A)	... All	... 1	... STD 79
Bolt, for seat tube bottom lug (B-1)	... G2	... 3	... STD 301
Bolt, for seat tube bottom lug (B-2)	... All but G2	... 3	... STD 302
Bolt, adjusting rear chain (2 off)	... All	... 2	... STD 5
Collar, for rear chain bolt (2 off)	... All	... 2	... STD 596
Nut, for rear chain bolt (2 off)	... All	... 2	... STD 655
Grease nipple, for head lug	... All	... 2	... STD 5
Engine plate, left	... G2	... 5 6	... 36-G2-E250
Engine plate, left	... All but G2	... 5 6	... 36-G3-E250-L
Engine plate, right	... G2	... 5 6	... 36-G2-E250
Engine plate, right	... All but G2	... 5 6	... 36-G3-E250-R

(A) This nut screws on to a small extended threaded portion of the seat lug bolt and fixes the earth wire.

(B-1) This bolt retains the engine plates to the main frame.

(B-2) This bolt retains the engine plates to the main frame and it also passes through the rear holes in the magneto platform, retaining the platform and forming a hinge pin for the platform to provide movement for magneto chain adjustment.

For the bolt passing through the bottom of the crankcase and which also unites the front and rear portions of the frame, see the Crankcase Bolt Group in the Engine Section. Also see the same group for the capped plated nuts and washers.

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

**GENUINE
MATCHLESS
PARTS**

PURCHASED DIRECT FROM
THE FACTORY OR FROM
AN AUTHORISED MATCHLESS
DEALER, ARE IDENTICAL WITH
THE PARTS ORIGINALLY BUILT
INTO YOUR MOTORCYCLE. BY
USING GENUINE SPARES YOU
ARE ASSURED THEY WILL FIT
ACCURATELY AND GIVE SATIS-
FACTORY SERVICE.

Description.	Used on.	Price. Each.	Part Number.
FORK GIRDER GROUP.			
		£ s. d.	
Girder, only	... 250	... 2 14 6	... 38-12-FF1
Girder, only	... G3 and G4	... 3 14 6	... 38-8-FF1
Girder, only	... G80 and G90	... 3 14 6	... 38-8-FF1
Grease nipple, for fork girder (2 off)	... G3C and G80C	... 3 14 6	... 38-G3C-FF1
Forks, assembled, complete	... All	... 2	... STD 51
Forks, assembled, complete (C)	... G2M	... 5 7 0	... 38-G2-FFA
Forks, assembled, complete (C)	... G2MC	... 5 7 0	... 38-G2M-FFA
Forks, assembled, complete (C)	... G3 and G80	... 5 9 0	... 38-G2M-C-FFA
Forks, assembled, complete (C)	... G4 and G90	... 7 12 0	... 38-G3-FFA
Forks, assembled, complete (C)	... G3C and G80C	... 7 12 0	... 38-G3C-FFA

(C) Price does not include steering damper, which is 7s. 6d. extra.

Description.	Used on.	Price. Each.	Part Number.
FORK SPRING GROUP.			
Central main spring, bare	... 250	... 5 0	... FFF 32
Top lug, for central main spring	... 350 and 500	... 5 6	... 16372
Bolt, fixing top of main spring	... 350 and 500	... 1 6	... 15957
Bolt, fixing top of main spring	... 250	... 5	... STD 410
Collar, for top fixing bolt	... 350 and 500	... 5	... STD 408
Washer, for top fixing bolt	... 250	... 3	... FFF 35
Nut, for top fixing bolt	... 250	... 1	... STD 10
Side checkspring, bare (2 off)	... G3C and G80C	... 1 8	... 35-G3-FF132
Crosshead, for checkspring (2 off)	... G4 and G90	... 1 8	... 35-G3-FF132
Crosshead, for checkspring (4 off)	... G4 and G90	... 2 4	... 17726
Pin, for checkspring crosshead (4 off)	... G3C and G80C	... 2 4	... 17726
Pin, for checkspring crosshead (4 off)	... G4 and G90	... 9	... 17728
Washer, for crosshead pin (4 off)	... G3C and G80C	... 1	... STD 11
Washer, for crosshead pin (4 off)	... G4 and G90	... 1	... STD 11
Split pin, for crosshead pin (4 off)	... G3C and G80C	... 1	... STD 14
Split pin, for crosshead pin (4 off)	... G4 and G90	... 1	... STD 14

Description.	Used on.	Price. Each.	Part Number.
FORK CROWN AND LUG GROUP.			
Fork crown and steering stem, bare	... G2 and G2M	... 13 6	... 37-G2-FF19-A
Fork crown and steering stem, bare	... G2MC	... 16 0	... 37-12-FF19-A
Fork crown and steering stem, bare	... G3 and G4	... 1 0 0	... 37-G3-FF19-A
Fork crown and steering stem, bare	... G80 and G90	... 1 0 0	... 37-G3-FF19-A
Fork crown and steering stem, bare	... G3C and G80C	... 1 0 0	... 37-G3C-FF19-A
Ball race, for fork crown	... All	... 3 2	... STD 805
Grease nipple, for fork crown (2 off)	... All	... 2	... STD 51
Top lug, for steering stem	... G2 and G2M	... 8 0	... 37-G2-FF21
Top lug, for steering stem	... G2MC	... 7 6	... 37-12-FF21
Top lug, for steering stem	... 350 and 500	... 9 6	... 37-8-FF21
Ball race, for top lug and frame (3 off)	... All	... 2 5	... STD 806
Ball, 3/16" diameter, for head (58 off)	... All	... 1 1	... STD 72-58
Grease nipple, for steering top lug	... All	... 2	... STD 51
Adjusting nut, for steering top lug	... All	... 8	... STD 235
Lock nut, for steering adjusting nut	... G2	... 1 6	... L4FF 46
Lock nut, for steering adjusting nut	... All but G2	... 1 0	... STD 236
Clip, only, for handlebar	... G2 and G2M	... 1 0	... FFF 21-B
Clip, only, for handlebar (D) (2 off)	... All but G2, G2M	... 6 6	... 35-G3-FF42
Bolt, for handlebar clip (2 off)	... G2 and G2M	... 4	... STD 365
Bolt, for handlebar clip (6 off)	... All but G2, G2M	... 3	... STD 367
Washer, for handlebar clip bolt (2 off)	... G2 and G2M	... 1	... STD 11
Washer, for handlebar clip bolt (6 off)	... All but G2, G2M	... 1	... STD 11

(D) Each clip consists of two halves, one is screwed, the other has plain holes. Halves only are not supplied.

Description.	Used on.	Price. Each.	Part Number.
FORK SPINDLE GROUP.			
Top spindle, bare, front or rear (2 off)	... 250	... 2 0	... 37-12-FF28
Top spindle, bare, front or rear (2 off)	... G3 and G80	... 2 0	... 36-G3-FF28
Top spindle, bare, front or rear (2 off)	... G3C and G4	... 2 0	... 36-G3C-FF28
Top spindle, bare, front or rear (2 off)	... G80C and G90	... 2 0	... 36-G3C-FF28
Bottom spindle, bare, front position	... 250	... 2 5	... 37-12-FF27
Bottom spindle, bare, front position	... G3 and G80	... 2 0	... 36-G3-FF27
Bottom spindle, bare, front position	... G3C and G4	... 2 3	... 36-G3C-FF27
Bottom spindle, bare, front position	... G80C and G90	... 2 3	... 36-G3C-FF27
Bottom spindle, bare, rear position	... 250	... 2 0	... 37-12-FF28
Bottom spindle, bare, rear position	... G3 and G80	... 2 0	... 36-G3-FF18
Bottom spindle, bare, rear position	... G3C and G4	... 2 0	... 36-G3C-FF18
Bottom spindle, bare, rear position	... G80C and G90	... 2 0	... 36-G3C-FF18
Packing washer, for spindles (8 off)	... 250	... 1	... STD 166
Packing washer, for spindles (8 off)	... 350 and 500	... 1	... STD 167
Nut, for bottom front spindle, left (E)	... 250	... 4	... STD 616
Nut, for bottom front spindle, left (E)	... 350 and 500	... 4	... STD 617
Lock nut for spindles (7 off)	... 250	... 3	... STD 2
Lock nut, for spindles (7 off)	... 350 and 500	... 3	... STD 1

(E) This nut locates the fork damper steel plates.

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Description.	Used on.	Price. Each.	Part Number.
FORK LINK GROUP.			
		£ s. d.	
Link, only, top, left (threaded holes)	... 250	1 3	STD 810
Link, only, top, left (threaded holes)	... G3 and G80	2 0	17455-B
Link, only, top, left (threaded holes)	... G3C and G4	4 9	36-G3C-PF25
Link, only, top, left (threaded holes)	... G80C and G90	4 9	36-G3C-PF25
Link, only, top, right (plain holes)	... 250	1 6	STD 809
Link, only, top, right (plain holes)	... G3 and G80	1 9	17455-A
Link, only, top, right (plain holes)	... G3C and G4	4 6	36-G3C-PF26
Link, only, top, right (plain holes)	... G80C and G90	4 6	36-G3C-PF26
Link, only, bottom, left (threaded holes)	... 250	2 0	STD 807
Link, only, bottom, left (threaded holes)	... G3 and G80	3 9	36-G3-PF24
Link, only, bottom, left (threaded holes)	... G3C and G4	6 0	36-G3C-PF24
Link, only, bottom, left (threaded holes)	... G80C and G90	6 0	36-G3C-PF24
Link, only, bottom, right (plain holes)	... 250	1 3	STD 808
Link, only, bottom, right (plain holes)	... G3 and G80	1 9	17455-A
Link, only, bottom, right (plain holes)	... G3C and G4	4 6	36-G3C-PF23
Link, only, bottom, right (plain holes)	... G80C and G90	4 6	36-G3C-PF23

FORK DAMPER GROUP.

Friction washer (grey fabric) (2 off)	... 250	9	STD 814
Friction washer (grey fabric) (2 off)	... 350 and 500	9	STD 816
Steel plate (fixed to fork link)	... 250	5	STD 811
Steel plate (fixed to fork link)	... 350 and 500	5	STD 815
Steel plate (fixed to fork girder)	... 250	5	STD 811
Steel plate (fixed to fork girder)	... 350 and 500	5	STD 815
Bolt, fixing plate to fork link	... 250	2	STD 70
Bolt, fixing plate to fork link	... 350 and 500	3	STD 363
Bolt, fixing plate to fork girder	... 250	2	STD 70
Bolt, fixing plate to fork girder	... 350 and 500	2	STD 361
Spacer, for plate to link bolt	... 250	3	STD 636
Spacer, for plate to link bolt	... 350 and 500	3	STD 637
Washer, for plate to link bolt	... 250	1	STD 12
Washer, for plate to link bolt	... 350 and 500	1	STD 11
Washer, for plate to girder bolt	... 250	1	STD 12
Washer, for plate to girder bolt	... 350 and 500	1	STD 11
Ebonite knob, for adjusting fork damper	... All	1 6	TFP 101-S
Ratchet washer (fits under knob)	... All	2	STD 162
Spring washer (fits under knob)	... All	3	STD 195
Star washer (fits under knob)	... 250	6	STD 705
Star washer (fits under knob)	... 350 and 500	6	STD 705

STEERING DAMPER GROUP. (F)

Friction washer (red fibre) (2 off)	... 250	3	STD 812
Friction washer (red fibre) (2 off)	... 350 and 500	3	APF 139
Steel plate (fixed to fork crown)	... 250	5	STD 811
Steel plate (fixed to fork crown)	... 350 and 500	5	D8FF 597
Steel plate (fixed to frame)	... 250	5	STD 811
Steel plate (fixed to frame)	... 350 and 500	5	D8FF 597
Bolt, fixing plate to crown	... 250	2	STD 70
Bolt, fixing plate to crown	... 350 and 500	2	STD 361
Bolt, fixing plate to frame	... 250	3	STD 348
Bolt, fixing plate to frame	... 350 and 500	2	STD 70
Spacer, for plate to crown bolt	... 250	2	STD 639
Washer, for plate to crown bolt	... 250	1	STD 191
Washer, for plate to crown bolt	... 350 and 500	1	STD 192
Washer, for plate to frame bolt	... 350 and 500	1	STD 12
Ebonite knob, with medallion	... All	2	38-G3-PF100-M
Ebonite knob, less medallion	... All	1 6	38-G3-PF100
Medallion, only (with screw and washer)	... All	1 0	38-G3-PF101
Ratchet washer (fits under knob)	... All	2	STD 162
Spring washer (fits under knob)	... All	3	STD 195
Long drawbolt, for damper knob	... All	9	D8FF 1115
Sleeve, for damper drawbolt	... All	1 9	STD 818-A
Lock nut, for drawbolt sleeve	... All	2	STD 3
Cap washer, for damper	... All	4	APF 114

(F) A steering damper is not fitted to Model G2. All the parts to convert a Model G2 can be supplied for 9s. 6d.

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

SERVICE.

The Service Department is 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. (Closed on Sundays and national holidays.)

If it is necessary to bring a machine personally to the works for an urgent repair, please note it is essential that an appointment is made beforehand, by letter or telephone, to avoid disappointment.

Description.	Used on.	Price. Each.	Part Number.
NAME TRANSFER GROUP.			
		£ s. d.	
Transfer, for rear mudguard	... All	4	38-G3-F383
Transfer, for tool box	... All	3	38-G3-F385
Transfer, for top of oil tank (Y)	... All	2	38-G3-F381
Transfer, for side of oil tank (Y)	... All	2	38-G3-F392
Transfer, for front chaincase (Y)	... All	2	38-G3-F393

(Y) These are "Instruction" transfers.

The lines on the petrol tanks and on some mudguards, are applied by hand, and therefore "Transfers" for lining cannot be supplied.

HANDLEBAR GROUP.

Handlebar, bare (black)	... All but G4, G90	12 6	38-8-PF66
Handlebar, bare (plated)	... G4 and G90	16 6	38-8-PF66-P
End plug, for handlebar (2 off)	... All	10*	2897-1

TWIST GRIP GROUP.

Grip, complete, assembled	... All	8 0*	70SHT
Body, only, top half with friction spring	... All	2 2*	3430
Body, only, bottom half, bare	... All	2 4*	3432
Screw, clamping body halves (2 off)	... All	5	BC 276
Operating sleeve, with rubber grip	... All	3 2*	3440-1
Rubber grip, only, for operating sleeve	... All	8*	5980
Friction spring (in bottom half of body)	... All	1*	3436
Rivet, for friction spring	... All	1*	3535
Adjusting screw, for friction spring	... All	2 1*	BC 40
Lock nut, for adjusting screw	... All	2*	BC 41
Split adaptor, for throttle	... All	3*	3434
Tape, for fixing twist grip to bar	... All	2*	3390

For control cables, see Control Cable Group in this Section.

DUMMY GRIP GROUP.

Grip, complete, assembled	... All	2 3*	AU 1072
Rubber, only, for dummy grip	... All	9*	3141
End ferrule, for dummy grip (2 off)	... All	9*	3142

CLUTCH, BRAKE, IGNITION, AND AIR LEVER GROUP.

Brake and air levers, complete assembly	... All	10 0*	403-424-7B
Clutch and ignition levers, complete assembly	... All	10 0*	403-424-7L
Brake, or clutch, lever, only (2 off)	... All	3	5963-1
Fulcrum screw, for lever (2 off)	... All	3*	2777
Nut, for lever fulcrum screw (2 off)	... All	1*	8
Ignition lever, only	... All	2 0*	4049-L
Air lever, only	... All	2 0*	4049-R
Cone washer, for ignition and air levers	... All	4*	2324
Spring washer, for ignition and air levers	... All	1*	2325
Cap, for ignition and air levers	... All	5*	2781
Front brake and air lever body asbly. (G)	... All	7*	2782
Clutch and ignition lever body asbly. (H)	... All	6 0*	2148-4056-R
Brake lever body, bare	... All	6 0*	2148-4056-L
Clutch lever body, bare	... All	2 0*	4056-L
Ignition body lever, bare	... All	2 0*	4056-R
Air lever body, bare	... All	2 6*	2148-L
Half clip, for bke. and clth. lever body	... All	2 6*	2148-R
Hinge pin, for half clip	... All	1 0*	4058A
Screw, clamping half clip	... All	1*	1718A
		5*	3125

(G) Includes: brake lever body, air lever body, half clip, hinge pins and clamping screw.

(H) Includes: clutch lever body, ignition lever body, half clip, hinge pins and clamping screw.

For control cables, see Control Cable Group in this Section.

EXHAUST LIFTER LEVER GROUP.

Description.	Used on.	Price. Each.	Part Number.
		£ s. d.	
Exhaust lifter lever, complete assembly	... All	4 6*	725
Exhaust lifter lever, only	... All	2 6*	3900
Fulcrum screw, for exhaust lifter lever	... All	2*	2114
Nut, for fulcrum screw	... All	1*	8
Body, bare, for lifter lever	... All	2 8*	2980
Half clip, for lever body	... All	1 0*	2982
Screw, clamping half clip (2 off)	... All	2*	2417

For control cables, see Control Cable Group in this Section.

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Description.	Used on.	Price. Each.	Part Number.
FRONT BRAKE CABLE GROUP.			
		£ s. d.	
Brake cable, complete, assembled ... (J)	... G2 and G2M	2 9	38-B-7
Brake cable, complete, assembled ... (J)	... G2MC	2 9	38-B-8
Brake cable, complete, assembled ... (J)	... G3 and G4	3 9	38-B-9
Brake cable, complete, assembled ... (J)	... G80 and G90	3 9	38-B-9
Brake cable, complete, assembled ... (J)	... G3C and G80C	3 9	38-B-10
Inner wire, bare, 27" ... (K)	... 250	5	12-27
Inner wire, bare, 46" ... (K)	... G3 and G4	9	12-46
Inner wire, bare, 46" ... (K)	... G80 and G90	9	12-46
Inner wire, bare, 47" ... (K)	... G3C and G80C	9	12-47
Rubber sleeve, for inner wire	... 350 and 500	1	4329
Nipple, for inner wire (brake end)	... 250	1	11753
Nipple, for inner wire (brake end)	... 350 and 500	1	3
Nipple, for inner wire (handlebar end)	... 250	1 0	12C-20
Outer casing, bare, 14" ... (L)	... 350 and 500	1 0	12C-14
Ferrule, for outer casing ... (2 off)	... All	1	12F
Knurled adjuster, for brake cable	... 250	4	11751
Knurled adjuster, for brake cable	... 350 and 500	1 0	16365
Lock nut, for knurled adjuster	... 250	2	STD 622
Lock nut, for knurled adjuster	... 350 and 500	4	16365
Spring box, bare, for brake cable	... 250	1 6	11756
Spring, for spring box	... 250	4	11763
Plunger, for spring box	... 250	1 0	11762
Rod, for front brake	... G2 and G2M	6*	38-FBH-20
Rod, for front brake	... G2MC	1 6	36-12-B10
Adjuster nut, for brake rod	... G2 and G2M	7*	38-FBH-21
Adjuster nut, for brake rod	... G2MC	9	11757
Lock nut, for rod adjuster nut	... G2MC	1	STD 210
Crosshead, for expander lever	... G2 and G2M	5*	38-FBH-22
Yoke end, for front brake rod	... G2MC	10	11755
Yoke end, for front brake cable	... 350 and 500	10	16482
Pin, for yoke end	... All but G2, G2M	3	STD 736
Split pin for yoke end pin	... All but G2, G2M	1	STD 48

(J) Includes all the parts that must be threaded on the inner cable before the nipples are fitted.

(K) Does not include nipples.

(L) Does not include casing ferrules.

CLUTCH CABLE GROUP.

Clutch cable, complete, assembled ... (J)	... G2 and G2M	4 0	38-C-5
Clutch cable, complete, assembled ... (J)	... G2MC	4 9	38-C-6
Clutch cable, complete, assembled ... (J)	... 350 and 500	4 9	38-C-7
Inner wire, bare, 49 1/2" ... (K)	... G2 and G2M	8	12-49 1/2
Inner wire, bare, 51" ... (K)	... G2MC	9	12-51
Inner wire, bare, 55" ... (K)	... 350 and 500	9	12-55
Rubber sleeve, for inner wire	... 350 and 500	1	4328
Nipple, for inner wire (gearbox end)	... All	1	4
Nipple, for inner wire (handlebar end)	... All	2*	2778
Outer casing, bare, 43 1/2" ... (L)	... G2 and G2M	1 10	12C-43 1/2
Outer casing, bare, 46" ... (L)	... G2MC	2 0	12C-46
Outer casing, bare, 47" ... (L)	... 350 and 500	2 5	12C-47
Ferrule, for outer casing ... (2 off)	... All	1	12E
Adjuster, for clutch cable	... G2 and G2M	4	RG 91
Adjuster, for clutch cable	... All but G2, G2M	1 0	D8E 1900
Lock nut, for cable adjuster	... G2 and G2M	2	STD 622
Lock nut, for cable adjuster	... All but G2, G2M	4	3866

(J) Includes all the parts that must be threaded on the inner cable before the nipples are fitted.

(K) Does not include nipples.

(L) Does not include casing ferrules.

VALVE LIFTER CABLE GROUP.

Valve lifter cable, complete, assembled (J)	... G2 and G2M	3 4	38-V-5
Valve lifter cable, complete, assembled (J)	... All but G2, G2M	3 6	38-V-6
Inner wire, bare, 35 1/2" ... (K)	... G2 and G2M	7	12-35 1/2
Inner wire, bare, 36 1/2" ... (K)	... All but G2, G2M	7	12-36 1/2
Nipple, for inner wire (engine end)	... All	1	3
Nipple, for inner wire (handlebar end)	... All	1	2368
Outer casing, bare, 29 1/2" ... (L)	... G2 and G2M	1 3	12C-29 1/2
Outer casing, bare, 32 1/2" ... (L)	... All but G2, G2M	1 5	12C-32 1/2
Ferrule, for outer casing ... (2 off)	... All	1	12E
Armoured sheath, for outer casing	... All	3	STD 709
Adjuster, for valve lifter cable	... All	2	11751
Lock nut, for cable adjuster	... All	2	STD 662

(J) Includes all the parts that must be threaded on the inner cable before the nipples are fitted.

(K) Does not include nipples.

(L) Does not include casing ferrules.

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Description.	Used on.	Price. Each.	Part Number.
IGNITION CONTROL CABLE GROUP.			
		£ s. d.	
Ignition cable, complete, assembled ... (J)	... G2	4 6	38-I-8
Ignition cable, complete, assembled ... (J)	... G2M, G2MC	4 6	38-I-9
Ignition cable, complete, assembled ... (J)	... 350 and 500	4 0	38-I-10
Inner wire, bare, 39 1/2" ... (K)	... G2	7	11-39 1/2
Inner wire, bare, 41" ... (K)	... G2M, G2MC	7	11-41
Inner wire, bare, 42" ... (K)	... 350 and 500	8	11-44
Nipple, for inner wire (magneto end)	... G2	1	8
Nipple, for inner wire (handlebar end)	... All but G2	6	MC 4
Outer casing, bare, 35 1/2" ... (L)	... G2	1 5	11C-33 1/2
Outer casing, bare, 36" ... (L)	... G2M, G2MC	1 6	11C-36
Outer casing, bare, 39" ... (L)	... 350 and 500	1 8	11C-39
Ferrule, for outer casing ... (2 off)	... All	1	11E
Rubber cap, for cable entry	... All but G2	1	6* MC 9
Rubber cap, for cable entry	... G2	3	MC 9
Cable adjuster, with lock nut	... All but G2	5	MC 7-8
Cable sleeve (screws into timing case)	... G2	6	18 M
Cable spring (screws into magneto)	... All but G2	6	MC 6
Cable spring	... G 1/2	4	17 M
Cable spring (slides in timing case)	... All but G2	2	MC 5
Nipple sleeve (slides in timing case)	... G2	6	15 M

(J) Includes all the parts that must be threaded on the inner cable before the nipples are fitted.

(K) Does not include nipples.

(L) Does not include casing ferrules.

THROTTLE CABLE GROUP.

Throttle cable, complete, assembled ... (J)	... G2	3 6	38-T-6
Throttle cable, complete, assembled ... (J)	... G2M, G2MC	3 6	38-T-7
Throttle cable, complete, assembled ... (J)	... 350 and 500	3 6	38-T-8
Inner wire, bare, 45" ... (K)	... G2	8	11-45
Inner wire, bare, 42" ... (K)	... G2M, G2MC	7	11-42
Inner wire, bare, 46 1/2" ... (K)	... 350 and 500	8	11-46 1/2
Nipple, for inner wire (carburettor end)	... All	2*	1482
Nipple, for inner wire (handlebar end)	... All	1*	3327
Outer casing, bare, 37" ... (L)	... G2	1 7	11C-37
Outer casing, bare, 36" ... (L)	... G2M, G2MC	1 6	11C-36
Outer casing, bare, 40 1/2" ... (L)	... 350 and 500	1 9	11C-40 1/2
Ferrule, for outer casing ... (2 off)	... All	4*	14-035
Cable adjuster	... All	4*	14-035

(J) Includes all the parts that must be threaded on the inner cable before the nipples are fitted.

(K) Does not include nipples.

(L) Does not include casing ferrules.

AIR CABLE GROUP.

Air cable, complete, assembled ... (J)	... 250	3 0	38-A-6
Air cable, complete, assembled ... (J)	... 350 and 500	3 6	38-A-7
Inner wire, bare, 39" ... (K)	... 250	7	11-39
Inner wire, bare, 42" ... (K)	... 350 and 500	8	11-42
Nipple, for inner wire (carburettor end)	... All	2*	1482
Nipple, for inner wire (handlebar end)	... All	1	3327
Outer casing, bare, 35" ... (L)	... 250	1 5	11C-35
Outer casing, bare, 36" ... (L)	... 350 and 500	1 6	11C-36
Ferrule, for outer casing ... (2 off)	... All	1	11E
Cable adjuster	... All	4*	14-035

(J) Includes all the parts that must be threaded on the inner cable before the nipples are fitted.

(K) Does not include nipples.

(L) Does not include casing ferrules.

CABLE CLIP GROUP.

Spring clip, 1 1/2" long ... (2 off)	... All	2	STD 520
Spring clip, 2" long ... (M) (5 off)	... All	3	STD 521
Spring clip, 3" long ... (6 off)	... G2	3	STD 522
Spring clip, 3" long ... (7 off)	... All but G2	3	STD 522
Spring clip, 4" long ... (1 off)	... All	3	STD 523
Strip aluminium pliable clip ... (2 off)	... All	1	STD 525

The above clips are used to retain the control cables and the lighting cables to the frame.

(M) An additional two are used, on all models, when a speedometer is fitted. They are used to retain the speedometer driving cable to the front fork girder.

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Description.	Used on.	Price. Each.	Part Number
FRONT STAND GROUP.			
		£ s. d.	
Front stand, bare	G2MC	5 0	TFP 67
Front stand, bare	G2M, G3, G4	5 0	12403
Front stand, bare	G80 and G90	5 0	12403
Front stand, bare	G3C and G80C	6 0	AFB 67
Bolt, fixing stand to girder (2 off)	G2M, G2MC	3	STD 362
Bolt, fixing stand to girder (2 off)	350 and 500	3	STD 365
Washer, for stand fixing bolt (2 off)	350 and 500	1	STD 11
Nut, for stand fixing bolt (2 off)	All	2	STD 74
Bolt, fixing stand to mudguard	G2M, G3, G4	4	17484
Bolt, fixing stand to mudguard	G80 and G90	4	17484
Bolt, fixing stand to mudguard	Comp.	4	STD 344
Washer, for stand to mudguard bolt	All	1	STD 12
Nut, for stand to mudguard bolt (2 off)	G2M, G3, G4	3	STD 211
Nut, for stand to mudguard bolt (2 off)	G80 and G90	3	STD 211
Nut, for stand to mudguard bolt (2 off)	Comp.	2	STD 5
CENTRE STAND GROUP.			
Centre stand, bare	G2	12 6	35-G3-F144
Bush, for centre stand (2 off)	G2	5	STD 654
Bolt, for centre stand	G2	4	STD 598
Distance tube, for centre stand bolt	G2	4	STD 654
Spring washer, for stand bolt (2 off)	G2	2	STD 196
Plain washer, for stand bolt (2 off)	G2	1	STD 174
Nut, for stand bolt (2 off)	G2	2	STD 5
Return spring, for centre stand	G2	9	STD 707
Anchor bolt, for return spring	G2	5	STD 600
Washer, for anchor bolt	G2	1	STD 11
Nut, for anchor bolt	G2	2	STD 4
REAR STAND GROUP.			
Rear stand, bare	All but G2	19 6	38-G3-F44
Bolt, fixing stand to fork end (2 off)	All but G2	6	38-12-F71
Washer, for stand fixing bolt (2 off)	All but G2	1	STD 8
Nut, for stand fixing bolt (2 off)	All but G2	3	STD 71
Return spring, for rear stand	All but G2	1 6	38-G3-F245
PROP STAND GROUP.			
Prop stand leg, bare	(N)	7 6	35-G3-F342
Hinge bolt, for prop stand leg	Comp.	4	35-G3-F341
Nut, for hinge bolt	Comp.	3	STD 2
Return spring, for prop stand leg	Comp.	6	35-G3-F345
(N) Prop stands can only be fitted to Competition Models.			
FRONT MUDGUARD GROUP.			
Mudguard, bare (enamelled black)	G2	10 0	37-G2-M2
Mudguard, bare (enamelled black)	G2M, G3, G4	11 6	38-G3-M2
Mudguard, bare (enamelled black)	G80 and G90	11 6	38-G3-M2
Mudguard, bare (plated)	Comp.	18 6	37-G3C-M2
Bracket, fixing guard to fork (2 off)	All	6	12407
Plate, for brackets (fits under guard)	All	3	3523
Bolt, fixing plate to brackets (2 off)	All	2	STD 342
Washer, for plate fixing bolt (2 off)	All	1	STD 191
Nut, for plate fixing bolt (2 off)	All	2	STD 5
Bolt, fixing brackets to fork	All	4	STD 365
Washer, for bracket bolt	All	1	STD 11
Nut, for bracket bolt	All	2	STD 4
Stay, for mudguard (4 off)	G2	6	FM 30
Stay, for mudguard (2 off)	G2M	1 4	38-G2-M30
Stay, for mudguard	G3 and G4	1 6	38-G3-M30
Stay, for mudguard	G80 and G90	1 6	38-G3-M30
Stay, for mudguard (2 off)	Comp.	6	37-G3C-M30
Bolt, fixing stay to guard (4 off)	G2	2	STD 70
Bolt, fixing stay to guard (2 off)	G2M and Comp.	2	STD 70
Bolt, fixing stay to guard	G3 and G4	2	STD 451
Bolt, fixing stay to guard (2 off)	G80 and G90	2	STD 451
Spring washer, for stay fixing bolt (4 off)	G2	1	STD 191
Spring washer, for stay fixing bolt (2 off)	All but G2	1	STD 191
Plain washer, for stay fixing bolt (4 off)	G2	1	STD 12
Plain washer, for stay fixing bolt (2 off)	All but G2	1	STD 12
Nut, for stay fixing bolt (4 off)	G2	2	STD 5
Nut, for stay fixing bolt (2 off)	All but G2	2	STD 5
Bolt, fixing stay to girder (2 off)	250	3	STD 365
Bolt, fixing stay to girder	350 and 500	2	STD 70
Spacer, for stay to girder bolt (2 off)	250	2	20768
Washer, for stay to girder bolt (2 off)	250	1	STD 11
Washer, for stay to girder bolt (2 off)	350 and 500	1	STD 12

For the clip bolt retaining the front stand to the front mudguard, see

Front Stand Group in this Section.

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

Description.	Used on.	Price. Each.	Part Number
REAR MUDGUARD GROUP.			
		£ s. d.	
Mudguard, bare (enamelled black) (P)	G2	15 6	37-G2-M4
Mudguard, bare (enamelled black) (P)	G2M, G3, G4	18 6	38-G3-M4
Mudguard, bare (enamelled black) (P)	G80 and G90	18 6	38-G3-M4
Front (short) portion of guard (plated)	Comp.	1 8	37-G3C-M4
Rear (long) portion of guard (plated)	Comp.	7 6	37-G3C-M4-F
Nut, uniting front and rear portions (2 off)	Comp.	1 1 0	37-G3C-M4-R
Nut, uniting front and rear portions (2 off)	G2M, G3, G4	2	2770
Nut, uniting front and rear portions (2 off)	G80 and G90	2	2770
Washer, for guard uniting nut (2 off)	G2M and Comp.	2	STD 5
Washer, for guard uniting nut (2 off)	G80 and G90	1	STD 172
Washer, for guard uniting nut (2 off)	G2 and Comp.	1	STD 10
Tubular arch	G2	13 6	37-G3-F300
Tubular arch	G2M, G3, G4	19 6	38-G3-F300
Tubular arch	G80 and G90	19 6	38-G3-F300
Rear stay, for mudguard (2 off)	Comp.	7	37-G3C-F300
Bolt, fixing guard to top bridge	All	3	STD 346
Bolt, fixing guard to bottom bridge	G2 and Comp.	3	STD 345
Bolt, fixing guard to bottom bridge	G2M, G3, G4	3	STD 346
Plain washer, for top bridge bolt	G80 and G90	3	STD 346
Spring washer, for top bridge bolt	All	1	STD 12
Spring washer, for bottom bridge bolt	All	1	STD 191
Nut, for top bridge bolt	All	1	STD 191
Nut, for bottom bridge bolt	All	2	STD 5
Stud, fixing arch to fork end (2 off)	All	2	STD 5
Nut, locking stud in fork end (2 off)	All	2	STD 270
Nut, fixing arch to fork end stud (2 off)	All	2	STD 74
Spring washer, for stay to arch bolt (2 off)	Comp.	3	STD 213
Nut, for stay to arch bolt (2 off)	Comp.	2	STD 70
Screw, fixing stay to guard (2 off)	Comp.	1	STD 191
Nut, for stay to guard screw (2 off)	Comp.	1	STD 16
Bolt, fixing front of arch to guard	G2	1	STD 24
Bolt, fixing front of arch to guard (2 off)	G2M, G3, G4	2	STD 70
Bolt, fixing front of arch to guard (2 off)	G80 and G90	3	STD 362
Spring washer, for front of arch bolt (2 off)	Comp.	2	STD 361
Spring washer, for front of arch bolt	G2	1	STD 191
Nut, for front of arch bolt (2 off)	All but G2	1	STD 192
Nut, for front of arch bolt (2 off)	G2	2	STD 5
Nut, for front of arch bolt (2 off)	All but G2	2	STD 4
(P) Although these rear mudguards are in two pieces the parts are not sold separately.			
THE FOLLOWING BOLTS, AND PARTS, FIX THE REAR MUDGUARD TO THE REAR PORTION OF THE TUBULAR ARCH, WHEN LOW EXHAUST PIPES ARE FITTED.			
Bolt, rear, left and right side (2 off)	G2	2	STD 361
Bolt, rear, left and right side (2 off)	G2M, G3, G4	4	STD 366
Spring washer, for rear bolt (2 off)	G80 and G90	4	STD 366
Spring washer, for rear bolt (2 off)	G2M, G3, G4	1	STD 192
Nut, for rear bolt (2 off)	G80 and G90	1	STD 192
Nut, for rear bolt (2 off)	G2	2	STD 74
Nut, for rear bolt (2 off)	G2M, G3, G4	2	STD 4
Nut, for rear bolt (2 off)	G80 and G90	2	STD 4
For the bolt that fixes the top of the rear number plate and passes through the tubular arch and the rear mudguard on Model G2, see the Rear Number Plate Group in this Section.			
THE FOLLOWING BOLTS, AND PARTS, FIX THE REAR MUDGUARD TO THE REAR PORTION OF THE TUBULAR ARCH, WHEN HIGH EXHAUST PIPES ARE FITTED.			
Bolt, rear, left side	G2 and Comp.	2	STD 361
Bolt, rear, left side	G2M, G3, G4	3	STD 362
Bolt, rear, left side	G80 and G90	3	STD 376
Bolt, rear, right side	G2	5	STD 378
Bolt, rear, right side	G2M, G3, G4	3	STD 376
Bolt, rear, right side	G80 and G90	3	STD 376
Spacer, for rear left bolt	Comp.	4	STD 365
Spacer, for rear right bolt	G80 and G90	2	L3C 53
Spacer, for rear right bolt	G2	3	L4M 133
Spacer, for rear right bolt	G2M, G3, G4	2	L3C 53
Plain washer, for rear left bolt (2 off)	G80, G90	1	L3C 53
Plain washer, for rear right bolt (2 off)	G2, G2M, G3	2	STD 174
Plain washer, for rear right bolt (2 off)	G4, G80, G90	1	STD 174
Spring washer, for rear left bolt	Comp.	1	STD 174
Spring washer, for rear left bolt	G2, G2M, G3, G4	1	STD 192
Nut, for rear left bolt	Comp.	1	STD 192
Nut, for rear left bolt	All but G2	2	STD 74
Nut (thick), for rear right bolt	All but G2	2	STD 4
Nut (thin), for rear right bolt	G2 and Comp.	2	STD 74

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Description.	Used on.	Price. Each.	Part Number
FRONT NUMBER PLATE GROUP.			
£ s. d.			
Number plate, bare	... All	1 9	STD 741
Clip, for plate (with nut and washer) (2 off)	... All	1	STD 742
Screw, fixing plate to clip (2 off)	... All	2	STD 451
Nut, for plate fixing screw (2 off)	... All	1	STD 80
REAR NUMBER PLATE GROUP.			
Number plate, bare	... All	3 0	STD 740
Stay, for number plate, left side	... G2	4	20665-L
Stay, for number plate, left side	... All but G2	4	38-G3-M205-L
Stay, for number plate, right side	... G2	4	20665-R
Stay, for number plate, right side	... All but G2	4	38-G3-M205-R
Screw, fixing stay (4 off)	... All	2	STD 42
Nut, for stay fixing screw (4 off)	... All	1	STD 24
Bolt, fixing plate to guard at top (R)	... All	3	STD 363
Nut, for top fixing bolt (R)	... All	2	STD 4
Bolt, fixing bottom of plate to guard	... All	2	STD 343
Spacer, for bottom fixing bolt	... All	2	STD 635
Spring washer, for bottom fixing bolt	... All	1	SPD 191
Plain washer, for bottom fixing bolt	... All	1	STD 12
Nut, for bottom fixing bolt	... All	2	STD 5
(R) These parts also retain the centre of the rear part of the tubular arch and the rear mudguard.			
REAR CARRIER GROUP.			
Carrier, bare (S)	... All but Comp.	13 6	38-G3-EQ40
Front fixing bolt (2 off)	... All but Comp.	3	STD 363
Rear fixing bolt (2 off)	... All but Comp.	3	STD 368
Washer, for fixing bolt (4 off)	... All but Comp.	1	STD 11
Nut, for fixing bolt (4 off)	... All but Comp.	2	STD 4
(S) Competition Models cannot be fitted with rear carriers.			
FRONT CHAINCASE GROUP.			
Chaincase, complete	... All	1 15 0	35-G3-C-A
Chaincase, back half, bare	... All	12 6	35-G3-G1
Chaincase, front half, bare	... All	16 0	20817-1
Aluminium band, for chaincase	... All	5 0	12302-7
Screw, clamping chaincase band	... All	2	STD 452
Rubber fillet, or joint, for band	... All	6	12302-9
Inspection cap, complete (T)	... All	1 4	17550-1
Inspection cap, bare	... All	4	STD 780
Cork washer, for inspection cap	... All	4	STD 589
Knurled screw, for inspection cap	... All	2	STD 893
Back plate, for knurled screw	... All	4	STD 781
Bolt, fixing chaincase to engine (3 off)	... All	2	STD 440
Locking plate, for engine bolt (3 off)	... All	2	STD 165
Bolt, fixing centre of chaincase	... All	9	STD 315
Spacer, for centre bolt (between plates)	... All	4	20841
Spacer, for centre bolt (outside plate)	... All	3	20825
Spacer, for centre bolt (inside case)	... All	6	35-2-C29
Washer, for centre bolt (2 off)	... All	1	STD 9
Nut, for centre bolt (3 off)	... All	3	STD 2
(T) "Inspection cap, complete" includes: cap, knurled screw, plate for knurled screw and cork washer.			
REAR CHAINGUARD GROUP.			
Chainguard, bare	... All but Comp.	17 6	38-12-C10
Chainguard, bare	... Comp.	10 6	37-G3-C10
Bolt, fixing top front of guard	... All	4	36-8-C28
Washer, for front top bolt	... All	1	STD 192
Bolt, fixing bottom front of guard	... All	3	STD 349
Spacer, for bottom front bolt	... All	2	LM 16
Washer, for bottom front bolt	... All	1	STD 191
Nut, for bottom front bolt	... All	2	STD 5
Bolt, fixing rear of guard	... All	3	STD 363
Washer, for rear of guard bolt	... All	1	STD 192
FOOTREST GROUP.			
Footrest rod, bare	... All	1 3	20866
Spacer, for rod (inside engine plates)	... All	5	V2 FR 6
Spacer, for rod (outside plates) (2 off)	... All	4	11457-1
Washer, for footrest rod (2 off)	... All	1	STD 194
Nut, for footrest rod (2 off)	... All	3	STD 2
Footrest arm, or hanger (2 off)	... All but Comp.	3	4518
Footrest arm, or hanger (2 off)	... Comp.	3	4518-G
Circular plate, for arm (2 off)	... Comp.	3	2863
Bolt, fixing circular plate (2 off)	... Comp.	3	STD 363
Spring washer, for plate fixing bolt (2 off)	... Comp.	1	STD 192
Rubber pad, for footrest arm (2 off)	... All but Comp.	1 6	16315

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Description.	Used on.	Price. Each.	Part Number
SADDLE GROUP.			
£ s. d.			
Saddle, with springs (V)	... All but Comp.	1 0 10	35-G3-F60
Saddle, with springs (V)	... Comp.	1 7 6	38-G3-F60
Rexine cover, or top, only	... All but Comp.	8 6	38-G3-F60-T
Rear spring, for saddle (2 off)	... All but Comp.	1 6	D5P 560-B
Rear spring, for saddle (2 off)	... Comp.	2 0	38-G3-F60S
Hinge bolt, for front of saddle	... All	5	STD 410
Washer, for hinge bolt	... All	1	STD 10
Nut, for hinge bolt	... All	2	STD 3
Eye bolt, adjusting, for springs (2 off)	... Comp.	9	DE 70
Washer, for eye bolt (4 off)	... Comp.	1	STD 174
Nut, for eye bolt (4 off)	... Comp.	2	STD 4
(V) Saddles are not sold without the two rear springs.			
THE FOLLOWING BOLTS, AND PARTS, ARE USED TO FIX THE SADDLE SPRINGS TO THE FRAME WHEN LOW EXHAUST PIPES ARE FITTED TO MODELS C2, C2M, C3, C4, C80 AND C90.			
Bolt, for left saddle spring	... All but Comp.	3	STD 368
Bolt, for right saddle spring	... All but Comp.	3	STD 368
Washer, for saddle spring bolt (2 off)	... All but Comp.	1	STD 11
Nut, for saddle spring bolt (2 off)	... All but Comp.	2	STD 4
THE FOLLOWING BOLTS, AND PARTS, ARE USED TO FIX THE SADDLE SPRINGS TO THE FRAME WHEN HIGH EXHAUST PIPES ARE FITTED TO MODELS C2, C2M, C3, C4, C80 AND C90.			
Bolt, for left saddle spring	... G2, G2M, G3, G4	3	STD 368
Bolt, for right saddle spring	... G80 and G90	3	STD 370
Washer, for left saddle spring bolt	... All but Comp.	3	STD 370
Washer, for left saddle spring bolt (2 off)	... G2, G2M, G3, G4	1	STD 11
Washer, for right saddle spring bolt (2 off)	... G80 and G90	1	STD 174
Washer, for right saddle spring bolt (2 off)	... All but Comp.	1	STD 174
Nut, for saddle spring bolt (2 off)	... All but Comp.	2	STD 4
THE FOLLOWING BOLTS, AND PARTS, ARE USED TO FIX THE SADDLE SPRING EYE BOLTS TO THE FRAME ON ALL "CLUBMAN SPECIAL" (COMPETITION) MODELS C2MC, C3C AND C80C.			
Bolt, for left eye bolt	... Comp.	3	STD 370
Bolt, for right eye bolt	... Comp.	4	STD 371
Washer, for left bolt	... Comp.	1	STD 11
Washer, for right bolt (2 off)	... Comp.	1	STD 174
Nut, for eye bolt fixing bolt (2 off)	... Comp.	2	STD 4
TOOL BOX GROUP.			
Tool box, bare	... All but Comp.	12 6	35-G3-F45
Tool box, bare	... Comp.	12 6	37-8-F45
Knurled screw, for tool box lid	... All	1 0	37-8-F53
Plain washer, for knurled screw	... All	1	STD 12
Spring washer, for knurled screw	... All	1	STD 189
Split pin, for knurled screw	... All	1	STD 14
Bolt, fixing box to frame (4 off)	... Comp.	2	STD 70
Bolt, fixing box to frame, top front	... All but Comp.	2	STD 342
Bolt, fixing box to frame, top rear	... All but Comp.	2	STD 70
Bolt, fixing box to frame, bottom	... All but Comp.	2	STD 70
Washer, for fixing bolt (4 off)	... Comp.	2	STD 12
Washer, for fixing bolt (3 off)	... All but Comp.	1	STD 12
Nut, for fixing bolt (4 off)	... Comp.	2	STD 5
Nut, for fixing bolt (3 off)	... All but Comp.	2	STD 5
BATTERY CARRIER GROUP.			
Battery carrier, complete	... 250	8 6	36-G2-E185
Battery carrier, complete	... 350 and 500	8 6	38-G3-E185
Back portion of carrier, bare	... 250	4 0	36-G2-E185P
Back portion of carrier, bare	... 350 and 500	4 0	38-G3-E185P
Front portion of carrier, bare	... 250	4 4	36-G2-E185P
Front portion of carrier, bare	... 350 and 500	4 4	38-G3-E185P
Hinge pin, for battery carrier front	... All	2	XE 184
Battery clamping bolt	... All	4	AE 180
Seat, for battery clamping bolt	... All	3	AE 178
Nut, for battery clamping bolt	... All	5	AE 177
Nut, fixing carrier to frame (W)	... All	2	STD 4
Washer, for carrier fixing nut (W)	... All	1	STD 174
Stay, from carrier to chain guard (X)	... All	6	DE 181-R
Screw, fixing stay to carrier (Z)	... All	1	STD 40

(W) These nuts and washers also secure the oil tank to the main frame.

(X) For the bolt securing the stay to the chainguard, see the Chainguard Group in this Section.

(Z) The nut for this screw is welded to the stay (DE181-B).

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TANK AND PIPE SECTION.

Description.	Used on.	Price. Each.	Part Number
PETROL TANK GROUP.			
		£ s. d.	
Tank, bare (enamelled black) .....	... G2	... 4 10 0	38-G3-T105EB
Tank, bare (plated with black panels) .....	... G2M, G2MC, G3	... 4 17 6	38-G3-T105PB
Tank, bare (plated with black panels) .....	... G3C, G8C, G80C	... 4 17 6	38-G3-T105PB
Tank, bare (plated with red panels) .....	... G4 and G90	... 5 2 6	38-G3-T105PE
Bolt, fixing tank to frame .....	... All	... 6 0 0	38-G3-T14A
Rubber pad, thick, for tank bolt	(4 off) ... All	... 2 ...	16413
Rubber pad, thin, for tank bolt	(4 off) ... All	... 2 ...	16414
Metal washer, for tank bolt	(4 off) ... All	... 2 ...	STD 173
Water deflector, for tank .....	... All	... 2 6	38-G3-T113
Screw, fixing water deflector	(3 off) ... All	... 2 ...	STD 149
Rubber washer, for deflector screw	(3 off) ... All	... 1 ...	35-G3-T115
Filler cap, for tank .....	... All	... 3 0 0	AT 30
Washer, only, for filler cap .....	... All	... 3 0 0	AT 30-C
Tap, for petrol supply .....	... All	... 3 0 0	17907
Banjo pin, for tank connection pipe .....	... All	... 1 9 0	17908
Fibre washer, small, for tap and pin (2 off) .....	... All	... 2 ...	STD 200
Fibre washer, large, for tap and pin (2 off) .....	... All	... 2 ...	STD 201
Rubber knee pad, left .....	... All	... 2 6 0	38-G3-T4-L
Rubber knee pad, right .....	... All	... 2 6 0	38-G3-T4-R
Metal plate, for left knee pad .....	... All	... 6 0 0	38-G3-T34-L
Metal plate, for right knee pad .....	... All	... 6 0 0	38-G3-T34-R
Bolt, fixing pad plate to tank	(4 off) ... All	... 2 ...	STD 70
Washer, for pad plate bolt	(4 off) ... All	... 1 ...	STD 12
Spacer, for pad plate bolt	(4 off) ... All	... 2 ...	STD 639
Wing emblem, for tank, left side .....	... All	... 1 6 0	38-G3-T57-L
Wing emblem, for tank, right side .....	... All	... 1 6 0	38-G3-T57-R
Embossed letter M, for tank, left side .....	... All	... 1 6 0	D5T 500-L
Embossed letter M, for tank, right side .....	... All	... 1 6 0	D5T 500-R
Screw, fixing letter M and wing	(4 off) ... All	... 2 ...	STD 150
OIL TANK GROUP.			
Tank, bare (enamelled black) .....	... All	... 1 2 6	38-G3-T45
Filler cap, for oil tank .....	... All	... 3 0 0	35-G3-T130
Washer, only, for filler cap .....	... All	... 3 0 0	AT 30-C
Drain plug, for tank .....	... All	... 3 0 0	STD 599
Felt filter, or cartridge .....	... All	... 2 6 0	STD 796
Spring, for filter .....	... All	... 4 ...	STD 704
Dished washer, for filter spring .....	... All	... 3 ...	STD 797
Screwed cap, for filter compartment .....	... All	... 1 6 0	STD 795
Cork washer, for compartment cap .....	... All	... 2 ...	STD 583
Union, for feed pipe (screws into tank) .....	... All	... 4 ...	LF 287
Nut, fixing tank to frame	(A) ... All	... 1 ...	STD 174
Washer, for tank fixing nut	(A) ... All	... 2 ...	STD 4
Bolt, fixing oil tank stay to mudguard .....	... All	... 2 ...	STD 361
Spring washer, for stay fixing bolt .....	... All	... 1 ...	STD 192
Plain washer, for stay fixing bolt .....	... All	... 1 ...	STD 174
Nut, for stay fixing bolt .....	... All	... 2 ...	STD 4
(A) These nuts and washers also secure the battery carrier to the main frame.			
PETROL PIPE GROUP.			
Pipe, complete, with nipples and nuts .....	... G2	... 3 0 0	38-G2-T54
Pipe, complete, with nipples and nuts .....	... G2M	... 3 0 0	38-G2M-T54
Pipe, complete, with nipples and nuts .....	... G3	... 3 0 0	38-G3-T54
Pipe, complete, with nipples and nuts .....	... G80	... 3 0 0	38-G8-T54
Pipe, complete, with nipples and nuts (B) .....	... G4 and G90	... 5 3 0	38-G9-T54
Pipe, complete, with nipples and nuts (B) .....	... Comp.	... 5 3 0	38-G9-T54
Nipple, for pipe (tank end) .....	... G2 and G2M	... 3 ...	STD 504
Nipple, for pipe (tank end) .....	... G3 and G80	... 3 ...	STD 504
Nipple, for pipe (carburettor end) .....	... G2 and G2M	... 3 ...	14-026
Nipple, for pipe (carburettor end) .....	... G3 and G80	... 3 ...	14-026
Union nut, for pipe (tank end) .....	... G2 and G2M	... 4 ...	STD 504-N
Union nut, for pipe (tank end) .....	... G3 and G80	... 4 ...	STD 504-N
Union nut, for pipe (carburettor end) .....	... G2 and G2M	... 6 ...	14-025
Union nut, for pipe (carburettor end) .....	... G3 and G80	... 6 ...	14-025
Tank connection pipe with unions .....	... All	... 4 0 0	38-G3-T23-A
Banjo union, for connection pipe	(2 off) ... All	... 8 ...	STD 500

(B) This is a flexible pipe (parts of it are not sold separately).

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Description.	Used on.	Price. Each.	Part Number
OIL PIPE GROUP.			
		£ s. d.	
Feed pipe, main, tank to engine	(D) ... All	... 3 6 0	38-G3-E140
Feed pipe, pump to rocker box	(E) ... 250	... 2 6 0	37-G2-E380
Feed pipe, pump to rocker box	(E) ... G3 and G3C	... 2 6 0	37-G3-E380
Feed pipe, pump to rocker box	(E) ... G80 and G80C	... 2 6 0	37-G8-E380
Feed pipe, pump to rockers	(E) ... G4	... 2 6 0	38-G4-E380
Feed pipe, pump to rockers	(E) ... G90	... 2 6 0	38-G9-E380
Feed pipe, rocker box to inlet valve .....	... 250	... 1 6 0	37-12-E285
Feed pipe, rocker box to inlet valve .....	... G3 and G3C	... 1 6 0	37-16-E285
Feed pipe, rocker box to inlet valve .....	... G80 and G80C	... 1 6 0	37-8-E285
Return pipe, engine to tank	(G) ... All	... 3 6 0	38-G3-E142
Oil discharge pipe, for release valve	(H) ... All	... 1 0 0	D3E 848-A
Rubber connection, for rocker pipe .....	... All	... 3 ...	36-G8-E384
Nipple, for rocker pipe, top end .....	... All	... 3 ...	STD 504
Nipple, for rocker pipe, bottom end	(2 off) ... All	... 3 ...	STD 509
Nipple, for oil discharge pipe .....	... All but G4, G90	... 4 ...	STD 578
Union nut, for rocker pipe, top end .....	... All	... 3 ...	STD 505
Union nut, for rocker pipe, bottom end (F) .....	... All	... 1 0 0	STD 504-N
Union nut, for inlet valve pipe	(2 off) ... All but G4, G90	... 3 ...	STD 502-N
Union nut, for oil discharge pipe .....	... All	... 4 ...	STD 504-N

(D) This is the lower of the two large pipes between the oil tank and the engine pump. This pipe is complete with sleeve gland nuts.

(E) This pipe is in two separate pieces and the price does not include the two union nuts and the rubber connection piece. The nipples are fitted to the pipe and the price includes these.

(F) This is a long, thin nut.

(G) This pipe is the upper of the two large pipes between the oil tank and the engine pump. This pipe is complete with sleeve gland nuts.

(H) This pipe is fixed to the crankcase release valve body.

WHEEL AND BRAKE SECTION.

FRONT WHEEL GROUP.			
Wheel, with all fittings	(A) ... G2 and G2M	... 2 14 6	38-G2-H45-A
Wheel, with all fittings	(A) ... G2MC	... 4 15 0	38-G2MC-H45-A
Wheel, with all fittings	(A) ... G3 and G80	... 4 18 0	38-H45-A
Wheel, with all fittings	(A) ... G3C and G80C	... 4 18 0	38-18T-H45-A
Wheel, with all fittings	(A) ... G4 and G90	... 4 19 0	38-G4-H45-A
Wheel, less all fittings	(B) ... G2 and G2M	... 2 3 0	38-G2-H45
Wheel, less all fittings	(B) ... G2MC	... 2 8 0	38-G2MC-H45
Wheel, less all fittings	(B) ... G3 and G80	... 2 10 6	38-H45
Wheel, less all fittings	(B) ... G3C and G80C	... 2 11 6	38-G4-H45
Wheel, less all fittings	(B) ... G4 and G90	... 2 10 6	38-18T-H45
Rim, 19"x21", chrome and black .....	... G2 and G2M	... 16 6	38-F-H20
Rim, 19"x21", chrome and black .....	... G3 and G80	... 16 6	35-B-H21
Rim, 20"x21", chrome and black .....	... G2MC	... 16 6	37-22T-H20
Rim, 21"x21", chrome and black .....	... G4 and G90	... 17 6	37-22T-H20-B
Spoke, left, 8 7/16"x8g.x10g	(20 off) ... G3C and G80C	... 16 6	37-18T-H20
Spoke, left, 6 3/8"x9g.x11g	(20 off) ... G2 and G2M	... 2 ...	37-G2-H51
Spoke, left, 5 1/2"x9g.x11g	(20 off) ... G2MC	... 2 ...	38-26T-H51
Spoke, left, 5 1/2"x9g.x11g	(20 off) ... G3 and G80	... 2 ...	37-X-H51
Spoke, left, 5 1/2"x9g.x11g	(20 off) ... G3C and G80C	... 2 ...	38-22T-H51
Spoke, right, 8 3/8"x8g.x10g	(20 off) ... G4 and G90	... 2 ...	38-G4-H51
Spoke, right, 8 1/2"x9g.x11g	(20 off) ... G2 and G2M	... 2 ...	37-G2-H52
Spoke, right, 8 1/2"x9g.x11g	(20 off) ... G2MC, G4, G90	... 2 ...	38-22T-H52
Spoke, right, 9 1/2"x9g.x11g	(20 off) ... G3 and G80	... 2 ...	12596
Spoke, right, 9 1/2"x9g.x11g	(20 off) ... G3C and G80C	... 2 ...	38-18T-H51
Nipple, for spoke, right	(20 off) ... G2, G2M, G3, G80	... 1 ...	20680
Nipple, for spoke, right	(20 off) ... G2MC, G3C, G4	... 1 ...	20678
Nipple, for spoke, left	(20 off) ... G80C and G90	... 1 ...	20678
Nipple, for spoke, left	(20 off) ... All but G2, G2M	... 1 ...	20680
Hub shell, with brake drum, bare	(20 off) ... G2 and G2M	... 12 1 0	20678
Hub shell, with brake drum, bare .....	... G2MC	... 1 10 0	37-G2-H19
Hub shell, with brake drum, bare .....	... 350 and 500	... 1 12 6	38-B-H19
Grease nipple, for hub shell (angular) .....	... G2 and G2M	... 3 ...	38-FRH-10-A
Grease nipple, for hub shell (angular) .....	... All but G2, G2M	... 6 ...	STD 54

(A) Includes all brake parts and bearings, assembled, but does not include: tyre, centre solid spindle, speedometer driving pinion, speedometer gearbox and speedometer small pinion.

(B) Includes: Rim, hub shell and brake drum, assembled. For speedometer driving parts, see Speedometer Group in the Accessory Section.

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

Description.	Used on.	Price. Each.	Part Number.
REAR BRAKE AND SPROCKET GROUP.			
		£ s. d.	
Rear wheel chain sprocket (H)	... G2 and G2M	7 6	38-RBH-46
Brake drum and sprocket (J)	... All but G2, G2M	1 16 9	37-8-B15-A
Centre, only, for brake drum	... All but G2, G2M	1 9	36-8-B16
Rivet, for drum centre (5 off)	... All but G2, G2M	1	STD 45
Driving stud, threaded (5 off)	... All but G2, G2M	4	10085
Driving stud, plain (3 off)	... All but G2, G2M	2	10082
Bolt, fixing wheel to drum (3 off)	... All but G2, G2M	2 3	11916-1
Bolt, fixing sprocket to hub shell (6 off)	... G2 and G2M	2	38-RBH-47-A
Nut, for sprocket fixing bolt (6 off)	... G2 and G2M	1	38-RBH-47-B
Dummy spindle, for brake drum	... All but G2, G2M	1 9	37-8-H104
Washer, for dummy spindle	... All but G2, G2M	2	STD 176
Nut, for dummy spindle	... All but G2, G2M	5	STD 229
Brake cover plate, bare	... G2 and G2M	5 3	38-RBH-24-A
Brake cover plate, bare	... All but G2, G2M	15 0	37-8-B20
Distance piece, for cover plate	... G2 and G2M	5	38-RBH-42
Distance piece, for cover plate	... All but G2, G2M	3	37-8-B54
Lock nut, for cover plate	... All but G2, G2M	2	STD 224
Anchor bolt, for cover plate	... G2 and G2M	5	36-12-B7
Washer, for anchor bolt	... All but G2, G2M	5	37-8-B7
Nut, for cover plate anchor bolt	... G2 and G2M	1	STD 11
Nut, for cover plate anchor bolt	... All but G2, G2M	2	STD 3
Lock nut, for cover plate anchor bolt	... All but G2, G2M	2	STD 73
Split pin, for anchor bolt	... All	3	STD 14
Brake shoes, with linings ... per pair	... G2 and G2M	7 4	38-RBH-50
Brake shoes, with linings ... per pair	... All but G2, G2M	9 0	16297-1
Top brake shoe, only, with lining	... All but G2, G2M	4	16297-1-A
Bottom brake shoe, only, with lining	... All but G2, G2M	4 6	16297-1-B
Brake linings, with rivets ... per pair	... G2 and G2M	3 11	38-RBH-51
Brake linings, with rivets ... per pair	... All but G2, G2M	3 0	3865-2
Rivets, only, for linings, per set (16 off)	... All but G2, G2M	3	SPD 106
Spring, for brake shoes (2 off)	... G2 and G2M	3	38-RBH-52
Spring, for brake shoes (2 off)	... All but G2, G2M	2	16485
Expander, or cam, for brake shoes ... (K)	... G2 and G2M	2 2	38-RBH-28
Expander, or cam, for brake shoes	... All but G2, G2M	3 5	36-8-B51
Lever, for brake expander	... G2 and G2M	2 4	38-RBH-27
Lever, for brake expander	... All but G2, G2M	2 9	38-G3-B30
Grease nipple, for brake expander	... G2 and G2M	2	38-PBH-3-A
Grease nipple, for brake expander	... All but G2, G2M	2	STD 51
Washer, for brake expander	... G2 and G2M	1	38-RBH-28-A
Washer, for brake expander	... All but G2, G2M	1	STD 174
Nut, for brake expander	... G2 and G2M	2	38-RBH-28-B
Nut, for brake expander	... All but G2, G2M	2	STD 4

(H) This sprocket has 52 teeth, $\frac{1}{2}$ in. by .305 in.

(J) This sprocket has 42 teeth, $\frac{1}{2}$ in. by .380 in., and is supplied with threaded and plain driving studs and brake drum centre, assembled.

(K) Price includes nut and washer.

REAR BRAKE OPERATING GROUP.

Brake foot pedal (L)	... All	7 6	37-G3-B1
Brake foot pedal (M)	... G80 and G90	7 6	37-G8-B1
Bush, for foot pedal	... All	6	37-G3-B3
Spindle, for foot pedal	... All	6	STD 54
Plain washer, for pedal spindle	... All	9	37-G3-B2
Spring washer, for pedal spindle	... All	1	STD 194
Nut, for pedal spindle	... All	3	STD 2
Return spring, for foot pedal	... All	6	37-G3-B8
Adjusting bolt, for foot pedal	... All	4	STD 365
Lock nut, for pedal adjusting bolt	... All	2	STD 4
Brake rod, bare	... G3 and G4	3 0	37-G3-B5
Brake rod, bare	... G80 and G90	3 0	37-G3-B5
Brake rod, bare	... Comp.	1 6	38-X-B5
Brake rod, with front end yoke (N)	... G2 and G2M	2 6	37-G7-B5-A
Yoke end, for front end of rod	... All but G2, G2M	10	STD 755
Pin, for yoke end	... All	3	STD 736
Split pin, for yoke end pin	... All	3	STD 14
Spring, for brake rod	... G3 and G4	3	36-G3-B18
Spring, for brake rod	... G80 and G90	3	36-G3-B18
Spring, for brake rod	... Comp.	3	20791
Washer, for brake rod spring	... All but G2, G2M	2	STD 178
Adjusting clip, for rear end of rod	... All but G2, G2M	1 6	11772
Pin, for adjusting clip	... All but G2, G2M	3	STD 736
Split pin, for adjusting clip pin	... All but G2, G2M	3	STD 14
Crosshead, for expander lever	... G2 and G2M	3	38-RBH-44
Knurled adjusting nut, for brake rod	... G2 and G2M	7	38-RBH-45
Knurled adjusting nut, for brake rod	... All but G2, G2M	1 9	STD 615

(L) Used on all models except Models G80 and G90 when fitted with LOW exhaust pipes.

(M) Only used on Models G80 and G90 when LOW exhaust pipes are fitted.

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

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ELECTRICAL SECTION.

Description.	Used on.	Price. Each.	Part Number
COIL IGNITION GROUP.			
		£ s. d.	
Coil, only	... G2	15 0	221-M
Band clip, for coil	... G2	1 5	37-12-E507
Screw, for band clip	... G2	1	STD 40
Nut, for band clip screw	... G2	2	STD 24
Clamping stud, for distributor unit	... G2	2	STD 250
Washer, for distributor clamping stud	... G2	1	STD 190
Nut, for distributor clamping stud	... G2	1	STD 80
Distributor cover, with condenser	... G2	5 0	9-M
Post and blade, for distributor cover	... G2	1 0	5-M
Cam, for contact breaker	... G2	2 6	11-M
Screw, fixing contact breaker cam	... G2	3	12-M
Washer, for contact breaker cam screw	... G2	1	12-A-M
Contact breaker base, with points	... G2	7 6	10-M
Screw, fixing contact breaker base ... (A)	... G2	3 6	19-M
Rocker arm, with contact point	... G2	3 6	13-M
Screwed contact point with lock nut	... G2	2 0	14-M

(A) Price includes washer.

For control cable and parts, see Control Cable Group in the Frame Section.

MAGNETO GROUP.

Magneto, complete (Lucas, Type N-1)	... All but G2	3 15 0	35-22-E77
High tension pick-up, with brush and spring	... All but G2	2 0	354-205
High tension carbon brush and spring	... All but G2	6	451-260
Cover, for contact breaker	... All but G2	1 0	M-2648-1
Contact breaker, complete	... All but G2	9 6	MLCB-1
Contact breaker point set	... (B)	2 6	484-028
Platform, for magneto	... All but G2	4 6	37-G3-E76
Bolt, fixing magneto, right (long) (2 off)	... All but G2	3	STD 341
Bolt, fixing magneto, left (short) (2 off)	... All but G2	3	STD 540
Washer, for magneto fixing bolt (4 off)	... All but G2	1	STD 12
Nut, left, for front platform bolt ... (D)	... All but G2	2	STD 4
Nut, right, for front platform bolt ... (E)	... All but G2	9	35-G3-E56

(B) Consists of one complete set of contact breaker points with spring blade.

(C) The platform is mounted above the rear engine plate, the rear end is secured by the bolt on the seat tube bottom lug (see Main Frame Group), the forward end is secured by the dynamo strap square crossbar, which is threaded each end. On the left side, Nut STD 4 is screwed while, on the right side, is an extended nut, 35-G3-E56.

(D) This is the STD 4 nut mentioned under reference C.

(E) This is the extended nut mentioned under reference C.

DYNAMO GROUP.

Dynamo, complete (Miller, Type D.V.E.)	... G2	2 12 6	20865
Dynamo, complete (Lucas, Type E3.A.R.)	... All but G2	2 10 0	35-G3-E274
Locating plate, for dynamo	... All	9	35-G3-E275
Screw, fixing locating plate	... All	2	STD 44
Washer, for locating plate screw	... All	1	STD 178
Strap, clamping dynamo	... G2	1 6	STD 790
Strap, clamping dynamo	... All but G2	1 6	PF 75
Hinge pin, for clamping strap	... All	4	STD 791
Threaded collar, for strap eye	... All	5	35-G3-E277
Bolt, tightening, for clamping strap	... All	8	35-G3-E280
Square crosshead, for clamping strap bolt	... G2	9	35-G2A-E279
Square crosshead, for clamping strap bolt	... All but G2	9	35-G3-E279

VOLTAGE CONTROL UNIT GROUP.

Voltage control unit, complete, Miller	... G2	17 6	C.V-1
Voltage control unit, complete, Lucas	... All but G2	1 0	390-409
Bracket, for control unit	... G2	1 6	36-12-T60-A
Bracket, for control unit	... All	1 6	37-G3-T60-A
Bolt, fixing unit to bracket (2 off)	... All but G2	1 6	STD 450
Bolt, fixing unit to bracket (2 off)	... G2	1	STD 70
Washer, for unit fixing bolt (2 off)	... All but G2	2	STD 190
Washer, for unit fixing bolt (2 off)	... G2	1	STD 12
Nut, for unit fixing bolt (2 off)	... All but G2	1	STD 80
Nut, for unit fixing bolt (2 off)	... G2	2	STD 5
Bolt, fixing bracket to oil tank (2 off)	... All but G2	2	STD 70
Washer, for bracket fixing bolt (2 off)	... All	1	STD 12

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Description.	Used on.	Price. Each.	Part Number
BATTERY GROUP.			
Battery, complete with lid (Exide) G2	19 3*	B-612
Battery, complete with lid (Lucas) ...	... All but G2	17 6*	PW-7E
Lid, only, for Exide battery	... G2	2 0*	188
Lid, only, for Lucas Battery	... All but G2	1 2	S-2171-1-B

Description.	Used on.	Price. Each.	Part Number
HORN GROUP.			
Support bracket, for horn	(F) ... All	1 0	35-G3-EQ3
Electric horn (Clearhooter)	... 250	15 6*	AF-250-A
Electric horn (Lucas)	... 350 and 500	1 5 0*	700-378
Bolt, fixing horn to support bracket	... All	4	STD 413
Washer, for horn fixing bolt	... All	1	STD 193
Nut, for horn fixing bolt	... All	2	STD 3
Bracket, for Lucas horn	(G) ... 350 and 500	2 0	700-332

(F) This bracket is secured to the engine crankcase by the front, centre, crankcase bolt.

(G) This is a semi-circular, L shaped bracket.

Description.	Used on.	Price. Each.	Part Number
HEAD LAMP GROUP.			
Complete lamp, black (Miller 80E) ...	... G2	2 0	0*... 80E
Complete lamp, black (Lucas D142-F)	... All but G2	2 5	6*... 515-635
Outer shell, bare, black	... G2	8	6*... 109
Outer shell, bare, black	... All but G2	16	6*... 515-517
Front rim, bare, plated	(H) ... G2	7 0*	80-E-101
Front rim, bare, plated	(H) ... All but G2	6 6*	515-172
Glass, only	... G2	1 9*	80-E-102
Main bulb, 6 volt, 24x24 watts	... All but G2	2 6*	NC-505-37
Pilot bulb, 6 volt, 3 watts	... All	3 0*	70
Lamp stay, or bracket, top	(2 off) ... G2 and G2M	1 3*	200
Lamp stay, or bracket, bottom	(2 off) ... All but G2, G2M	6	6*... DFF 74
Lamp stay, or bracket, bottom	(2 off) ... G2 and G2M	6	6*... DFF 73
Bolt, fixing stay to fork	(4 off) ... All but G2, G2M	6	6*... FFF 75
Bolt, fixing stay to fork	(4 off) ... G2 and G2M	3	STD 70
Washer, for stay fixing bolt	(4 off) ... All but G2, G2M	1	STD 360
			STD 192

(H) Price does not include glass.

Description.	Used on.	Price. Each.	Part Number
REAR LAMP GROUP.			
Lamp, complete (Miller)	... G2	4 6*	35E
Lamp, complete (Lucas)	... All but G2	8 6*	526-082
Portion of lamp with glass	... G2	1 9*	121
Portion of lamp with glass	... All but G2	3 0*	526-113
Portion of lamp with bulb holder	(J) ... G2	2 0*	122
Portion of lamp with bulb holder	(J) ... All but G2	4 6*	526-111
Bulb, 6 volts, 3 watts	... All	1 3*	200
Screw, fixing lamp to number plate	(K) ... G2	2	3*... 121-A
Screw, fixing lamp to number plate	(L) ... All but G2	1	1*... LL-47
Nut, for lamp fixing screw	(L) ... All but G2	1	1*... LL-54

(J) Price does not include bulb.

(K) Price includes washer and nut. Three screws, washers and nuts are used.

(L) Three are used.

Description.	Used on.	Price. Each.	Part Number
SUNDRIES GROUP.			
Lighting switch, complete (in panel)	... G2	7 6*	125
Lighting switch, complete (in panel)	... All but G2	7 6	RS-39-L1
Handle, only, for switch	(M) ... G2	1 0*	128-128-A
Handle, only, for switch	(M) ... All but G2	9	351-567
Ignition key, only	... G2	3	126
Dipping switch, complete, for handlebar	... All	3 6	LES-6
Inspection lamp, complete	(N) ... All but G2	6 6*	545-035
Bulb, 6 volts, 3 watts, for inspection lamp	... All but G2	1 3*	200
Bulb, for ignition warning light	(P) ... G2	7 0*	132
Ammeter, complete (in panel)	... All but G2	7 6	BM4-L-15
Ammeter, complete (in panel)	... All	6 0*	H-14
Spark plug (Lodge, Type H 14)	... All	6	58-G3-E531
High tension cable	... All	2	STD 541
Terminal, for high tension cable	... All	1	FT-C
Electric light cable, single ... per foot	... All	4	FT-C-3
Electric light cable, triple, per foot	... All	1	M-58
Plug connector, for rear lamp cable	... G2	1 0*	SW-2203-A
Screwed connector, for rear lamp cable	... All but G2	1 0*	SW-2203-A

(M) Price includes fixing screw.

(P) 8 Volts, .1 Amp.

(N) Price includes extension cable and bulb.

(R) Order two feet for one machine.

NOTE.—THE PRICES OF ALL COMPLETE HEAD AND TAIL LAMPS INCLUDE ALL BULBS.

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ACCESSORY SECTION.

Description.	Used on.	Price. Each.	Part Number
INSTRUMENT PANEL GROUP.			
Panel, bare	... G2	6 0	20864
Panel, bare	... G2M, G2MC, G3	6 0	17372
Panel, bare	... G3C, G80, G80C	6 0	17372
Screw, securing panel to tank	(3 off) ... All and G90	7 0	17372-R
Rubber fillet, for panel	... All	3	STD 481
Cap, covering clock aperture	... All	9	4286
		1 0	20869-A

SPEEDOMETER GROUP.

Description.	Used on.	Price. Each.	Part Number
Complete speedometer, non-trip, miles (A)	... All	2 5	0*... SCNT-1
Complete speedometer, non-trip, kilos (A)	... All	2 5	0*... SCNT-2
Complete speedometer, trip, miles (A)	... All	2 10	0*... SCT-1
Complete speedometer, trip, kilos (A)	... All	2 10	0*... SCT-2
Head, only, non-trip, 80 miles	... All	1 5	0*... S-114-L
Head, only, non-trip, 140 kilos	... All	1 5	0*... S-112-L
Head, only, trip, 80 miles	... All	1 10	0*... S-115-L
Head, only, trip, 140 kilos	... All	1 10	0*... S-113-L
Driving cable complete, 26"	... 250 and G3	12 0*	27040-26
Driving cable complete, 28"	... G4, G80, G90	12 0*	27040-26
Inner cable, only, 26"	... G3C and G80C	12 0*	27040-28
Inner cable, only, 26"	... 250 and G3	6 0*	27059-26
Inner cable, only, 28"	... G4, G80, G90	6 0*	27059-26
Outer cable, only, 26"	... G3C and G80C	6 0*	27059-28
Outer cable, only, 26"	... 250 and G3	6 0*	27060-26
Outer cable, only, 28"	... G4, G80, G90	6 0*	27060-26
Bracket, for speedometer head	... G3C and G80C	6 0*	27060-28
Bolt, fixing bracket to forks	(2 off) ... All	1 6*	25512
Washer, for bracket fixing bolt	(2 off) ... All	3	STD 562
Gear Box, complete (less pinion)	(B) ... G2M3, G3, G4	12 6*	34159-1
Gear Box, complete (less pinion)	(B) ... G80, G80C, G90	12 6*	34159-1
Gear Box, complete (less pinion)	(B) ... G50	12 6*	34159-1
Lock nut, for gear box	(B) ... G2 and G2M	12 6*	25384
Pinion, on gear box, 14 teeth	... All	8	25200
Pinion, on hub, 43 teeth	... All but G2, G2M	5 6*	50216
Pinion, on hub, 43 teeth	... G2 and G2M	7 6*	50215
Spring ring, locating hub pinion	... All but G2, G2M	7 6*	35497
Electric bulb, for head	(C) ... All	2	38-12-EQ64
		1 3*	J-3159-2

(A) These speedometers drive from the front wheel (internal drive). They have internally illuminated heads and are graduated to 80 miles per hour, or to 140 kilometres per hour. A "Complete speedometer" includes: head with electric bulb, bracket for head, fixing bolts and washers for head bracket, driving cable, complete speedometer gear box with small pinion and lock nut, and driving pinion for hub with locating ring (no ring on G2 and G2M). When ordering, please state the model of the machine.

(B) Note the price does not include the 14 tooth driven pinion. This is 3s. 6d. extra.

(C) This bulb is 6 Volts, 1.8 Watts, and has a miniature BAYONET cap.

COMPONENTS OF PILLION FOOT RESTS.

Description.	Used on.	Price. Each.	Part Number
Plate, only, left	... All	10	38-12-FR12
Plate, only, right	... All	10	35-12-FR12
Spindle, for footrest	(2 off) ... All	9	35-X4-FR19
Nut, for footrest spindle	(2 off) ... All	3	STD 1
Rubber pad, for footrest spindle	(2 off) ... All	1 6	16315
Bolt, for top clip	(2 off) ... All	6	HF 10
Washer, for top clip bolt	(2 off) ... All	4	STD 366
Nut, for top clip bolt	(2 off) ... All	1	STD 191
Bottom clip, for plate	(2 off) ... All	2	STD 4
Bolt, for bottom clip	(2 off) ... All	3	STD 368
Washer, for bottom clip bolt	(2 off) ... All	1	STD 191
Nut, for bottom clip bolt	(2 off) ... All	1	STD 4

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Description.	Used on.	Price. Each.	Part Number
TOOL GROUP.			
		£ s. d.	
Tool bag All	2 6	17520
Screwdriver .....	... All	9	LTK 13
Pliers .....	... All	1 6	LTK 15
Gudgeon pin circlip pliers .....	... All	1 0	11024
Grease gun .....	... All	4 0	LTK 20
Tyre lever .....	... All	3	LTK 14
Tyre inflater .....	... All	5 9	38-G3-EQ22
Spanner, for adjusting tappets .....	... All	9	CFK 9
Spanner, double end, 5/8" x 375" .....	... All	10	3263
Spanner, double end, 1 1/8" x 3/8" .....	... All	1 3	3262
Spanner, double end, 1 1/8" x 1/2" .....	... All	1 6	3261
Spanner, triple end, .80"x1.011"x1.200" .....	... All	1 0	RTK 3
Box spanner, for sparking plug .....	... All	1 0	17634
Spanner, for dynamo chain adjustment .....	... All	6	RTK 1
Spanner, for hub lock nut .....	... All but G2, G2M	1 9	11717
Spanner, for hub cones .....	... G2 and G2M	1 6	LTK 1
Spanner, single end, 1.390" .....	... All	1 3	RTK 4
Adjustable wrench .....	... 350 and 500	4 0	LTK 12
Box spanner, .92" hex. ....	... G2MC	1 6	HTK 19
Box spanner, .92" hex. ....	... 350 and 500	1 6	HTK 19
Box spanner, for rocker axle nuts .....	... G4 and G90	1 0	38-G4-TK14
Spanner, for wheel sleeve nuts .....	... G2MC	1 9	3266
Spanner, for wheel sleeve nuts .....	... 350 and 500	1 9	3266
Spanner, for contact points .....	... G2	6	35-12-TK-1
Spanner, for contact points .....	... All but G2	8	LTK 5
Valve spring compressor bar .....	... G4 and G90	1 3	38-G4-TK6
Screw, for valve spring compressor bar (2 off) .....	... G4 and G90	4	38-G4-TK7
Oil gun, for control cables	(D) ... All	5 9*	R-G-9
Chain rivet extractor	(D) ... All	5 6*	L-C 25
Valve grinding tommy	(D) ... All but G4, G90	6	3282
Valve grinding tool	(D) ... G4, G90	3 6*	38-G4-TK9-A
Valve spring compressor	(D) ... All but G4, G90	6 6	TTK 8

(D) These are not included in the standard tool kit issued with each new machine.

Tyres are not listed but can be supplied at the prices current on date of delivery.

WE GIVE BELOW PARTICULARS OF THE OPTIONAL EQUIPMENT THAT CAN BE SUPPLIED ON A NEW MATCHLESS MOTOR CYCLE.

OPTIONAL EQUIPMENT.	(E).			
Eight-day clock (Smith's)	(F) ... All but comp.	1 10	0*	24142
Stop light (Lucas)	(G) ... All	15	0*	ST 20
Pillion seat (Peridax)	(H) ... All	12	6*	38-G3-EQ241
Pillion foot rests, complete, per pair .....	... All	7	6	38-G3-EQ242

(E) This equipment is not standard on Matchless Motor Cycles, but is supplied as optional "extras."

(F) Provision is made to accommodate this clock in the instrument panels fitted to the tops of the tanks.

(G) This displaces the normal electric rear lamp.

(H) This is a mudguard fitting seat.

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