

LUCAS

Quality

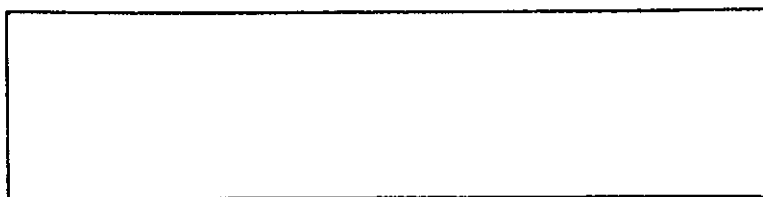
EQUIPMENT



CAR EQUIPMENT DETAILS
AND SPARE PARTS FOR

CITROEN LIGHT FIFTEEN

1949



JOSEPH LUCAS LTD • BIRMINGHAM 19 • ENGLAND

LUCAS

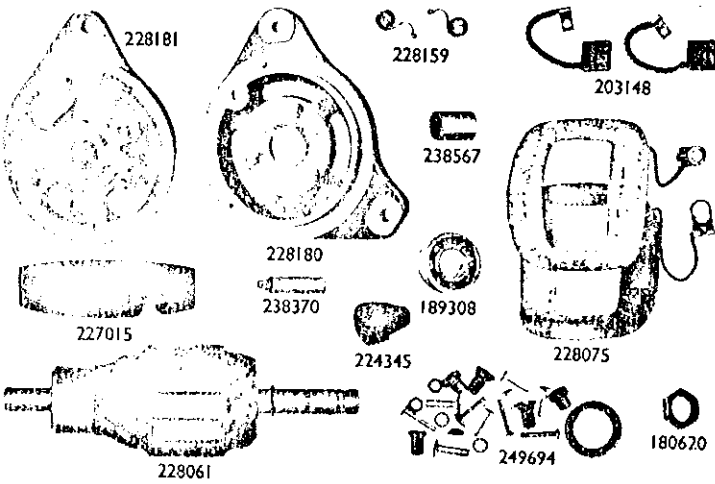
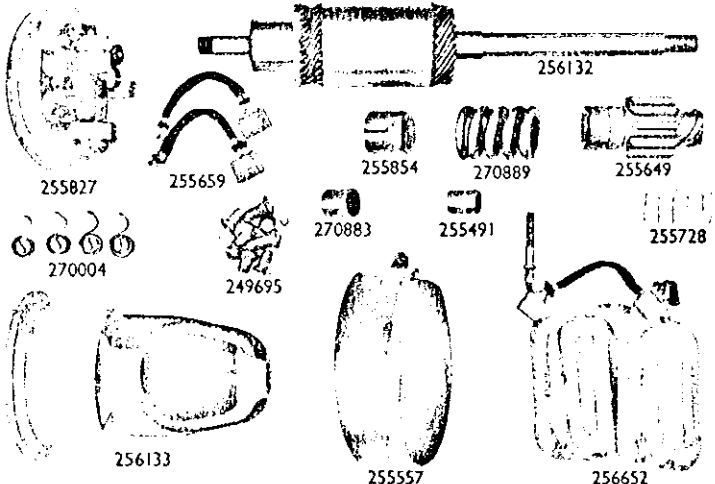
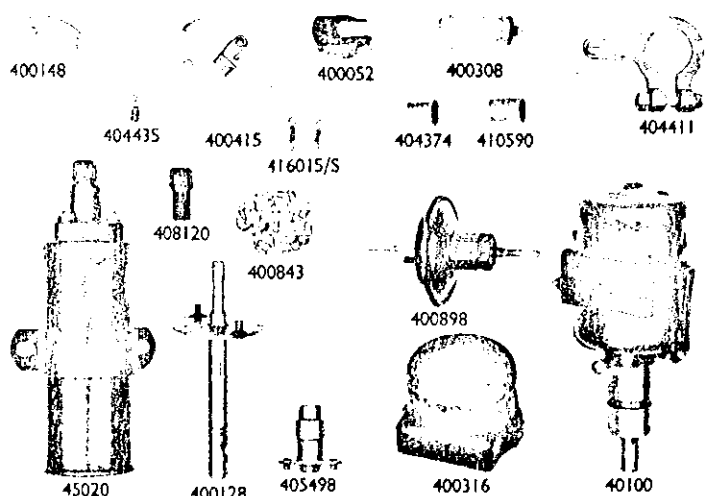
ORIGINAL EQUIPMENT

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/O	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	MBDI40EDS	50716D	50716D	Left Hand
	MBDI40	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	

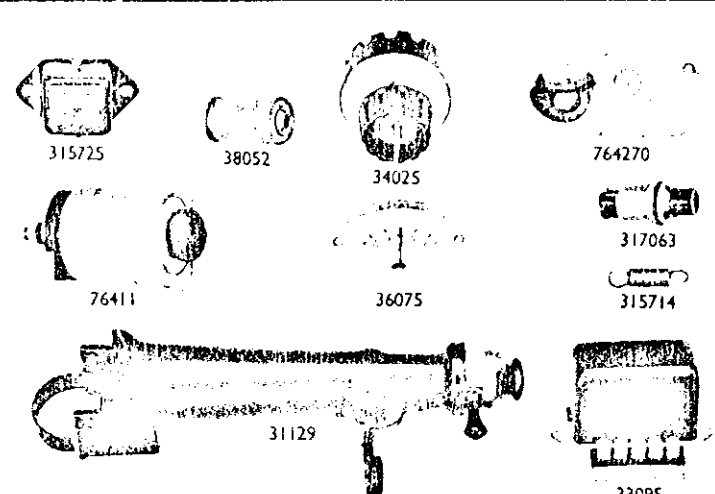
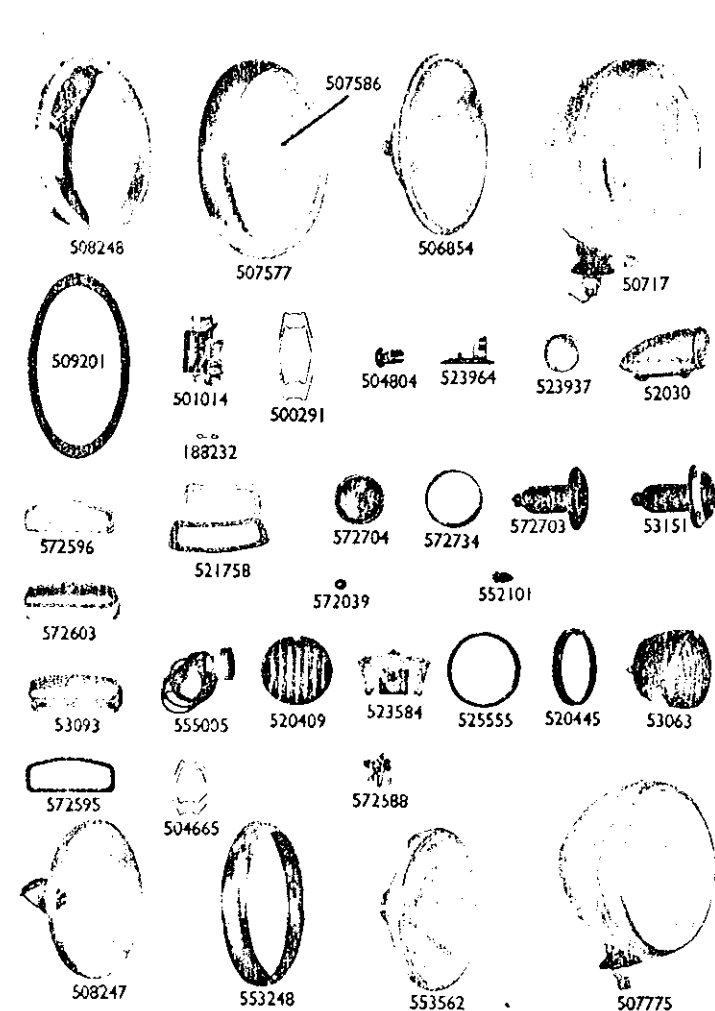


LUCAS SPARE PARTS

ILLUSTRATION	DESCRIPTION OF PART	ORDERING No.
 228181 228159 203148 238567 228180 238370 189308 224345 228075 227015 228061 249694 180620	DYNAMO, C45YV-3 CJ26 ... Cover, band Brush set Bracket, commutator end Bush, commutator end Oiler Springs, set, brush Terminal block Bearing, drive end Bracket, drive end Nut, shaft Armature Coils, field Sundry parts, set	22416 227015 203148 228181 238567 238370 228159 224345 189308 228180 180620 228061 249694
 255827 255659 255854 270889 255649 270004 249695 270883 255491 255728 256133 255557 256652 256132	STARTER, M418G CJ26... ... Cover, band Cap, shaft Brushes, pair Bracket, commutator end Bush, commutator end Springs, set, brush Spring, main Pinion and barrel Spring, pinion retaining Bracket, drive end Bush, drive end Armature Coils, field Sundry parts, set	25531 255557 255854 255659 255827 255491 270004 270889 255649 255728 256133 255557 256652
 400148 404435 400415 416015/S 408120 400843 400898 400316 40100 400052 400308 404374 410590 404411 45020 400128 405498	COIL, Ignition, Q12 L/O ... Nut, H.T. terminal DISTRIBUTOR, DKH4A CJ26 ... Lever Cover Brush and spring Rotor arm Contact set Condenser Unit, vacuum Cam Springs, auto advance Weights, auto advance Shaft and action plate Bearing bush, top Bearing bush, bottom Sundry parts, set	45020 408120 40100 404411 400316 404435 400052 400415 400308 400898 405498 416015/S 400148 400128 404374 410590 400843

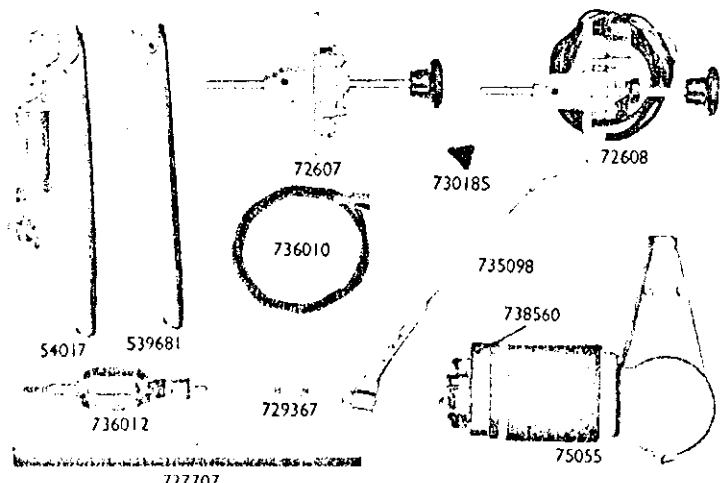
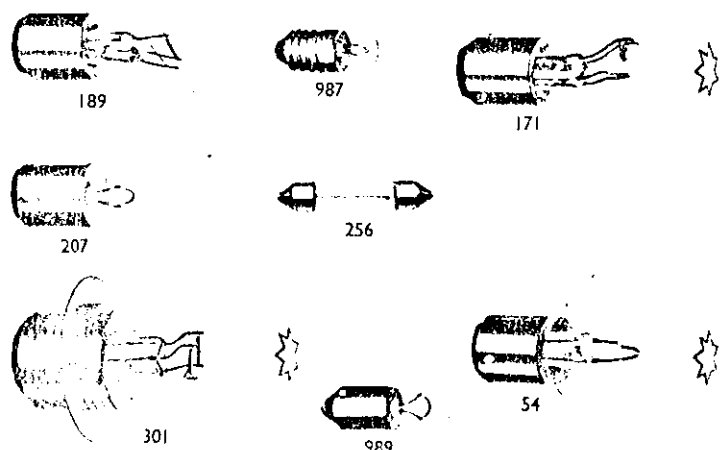
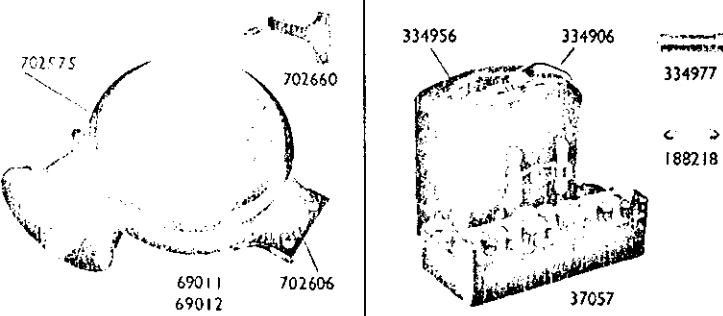
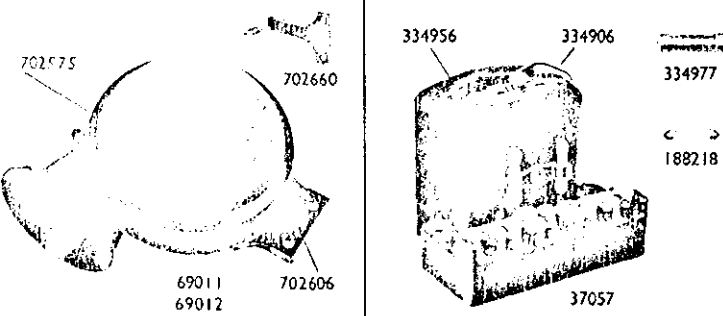
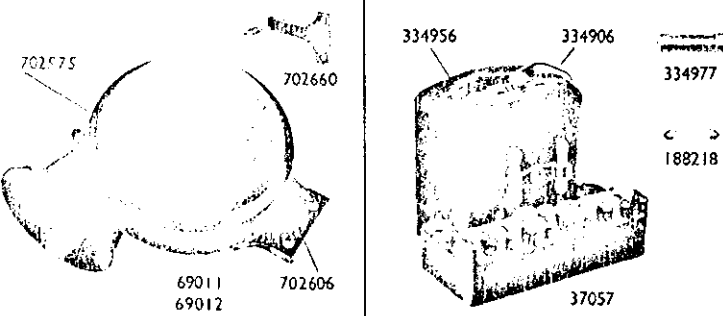


LUCAS SPARE PARTS

ILLUSTRATION	DESCRIPTION OF PART	ORDERING No.
	INSTRUMENT PANEL PARTS	
	Ammeter, CZ34 L4	36075
	Switch box, PLC6 LI2I	34025
	Switch, solenoid operating, SS5 L2	317063
	Warning light, WL12, U.S.A. ...	38052
	SWITCH, STOP TAIL,	
	REVERSE, 54C	315725
	Spring	315714
	SWITCH, STARTER, ST950 ...	76411
	Plate, adaptor, DSTI	764270
	SWITCH, STEERING	
	COLUMN, SC60	31129
	RELAY, LIR, U.S.A.	33095
	HEADLAMP, MBD140, Right Hand Home	50717
	Rim and glass	507577
	Wire, glass fixing	500291
	Glass	507586
	Bead	509201
	Reflector	506854
	Bulb holder, single contact	504804
	HEADLAMP, MBD140EDS, Left Hand Home	50716
	Unit, dipper	501014
	Fuse	188232
	Reflector	508247
	Rim, extension	508248
	Otherwise as 50717.	
	HEADLAMP, MBD140, Export, Belgium	50718
	Bulb holder, double contact	504801
	Reflector	506855
	Otherwise as 50717.	
	HEADLAMP, S700, Export, U.S.A. ...	507775
	Rim	553248
	Wire, light unit fixing	504665
	Adaptor, double contact	555005
	Unit, light	553562
	LAMP, SIDE, I130	52030
	Rim assembly	523937
	Bulb holder	523964
	LAMP, STOP TAIL, 488, Export ...	53151
	Rim	572734
	Lens	572704
	Body, rubber	572703
	Interior bulb holder	552101
	LAMP, STOP TAIL, ST38C	53063
	Rim	520445
	Glass	520409
	Bead	525555
	Partition assembly	523584
	Window, with fixing parts	521758
	LAMP, NUMBER PLATE ILLUMINATION, 467/2	53093
	Window	572596
	Body	572603
	Gasket, window	572595
	Grommet	572039
	Sundry parts, set	572588



LUCAS SPARE PARTS

ILLUSTRATION	DESCRIPTION OF PART	ORDERING No.
 72607 730185 72608 736010 735098 738560 75055 54017 539681 736012 729367 727707	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	
 189 987 171 207 256 301 989 54	TRAFFICATOR MOVEMENT, SF34N	
	Arm 54017 539681	
 702575 702660 69011 69012 702606 334956 334906 334977 188218 37057	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	
 702575 702660 69011 69012 702606 334956 334906 334977 188218 37057	HORN, WT614, Low Note	69011
	High Note 69012 Cover 702575 Bracket 702606 Contact set 702660	
 702575 702660 69011 69012 702606 334956 334906 334977 188218 37057	CONTROL BOX, RF95/2 LO	37057
	Cover 334956 Clip 334906 Resistance 334977 Fuse 188218	



SERVICE NOTES AND TEST DATA

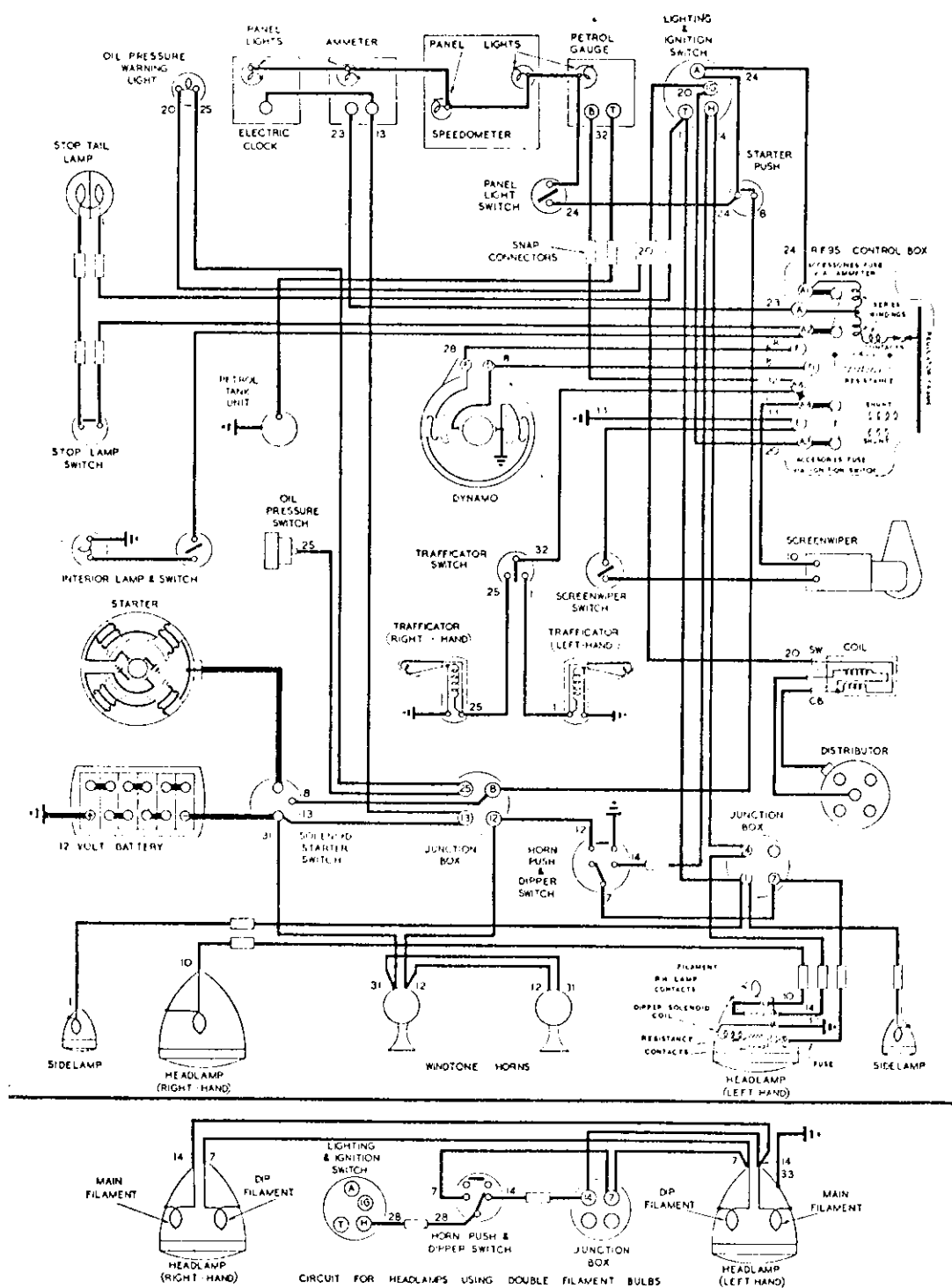
12 VOLT EQUIPMENT POSITIVE EARTH RETURN

- 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.).

CITROEN LIGHT FIFTEEN

SALOON

(HOME AND EXPORT)



KEY TO CABLE COLOURS

1	RED	12	YELLOW & PURPLE	23	WHITE & PURPLE
2	RED & YELLOW	13	YELLOW & BLACK	24	WHITE & BLACK
3	RED & BLUE	14	BLUE	25	GREEN
4	RED & WHITE	15	BLUE & WHITE	26	GREEN & BROWN
5	RED & GREEN	16	BLUE & GREEN	27	GREEN & PURPLE
6	RED & BROWN	17	BLUE & BROWN	28	GREEN & BLACK
7	RED & BLACK	18	BLUE & PURPLE	29	BROWN
8	YELLOW	19	BLUE & BLACK	30	BROWN & PURPLE
9	YELLOW & BLUE	20	WHITE	31	PURPLE
10	YELLOW & GREEN	21	WHITE & GREEN	32	PURPLE & BLACK
11	YELLOW & BROWN	22	WHITE & BROWN	33	BLACK

WIRING DIAGRAM
No. W2147
12-VOLT