

ADVANCE INFORMATION

SPARES LIST No. CE 1242A.

# LUCAS

*Quality*

## EQUIPMENT

&

## SPARE PARTS



1956

A.M.C.

MOTOR CYCLES

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

Compiled and issued by Technical Records Department, Joseph Lucas (Sales & Service) Ltd., Great Hampton Street, Birmingham, 18  
COPYRIGHT.—All rights reserved. No part of this publication may be reproduced without permission

# EQUIPMENT SPECIFICATIONS AND PAGE INDEX

DESCRIPTION	Single Cylinder Models A.J.S. 347cc. '16MS'; 498cc. '18S' Matchless 347cc. 'G3LS'; 498cc. 'G80S' Competition Models (Single Cylinder) A.J.S. '16MCT,' '16MCS' and '18CS' Trials and Scrambles Matchless 'G3LCT,' 'G3LCS, and 'G80CS' Trials and Scrambles		Twin Cylinder Models A.J.S. 500cc. '20'; 600cc. '30' Matchless 500cc. 'G9'; 'G11'		
	See page	Model	Part No.	Model	Part No.
AMMETER ... ..	4	CZU27	36084F	CZU27	36084F
BATTERY ... ..	—	PUZ7E-11	—	PUZ7E-11	—
(Competition) ... ..	—	PUZ7E-9	—	—	—
CONTROL BOX ... ..	4	MCR2	37224A	MCR2	37223A
(Competition) ... ..	4	MCR2	37144A	—	—
GENERATOR ... ..	5	E3N	20028B	E3L	20009J
HORN ... ..	3	HF1441	70137A	HF1441	70137A
(Competition) ... ..	3	HF1234	069446	—	—
HORN PUSH					
(Export, except Holland) ... ..	—	HP26	76209A	HP26	76209A
(Competition) ... ..	3	4A	76204A	—	—
LAMPS					
Head					
Home and Export (except destinations listed) ... ..	3	MCH57	51655A	MCH57	51655A
Export, Europe not France ... ..	3	MCH57	51658A	MCH57	51658A
Export, France ... ..	3	MCH57EF	51656A	MCH57EF	51656A
Competition models ... ..	3	MU42	50791D	—	—
Competition models (later) ... ..	3	SSU700P	51889A	—	—
Side ... ..	4	516	52224A	516	52224A
Stop tail, number plate and reflex (except competition models) ... ..	4	564	53432A	564	53432A
Tail and number plate (Competition models) ... ..	4	529	53428A	—	—
Tail and number plate (Special orders) ... ..	4	529	53508A	—	—
MAGNETOS ... ..	4-5	SR1	42294A	K2F	42230D
(Competition) ... ..	4	NR1	42179N	—	—
AUTO ADVANCE UNIT ... ..	4	—	‡47541D	—	—
			‡47544D	—	—
SWITCHES					
Dipper (Export, (except Holland) and Competition) ... ..	3	9AC	31405A	9AC	31405A
Horn push and dipper (Home and Export, Holland, except Competition) ... ..	3	25SA	31563A	25SA	31563A
Lighting ... ..	3	U39	31340A	U39	31340A
(Competition) ... ..	3	U39	31315A	U39	31315A
Stop lamp ... ..	—	22B	31384A	22B	31384A
Spring ... ..	—	—	315543	—	315543

‡500 c.c. Models.

‡350 c.c. Models.

DIPPER SWITCH		
Model Ordering No.	9AC 31405A	
<b>Detailed Parts</b>		
Screw, fixing ... ..	100521	
LIGHTING SWITCH		
Model Ordering No.	U39 31315A	U39 31340A
<b>Detailed Parts</b>		
§Handle, with fixing screw ... ..	351724	351567
Shaft head piece ... ..	351501	351501
Roller contact ... ..	351660	351660
Plunger, contact ... ..	351661	351661
Spring, contact plunger ... ..	351662	351662
§Screw, terminal ... ..	120560	120560
Spring, switch fixing ... ..	308234	308234
§Ring, rubber switch fixing ... ..	523986	523986
§Washer, locking, handle fixing screw ... ..	188408	188408
Nut, contact stud ... ..	166103	166103
HORNS		
Model Ordering No.	HF1234 069446	HF1441 70137A
<b>Detailed Parts</b>		
§Bracket ... ..	701686	701851
Tone disc ... ..	703339	700728
Screw, bracket fixing ... ..	145481	
Screw, cover fixing ... ..	145491	
Nut, tone disc ... ..	178931	703106
Nut, clamp, front ... ..	—	178931
§Diaphragm ... ..	703988	700714
Nut, diaphragm fixing ... ..	184000	183784
Washer, diaphragm packing ... ..	700238	—
§Contact set ... ..	703233	703233
Terminal block ... ..	703004	703004
§Sundry parts set ... ..	703235	703235
HORN PUSH		
Model Ordering No.	4A 76204A	
<b>Detailed Parts</b>		
§Screw, terminal ... ..	119520	
§Screw, fixing ... ..	135480	
§Nut, fixing ... ..	153490	
HORN PUSH AND DIPPER SWITCH		
Model Ordering No.	25SA 31563A	
<b>Detailed Parts</b>		
Button and Cover ... ..	380660	
Base and lever ... ..	380658	
§Screw, terminal ... ..	120610	

§Recommended stock item.

HEADLAMPS	Home & Export, Except destinations listed	Export, France	Export, Europe not France
	Model Ordering No.	MCH57 51655A	MCH57EF 51656A
<b>Detailed Parts</b>			
§Rim or door ... ..	553248	553248	553248
§Screw, rim fixing ... ..	144921	144921	144921
§Light unit ... ..	553925	553949	553940
§Wires, light unit fixing ... ..	504665	504665	504665
§Backshell ... ..	—	552943	—
§ Adaptor ... ..	860895	562303	860895
Clip and screw, adaptor ... ..	—	562306	—
§Sleeve, terminal ... ..	188818	188818	188818
§Bulb, main ... ..	312	—	403
§Switch, lighting ... ..	31340A	31340A	31340A
§Ammeter ... ..	36084F	36084F	36084F
HEADLAMP			
Model Ordering No.	SSU700P 51889A		
<b>Detailed Parts</b>			
§Panel, complete ... ..	516494		
Screw, panel fixing ... ..	186130		
§ Ammeter (details on page 4) ... ..	36084F		
§ Switch, lighting (details on this page) ... ..	31315A		
§Rim or door ... ..	553248		
§ Wires, fixing ... ..	504665		
§Screw, rim fixing ... ..	144921		
Plate, rim fixing ... ..	534296		
§Light unit ... ..	516798		
§Bulbholder, main ... ..	554602		
§Bulbholder, pilot ... ..	554710		
§ Interior, pilot ... ..	553780		
§ Ring, pilot, bulbholder seating ... ..	554354		
§Bulb, main ... ..	312		
§Bulb, pilot ... ..	988		
§Sleeve, terminal ... ..	188818		
§Screw, lamp fixing ... ..	517105		
Washer, lamp fixing screw ... ..	137141		
§Connector, single ... ..	900288		
§Nipple, cable ... ..	900269		
§Plug and cable assembly ... ..	863193		
Switch, pilot light, P.S.9 ... ..	31024		
HEADLAMP			
Model Ordering No.	MU42 50791D		
<b>Detailed Parts</b>			
§Panel ... ..	516524		
Screw, panel fixing ... ..	186130		
§ Ammeter (details on page 4) ... ..	36084F		
§ Switch, lighting (details on this page) ... ..	31315A		
§Rim or door with lens ... ..	509484		
§ Wire, lens fixing ... ..	500291		
§ Lens... ..	550875		
§Bead ... ..	553065		
§Reflector ... ..	553147		
§Bulbholder, main ... ..	504801		
Clip and screw ... ..	551807		
§Interior, pilot ... ..	500181		
§Bulb, main ... ..	168		
§Bulb, pilot ... ..	200		
§Catch, front rim ... ..	509936		
Spring ... ..	509191		
Cord, rubber ... ..	516399		
§Screw, lamp fixing ... ..	112201		
Washer, lamp fixing ... ..	137141		
§Sleeve, terminal ... ..	188818		
§Plug ... ..	859260		
§Socket ... ..	809795		

§Recommended stock item.

SIDE LAMP			
Model Ordering No.	516 52224A		
<b>Detailed Parts</b>			
§Screw, bulbholder ... ..	116141		
Washer ... ..	161385		
§Rim or door ... ..	573646		
§Lens ... ..	573615		
Rubber, lens seating... ..	573619		
Bracket with bulbholder ... ..	573624		
§Interior ... ..	553780		
Nut, lamp fixing ... ..	181261		
Base, lamp seating ... ..	516719		
§Bulb ... ..	988		
STOP TAIL, REFLEX AND NUMBER PLATE LAMP			
Model Ordering No.	564 53432A		
<b>Detailed Parts</b>			
§Lens ... ..	573839		
§Window ... ..	575200		
§Screw, lens retaining ... ..	552928		
Base assembly ... ..	575212		
§Bulbholder assembly (shell) ... ..	575209		
§Grommet, bulbholder ... ..	575207		
§Contact assembly ... ..	573828		
§Gasket, lens seating ... ..	575208		
§Grommet, cable ... ..	573825		
§Bulb ... ..	384		
Washer, fixing bolt spacer ... ..	131023		
§Nut, lamp securing ... ..	166014		
§Washer, securing nut ... ..	188327		
TAIL AND NUMBER PLATE LAMP			
Model Ordering No.	529 53508A	529 53428A	
<b>Detailed Parts</b>			
§Lens ... ..	526427	526404	
§Window ... ..	—	526406	
§Screw, fixing ... ..	526426	133551	
§Bulbholder ... ..	526418	526418	
Base, rubber ... ..	526415	526408	
Screw, base fixing ... ..	526410	526410	
§Washer, screw retaining ... ..	161020	—	
Nut, base screw ... ..	166103	—	
Washer, securing nut ... ..	188412	—	
§Bulb ... ..	352	951	
CONTROL BOX			
Model Ordering No.	MCR2 37144A	MCR2 37224A	MCR2 37223A
<b>Detailed Parts</b>			
§Cover ... ..	391454	391454	391454
§Clip, cover fixing ... ..	391453	391453	391453
§Regulator ... ..	33141A	33141A	33109B
Screw, regulator fixing ... ..	100384	100384	100384
Washer, regulator fixing screw ... ..	185038	185038	185038
Clamping plate ... ..	390387	390387	390387
Screw, fixing ... ..	132504	132504	132504
Screw, adjusting ... ..	390794	390794	390794
Nut, adjusting screw ... ..	390529	390529	390529
AMMETER			
Model Ordering No.	CZU27 36084F		
<b>Detailed Parts</b>			
§Nut, terminal ... ..	166043		
§Washer, terminal ... ..	185022		
§Ring, rubber ... ..	523986		

§Recommended stock item.

MAGNETO		
Model Ordering No.	SR1 42294A	
<b>Detailed Parts</b>		
§Cover ... ..	458019	
§ Gasket, rubberised cork ... ..	458194	
Screw, cover fixing, short ... ..	144416	
Screw, cover fixing, long ... ..	144406	
Terminal, low tension ... ..	491320	
Bush, low tension terminal, insulating ... ..	458028	
§Condenser ... ..	491329	
§Contact set ... ..	458053	
§Plate, contact breaker end ... ..	458042	
§Bearing, contact breaker end ... ..	189289	
§Cup, bearing insulating ... ..	451378	
Shim, .003" packing ... ..	458044	
Shim, .005" packing ... ..	458045	
Shim, .010" packing ... ..	458046	
§Cam ... ..	458020	
§Nut, shaft ... ..	170109	
Washer, shaft nut ... ..	140079	
Magnetic rotor ... ..	458037	
§Bearing, drive end ... ..	189291	
§Cup, bearing insulating ... ..	451379	
§Oil seal ... ..	458375	
§Coil, wound ... ..	457989	
Terminal, cut out ... ..	407019	
Insulating cushion, cut out terminal ... ..	457978	
Insulating piece, cut out terminal ... ..	490547	
Strip, earthing ... ..	490531	
Cover, rubber, earthing terminal ... ..	490530	
§Sundry parts set ... ..	490663	
MAGNETO		
Model Ordering No.	NR1 42179N	
<b>Detailed Parts</b>		
§Cover, pick-up, waterproof, rubber ... ..	457810	
Clip, cable to cover, with screw ... ..	455733	
§Pick up assembly ... ..	456794	
§ Brush and spring ... ..	451260	
Nut, moulded ... ..	455791	
Washer, seating ... ..	455622	
§Cover, contact breaker ... ..	459199	
Bolt ... ..	459198	
Cap, breather ... ..	459194	
Screw, taper head, contact breaker fixing ... ..	455233	
§Contact breaker assembly ... ..	470914	
§ Brush and spring, contact breaker earth ... ..	470537	
§Control parts set ... ..	457117	
Cover, barrel, waterproof rubber ... ..	454475	
Clip, seal, cable to cover ... ..	455734	
Washer, barrel seating ... ..	164724	
Nipple, cable ... ..	455788	
§Nut, shaft ... ..	170104	
Washer, plain, shaft ... ..	140074	
§Brush, spring and holder, magneto earth ... ..	455191	
§ Brush and spring, magneto ... ..	455190	
§Sundry parts set ... ..	458869	
AUTO ADVANCE UNITS		
Ordering No.	47544D	47541D
<b>Detailed Parts</b>		
§Spring ... ..	498157/S	416060/S
Washer, cover clip ... ..	498131	498131
Washer, disc cover ... ..	498339	498339
Nut, fixing ... ..	498303	498303

§Recommended stock item.

<b>MAGNETO</b>		
Model Ordering No.	K2F 42230D	
<b>Detailed Parts</b>		
§Pick up, right hand ... ..		458367
§Pick up, left hand ... ..		458368
Washer, seating ... ..		458346
§    Brush and spring ... ..		451260
§    Nut, moulded ... ..		410600
Grommet, rubber ... ..		458658
§Cover, contact breaker ... ..		459037
Screw, contact breaker fixing ... ..		122160
§Contact breaker ... ..		470534
Bush, insulating ... ..		470555
Bush, insulating, contact screw block ... ..		470684
§    Contact set ... ..		470609
§    Springs set, actuating ... ..		470688
§Control parts set ... ..		458728
Nipple, cable ... ..		455788
Cap, rubber ... ..		458731
§Cam ... ..		458725
§Plate, with bearing ring ... ..		459036
§    Cup, bearing insulating ... ..		451379
Stud, special, end plate fixing ... ..		459035
Nut, special, cover fixing ... ..		153474
Screw, cam fixing ... ..		463931
Pin, special, cam timing screw ... ..		186060
Washer, -003" shim, packing ... ..		458355
Washer, -005" shim, packing ... ..		458356
§Nut, shaft ... ..		170104
Washer, plain, shaft ... ..		140074
§Armature ... ..		459004
§    Slip ring ... ..		455361
Bolt, through fixing ... ..		458514
Condenser ... ..		458339
Oil, thrower ... ..		463944
Collar, steel packing ... ..		455634
Collar, steel, bearing retaining ... ..		455340
§Bearing, contact breaker end ... ..		189291
§Bearing, drive end ... ..		189244
§Cup, bearing insulating ... ..		459005
§Oil seal, rubber ... ..		459002
§Brush, spring and holder, earth ... ..		455191
§    Brush and spring ... ..		455190
§Spring and pin, pick up ... ..		458370
§Sundry parts set ... ..		458675
<b>GENERATOR</b>		
Model Ordering No.	E3N 20028B	E3L 20009J
<b>Detailed Parts</b>		
§Cover band assembly ... ..	200609	200609
Screw, cover band fixing ... ..	127580	127580
Nut, cover fixing screw ... ..	169160	169160
§Brush set ... ..	200737	200737
§Bracket or frame, commutator end ... ..	200713	200713
§Bearing ... ..	189210	189210
Washer, felt bearing ... ..	200708	200708
Cup, felt bearing washer ... ..	200709	200709
§Insulating plate with brush boxes ... ..	200738	200738
§    Spring set, brush tension ... ..	220197	220197
§Cover assembly ... ..	200826	200826
Terminal pin ... ..	200229	200229
Plate, clamping terminal ... ..	200829	200829
§Bearing, drive end ... ..	189307	189307
§Bracket or frame, drive end ... ..	200805	200760
Plate, bearing ... ..	200799	200748
§    Oil, seal ... ..	—	188614
§Nut, shaft ... ..	170104	—
§Screw, gear retaining ... ..	—	111704
Nut, bearing retaining ... ..	200800	—
§Armature ... ..	200802	200712
§Field coil ... ..	200188	200731
§Bolt, through fixing ... ..	200227	200732
§Sundry parts set ... ..	200806	200806

§Recommended stock item