LUCAS
GIRLING

EQUIPMENT AND SERVICE PARTS

CE824/66

B.S.A.
Motor Cycles

1966

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This publication incorporates NVS 2264 which should be destroyed.

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

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EQUIPMENT SPECIFICATIONS AND PAGE INDEX

UNIT	See page	500 c.c. A50 "Wasp" 650 c.c. A65 "Spitfire-Hornet"		500 c.c. A50 "Royal-Star" 650 c.c. A65 "Thunderbolt" 650 c.c. A65 "Lightning" 650 c.c. A65 "Spitfire Mk II Special"		250 c.c. "Sportsman"		440 c.c. B44 "Victor-Enduro" Lighting on home market only	
		Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR (serviced by)	4	RM19	—	RM19	—	RM18	—	RM19	—
Rotor	4	—	54213901	—	54213901	—	54213903	—	54213901
Stator	4	—	47188B	—	47162A	—	47161B	—	47173B
Stator (Later)	4	—	47197A	—	—	—	—	—	47203A
AMMETER	4	—	—	2AR	†36296A	CZU27	†36084F	—	—
BATTERY	—	—	—	MKZ9E-2	54028050	MLZ9E	54028459	—	—
BATTERY (Later)	—	—	—	PUZ5A	54027029	—	—	—	—
CABLE HARNESS	7	—	—	—	54939347	—	54936491	—	54933943
CABLE HARNESS (Ignition only)	7	—	54934952	—	—	—	—	—	54938164
COIL, IGNITION	4	3ET (L.H.) 3ET (R.H.)	45150A 45149A	MA12	45110D	MA6	45152B	3ET	45149A
CONTACT BREAKER	4	4CA	*47612E (425379 & 54416150)	4CA	47583F	4CA	*47621D (54415296 & 54416405)	4CA	47603H
CONTACT BREAKER (Later)	4	—	—	—	—	—	—	4CA	*47624A (54415296 & 54417989)
CONDENSER	4	—	54441582	—	—	—	—	—	—
DIODE, ZENER	4	—	—	ZD715	49345A	—	—	—	—
FUSED EARTH LEAD	4	—	—	—	54938986	—	—	—	—
HORN	5	—	—	6H	70197A	8H	70169D	—	—
LAMPS									
Head									
Home and Export	6	—	—	SS700P	59580A	MCH56	59616A	MCH66	58395J
Europe	6	—	—	SS700P	59608A	MCH56	59618A	—	—
France	6	—	—	SS700P	59607A	MCH56	59617A	—	—
Stop tail, number plate and reflex	7	—	—	564	53454D	564	53394D	564	53432D
Later	7	—	—	679	53973B	—	—	679	53972B
Export U.S.A.	7	—	—	679	53973B	679	53972B	—	—
RECTIFIER	4	—	—	2DS560	49072A	2DS560	49072A	—	—
SWITCHES									
Dipper	5	—	—	—	—	—	—	PS9	†31620F
Engine cut-out	5	SS5	*31071D (31107)	—	—	—	—	—	—
Ignition	5	—	—	S45	31899B	88SA	34427B	—	—
Cover	5	—	—	—	—	—	54336178	—	—
Escutcheon plate	5	—	—	—	—	—	54330576	—	—
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	—	—
REAR SUSPENSION UNITS (Serviced by Girling Ltd.)	—	—	¶4394 (SB4) 4475 (SB4)	—	4475 (SB4)	—	4445 (SB3)	—	4545 (SB4)

UNIT	See page	440 c.c. B44 "Grand-Prix Victor"		250 c.c. C15 "Star"		350 c.c. B40" Star"		Bantam "Silver" and "Deluxe"	
		Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.
ALTERNATOR (serviced by)	4	RM19	—	RM18	—	RM19	—	—	—
Rotor	4	—	54213901	—	54213903	—	54213901	—	—
Stator	4	—	47173B	—	47161B	—	47162A	—	—
Stator (Later)	4	—	47203A	—	—	—	—	—	—
AMMETER	4	—	—	CZU27	36084F	CZU27	36084F	—	—
BATTERY	—	—	—	MLZ9E	54028459	MLZ9E	54028459	PUZ5E/11	24082094
CABLE HARNESS	7	—	—	—	54937919	—	54937919	—	—
CABLE HARNESS (Ignition only)	7	—	54938164	—	‡54937920	—	—	—	—
COIL, IGNITION	4	3ET	45149A	MA6	45152B	MA6	45152B	—	—
CONTACT BREAKER	4	4CA	47603H	4CA	*47621D (54415296 & 54416405)	4CA	*47621D (54415296 & 54416405)	—	—
HORN	5	—	—	8H	70169D	8H	70169D	—	—
LAMPS									
Head									
Home and Export	7	—	—	MCF575P	58234D	MCF575P	58234D	—	—
Europe	7	—	—	MCF575P	58392A	MCF575P	58392A	—	—
France	7	—	—	MCF575P	58391A	MCF575P	58391A	—	—
Stop tail, number plate and reflex	7	—	—	564	53394D	564	53432D	—	—
Export U.S.A.	7	—	—	679	53972B	—	—	—	—
RECTIFIER	4	—	—	2DS560	49072A	2DS560	49072A	—	—
SWITCHES									
Ignition	5	—	—	88SA	34427B	88SA	34427B	—	—
Cover	5	—	—	—	54336178	—	54336178	—	—
Escutcheon plate	5	—	—	—	54330576	—	54330576	—	—
Lighting	5	—	—	88SA	34289A	88SA	34289A	—	—
Knob	5	—	—	—	54330934	—	54330934	—	—
Escutcheon plate	5	—	—	—	54330576	—	54330576	—	—
Stop lamp	5	—	—	6SA	31827B	6SA	31827B	—	—
REAR SUSPENSION UNIT (Serviced by Girling Ltd.)	—	—	4757 (SB4)	—	3973 (SC2·6)	—	4404 (SC3)	—	3974 (SC2·6)

† Part of Headlamp. ‡ Export U.S.A. * When ordering, quote Part numbers shown in brackets. ¶ A50 Wasp only.

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ALTERNATOR STATORS

Part No. / Model	47161B RM18	47162A 47173B RM19	47188B RM19	47197A 47203A RM19
Cable clip	54213907	54210167	54211644	—
Washer, cable clip	131023	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	47583F 4CA	47603H 4CA	47612E 4CA
Contact breaker	425379	54415296	425379
Contact set	54415803	54415803	54415803
Nut, condenser angle plate fixing	169194	169194	169194
Plate, condenser terminal insulating	425382	425382	425382
Condenser	425377	425377	425377
Plate, contact breaker base	425370	425370	425370
Felt, cam lubricating	425378	425378	425378
Auto advance unit	54440028	54415748	54416150
Cam	54440029	54415053	54415053
Springs, auto advance	54413020	54415640	54415641
Weights, auto advance	54440031	54440031	54440031
Sleeve and action plate	54440032	54415749	54417203

Part No. / Model	47621D 4CA	47624A 4CA
Contact breaker	54415296	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	54416405	54417989
Cam	54440029	54415053
Springs, auto advance	54415640	54417992
Weights, auto advance	54440031	54440031
Sleeve and action plate	54415749	54417203

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

523986

36296

36084

54441582

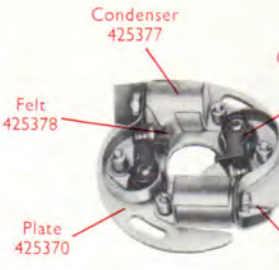
Nut
156594
49072

900450

850406

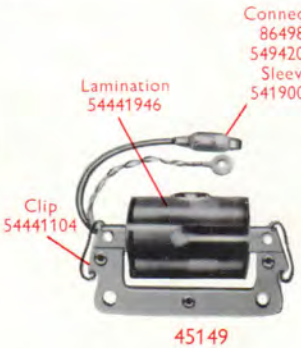
54190387

188218


Condenser
425377
Contact set
54415803
Felt
425378
Plate
425370
Nut
169194

Sleeve and action plate
54415749
54440032
54447203
Cam
54415053
54440029
Weights
54440031
Springs
54413020
54415640
54415641
54417992
MODEL 4CA

Grommet
421554
Cable clip
421863
Connector
54190108
45152
45110 (12 volt)


Connector
864980
54942078
Sleeve
54190042
Lamination
54441946
Clip
54441104
45149
45150

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MODEL 6H

MODEL 8H

31620

31899

54930007
54930008

54330576

34427

31356

34289

31827

34448

360363

31071

166,312,446

988, 989

352, 380, 384

350, 370, 377, 403

HORNS

Part No. / Model	70169D 8H	70197A 6H
Bracket	54680850	—

DIPPER SWITCH

Part No. / Model	31620F PS9
Nut, fixing	314540
Screw, terminal	120560

IGNITION SWITCHES

Part No. / Model	31899B S45	34427B 88SA
Key	—	54336176
Socket with cables	—	*54930008
Nut, fixing	54130041	54336177
Washer, nut fixing	164018	—
Cover	—	*54336178

LIGHTING SWITCHES

Part No. / Model	31356B PS6	34289A 88SA
Screw, terminal	121610	—
Socket with cables	—	*54930007
Washer, flat, nut fixing	158350	—
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

BULBS

Part No.	Volts	Watts	Description
166	6	24/24	Transverse, vertical dip
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
446	12	50/40	Transverse, vertical dip
988	6	3	Coil, miniature bayonet cap
989	12	6	Coil, miniature bayonet cap

* Order separately

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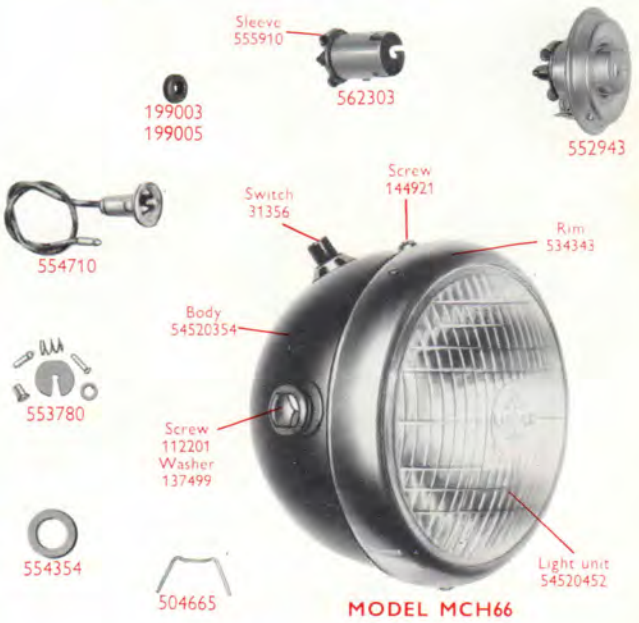
HEADLAMPS

Part No. / Model	59616A MCH56	59617A MCH56	59618A MCH56
Rim or door	534343	534343	534343
Wire, light unit fixing	504665	504665	504665
Screw, rim fixing	144921	144921	144921
Plate, rim fixing	534296	534296	534296
Ammeter (see page 4 for details)	36084	36084	36084
Switch, lighting (see page 5 for details)	34289	34289	34289
Knob, lighting switch	54330934	54330934	54330934
Screw, knob fixing	101371	101371	101371
Washer, dished, screw seating	332529	332529	332529
Nut, locking, switch fixing	180316	180316	180316
Washer, nut locking	185128	185128	185128
Plate, escutcheon	54330576	54330576	54330576
Light unit	516828	516912	54521021
Bulbholder, main	554602	554602	554602
Sleeve, terminal	555910	555910	555910
Backshell	—	552943	—
Bulbholder, main	—	562303	—
Bulbholder, pilot	554710	554710	554710
Interior, bulbholder	553780	553780	553780
Ring, rubber, seating	554354	554354	554354
Washer, cable grip	516285	516285	516285
Screw, lamp fixing	112201	112201	112201
Washer, screw fixing	137499	137499	137499
Grommet, cable entry	199005	199005	199005
Body	54523202	54523202	54523202
Bulb, main	312	—	377
Bulb, pilot	988	988	988

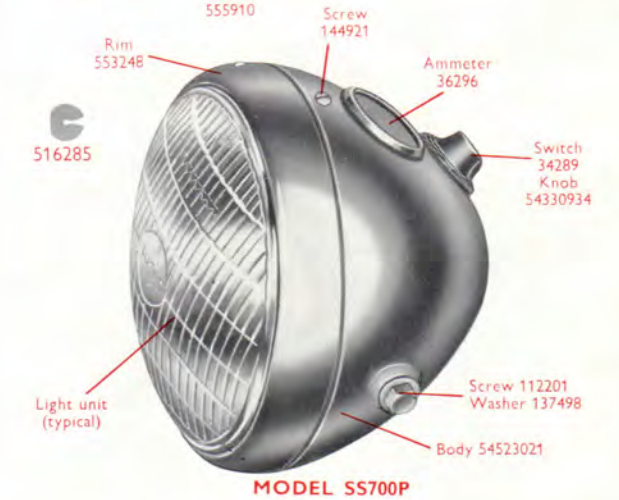
Part No. / Model	58395J MCH66
Rim or door	534343
Wire, reflector fixing	504665
Screw, rim fixing	144921
Plate, rim fixing	534296
Switch, lighting (see page 5 for details)	31356
Switch, dip (see page 5 for details)	31620
Light unit	54520452
Bulbholder, main	554602
Sleeve, terminal	555910
Grommet, cable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

Part No. / Model	59580A SS700P	59607A SS700P	59608A 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 4 for details)	36296	36296	36296
Switch, lighting (see page 5 for details)	34289	34289	34289
Knob	54330934	54330934	54330934
Light unit	516798	516802	516801
Bulbholder, main	554602	—	554602
Sleeve, terminal	555910	—	555910
Backshell	—	552943	—
Bulbholder	—	562303	—
Clip and screw, bulbholder	—	562306	—
Sleeve, terminal	—	555910	—
Bulbholder, pilot	554710	554710	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	54523021	54523021	54523021
Bulb, main	446	—	370
Bulb, pilot	989	989	989

MODEL MCH56



MODEL MCH66



MODEL SS700P

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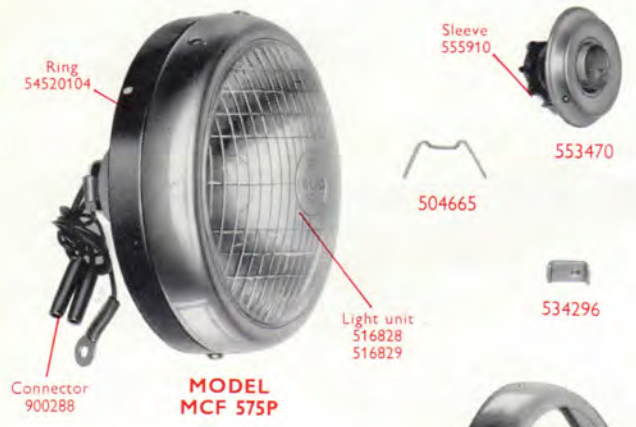
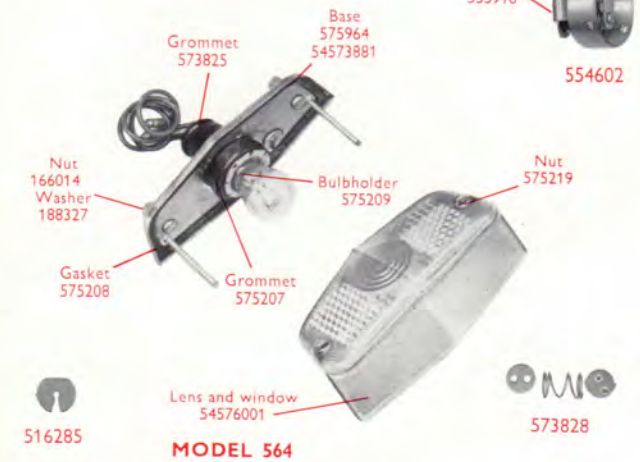
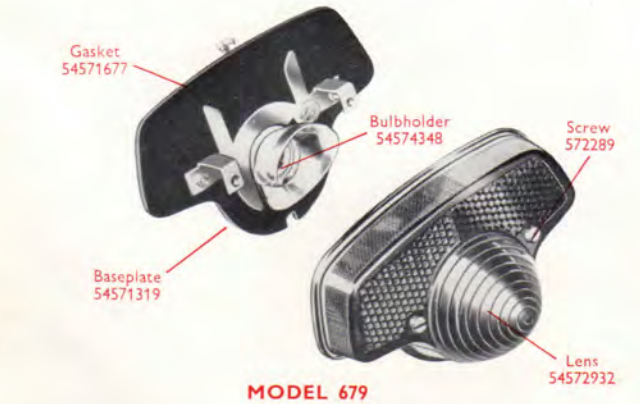


MODEL
MCF 575P



MODEL 564



MODEL 679

HEADLAMPS continued

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
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

STOP TAIL, REFLEX AND NUMBER PLATE ILLUMINATION LAMPS

Part No. / Model	53394D 564	53432D 564	53454D 564
Lens and window	54576001	54576001	54576001
Nut, lens fixing	575219	575219	575219
Gasket, lens seating	575208	575208	575208
Base	54573881	54573881	575964
Grommet, bulbholder	575207	575207	575207
Bulbholder, shell	575209	575209	575209
Interior, bulbholder	573828	573828	573828
Grommet cable	573825	573825	573825
Nut, lamp fixing	166014	166014	166014
Washer, shakeproof	188327	188327	188327
Washer, spacer, bolt fixing	131023	131023	131023
Bulb	352	384	380

Part No. / Model	53972B 679	53973B 679
Lens	54572932	54572932
Screw, lens fixing	572289	572289
Bulbholder, with reflector	54574348	54574348
Interior, bulbholder	573828	573828
Baseplate	54571319	54571319
Gasket, lamp seating	54571677	54571677
Screw, lamp fixing	127684	127684
Washer, screw fixing	188483	188483
Bulb	384	380

CABLE HARNESSES

Part No.	54933943	54934952	54936491
Eyelet (1/4")	850406	—	850406
Lucar blade	864980	—	—
Connector, Lucar (17·5 amp.)	54942078	—	54942078
Connector, Lucar, double (17·5 amp.)	—	54942747	54942747
Sleeve, Lucar (17·5 amp.)	54190042	—	54190042
Sleeve, Lucar, double (17·5 amp.)	—	54190119	54190119
Connector tube, 2 way	900288	900288	900288
Connector tube, 4 way	850641	—	—
Connector tube, 6 way	850844	—	—
Nipple	900269	900269	900269
Bulbholder	—	—	54941458
Bulb	—	—	281

Part No.	54937919 54937920	54938164	54939347
Eyelet (3/16")	850405	—	850405
Eyelet, short (3/16")	187009	—	—
Eyelet (1/4")	850406	850406	850406
Connector, Lucar (17·5 amp.)	54942078	54942078	54942078
Connector, Lucar (35 amp.)	—	—	54942079
Connector, Lucar, double (17·5 amp.)	54942747	—	54942747
Sleeve, Lucar (17·5 amp.)	54190042	54190042	54190042
Sleeve, Lucar (35 amp.)	—	—	54190043
Sleeve, Lucar, double (17·5 amp.)	54190119	—	54190119
Connector tube, 2 way	900288	900288	900288
Connector tube, 4 way	850641	850641	850641
Connector tube, 6 way	—	850844	—
Nipple	900269	900269	900269
Bulbholder	54941458	—	—
Bulb	282	—	—

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