

**DENNIS NELSON**

Motor Cycle Shop

21/23 BRADSHAW STREET

SALTCOATS

# 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.
<b>ALTERNATOR</b> ... .. (later)	7 7	RM15 RM15	047524 047534	— —	— —	— —	— —
<b>AMMETER</b> ... ..	5	CZU27	*36084F	CZU27	*36084F	CZU27	*36084F
<b>BATTERY</b> ... ..	—	PUZ7E-11	—	PUZ7E-11	—	PUZ7E-11	—
<b>CABLE HARNESS</b> ... ..	—	—	865225	—	837351 ‡865136	—	838671
<b>COIL, IGNITION</b> ... ..	7	MA6	45077B	—	—	—	—
<b>CONTROL BOX</b> ... ..	5	—	—	RB108 RB108	37252A ‡37225E	MCR2 MCR2	37144A 37144B
<b>CONTACT BREAKER</b> ... ..	7	CA1A CA1A	†47578D ‡47579D	— —	— —	— —	— —
<b>GENERATOR</b> ... ..	7	—	—	E3L	20035A	E3N	20038B
<b>HORN</b> ... ..	3	HF1441	70137A	HF1441 HF1441	70137A ‡70136A	HF1234	069446
<b>HORN PUSH</b> ... ..	3	—	—	—	—	4A	76204A
<b>HORN PUSH AND DIPPER SWITCH</b> ...	3	25SA	31563D	25SA	31563D	—	—
<b>LAMPS</b>							
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
<b>MAGNETO</b> ... ..	6	—	—	K2F	42330D	NC1	42347D
<b>MAGNETO (U.S.A. only)</b> ... ..	6	—	—	K2F	‡42264A	NC1	42371A
<b>RECTIFIER</b> ... ..	7	—	47111A	—	—	—	—
<b>SWITCHES</b>							
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

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## DIPPER SWITCH

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

## HORNS

<b>Model</b> ... ..	HF1234	HF1441	HF1441
<b>Part No.</b> ... ..	069446	70137A	70136A
<b>Detailed Parts</b>			
§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

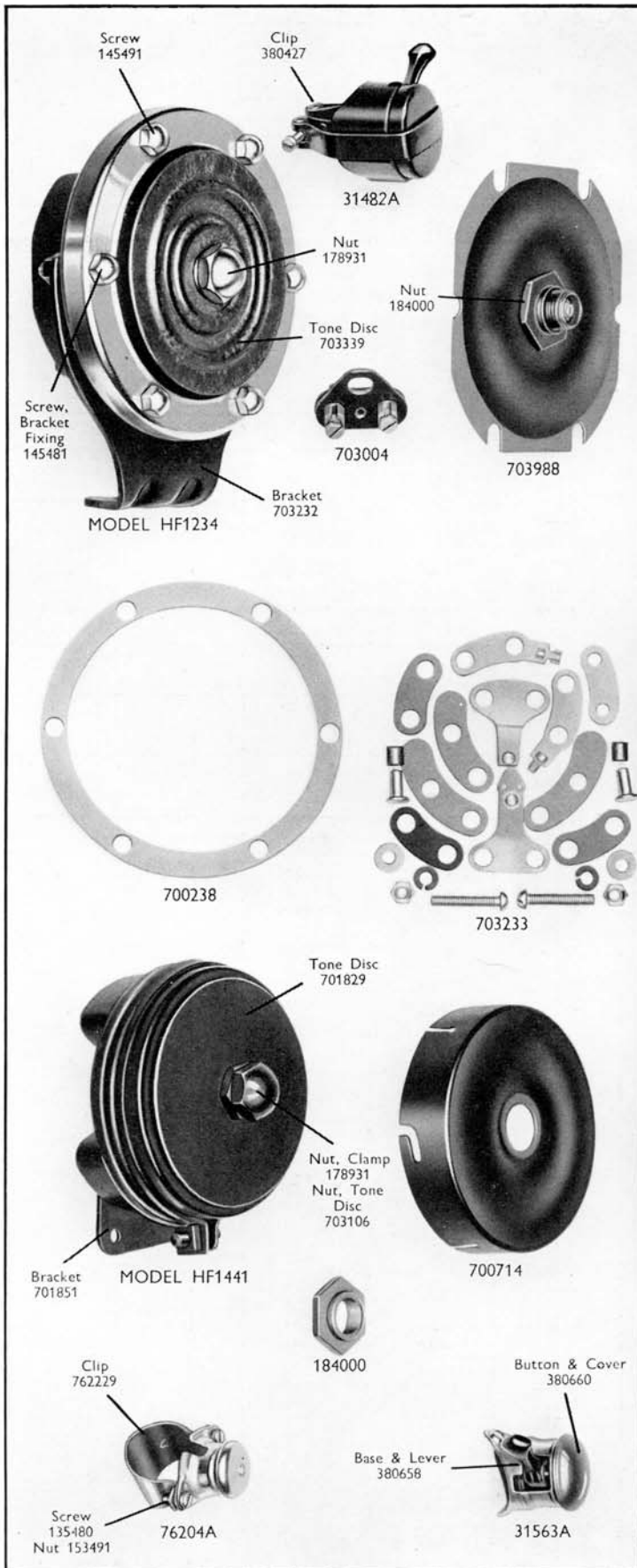
## HORN PUSH

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

## HORN PUSH AND DIPPER SWITCH

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

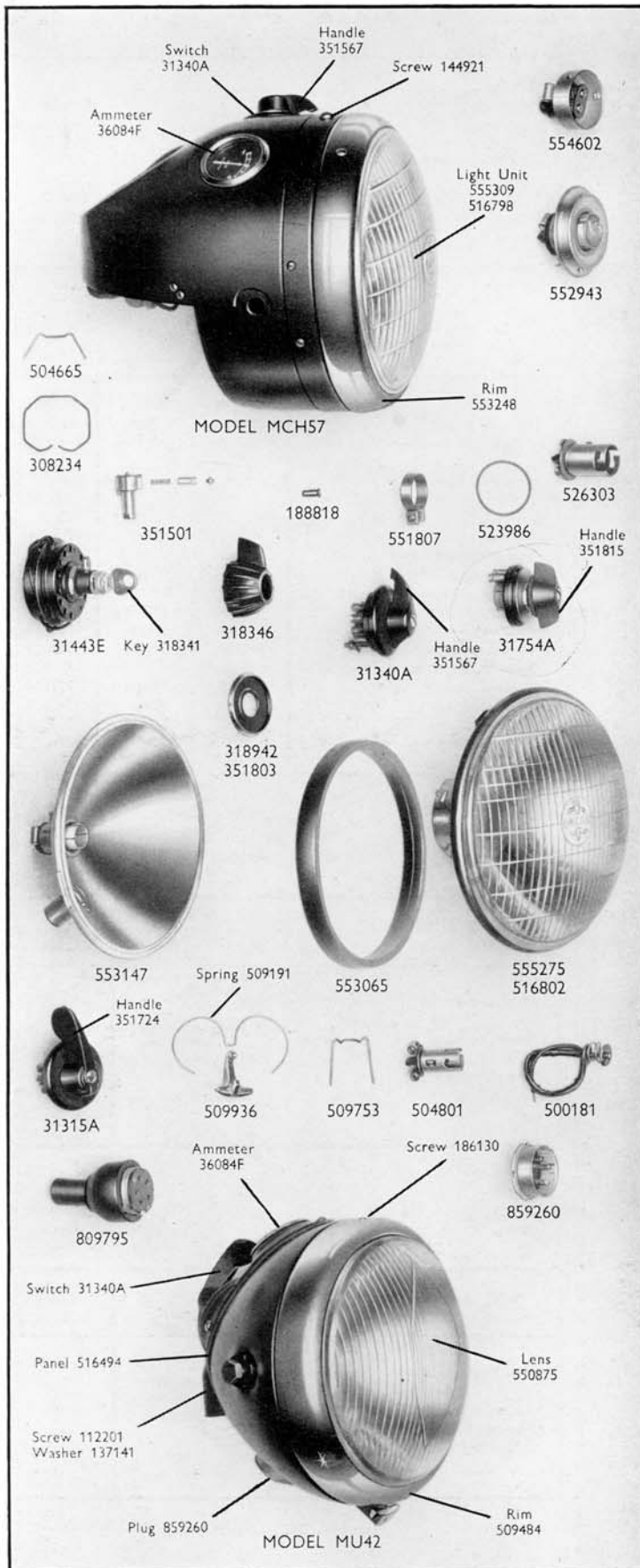
§Recommended spares for stock



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## HEADLAMPS



### Home — Dip Left

Model Part No.	MCH57 58135A	MCH57 58177A	MCH57 58151A
<b>Detailed Parts</b>			
§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
<b>Detailed Parts</b>			
§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
<b>Detailed Parts</b>			
§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
<b>Detailed Parts</b>			
§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	112201	112560
§Washer, fixing screw	137499	137499	137499

§Recommended spares for stock

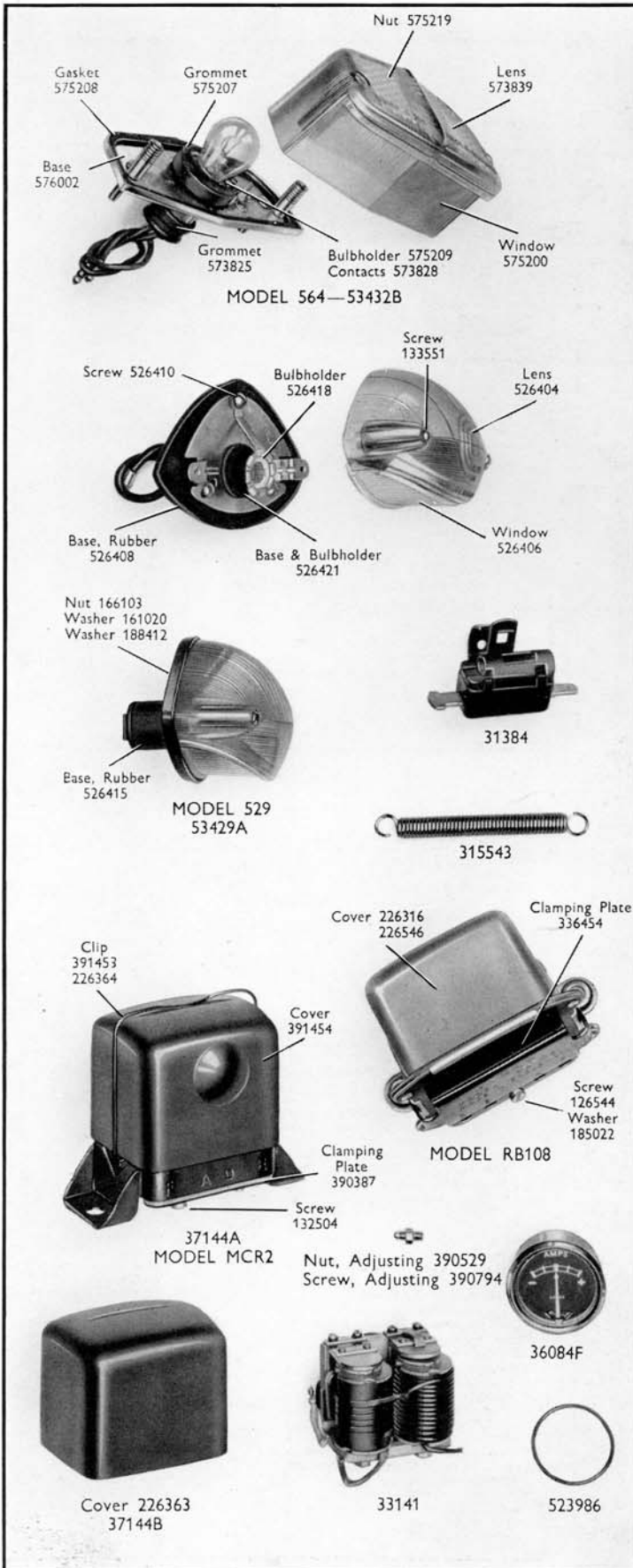
†Order separately

\*Supplied less bulb

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## 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	...	504801
Clip and screw, bulbholder	...	551807
Interior, bulbholder pilot	...	500181
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	...	133303
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 37225E
§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, fixing screw	...	—	—	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

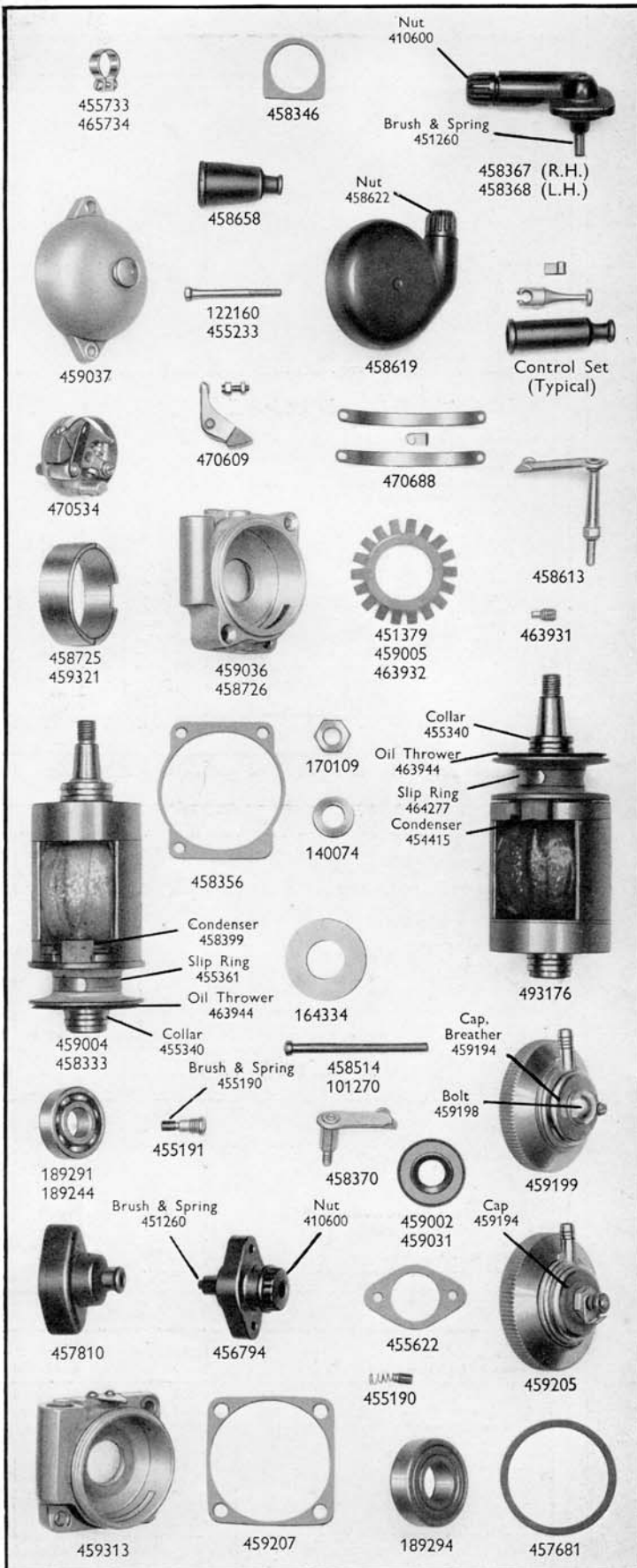
§Recommended spares for stock

||Order separately

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## 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	189244
§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
<b>Detailed Parts</b>		
Clip, pickup cover ...	455733	455733
Cover, pickup, 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

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## ALTERNATORS

Model	Part No.	RM15	RM15
		1047524	1047534
<b>Detailed Parts</b>			
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	Part No.	CA1A	CA1A
		47578D	47579D
<b>Detailed Parts</b>			
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	416136/S
§Toggle	...	407131	407131
§Weight	...	415729	415729
§Sleeve and action plate	...	425733	425733

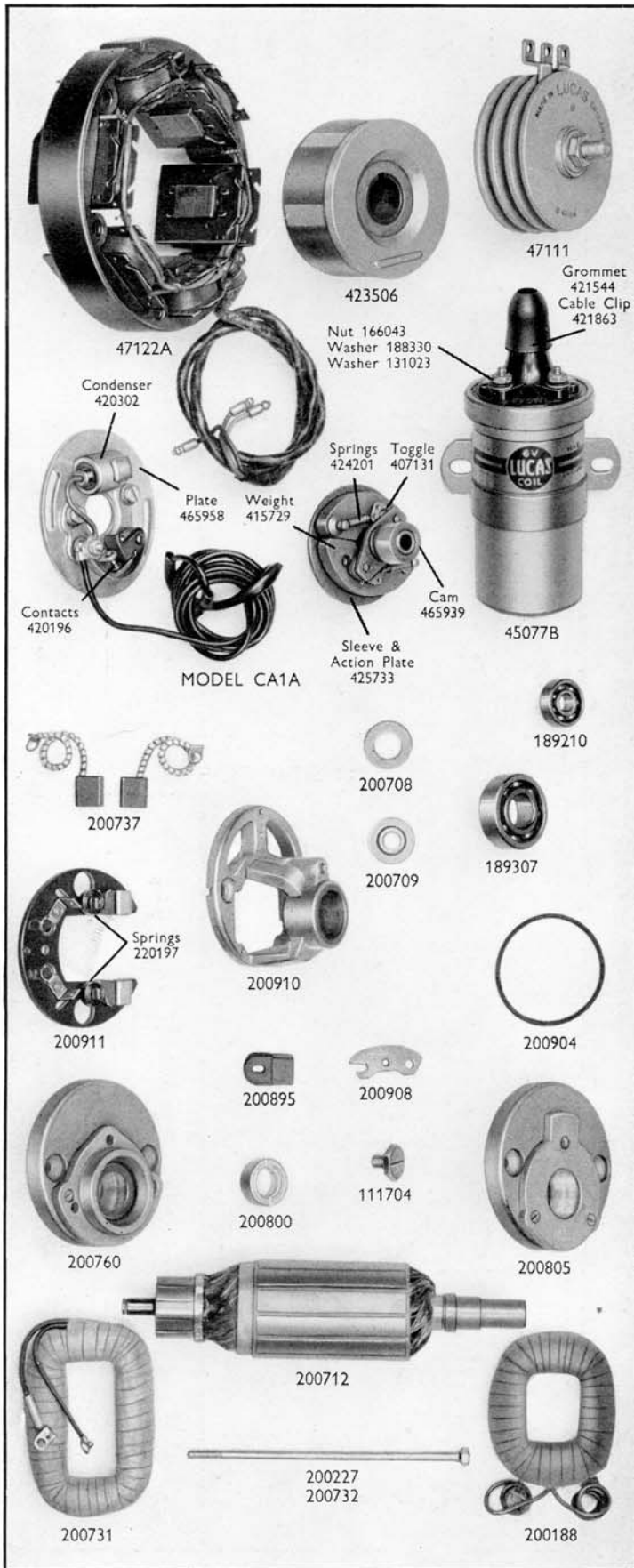
## COIL, IGNITION

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

## GENERATORS

Model	Part No.	E3L	E3N
		20035A	20038B
<b>Detailed Parts</b>			
§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



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# 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

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