

LUCAS
GIRLING

**EQUIPMENT AND
SERVICE PARTS**

CE825/69

**NORTON -
MATCHLESS**

Motor Cycles

1969





EQUIPMENT SPECIFICATIONS

MATCHLESS 750cc 'P11A' 'Ranger'

Unit	Model	Part No.	Unit	Model	Part No.
Alternator	RM21	—	LAMPS		
Serviced by:			Head, Home and Export	SS700P	59666A
Stator	—	★47205A	Stop tail, number plate and reflex	679	53973E
Rotor	—	★54213901	Rectifier	2DS506	★49072B
Ammeter	2AR	||★36403A	Reflex reflector, red	RER24	★57111B
Battery	PUZ5A	54027029	" " amber	RER25	★57162B
Bulbholder (speedo)	—	862849			
Bulb	—	987	SWITCHES		
Cable harness	—	54952937	Engine cut-out	SS5	★35601A
Capacitor	2MC	54170009	Horn push and dipper	25SA	31563D
Spring, mounting	—	‡54483156	Ignition	S45	31899B
Capacitor pack	2CP	*47638A	Lighting	88SA	34289A
		(54418526	Knob	—	‡54330934
		54420128	Stop lamp	118SA	★34815A
		54418528)	Warning light (main beam)	WL15	||★38189A
Coil, ignition...	MA12	45110D	Bulbholder	—	‡54945043
Contact breaker	6CA	*47643D	Bulb	—	‡281
		(54419097			
		and	REAR SUSPENSION UNIT		
Diode, Zener	ZD715	★49345A	(Serviced by Girling)	—	4590
Horn	6H	*★70197D			
		(70183)			

NORTON 647cc '650SS' 'Supersports'
650cc 'Manxman' (U.S.A. only)
750cc 'Atlas'

Unit	Model	Part No.	Unit	Model	Part No.
Alternator	RM21	—	LAMPS		
Serviced by:			Head, Home and Export, vertical dip	SS700P	59666A
Stator	—	★47205A	Head, Export Europe, except France	SS700P	59761A
Rotor	—	★54213901	Head, Export France	SS700P	*59760A
Ammeter	2AR	||★36403A			(59761 &
Battery (2 off)	MKZ9E	54028050	Stop tail, number plate and reflex	564	Bulb 411)
Bulbholder (speedo)	—	862849	Stop tail, number plate and reflex,		53454D
Bulb	—	987	U.S.A. (except "650SS")	679	53973E
Cable harness	—	54952711	Rectifier	2DS506	★49072B
Capacitor	2MC	54170009	Reflex reflector, red (U.S.A.)	RER24	★57111B
Spring, mounting	—	‡54483156	" " amber (U.S.A.)	RER25	★57162B
Capacitor pack	2CP	*47638D			
		(54418526	SWITCHES		
		54420128	Horn push and dipper	25SA	31563D
		54418528)	Ignition	S45	31899B
		45110D	Lighting	88SA	34289A
Coil, ignition	MA12	45110D	Knob	—	‡54330934
Contact breaker	6CA	*47643D	Stop lamp	118SA	★34815A
		(54419097	Rubber pad	—	‡380459
		& 54419340)	Warning light (main beam)	WL15	||★38189A
Diode, Zener	ZD715	★49345A			
Horn	6H	*★70197D	REAR SUSPENSION UNIT		
		(70183)	(Serviced by Girling)	—	4423 (SB3)

NORTON 750cc 'Commando'

Unit	Model	Part No.	Unit	Model	Part No.
Alternator	RM21	—	LAMPS		
Serviced by:			Head, Home and Export	SS700P	*59872A
Stator	—	★47205A			(59883)
Rotor	—	★54213901	Head, Export Europe, except France	SS700P	*59874A
Ammeter	2AR	||★36403A			(59885)
Battery	PUZ5A	54027029	Head, Export France	SS700P	*59873A
Bulbholder (Speedo and rev. counter) 2 off	—	554710			(59885 &
Bulb (Speedo and rev. counter) 2 off	—	643	Stop tail, number plate and reflex	679	Bulb 411)
Cable harness	—	54954277	Rectifier	2DS506	53973E
Capacitor	2MC	54170009	Reflex reflector, red	RER25	★49072B
Spring, mounting	—	‡54483156	" " amber	RER25	★57110A
Capacitor pack	2CP	*47638A			★57162B
		(54418526	SWITCHES		
		54420128	Ignition	S45	31899B
		54418528)	Lighting	57SA	||★35710A
		*47632E	Stop light	118SA	★34815A
		(54419097	Warning light (main beam)	WL15	||★38189A
		& 54419340)			
Contact breaker	6CA	★49345A	REAR SUSPENSION UNIT		
		54068152B	(Serviced by Girling)	—	2148
Diode, Zener	ZD715	★49345A			
Horn	9H	54068152B			
Bracket (2 off)	—	54680686			

*When ordering, quote part number shown in brackets ★Service complete unit only
||Part of headlamp ‡Order separately



ALTERNATOR

Model	RM21
Serviced by:—	
Stator	47205A
Rotor	54213901

AMMETER

Part No.	36403A
Model	2AR

CAPACITOR

Part No.	54170009
Model	2MC

CAPACITOR PACK

Part No.	§47638A
Model	2CP
Capacitor	54420128
Cover	54418528
Nut	165033
Washer, spring	185006
Base plate	54418526

COIL, IGNITION

Part No.	45110D
Model	MA12
Grommet, rubber	421554
Clip, cable contact	421863
Nut, switch and contact breaker terminals	166043
Washer, shakeproof, terminal	188330
Washer, plain, terminal	131023
Connector, Lucar	54190108

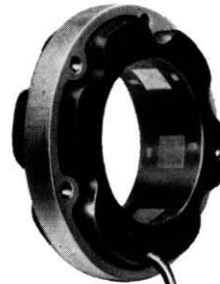
RECTIFIER

Part No.	49072B
Model	2DS506

CONTACT BREAKER UNITS

Part No.	47632E	47643D
Model	6CA	6CA
Contact breaker	54419097	54419097
Contact set	54419827	54419827
Pin, adjustment	54419220	54419220
Auto-advance unit	54419340	54420064
Springs set, auto-advance	54415642	54415642

§ Complete unit serviced by component parts.



54213901



47205



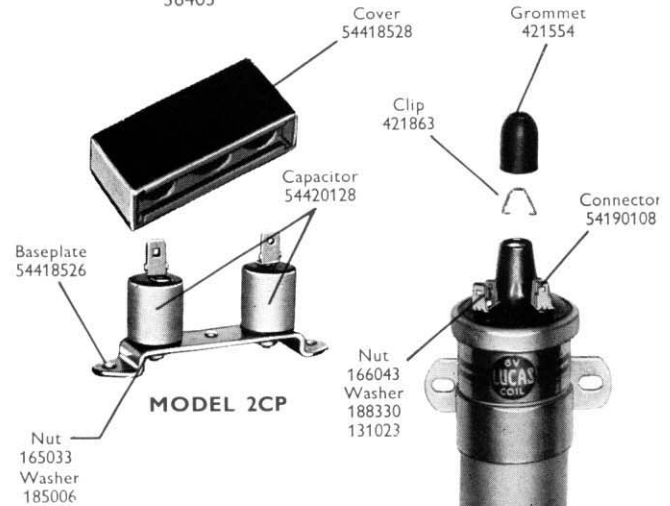
54170009



54483156



36403

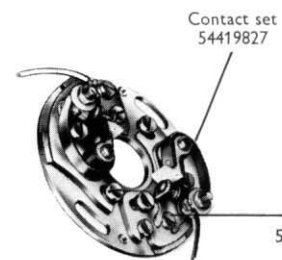


MODEL 2CP

45110



49072



Contact set 54419827

Pin 54419220



54419340
54420064

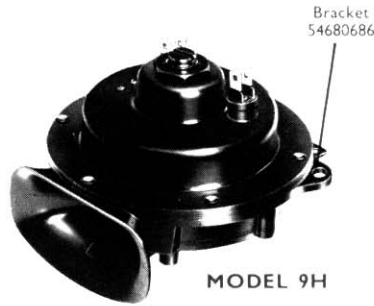
MODEL 6CA



MODEL 6H



49345



MODEL 9H

Bracket
54680686



35601



31563



31899



54330934



35710

Nut 180316
Washer 188350



34289



34815



54930007



380459



554734
863511



900269



54944812



54945043



900288



850844



850832



850641



850405



850406



900450



187704



54190387

187700

187009



54942078
54942747



54942079



54190042

54190043



54190119

DIODE, ZENER

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

HORNS

Part No.	...	...	...	...	...	...	...	...	...	70197D	54068152
Model	...	...	...	...	...	...	...	...	...	6H	9H

ENGINE CUT-OUT SWITCH

Part No.	...	...	...	...	...	...	...	...	...	35601A
Model	...	...	...	...	...	...	...	...	...	SS5

HORN PUSH AND DIPPER SWITCH

Part No.	31563D
Model	25SA

Screw, terminal	120610
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IGNITION SWITCH

Part No.	31899B
Model	S45

Nut, fixing	54130041
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LIGHTING SWITCHES

Part No.	34289A	35710A
Model	88SA	57SA

Nut, fixing	180316	—
Washer, nut fixing	...	...	...	...	...	...	...	...	...	188350	—
Socket, with cables	...	...	...	...	...	...	...	...	...	†54930007	—

STOP LAMP SWITCH

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

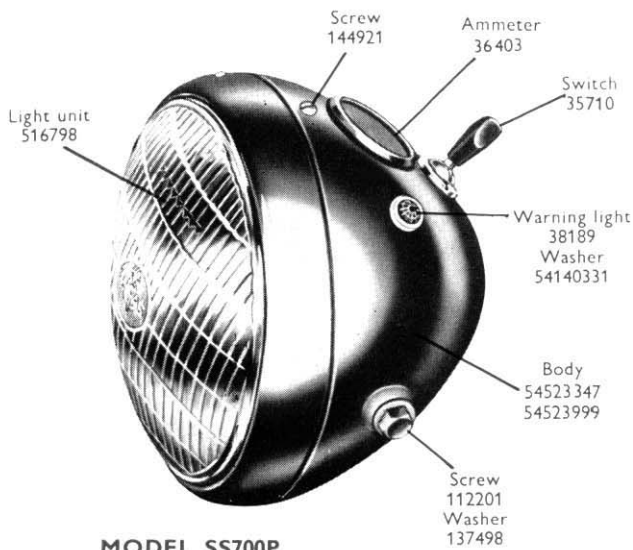
CABLE SUNDRIES

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. x $\frac{3}{4}$ " i.d.	...	...	...	...	...	...	...	...	...	850406
Eyelet, $\frac{3}{8}$ " o.d. x $\frac{3}{16}$ " i.d.	...	...	...	...	...	...	...	...	...	850405
Eyelet, $\frac{3}{16}$ " (flag)	...	...	...	...	...	...	...	...	...	187704
Eyelet, $\frac{1}{8}$"	...	...	...	...	...	...	...	...	...	900450
Eyelet, $\frac{1}{8}$ " ring type	...	...	...	...	...	...	...	...	...	187700
Eyelet, $\frac{3}{16}$ " ring type	...	...	...	...	...	...	...	...	...	187009
Fuse holder	...	...	...	...	...	...	...	...	...	54190387
Fuse, 35 amp.	...	...	...	...	...	...	...	...	...	188818
Lucar connector, 17.5 amp.	...	...	...	...	...	...	...	...	...	54942078
Lucar connector, 35 amp.	...	...	...	...	...	...	...	...	...	54942079
Lucar connector, 17.5 amp., double	...	...	...	...	...	...	...	...	...	54942747
Lucar sleeve, 17.5 amp.	...	...	...	...	...	...	...	...	...	54190042
Lucar sleeve, 35 amp.	...	...	...	...	...	...	...	...	...	54190043
Lucar sleeve, 17.5 amp., double	...	...	...	...	...	...	...	...	...	54190119

† Order separately.



HEADLAMPS



MODEL SS700P

Part No. Model	59666A SS700P	59760A SS700P
Rim or door	553248	553248
Wire, light unit fixing	504665	504665
Screw, rim fixing	144921	144921
Plate, rim fixing	534296	534296
Ammeter	36403	36403
Warning light body assembly	38189	38189
Washer, warning light sealing	54140331	54140331
Light unit	516798	54522680
Adaptor or bulbholder, main	554602	553738
Sleeve, terminal	555910	555910
Bulbholder, pilot	554710	54573590
Interior, pilot bulbholder	553780	553780
Ring, pilot bulbholder seating	554354	554354
Washer, cable grip	516285	516285
Screw, lamp fixing	112201	112201
Washer, screw fixing	137498	137498
Body	54523347	54523347
Bulb, main	446	411
Bulb, pilot	989	989

Part No. Model	59761A SS700P	59872A SS700P
Rim or door	553248	553248
Wire, light unit fixing	504665	504665
Screw, rim fixing	144921	144921
Plate, rim fixing	534296	534296
Ammeter	36403	36403
Warning light body assembly	38189	38189
Washer, warning light sealing	54140331	54140331
Bulbholder, warning light	—	54945043
Switch, lighting	—	35710
Light unit	54522680	516798
Adaptor or bulbholder, main	553738	554602
Sleeve, terminal	555910	555910
Bulbholder, pilot	54573590	54573590
Interior, pilot bulbholder	553780	553780
Ring, pilot bulbholder seating	554354	554354
Washer, cable grip	516285	—
Screw, lamp fixing	112201	112201
Washer, screw fixing	137498	137498
Body	54523347	54523999
Connector, double	—	850641
Bulb, warning light	—	281
Bulb, main	410	446
Bulb, pilot	989	989

Part No. Model	59873A SS700P	59874A SS700P
Rim or door	553248	553248
Wire, light unit fixing	504665	504665
Screw, rim fixing	144921	144921
Plate, rim fixing	534296	534296
Ammeter	36403	36403
Warning light body assembly	38189	38189
Washer, warning light sealing	54140331	54140331
Bulbholder, warning light	54945043	54945043
Switch, lighting	35710	35710
Light unit	54522680	54522680
Adaptor	553738	553738
Bulbholder, pilot	54573590	54573590
Interior, pilot bulbholder	553780	553780
Ring, pilot bulbholder seating	554354	554354
Screw, lamp fixing	112201	112201
Washer, screw fixing	137498	137498
Body	54523999	54523999
Connector, double	850641	850641
Connector, single	900288	900288
Bulb, warning light	281	281
Bulb, main	411	410
Bulb, pilot	989	989



**STOP TAIL, REFLEX AND
NUMBER PLATE LAMPS**

Part No.	...	...	...	...	53454D	53973E
Model	...	...	...	...	564	679
Lens and window	...	...	...	...	54576001	54577109
Screw, lens fixing	...	...	...	...	—	144921
Nut, barrel, lens fixing	...	...	...	...	575219	—
Gasket, lens seating	...	...	...	...	575208	—
Bulbholder assembly	...	...	...	...	—	54578213
Shell, bulbholder	...	...	...	...	575209	—
Interior, bulbholder	...	...	...	...	573828	573828
Grommet, bulbholder	...	...	...	...	575207	—
Base	...	...	...	...	54573881	54578212
Grommet, cable entry	...	...	...	...	573825	—
Gasket, lamp seating	...	...	...	...	—	54571677
Nut, lamp fixing	...	...	...	...	166019	—
Screw, lamp fixing	...	...	...	...	—	110714
Washer, shakeproof	...	...	...	...	188330	188330
Washer, spacer, bolt fixing	...	...	...	...	131023	—
Bulb	...	...	...	...	380	380

REFLEX REFLECTORS

Part No.	57110A	57111A	57162A
Model	RER25	RER24	RER25

BULBS

Part No.	Volt	Watts	Description
281	12	2.0	Coil, sub miniature
380	12	21/6	Transverse, offset pin
410	12	45/40	Duplo "D"
411	12	45/40	Duplo "D", yellow
446	12	50/40	Transverse, vertical dip
989	12	6	Coil, miniature bayonet cap

‡ Order separately.

