

**LUCAS**  
*Quality*  
**EQUIPMENT**  
&  
**SPARE PARTS**



**1959**  
**A.M.C.**  
(A.J.S. — MATCHLESS)  
**MOTOR CYCLES**

**JOSEPH LUCAS (SALES & SERVICE) LTD · BIRMINGHAM 18 · ENGLAND**



# EQUIPMENT SPECIFICATIONS AND PAGE INDEX

## EQUIPMENT SPECIFICATIONS AND PAGE INDEX

UNIT	For details and illustrations see page	A.J.S. 250 c.c. "14," "14CS," "Clubman" Matchless "G2," "G2CS" and 350 c.c. "G3" and 500 c.c. "G80"		Single Cylinder Models A.J.S. 350 c.c. "16," "18," "Matchless 350 c.c. "G3" and 500 c.c. "G80"		Twin Cylinder Models A.J.S. 500 c.c. "20," "31," "Matchless 500 c.c. "G9" and 650 c.c. "G12"		Single Cylinder Competition Models A.J.S. 350 c.c. "16C," "16CS," "38CS" 500 c.c. "350" "Matchless 350 c.c. "G3C," "G3CS," and 500 c.c. "G80CS"		Twin Cylinder De Luxe and Competition Models A.J.S. 500 c.c. "20Del," "20CS," "20CSR," "31Del," "31CS," "31CSR" Matchless 500 c.c. "G9Del," "G9CS," "G12Del," "G12CS," "G12CSR"	
		Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR	7	RM15	047534	RM15	047534	RM15	047534	CZU27	—	CZU27	—
AMMETER	5	CZU27	*36084F	CZU27	*36084F	CZU27	*36084F	PUZ7E-11	—	PUZ7E-11	—
BATTERY	—	PUZ7E-11	865225	PUZ7E-11	865225	PUZ7E-11	865225	—	—	—	—
CABLE HARNESS	—	—	45077B	—	45077B	—	45077B	—	—	—	—
COIL, IGNITION	7	—	—	—	—	—	—	—	—	—	—
CONTROL BOX	5	—	—	—	—	—	—	—	—	—	—
" (later)	5	—	—	—	—	—	—	—	—	—	—
" (later)	5	—	—	—	—	—	—	—	—	—	—
CONTACT BREAKER	7	—	147578H	—	147578H	—	147578H	—	—	—	—
DISTRIBUTOR	7	—	147579H	—	147579H	—	147579H	—	—	—	—
GENERATOR	3	—	70137A	—	70137A	—	70137A	—	—	—	—
HORN	3	HF1849	70146B	—	70146B	—	70146B	—	—	—	—
HORN PUSH	3	—	—	—	—	—	—	—	—	—	—
HORN PUSH AND DIPPER SWITCH	3	—	—	—	—	—	—	—	—	—	—
LAMPS	3	—	—	—	—	—	—	—	—	—	—
Head	—	—	—	—	—	—	—	—	—	—	—
Home	4-5	—	58135A	MCH57	58135A	MCH57	58135A	MCH57	58224D	MCH57	58152A
"	4-5	—	58136A	—	58136A	—	58136A	—	—	SSU700	58224D
Export, vertical dip	4-5	—	58137A	MCH57	58137A	MCH57	58137A	—	—	MCH57	58152A
"	4-5	—	58138A	—	58138A	—	58138A	—	—	SSU700	58224D
Export, Europe not France	4-5	—	53432B	—	53432B	—	53432B	—	—	—	—
Export, France	4-5	—	—	—	—	—	—	—	—	—	—
Stop tail and number plate	5	—	—	564	—	564	—	—	—	—	—
Stop tail, number plate and reflex	5	—	—	—	—	—	—	—	—	—	—
MAGNETO	5	—	—	—	—	—	—	—	—	—	—
"	6	—	—	—	—	—	—	—	—	—	—
" (later)	6	—	—	—	—	—	—	—	—	—	—
MAGNETO (U.S.A. only)	6	—	47111A	—	47111A	—	47111A	—	—	—	—
RECTIFIER	7	—	47132A	—	47132A	—	47132A	—	—	—	—
" (later)	7	—	—	—	—	—	—	—	—	—	—
SWITCHES	—	—	—	—	—	—	—	—	—	—	—
Dipper	3	—	—	—	—	—	—	—	—	—	—
Lighting	4-5	—	—	—	—	—	—	—	—	—	—
Lighting and ignition	4-5	—	—	—	—	—	—	—	—	—	—
Stop lamp	5	—	*31443E	—	*31443E	—	*31443E	—	—	—	—
Spring	5	—	31384B	—	31384B	—	31384B	—	—	—	—
	5	—	315543	—	315543	—	315543	—	—	—	—

‡Suitable replacement    \*Part of headlamp assembly    †Vertical dip    ‡De Luxe    §Competition

‡350 c.c.    §500 c.c.



## DIPPER SWITCH

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

## HORNS

Part No. ... ..	069446	70137A	70136A	70146B
Model ... ..	HF1234	HF1441	HF1441	HF1849
<b>Detailed Parts</b>				
§Bracket ... ..	703232	701851	701851	—
Tone disc ... ..	703339	701829	701829	705108
Screw, bracket fixing ... ..	145481	—	—	—
Screw, cover fixing ... ..	145491	—	—	113030
Nut, tone disc ... ..	—	703106	703106	165498
Nut, clamp, front ... ..	178931	178931	178931	—
Washer, adjusting screw ... ..	—	—	—	131023
Screw, adjusting ... ..	—	—	—	705098
§Diaphragm ... ..	703988	700714	700714	—
Nut, diaphragm fixing ... ..	184000	184000	184000	—
Washer, diaphragm packing ... ..	700238	—	—	—
Cover ... ..	—	—	—	705085
Ring, cover sealing ... ..	—	—	—	705068
Support, cover ... ..	—	—	—	705086
§Contact set ... ..	703233	703233	703233	—
Terminal block ... ..	703004	703004	703004	—
§Sundry parts set ... ..	703235	703235	703235	—

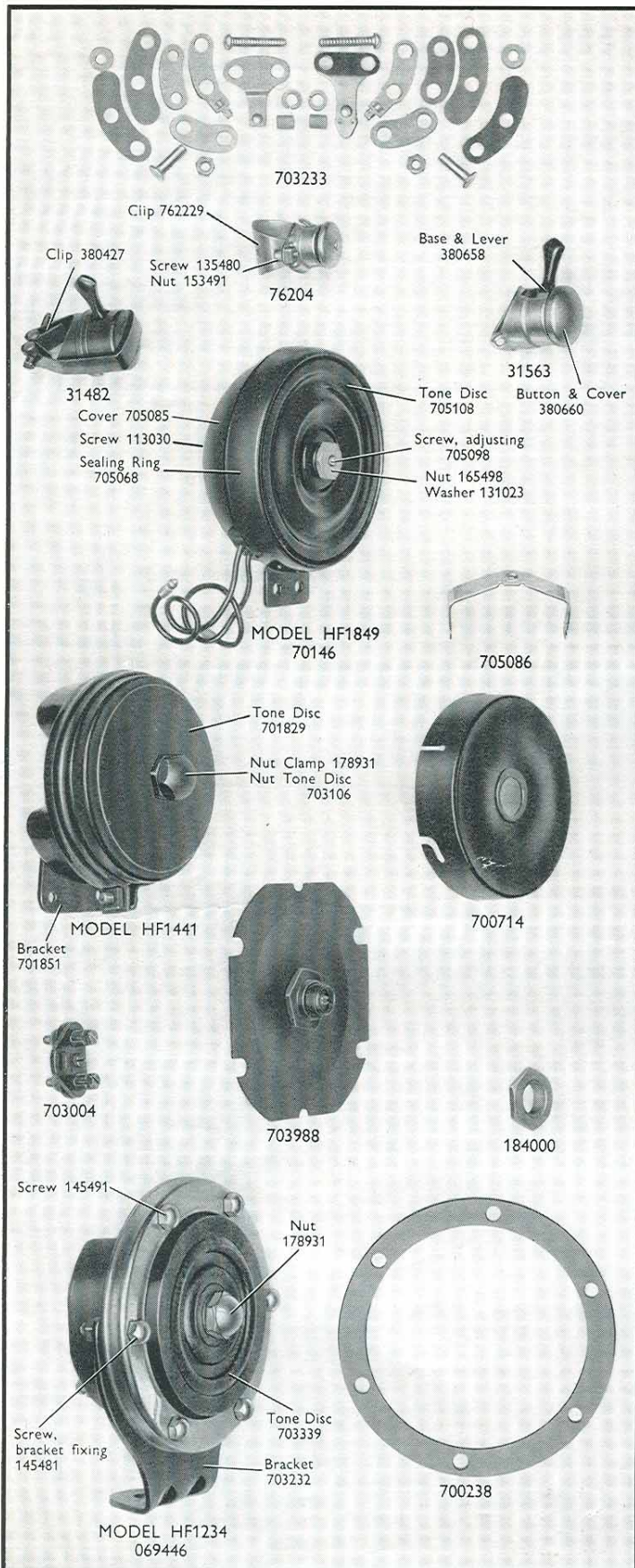
## HORN PUSH

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

## HORN PUSH AND DIPPER SWITCH

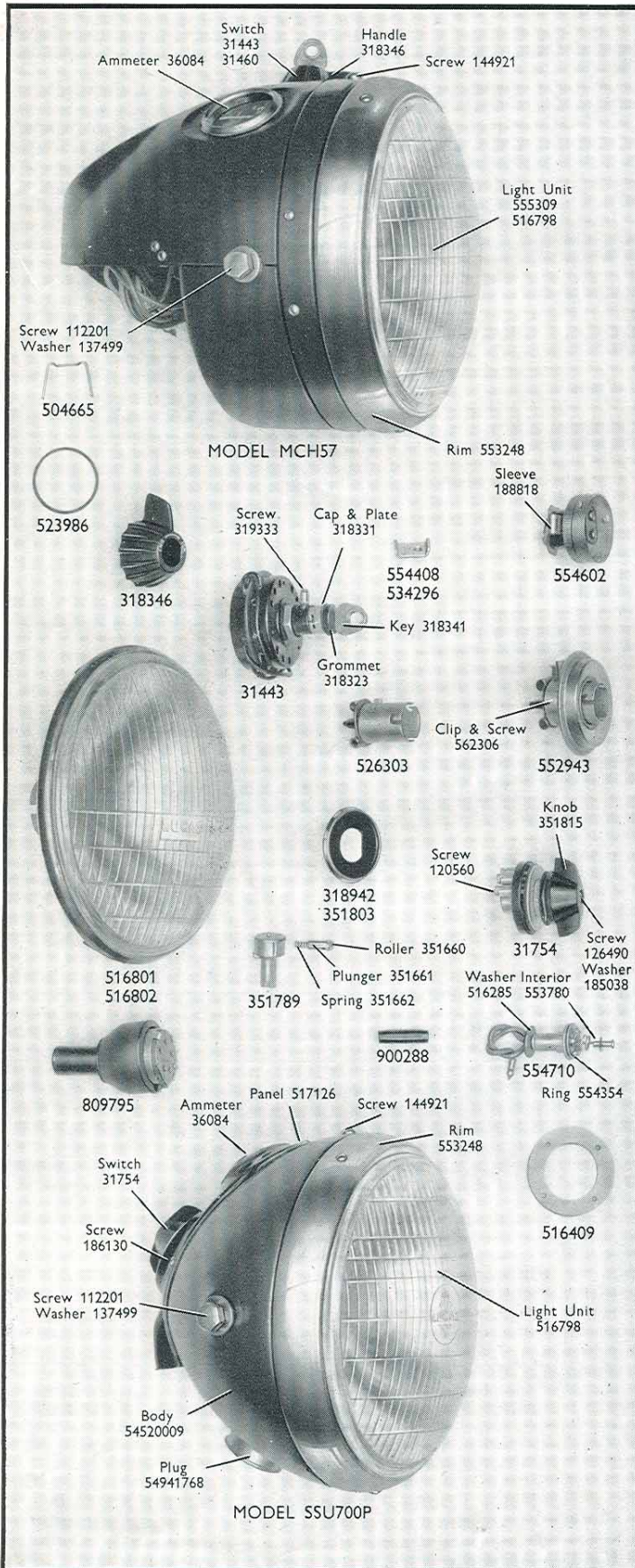
Part No. ... ..	31563D
Model ... ..	255A
<b>Detailed Parts</b>	
Button and cover ... ..	380660
Base and lever ... ..	380658
§Screw, terminal ... ..	120610

§Recommended spares for stock





# HEADLAMPS



## Home — Dip Left

Part No. ... Model ...	58135A MCH57P	58152A MCH57P	58354B MCH57P
<b>Detailed Parts</b>			
§Light unit ...	555309	516798	516798
§Bulbholder, main ...	554602	554602	554602
§Bulb, main ...	373	312	312

## Export, Vertical Dip

Part No. ... Model ...	58136A MCH57P	58152A MCH57P	58354B MCH57P
<b>Detailed Parts</b>			
§Light unit ...	516798	516798	516798
§Bulbholder, main ...	554602	554602	554602
§Bulb, main ...	312	312	312

## Export, Europe except France

Part No. ... Model ...	58137A MCH57P	—	—
<b>Detailed Parts</b>			
§Light unit ...	516801	—	—
§Bulbholder, main ...	554602	—	—
§Bulb, main ...	403	—	—

## Export, France

Part No. ... Model ...	*58138A MCH57P-EF	—	—
<b>Detailed Parts</b>			
§Light unit ...	516802	—	—
§Backshell ...	552943	—	—
§Bulbholder, main ...	562303	—	—
§Clip and screw, bulbholder	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	31754	¶31460
§Key ...	318341	—	¶318341
§Shaft head piece ...	—	351789	—
§Roller, contact ...	—	351660	—
§Plunger, contact ...	—	351661	—
§Spring, contact plunger ...	—	351662	—
§Screw, terminal ...	120584	120560	120584
§Grommet ...	318323	—	318323
§Rotor, lighting ...	313053	—	313053
§Terminal, lighting ...	318349	—	318349
§Rotor, ignition ...	313052	—	313052
§Terminal, ignition ...	318316	—	318316
§Nut, fixing ...	180670	—	180670
§Cap and plate ...	318331	—	318331
§Screw, body fixing ...	198887	—	198887
§Nut, spindle ...	169290	—	169290
§Knob or handle, with screw ...	†318346	351815	†318346
§Screw, fixing ...	319333	126490	319333
§Washer, fixing screw ...	—	185038	—
§Disc, insulating ...	318344	—	318344
§Plate, escutcheon ...	318942	351803	318942
§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 ...	112201	112201	112208
§Washer, fixing screw ...	137499	137499	137499

§Recommended spares for stock    †Order separately    \*Supplied less bulb  
 ‡Vertical dip    ||Serviced by 31763    ¶Serviced by 31443



## HEADLAMPS (Continued)



Part No.	Model	58224D	SSU700P
§Panel	...	517126	186130
Screw, panel fixing	...	36084	36084
Ammeter	...	523986	523986
Ring, rubber, ammeter seating	...	166043	166043
Nut, terminal	...	185022	185022
Washer, lock	...	31754	31754
Switch	...	351815	351815
Knob	...	126490	126490
Screw, knob fixing	...	185038	185038
Washer, knob fixing screw	...	120560	120560
§Screw, terminal	...	351789	351789
Shaft, headpiece	...	351660	351660
Roller	...	351661	351661
Plunger	...	351662	351662
Spring	...	351803	351803
Plate, escutcheon	...	553248	553248
Rim, or door	...	504665	504665
Wire, rim and light unit fixing	...	144921	144921
§Screw, rim fixing	...	534296	534296
Plate, rim fixing	...	516798	516798
§Light unit	...	554602	554602
§Bulbholder, main	...	188818	188818
Sleeve, terminal	...	554710	554710
§Bulbholder, pilot	...	553780	553780
Interior, pilot bulbholder	...	312	312
§Bulb, main	...	988	988
§Bulb, pilot	...	516285	516285
Washer, cable grip	...	112201	112201
§Screw, lamp fixing	...	137499	137499
Washer, lamp fixing screw	...	186157	186157
Screw, cable clip	...	188453	188453
Washer, cable clip screw	...	900288	900288
Connector, single	...	5494768	5494768
Plug and cable	...	133303	133303
§Screw, plug fixing	...	166103	166103
Nut, plug fixing screw	...	185012	185012
Washer, plug fixing screw	...	516409	516409
Ring, plug retaining	...	54520009	54520009
Body	...	809795	809795
§Socket	...		

## STOP TAIL, REFLEX & NUMBER PLATE

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

## STOP TAIL & NUMBER PLATE

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

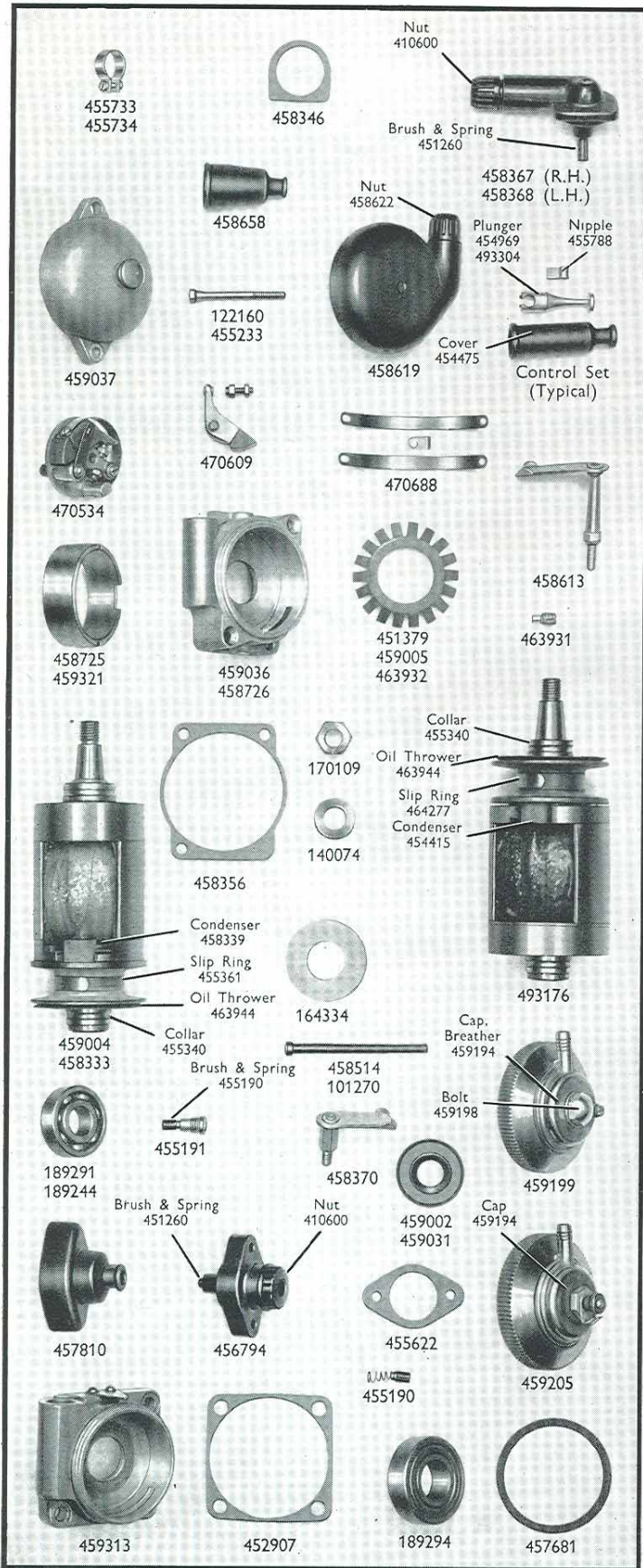
## CONTROL BOXES

Part No.	Model	37225E 37252A RB108	37225F 37252B RB108	37232H RB108
§Cover	...	‡226316 ‡226546	‡54380806 ‡54380805	54380803
Washer, plain	...	—	—	137060
Washer, spring	...	—	—	185061
Nut, fixing	...	—	—	156654
Gasket, cover	...	226212	226289	226289
Screw, adjusting	...	390794	54380161	54380161
Spring, adjusting screw	...	‡390529	54380088	54380088
Bracket, clamping terminal	...	336454	336454	336454
Screw, fixing plate	...	126544	126544	126544
Washer, plate fixing screw	...	185022	185022	185022

§Recommended spares for stock ||Order separately ¶Nut  
‡Fitted to 37225 Control Box †Fitted to 37252 Control Box



## MAGNETOS



Part No. Model	42230D K2F	42264A K2F	42264 K2FB
§Clip, pick-up cover	455734	455734	455734
§Cover, pick-up (rubber)	458658	458658	458658
§Pick-up (right hand)	458367	458367	458367
§Pick-up (left hand)	458368	458368	458368
§Brush and spring	451260	451260	451260
§Nut, securing high tension cable	410600	410600	410600
§Washer, seating	458346	458346	458346
§Cover, contact breaker	459037	458619	458619
§Nut, securing ignition cutout cable	—	458622	458622
§Screw, fixing contact breaker	122160	122160	122160
§Contact breaker	470534	470534	470534
§Contact set	470609	470609	470609
§Springs, set, contact actuating	470688	470688	470688
§Bush, contact breaker fixing screw	470555	470555	470555
§Brush and spring, earthing	470537	470537	470537
§Control set, advance and retard	458364	463107	463107
§Cover, control set (rubber)	454475	454475	454475
§Plunger, controlling cam	454969	454969	454969
§Nipple, control cable	455788	455788	455788
§Cam	458725	458725	458725
§Pin and spring, securing contact breaker cover	458613	458613	458613
§Plate, housing contact breaker	459036	458726	458726
§Cup, insulating bearing	451379	451379	451379
§Pin, cam timing screw	186060	186060	186060
§Screw, cam timing	463931	463931	463931
§Shim, .005" thick, packing contact breaker housing	458356	458356	458356
§Nut, securing gear or sprocket	170109	170109	170109
§Washer, gear securing nut	140074	140074	140074
§Armature	459004	458333	459004
§Slip ring	455361	455361	455361
§Bolt, through fixing	458514	458514	458514
§Condenser	458339	458339	458339
§Thrower, oil	463944	463944	463944
§Washer, oil thrower (linen)	164334	164334	164334
§Collar, spacing	455340	455340	455340
§Bearing, contact breaker end	189291	189291	189291
§Bearing, driving end	189244	189291	189244
§Brush, spring and holder, earthing	455191	455191	455191
§Brush and spring, earthing	455190	455190	455190
§Pin and spring, securing pick-up	458370	458370	458370
§Seal, oil bearing	459002	459031	459002
§Cup, insulating driving end bearing	459005	451379	459005
§Sundry parts, set	458675	458675	458675

## MAGNETOS

Part No. Model	42347D NC1	42371A NC1
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



## ALTERNATOR

Part No. Model ...	...	...	...	...	...	...	1047534 RM15
Rotor ...	...	...	...	...	...	...	423506
§Stator ...	...	...	...	...	...	...	47122A
Pad, insulating ...	...	...	...	...	...	...	465918
Clip, cable ...	...	...	...	...	...	...	465717
Screw, cable, clip fixing ...	...	...	...	...	...	...	186092
Washer, fixing screw ...	...	...	...	...	...	...	128013
Nut, locking ...	...	...	...	...	...	...	—
Washer, locking ...	...	...	...	...	...	...	—
*Rectifier ...	...	...	...	...	...	...	47111
*Rectifier ...	...	...	...	...	...	...	47132

## CONTACT BREAKER UNITS

Part No. Model ...	...	...	...	...	...	47578H CA1A	47579H CA1A
Felt, lubricator ...	...	...	...	...	...	425251	425251
Support, lubricator felt ...	...	...	...	...	...	425833	425833
Screw, plate fixing ...	...	...	...	...	...	126504	126504
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 ...	...	...	...	...	...	425298	416136/S
§Toggle ...	...	...	...	...	...	407131	407131
§Weight ...	...	...	...	...	...	415729	415729
§Sleeve and action plate ...	...	...	...	...	...	425733	425733

## DISTRIBUTOR

Part No. Model ...	...	...	...	...	...	...	40589D 18D2
§Clamping plate ...	...	...	...	...	...	...	420151
Screw, clamping ...	...	...	...	...	...	...	415087
§Cover ...	...	...	...	...	...	...	425049
Brush and spring ...	...	...	...	...	...	...	404435
Grommet, rubber cap ...	...	...	...	...	...	...	421554
Clip, cable contact ...	...	...	...	...	...	...	421863
§Rotor arm ...	...	...	...	...	...	...	423486
Screw, terminal ...	...	...	...	...	...	...	123154
§Bush, insul, shaped ...	...	...	...	...	...	...	423110
§Connector, terminal to condenser ...	...	...	...	...	...	...	423108
Bush, insulating ...	...	...	...	...	...	...	423109
§Condenser ...	...	...	...	...	...	...	421748
Cover, rubber, condenser ...	...	...	...	...	...	...	421569
§Contact set ...	...	...	...	...	...	...	425219
§Plate, contact breaker base ...	...	...	...	...	...	...	423113
§Cam ...	...	...	...	...	...	...	425284
§Spring, set, auto advance ...	...	...	...	...	...	...	425512/S
§Weight, auto advance ...	...	...	...	...	...	...	421056/S
Ring, rubber, sealing ...	...	...	...	...	...	...	188639
Shaft and action plate ...	...	...	...	...	...	...	425444
Seal oil ...	...	...	...	...	...	...	188643
Clip, cap retaining ...	...	...	...	...	...	...	424158
Bush, bearing ...	...	...	...	...	...	...	425498
§Sundry parts set ...	...	...	...	...	...	...	425243

## COIL, IGNITION

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

## GENERATORS

Part No. Model ...	...	...	...	...	...	...	20035A E3L	20038B E3N
§Brushes, set ...	...	...	...	...	...	...	200737	200737
§Bracket or frame, commutator end ...	...	...	...	...	...	...	200713/S	200713/S
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 ...	...	...	...	...	...	...	369201	369201
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
§Cover, terminal ...	...	...	...	...	...	...	*200830	*200830

†For reference only. Serviced by stator and rotor  
§Recommended spares for stock \*Order separately

