

LUCAS

Quality

EQUIPMENT

&

SPARE PARTS



1958

A.M.C.

(A.J.S. — MATCHLESS)

MOTOR CYCLES

A.J.S. 350 c.c. '16MS'; 500 c.c. '18S'; Matchless 350 c.c. 'G3LS' and 500 c.c. 'G80' (Single cylinder)
A.J.S. 500 c.c. '20'; 600 c.c. '30'; Matchless 500 c.c. 'G9' and 600 c.c. 'G11' (Twin cylinder)
A.J.S. 350 c.c. '16MCS'; 500 c.c. '18CS' & '18CT'; Matchless 350 c.c. 'G3LCS' & 500 c.c. 'G80CS' (Competition)

JOSEPH LUCAS (SALES & SERVICE) LTD • BIRMINGHAM 18 • ENGLAND



EQUIPMENT SPECIFICATIONS AND PAGE INDEX

UNIT	For details and illustrations see page	Single Cylinder Models		Twin Cylinder Standard and "Sports" (U.S.A. only) Models		Competition Models	
		A.J.S. 350 c.c. "16MS" and 500 c.c. "18S" Matchless 350 c.c. "G3LS" and 500 c.c. "G80S"		A.J.S. 500 c.c. "20" and 600 c.c. "30" Matchless 500 c.c. "G9" and 600 c.c. "G11"		A.J.S. 350 c.c. "16MCS" 500 c.c. "18CS" and "18CT" Matchless 350 c.c. "G3LCS" and 500 c.c. "G80CS"	
		Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR (later)	7 7	RM15 RM15	047524 047534	— —	— —	— —	— —
AMMETER	5	CZU27	*36084F	CZU27	*36084F	CZU27	*36084F
BATTERY	—	PUZ7E-11	—	PUZ7E-11	—	PUZ7E-11	—
CABLE HARNESS	—	—	865225	—	837351 ‡865136	—	838671
COIL, IGNITION	7	MA6	45077B	—	—	—	—
CONTROL BOX	5	—	—	RB108 RB108	37252A ‡37225E	MCR2 MCR2	37144A 37144B
CONTACT BREAKER	7	CA1A CA1A	†47578D ‡47579D	— —	— —	— —	— —
GENERATOR	7	—	—	E3L	20035A	E3N	20038B
HORN	3	HF1441	70137A	HF1441 HF1441	70137A ‡70136A	HF1234	069446
HORN PUSH	3	—	—	—	—	4A	76204A
HORN PUSH AND DIPPER SWITCH ...	3	255A	31563D	255A	31563D	—	—
LAMPS							
Head							
Home (later)	4-5 4-5	MCH57 —	58135A —	MCH57 MCH57	58177A 58151A	MU42 —	50791D —
Export, vertical dip (later)	4-5 4-5	MCH57 —	58136A —	MCH57 MCH57 MU42	58178A 58152A ‡50791D	MU42 —	50791D —
Export, Europe not France (later)	4-5 4-5	MCH57 —	58137A —	MCH57 MCH57	58179A 58153A	— —	— —
Export, France (later)	4-5 4-5	MCH57-EF —	58138A —	MCH57-EF MCH57-EF	58180A 58154A	— —	— —
Stop tail and number plate (U.S.A. only) ...	5	—	—	—	—	529	53429A
Stop tail, number plate and reflex	5	564	53432B	564	53432B	564	53432B
MAGNETO	6	—	—	K2F	42330D	NC1	42347D
MAGNETO (U.S.A. only)	6	—	—	K2F	‡42264A	NC1	42371A
RECTIFIER	7	—	47111A	—	—	—	—
SWITCHES							
Dipper	3	—	—	—	—	9	31482A
Lighting (later)	4-5 4-5	— —	— —	U39 41SA	*31340A *31754A	U39 —	*31340A —
Lighting and ignition	4-5	PRS8	31443E	—	—	—	—
Stop lamp	5	22B	31384B	22B	31384B	22B	31384B
Spring	5	—	315543	—	315543	—	315543

† 350 c.c.

‡ 500 c.c.

* Part of headlamp assembly

‡ Sports, U.S.A. only



DIPPER SWITCH

Model	9
Part No.	31482A
Detailed Parts	
§Clip	380427
§Screw, terminal	120610

HORNS

Model	HF1234	HF1441	HF1441
Part No.	069446	70137A	70136A
Detailed Parts			
§Bracket	703232	701851	701851
Tone disc	703339	701829	701829
Screw, bracket fixing	145481	—	—
Screw, cover fixing	145491	—	—
Nut, tone disc	—	703106	703106
Nut, clamp, front	178931	178931	178931
§Diaphragm	703988	700714	700714
Nut, diaphragm fixing	184000	184000	184000
Washer, diaphragm packing	700238	—	—
§Contact set	703233	703233	703233
Terminal block	703004	703004	703004
§Sundry parts set	703235	703235	703235

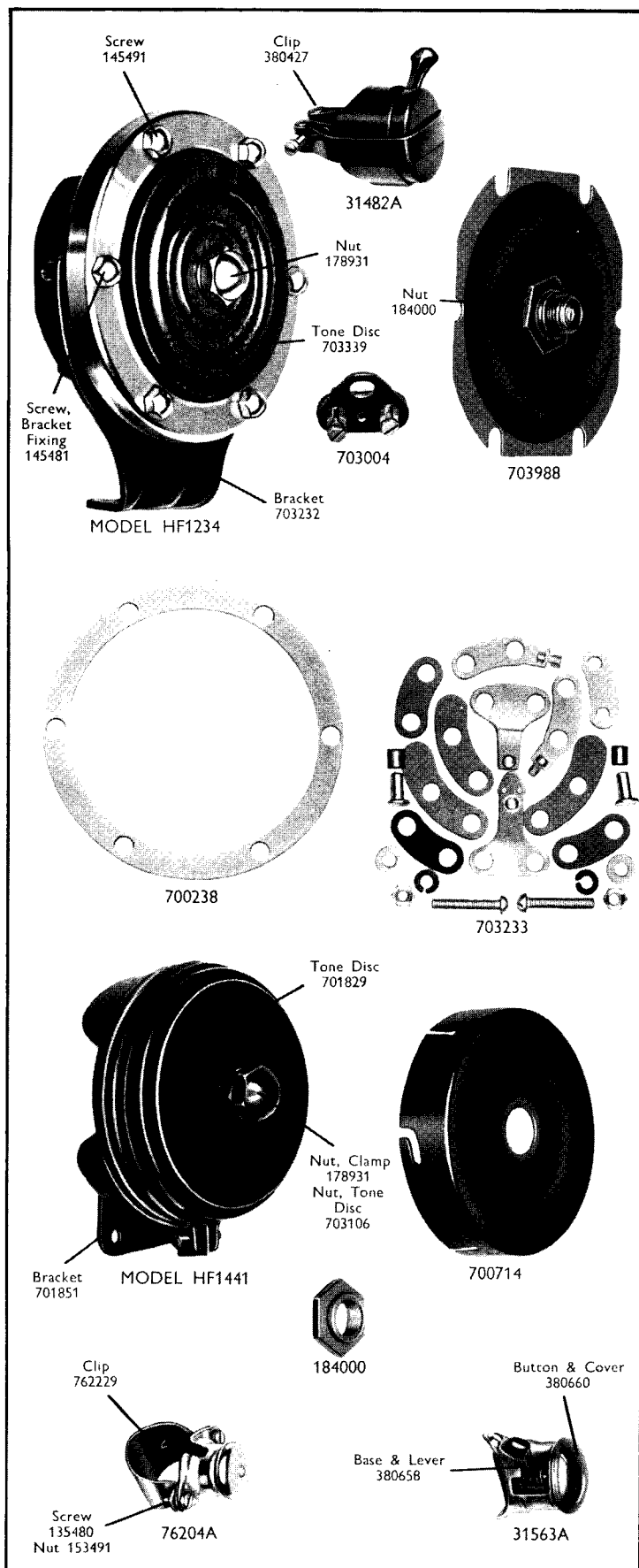
HORN PUSH

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

HORN PUSH AND DIPPER SWITCH

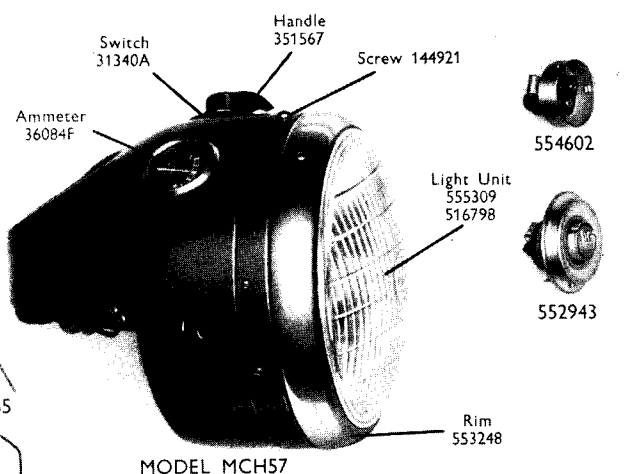
Model	25SA
Part No.	31563D
Detailed Parts	
Button and cover	380660
Base and lever	380658
§Screw, terminal	120610

§Recommended spares for stock

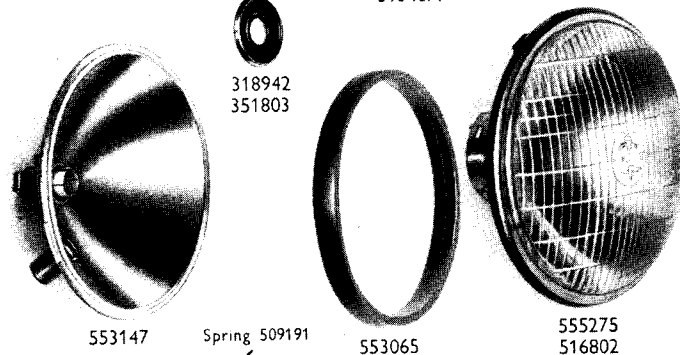
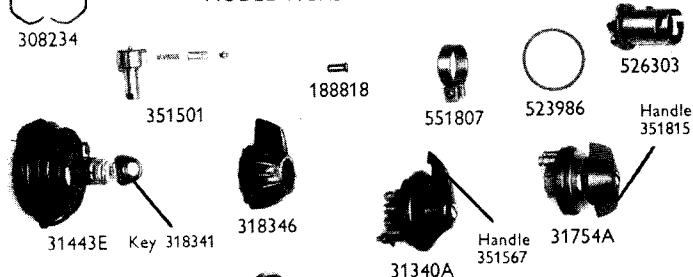




HEADLAMPS



MODEL MCH57



MODEL MU42

Home — Dip Left

Model Part No.	MCH57 58135A	MCH57 58177A	MCH57 58151A
Detailed Parts			
§Light unit	555309	555309	555309
§Bulbholder, main	554602	554602	554602
§Bulb, main	373	373	373

Export, Vertical Dip

Model Part No.	MCH57 58136A	MCH57 58178A	MCH57 58152A
Detailed Parts			
§Light unit	516798	516798	516798
§Bulbholder, main	554602	554602	554602
§Bulb, main	312	312	312

Export, Europe except France

Model Part No.	MCH57 58137A	MCH57 58179A	MCH57 58153A
Detailed Parts			
§Light unit	555275	555275	555275
§Bulbholder, main	554602	554602	554602
§Bulb, main	403	403	403

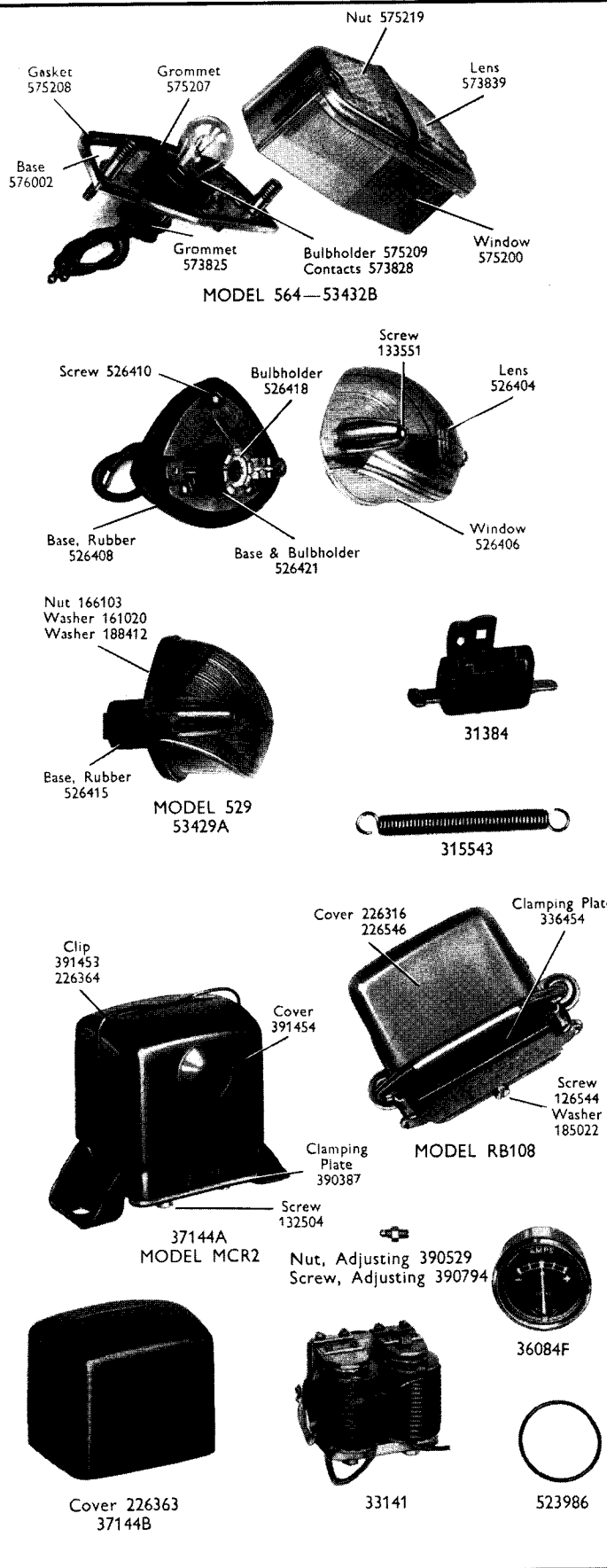
Export, France

Model Part No.	MCH57-EF *58138A	MCH57-EF *58180A	MCH57-EF *58154A
Detailed Parts			
§Light unit	516802	516802	516802
§Backshell	552943	552943	552943
§Bulbholder, main	562303	562303	562303
Clip and screw, bulbholder	562306	562306	562306

Parts shown below are standard to lamps in appropriate column

§Rim or door	553248	553248	553248
§Wire, rim fixing	504665	504665	504665
§Screw, rim fixing	144921	144921	144921
Plate, rim fixing screw	554408	554408	554408
§Ammeter	36084	36084	36084
Ring, rubber, ammeter seating	523986	523986	523986
Nut, terminal	166043	166043	166043
Washer, lock	185022	185022	185022
§Switch, lighting or lighting and ignition	31443	31340	31754
Key	318341	—	—
Shaft head piece	—	351501	351789
Roller, contact	—	351660	351660
Plunger, contact	—	351661	351661
Spring, contact plunger	—	351662	351662
§Screw, terminal	120584	120560	120560
Spring, switch fixing	—	308234	—
Ring, rubber, switch fixing	—	523986	—
Nut, contact stud	—	166103	—
Grommet	318323	—	—
Rotor, lighting	313053	—	—
Terminal, lighting	318324	—	—
Rotor, ignition	313052	—	—
Terminal, ignition	318316	—	—
Nut, fixing	180670	—	—
Cap and plate	318331	—	—
Screw, body fixing	198887	—	—
Nut, spindle	169290	—	—
Knob or handle, with screw	318346	351567	351815
§Screw, fixing	319333	101893	127291
Washer, fixing screw	—	188408	185038
Disc, insulating	318344	—	—
Plate, escutcheon	318942	—	351803
§Sleeve, terminal	188818	188818	188818
§Bulbholder, pilot	554710	554710	554710
§Interior, pilot	553780	553780	553780
§Ring, pilot, bulbholder seating	554354	554354	554354
§Bulb, pilot	988	988	988
Washer, cable grip	516285	516285	516285
Nut, fixing, top shell to bottom shell	177014	177014	177014
Washer, fixing nut	188329	188329	188329
Screw, fixing, top shell to fixing ring	572261	572261	572261
Nut, top shell screw	166103	166103	166103
Washer, top shell screw	188412	188412	188412
Screw, lamp fixing	112560	112560	112560
Washer, fixing screw	137499	137499	137499

§Recommended spares for stock †Order separately *Supplied less bulb



HEADLAMPS (Continued)

Model ... Part No.	MU42 50791D
§Panel ...	516494
Screw, panel fixing ...	186130
Ammeter ...	36084
Ring, rubber ...	523986
Nut, terminal ...	166043
Washer, lock ...	185022
Switch ...	31340
Handle, with fixing screw ...	351567
Screw, handle fixing ...	101893
Shaft head piece ...	351501
Roller, contact ...	351660
Plunger, contact ...	351661
Spring, contact plunger ...	351662
Screw, terminal ...	120560
Spring, switch fixing ...	308234
Ring, rubber, switch fixing ...	523986
Washer, handle fixing screw ...	188408
Nut, contact stud ...	166103
Screw, cable clip ...	186128
Washer, cable clip screw ...	188453
Rim or door, with lens ...	509484
Wire set, lens fixing ...	509753 S
Lens ...	550875
Bead, rubber ...	553065
Reflector ...	553147
Bulbholder, main ...	550801
Clip and screw, bulbholder ...	551807
Interior, bulbholder pilot ...	550181
Washer, cable grip ...	516285
Bulb, main ...	168
Bulb, pilot ...	200
Catch, rim fixing ...	509936
Spring, rim catch ...	509191
Screw, lamp fixing ...	112201
Washer, lamp fixing screw ...	137141
Sleeve, terminal ...	188818
Plug ...	859260
Screw, plug fixing ...	132303
Nut, plug fixing screw ...	166103
Washer, plug fixing screw ...	185012
Ring, plug retaining ...	516409
Socket ...	809795
Body ...	516402

STOP TAIL, REFLEX & NUMBER PLATE

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

STOP TAIL & NUMBER PLATE

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

CONTROL BOXES

Model Part No.	MCR2 37144A	MCR2 37144B	RB108 37252A	RB108 37252E
§Cover ...	391454	226363	226546	226316
§Clip, cover fixing ...	391453	226364	—	—
§Regulator ...	33141	—	—	—
Screw, regulator fixing ...	100384	—	—	—
Washer, fixing screw ...	185038	—	—	—
Clamping plate ...	390387	390387	336454	336454
Screw, clamping plate fixing ...	132504	132504	126544	126544
Washer, screw retaining ...	—	—	185022	185022
Screw, adjusting ...	390794	390794	390794	390794
Nut, adjusting screw ...	390529	390529	390529	390529
Nut, bobbin fixing ...	—	—	166014	166014
Washer, bobbin fixing nut ...	—	—	185022	185022

§Recommended spares for stock

||Order separately



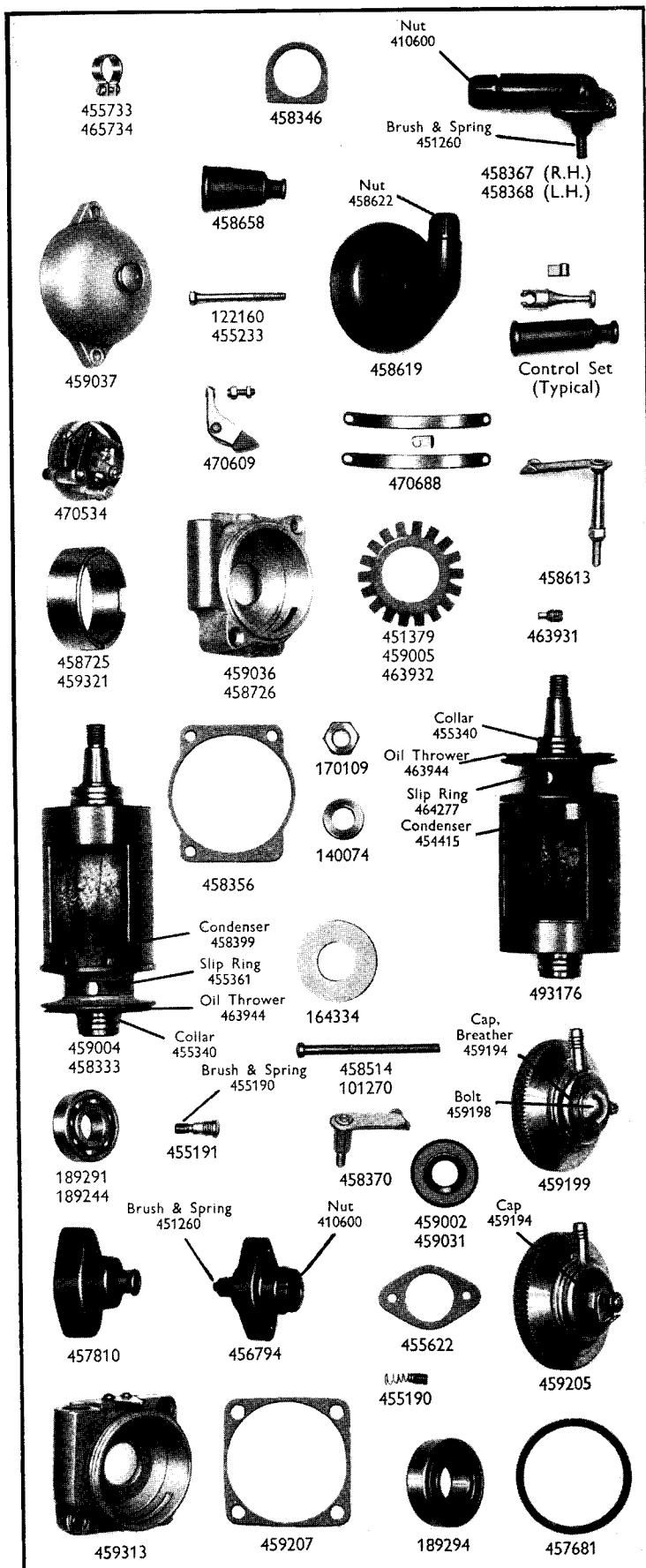
MAGNETOS

Model Part No. ...	K2F 42230D	K2F 42264A
Clip, pickup cover ...	455734	455734
Cover, pickup (rubber) ...	458658	458658
Pick-up (right hand) ...	458367	458367
Pick-up (left hand) ...	458368	458368
Brush and spring ...	451260	451260
Nut, securing high tension cable ...	410600	410600
Washer, seating ...	458346	458346
Cover, contact breaker ...	459037	458619
Nut, securing ignition cutout cable ...	—	458622
Screw, fixing contact breaker ...	122160	122160
Contact breaker ...	470534	470534
Contact set ...	470609	470609
Springs, set, contact actuating ...	470688	470688
Bush, contact breaker fixing screw ...	470555	470555
Brush and spring, earthing ...	470537	470537
Control set, advance and retard ...	458364	463107
Cover, control set (rubber) ...	454475	454475
Plunger, controlling cam ...	454969	454969
Nipple, control cable ...	455788	455788
Cam ...	458725	458725
Pin and spring, securing contact breaker cover ...	458613	458613
Plate, housing contact breaker ...	459036	458726
Cup, insulating bearing ...	451379	451379
Pin, cam timing screw ...	186060	186060
Screw, cam timing ...	463931	463931
Shim, .005" thick, packing contact breaker housing ...	458356	458356
Nut, securing gear or sprocket ...	170109	170109
Washer, gear securing nut ...	140074	140074
Armature ...	459004	458333
Slip ring ...	455361	455361
Bolt, through fixing ...	458514	458514
Condenser ...	458339	458339
Thrower, oil ...	463944	463944
Washer, oil thrower (linen) ...	164334	164334
Collar, spacing ...	455340	455340
Bearing, contact breaker end ...	189291	189291
Bearing, driving end ...	189244	189291
Brush, spring and holder, earthing ...	455191	455191
Brush and spring, earthing ...	455190	455190
Pin and spring, securing pick-up ...	458370	458370
Seal, oil bearing ...	459002	459031
Cup, insulating driving end bearing ...	459005	451379
Sundry parts, set ...	458675	458675

MAGNETOS

Model Part No. ...	NC1 42347D	NC1 42371A
Detailed Parts		
Clip, pick up cover ...	455733	455733
Cover, pick up, rubber ...	457810	457810
Pick up ...	456794	456794
Brush and spring ...	451260	451260
Nut, securing, high tension cable ...	410600	410600
Washer, seating ...	455622	455622
Cover, contact breaker ...	459199	459205
Brush and spring ...	—	455190
Ring, sealing, rubber ...	457681	457681
Bolt, securing breather cap ...	459198	—
Cap, breather or baffle ...	459194	459194
Screw, fixing contact breaker ...	455233	455233
Contact breaker ...	470534	470534
Contact set ...	470609	470609
Springs set, contact actuating ...	470688	470688
Bush, contact breaker fixing screw ...	470555	470555
Brush and spring, earthing ...	470537	470537
Clip, securing, control set rubber cover ...	455734	455734
Control set, advance and retard ...	459305	459305
Cover, control set, rubber ...	454475	454475
Plunger, controlling cam ...	493304	493304
Nipple, control cable ...	455788	455788
Cam ...	459321	459321
Plate, housing contact breaker ...	459313	459313
Cup, insulating bearing ...	463932	463932
Pin, cam timing screw ...	186060	186060
Screw, cam timing ...	463931	463931
Shim, .005" thick, packing contact breaker housing ...	452907	452907
Nut, securing gear or sprocket ...	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
Washer, oil thrower, linen ...	164334	164334
Collar, spacing ...	455340	455340
Bearing, contact breaker and drive end ...	189294	189294
Brush, spring and holder, earthing ...	455191	455191
Brush and spring ...	455190	455190
Seal, oil, bearing ...	459031	459031
Cup, insulating driving end bearing ...	463932	463932
Sundry parts set ...	454697	454697

§Recommended spares for stock





ALTERNATORS

Model	...	...	...	...	...	RM15	RM15
Part No.	...	...	...	...	...	†047524	†047534
Detailed Parts							
Rotor	...	...	...	...	...	423506	423506
§Stator	...	...	...	...	...	47122A	47122A
Pad, insulating	...	...	...	...	...	465918	465918
Clip, cable	...	...	...	...	...	465717	465717
Screw, cable, clip fixing	...	...	...	...	...	186092	186092
Washer, fixing screw	...	...	...	...	...	128013	128013
Nut, locking	...	...	...	...	...	465909	—
Washer, locking	...	...	...	...	...	465910	—
*Rectifier	...	...	...	...	...	47111	47111

CONTACT BREAKER UNITS

Model	...	...	...	...	...	CA1A	CA1A
Part No.	...	...	...	...	...	47578D	47579D
Detailed Parts							
Screw, plate fixing	...	...	...	...	...	126524	126524
Washer, spring, screw fixing	...	...	...	...	...	185022	185022
Plate assembly	...	...	...	...	...	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	...	...	...	...	...	420302	420302
§Cam	...	...	...	...	...	465939	465939
§Springs, set, auto-advance	...	...	...	...	...	424201/S	416136/S
§Toggle	...	...	...	...	...	407131	407131
§Weight	...	...	...	...	...	415729	415729
§Sleeve and action plate	...	...	...	...	...	425733	425733

COIL, IGNITION

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

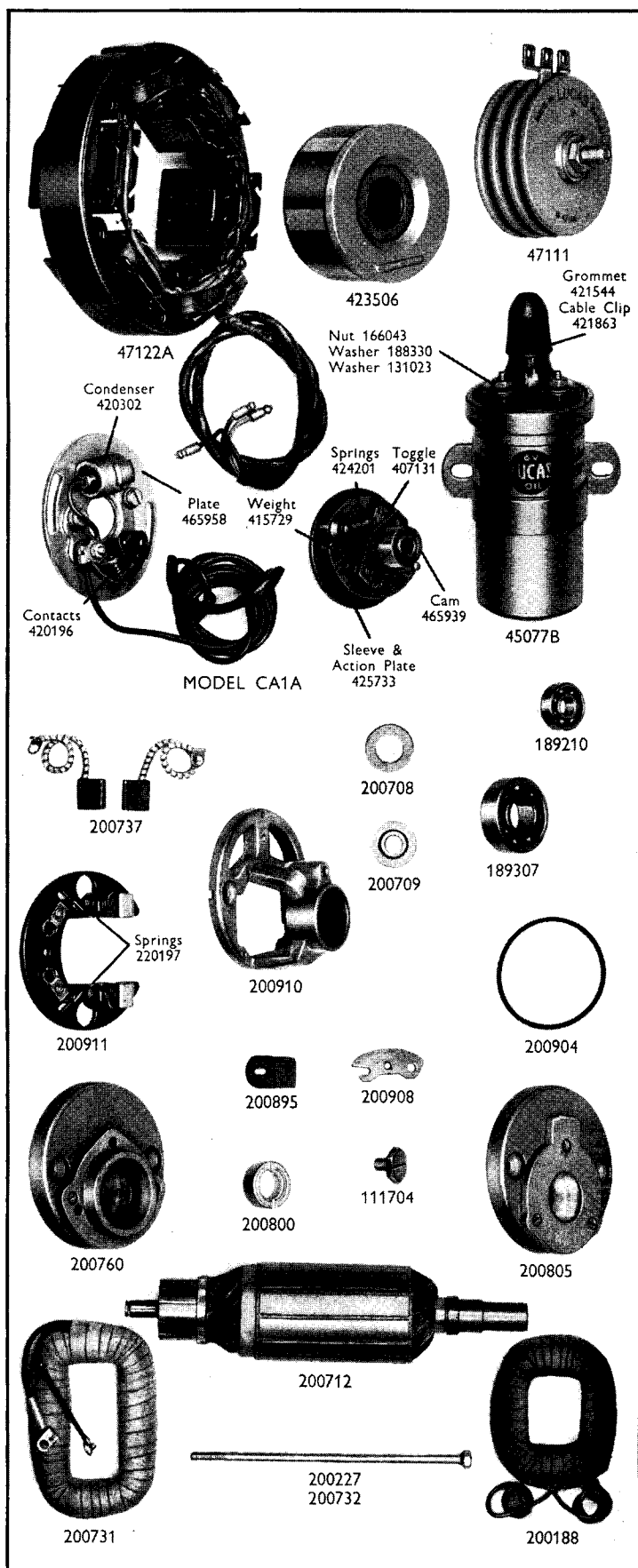
GENERATORS

Model	...	...	...	...	...	E3L	E3N
Part No.	...	...	...	...	...	20035A	20038B
Detailed Parts							
§Brushes, set	...	...	...	...	...	200737	200737
§Bracket or frame, commutator end	...	...	...	...	...	200910	200910
§Bearing, commutator end	...	...	...	...	...	189210	189210
Washer, felt bearing	...	...	...	...	...	200708	200708
Cup, felt bearing washer	...	...	...	...	...	200709	200709
§Insulating plate, with brush boxes	...	...	...	...	...	200911	200911
§Spring, set, brush tension	...	...	...	...	...	220197	220197
Ring, sealing, rubber	...	...	...	...	...	200904	200904
Grommet, cable	...	...	...	...	...	200895	200895
§Cover, commutator end	...	...	...	...	...	200918	200918
Plate, clamp terminal	...	...	...	...	...	200908	200908
§Bearing, drive end	...	...	...	...	...	189307	189307
§Bracket or frame, drive end	...	...	...	...	...	200760	200805
Plate, bearing	...	...	...	...	...	200748	200799
Oil seal	...	...	...	...	...	188614	—
§Screw, gear retaining	...	...	...	...	...	111704	—
Nut, bearing retaining	...	...	...	...	...	—	200800
§Armature	...	...	...	...	...	200712	200802
§Field coils, set	...	...	...	...	...	200731	200188
§Bolt, through fixing	...	...	...	...	...	200732	200227
§Sundry parts, set	...	...	...	...	...	200806	200806

†For reference only. Serviced by stator and rotor

§Recommended spares for stock

*Order separately



LATER INFORMATION

(Additional to Parts List CE825C, 1958)

A.J.S. 250 c.c. '14' and MATCHLESS 250 c.c. 'G2'

Electrical equipment

Battery	PUZ7E-11
Horn, HF1849	70146B
Nut, Tone Disc	165498
Washer, Adjusting Screw	131023
Screw, Adjusting	705098
Tone, Disc	705108
Screw, Cover	113030
Cover	705085
Ring, Cover sealing	705068
Support, Cover	705086