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1962
A.M.C.
(A.J.S. — MATCHLESS)
MOTOR CYCLES

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EQUIPMENT SPECIFICATIONS AND PAGE INDEX



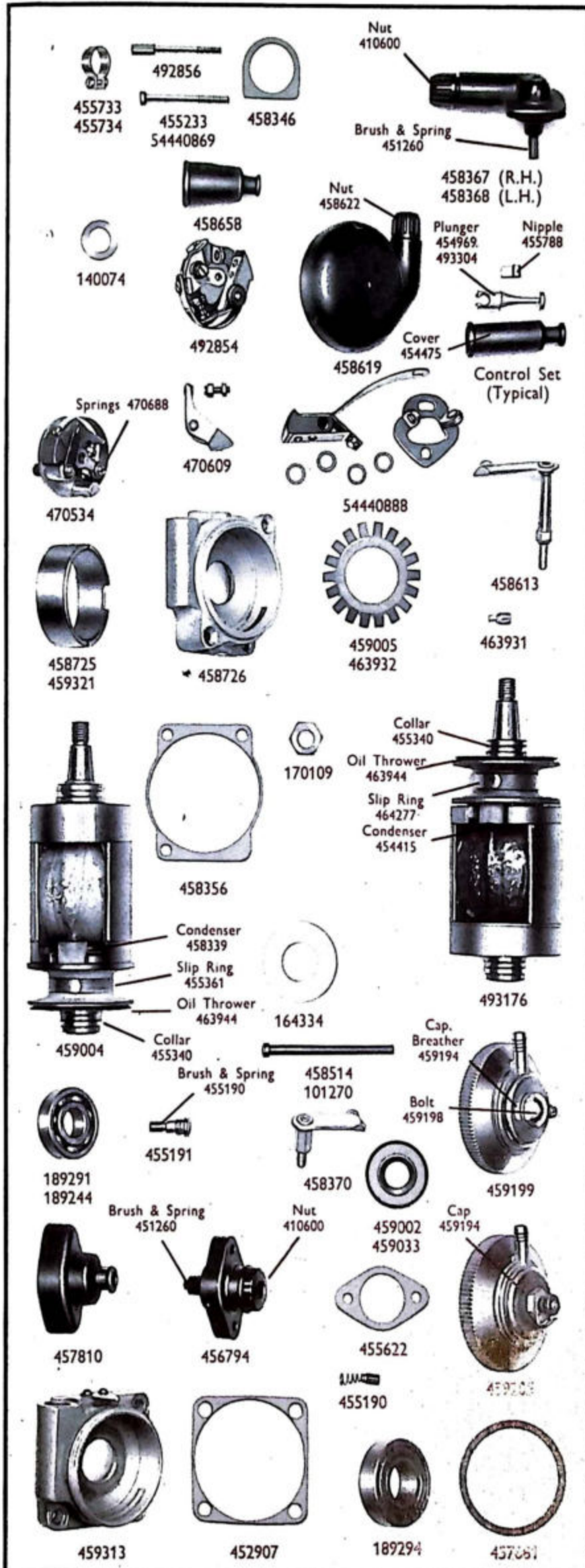
EQUIPMENT SPECIFICATIONS AND PAGE INDEX

UNIT	See page	Single Cylinder Models A.J.S. 250 c.c. "14" "Sapphire" and "14S" "Sapphire Sports" "14CS" "Scorpion" and 350 c.c. "8" "Senator" Matchless 250 c.c. "G2" "Monitor", "G2CS" "Messenger", "G2S" "Monitor Sports" and 350 c.c. "G5" "Matador", "G2" 250 c.c. O.H.V. ("Pathfinder" U.S.A.) "G2CS" 250 c.c. O.H.V. ("Arrow" U.S.A.)		Single Cylinder Models Competition A.J.S. 350 c.c. "16C" "Experts" Matchless 350 c.c. "G3C" "Maestro"		Single Cylinder Models A.J.S. 350 c.c. "16" "Sceptre" and "16S" "Sceptre Sports" 500 c.c. "18" "Statesman" Matchless 350 c.c. "G3" "Mercury" and "G3S" "Mercury Sports" 500 c.c. "G80" "Major"		Single Cylinder Models Competition A.J.S. 500 c.c. "18GS" "Southerner" Matchless 500 c.c. "G80CS" "Marksman"		Twin Cylinder Models Competition A.J.S. 650 c.c. "31CS" and "31CSR" "Hurricane" Matchless 650 c.c. "G12CS" and "G12CSR" "Monarch"		Twin Cylinder Models A.J.S. 650 c.c. "31" "Swift" Matchless 650 c.c. "G12" "Majestic"	
		Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR	7	—	—	—	—	RM15	†047534	RM15	†54021018	RM15	†54021018	RM15	†047534
Stator	7	—	—	—	—	—	47122A	—	47154A	—	47154A	—	47122
Rotor	7	—	—	—	—	—	423506	—	423506	—	423506	—	423506
ALTERNATOR (optional)	7	—	—	—	—	—	—	—	—	—	—	RM15	†54021018
Stator	7	—	—	—	—	—	—	—	—	—	—	—	47154A
Rotor	7	—	—	—	—	—	—	—	—	—	—	—	423506
AMMETER	6	—	—	CZU27	36084F	CZU27	36084F	CZU27	36084F	CZU27	36084F	CZU27	36084F
BATTERY	6	—	—	—	—	—	—	—	—	—	—	—	—
CABLE HARNESS	—	PUZ7E-11	—	PUZ7E-11	—	PUZ7E-11	—	MLZ9E	—	PUZ7E-11	—	PUZ7E-11	—
(G12CS-31CS- G12CSR-31CSR- and U.S.A.)	—	—	—	—	—	—	—	—	—	—	—	—	—
CABLE HARNESS (later)	—	—	—	—	—	—	—	—	—	—	—	—	—
(when optional equipment is fitted)	—	—	—	—	—	—	—	—	—	—	—	—	—
CONTROL BOX	6	—	—	RB108	37232J/K	—	—	—	—	—	—	—	54949911
COIL, IGNITION	7	—	—	—	—	MA6	45077E	—	—	—	—	MA6	45077E
DISTRIBUTOR	7	—	—	—	—	—	—	—	—	—	—	18D2	40589D
GENERATOR	7	—	—	E3N	20038B	—	—	—	—	—	—	—	—
HORN	6	8H	70163A	8H	70163A	8H	70163A	8H	70163A	8H	70163A	8H	70163A
CONTACT BREAKER, 350 c.c....	7	—	—	—	—	CA1A	47595A	—	—	—	—	—	—
500 c.c....	7	—	—	—	—	CA1A	47579H	—	—	—	—	—	—
HORN PUSH AND DIPPER SWITCH	6	—	—	25SA	31563D	25SA	31563D	25SA	31563D	25SA	31563D	25SA	31563D
LAMPS													
Head													
Home and Export	4 & 5	—	—	SSU700P	58224D	MCH61	58409A	SS700P	58829A	SS700P	58829A	MCH61	58432A
" " " (later)	4	—	—	—	—	MCH61	58702A	—	—	—	—	MCH61	58702A
" " " (when mag- neto fitted)	4	—	—	—	—	—	—	—	—	—	—	MCH61	58704A
Home and Export, G12CSR and 31CSR	4	—	—	—	—	—	—	—	—	MCH61	58704A	—	—
Home and Export, G12CSR and 31CSR (optional)	4	—	—	—	—	—	—	—	—	—	—	—	—
Export, Europe not France	4	—	—	—	—	MCH61	58514A	—	—	—	—	MCH61	58516A
" " " (later)	4	—	—	—	—	MCH61	58832A	—	—	—	—	MCH61	58832A
Export France	4	—	—	—	—	MCH61E/F	58515A	—	—	MCH61E/F	58831A	MCH61E/F	58517A
" " " (later)	4	—	—	—	—	MCH61E/F	58833A	—	—	—	—	MCH61E/F	58833A
Export U.S.A.	5	—	—	—	—	—	—	—	—	—	—	—	—
Stop, tail and number plate	5	—	—	529	53429A	564	53432B	529	53429A	529	53429A	564	53432B
MAGNETO	3	—	—	NC1	*42347D/E (42371)	—	—	NC1	*42347D/E (42371)	K2F	*42264D (42380)	K2F	*†42264D (42380)
(U.S.A. only)	3	—	—	NC1	42371B	—	—	—	—	—	—	—	—
RECTIFIER	7	—	—	—	—	FSX1849	47132B	FSX1849	47132B	FSX1849	47132B	FSX1849	47132B
REFLEX REFLECTOR (when fitted)	6	—	—	RER25	57116A	—	—	RER25	57116A	RER25	57116A	—	—
SWITCHES													
Cut-out	6	—	—	—	—	—	—	—	—	4A	76204D	4A	††76204D
Lighting	6	—	—	41SA	*31754B (31763)	63SA	54033109	41SA	31784D	41SA	†31784D	63SA	54033028
" (later)	6	—	—	—	—	88SA	34289A	—	—	88SA	34289A	88SA	34289A
Knob (supplied separately)	6	—	—	—	—	—	54330934	—	—	—	54330934	—	54330934
Ignition	6	—	—	—	—	63SA	54033027	—	—	—	—	63SA	54033056
" (later)	6	—	—	—	—	88SA	34287A	—	—	—	—	88SA	34287A
Knob (supplied separately)	6	—	—	—	—	—	54332498	—	—	—	—	—	54332498
Stop lamp	6	—	—	22B	31384B	22B	31384B	22B	31384B	22B	31384B	22B	31384B
Spring	6	—	—	—	315543	—	315543	—	315543	—	315543	—	315543

†For reference only, service by Rotor and Stator ††When fitted †Sports and Tourer
*When ordering, quote number shown in brackets



MAGNETOS

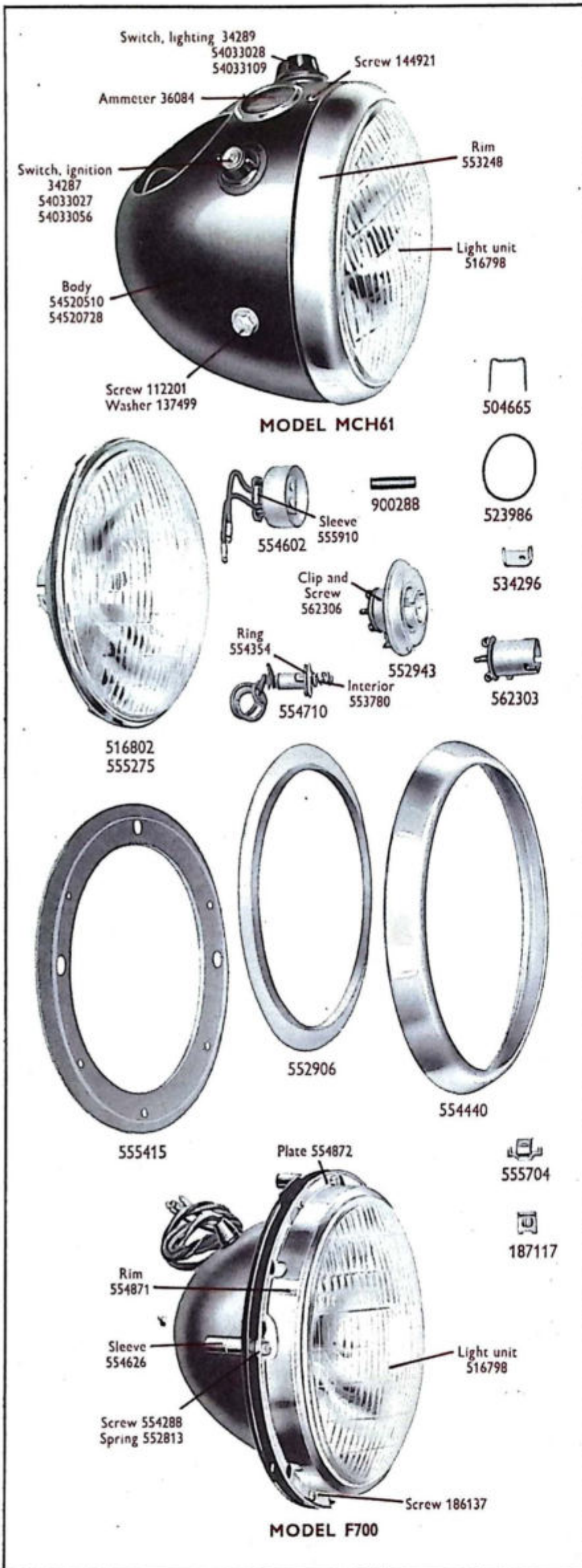


Part No. ... Model ...	42264D K2F	42371B NC1
Detailed Parts		
Clip, fixing pick-up cover ...	455734	455733
Cover, pick-up (rubber) ...	458658	457810
§Pick-up ...	—	456794
§Pick-up, right hand ...	458367	—
§Pick-up, left hand ...	458368	—
§ Brush and spring ...	451260	451260
§ Nut, moulded, high tension cable ...	410600	410600
§ Washer, seating pick-up ...	458346	455622
§ Pin and spring, securing contact breaker cover ...	458613	—
§Cover, contact breaker ...	458619	459205
§Ring, sealing, contact breaker cover (rubber) ...	—	457681
§Screw, drain plug ...	—	135444
§Cap, breather or baffle ...	—	459194
§Nut, terminal, securing cut-out cable ...	458622	—
§Screw, fixing contact breaker ...	492856	54440869
§Contact breaker ...	492854	492854
§ Contact set ...	54440888	54440888
§ Ring, retaining lever ...	154660	154660
§ Washer, insulating ring ...	161673	161673
§Screw, fixing spring bracket ...	100614	100614
§Washer, insulating bracket screw ...	161681	161681
§Bush, insulating spring bracket ...	492853	492853
§Bracket, spring supporting ...	493202	493202
§Control parts, set, advance and retard ...	463107	459305
§Spring, control ...	454472	454472
§Cover, rubber ...	454475	454475
§Clip, cap securing ...	—	455734
§Washer, barrel seating ...	—	164724
§Plunger ...	454969	493304
§Nipple ...	455788	455788
§Screw, adjusting ...	111591	111591
§Nut, screw adjusting ...	170124	170124
§Plate, housing contact breaker ...	458726	459313
§ Cup, insulating breaker ...	451379	463932
§Shim, .005" packing contact breaker housing ...	458356	452907
§Screw, cam fixing ...	463931	463931
§Pin, cam timing screw ...	186060	186060
§Cam ...	458725	459321
§Nut, securing gear or sprocket ...	170109	170109
§Washer, gear securing nut ...	140074	140074
§Armature ...	459004	493176
§ Slip ring ...	455361	464277
§ Bolt, through fixing ...	458514	101270
§ Condenser ...	458339	454415
§ Thrower, oil ...	463944	463944
§ Collar, spacing drive end ...	455340	455340
§ Collar, retaining bearing ...	—	—
§Bearing, contact breaker end ...	189291	189294
§Bearing, drive end ...	189244	189294
§ Pin and spring, securing pick-up ...	458370	—
§ Seal, oil bearing ...	459002	459033
§ Cup, insulating drive end bearing ...	459005	463932
§ Brush, spring, holder, earthing ...	455191	455191
§ Brush and spring, earthing ...	455190	455190
§ Sundry parts, set ...	458675	454697

Part No. ... Model ...	42347D NC1	42347E NC1
Detailed Parts		
Clip, fixing pick-up cover ...	455733	455733
Cover, pick-up (rubber) ...	457810	457810
§Pick-up ...	456794	456794
§ Brush, spring ...	451260	451260
§ Nut, moulded high tension cable ...	410600	410600
§ Washer, seating pick-up ...	455622	455622
§Cover, contact breaker ...	459199	459199
§Ring, seating contact breaker cover (rubber) ...	457681	457681
§Screw, drain plug ...	135444	135444
§Bolt, securing, breather cap ...	459198	459198
§Cap, breather or baffle ...	459194	459194
§Screw, fixing contact breaker ...	455233	54440869
§Contact breaker ...	470534	492854
§ Contact set ...	470609	54440888
§ Ring, retaining lever ...	—	154660
§ Washer, insulating ring ...	—	161673
§Screw, fixing spring bracket ...	—	100614
§Washer, insulating bracket screw ...	—	161681
§Bush, insulating spring bracket ...	—	492853
§Bracket, supporting springs ...	—	493202
§Brush, insulating, centre contact breaker ...	470555	—
§Brush, insulating, contact screw block ...	470684	—
§ Springs, set, actuating ...	470688	—
§ Brush and spring, earthing ...	470537	—
§Control parts set, advance and retard ...	459305	459305
§Spring ...	454472	454472
§Cap, rubber ...	454475	454475
§Clip, securing cap ...	455734	455734
§Washer, seating barrel ...	164724	164724
§Plunger ...	493304	493304
§Nipple ...	455788	455788
§Screw, adjusting ...	111591	111591
§Nut, adjusting screw ...	170124	170124
§Plate, housing contact breaker ...	459313	459313
§ Cup, insulating bearing ...	463932	463932
§ Shim, .005" packing contact breaker housing ...	452907	452907
§Screw, fixing cam ...	463931	463931
§Pin, cam timing screw ...	186060	186060
§Cam ...	459321	459321
§Nut, securing gear to shaft ...	170109	170109
§Washer, gear securing nut ...	140074	140074
§Armature ...	493176	493176
§ Slip ring ...	464277	464277
§ Bolt, through fixing ...	101270	101270
§ Condenser ...	454415	454415
§ Thrower, oil ...	463944	463944
§ Collar, spacing drive end ...	455340	455340
§Bearing, contact breaker end ...	189294	189294
§Bearing, drive end ...	189294	189294
§ Seal, oil bearing ...	459033	459033
§ Cup, insulating drive end bearing ...	463932	463932
§ Brush, spring and holder, earthing ...	455191	455191
§ Brush and spring, earthing ...	455190	455190
§ Sundry parts, set ...	454697	454697

§Recommended spares for stock

HEADLAMPS



Home and Export, Vertical Dip

Part No. Model	58409A MCH61	58432A MCH61	58702A MCH61	58704A MCH61
Detailed Parts				
§Light unit	516798	516798	516798	516798
§Bulbholder, main	554602	554602	554602	554602
§ Sleeve terminal	555910	555910	555910	555910
§Bulb, main	312	312	312	312

Export, Europe except France

Part No. Model	58514A MCH61	58516A MCH61	58832A MCH61	58830A MCH61
Detailed Parts				
§Light unit	555275	555275	555275	555275
§Bulbholder, main	554602	554602	554602	554602
§ Sleeve terminal	555910	555910	555910	555910
§Bulb, main	403	403	403	403

Export, France

Part No. Model	58515A MCH61E/F	58517A MCH61E/F	58833A MCH61E/F	58831A MCH61E/F
Detailed Parts				
§Light unit	516802	516802	516802	516802
§Backshell	552943	552943	552943	552943
§ Bulbholder	562303	562303	562303	562303
§ Clip and screw, bulbholder	562306	562306	562306	562306
§Sleeve, terminal	555910	555910	555910	555910

Parts shown below are standard to lamps in appropriate column

§Rim or door	553248	553248	553248	553248
§ Wire, light unit fixing	504665	504665	504665	504665
§Screw, rim fixing	144921	144921	144921	144921
§Plate, rim fixing screw	534296	534296	534296	534296
§Ammeter (see page 6 for details)	36084	36084	36084	36084
§Switch, lighting (see page 6 for details)	54033109	54033028	34289	34289
§Knob	54330934	54330934	54330934	54330934
§ Screw, knob fixing	319333	319333	319333	319333
§ Washer, dished, fixing screw	332529	332529	332529	332529
§Switch, ignition (see page 6 for details)	54033027	54033056	34287	—
§Knob	54332498	54332498	54332498	—
§ Screw, knob fixing	319333	319333	319333	—
§ Washer, dished fixing screw	332529	332529	332529	—
§Bulbholder, pilot	554710	554710	554710	554710
§ Interior, pilot	553780	553780	553780	553780
§Bulb, pilot	988	988	988	988
§Ring, bulbholder seating pilot	554354	554354	554354	554354
§Washer, cable grip	516285	516285	516285	516285
§Screw, lamp fixing	112201	112201	112201	112201
§Washer, screw fixing	137499	137499	137499	137499
§Body	54520510	54520510	54520510	54520728

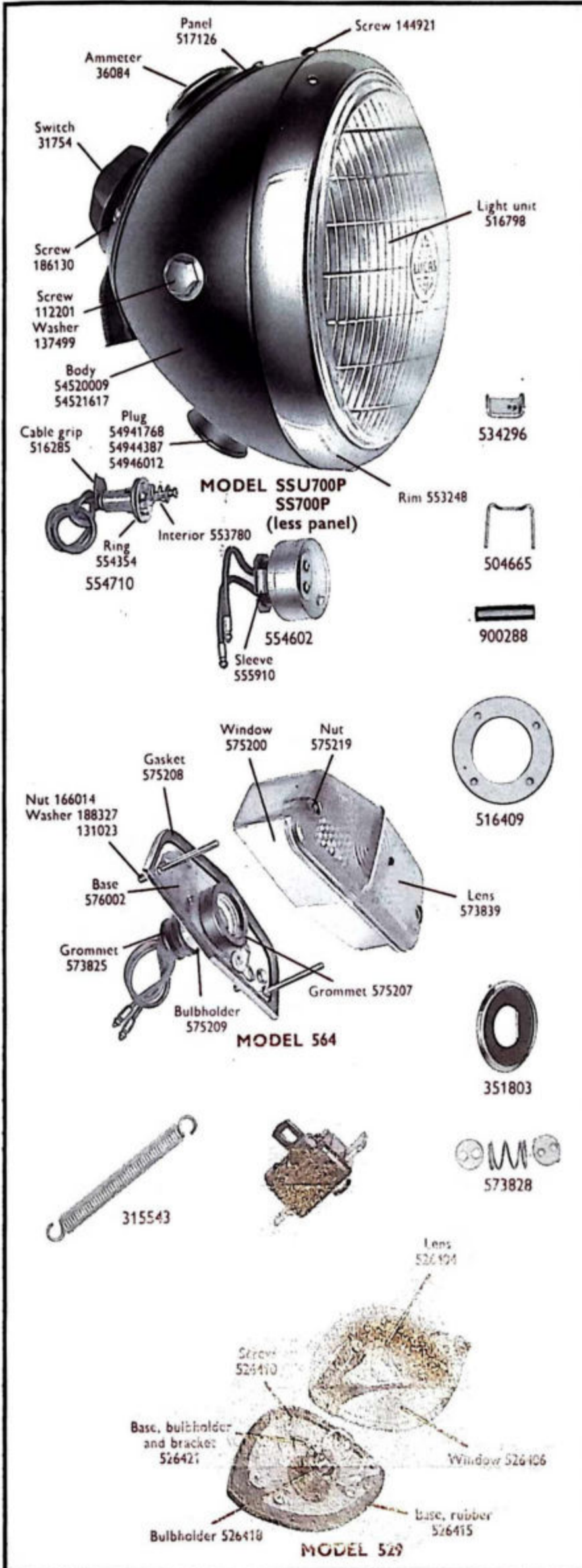
Home and Export, Vertical Dip

Part No. Model	58258B F700P
Detailed Parts	
§Rim or door	554440
§ Screw, rim fixing	198898
§ Washer, screw retaining	161385
§Nuc, rim fixing screw	187117
§Bracket, rim fixing	555704
§Excluder, dust	552906
§Plate, light unit retaining	554872
§ Screw, unit fixing	186137
§ Rim, unit seating	554871
§Light unit	516798
§Bulbholder	554602
§ Sleeve, terminal	555910
§Bulbholder, pilot	554710
§ Interior, pilot bulbholder	553780
§ Ring, bulbholder seating	554354
§Bulb, main	312
§Bulb, pilot	988
§Gasket, rubber	555415
§Spring, trimmer	552813
§Sleeve, sealing	554626
§Screw, trimmer	554288

§Recommended spares for stock



HEADLAMPS (Continued)



Part No. ... Model ...	58224D SSU700P	58556A SS700P	58829A SS700P
Detailed Parts			
§Panel ...	517126	—	—
§ Screw, panel fixing ...	186130	—	—
§ Ammeter (see page 6 for details) ...	36084	36084	—
§ Switch, lighting (see page 6 for details) ...	31754	—	—
§ Plate, escutcheon ...	351803	—	—
§ Rim or door ...	553248	993248	553248
§ Wire, rim and light unit fixing ...	504665	504665	504665
§ Screw, rim fixing ...	144921	144921	144921
§ Plate, rim fixing ...	534296	534296	534296
§ Light unit ...	516798	516798	516798
§ Bulbholder, main ...	554602	554602	554602
§ Sleeve, terminal ...	555910	555910	555910
§ Bulbholder, pilot ...	554710	554710	554710
§ Interior, pilot bulbholder ...	553780	553780	553780
§ Ring, seating pilot bulbholder ...	554354	554354	554354
§ Washer, cable grip ...	516285	516285	—
§ Screw, lamp fixing ...	112201	112201	112201
§ Washer, lamp fixing screw ...	137499	137499	137499
§ Grommet, cable ...	—	199002	199002
§ Screw, cable clip ...	186157	—	—
§ Connector, single ...	900288	—	900288
§ Plug and cable ...	54941768	54944387	54946012
§ Screw, plug fixing ...	133303	133303	133303
§ Nut, plug fixing screw ...	166103	166103	166103
§ Washer, plug fixing screw ...	188412	188412	188412
§ Ring, plug retaining ...	516409	516409	516409
§ Washer, cable grip ...	—	—	516285
§ Nipple, cable ...	—	—	900269
§ Body ...	54520009	—	54521617
§ Bulb, main ...	312	312	312
§ Bulb, pilot ...	988	988	988

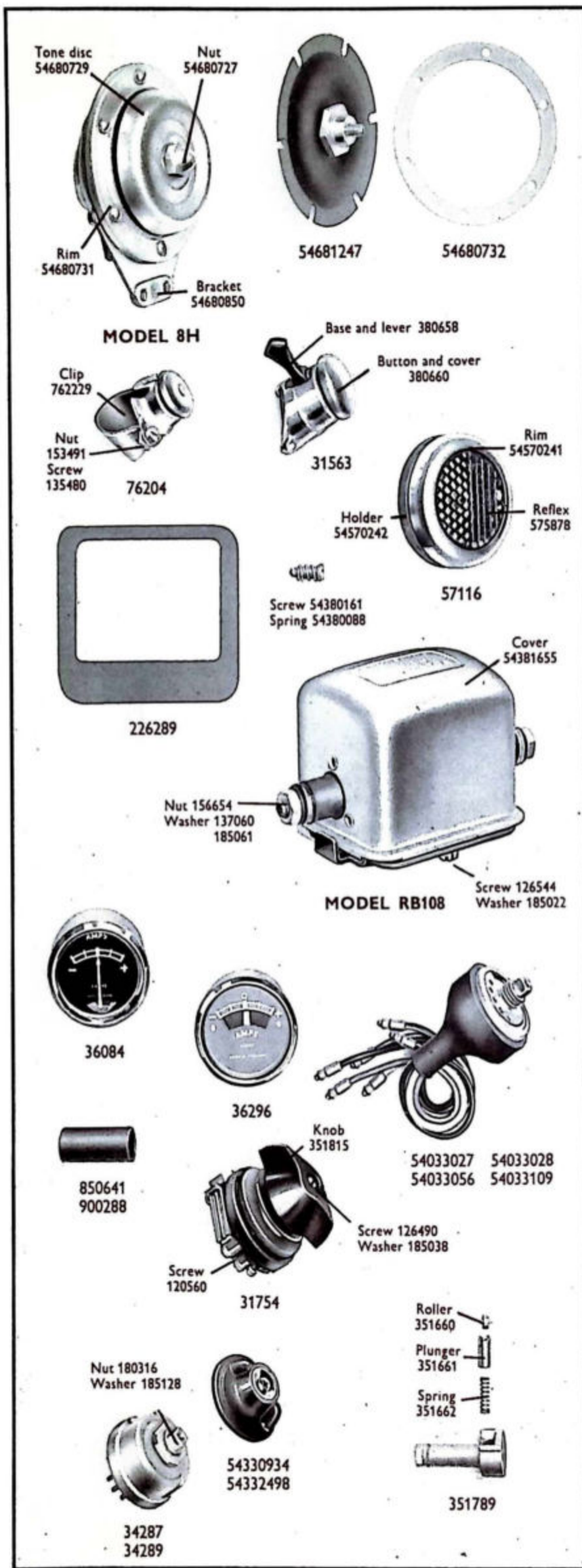
STOP TAIL, REFLEX & NUMBER PLATE

Part No. ... Model ...	53432B 564
Detailed Parts	
§ Lens ...	573839
§ Window ...	575200
§ Nut, lens fixing ...	575219
§ Gasket, lens seating ...	575208
§ Base ...	576002
§ Grommet, bulbholder ...	575207
§ Shell, bulbholder ...	575209
§ Interior, bulbholder ...	573828
§ Grommet, cable ...	573825
§ Nut, lamp fixing ...	166014
§ Washer, shakeproof ...	188327
§ Washer, spacer fixing bolt ...	131023
§ Bulb ...	384

STOP TAIL & NUMBER PLATE

Part No. ... Model ...	53429A 529
Detailed Parts	
§ Lens ...	526404
§ Window ...	526406
§ Screw, lens fixing ...	133551
§ Washer, screw retaining ...	161020
§ Base, with bulbholder and bracket ...	526421
§ Bulbholder ...	526418
§ Interior, bulbholder ...	573828
§ Base, rubber ...	526415
§ Screw, base fixing ...	526410
§ Nut, base fixing screw ...	166103
§ Washer, base, fixing screw ...	188412
§ Bulb ...	384

§Recommended spares for stock



REFLEX REFLECTOR

Part No.	57116A
Model	RER25
Detailed Parts	
§Rim, reflex	54570241
Reflector, reflex	575878
Holder, reflex	54570242
Screw, unit fixing	198877
Washer, reflector seating	135120

HORN

Part No.	70163A
Model	8H
Detailed Parts	
§Bracket	54680850
Nut, tone disc	54680727
Tone, disc	54680729
Washer, diaphragm packing	54680732
Diaphragm and armature	54681247
Rim	54680731
§Sundry parts set	54681085

CUT-OUT SWITCH

Part No.	76204D
Model	4A
Detailed Parts	
§Screw, terminal	119520
Clip, fixing	762229
§Screw, fixing	135480
§Nut, fixing	153491

HORN PUSH AND DIPPER SWITCH

Part No.	31563D
Model	255A
Detailed Parts	
Button and cover	380660
Base and lever	380658
§Screw, terminal	120610

CONTROL BOX

Part No.	37232J/K
Model	RB108
Detailed Parts	
§Cover	54381655
Gasket, cover	226289
Washer, plain	137060
Washer, spring	185061
Nut, fixing	156654
§Contact set, cut-out	335767
§Contact set, regulator	226339
Screw, adjusting	54380161
Spring, screw adjusting	54380088
Bracket, clamping, terminal	336454
Screw, plate fixing	126544
Washer, plate fixing screw	185022

AMMETER

Part No.	36084F	36296A
Model	CZU27	2AR
Detailed Parts		
§Ring, ammeter sealing	523986	—
§Nut, terminal	166043	166043
§Washer, terminal	185022	185040

IGNITION AND LIGHTING SWITCHES

Part No.	31754B	31784D	54033028	54033109
Model	415A	415A	415A	635A
Detailed Parts				
§Knob	351815	351815	—	—
Screw, knob fixing	126490	127301	—	—
§ Washer, knob fixing screw	185038	185038	—	—
Nut, fixing	173777	173777	—	—
Washer, nut fixing	188303	188303	—	—
§Screw, terminal	120560	120560	—	—
Shaft, headpiece	351789	54330517	—	—
Roller	351660	351660	—	—
Plunger	351661	351661	—	—
Spring	351662	351662	—	—
§Connector	—	—	900269	900269
§Connector tube, single	—	—	900288	900288
Cover, rubber	—	—	332521	332521
§Connector, tube, double	—	—	850641	—
Lever, contact	—	351528	—	—

Part No.	34287A	34289A	54033027	54033056
Model	885A	885A	635A	635A
Detailed Parts				
Nut, fixing	180316	180316	—	—
Washer, nut fixing	165128	185128	—	—
§Connector	—	—	900269	900269
§Connector, tube, single	—	—	900288	900288
§Connector, tube, double	—	—	850641	—
Cover, rubber	—	—	332521	332521

§Recommended spares for stock

ALTERNATOR

Part No. ... Model ...	047534 RM15	54021018 RM15
Detailed Parts		
Rotor ...	423506	423506
§Stator ...	47122A	47154A
Clip, cable ...	54211509	54211509
Washer, cable clip ...	131023	131023
†Rectifier ...	47132B	47132B

CONTACT BREAKER UNITS

Part No. ... Model ...	47579H CA1A	47595A CA1A
Detailed Parts		
Felt, lubricator ...	425251	425251
Support, lubricator felt ...	425833	425833
Screw, contact breaker plate, fixing ...	126504	126504
Washer, spring, screw fixing ...	185022	185040
Plate, assembly contact breaker ...	465958	465958
Nut, terminal ...	166094	166094
Washer, plain, terminal ...	131023	131023
Washer, insul, terminal ...	161353	161353
§Contact set ...	420196	420196
Bush, insulating ...	419950	419950
§Condenser assembly ...	54413002	54413002
§Cam assembly ...	465939	465939
§Spring, set, auto advance ...	416136/S	425298/S
§Toggle ...	407131	407131
§Weight assembly ...	415729	415729
§Sleeve and action plate assembly ...	425733	54414514

DISTRIBUTOR

Part No. ... Model ...	40589D 18D2
Detailed Parts	
§Plate, clamping ...	420151
Screw, plate clamping ...	415087
§Cover, moulded ...	425049
§Brush and spring ...	404435
§Grommet, rubber ...	421554
§Clip, cable contact ...	421863
§Rotor arm ...	423486
Terminal, contact breaker ...	123154
§Bush, insulating, contact breaker terminal ...	423110
Connector, terminal to condenser ...	423108
Bush, insulating condenser connector ...	423109
§Condenser ...	54410823
Cover, rubber, condenser ...	421569
§Contact set ...	425219
§Plate, contact breaker case ...	423113
§Cam ...	425284
§Springs (set of 2), automatic advance... ..	54412732
§Weight, automatic advance ...	421056
§Shaft and action plate ...	425444
Ring, rubber sealing ...	188639
§Clip, cover retaining ...	424158
§Bushing, bearing ...	425498
§Seal, oil bearing ...	188643
§Sundry parts set ...	425243

COIL, IGNITION

Part No. ... Model ...	45077E MA6
Detailed Parts	
§Grommet, rubber ...	421554
§Clip, cable contact ...	421863
Nut, switch and contact breaker terminals ...	166043
Washer, shakeproof, terminal ...	188330
Washer, plain, terminal ...	131023

GENERATORS

Part No. ... Model ...	20038B E3N
Detailed Parts	
§Brushes, set ...	200737
§Bracket or frame assembly, commutator end ...	200713
§Bearing, commutator end ...	189210
Washer, felt, bearing ...	200708
Cup, felt bearing washer ...	200709
§Insulating plate (complete with brush boxes, etc.) ...	200911
§Springs, set, brush tension ...	220197
Ring, sealing, rubber ...	369201
§Cover, commutator end ...	200924
Grommet, cable ...	200695
Plate, clamping, terminal ...	200908
§Bearing, drive end ...	189307
§Bracket or frame assembly, drive end ...	200805
Plate, bearing ...	200799
Nut, bearing retaining ...	200800
§Armature ...	200802
§Coils, field set ...	200188
§Bolt, through fixing ...	200227
§Sundry parts set ...	200806

§Recommended spares for stock

†Supplied separately

