

LUCAS
Quality
EQUIPMENT
&
SPARE PARTS



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

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

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EQUIPMENT SPECIFICATIONS AND PAGE INDEX

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UNIT	For details and illustrations see page	Single Cylinder Models A.J.S. 350 c.c. "16" and 500 c.c. "18" and Matchless 350 c.c. "G3" and 500 c.c. "G80"		Twin Cylinder Models A.J.S. 500 c.c. "20" and 650 c.c. "31" and Matchless 500 c.c. "G9" and 650 c.c. "G12"		Single Cylinder Competition Models A.J.S. 350 c.c. "16C" and 500 c.c. "18CS" and Matchless 350 c.c. "G3C" and 500 c.c. "G80CS"		Twin Cylinder De Luxe and Competition Models A.J.S. 500 c.c. "20Del" and 650 c.c. "31Del" and Matchless 500 c.c. "G9Del" and 650 c.c. "G12Del" and "G12CS" and "G12CSR"	
		Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR	7	RM15	047534	RM15	047534	CZU27	*36084F	CZU27	—
AMMETER	5	CZU27	*36084F	CZU27	*36084F	PUZ7E-11	54941756	PUZ7E-11	—
BATTERY	—	PUZ7E-11	865225	PUZ7E-11	865225	—	—	—	—
CABLE HARNESS	—	—	—	—	—	—	—	—	—
COIL, IGNITION	7	MA6	45077B	MA6	45077B	—	—	—	—
CONTROL BOX	5	—	—	—	—	—	—	—	—
" (later)	5	—	—	—	—	—	—	—	—
" (later)	5	—	—	—	—	—	—	—	—
CONTACT BREAKER	7	CA1A	147578H	CA1A	147578H	—	—	—	—
DISTRIBUTOR	7	CA1A	347579H	CA1A	347579H	—	—	—	—
GENERATOR	7	—	—	—	—	—	—	—	—
HORN	3	HF1441	70137A	HF1441	70137A	—	—	—	—
"	3	—	—	—	—	—	—	—	—
"	3	—	—	—	—	—	—	—	—
HORN PUSH AND DIPPER SWITCH	3	25SA	31563D	25SA	31563D	—	—	—	—
LAMPS	—	—	—	—	—	—	—	—	—
Head	—	—	—	—	—	—	—	—	—
Home	4-5	MCH57	58135A	MCH57	58135A	—	—	—	—
"	4-5	—	—	—	—	—	—	—	—
Export, vertical dip	4-5	MCH57	58136A	MCH57	58136A	—	—	—	—
"	4-5	—	—	—	—	—	—	—	—
Export, Europe not France	4-5	MCH57	58137A	MCH57	58137A	—	—	—	—
Export, France	4-5	MCH57-EF	58138A	MCH57-EF	58138A	—	—	—	—
Stop tail and number plate	5	564	53432B	564	53432B	—	—	—	—
Stop tail, number plate and reflex	5	—	—	—	—	—	—	—	—
MAGNETO	6	—	—	—	—	—	—	—	—
"	6	—	—	—	—	—	—	—	—
" (later)	6	—	—	—	—	—	—	—	—
MAGNETO (U.S.A. only)	6	—	—	—	—	—	—	—	—
RECTIFIER	7	—	—	—	—	—	—	—	—
" (later)	7	—	—	—	—	—	—	—	—
SWITCHES	—	—	—	—	—	—	—	—	—
Dipper	3	—	—	—	—	—	—	—	—
Lighting	4-5	—	—	—	—	—	—	—	—
Lighting and ignition	4-5	—	—	—	—	—	—	—	—
Stop lamp	5	—	—	—	—	—	—	—	—
Spring	5	—	—	—	—	—	—	—	—

§Competition

||De Luxe

‡Vertical dip

*Part of headlamp assembly

**Suitable replacement

§500 c.c.

‡350 c.c.

DIPPER SWITCH

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

HORNS

Part No.	069446	70137A	70136A	70146B
Model	HF1234	HF1441	HF1441	HF1849
Detailed Parts				
§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	—

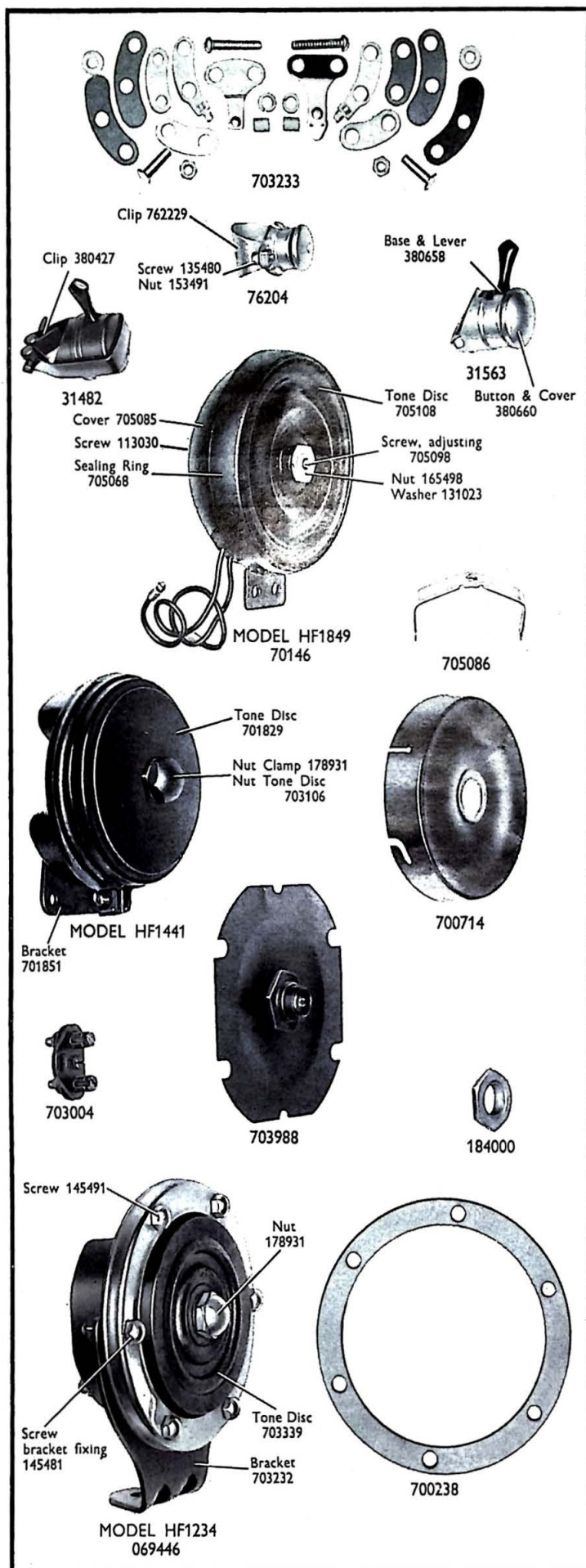
HORN PUSH

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

HORN PUSH AND DIPPER SWITCH

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

§Recommended spares for stock



HEADLAMPS

Home — Dip Left

Part No.	58135A	58152A	58154B
Model	MCH57P	MCH57P	MCH57P
Detailed Parts			
§Light unit	555309	516798	516798
§Bulbholder, main	554602	554602	554602
§Bulb, main	373	312	312

Export, Vertical Dip

Part No.	58136A	58152A	58154B
Model	MCH57P	MCH57P	MCH57P
Detailed Parts			
§Light unit	516798	516798	516798
§Bulbholder, main	554602	554602	554602
§Bulb, main	312	312	312

Export, Europe except France

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

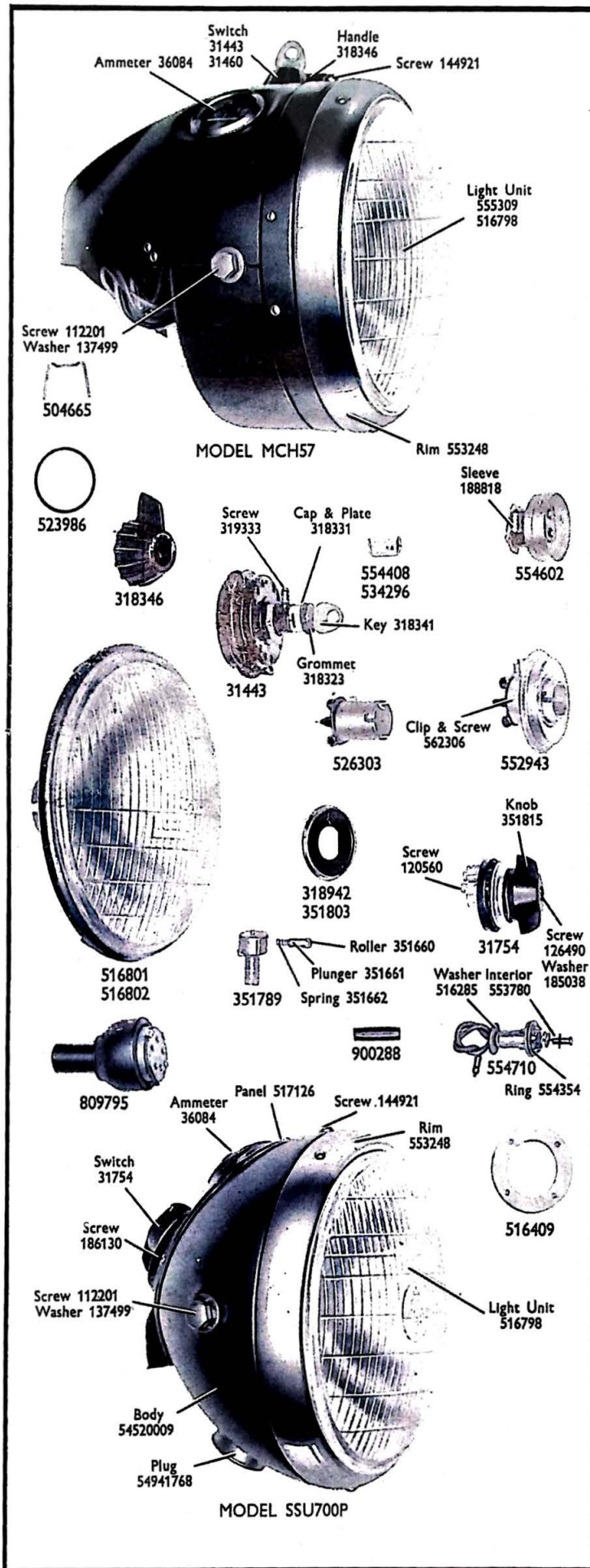
Export, France

Part No.	*58138A	—	—
Model	MCH57P-EF	—	—
Detailed Parts			
§Light unit	516802	—	—
§Backshell	552943	—	—
§Bulbholder, main	562303	—	—
Clip and screw, bulbholder	562306	—	—

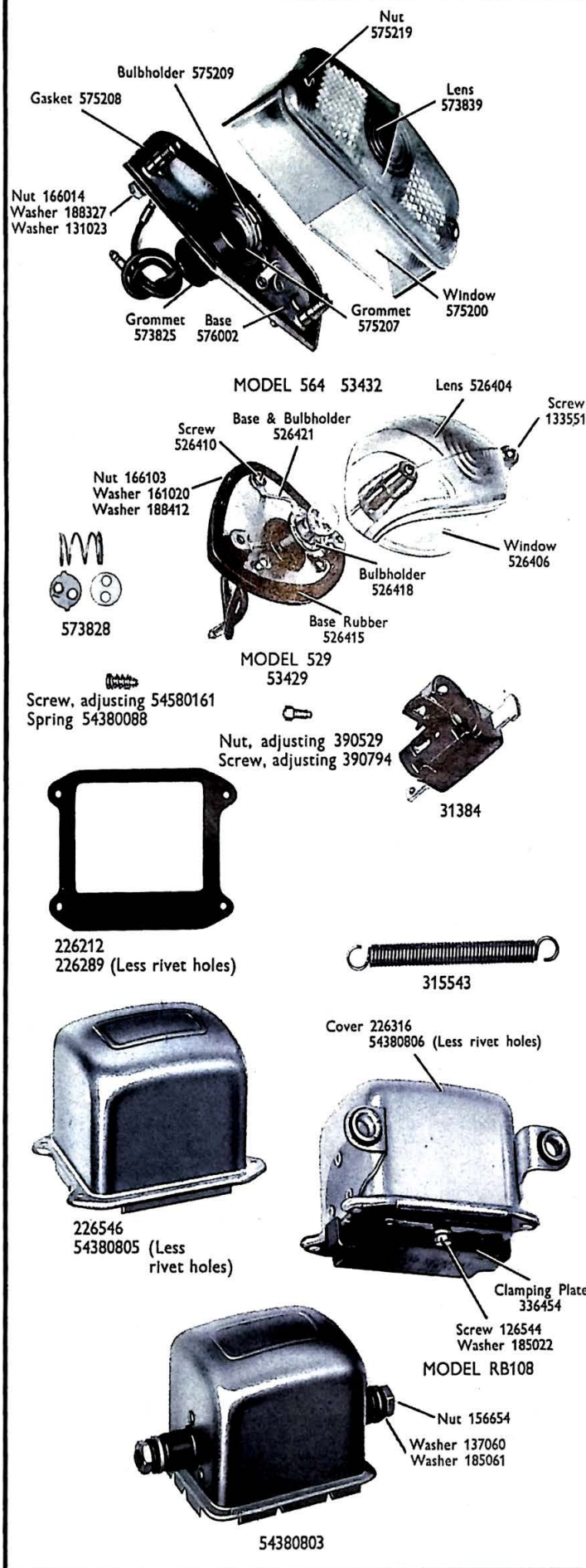
Parts shown below are standard to lamps in appropriate column

§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 ||Served by 31763 §Served by 31443



HEADLAMPS (Continued)



Part No.	Model	58224D	SSU700P
\$Panel	...	517126	
Screw, panel fixing	...	186130	
Ammeter	...	36084	
Ring, rubber, ammeter seating	...	523986	
Nut, terminal	...	166043	
Washer, lock	...	185022	
Switch	...	31754	
Knob	...	351815	
Screw, knob fixing	...	126490	
Washer, knob fixing screw	...	185038	
Screw, terminal	...	120560	
Shaft, headpiece	...	351789	
Roller	...	351660	
Plunger	...	351661	
Spring	...	351662	
\$Plate, escutcheon	...	351803	
\$Rim, or door	...	553248	
\$Wire, rim and light unit fixing	...	504665	
\$Screw, rim fixing	...	144921	
Place, rim fixing	...	534296	
\$Light unit	...	516798	
\$Bulbholder, main	...	554602	
\$Sleeve, terminal	...	188818	
\$Bulbholder, pilot	...	554710	
\$Interior, pilot bulbholder	...	553780	
\$Bulb, main	...	312	
\$Bulb, pilot	...	988	
Washer, cable grip	...	516285	
\$Screw, lamp fixing	...	112201	
Washer, lamp fixing screw	...	137499	
Screw, cable clip	...	186157	
Washer, cable clip screw	...	188453	
\$Connector, single	...	900288	
Plug and cable	...	54941768	
\$Screw, plug fixing	...	133303	
Nut, plug fixing screw	...	166103	
Washer, plug fixing screw	...	185012	
Ring, plug retaining	...	516409	
Body	...	54520009	
\$Socket	...	809795	

STOP TAIL, REFLEX & NUMBER PLATE

Part No.	Model	53432B	564
\$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

Part No.	Model	53429A	529
\$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

Part No.	Model	37225E	37225F	37232H
		37252A	37252B	RB108
		RB108	RB108	RB108
\$Cover	...	†226316	†54380806	54380803
Washer, plain	...	†226546	†54380805	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
†Fitted to 37225 Control Box

||Order separately
†Fitted to 37252 Control Box

§Nut



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	410500	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	459304
\$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	47132	47111
Factor
Factor
Pad, insulating
Clip, cable
Screw, cable, clip fixing
Washer, fixing screw
Nut, locking
Washer, locking
*Rectifier
*Rectifier

CONTACT BREAKER UNITS

Part No.	Model	47578H	47579H
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
Spring, 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	420151
Screw, clamping	...	415087	415087
Cover	...	425049	425049
Bush and spring	...	404435	404435
Grommet, rubber cap	...	421554	421554
Clip, cable contact	...	421863	421863
Rotor arm	...	423486	423486
Screw, terminal	...	123154	123154
Bush, insul, shaped	...	423110	423110
Connector, terminal to condenser	...	423108	423108
Bush, insulating	...	423109	423109
Condenser	...	421748	421748
Cover, rubber, condenser	...	421569	421569
Contact set	...	425219	425219
Plate, contact breaker base	...	423113	423113
Cam	...	425284	425284
Spring, set, auto advance	...	425512/S	425512/S
Weight, auto advance	...	421056/S	421056/S
Ring, rubber, sealing	...	188639	188639
Shaft and action plate	...	425444	425444
Seal oil	...	188643	188643
Clip, cap retaining	...	424158	424158
Bush, bearing	...	425498	425498
Sundry parts set	...	425243	425243

COIL, IGNITION

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

GENERATORS

Part No.	Model	20035A	20038B
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

