

**LUCAS**  
**GIRLING**

**CONFIRMED  
SPECIFICATIONS  
& SERVICE PARTS**

**LSS/100/71**

**B.S.A.**

Motor Cycles

**1971**







## EQUIPMENT SPECIFICATIONS

### B.S.A. B25MX 'Victor' B50MX 'Victor'

Unit	Model	Part No.	Unit	Model	Part No.
<b>Alternator</b> ... .. RM22	—	—	<b>Condenser</b> ... ..	—	54441582
Serviced by:			<b>REAR SUSPENSION UNIT</b> (Serviced by Girling)		
Stator ... ..	—	★47622A	<b>Suspension unit</b> (complete) ... ..	—	2487 (SB4)
Rotor ... ..	—	★54213901	Ferrule tube and bush assembly ... ..	—	64533645
<b>Cable harness</b> (main) ... ..	—	54959649	Spring ... ..	—	64543626
<b>Contact breaker</b> ... .. 6CA	—	*47636F (54419645 & 54419652)	Shock absorber ... ..	—	2488

### B.S.A. 250 c.c. B25R 'Goldstar' 250 c.c. B25SS 'Goldstar' 250 c.c. B25T 'Victor' 500 c.c. B50SS 'Goldstar' 500 c.c. B50T 'Victor'

<b>Alternator</b> ... .. RM21	—	—	<b>Lamps—continued</b>		
Serviced by:			Head ... ..	MCH66	60262A
Rotor ... ..	—	★54213901	Stop tail, number plate and reflex ... ..	679	53973E
Stator ... ..	—	★47205A	Rectifier ... ..	2DS506	★49072B
<b>Battery</b> ... .. PUZ5A	—	54027029	Reflex reflector (red) ... ..	RER14	*★57079A (575189)
<b>Bulb holder</b> (speedo. cable) ... ..	—	54933910	" " (amber) ... ..	RER22	★57160A
Bulb ... ..	—	281	<b>Rubber moulding</b> ... ..	—	54422860
<b>Cable harness</b> (headlamp) ... ..	—	54959532	<b>SWITCHES</b>		
" " (main) ... ..	—	54959480	Flasher (left hand) ... ..	169SA	★39595
" " (electric box) ... ..	—	54959680	" (right hand) ... ..	169SA	★39596
<b>Capacitor</b> (electrolytic) ... .. 2MC	—	★54170009	Lighting ... ..	PS6	*  ★31276 (31356)
<b>Condenser</b> ... ..	—	54420128	Master ... ..	149SA	39565A
<b>Coil, ignition</b> ... .. 17M12	—	*★45221A (45223)	Stop (rear) ... ..	118SA	34815B
<b>Contact breaker</b> ... .. 6CA	—	*47635F (54419645 & 54419653)	<b>Warning lights</b>		
		49345A	Amber ... ..	WL15	★54363453
<b>Diode, Zener</b> ... .. ZD715	—	★35048A	Red ... ..	WL15	★54363454
<b>Flasher unit</b> ... .. 8FL	—	54190387	Green ... ..	WL15	★54363455
<b>Fuse holder</b> ... ..	—	188218	Bulb holder ... ..	—	54933910
Fuse ... ..	—	★70228A	Bulb ... ..	—	281
<b>Horn</b> ... .. 6H	—	—	<b>REAR SUSPENSION UNIT</b> (Serviced by Girling)		
<b>LAMPS</b>			<b>Suspension unit</b> (complete) ... ..	—	2483 (SB4)
<b>Flasher</b> ... .. 874	—	56147A	Ferrule tube and bush assembly ... ..	—	64533645
<b>Stanchion</b> ... ..	—	54581641	Spring ... ..	—	64543708
			Shock absorber ... ..	—	2484

### B.S.A. 650 c.c. A65L 'Lightning' 650 c.c. A65FS 'Firebird Scrambler' 650 c.c. A65T 'Thunderbolt'

<b>Alternator</b> ... .. RM21	—	—	<b>Lamps—continued</b>		
Serviced by:			Head (A65FS) ... ..	MCH66	60262A
Stator ... ..	—	★47205A	" " ... ..	MCH69	60260A
Rotor ... ..	—	★54213901	Stop tail, number plate and reflex ... ..	679	53973E
<b>Battery</b> ... .. PUZ5	—	54027029	Rectifier ... ..	2DS506	★49072B
<b>Bulb holder</b> (speedo. cable) ... ..	—	863511	Reflex reflector (red) ... ..	RER14	*★57079A (575189)
Bulb ... ..	—	643	" " (amber) ... ..	RER14	★57183A
<b>Cable harness</b> (headlamp) ... ..	—	54959535	<b>SWITCHES</b>		
" " (main) ... ..	—	54959629	Flasher (left hand) ... ..	169SA	39595A
<b>Capacitor pack</b> ... .. 2CP	—	*47638A (54418528, 54418526 & 2 off 54420128)	" (right hand) ... ..	169SA	39596A
<b>Coil, ignition</b> ... .. 17M12	—	*★45221A (45223)	Lighting ... ..	PS6	*  ★31276A (31356)
<b>Contact breaker</b> ... .. 6CA	—	*47632D (54419097 & 54419340)	Master ... ..	149SA	★39565A
		★49345A	Stop (rear) ... ..	118SA	★34815A
<b>Diode, Zener</b> ... .. ZD715	—	★35048A	<b>Warning lights</b>		
<b>Flasher unit</b> ... .. 8FL	—	54385091	Amber ... ..	WL15	★54363453
Clip ... ..	—	54386637	Red ... ..	WL15	★54363454
Mounting spring ... ..	—	54190387	Green ... ..	WL15	★54363455
<b>Fuse holder</b> ... ..	—	188218	Bulb holder ... ..	—	54933910
Fuse ... ..	—	★70216A	Bulb ... ..	—	281
<b>Horn</b> ... .. 6H	—	—	<b>REAR SUSPENSION UNIT</b> (Serviced by Girling)		
<b>LAMPS</b>			<b>Suspension unit</b> (complete) ... ..	—	2495 (SB4)
<b>Flasher</b> ... .. 874	—	56147A	Ferrule tube and bush assembly ... ..	—	64533645
<b>Stanchion</b> ... ..	—	54581641	Spring ... ..	—	64545350
			Shock absorber ... ..	—	2486

\* When ordering, quote part number shown in brackets

|| Part of headlamp

★ Order complete unit



# LUCAS

## EQUIPMENT SPECIFICATION SHEET

LSS/100/002

B.S.A. MOTOR CYCLES

AMMENDMENTS TO LSS/100/71  
PAGE 2

	250cc & 500cc 250cc & 500cc	GOLDSTAR VICTOR	PART NO.
		MODEL	
Contact Breaker	Should read	6CA	*47647A (54419645 & 54423215)
	Instead of	6CA	*47635F (54419645 & 54419653)
	650cc LIGHTING, FIREBIRD SCRAMBLER & THUNDERBOLT		
Contact Breaker	Should read	6CA	*47630 (54419097 & 54419344)
	Instead of	6CA	*47632 (54419097 & 54419340)

New detailed Parts as follows:-

Part No.	47630E	47647A
Model	6CA	6CA
Contact Breaker	54419097	54419645
Contact set	54419827	54419827
Pin, adjustment	54419220	54419220
Auto-advance unit	54419344	54423215
Springs, Auto-advance	54415642	54417992

AMMENDMENT TO LSS/100/001

GOLDSTAR AND VICTOR RANGE

HEADLAMP  
(250cc EUROPEAN)

Part No.	60333A
Model	MCH66
Delete	
Light	54523512
Substitute	
Light Unit	54523513



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Printed in England



**B.S.A. 750 c.c. A75 'Rocket 3'**

\* When ordering, quote part number shown in brackets

|| Part of headlamp      ★ Order complete unit



## ALTERNATORS

Model ...	RM20/21	RM20	RM21	RM22
Serviced by:				
Stator ...	47205A	47209A	47205A	47622
Rotor ...	54213902	54213902	54213901	54213901

## CAPACITOR, ELECTROLYTIC

Part No. ...	54170009
Model ...	2MC

## CAPACITOR PACKS

Part No. ...	47637A	47638A
Model ...	2CP	2CP
Capacitor ...	54420128	54420128
Cover ...	54418528	54418528
Base plate ...	54418526	54418526

## CONDENSERS

Part No. ...	54420128	54441582
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## COIL, IGNITION

Part No. ...	45221A
Model ...	17M12

## CONTACT BREAKER UNITS

Part No. ...	47632D	47635F	47636F
Model ...	6CA	6CA	6CA
Contact breaker ...	54419097	54419645	54419645
Contact set ...	54419827	54419827	54419827
Pin, adjustment ...	54419220	54419220	54419220
Auto-advance unit ...	54419340	54419653	54419652
Springs, auto-advance ...	54415642	54417992	54417992

Part No. ...	47640F
Model ...	7CA
Contact breaker ...	54419327
Contact set ...	54419828
Pin, adjustment ...	54419220
Auto-advance unit ...	54419867
Springs, auto-advance ...	54417992

## DIODE, ZENER

Part No. ...	49345A
Model ...	ZD715

## FLASHER UNIT

Part No. ...	35048
Model ...	8FL
Clip ...	†54385091
Spring, mounting ...	†54386637

## RECTIFIER

Part No. ...	49072B
Model ...	2DS506

† Order separately



Stator (typical)



Rotor (typical)



54170009



54441582



MODEL 17M12

Cover 54418528

Capacitor 54420128

Baseplate 54418526

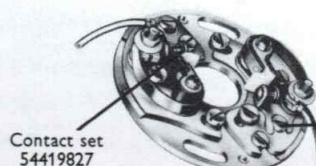
47637

Cover 54418528

Capacitor 54420128

Baseplate 54418526

47638



Contact set 54419827

Pin 54419220

54419097  
54419645



Springs 54415642  
54417992



49345

54419340  
54419652  
54419653

MODEL 6CA

Auto advance unit 54419867

Contact set 54419828

Contact breaker 54419327

Pin 54419220

MODEL 7CA



49072



54386637



54385091

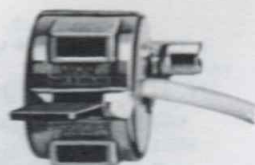


MODEL 8FL

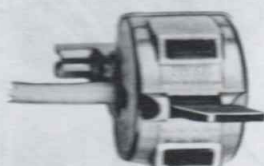




**MODEL 6H**



39595



39596



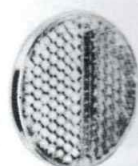
31276



39565



34815



**MODEL RER14**



**MODEL RER22**



554710



554734



54944812



863511



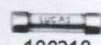
54945043



54933910



900269



188218



850844



900288



850641



850832



850406



850405



187704



900450



187700



187009



54190387



54942078  
54942747



54942079



54190043



54190042



54190119

## HORN

Part No. ...	...	...	...	...	70216A
Model ...	...	...	...	...	6H

## SWITCHES

### Flasher

Part No. ...	...	...	...	...	39595A	39596A
Model ...	...	...	...	...	169SA	169SA

### Lighting

Part No. ...	...	...	...	...	31276
Model ...	...	...	...	...	PS6

### Master

Part No. ...	...	...	...	...	39565A
Model ...	...	...	...	...	149SA

### Stop (rear)

Part No. ...	...	...	...	...	34815A
Model ...	...	...	...	...	118SA

## REFLEX REFLECTORS

Part No. ...	...	...	...	57079A	57160A	57183A
Model ...	...	...	...	RER14	RER22	RER14

## CABLE SUNDRIES

Adaptor, insulated return, push-in ...	863511
Adaptor, M.E.S., push-in ...	554734
Adaptor, M.E.S., non-claw type ...	54944812
Adaptor, peanut type, push-in ...	54945043
Connector, nipple, cable end ...	900269
Connector tube, 2-way ...	900288
Connector tube, 4-way ...	850641
Connector tube, 6-way (black rubber) ...	850844
Connector tube, 10-way ...	850832
Eyelet, $\frac{5}{8}$ " o.d. $\times$ $\frac{1}{4}$ " i.d. ...	850406
Eyelet, $\frac{3}{8}$ " o.d. $\times$ $\frac{3}{16}$ " i.d. ...	850405
Eyelet, $\frac{7}{16}$ " (flag) ...	187704
Eyelet, $\frac{5}{16}$ " ...	900450
Eyelet, $\frac{1}{8}$ ", ring type ...	187700
Eyelet, $\frac{3}{16}$ ", ring type ...	187009
Fuse holder ...	54190387
Connector, Lucar, 17.5 amp. ...	54942078
Connector, Lucar, 35 amp. ...	54942079
Connector, Lucar, 17.5 amp., double ...	54942747
Sleeve, Lucar, 17.5 amp. ...	54190042
Sleeve, Lucar, 35 amp. ...	54190043
Sleeve, Lucar, 17.5 amp., double ...	54190119



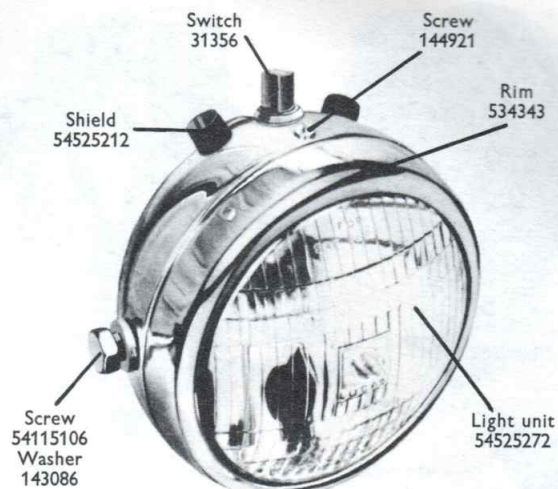
## HEADLAMPS

### Model MCH66

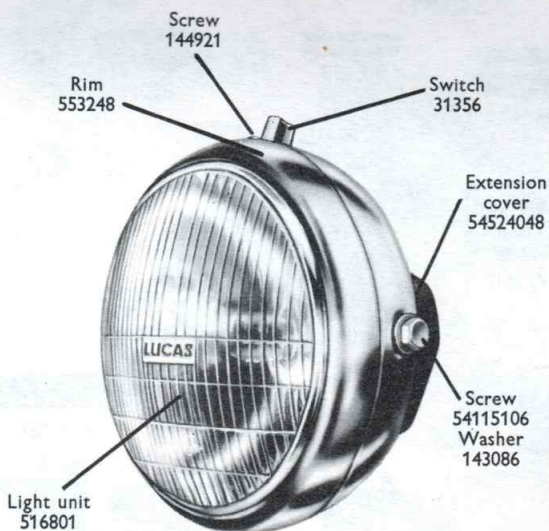
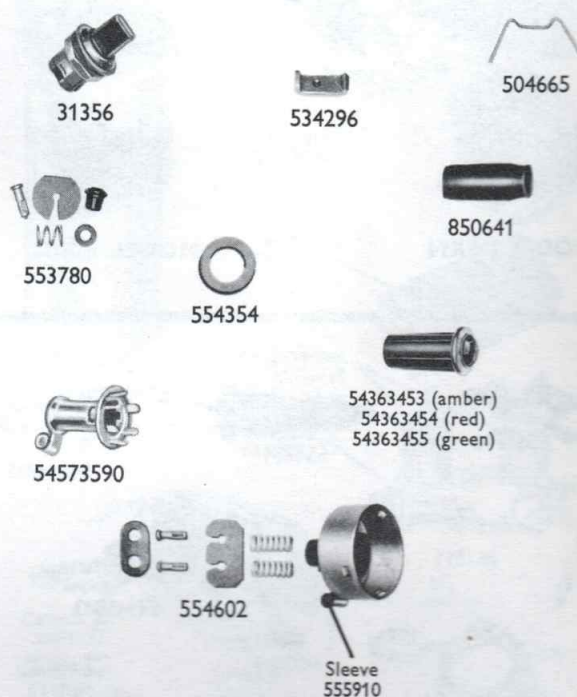
Part No. ... ..	60262A
Model ... ..	MCH66
Rim or door ... ..	534343
Wire, reflector fixing ... ..	504665
Screw, rim fixing ... ..	144921
Plate, rim fixing ... ..	534296
Warning light body assembly, amber ...	54363453
Warning light body assembly, red ...	54363454
Warning light body assembly, green ...	54363455
Washer, warning light sealing ... ..	54140331
Shield, warning light ... ..	54525212
Switch, lighting ... ..	31356
Light unit ... ..	54525272
Bulb holder, main ... ..	554602
Sleeve, terminal ... ..	555910
Bulb holder, pilot ... ..	54573590
Ring, pilot bulb holder ... ..	554354
Interior, bulb holder ... ..	553780
Connector, double ... ..	850641
Screw, lamp fixing ... ..	54115106
Washer, screw fixing ... ..	143086
Bulb, main ... ..	370
Bulb, pilot ... ..	989

### Model MCH69

Part No. ... ..	60260A
Model ... ..	MCH69
Rim or door ... ..	553248
Wire, light unit fixing ... ..	504665
Screw, rim fixing ... ..	144921
Plate, rim screw securing ... ..	534296
Light unit ... ..	516801
Switch, lighting ... ..	31356
Bulb holder, main ... ..	554602
Sleeve, terminal ... ..	555910
Bulb holder, pilot ... ..	54573590
Interior, pilot bulb holder ... ..	553780
Ring, pilot bulb holder ... ..	554354
Extension cover ... ..	54524048
Warning light body assembly, amber ...	54363453
Warning light body assembly, red ...	54363454
Warning light body assembly, green ...	54363455
Washer, warning light sealing ... ..	54140331
Screw, lamp fixing ... ..	54115106
Washer, screw fixing ... ..	143086
Bulb, main ... ..	370
Bulb, pilot ... ..	989



**MODEL MCH66**



**MODEL MCH69**





## FLASHING INDICATOR LAMP

Part No.	...	...	...	...	...	56147A
Model	...	...	...	...	...	874
Lens assembly	...	...	...	...	...	54581638
Shell, bulb holder	...	...	...	...	...	554548
Interior assembly	...	...	...	...	...	573832
Stanchion	...	...	...	...	...	†54581641
Bulb	...	...	...	...	...	382

## STOP TAIL, REFLEX AND NUMBER PLATE LAMP

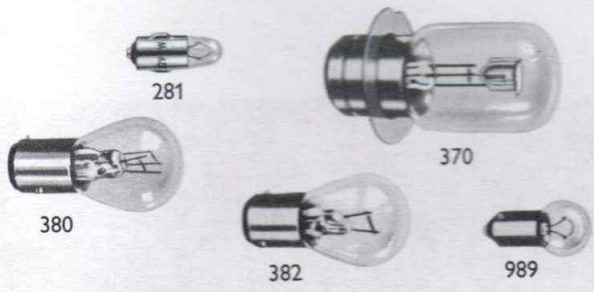
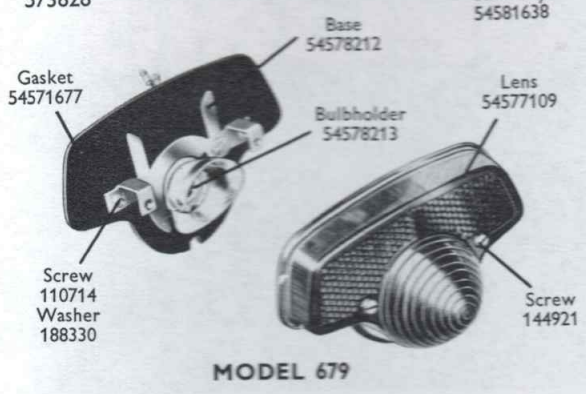
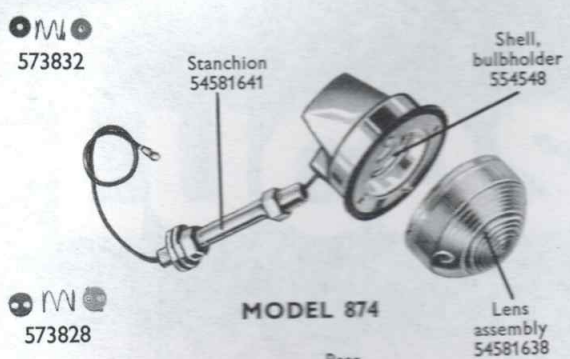
Part No.	...	...	...	...	...	53973E
Model	...	...	...	...	...	679
Lens	...	...	...	...	...	54577109
Screw, lens fixing	...	...	...	...	...	144921
Bulb holder assembly	...	...	...	...	...	54578213
Interior, bulb holder	...	...	...	...	...	573828
Base assembly	...	...	...	...	...	54578212
Gasket, lamp seating	...	...	...	...	...	54571677
Screw, lamp fixing	...	...	...	...	...	110714
Washer, screw fixing	...	...	...	...	...	188330
Bulb	...	...	...	...	...	384

## BULBS

Part No.	Volts	Watts	Description
281	12	2	Peanut (2-lug cap).
370	12	45/40	B.P.F., Duplo.
380	12	6/21	S.B.C., offset pin, 25 mm., stop tail.
382	12	21	S.C.C., 25 mm.
989	12	6	M.C.C., 15 mm.

† Order separately

B.P.F. ... British pre-focus      S.B.C. ... Small bayonet cap  
S.C.C. ... Single centre contact      M.C.C. ... Miniature centre contact





**JOSEPH LUCAS (SALES & SERVICE) LTD • BIRMINGHAM B18 6AU • ENGLAND**

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