LUCAS
GIRLING

EQUIPMENT AND SERVICE PARTS

CE824/67

B.S.A.
Motor Cycles

1967

This publication incorporates NVS 2336 and 2339 which should be destroyed.

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EQUIPMENT SPECIFICATIONS AND PAGE INDEX

UNIT	See Page	650 c.c. A65 'Hornet'		500 c.c. A50 'Royal Star' 650 c.c. A65 'Thunderbolt' 650 c.c. A65 'Lightning' 650 c.c. A65 'Spitfire' Mk. III		250 c.c. 'Barracuda' 350 c.c. B44 'Roadster'		440 c.c. B44 'Victor-Enduro'	
		Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR serviced by:—	3	RM19	—	RM19	—	RM19	—	RM19	—
Rotor	3	—	54213901	—	54213901	—	54213901	—	54213901
Stator	3	—	47197A	—	47162A	—	47162A	—	47197A
AMMETER	3	—	—	2AR	†36296A	2AR	†36296A	—	—
BATTERY	–	—	—	PUZ5A	54027029	PUZ5A	54027029	—	—
CABLE HARNESS	–	—	54934952	—	54950625	—	54952732	—	54933943
COIL, IGNITION	3	3ET (L.H.) 3ET (R.H.)	45150A 45149A	MA12	¶45110D	MA12	¶45110D	3ET	45149A
CONDENSER	3	—	¶54441582	—	—	—	—	—	—
CONTACT BREAKER	3	4CA	*47612E (425379 and 54416150)	4CA	*47628A (425379 and 54419167)	4CA	47621D (54415296 and 54416405)	4CA	*47624A (54415296 and 54417989)
DIODE, ZENER	3	—	—	ZD715	49345A	ZD715	49345A	—	—
FUSED EARTH LEAD	3	—	—	—	54938986	—	—	—	—
HORN	3	—	—	6H	*70197A (70183)	6H	*70197A (70183)	—	—
LAMPS									
Head									
Home and Export	4	—	—	SS700P	59658A/B	SS700P	59658A/B	MCH66	58395L
Export Europe	4	—	—	SS700P	59660A/B	SS700P	59660A/B	—	—
Export France	4	—	—	SS700P	59659B/D	SS700P	59659B/D	—	—
Stop tail, number plate illumination and reflex	5	—	—	679	53973D	679	53973D	679	53972D
RECTIFIER	3	—	—	2DS506	49072A	2DS506	49072A	—	—
SWITCHES									
Dipper	5	—	—	—	—	—	—	PS9	†31620F
Engine cut-out	5	SS5	*31071D (31107)	—	—	—	—	—	—
Ignition	5	—	—	S45	31899B	S45	31899B	—	—
Lighting	5	—	—	88SA	†34289A	88SA	†34289A	PS6	†31356B
Knob	5	—	—	—	†54330934	—	†54330934	—	—
Socket with cables	5	—	—	—	54930007	—	54930007	—	—
Escutcheon plate	5	—	—	—	54330576	—	54330576	—	—
Stop Lamp	5	—	—	6SA	34448B	6SA	31827B	—	—
WARNING LIGHT, MAIN BEAM	4	—	—	WL15	†38189A	WL15	†38189A	WL15	†38189A
REAR SUSPENSION UNIT (Serviced by Girling Ltd.)	–	—	4475(SB4)	—	4475(SB4)	—	4927(SB4)	—	4545(SB4)

UNIT	See Page	440 c.c. B44 'Grand-Prix Victor'		250 c.c. C15 'Star'		D10 Bantam 'Silver', 'Supreme', 'Sports' and 'Bushman'	
		Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR serviced by:—	3	RM19	—	RM18	—	—	—
Rotor	3	—	54213901	—	54213903	—	—
Stator	3	—	47197A	—	47161B	—	—
AMMETER	3	—	—	CZU27	36084F	—	—
BATTERY	–	—	—	MLZ9E	54028459	PUZ5E-11	24082094
CABLE HARNESS	–	—	54938164	—	54937919	—	—
Export U.S.A.	–	—	—	—	54937920	—	—
COIL, IGNITION	3	3ET	45149A	MA6	45152B	—	—
CONTACT BREAKER	3	4CA	*47624A (54415296 and 54417989)	4CA	*47621D (54415296 and 54416405)	—	—
HORN	–	—	—	6H	*70196A (70182)	—	—
LAMPS							
Head							
Home and Export	4	—	—	MCF575P	58234D	—	—
Export Europe	4	—	—	MCF575P	58392A	—	—
Export France	4	—	—	MCF575P	58391A	—	—
Stop tail, number plate illumination and reflex	5	—	—	564	53432D	—	—
Export U.S.A.	5	—	—	679	53972D	679	53972D
RECTIFIER	3	—	—	2DS506	49072A	—	—
SWITCHES							
Ignition	5	—	—	88SA	34427B	—	—
Cover	5	—	—	—	54336178	—	—
Escutcheon plate	5	—	—	—	54330576	—	—
Lighting	5	—	—	88SA	34289A	—	—
Knob	5	—	—	—	54330934	—	—
Escutcheon plate	5	—	—	—	54330576	—	—
Stop lamp	5	—	—	6SA	31827B	—	—
REAR SUSPENSION UNIT (Serviced by Girling Ltd.)	–	—	4757(SB4)	—	3973(SC2·6)	—	§3983 (SC3) ‖4911 (SC3)

When ordering, quote part number shown in brackets. † Part of headlamp. ¶ 2 off. §D10 Bantam 'Silver' and 'Supreme' only. ‖'Sports' and 'Bushman' only.

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ALTERNATOR STATORS

Part No. / Model	47161B RM18	47162A RM19	47197A RM19
Cable clip	54213907	54210167	—
Washer, cable clip	131023	131023	—

RECTIFIER

Part No. / Model	49072A 2DS506
Nut, fixing	156594

AMMETERS

Part No. / Model	36084F CZU27	36296A 2AR
Ring, rubber	523986	—
Nut, terminal	166043	166043
Washer, terminal	185040	185040

CONTACT BREAKER UNITS

Part No. / Model	47612E 4CA	47612D 4CA
Contact breaker	425379	54415296
Contact set	54415803	54415803
Nut, condenser angle plate fixing	169194	169194
Plate, condenser terminal insulating	425382	425382
Condenser	425377	425377
Plate, contact breaker base	425370	425370
Felt, cam lubricating	425378	425378
Auto advance unit	54416150	54416405
Cam	54415053	54440029
Springs, auto advance	54415641	54415640
Weights, auto advance	54440031	54440031
Sleeve and action plate	54417203	54415749

Part No. / Model	47624A 4CA	47628A 4CA
Contact breaker	54415296	425379
Contact set	54415803	54415803
Nut, condenser angle plate fixing	169194	169194
Plate, condenser terminal insulating	425382	425382
Condenser	425377	425377
Plate, contact breaker base	425370	425370
Felt, cam lubricating	425378	425378
Auto advance unit	54417989	54419167
Cam	54415053	—
Springs, auto advance	54417992	54413020
Weights, auto advance	54440031	—
Sleeve and action plate	54417203	—

HORNS

Part No. / Model	70196A 6H	70197A 6H

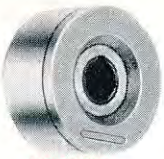
IGNITION COILS

Part No. / Model	45152B MA6	45110D MA12	45149A 45150A 3ET
Grommet, rubber	421554	421554	—
Clip, cable contact	421863	421863	—
Nut, terminal	166043	166043	—
Clip, coil retaining	—	—	54441104
Lamination	—	—	54441946
Connector, double male Lucar	54190108	54190108	864980
Connector, female Lucar	—	—	54942078
Sleeve, Lucar	—	—	54190042
Washer, shakeproof terminal	188330	188330	—
Washer, plain terminal	131023	131023	—
Eyelet	—	—	187736

FUSED EARTH LEAD

Part No.	54938986
Eyelet	900450
Eyelet	850406
Fuse holder	54190387
Fuse 35 amp.	188218

Stator (typical)


54213901
54213903

49345

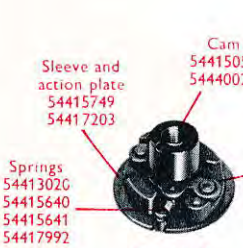
36084

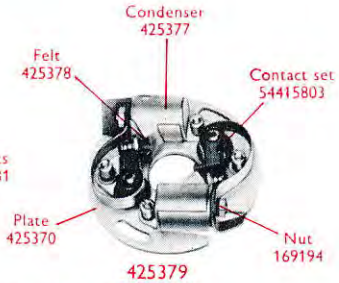
523986

36296

54441582

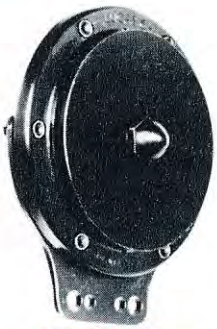
Nut
156594
49072


Sleeve and action plate
54415749
54417203
Cam
54415053
54440029
Springs
54413020
54415640
54415641
54417992
Weights
54440031
54416150
54416405
54417989
54419167
MODEL 4CA


Condenser
425377
Felt
425378
Contact set
54415803
Plate
425370
Nut
169194
425379
54415296

850406

900450

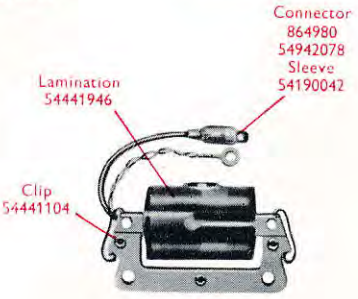

MODEL 6H

54190387

Grommet
421554
Cable clip
421863

188218

Connector
54190108
45152
45110 (12 volt)


Connector
864980
54942078
Sleeve
54190042
Lamination
54441946
Clip
54441104
45149
45150

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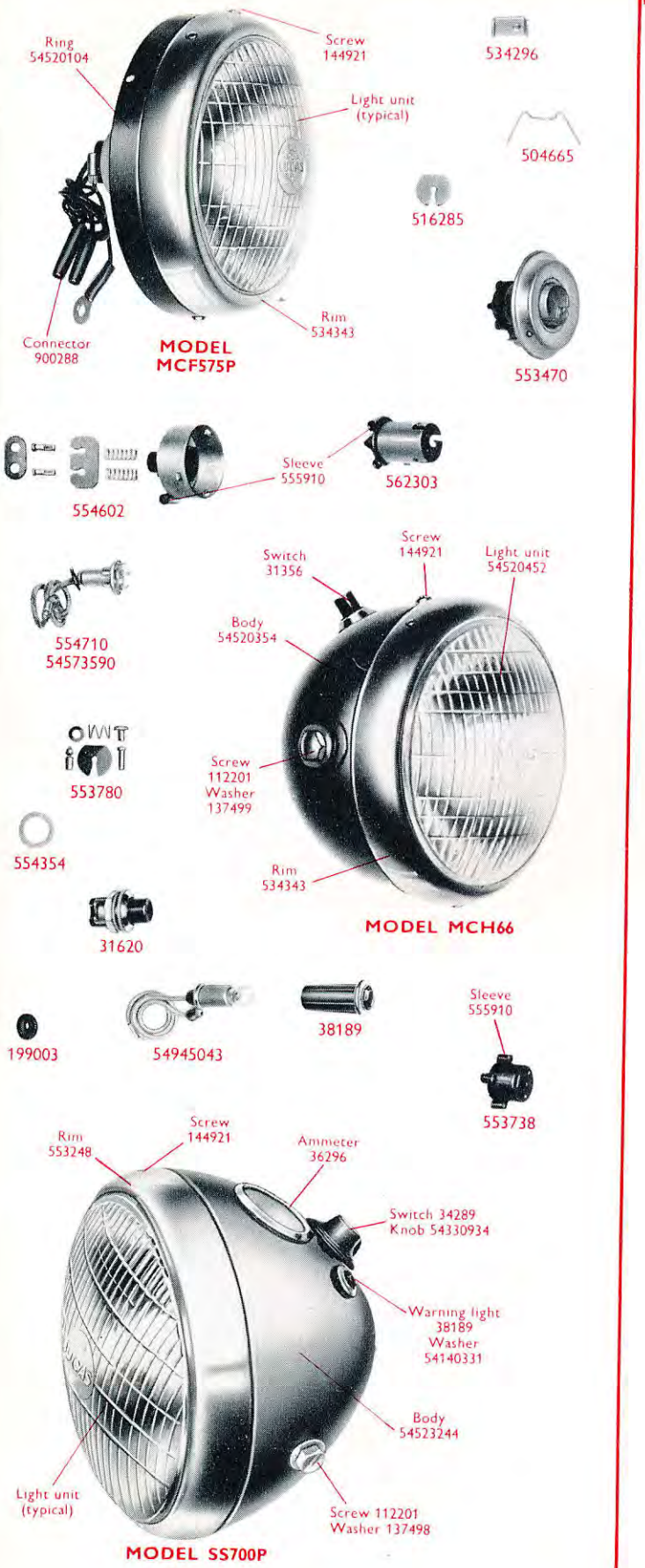

HEADLAMPS

Part No. / Model	58234D MCF575P	58391A MCF575P	58392A MCF575P
Rim	534343	534343	534343
Screw, rim fixing	144921	144921	144921
Plate, rim screw fixing	534296	534296	534296
Light unit	516828	516912	516829
Wires, light unit fixing	504665	504665	504665
Bulbholder, main	554602	553470	554602
Bulbholder		562303	—
Sleeve, terminal	555910	555910	555910
Bulbholder, pilot	554710	554710	554710
Interior, pilot bulbholder	553780	553780	553780
Ring, rubber	554354	554354	554354
Connector cable	900288	900288	900288
Washer cable grip	516285	516285	516285
Ring, fixing	54520104	54520104	54520104
Bulb, main	312	—	377
Bulb, pilot	988	988	988

Part No. / Model	58395L MCH66
Rim or door	534343
Wire, reflector fixing	504665
Screw, rim fixing	144921
Plate, rim fixing	534296
Switch, lighting (see page 5 for details)	31356
Switch, dip (see page 5 for details)	31620
Light unit	54520452
Bulbholder, main	554602
Sleeve, terminal	555910
Grommet, cable entry	199003
Screw, lamp fixing	112201
Washer, screw fixing	137499
Warning light	38189A
Bulbholder, warning light	54945043
Bulb, warning light	282
Body	54520354
Bulb	166

Part No. / Model	59658A/B SS700P	59659B/D SS700P	59660A/B SS700P
Rim or door	553248	553248	553248
Wire, fixing	504665	504665	504665
Screw, rim fixing	144921	144921	144921
Plate, rim fixing	534296	534296	534296
Ammeter (see page 3 for details)	36296	36296	36296
Warning light body assembly	38189	38189	38189
Washer, warning light sealing	54140331	54140331	54140331
Switch, lighting (see page 5 for details)	34289	34289	34289
Knob	54339034	54330934	54330934
Light unit	516798	54522680	516801
Bulbholder, main	554602	—	554602
Sleeve, terminal	555910	—	555910
Adaptor	—	553738	—
Connector, double	—	850641	—
Connector, single	—	900288	—
Sleeve, terminal	—	555910	—
Bulbholder, pilot	554710	54573590	554710
Interior, pilot	553780	553780	553780
Ring, rubber, seating	554354	554354	554354
Washer, cable grip pilot	516285	516285	516285
Screw, lamp fixing	112201	112201	112201
Washer, lamp screw fixing	137498	137498	137498
Body	54523244	54523244	54523244
Bulb, main	446	411	370
Bulb, pilot	989	989	989

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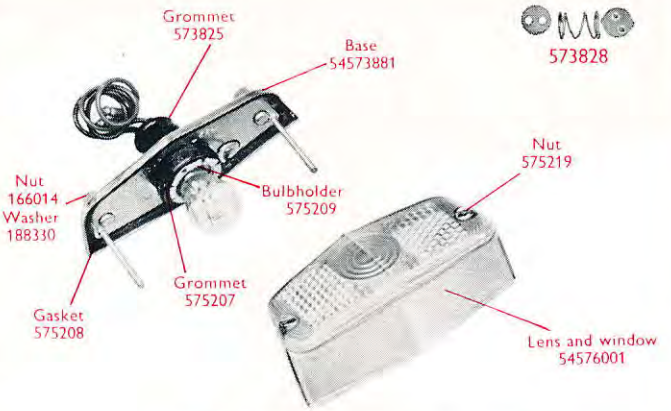
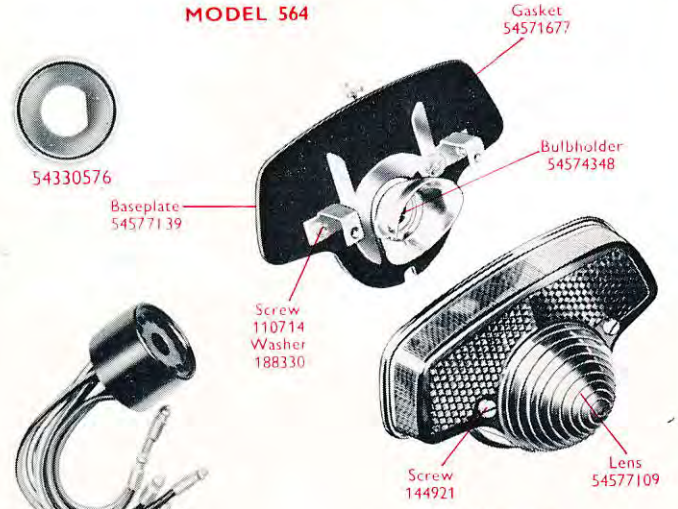
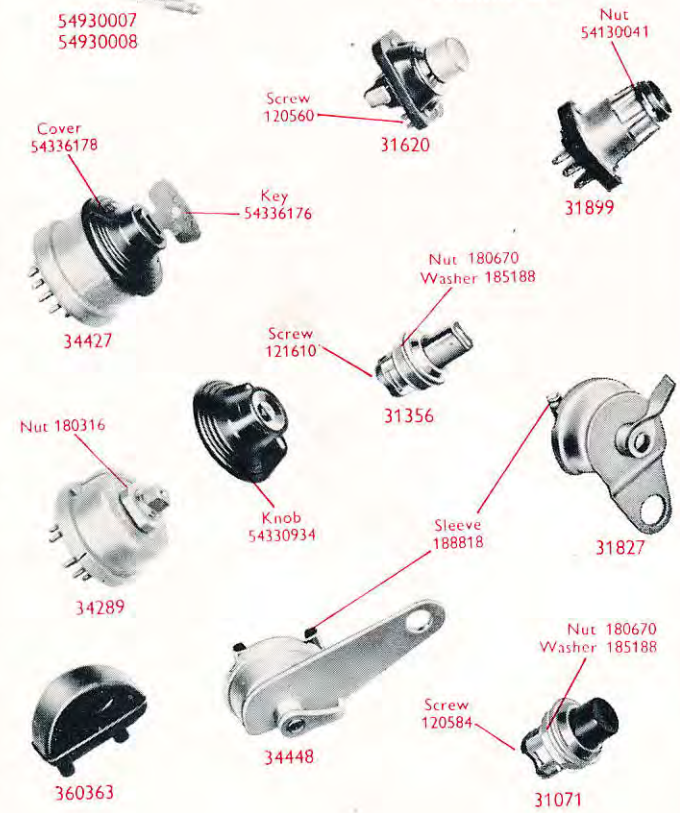


MODEL 564



MODEL 679



STOP TAIL, REFLEX AND NUMBER PLATE ILLUMINATION LAMPS

Part No. / Model	53394D 564
Lens and window	54576001
Nut, lens fixing	575219
Gasket, lens seating	575208
Base	54573881
Grommet, bulbholder	575207
Bulbholder, shell	575209
Interior, bulbholder	573828
Grommet cable	573825
Nut, lamp fixing	166014
Washer, shakeproof	188330
Washer, spacer, bolt fixing	131023
Bulb	352

Part No. / Model	53972D 679	53973D 679
Lens	54577109	54577109
Screw, lens fixing	144921	144921
Bulbholder, with reflector	54574348	54574348
Interior, bulbholder	573828	573828
Baseplate	54577139	54577139
Gasket, lamp seating	54571677	54571677
Screw, lamp fixing	110714	110714
Washer, screw fixing	—	188330
Bulb	384	380

DIPPER SWITCH

Part No. / Model	31620F PS9
Screw, terminal	120560

IGNITION SWITCHES

Part No. / Model	31899B S45	34427B 88SA
Key	—	54336176
Socket with cables	—	*54930008
Nut, fixing	54130041	54336177
Cover	—	*54336178

LIGHTING SWITCHES

Part No. / Model	31356B PS6	34289A 88SA
Screw, terminal	121610	—
Socket with cables	—	*54930007
Washer, spring, nut fixing	185188	—
Nut, fixing	180670	180316
Knob	—	*54330934

STOP LAMP SWITCHES

Part No. / Model	31827B 6SA	34448B 6SA
Sleeve, terminal	188818	188818
Cover, rubber, terminal	—	360363

CUT-OUT SWITCH

Part No. / Model	31071D SS5
Screw, terminal	120584
Nut, fixing	180670
Washer, spring	185188

* Order separately

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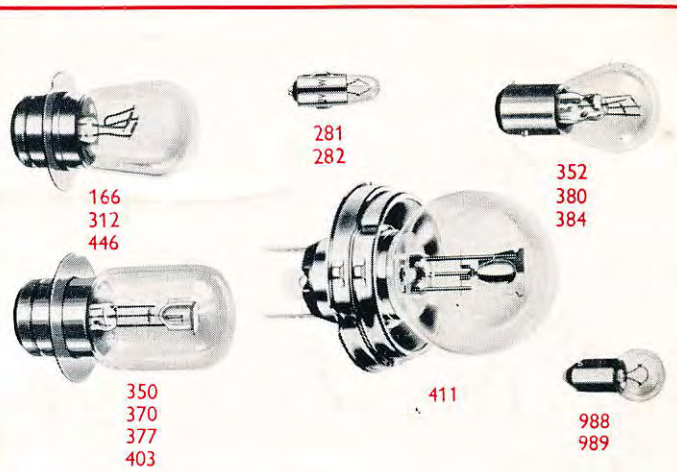
BULBS

Part No.	Volts	Watts	Description
166	6	24/24	Transverse, vertical dip
281	12	2	Miniature bayonet cap
282	6	0·6	Miniature bayonet cap
312	6	30/24	Transverse, vertical dip
352	6	18/3	Transverse, offset pin
370	12	40/50	Transverse and Hooded axial Duplo-Vertical dip
377	6	25/25	Transverse, vertical dip
380	12	21/6	Transverse, offset pin
384	6	18/6	Transverse, offset pin
411	12	45/40	Duplo filament, yellow
446	12	50/40	Transverse, vertical dip
988	6	3	Coil, miniature bayonet cap
989	12	6	Coil, miniature bayonet cap



CABLE HARNESSES

Part No.	54933943	54934952	54937919 54937920	54938164	54950625	54952732
Eyelet ($\frac{3}{16}$")	—	—	850405	—	850405	—
Eyelet, short ($\frac{3}{16}$")	—	—	187009	—	—	187009
Eyelet ($\frac{1}{4}$")	850406	—	850406	850406	850406	850406
Eyelet ($\frac{5}{16}$")	—	—	—	—	900450	900450
Connector, Lucar (17·5 amp.)	54942078	—	54942078	54942078	54942078	54942078
Connector, Lucar (35 amp.)	—	—	—	—	54942079	54942079
Connector, Lucar (17·5 amp. double)	—	54942747	54942747	—	54190030	54942747
Sleeve, Lucar (17·5 amp.)	54190042	—	54190042	54190042	54190042	54190042
Sleeve, Lucar (35 amp.)	—	—	—	—	54190043	54190043
Sleeve, Lucar (17·5 amp. double)	—	54190119	54190119	—	54190119	54190119
Lucar blade	864980	—	—	—	—	—
Connector tube (2-way)	900288	900288	900288	900288	900288	900288
Connector tube (4-way)	850641	—	850641	850641	850641	850641
Connector tube (6-way)	850844	—	—	850844	—	—
Nipple	900269	900269	900269	900269	900269	900269
Fuseholder, in line	—	—	—	—	—	54190387
Fuse	—	—	—	—	—	188218
Bulbholder	—	—	54941458	—	54945043	54945043
Bulb	—	—	282	—	281	281

JOSEPH LUCAS (Sales & Service) LIMITED · BIRMINGHAM 18 · ENGLAND

Compiled and issued by Parts Publications, Technical Records Department, Joseph Lucas (Sales and Service) Ltd., Great Hampton Street, Birmingham 18

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Printed in England

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