



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-G3-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	2	37-12-E3
Paper washer, for base	... 350 and 500	2	37-8-E3
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)	(D) ... 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)	(D) ... G80C	3 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	12258
Gasket, for cylinder head	... G80, G80C	5	D8E 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) ... G3, G3C	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 carburettor	(2 off) ... G2, G4	3	STD 271
Stud, fixing carburettor	(2 off) ... G2M, G2MC	3	STD 271
Stud, fixing carburettor	(2 off) ... G2M, G2MC	3	38-G2M-E161
Stud, fixing carburettor	(2 off) ... G3, G3C	3	37-8-E161
Stud, fixing carburettor	(2 off) ... G80, G80C	3	37-8-E161
Stud, fixing carburettor	(2 off) ... G90	3	38-G9-E66
Nut, for carburettor stud	(2 off) ... All	2	STD 4
T piece, for inlet valve oil pipe	(K) ... 250 and G3	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 G3	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-G3-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 (2 off)	250 and G3.	£ 3 3	STD 660
Guide, for valve (2 off)	G3C, G80, G80C	£ 3 3	STD 660
Guide, for valve (2 off)	G4, G90	£ 2 6	38-G4-E148
Spring, for valve (inner) (M) (2 off)	250	£ 6 6	CE 211
Spring, for valve (inner) (N) (2 off)	G3, G3C	£ 2 9	37-G3-E211
Spring, for valve (inner) (N) (2 off)	G80, G80C	£ 2 9	37-G3-E211
Spring, for valve (inner) (N) (2 off)	G4, G90	£ 3 6	38-G4-E211
Spring, for valve (outer) (P) (2 off)	G3, G3C	£ 1 0	CE 212
Spring, for valve (outer) (P) (2 off)	G80, G80C	£ 2 9	37-G3-E212
Spring, for valve (outer) (P) (2 off)	G4, G90	£ 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 678-MA
Inlet valve, complete (R)	G80, G80C	£ 17 10	STD 679-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	£ 16 10	STD 677-MA
Exhaust valve, complete (R)	G4	£ 18 4	STD 677-MA
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	D3E 312
Piston, bare (V)	G80, G80C	£ 15 0	D5E 712
Piston, bare (7.1 to 1) (V)	G80, G80C	£ 1 0	D8E 812
Piston, bare (7.1 to 1) (V) (W)	G90	£ 1 10	38-G9-E12
Ring, for piston, 1 1/8" wide (S) (5 off)	250	£ 1 6	DE 11
Ring, for piston, 1 1/8" wide (T) (5 off)	350	£ 1 6	D3E 511
Ring, for piston, 1 1/8" wide (V) (5 off)	G80, G80C	£ 1 9	D5E 611
Ring, for piston, 1 1/8" wide (V) (2 off)	G90	£ 1 9	D5E 611
Scraper ring, for piston, 1 1/8" wide (V)	G90	£ 2 9	36-G8-E111
Gudgeon pin, for piston (2 off)	250	£ 2 0	D2E 1214
Gudgeon pin, for piston (2 off)	350	£ 3 0	D3E 1614
Gudgeon pin, for piston (2 off)	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) (W)	G90	£ 1 13 8	38-G9-E12-A
Piston, complete, high compression (Y) (S) (X)	250	£ 2 0	M 124
Piston, complete, high compression (Y) (T)	350	£ 2 2	M 125
Piston, complete, high compression (Y) (V)	G80, G80C	£ 1 11 2	D8E 812-A
Piston, complete, ultra high comp. (Y) (T)	350	£ 2 3 6	M 125
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	38-12-E108
Crankcase, complete (C)	350 and 500	£ 4 7 6	38-8-E108
Drain plug, for crankcase	All	£ 4	STD 575
Plug screw, for crankcase oil holes (3 off)	All	£ 1	STD 485
Flare washer, for oil hole screw (3 off)	All	£ 1	STD 203
Timing gear cover, with bushes	G2	£ 12 6	FE 432-M
Timing gear cover, for inlet cam bush	All but G2	£ 12 6	35-G3-E32
Dowel peg, locating timing cover (2 off)	All	£ 2	37-8-E78
Screw, fixing timing gear cover (5 off)	All	£ 1	STD 577
Magneto chaincase cover	All but G2	£ 2	STD 482
Screw, fixing magneto chain cover (6 off)	All but G2	£ 5 0	35-G3-E29
Grease nipple, for magneto chain cover	All but G2	£ 2	STD 484
Cap, in timing cover, for inlet cam bush	G2	£ 3	STD 765
Cap, in timing cover, for exhaust cam bush	All but G2	£ 3	STD 765
Stud, for cylinder base (4 off)	G2 and G2M	£ 3	STD 272
Stud, for cylinder base (4 off)	G2MC	£ 3	37-22T-E126
Stud, for cylinder base (4 off)	G3, G3C, G4	£ 3	STD 300
Stud, for cylinder base (4 off)	G80, G80C, G90	£ 3	STD 300
Ball, for cylinder oil feed valve	All	£ 1	STD 21
Plug, for cylinder oil feed valve	All	£ 3	STD 576
Spring, for cylinder oil feed valve	All	£ 2	STD 701

(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	£ s. d. ... 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 0 ...	RLS 8
Spacing washer, between bearings ...	... 250	... 3 ...	20486
Spacing washer, between bearings ...	... 350 and 500	... 3 ...	16866
Spacing collar, between bearings ...	... 250	... 9 ...	STD 651
Spacing collar, between bearings ...	... 350 and 500	... 9 ...	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 136
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 1/2" (D) (L)	... All	... 4 ...	STD 277
Front bolt, centre position, 3 3/4" (D) (F)	... All	... 4 ...	STD 274
Front bolt, bottom position, 3 3/4" (D)	... All	... 3 ...	STD 273
Bottom bolt, front position, 6 1/2" (D) (G.H)	... All but Comp.	... 5 ...	STD 281
Bottom bolt, front position, 6 1/2" (D) (G.J)	... Comp.	... 5 ...	D3C 308
Bottom bolt, rear position, 4 1/2" (E)	... All but Comp.	... 4 ...	STD 261
Bottom bolt, rear position, 4 1/2" (E) (K)	... Comp.	... 4 ...	STD 263
Rear bolt, top position, 3 3/4" (D)	... All	... 3 ...	STD 275
Rear bolt, centre position, 3 3/4" (D)	... All	... 3 ...	STD 275
Rear bolt, bottom position, 3 3/4" (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 (M) (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	... 2 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	... 250	... 9 ...	DE 18
Washer, for crankpin rollers	... 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	£ s. d. ... 10 0 ...	37-12-E25
Flywheel only, timing side	... 350	... 12 6 ...	38-G3-E25
Flywheel only, timing side	... 500	... 12 6 ...	38-G8-E25
Flywheel only, driving side	... 250	... 10 0 ...	37-12-E19
Flywheel only, driving side	... 350	... 14 0 ...	38-G3-E19
Flywheel only, driving side	... 500	... 12 6 ...	38-G8-E19
Axis, for flywheel, timing side	... All	... 12 6 ...	STD 760
Axis, for flywheel, driving side	... 250	... 8 0 ...	37-12-E20
Axis, for flywheel, driving side	... 350 and 500	... 11 6 ...	37-G8-E20
Key, for driving side flywheel axle	... All	... 13 6 ...	STD 573
Nut, for timing side flywheel axle	... All	... 3 ...	STD 573
Nut, for driving side flywheel axle	... 250	... 5 ...	STD 230
Nut, for driving side flywheel axle	... 350 and 500	... 7 ...	STD 235
Lock screw, for timing side axle nut	... All	... 5 ...	STD 234
		... 1 ...	STD 15

OIL PUMP GROUP.

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

RELEASE VALVE GROUP.

Release valve body	... All	...	
Diaphragm, for valve body	... All	... 1 0 ...	STD 836
		... 2 ...	STD 835

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

TIMING GROUP.

Inlet camshaft, assembled	... G2	... 9 6 ...	37-12-E132
Inlet camshaft, assembled	... All but G2	... 10 3 ...	D8E 2932
Exhaust camshaft, assembled	... G2	... 10 6 ...	FE 551
Exhaust camshaft, assembled	... All but G2	... 9 6 ...	D8E 2951
Timing pinion, on flywheel axle	... All	... 3 9 ...	E4E 1028
Key, for timing pinion	... All	... 3 ...	STD 570
Nut, retaining timing pinion to axle	... All	... 3 ...	STD 221

TAPPET GROUP.

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

PUSH ROD GROUP.

Rod, bare (2 off)	... 250	... 1 2 ...	FE 13
Rod, bare (2 off)	... 350 and G80	... 1 2 ...	20818
Rod, bare (2 off)	... G80 and G80C	... 1 6 ...	37-8-E113
Sleeve end, bottom, for push rod (2 off)	... All	... 1 0 ...	STD 721
Adjusting screw, for push rod (2 off)	... All	... 9 ...	STD 720
Lock nut, for rod adjusting screw (2 off)	... All	... 1 0 ...	STD 592
Push rod, complete (2 off)	... 250	... 4 3 ...	STD 216
Push rod, complete (B) (2 off)	... 350 and G90	... 4 3 ...	FE 14
Push rod, complete (B) (2 off)	... G80 and G80C	... 4 3 ...	20818-1
Cover tube, for push rod (2 off)	... 250	... 4 7 ...	37-8-F114
Cover tube, for push rod (2 off)	... G3 and G3C	... 3 6 ...	37-G3-E163
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-E163
Gasket, top, for cover tube (2 off)	... All but G4, G90	... 1 ...	STD 660
Rubber gland, bottom, for cover tube (2 off)	... G4 and G90	... 9 ...	38-G4-E568
Fibre washer, bottom, for cover tube (2 off)	... 250	... 3 ...	STD 691
Steel washer, bottom, for cover tube (Y) (2 off)	... G90	... 2 ...	37-12-E73
Screw, securing cover tube at top (Z) (2 off)	... G90	... 3 ...	38-G4-E73
Screw, securing cover tube at top (2 off)	... 250 and G3	... 1 ...	STD 500
Screw, securing cover tube at top (2 off)	... G3C, G80, G80C	... 1 ...	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
ROCKER BOX GROUP.			
Box, only, less cover and bushes ... (N)	... 250, G3, G3C	1 0 0	37-G3-E61
Box, only, less cover and bushes ... (N)	... G80 and G80C	1 2 6	37-G8-E61
Bolt, fixing box, long, front ... (P)	... G3 and G3C	4	STD 374
Bolt, fixing box, long, front ... (P)	... G80 and G80C	7	STD 411
Bolt, fixing box, long, rear ... (P)	... 250, G3, G3C	7	STD 374
Bolt, fixing box, long, rear ... (P)	... G80 and G80C	8	D8E 890
Bolt, fixing box, short, front ... (P)	... 250, G3, G3C	4	STD 365
Bolt, fixing box, short, front ... (P)	... G80 and G80C	4	STD 405
Bolt, fixing box, short, rear ... (P)	... 250, G3, G3C	4	STD 365
Bolt, fixing box, short, rear ... (P)	... G80 and G80C	4	STD 405
Washer, for box fixing bolt ... (4 off)	... 250, G3, G3C	1	STD 11
Washer, for box fixing bolt ... (4 off)	... G80 and G80C	1	STD 10
Cover, for rocker box ... (2 off)	... 250, G3, G3C	3 0	37-G3-E62
Cover, for rocker box ... (2 off)	... G80 and G80C	3 0	38-G4-E62
Cover, for rockers ... (2 off)	... G4 and G90	3 0	38-G4-E62
Cover, over tappets ... (2 off)	... G4 and G90	3 9	38-G4-E65
Rubber fillet, sealing box cover ... (2 off)	... 250, G3, G3C	2	37-12-E65
Rubber fillet, sealing box cover ... (2 off)	... G80 and G80C	2	37-8-E65
Rubber fillet, sealing tappet cover ... (2 off)	... G4 and G90	2	38-G4-E65
Washer, for rocker cover ... (2 off)	... G4 and G90	2	38-G4-E5
Stud, for rocker box cover ... (4 off)	... 250, G3, G3C	2	STD 252
Stud, for rocker box cover ... (2 off)	... G80 and G80C	4	37-8-E161
Stud, for tappet inspection cover ... (4 off)	... G4 and G90	3	38-G4-E6
Bolt, fixing rocker cover ... (4 off)	... 250, G3, G3C	3	STD 441
Nut (knurled), for cover stud ... (2 off)	... 250, G3, G3C	3	STD 623
Nut (knurled), for cover stud ... (2 off)	... G80 and G80C	9	37-8-E86
Nut (knurled), for tappet cover stud ... (4 off)	... G4 and G90	9	37-8-E86
Fibre washer, for cover stud nut ... (4 off)	... 250, G3, G3C	1	STD 205
Fibre washer, for tappet cover stud nut ... (4 off)	... G4 and G90	2	STD 202
Oil union, in rocker box, for main pipe ... (4 off)	... 250, G3, G3C	4	STD 508
Oil union, in rocker box, for main pipe ... (4 off)	... G80 and G80C	4	STD 508
Oil union, in cylinder head, for main pipe ... (4 off)	... G4 and G90	4	STD 508
Oil union, for valve guide oil pipe ... (4 off)	... 250, G3, G3C	4	STD 507
Oil union, for valve guide oil pipe ... (4 off)	... G80 and G80C	4	STD 507
Metering jet, for rocker oil feed ... (2 off)	... 250, G3, G3C	4	STD 578
Metering jet, for rocker oil feed ... (2 off)	... G80 and G80C	4	STD 578
Bush, for rocker axle ... (4 off)	... 250, G3, G3C	2 3	STD 653
Bush, for rocker axle ... (4 off)	... G80 and G80C	2 3	STD 653
Bush, for rocker axle ... (4 off)	... G4	1 6	38-G4-E204
Bush, for rocker axle, left side ... (2 off)	... G90	1 6	38-G4-E204
Bush, for rocker axle, right side ... (2 off)	... G90	1 6	38-G4-E204
Felt plug, for rocker box ... (2 off)	... 250, G3, G3C	3	MX2E 298
Felt plug, for rocker box ... (2 off)	... G80 and G80C	3	MX2E 298
Fixing pin, for felt plug ... (2 off)	... 250, G3, G3C	3	37-8-E159
Fixing pin, for felt plug ... (2 off)	... G80 and G80C	3	37-8-E159

(N) If supplied with bushes, 9s. extra.

(P) The engine steady stay is attached to this bolt.

OVERHEAD ROCKER GROUP.			
Rocker axle ... (2 off)	... 250, 350, G90	3 6	FE 57
Rocker axle ... (2 off)	... G30 and G80C	4 6	16254
Felt ring, for rocker axle ... (2 off)	... All	2	D8E 1865
Nut, for rocker axle ... (4 off)	... 250, G3, G3C	2	STD 3
Nut, for rocker axle ... (4 off)	... G4 and G90	2	STD 3
Bolt, for rocker axle ... (2 off)	... G80 and G80C	4	11897
Sleeve, for rocker axle ... (2 off)	... 250, 350, G90	3 0	FE 58
Washer, for rocker axle ... (4 off)	... 250, 350, G90	1	STD 10
Washer, for rocker axle ... (2 off)	... G80 and G80C	1	STD 9
Arm, for rocker, exhaust, tappet end ... (2 off)	... 250, 350, G90	2 3	FE 60
Arm, for rocker, exhaust, tappet end ... (2 off)	... G80 and G80C	4 0	D8E 1860
Arm, for rocker, exhaust, valve end ... (2 off)	... 250, 350, G90	2 6	FE 59
Arm, for rocker, exhaust, valve end ... (2 off)	... G80 and G80C	4 0	16399
Arm, for rocker, inlet, tappet end ... (2 off)	... 250, 350, G90	2 3	FE 60
Arm, for rocker, inlet, tappet end ... (2 off)	... G80 and G80C	4 0	D8E 1859
Arm, for rocker, inlet, valve end ... (2 off)	... 250, 350, G90	2 6	FE 59
Arm, for rocker, inlet, valve end ... (2 off)	... G80 and G80C	4 0	16398
Washer, for rocker arm, tappet end ... (2 off)	... G80 and G80C	1 3	16353
Pin, for rocker arm, tappet end ... (2 off)	... G80 and G80C	1 0	16353
Pin, for rocker arm, valve end ... (2 off)	... G80 and G80C	1 0	D8E 1858

(R) On engines without end caps in the cylinder head two special nuts were used on rocker axles—viz., 38-G4-E441 at 1s. each. These were fitted on the LEFT SIDE.

VALVE LIFTER GROUP.			
Lifter lever and spindle, combined ...	... All	3 6	D8E 2861
Spring, for lifter lever ...	... All	3	STD 700
Cable, crosshead, for lifter lever ...	... All	9	D8E 2862
Lock nut, for cable crosshead ...	... All	2	STD 74

For control levers, see Frame Section (Handlebar Group).

For control cables, see Frame Section (Control Cable Group).

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

Description.	Used on.	Price. Each.	Part Number.
ENGINE STEADY STAY GROUP.			
Steady stay ...	... G3 and G3C	8	35-G3-E110
Steady stay ...	... G80 and G80C	8	35-G3-E110
Clip, for steady stay ...	... G3 and G3C	8	35-G3-E100
Clip, for steady stay ...	... G80 and G80C	8	35-G3-E100
Bolt, for steady stay clip ...	... G3 and G3C	3	STD 370
Bolt, for steady stay clip ...	... G80 and G80C	3	STD 370
Washer, for steady stay clip bolt ...	... G3 and G3C	1	STD 192
Washer, for steady stay clip bolt ...	... G80 and G80C	1	STD 192
Nut, for steady stay clip bolt ...	... G3 and G3C	2	STD 4
Nut, for steady stay clip bolt ...	... G80 and G80C	2	STD 4
Nut, securing steady stay to engine ...	... G3 and G3C	2	STD 4
Washer, for steady stay to engine nut ...	... G3 and G3C	1	STD 11

EXHAUST PIPE SECTION.

LEG GUARD GROUP. (E).			
Leg guard, only ...	... 350 and 500	2 0	35-G3-EQ162
Pinch bolt, for leg guard ...	... 350 and 500	3	35-G3-EQ163
Seat, for leg guard pinch bolt ...	... 350 and 500	3	STD 345
Nut, for leg guard pinch bolt ...	... 350 and 500	3	TE 465

(E) Legshields are only fitted to 350 c.c. and 500 c.c. Models equipped with HIGH exhaust pipes. Note that on two port Models G80 and G90 two legshields are fitted.

LOW EXHAUST PIPE GROUP. RIGHT-HAND SIDE.			
Pipe, only ...	... G2 and G2M	18 6	37-22-E402
Pipe, only ...	... G3 and G4	18 6	37-22-E402
Pipe, only ...	... G80 and G90	18 6	37-22-E402
Finned clamp, fixing pipe to engine ...	... G3 and G4	4 6	35-G3-E415
Finned clamp, fixing pipe to engine ...	... G80 and G90	4 6	35-G3-E415
Screw, for finned clamp ...	... G3 and G4	2	STD 484
Screw, for finned clamp ...	... G80 and G90	2	STD 484
Front clip, for exhaust pipe ...	... G2, G2M, G3, G4	1 0	STD 746
Front clip, for exhaust pipe ...	... G80 and G90	1 0	STD 746
Bolt, for front clip ...	... G2, G2M, G3, G4	3	STD 363
Bolt, for front clip ...	... G80 and G90	3	STD 363
Washer, for front clip bolt ...	... G2, G2M, G3, G4	1	STD 174
Washer, for front clip bolt ...	... G80 and G90	1	STD 174
Nut, for front clip bolt ...	... G2, G2M, G3, G4	2	STD 4
Nut, for front clip bolt ...	... G80 and G90	2	STD 4
Stay, for front clip ... (A)	... G2 and G2M	1 0	37-8-E406-R
Stay, for front clip ... (A)	... G3 and G4	1 0	37-8-E406-R
Stay, for front clip ... (A)	... G80 and G90	9	37-8-E406-R
Silencer only ...	... G3 and G4	17 6	17486
Silencer only ...	... G80 and G90	17 6	35-G3-E461
Baffle tube, for silencer ...	... G3 and G4	2 9	4260
Baffle tube, for silencer ...	... G80 and G90	2 9	4260
Front clip, for silencer ...	... G2, G2M, G3, G4	1 0	STD 745
Front clip, for silencer ...	... G80 and G90	1 0	STD 745
Bolt, for front clip ...	... G2, G2M, G3, G4	3	STD 362
Bolt, for front clip ...	... G80 and G90	3	STD 362
Washer, for front clip bolt ...	... G2, G2M, G3, G4	1	STD 174
Washer, for front clip bolt ...	... G80 and G90	1	STD 174
Nut, for front clip bolt ...	... G2, G2M, G3, G4	2	STD 4
Nut, for front clip bolt ...	... G80 and G90	2	STD 4
Body clip, for silencer ...	... G2 and G2M	1 0	16160
Rear clip, for silencer ...	... G3 and G4	1 0	STD 746
Rear clip, for silencer ...	... G80 and G90	1 0	STD 746
Bolt, for rear clip ...	... G2, G2M, G3	3	STD 363
Bolt, for rear clip ...	... G4, G80, G90	3	STD 363
Washer, for rear clip bolt ...	... G2, G2M, G3	1	STD 174
Washer, for rear clip bolt ...	... G4, G80, G90	1	STD 174
Nut, for rear clip bolt ...	... G2, G2M, G3	2	STD 4
Nut, for rear clip bolt ...	... G4, G80, G90	2	STD 4
Stay, for rear clip ...	... G2 and G2M	1 0	37-8-E567
Stay, for rear clip ...	... G3 and G4	6	STD 747
Stay, for rear clip ...	... G80 and G90	6	STD 747
Bolt, for rear clip stay (in fork end) ...	... G2, G2M, G3, G4	3	STD 363
Washer, for rear clip stay bolt ...	... G2, G2M, G3, G4	1	STD 174
Washer, for rear clip stay bolt ...	... G80 and G90	1	STD 174
Nut, for rear clip stay bolt ...	... G2, G2M, G3, G4	2	STD 4
Nut, for rear clip stay bolt ...	... G80 and G90	2	STD 4

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

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
Flanged clamp, fixing pipe to engine	G80 and G90	4 6	35-G3-E415
Screw, for flanged 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-I
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 0	STD 746
Bolt, for rear clip	G80 and G90	5	STD 563
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	5	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.			
		£ s. d.	
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-G4-E422
Flanged clamp, fixing pipe to engine	350 and 500	4 6	35-G3-E415
Screw, for flanged clamp	350 and 500	2	STD 484
Front clip, for exhaust pipe	350	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	35-G3-E461
Silencer, only	G2MC	17 6	35-G3-E461
Baffle tube, for silencer	350 and 500	2 9	4260
Front clip, for silencer	G2MC	2 9	4260
Bolt, for front clip	350 and 500	1 0	STD 745
Bolt, for front clip	G2 and G2M	3	STD 567
Bolt, for front clip	G3 and G4	3	STD 370
Bolt, for front clip	G80 and G90	3	STD 376
Spacer, for front clip bolt	Comp.	2	LM 75-R
Spacer, for front clip bolt	G2 and G2M	2	L3C 53
Spacer, for front clip bolt	G3 and G4	2	L3C 53
Spacer, for front clip bolt	G80 and G90	2	L3C 53
Washer, for front clip bolt	Comp.	5	35-G3-E468
Nut, for front clip bolt	All	1	STD 174
Stay, for silencer front clip	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 376
Bolt, for silencer rear clip	G80 and G90	3	STD 376
Spacer, for rear clip bolt	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	L3C 53
Spacer, for rear clip bolt	G80 and G90	2	L3C 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 Repair 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
Flanged clamp, fixing pipe to engine	G80 and G90	4 6	35-G3-E415
Screw, for flanged 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
Spacer, for front clip bolt	G80 and G90	2	L3C 53
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 0	STD 746
Bolt, for rear clip	G80 and G90	3	STD 376
Spacer, for rear clip bolt	G80 and G90	2	L3C 53
Washer, for rear clip bolt	G80 and G90	1	STD 174
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
Plug screw, for plug	500	14 6	14-001
Fibre washer, for plug screw	500	2	13-153
Bolt, holding chamber to mixing body	250 and 350	1	14-039
Bolt, holding chamber to mixing body	500	2	4-043
Fibre washer, for holding bolt	(2 off) All	2	29-077
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 3/16" long	500	11	22-013
Tickler plunger, for float chamber top	250 and 350	7	14-024
Spring, for tickler plunger	500	7	14-031
Cotter pin, for tickler plunger	All	2	14-032
	All	1	14-033

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, 21" long	250	1 3	5-065
Taper needle, for needle jet, 21" long	350	1 3	6-065
Taper needle, for needle jet, 21" 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	G3 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 630
Distance collar, for sprocket	350 and 500	9	STD 630
Shock absorber cam	All	3 9	55-G3-E124
Spring, for shock absorber	250 and 350	1 3	STD 830
Spring, for shock absorber	500	1 3	STD 702
Cap washer, for shock absorber spring	All	1 6	STD 703
Lock nut, for shock absorber	All	8	STD 831
		6	STD 610

All engine sprockets are interchangeable and have teeth to take chain 1in. 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 nut	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, 1"x.305"	G2 and G2M	7 7	110046-65
Front chain, 65 links, 1"x.305"	G2MC and G3C	7 7	110046-65
Front chain, 65 links, 1"x.305"	G3, G4, G80C	7 8	110046-66
Front chain, 67 links, 1"x.305"	G80 and G90	7 9	110046-67
Rear chain, 114 links, 1"x.305"	G2 and G2M	15 0	110046-114
Rear chain, 91 links, 1"x.380"	G3 and G4	14 8	110056-91
Rear chain, 91 links, 1"x.380"	G80 and G90	14 8	110056-91
Rear chain, 95 links, 1"x.380"	Comp.	15 3	110056-95
Magneto chain, 58 links, 1"x.255"	All but G2	3 8	110036-58
Dynamo chain, 47 links, 1"x.255"	All	3 0	110036-47
Connecting link, for 1/2" chain	All	5	46-26
Connecting link, for 1/2" chain	All but G2, G2M	7	56-25
Cranked link, for 1/2" chain	All	5	46-30
Cranked link, for 1/2" chain	All but G2, G2M	7	56-30
Spring clip, for 1/2" connecting link	All	1	46-27
Spring clip, for 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.

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.

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 313
Bottom fixing bolt, 3 1/16" x 7/16"	... All	6 ...	STD 312
Distance collar, for top fixing bolt ...	... All	3 ...	STD 632
Nut, for top bolt, left side	... All	3 ...	STD 2
Nut, for top bolt, right side	(A) ... See Note A	3 ...	STD 2
Nut, extended, for top bolt, right ...	(B) ... See Note B	1 3 ...	DSE 859
Nut, for bottom bolt	... 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 C.P. 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."

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 1/16" x 1/2"	(2 off) ... As above	6 ...	60-X-1
Nut, for 3/16" stud	(4 off) ... As above	3 ...	152-X
Nut, for 1/2" stud	(2 off) ... As above	2 ...	63-X
Kickstarter case	... As above	15 0 ...	3-C-7
Stud, for kickstarter case, 2 1/4" x 1/2" ...	(3 off) ... As above	6 ...	286-X
Nut, for 1/2" stud	(3 off) ... As above	2 ...	63-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	4 ...	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	2 ...	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 1/2in. internal.
(D) Dimensions: 40 m.m. external, 12 m.m. internal, 12 m.m. thick
(E) Dimensions: 1 7/16in. external, 1 1/2in. 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	4 ...	187-X-3
Sliding gear, for mainshaft	18 and 23 teeth ... As above	10 0 ...	14-C-4
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	10 0 ...	25-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 0	157-X
Split pin, for operating fork peg	... As above	1 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 0	95-X
Spring, for pawl	... As above	9 0	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	0	CO-96-1
Rivet, fixing ratchet	(J)	...	As above	...	1	0	CO-96-2
Control spindle	(W.L.)	...	As above	...	3	6	CO-90
Nut (inside), for spindle control	(M)	...	As above	...	2	0	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	0	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	0	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	0	CO-66-1
Pawl spring, for spring box	(Y) (2 off)	...	As above	...	6	0	CO-67-1
Plate, for main spring	(2 off)	...	As above	...	2	0	CO-59-1
Plate, for pawl spring	(2 off)	...	As above	...	2	0	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	00	CO-97-1
Neutral indicator, large, moving	(B)	... As above	6	00	CO-97
Nut, retaining moving indicator		... As above	3	00	171-X
Foot control lever	(C.D.)	... As above	7	60	CO-92-2
Foot control lever assembly	(E)	... As above	8	40	CO-92-2-A
Rubber, for foot control lever	(D)	... As above	9	00	CO-82-2
Pin, fixing foot lever rubber	(D)	... As above	1	00	CO-38
Bolt, clamping foot lever to sleeve		... As above	1	30	CO-63-3
Nut, for foot lever clamping bolt		... As above	2	00	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
Ratchet pinion	(G)	... As above	9 0
Bush, for ratchet pinion	... As above	8 0	185-X
Spring, for ratchet pinion	... As above	2 6	183-X
Nut, retaining ratchet pinion	... As above	2 6	184-X
Spindle, for K.S. quadrant and lever	(H)	... As above	9 0
Bush, for K.S. spindle (in K.S. case)	... As above	4 0	185-X
Bush, for K.S. spindle (in K.S. case cover)	... As above	7 6	70-X
Quadrant, for K.S. spindle	(H)	... As above	2 0
K.S. spindle and quadrant assembly	(J)	... As above	2 0
Return spring, for kickstarter	... As above	10 6	200-X-3
Pin, for return spring	(K)	... As above	18 0
Stop rubber and sleeve, for quadrant	... As above	2 0	199-X-3-A
Peg, for stop rubber and sleeve	... As above	5 0	130-X
		3 0	132-X-2
		6 0	202-X

All the above parts are inside the kickstarter case.

... parts are made the same after case.									
Kick start foot lever, bare	(L)	... G3, G4, G80, G90 ...	10	6	...	194-X-26			
Kick start foot lever, bare	(M.N)	... Comp.	10	6	...	194-X-13			
Pedal pin, for foot lever		... G3, G4, G80, G90 ...	5	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 1/2"x.380"	... As above	15 0	179-X-7
Distance collar, for sprocket, 7/16" long	... As above	1 0	180-X-8
Distance washer, for sprocket, 1 1/16" thick	... As above	4 0	206-X-2
Collar, under sprocket nut, 3/16" long	... As above	4 0	206-X-1
Nut, retaining sprocket to main gear	... As above	1 9	176-X

CLUTCH GROUP.

Chainwheel, bare, 40 teeth, 1 1/2"x.305"...	(R)	... As above	1	0	0	...	7-X-28
Clutch case (four plate)	(R)	G3, G4, G80, G90	12	0	0	...	1-X-7
Clutch case (five plate)	(R)	Comp.	12	0	0	...	1-X-8
Chainwheel rivet	(R) (8 off)	... As above	1	12	8	...	9-X-3
Chainwheel assembly (four plate)	(S)	G3, G4, G80, G90	1	12	8	...	7-X-4-4
Chainwheel assembly (five plate)	(S)	Comp.	1	12	8	...	7-X-4-5
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	3	...	35-X
Thin washer, for sprocket bearing	...	As above	9	0	0	...	36-X-2
Thick washer, for sprocket bearing	...	As above	9	0	0	...	36-X-3
Nut, retaining centre to mainshaft	...	As above	3	0	0	...	71-X
Plain washer, for retaining nut	...	As above	3	0	0	...	212-X
Spring washer, for retaining nut	...	As above	3	0	0	...	6-X-2
Steel plain plate, thick	(V)	G3, G4, G80, G90	2	0	0	...	5-X
Steel plain plate, thin (four plate)	(4 off)	Comp.	2	0	0	...	5-X
Steel plain plate, thin (five plate)	(5 off)	G3, G4, G80, G90	2	0	0	...	5-X-2
Friction plate, with inserts (four plate) (4 off)	(4 off)	Comp.	5	0	0	...	5-X-2
Friction plate, with inserts (five plate) (5 off)	(5 off)	Comp.	5	0	0	...	4-X-2
Fabric inserts, only	(per dozen) ... (T)	As required	9	0	0	...	18-X-8
Spring pressure plate	...	As above	6	0	0	...	21-X-3
Spring, for clutch	(4 off)	As above	6	0	0	...	22-X
Cup, for clutch spring	(4 off)	As above	6	0	0	...	24-X-11
Stud, for clutch spring, 1 1/2" (4 plate) (4 off)	(4 off)	G3, G4, G80, G90	4	0	0	...	24-X-12
Stud, for clutch spring, 2 1/2" (5 plate) (4 off)	(4 off)	Comp.	4	0	0	...	25-X
Adjusting nut, for clutch spring	(4 off)	As above	4	0	0	...	25-X

- (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 ...	330-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 ...	4-1-C
Stud, for shell, 1"x1/2"	(5 off) 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 ...	173-X
Nut, for large (5/16") stud	(2 off) As above	3 ...	132-X
Nut, for small (1/4") stud	(4 off) As above	12 6 ...	4-C-6
Cover, for kickstarter case	As above	1 0 ...	174-X
Locating piece, for K.S. case cover	As above	2 ...	245-X-1
Grease nipple, straight	As above	2 ...	245-X-2
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, 3/16in. 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	As above	2 0 ...	187-X
Sliding gear, for mainshaft 18 and 23 teeth	As above	1 10 0 ...	14-C-4
Third gear, for mainshaft	As above	12 6 ...	24-C-3
Layshaft spindle	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-3

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 ...	193-X-1
Screw 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	3 0 ...	CO-96-2
Control spindle	(W.L.) As above	5 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
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-54
Peg, for operating pawl	(R.S.) As above	3 ...	CO-52-1
Quadrant, sleeve and pawl 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 3 ...	CO-52-5
Spindle, for indexing pawl	As above	5 0 ...	CO-60-1
Spring box	As above	5 0 ...	CO-49-5
Cover plate, for spring box	(X) As above	1 0 ...	CO-56-4
Main spring, for spring box	(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 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	7 6 ...	171-X
Foot control lever	(C.D.) As above	8 4 ...	CO-92-4
Foot control lever assembly	(E) As above	9 ...	CO-92-4-A
Rubber, for foot control lever	(D) As above	1 ...	CO-82
Pin, fixing foot lever rubber	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 include 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-3
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 (H)	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	130-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
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 1/2" long	As above	1 0	28-X-11 1/2
Sleeve, for thrust rod	As above	1 6	294-X
Adjusting screw, for thrust rod sleeve	As above	6	293-X
Steel ball, for adjusting screw and sleeve	As above	1	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 C2M.

(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	As above	6	60-X-1
Stud, for shell, 1 1/2" projection (2 off)	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	As above	2	63-X
Distance sleeve, for stud	As above	6	112-H
Cover, for grease aperture in shell	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	62-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	110-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	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	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	As above	10 0	25-H-2
Third gear, for layshaft	As above	17 6	27-H
Second gear, for layshaft	As above	17 6	27-H
First gear, for layshaft	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	195-X-4
Control inner lever	As above	4 0	48-H
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	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	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	6	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	(I) 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.

(I) 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	6 0	102-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	7 6	258-X
Spindle, for K.S. quadrant and lever ..	(M) As above	2 0	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	(N) As above	10 6	199-X-4
K.S. spindle and quadrant assembly ..	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-6
Clutch-case (for three plate clutch) ..	(S) As above	12 0	1-X-6
Chainwheel assembly	(T) As above	1 16 8	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
Roller race, for sprocket bearing	As above	0	0
Rollers, for sprocket bearing, per set (24 off)	As above	2 0	34-X-2
Thin washer, for sprocket bearing ..	As above	3	35-X
Thick washer, for sprocket bearing ..	As above	6	36-X-2
Nut, retaining centre to mainshaft ..	As above	9	36-X-3
Plain washer, for retaining nut	As above	6	69-X
Spring washer, for retaining nut	As above	1	217-X
Steel plain plate, thick	As above	1	269-X
Steel plain plate, thin	(3 off) As above	2 0	6-X
Friction plate, with inserts	(3 off) As above	5 0	5-X-2
Fabric inserts, only	(V) per dozen As above	9	4-X-2
Spring pressure plate	As above	9 0	18-X-5
Adjusting screw, for spring plate ..	As above	6	100-H
Lock nut, for adjusting screw	As above	6	20-X-4
Steel ball, for adjusting screw	As above	1	67-X-2
Spring, for clutch	(4 off) As above	6	21-X-3
Cap, for clutch spring	(4 off) As above	6	22-X
Stud, for clutch spring	(4 off) As above	4	24-X-10
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, 10 31/32in. overall length	As above	1 0	244-X
Bracket, for operating lever	As above	3 6	3-H-5
Operating lever	As above	2 6	103-H
Pin, for operating lever	As above	2	104-H
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.

THE FOLLOWING PARTS ONLY REFER TO THE BURMAN TYPE H.P. GEAR BOXES HAVING EXTERNAL (EXPOSED) CLUTCH OPERATING MECHANISM AS FITTED TO MODELS C2 AND C2M.

GEAR BOX SHELL GROUP.

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

BEARING GROUP.

Ball bearing, for main driving gear... (A)	As above	12 6	267-X
Washer, for ball bearing	As above	4	259-X
Spring split ring, retaining washer...	As above	4	78-X
Ball bearing, for mainshaft	(B) As above	10 0	268-X
Washer, for mainshaft bearing	As above	3	260-X
Washer, external, for mainshaft bearing	As above	3	254-X
Retaining ring, for mainshaft bearing	As above	1 0	253-X
Bush, for layshaft	(2 off) As above	3 0	255-X
Peg, locating layshaft bush	(2 off) As above	1	87-X
Cover washer, in shell, for layshaft bush	As above	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	11-H-12
Driving gear, with bushes	As above	1 12 6	15-H-2
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	As above	10 0	24-H
Grease retaining washer, for first gear	As above	1 0	252-X
Layshaft	As above	1 0	259-H
Small gear, for layshaft	As above	10 0	25-H-2
Third gear, for layshaft	As above	17 6	26-H
Second gear, for layshaft	As above	17 6	27-H
First gear, for layshaft	As above	12 0	28-H

NO PRICES ON THIS PAGE ARE SUBJECT TO INCREASE.

Description.	Used on.	Price each.	Part Number.
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
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	2	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	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.

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	... 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-59
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
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	263-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-13
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	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.

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Description.	Used on.	Price each.	Part Number.
FINAL DRIVE GROUP.			
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	283-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	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 0	1-X-6
Chainwheel assembly	(T) ... As above	1 16 8	7-X-14-A
Clutch centre	... As above	1 0	2-X-12
Roller race, for sprocket bearing	... As above	3	34-X
Rollers, for sprocket bearing, per set ... (24 off)	... As above	3	36-X
Thin washer, for sprocket bearing	... As above	9	36-X-1
Thick washer, for sprocket bearing	... As above	3	69-X
Nut, retaining centre to mainshaft	... As above	1	217-X
Plain washer, for retaining nut	... As above	1	269-X
Spring washer, for retaining nut	... As above	2	6-X
Steel plain plate, thick	... As above	2 0	6-X
Steel plain plate, thin	(3 off) ... As above	5 0	3-X-2
Friction plate, with inserts	(3 off) ... As above	9	4-X-2
Fabric inserts, only	(V) per doz. ... As above	9 0	18-X-5
Spring pressure plate	... As above	6	19-X-5
Adjusting screw, for spring plate	... As above	6	20-X
Lock nut, for adjusting screw	... As above	6	21-X
Spring for clutch	(4 off) ... As above	6	22-X
Cup, for clutch spring	(4 off) ... As above	4	24-X
Stud, for clutch spring	(4 off) ... As above	4	23-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.

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SERVICE.

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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	... 1	... 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 501
Bolt, for seat tube bottom lug	(B-2) ... All but G2	... 3	... STD 302
Bolt, adjusting rear chain	(2 off) ... All	... 2	... STD 3
Collar, for rear chain bolt	(2 off) ... All	... 2	... STD 596
Nut, for rear chain bolt	(2 off) ... All	... 2	... STD 635
Grease nipple, for head lug	(2 off) ... 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 SATISFACTORY 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) ... All	... 2	... STD 51
Forks, assembled, complete	... G2	... 5 7 0	... 38-G2-FFA
Forks, assembled, complete	(C) ... G2MC	... 5 7 0	... 38-G2MC-FFA
Forks, assembled, complete	(C) ... G3 and G80	... 5 8 0	... 38-G2MC-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.

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	... 250 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	... 7	... 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) ... G3C and G80C	... 2 4	... 17726
Pin, for checkspring crosshead	(4 off) ... G4 and G90	... 2 4	... 17726
Pin, for checkspring crosshead	(4 off) ... G3C and G80C	... 9	... 17728
Washer, for crosshead pin	(4 off) ... G4 and G90	... 1	... STD 11
Split pin, for crosshead pin	(4 off) ... G3C and G80C	... 1	... STD 11
Split pin, for crosshead pin	(4 off) ... G4 and G90	... 1	... STD 14

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	... 37-G3-FF19-A
Fork crown and steering stem, bare	... G80 and G90	... 1 0	... 37-G3-FF19-A
Fork crown and steering stem, bare	... G3C and G80C	... 1 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	... 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 6	... 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.

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 3	... 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.

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

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	5	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	D5FF 597
Steel plate (fixed to frame)	... 250	5	STD 811
Steel plate (fixed to frame)	... 350 and 500	5	D5FF 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	3	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	... 250	1	STD 12
Ebonite knob, with medallion	... All	2 6	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.

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SERVICE.

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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	2	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	4*	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*	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*	403-424-7R
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 lever body, bare	... All	2 0*	4056-R
Air lever body, bare	... All	2 6*	2148-L
Half clip, for bke. and clth. lever body	... All	1 0*	4058A
Hinge pin, for half clip	... All	1*	1718A
Screw, clamping half clip	... All	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.

		£ 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*	2882
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)	G2	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	5
Nipple, for inner wire (handlebar end)	250	1	0 12C-20
Outer casing, bare, 20" ... (L)	350 and 500	1	0 12C-14
Outer casing, bare, 14" ... (L)	All	1	12F
Ferrule, for outer casing ... (2 off)	250	4	11751
Knurled adjuster, for brake cable	350 and 500	1	0 16365
Knurled adjuster, for brake cable	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.			
		£ s. d.	
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, 53" ... (K)	350 and 500	9	12-53
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 0	12C-47
Ferrule, for outer casing ... (2 off)	All	1	12F
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.			
		£ s. d.	
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, 33 1/2" ... (K)	G2 and G2M	7	12-33 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	12F
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.

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

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, 44" ... (K)	350 and 500	8	11-44
Nipple, for inner wire (contact breaker end)	G2	1	8
Nipple, for inner wire (magneto end)	All but G2	6	MC 4
Nipple, for inner wire (handlebar end)	All	1	5327
Outer casing, bare, 33 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	11F
Rubber cap, for cable entry	G2	1 6*	32 M
Rubber cap, for cable entry	All but G2	3	MC 9
Cable adjuster, with lock nut	G2	6	31 M
Cable sleeve (screws into timing case)	All but G2	5	MC 7-8
Cable sleeve (screws into timing case)	G2	6	18 M
Cable spring	All but G2	6	MC 6
Cable spring	G2	4	17 M
Nipple sleeve (slides in timing case)	All but G2	2	MC 5
	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.			
		£ s. d.	
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, 43" ... (K)	G2	8	11-43
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	1	11F
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.			
		£ s. d.	
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, 33" ... (L)	250	1 5	11C-33
Outer casing, bare, 36" ... (L)	350 and 500	1 6	11C-36
Ferrule, for outer casing ... (2 off)	All	1	11F
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.			
		£ s. d.	
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 523
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.			
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	8 0	APF 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 363
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.	2	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 4
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	3325
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 (2 off)	G2	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	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 (2 off)	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 363
Bolt, fixing stay to girder (2 off)	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.			
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
Mudguard, bare (plated)	Comp.	1 8	37-G3C-M4
Front (short) portion of guard (plated)	Comp.	7 6	37-G3C-M4-F
Rear (long) portion of guard (plated)	Comp.	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
Nut, uniting front and rear portions (2 off)	G2M, G3, G4	2	STD 5
Washer, for guard uniting nut (2 off)	G2M and G90	1	STD 172
Washer, for guard uniting nut (2 off)	G80 and G90	1	STD 172
Tubular arch	G2 and Comp.	1	STD 10
Tubular arch	G2M, G3, G4	13 6	37-G3-F300
Tubular arch	G80 and G90	19 6	38-G3-F300
Tubular arch	Comp.	19 6	38-G3-F300
Rear stay, for mudguard (2 off)	Comp.	7 6	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
Bolt, fixing stay to arch (2 off)	Comp.	3	STD 213
Spring washer, for stay to arch bolt (2 off)	Comp.	2	STD 70
Nut, for stay to arch bolt (2 off)	Comp.	1	STD 191
Screw, fixing stay to guard (2 off)	Comp.	2	STD 5
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
Bolt, fixing front of arch to guard (2 off)	Comp.	3	STD 362
Spring washer, for front of arch bolt	G2	2	STD 361
Spring washer, for front of arch bolt (2 off)	All but G2	1	STD 191
Nut, for front of arch bolt (2 off)	G2	1	STD 192
Nut, for front of arch bolt (2 off)	All but G2	2	STD 5
Nut, for front of arch bolt (2 off)	G2 and G90	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	G2M, G3, G4	5	STD 378
Bolt, rear, right side	G80 and G90	3	STD 376
Bolt, rear, right side	Comp.	3	STD 365
Spacer, for rear left bolt	G80 and G90	4	L30 53
Spacer, for rear right bolt	G2	3	L4M 133
Spacer, for rear right bolt	G2M, G3, G4	2	L30 53
Spacer, for rear right bolt	G80, G90	2	L30 53
Plain washer, for rear left bolt (2 off)	G80, G90	1	STD 174
Plain washer, for rear right bolt (2 off)	G2, G2M, G3	1	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	G2M, G3, G4	1	STD 192
Nut, for rear left bolt	G2	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

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

Description.	Used on.	Price. Each.	Part Number
FRONT NUMBER PLATE GROUP.			
Number plate, bare	... All	£ s. d.	
Clip, for plate (with nut and washer) (2 off)	... All	1 9	STD 741
Screw, fixing plate to clip (2 off)	... All	4	STD 742
Nut, for plate fixing screw (2 off)	... All	2	STD 451
	... 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	STD 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	2	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	4	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

ALL ABOVE PRICES ARE SUBJECT TO 10% INCREASE.

Description.	Used on.	Price. Each.	Part Number
SADDLE GROUP.			
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 0*	195F 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 left saddle spring	... G80 and G90	3	STD 370
Bolt, for right saddle spring	... All but Comp.	3	STD 370
Washer, for left saddle spring bolt	... G2, G2M, G3, G4	1	STD 11
Washer, for left 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.	1	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-E185E
Back portion of carrier, bare	... 350 and 500	4 0	38-G3-E185E
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).

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

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)	G30, G80, G80C	4 17 6	38-G3-T105PB
Tank, bare (plated with red panels)	G4 and G90	5 2 6	38-G3-T105PB
Bolt, fixing tank to frame (4 off)	All	6	38-G3-T105A
Rubber pad, thick, for tank bolt (4 off)	All	2	16415
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	AT 30
Washer, only, for filler cap	All	3	AT 30-C
Tap, for petrol supply	All	3	17907
Banjo pin, for tank connection pipe	All	1 9	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	38-G3-T4-L
Rubber knee pad, right	All	2 6	38-G3-T4-R
Metal plate, for left knee pad	All	6	38-G3-T34-L
Metal plate, for right knee pad	All	6	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	38-G3-T57-L
Wing emblem, for tank, right side	All	1 6	38-G3-T57-R
Embossed letter M, for tank, left side	All	1 6	DST 500-L
Embossed letter M, for tank, right side	All	1 6	DST 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	35-G3-T130
Washer, only, for filler cap	All	3	AT 30-C
Drain plug, for tank	All	2 6	STD 599
Felt filter, or cartridge	All	4	STD 704
Spring, for filter	All	3	STD 797
Dished washer, for filter spring	All	1 6	STD 795
Screwed cap, for filter compartment	All	2	STD 583
Cork washer, for compartment cap	All	4	LE 287
Union, for feed pipe (screws into tank)	All	1	STD 4
Nut, fixing tank to frame (A)	All	1	STD 174
Washer, for tank fixing nut (A)	All	2	STD 361
Bolt, fixing oil tank stay to mudguard	All	1	STD 192
Spring washer, for stay fixing bolt	All	1	STD 174
Plain washer, for stay fixing bolt	All	2	STD 4
Nut, for stay fixing bolt	All	2	STD 4
PETROL PIPE GROUP.			
Pipe, complete, with nipples and nuts	G2	3 0	38-G2-T54
Pipe, complete, with nipples and nuts	G2M	3 0	36-G2M-T54
Pipe, complete, with nipples and nuts	G3	3 0	38-G3-T54
Pipe, complete, with nipples and nuts	G80	3 0	38-G8-T54
Pipe, complete, with nipples and nuts (B)	G4 and G90	5 3	38-G9-T54
Pipe, complete, with nipples and nuts (B)	Comp.	5 3	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 union	All	4 0	38-G3-T23-A
Banjo union, for connection pipe (2 off)	All	8	STD 500

(A) These nuts and washers also secure the battery carrier to the main frame.

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

Description.	Used on.	Price. Each.	Part Number
OIL PIPE GROUP.			
		£ s. d.	
Feed pipe, main, tank to engine (D)	All	3 6	38-G3-E140
Feed pipe, pump to rocker box (E)	250	2 6	37-G2-E380
Feed pipe, pump to rocker box (E)	G3 and G3C	2 6	37-G3-E380
Feed pipe, pump to rocker box (E)	G80 and G80C	2 6	37-G8-E380
Feed pipe, pump to rockers (E)	G4	2 6	38-G4-E380
Feed pipe, pump to rockers (E)	G90	2 6	38-G9-E380
Feed pipe, rocker box to inlet valve	250	1 6	37-12-E285
Feed pipe, rocker box to inlet valve	G3 and G3C	1 6	37-16-E285
Feed pipe, rocker box to inlet valve	G80 and G80C	1 6	37-8-E285
Return pipe, engine to tank (G)	All	3 6	38-G3-E142
Oil discharge pipe, for release valve (H)	All	1 0	DSE 848-A
Rubber connection, for rocker pipe	All	6	36-G8-E384
Nipple, for rocker pipe, top end	All	3	STD 504
Nipple, for rocker pipe, bottom end	All	3	STD 509
Nipple, for inlet valve pipe (2 off)	All but G4, G90	4	STD 578
Nipple, for oil discharge pipe	All	3	STD 505
Union nut, for rocker pipe, top end	All	4	STD 504-N
Union nut, for rocker pipe, bottom end (F)	All	1 0	36-G8-E385
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)	2 14 6	38-G2-H45-A
Wheel, with all fittings	(A)	4 15 0	36-G2M-H45-A
Wheel, with all fittings	(A)	4 18 0	38-G4-H45-A
Wheel, with all fittings	(A)	4 18 0	38-G4-H45-A
Wheel, with all fittings	(A)	4 19 0	38-G4-H45-A
Wheel, less all fittings	(B)	2 3 0	38-G2-H45
Wheel, less all fittings	(B)	2 8 6	38-G2M-H45
Wheel, less all fittings	(B)	2 10 6	38-G4-H45
Wheel, less all fittings	(B)	2 10 6	38-18T-H45
Wheel, less all fittings	(B)	2 11 6	38-G4-H45
Rim, 19"x21", chrome and black	G2 and G2M	16	38-F-H20
Rim, 19"x21", chrome and black	G3 and G80	16	35-B-H21
Rim, 20"x21", chrome and black	G2M	16	37-22T-H20
Rim, 21"x21", chrome and black	G4 and G90	17	37-22T-H20-R
Spoke, left, 8 1/2"x8g.x10g	G3C and G80C	16	37-18T-H20
Spoke, left, 6 1/2"x9g.x11g	G2M	2	37-G2-H51
Spoke, left, 5 1/2"x8g.x10g	G3 and G80	2	38-26T-H51
Spoke, left, 6 1/2"x9g.x11g	G3C and G80C	2	37-X-H51
Spoke, right, 8 1/2"x8g.x10g	G4 and G90	2	38-14-H51
Spoke, right, 8 1/2"x9g.x11g	G2 and G2M	2	37-G2-H52
Spoke, right, 8 1/2"x9g.x11g	G2MC, G4, G90	2	38-23T-H52
Spoke, right, 9 1/2"x9g.x11g	G3 and G80	2	12599
Nipple, for spoke, right	G3C and G80C	2	38-18T-H51
Nipple, for spoke, right	G2, G2M, G3, G80	1	20680
Nipple, for spoke, right	G2MC, G3C, G4	1	20678
Nipple, for spoke, left	G80C and G90	1	20678
Nipple, for spoke, left	G2 and G2M	1	20680
Hub shell, with brake drum, bare	All but G2, G2M	12	20678
Hub shell, with brake drum, bare	G2MC	1 10	37-G2-H1
Hub shell, with brake drum, bare	350 and 500	1 12	38-2-H19
Grease nipple, for hub shell (angular)	G2 and G2M	3	38-H19
Grease nipple, for hub shell (angular)	All but G2, G2M	6	38-FRH-10-A

(A) Includes all brake parts and bearings, assembled, but does not include: tire, 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.

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Description.	Used on.	Price. Each.	Part Number
FRONT WHEEL BEARING GROUP. TAPER ROLLER BEARING WHEEL.			
Hollow spindle, with roller bearings	... All but G2, G2M	15 0	11908
Felt washer, for bearings	... All but G2, G2M	2	11909
Spring ring, for bearings	... All but G2, G2M	2	11910
Cup, for felt washer	... All but G2, G2M	3	11911
Spacing ring, for felt washer	... All but G2, G2M	2	11912
Retaining ring, for felt washer	... All but G2, G2M	6	11913
Lock nut, for bearing adjusting ring	... All but G2, G2M	1	11914
Adjusting ring, for bearings	... All but G2, G2M	1	11915
Centre solid spindle	... G2MC	2	36-12-H10
Centre solid spindle	... 350 and 500	2	36-8-H10
Distance piece, for solid spindle	... G2MC	3	20870
Distance piece, for solid spindle	... 350 and 500	3	36-8-H26
Nut, left, for solid spindle	... All but G2, G2M	6	12221
Nut, right, for solid spindle	... All but G2, G2M	5	STD 2
Washer, for solid spindle	... All but G2, G2M	1	STD 9

FRONT WHEEL BEARING GROUP. BALL BEARING WHEEL.			
Cup, for hub shell	... G2 and G2M	7*	38-FBH-23
Cone, left side (shallow)	... G2 and G2M	2*	38-FBH-15
Cone, right side (deep)	... G2 and G2M	2*	38-FBH-14
Lock nut, for cone, left side, thin	... G2 and G2M	4*	38-FBH-17
Lock nut, for cone, right side, thick	... G2 and G2M	4*	38-FBH-16
Washer, for cone, left side	... G2 and G2M	2*	38-FBH-18
Balls, for hub bearing	... G2 and G2M	8*	38-FBH-12
Dust cap, for hub shell	... G2 and G2M	2*	38-FBH-11
Axle, for front wheel	... G2 and G2M	2	38-FBH-13
Plain washer, for axle end	... G2 and G2M	1	STD 8
Nut, for axle end, right side	... G2 and G2M	4	10215
Nut, extended type, for axle end, left side	... G2 and G2M	7	297

FRONT BRAKE GROUP.			
Brake drum, bare	... G2MC	10 6	36-12-B115
Brake drum, bare	... 350 and 500	10 6	12389
Screw, fixing drum to shell	... All but G2, G2M	2	STD 140
Cover plate, for brake shoes	... G2 and G2M	5 1*	38-FBH-1-A
Cover plate, for brake shoes	... G2MC	12 0	38-12-B60
Cover plate, for brake shoes	... 350 and 500	12 0	38-8-B60
Distance piece, for cover plate	... G2 and G2M	5*	38-FBH-19
Distance piece, for cover plate	... G2MC	2	20801
Thin packing washer, for cover plate	... G2MC	2	20871
Lock nut, for cover plate	... 350 and 500	1	STD 2
Anchor bolt, for cover plate	... 350 and 500	4	DAR 2862
Spring washer, for anchor bolt	... 350 and 500	1	STD 193
Nut, thick, for anchor bolt	... 350 and 500	2	STD 5
Lock nut, thin, for anchor bolt	... 350 and 500	2	STD 75
Brake shoes, with linings	... G2 and G2M	5 6*	38-FBH-7
Brake shoes, with linings	... G2MC	7 4	20274-1
Brake shoes, with linings	... 350 and 500	0	16297-1
Top brake shoe, only, with lining	... G2MC	3	20274-1-A
Top brake shoe, only, with lining	... 350 and 500	4 6	16297-1-A
Bottom brake shoe, only, with lining	... G2MC	3 8	20274-1-B
Bottom brake shoe, only, with lining	... 350 and 500	4 6	16297-1-B
Brake linings, with rivets	... G2 and G2M	3 0*	38-FBH-8
Brake linings, with rivets	... G2MC	2 6	3836-3
Brake linings, with rivets	... 350 and 500	3 0	3836-2
Rivets, only, for linings	... G2MC	3	STD 105
Rivets, only, for linings	... 350 and 500	3	STD 106
Spring, for brake shoes	... G2 and G2M	3*	38-FBH-9
Spring, for brake shoes	... G2MC	2	20408
Spring, for brake shoes	... 350 and 500	2	16485
Expander, or cam, for brake shoes	... G2 and G2M	2	38-FBH-5
Expander, or cam, for brake shoes	... G2MC	2	36-12-B51
Lever, for brake expander	... G2 and G2M	2	36-12-B51
Lever, for brake expander	... G2MC	2 4*	38-FBH-4
Lever, for brake expander	... 350 and 500	3 0	37-12-B65
Crosshead, for brake expander lever	... G2 and G2M	5*	38-FBH-22
Grease nipple, for brake expander	... G2 and G2M	2*	38-FBH-3-A
Grease nipple, for brake expander	... All but G2, G2M	2	STD 51
Washer, for brake expander	... G2 and G2M	1	38-FBH-4-2
Washer, for brake expander	... All but G2, G2M	1	STD 174
Nut, for brake expander	... G2 and G2M	2*	38-FBH-4-1
Nut, for brake expander	... All but G2, G2M	2	STD 4
Plug screw, for brake cover plate	... G2 and G2M	7*	38-FBH-1-B
Plug screw, for brake cover plate	... All but G2, G2M	10	38-12-B62

(C) Price includes nut and washer.

(D) Only used when no speedometer is fitted.

For brake operating parts, see Handlebar Group and Control Cable Group in the Frame Section.

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

Description.	Used on.	Price. Each.	Part Number
REAR WHEEL GROUP.			
Wheel, with all fittings	... G2 and G2M	4 2 6	37-G2-H31-A
Wheel, with all fittings	... G2MC, G3C, G80C	3 17 0	35-G3C-H31-A
Wheel, with all fittings	... G3 and G80	3 17 0	12331-A
Wheel, with all fittings	... G4 and G90	3 18 0	12331-A-R
Wheel, less all fittings	... G2 and G2M	2 5 6	37-G2-H31
Wheel, less all fittings	... G2MC, G3C, G80C	2 14 0	35-G3C-H31
Wheel, less all fittings	... G3 and G80	2 14 0	12331
Wheel, less all fittings	... G4 and G90	2 15 0	12331-R
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	35-8-H21
Rim, 19"x21", chrome and red	... G4 and G90	17 6	38-8-H21
Rim, 19"x3", chrome and black	... G2MC, G3C, G80C	16 6	38-22T-H21
Spoke, left, 8 1/2"x9g.	... G2 and G2M	2	38-G3C-H51
Spoke, left, 8 1/2"x9g.	... G2MC, G3C, G4	2	38-G3C-H52
Spoke, left, 8 1/2"x9g.	... G80C and G90	2	38-G3C-H52
Spoke, left, 8 1/2"x9g.	... G3 and G80	2	12343
Spoke, right, 8 1/2"x9g.	... G2 and G2M	2	37-G2-H52
Spoke, right, 8 1/2"x9g.	... G2MC, G3C, G4	2	38-G3C-H52
Spoke, right, 8 1/2"x9g.	... G80C and G90	2	38-G3C-H52
Spoke, right, 8 1/2"x9g.	... G3 and G80	2	12345
Nipple, for spoke, left	... G2 and G2M	1	12344
Nipple, for spoke, left	... All but G2, G2M	1	20680
Nipple, for spoke, right	... G2 and G2M	1	20680
Nipple, for spoke, right	... All but G2, G2M	1	12344
Hub shell, with brake drum, bare	... G2 and G2M	14 0*	38-RBH-33
Hub shell, bare	... All but G2, G2M	1 6 3	11903-1
Grease nipple, angular, for hub shell	... G2 and G2M	3*	38-FBH-10-A
Grease nipple, angular, for hub shell	... All but G2, G2M	6	STD 64
Security bolt, 5", for rear tyre	... Comp.	2 10	37-22T-H132

(E) Includes: all bearings, axle washers, axle nuts, all brake parts and sprocket, assembled (does not include tyre).

(F) Includes: all bearings, assembled, but does not include centre solid spindle, axle washers, axle nuts, brake parts, sprocket and tyre.

(G) Includes: rim, spokes and hub shell, assembled.

It should be noted that only on Models G2 and G2M is the brake drum integral with the hub shell.

REAR WHEEL BEARING GROUP. TAPER ROLLER BEARING WHEEL.

Hollow spindle, with roller bearings	... All but G2, G2M	17 6	11905
Felt washer, for bearings	... All but G2, G2M	2	11909
Spring ring, for bearings	... All but G2, G2M	2	11910
Cup, for felt washer	... All but G2, G2M	3	11911
Spacing ring, for felt washer	... All but G2, G2M	2	11912
Retaining ring, for felt washer	... All but G2, G2M	6	11913
Felt retaining ring, large hole	... All but G2, G2M	3	11999
Lock nut, for bearing adjusting ring	... All but G2, G2M	1	11914
Adjusting ring, for bearing	... All but G2, G2M	1	11915
Centre solid spindle	... All but G2, G2M	2	37-8-H4
Distance piece, for spindle (outside)	... All but G2, G2M	3	36-8-H16
Distance piece, for spindle (inside)	... All but G2, G2M	3	10086
Nut, left, for solid spindle	... All but G2, G2M	6	12221
Washer, for solid spindle	... All but G2, G2M	1	STD 9

It should be noted that hollow spindles with roller bearings are only sold complete, as listed. Parts only, such as separate rollers and outer cups, cannot be supplied.

REAR WHEEL BEARING GROUP. BALL BEARING WHEEL.

Cup, for hub shell	... G2 and G2M	7*	38-RBH-45
Cone, left side (shallow)	... G2 and G2M	2*	38-RBH-38
Cone, right side (deep)	... G2 and G2M	2*	38-RBH-37
Lock nut, for cone, left side, thin	... G2 and G2M	4*	38-RBH-40
Lock nut, for cone, right side, thick	... G2 and G2M	4*	38-RBH-39
Washer, for cone, left side	... G2 and G2M	2*	38-RBH-41
Balls, for hub bearing	... G2 and G2M	8*	38-RBH-35
Dust cap, for hub shell	... G2 and G2M	2*	38-RBH-34
Axle, for rear wheel	... G2 and G2M	2	38-RBH-36
Plain washer, for axle end	... G2 and G2M	1	STD 8
Nut, for axle end	... G2 and G2M	4	10215

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

Before ordering Spares
for
MATCHLESS MOTOR CYCLES.
Please note the information on Page 2.

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 (3 off)	... All but G2, G2M	1	STD 45
Driving stud, threaded (3 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	13 0	37-8-B20
Distance piece, for cover plate	... G2 and G2M	5	58-EBH-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	56-12-B7
Anchor bolt, for cover plate	... All but G2, G2M	9	37-8-B7
Washer, for anchor bolt	... G2 and G2M	1	STD 11
Nut, for cover plate anchor bolt	... G2 and G2M	2	STD 4
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 6	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	58-65-2
Rivets, only, for linings, ... per set (16 off)	... All but G2, G2M	3	STD 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 3	56-8-B51
Lever, for brake expander	... G2 and G2M	2 4	38-RBH-27
Lever, for brake expander	... All but G2, G2M	2	38-G3-B30
Grease nipple, for brake expander	... G2 and G2M	2	38-PHF-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 C90	7 6	37-G8-B1
Bush, for foot pedal	... All	6	37-G3-B3
Grease nipple, angular, for foot pedal	... All	6	STD 54
Spindle, for foot pedal	... All	9	37-G3-B2
Plain washer, for pedal spindle	... All	1	STD 9
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 C90	3 0	37-G3-B5
Brake rod, bare	... Comp.	1 6	38-X-85
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 735
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 C90	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	... All but G2, G2M	1	STD 14
Crosshead, for expander lever	... G2 and G2M	5	38-RBH-44
Knurled adjusting nut, for brake rod	... G2 and G2M	7	38-RBH-43
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	37-12-E307
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
Cam, for contact breaker	... G2	2	6
Screw, fixing contact breaker cam	... G2	3	11-M
Washer, for contact breaker cam screw	... G2	1	12-M
Contact breaker base, with points	... G2	7 6	12-A-M
Screw, fixing contact breaker base ... (A)	... G2	2	10-M
Rocking arm, with contact point	... G2	3	19-M
Screw, contact point with lock nut	... G2	2	13-M
		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	M-2648-1
Contact breaker, complete	... All but G2	9	MLCB-1
Contact breaker point set	... All but G2	2	484-098
Platform, for magneto (B)	... All but G2	4	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	20863
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	STD 790
Strap, clamping dynamo	... All but G2	1	FE 76
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	36-12-T60-A
Bracket, for control unit	... All but G2	1	37-G3-T60-A
Bolt, fixing unit to bracket (2 off)	... G2	1	STD 450
Bolt, fixing unit to bracket (2 off)	... All but G2	2	STD 70
Washer, for unit fixing bolt (2 off)	... G2	1	STD 190
Nut, for unit fixing bolt (2 off)	... All but G2	1	STD 12
Nut, for unit fixing bolt (2 off)	... G2	1	STD 80
Bolt, fixing bracket to oil tank (2 off)	... All but G2	2	STD 5
Washer, for bracket fixing bolt (2 off)	... All	2	STD 70
		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*	PUW-7E
Lid, only, for Exide battery ...	... G2	2 0*	188
Lid, only, for Lucas Battery ...	... All but G2	1 2	S-2171-1-B

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	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.

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 (H) ...	... 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 0*	80-E-102
Glass, only ...	... All but G2	2 6*	NC-305-37
Main bulb, 6 volt, 24x24 watts ...	... All	3 0*	70
Pilot bulb, 6 volt, 3 watts ...	... All	1 3*	200
Lamp stay, or bracket, top (2 off) ...	... G2 and G2M	6	DDF 74
Lamp stay, or bracket, top (2 off) ...	... All but G2, G2M	6	DDF 73
Lamp stay, or bracket, bottom (2 off) ...	... G2 and G2M	6	FFF 73
Lamp stay, or bracket, bottom (2 off) ...	... All but G2, G2M	6	35-G3-FF73
Bolt, fixing stay to fork (4 off) ...	... G2 and G2M	3	STD 70
Bolt, fixing stay to fork (4 off) ...	... All but G2, G2M	2	STD 360
Washer, for stay fixing bolt (4 off) ...	... All but G2, G2M	1	STD 192

(H) Price does not include glass.

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 0*	121
Portion of lamp with glass ...	... All but G2	1 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	121-A
Screw, fixing lamp to number plate (L) ...	... All but G2	1	LL-47
Nut, for lamp fixing screw ...	... All but G2	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.

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	7 6	BM4-L-15
Ammeter, complete (in panel) ...	... All but G2	6 0*	H-14
Spark plug (Lodge, Type H 14) ...	... All	6	38-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 0*	M-58
Plug connector, for rear lamp cable ...	... G2	1	0*
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.

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

ACCESSORY SECTION.

Description.	Used on.	Price. Each.	Part Number
INSTRUMENT PANEL GROUP.			
Panel, bare ...	... G2	£ s. d.	
Panel, bare ...	... G2M, G2MC, G3	6 0	20864
Panel, bare ...	... G3C, G80, G80C	6 0	17372
Panel, bare ...	... G4 and G90	6 0	17372
Screw, securing panel to tank (3 off) ...	... All	7 0	17372-R
Rubber fillet, for panel ...	... All	3	STD 481
Cap, covering clock aperture ...	... All	9	4286
	... All	1 0	20869-A

SPEEDOMETER GROUP.

Complete speedometer, non-trip, miles (A) ...	... All	2 5	0*... SCNT-1
Complete speedometer, non-trip, miles (A) ...	... All	2 5	0*... SCNT-2
Complete speedometer, trip, miles (A) ...	... All	2 10	0*... SCT-1
Complete speedometer, trip, miles (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 miles ...	... All	1 5	0*... S-112-L
Head, only, trip, 80 miles ...	... All	1 5	0*... S-115-L
Head, only, trip, 140 miles ...	... 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 362
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) ...	... G30	12 6*	34159-1
Gear Box, complete (less pinion) (B) ...	... G2 and G2M	12 6*	25384
Lock nut, for gear box ...	... All	8	25200
Pinion, on gear box, 14 teeth ...	... All	3	6* 50216
Pinion, on hub, 43 teeth ...	... All but G2, G2M	7 6*	50215
Pinion, on hub, 43 teeth ...	... G2 and G2M	7 6*	36497
Spring ring, locating hub pinion ...	... All but G2, G2M	2	38-12-EQ64
Electric bulb, for head (C) ...	... All	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.

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
Top clip, 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	2	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 inflator	... All	3	38-G3-EQ2
Spanner, for adjusting tappets	... All	9	CPK 9
Spanner, double end, $\frac{5}{16}$ " x $\frac{3}{8}$ "	... All	10	3263
Spanner, double end, $\frac{1}{2}$ " x $\frac{3}{8}$ "	... All	1 3	3262
Spanner, double end, $\frac{3}{4}$ " x $\frac{1}{2}$ "	... 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 but G2, G2M	6	RTK 1
Spanner, for hub lock nut	... All	1 9	11717
Spanner, for hub cones	... G2 and G2M	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	... All	5 9*	B-G-G
Chain rivet extractor	... All	5 6*	L-C 25
Valve grinding tommy	... All but G4, G90	6	3282
Valve grinding tool	... G4, G90	3 6*	38-G4-TK9-A
Valve spring compressor	... 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.

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