

LUCAS

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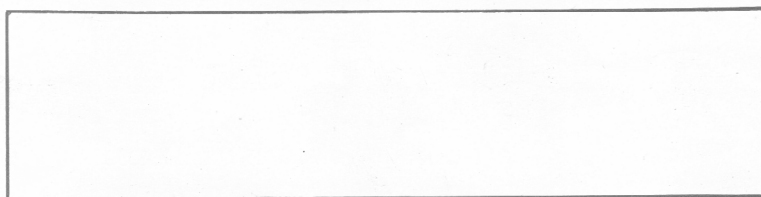
EQUIPMENT



CAR EQUIPMENT DETAILS
AND SPARE PARTS FOR

CITROEN LIGHT FIFTEEN

1949



JOSEPH LUCAS LTD • BIRMINGHAM 19 • ENGLAND

LUCAS

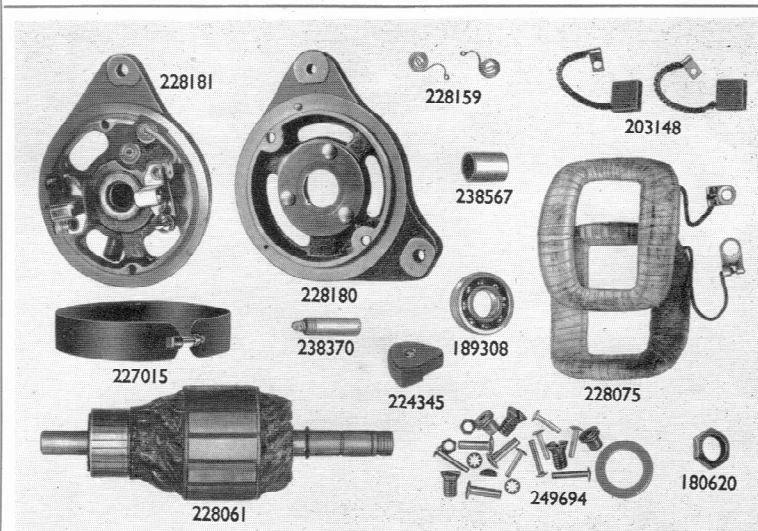
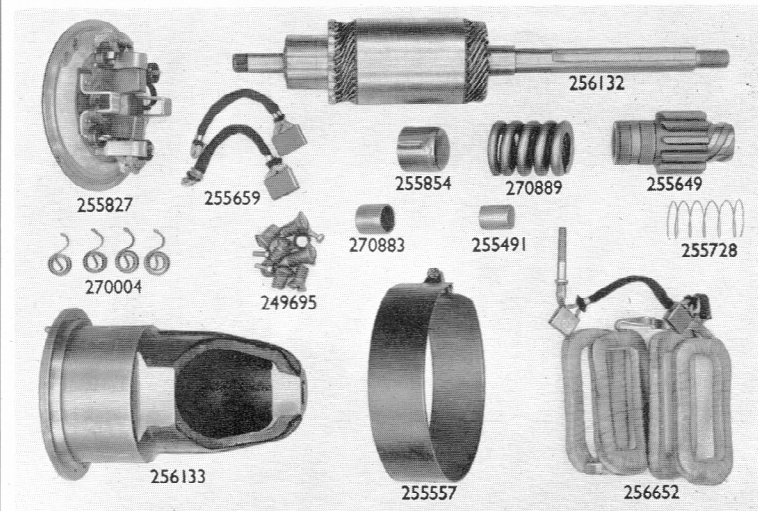
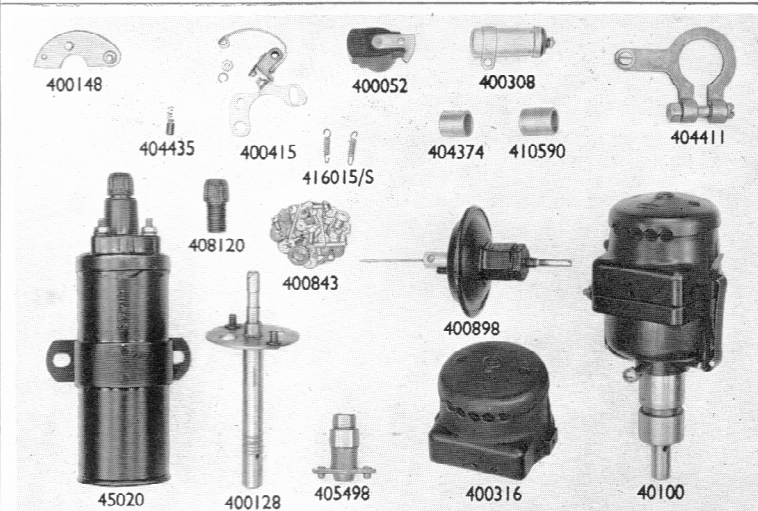
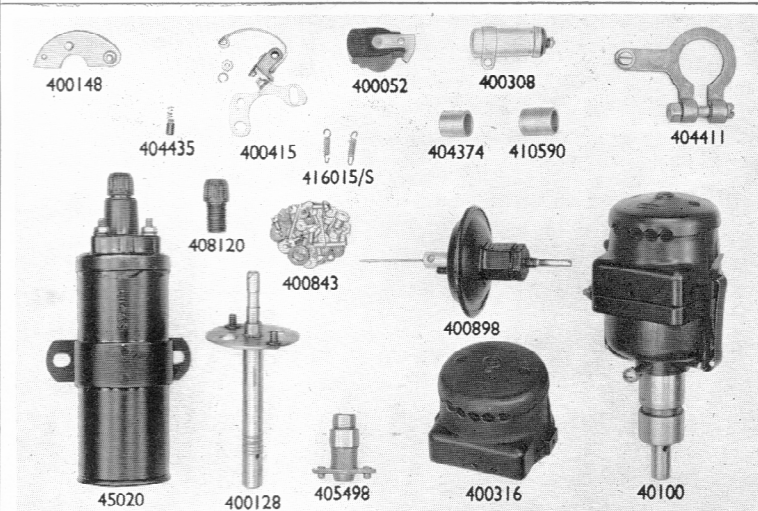
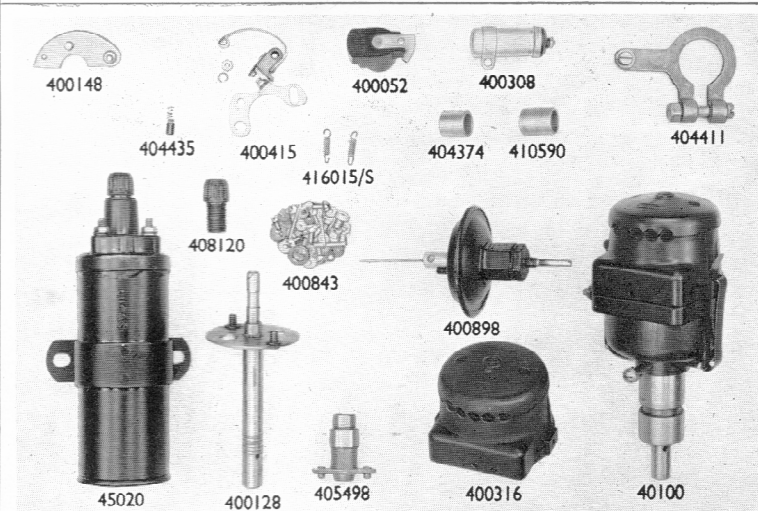
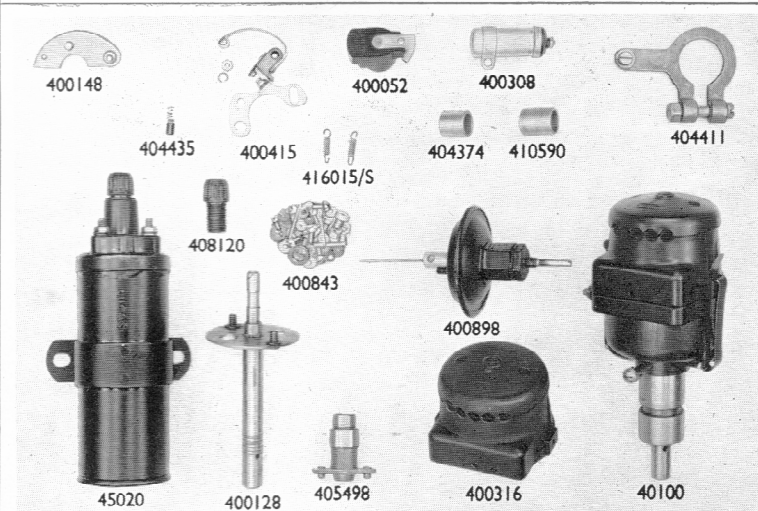
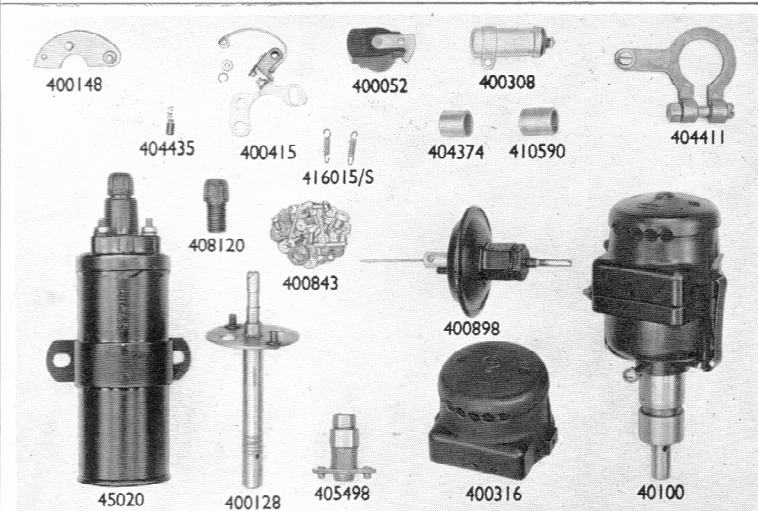
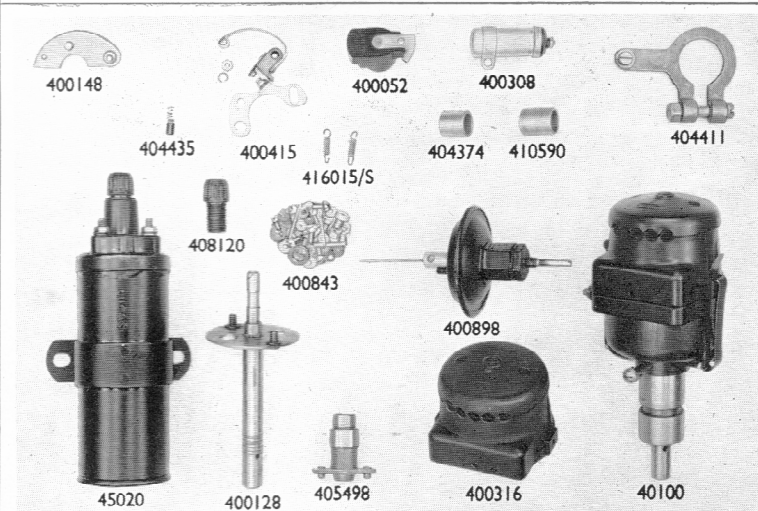
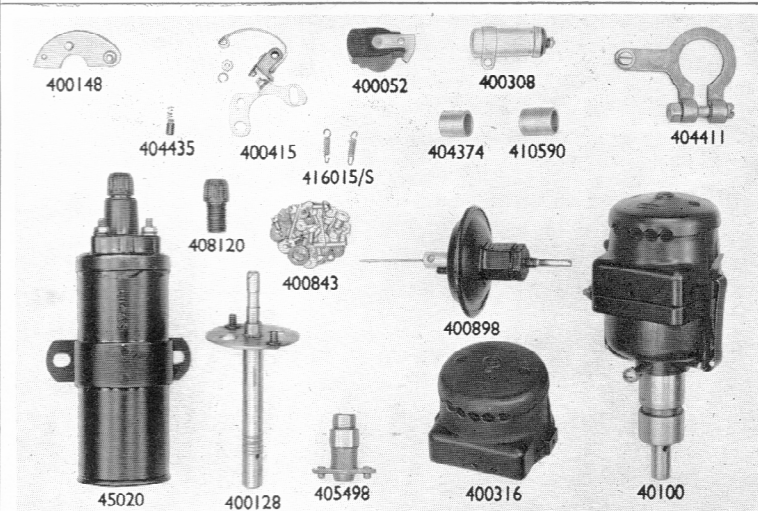
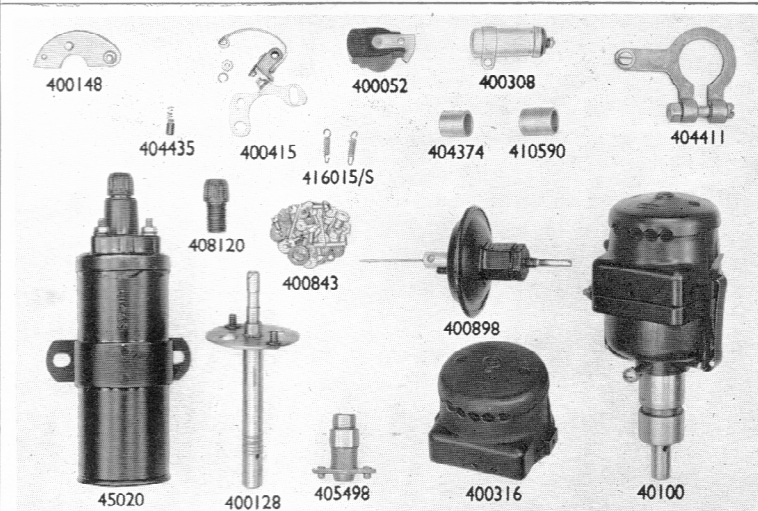
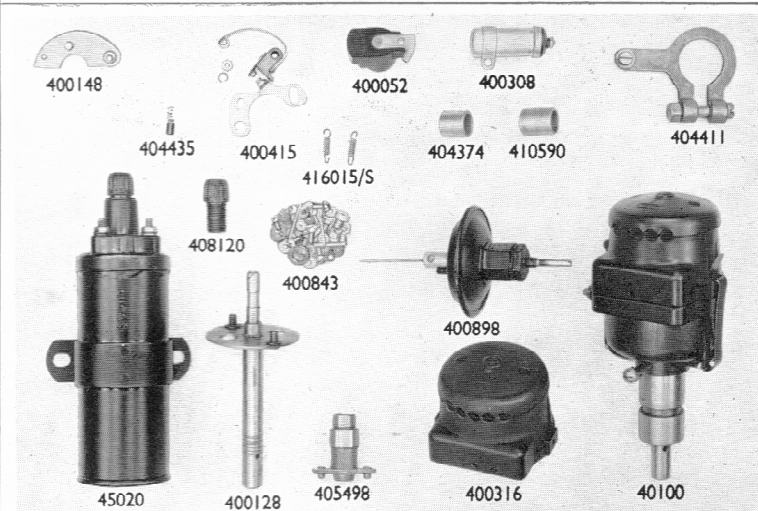
ORIGINAL EQUIPMENT

CITROEN LIGHT FIFTEEN EQUIPMENT SPECIFICATION

UNIT	MODEL & TYPE	SERVICE No.	SERVED BY	REMARKS
DYNAMO	C45YV/3 CJ26	22416A	22416A	
STARTER	M418G CJ26	25531A	25531A	
SWITCH, STARTER	ST950	76411B	76411B	
DISTRIBUTOR	DKH4A CJ26	40100E	40100E	
COIL, IGNITION	Q12 L/0	45020A	45020A	
SWITCH BOX	PLC6 LI21	34025A	34025A	
SWITCH, SOLENOID OPERATING	SS5 L2	317063	317063	
AMMETER	CZ34 L4	36075A	36075A	
LIGHT, WARNING	WL12	38052B	38052B	U.S.A.
RELAY	LIR	33095A	33095A	U.S.A.
CONTROL BOX	RF95/2 L0	37057B	37057B	
LAMP, HEAD	MBD140EDS	50716D	50716D	Left Hand
	MBD140	50717D	50717D	Right Hand
		50718A	50718A	Export Belgium
	S700	50775D	50775D	Export U.S.A.
LAMP, SIDE	I130	52030A	52030A	
LAMP, STOP TAIL	ST38C	53063B	53063B	
	488	53151A	53151A	Export
LAMP, NUMBER PLATE ILLUMINATION	467/2	53093E	53093E	Export
SWITCH, STOP LAMP	54C	315725	315725	
HORN	WT614	69011D	69011D	Low Note
		69012D	69012D	High Note
SWITCH, STEERING COLUMN CONTROL	SC60	31129A	31129A	
TRAFFICATORS	SF34N	54017B	54017B	
SCREENWIPER	CR2 CJ30	072645	75055B	

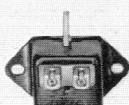
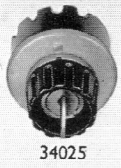
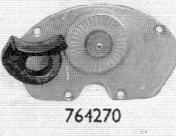
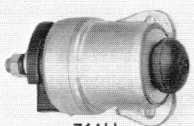
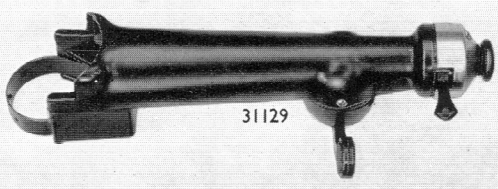
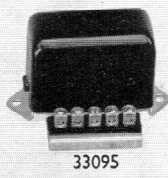
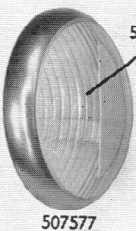
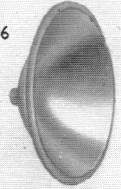
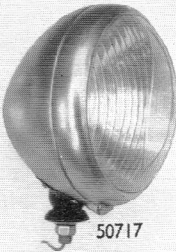
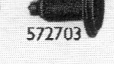
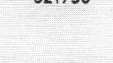


LUCAS SPARE PARTS

ILLUSTRATION	DESCRIPTION OF PART	ORDERING No.
	DYNAMO, C45YV-3 CJ26 ...	22416
	Cover, band	227015
	STARTER, M418G CJ26... ...	25531
	Cover, band	255557
	COIL, Ignition, Q12 L/O ...	45020
	Nut, H.T. terminal	408120
	DISTRIBUTOR, DKH4A CJ26 ...	40100
	Lever	404411
	Cover	400316
	Brush and spring	404435
	Rotor arm	400052
	Contact set	400415
	Condenser	400308
	Unit, vacuum	400898
	Cam	405498
	Springs, auto advance	416015/S
	Weights, auto advance	400148
	Shaft and action plate	400128
	Bearing bush, top	404374
	Bearing bush, bottom	410590
	Sundry parts, set	400843

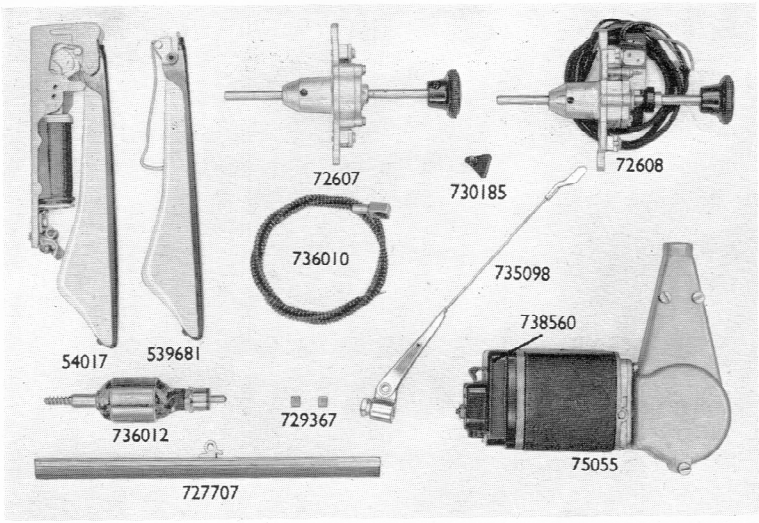
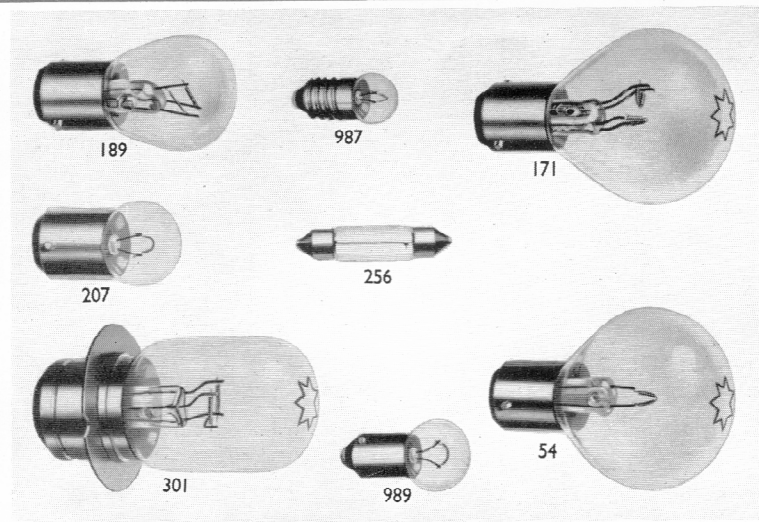
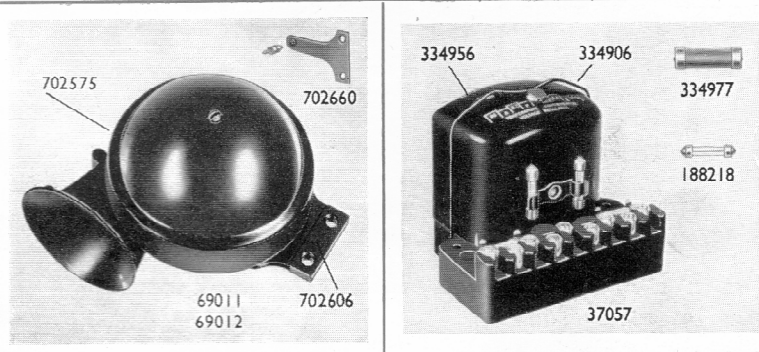
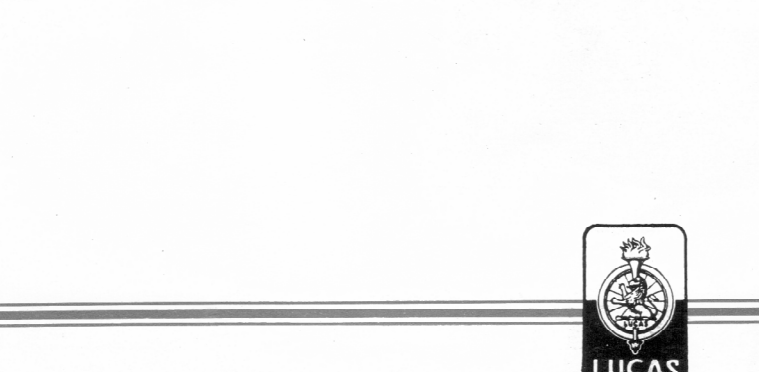


LUCAS SPARE PARTS

ILLUSTRATION	DESCRIPTION OF PART	ORDERING No.
INSTRUMENT PANEL PARTS		
	Ammeter, CZ34 L4	36075
	Switch box, PLC6 LI21	34025
	Switch, solenoid operating, SS5 L2	317063
	Warning light, WL12, U.S.A. ...	38052
	Spring	315725
	Plate, adaptor, DSTI	315714
	Switch, starter, ST950	76411
	Relay, LIR, U.S.A.	764270
	Switch, steering column, SC60	31129
	Relay, LIR, U.S.A.	33095
HEADLAMP, MBD140, Right Hand Home		
	Rim and glass	50717
	Wire, glass fixing	507577
	Glass	500291
	Bead	507586
	Reflector	509201
	Bulb holder, single contact	506854
HEADLAMP, MBD140EDS, Left Hand Home		
	Unit, dipper	50716
	Fuse	501014
	Reflector	188232
	Rim, extension	508247
	Otherwise as 50717.	508248
HEADLAMP, MBD140, Export, Belgium		
	Bulb holder, double contact	50718
	Reflector	504801
	Otherwise as 50717.	506855
HEADLAMP, S700, Export, U.S.A.		
	Rim	507775
	Wire, light unit fixing	553248
	Adaptor, double contact	504665
	Unit, light	555005
LAMP, SIDE, I130		
	Rim assembly	52030
	Bulb holder	523937
LAMP, STOP TAIL, 488, Export		
	Rim	53151
	Lens	572734
	Body, rubber	572704
	Interior bulb holder	572703
LAMP, STOP TAIL, ST38C		
	Rim	53063
	Glass	520445
	Bead	520409
	Partition assembly	525555
	Window, with fixing parts	523584
LAMP, NUMBER PLATE ILLUMINATION, 467/2		
	Window	53093
	Body	572596
	Gasket, window	572603
	Grommet	572595
	Sundry parts, set	572039



LUCAS SPARE PARTS

ILLUSTRATION	DESCRIPTION OF PART	ORDERING No.
	SCREENWIPER, CR2 CJ30	
	Motor 75055 Cover, end, bakelite 738560 Brush set 729367 Armature 736012 Crosshead and rack 736010 Wheelbox, right hand 72608 Wheelbox, left hand 72607 Arm 735098 Blade 727707 Stop, rubber 730185	
	TRAFFICATOR MOVEMENT, SF34N	54017
	Arm 539681	
	BULBS	
	Headlamp, Home 54 Headlamp, Export 171 Headlamp, Export, U.S.A. 301 Side lamp 207 Stop tail lamp 189 & 207 Trafficator 256 Number plate illumination lamp 989 Warning light 987	
	HORN, WT614, Low Note	69011
	High Note	69012
	Cover 702575	702575
	Bracket 702606	702606
	Contact set 702660	702660
	CONTROL BOX, RF95/2 LO	37057
	Cover 334956	334956
	Clip 334906	334906
	Resistance 334977	334977
	Fuse 188218	188218



SERVICE NOTES AND TEST DATA

12 VOLT EQUIPMENT POSITIVE EARTH RETURN

DYNAMO

Two-pole ventilated design; compensated voltage control; clockwise rotation viewed from driving end.

Crossed connections will cause serious damage to the regulator. Connect YELLOW LEAD to main terminal, and YELLOW LEAD WITH GREEN TRACER to field terminal.

TEST DATA. Dynamo cold:

Cutting-in speed 900—1,050 r.p.m. at 12.5 dynamo volts.

Output 13.0 amps. at 1,500—1,700 r.p.m. at 13.0 dynamo volts, taken on 1.0 ohm resistance load without regulator. (Resistance must be able to carry 15 amps. without overheating).

Brush tension 22—25 ozs.

Field resistance 6.0—6.4 ohms.

STARTER

Four-pole design; anti-clockwise rotation viewed from driving end. Outboard drive with 10-tooth pinion.

TEST DATA

Lock torque 17 lbs. ft. (approx.) with 400—450 amps. and 7.0—7.2 volts.

Brush tension 30—40 ozs.

DISTRIBUTOR

Anti-clockwise rotation viewed from driving end.

Contact breaker gap .010"—.012".

Contact breaker spring tension 20—24 ozs. measured at contacts.

Condenser capacity 0.2 microfarad.

TEST DATA

Centrifugal advance commences at 200—400 r.p.m. (distributor) and gives maximum advance of 13°—15° at 2,000 r.p.m.

IGNITION COIL

Current consumption: 1.4 amps. (approx.) running.
2.7 amps. (approx.) stall.

Coil moulding must be kept clean.

CONTROL BOX

Houses cut-out, dynamo voltage regulator, and fuses.

TEST DATA

(a) Cut-out. Cut-in voltage 12.7—13.3 volts.
Drop-off voltage 9.0—10.0 volts.

(b) Regulator. Setting at 10°C. (50°F.) 16.1—16.7 volts.
Setting at 20°C. (68°F.) 15.8—16.4 volts.
Setting at 30°C. (86°F.) 15.6—16.2 volts.
Setting at 40°C. (104°F.) 15.3—15.9 volts.

(c) Fuses. Two 35 amps. in circuit of accessories.

HEADLAMPS

Correct lamp settings are important to prevent dazzle.

Dipping device. Electric dip and switch.

HORN

Windtone type.

Current consumption 6 amps. each horn, i.e., total 12 amps.

WINDSCREEN- WIPER

Current consumption 2.5 amps. (approx.).

Field current 0.8 amp. (approx.).

