

NOMENCLATURE OF PARTS (SM "USA")

Note : "Rep" = References numbers of the parts on the wiring diagram and the installation diagram.

"Position" = Number of the vertical line on the wiring diagram on which the part is located.

Ref.	Name and Position	Loc.
1	First horn	91
2	Second horn	92
3	Right front parking light	74
	Right front directional signal	95
4	Right outside headlight - town	86
	" " " - crossover	84
5	Right inner headlight - road	88
6	Left inner headlight - road	87
7	Left outside headlight - town	85
	" " " - crossover	83
8	Left front parking light	71
	Left front directional signal	92
9	Battery	1
10	Right radiator fan	58
11	Condenser (anti-static) for (10)	57
12	Back-up light switch	102
13	Condenser (anti-static) for (14)	57
14	Left radiator fan	56
15	Thermo-contact switch for water temperature	55
16	Air horn compressor	89
17	Mano-contact of the steering oil pressure	53
18	Illuminated marker light - left front	70
19	Illuminated marker light - right front	75
20	Voltage regulator	17
21	Clutch for the air conditioner compressor	52
22	Alternator	16
23	Condenser (anti-static) for (22)	16
24	Horn relay	89
25	Relay for running lights	85
26	Circuit breaker (power windows & air conditioner)	53
27	Circuit breaker (cooling system fans)(radiator)	56
28	Relay for cooling system fans	55
29	Relay for power windows and air conditioner	40
30	Air conditioner blower	47
31	Condenser (anti-static) for (30)	48
32	Relay for power antenna (raising)	64
33	Relay for power antenna (lowering)	67
34	Antenna motor	66
35	Starter with solenoid	3

Ref.	Name and Position	
70	Tachometer and lighting	14, 79, 80
71	Speedometer lights	78, 79
72	Hand brake signal flasher	100
73	Directional signal flasher	94
74	Interior light contact switch - left door	103
75	Buzzer	103
76	Accessory terminal	62
77	Radio filter	62
78	Radio fuse	62
79	Power window lifter switch - left	41
80	Power window lifter switch - right	45
81	Fuel pump relay	6
82	Fuel pump security block	10
83	Climatization blower switch	50
84	Ambiance thermostat	52
85	Ignition switch light	104
86	Instrument lights dimmer switch	80
87	Temporizer - windshield wipers	36
88	Window lifter motor - left side	41
89	Radio speaker - left front	61
90	Radio speaker - right rear	64
91	Condenser (anti-static) for (92)	6
92	Fuel pump	5
93	Fuel gauge sending unit (tank)	27
94	Radio	62
95	Hand brake contact switch	100
96	Ash tray light	77
97	Air blower resistances	49
98	Interior lights	104
99	Anti-theft ignition switch	4, 9, 33, 97, 103
100	Headlight switch	80
101	Directional signal switch	93
102	Windshield washer and wiper switch	38
103	Radio speaker - left rear	61
104	Trunk light	105
105	Rear windshield heater element	99
106	Illuminated marker - right rear	74
107	Tail light - right rear	73
108	Directional signal	94
109	Stop light - right rear	69
110	Back-up light - right rear	102
111	License plate light - right rear	77
112	License plate light - left rear	76
113	Back-up light - left rear	101
114	Stop light - left rear	68
115	Directional signal - left rear	93
116	Tail light - left rear	72
117	Illuminated marker - left rear	71
Seat Belt Electrical Installation (see separate diagram)		
118	Seat belt buzzer	

Ref.	NAME AND POSITION
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- 119 Seat belt flasher
- 120 Seat belt indicator
- 121 Seat belt relay
- 122 Contact switch on the passenger's seat
- 123 Contact switch on the driver's seat belt
- 124 Contact switch on the passenger's seat belt

Automatic Transmission
(See separate diagram)

- 12 Neutral switch
- 125 Starter relay
- 126 Selector panel light

TABLE OF FUSES (SM - USA)

Source of Current	Fuses		Number	Circuits and/or Units Protected	
	Rating	No. & Color			
+ Battery (9)	16 A	F 1	Blue	104	Trunk light
				57	Interior light switch (dash) --
				98	Interior lights
				85	Ignition switch light
				99	Ignition switch
				74	Interior light switches (door contacts)
				75	Buzzer
				73	Directional signal flasher --
				59	Hazard warning switch
				101	Directional signal switch
				69	Directional signal indicators (on alert block)
				108 & 115	Directional signals
				99	Ignition switch
				95	Hand brake contact
				72	Hand brake flasher
69	Hand brake indicator (on alert block)				
110 & 113	12	Back-up light switch			
	58	Back-up lights			
	105	Rear window heater switch			
	69	Rear window heater element			
		Rear window heater indicator (on alert block)			
+ Battery (9)	16 A	F 2	Yellow	99	Ignition switch --
				69	Alert block
				56	Instrument block --
					- Fuel gauge
					- Water temperature gauge
	- Oil temperature gauge				
				102	Windshield washer/wiper switch

Circuits and/or Units Protected				
Source of Current	Fuses		Number	
	Rating	No. & Color		
			Windshield washer pump TempORIZER Windshield wiper motor Relay for air conditioner blower & power windows	
Headlight Switch (100)	16 A 10 A 10 A 10 A	F 3 F 4 F 5 F 6	47 87 36 29 5 & 6 3 19 106 107 8 18 117 116 67 111 112 96 86 56 68 70 71 69	Road headlights Running lights - right side Right front parking light Right front fender marker Right rear fender marker Right rear tail light Running lights - left side Left front parking light Left front fender marker Left rear fender marker Left rear tail light Lighting for: Climaticization control panel License plate: right rear License plate: left rear Ash tray Instrument lights dimmer Gauge block -- Water temperature Oil temperature Fuel Electric clock and light Tachometer and lights Speedometer lights Indicator (on alert block)

Circuits and/or Units Protected							
Source of Current	Fuses			Number			
	Rating	No. & Color					
Headlight Switch (100)	16 A	F 7 Blue	7	Town headlight - left			
	16 A	F 8 Yellow	4	Town headlight - right			
	16 A	F 9 White	7	Crossover - left			
	16 A	F 10 Green	4	Crossover - right			
+ Battery (9)	16 A	F 11 Red	65	Hood light			
			55	Glove box (additional "in line" fuse)			
			66	Cigar lighter			
			68	Clock			
			76	Accessory terminal			
			77	Radio Filter			
			78	Radio fuse (in line)			
			94	Radio			
			54	Map light switch			
			53	Map light			
			62	Stop light switch			
			114	Left rear stop light			
			109	Right rear stop light			
			32	Relays for the power antenna --			
			33	Relay for raising antenna			
			34	Relay for lowering antenna			
				Motor for power antenna			
			+ Battery (9)	Circuit Breaker (26)	Red	29	Relay for power window & climatization
						79	Up and down switch for left window
80	Up and down switch for right window						
88	Window lifter motor - left						
52	Window lifter motor - right						
83	Air blower control switch						
97	Resistances						
84	Thermostat						
	Blower motor (with anti-static condenser)						
31, 30							

Circuits and/or Units Protected			
Source of Current	Fuses		Number
	Rating	No. & Color	
			21 48 17
			Clutch - Air conditioner compressor Relay of the steering oil pressure Steering oil pressure mano-contact
+ Battery (9)	Circuit Breaker (27)	Yellow	28 10, 14 11, 13
			Relay of the cooling system fans Cooling system fans (with anti-static condenser)
Separate fuse for the glove box light. Separate fuse for the radio Separate circuit breakers incorporated on the window lifter motors.			
Non-Protected Units			
			35 1, 2 16 22 20 37, 39 38, 40 41 92 91 81 82
			Starter Air horns Air horn compressor Alternator Voltage regulator Motor ignition circuit -- Coils (with their anti-static condensers) Distributor Fuel pump and control circuit Anti-static condenser Relay Security box

Source of Current			Fuses		Number	Circuits and/or Units Protected
			Rating	No. & Color		
					70	Tachometer
					25	Field circuit of the relay and indicators for the headlights
					28	Field circuit of the relay for the cooling system fans

Wiring Diagram - SM "USA"

Legend of the Symbols

Jonction par fiches	Connection by bayonet pin
Connecteur	Connector (block type)
Fusible	Fuse
Contact manuel, interrupter	Manual contact switch
Contact mécanique	Mecanical contact switch
Contact de Température	Temperature contact switch
Contact de pression	Pressure contact switch
Electro, bobinage	Electo-magnets, coil windings
Résistance	Resistance
Résistance variable	Variable resistance
Condensateur	Condenser
Diode (redresseur)	Diode (rectifier)
Moteur	Motor
Lampe éclairage	Bulb
Lampe témoin (voyant)	Indicator bulb (signals)
Indicateur	Indicator

















Nomenclature of the Wiring Harness

C: Load	J: Pedal
E: Right fender	K: Console
F: Left fender	L: Rear
G: Antenna	M: Climatization
H: Front (main)	N: Feed
I: Detection (sensing)	F.V.: Signal Wire

IDENTIFICATION OF WIRING HARNESS

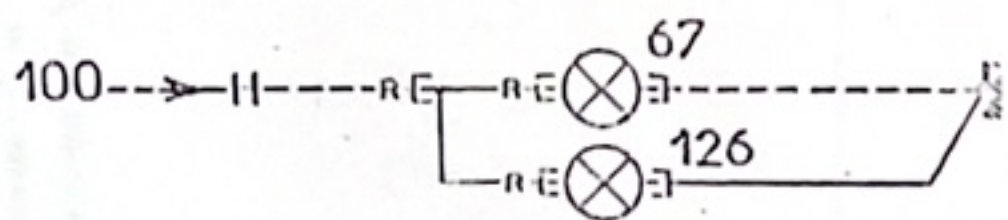
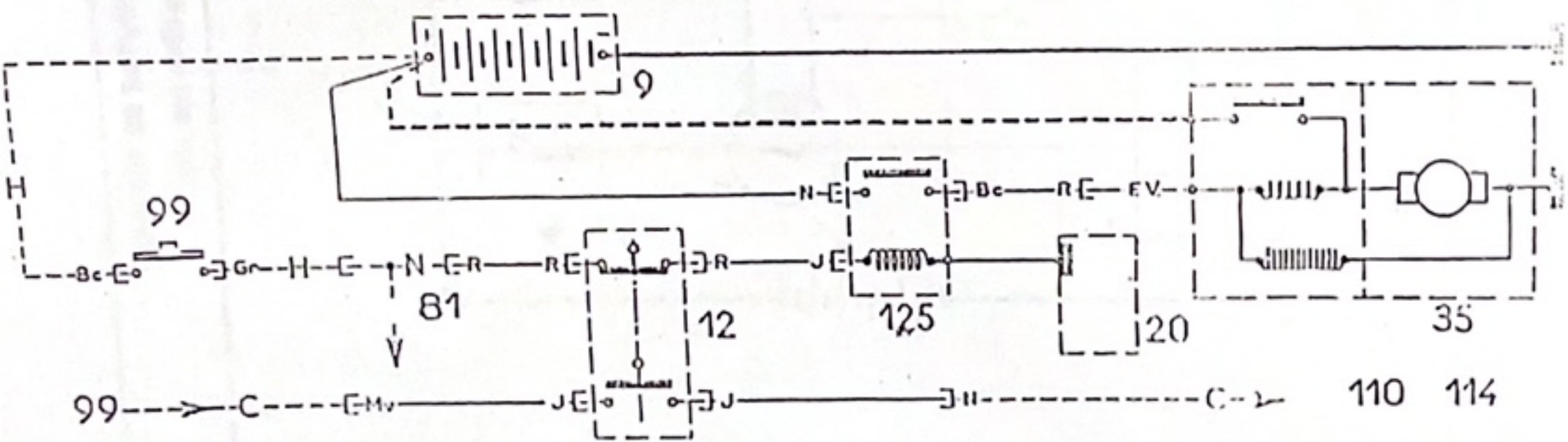
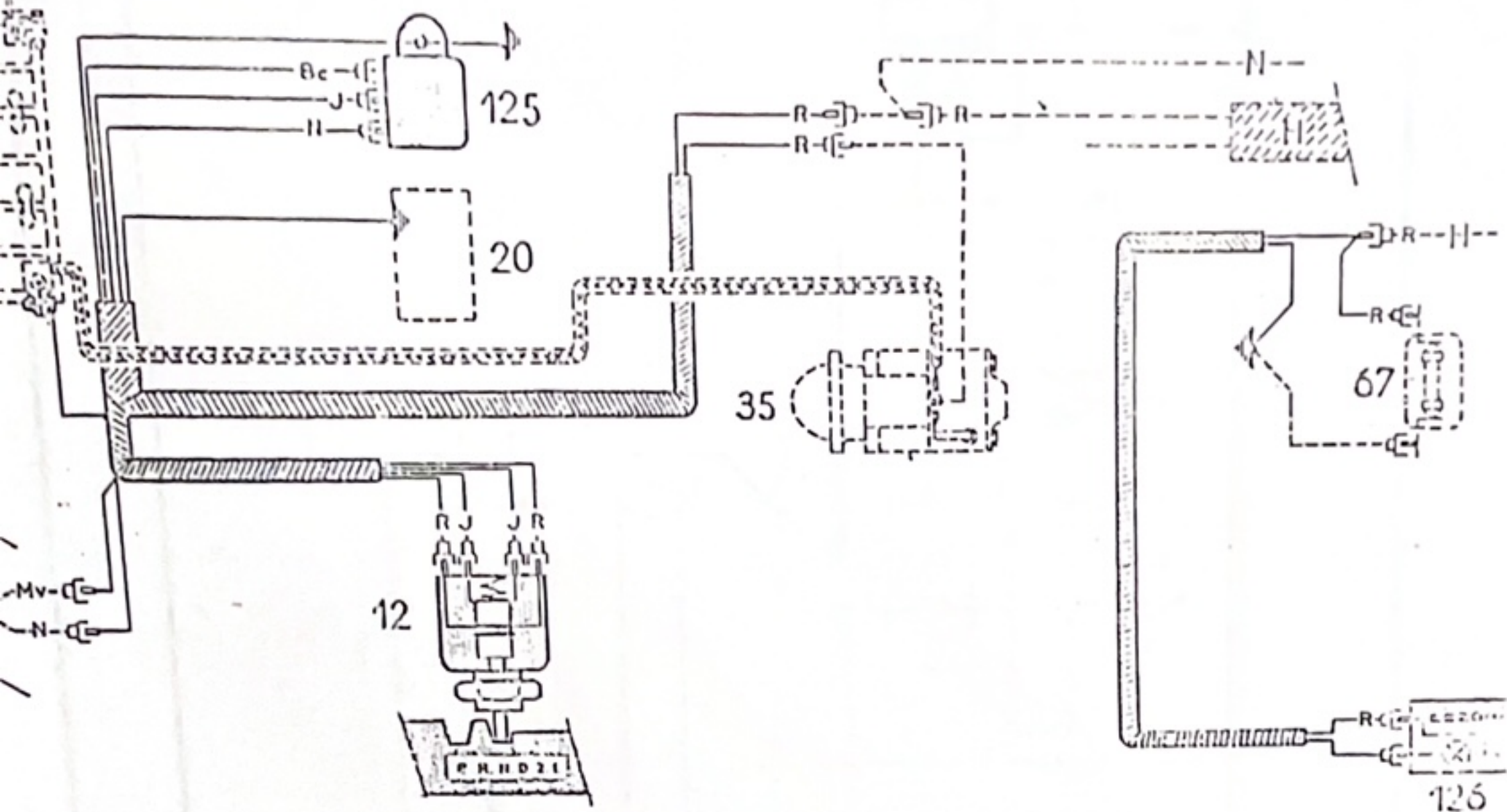
- A - Headlamp harness, RH
- B - Headlamp harness, LH
- C - Regulator- Alternator harness
- D - Fog lamp harness
- E - Front right wing harness
- F - Front left wing harness
- G - Radio aerial harness
- H - Front harness
- I - Thermal sensor harness
- J - Pedal gear harness
- K - Harness on console
- L - Rear harness
- M - Air conditioning
- FV - Flying lead

SYMBOLS

-  Junction by male and female plugs
-  Junction by connector
-  Fuse
-  Manually operated switch
-  Mechanically operated switch
-  Thermal switch
-  Pressure switch
-  Winding
-  Resistance
-  Variable resistance
-  Condenser
-  Diode
-  Motor
-  Bulb
-  Warning lamp
-  Indicator

- COLOUR CODE -

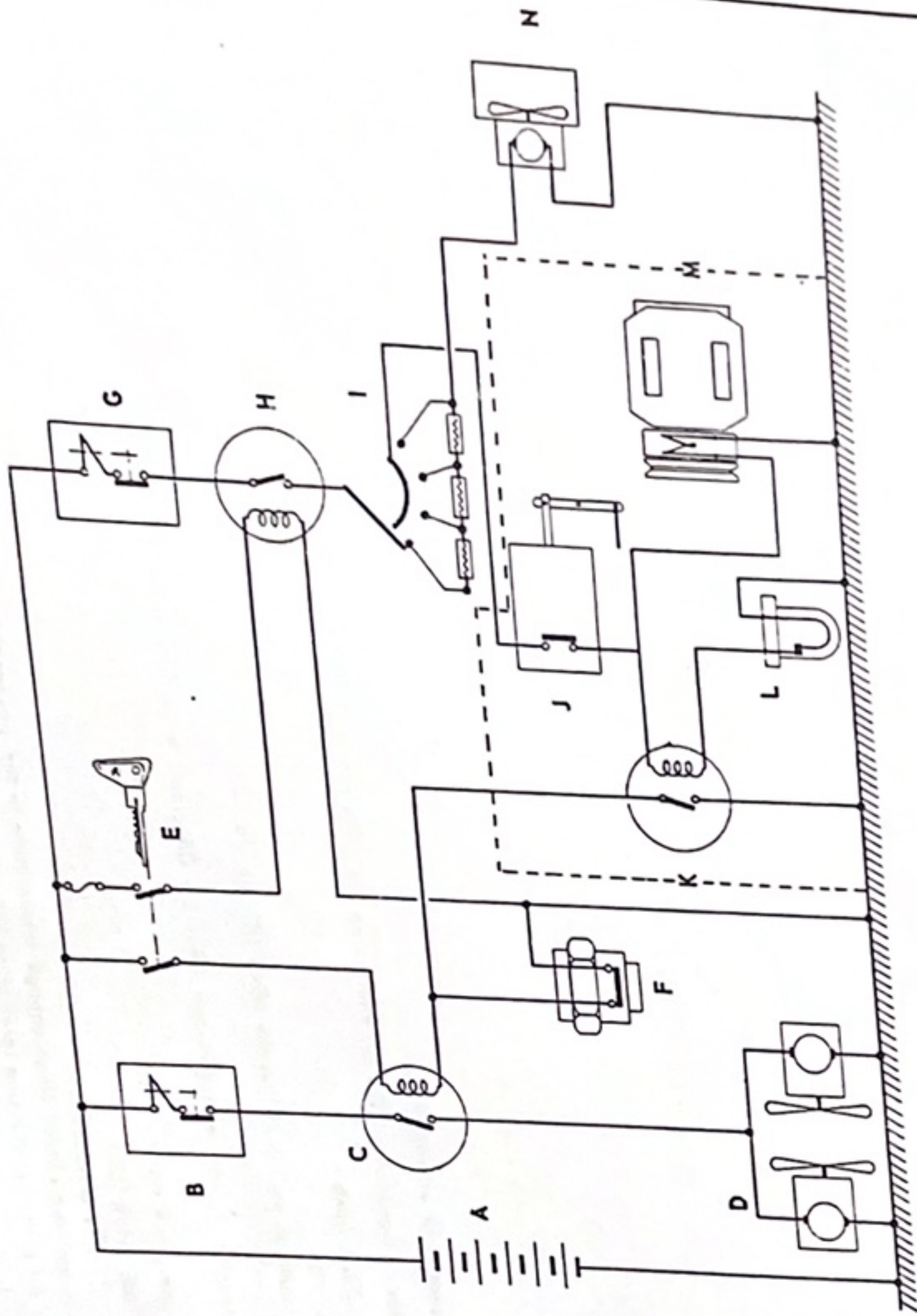
White	Bc
Blue	BL
Grey	Gr
Yellow	J
Brown	Mr
Mauve	Mv
Black	N
Red	R
Green	Ve
Violet	Vi



H:
C:
N:

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CIRCUIT DE REFROIDISSEMENT
COOLING SYSTEM



KEY :

- A = Battery
- B = Circuit breaker
- C = Cooling fan control relay
- D = Cooling fans
- E = Ignition switch
- F = Engine coolant thermal switch
- G = Circuit breaker
- H = Air conditioning rheostat-switch (on console)
- I = Air conditioning thermostat (on heat exchange)
- J = Ambient thermostat (on fluid pressure-switch in steering circuit (fixed to wiring harness on L.H front wing)
- K = Relay connected to fluid pressure-switch on L.H front wing)
- L = Steering fluid pressure-switch
- M = Electric compressor
- N = Air conditioning blower

OPTIONAL

- PRINCIPLE OF OPERATION -

The two fans (D) serve to :-

- 1) Cool the engine coolant in the radiator.
- 2) Cool the condenser when the air conditioning compressor is in operation.

Power supply to the fans D : Is fed via the circuit breaker (B) and relay (C). By energising the relay the fans (D) are switched on.

Relay excitation circuit :

- The relay winding are energised when :
 - The ignition is switched on (E).
 - The contacts of either the thermal switch (F) or the relay (K) are closed.
- (The thermal switch (F) is controlled by coolant temperature)
(The pressure switch (L) is controlled by the pressure in the steering circuit (Steering Governor) according to the vehicle's speed).

Relay (K) excitation circuit : The relay windings are energised when :

- The ignition is switched on (E) (also controlling relay (H)).
- The refrigeration system is switched on (I) ("Cold" is selected).
- The contacts in the ambient temperature thermostat are closed (high enough temperature in the passenger compartment)
- The contacts in the ambient temperature thermostat are closed (hydraulic oil pressure steering inferior to $110 \pm 5 \text{ kg/cm}^2$)
- The pressure switch (L) is closed (hydraulic oil pressure steering inferior to $110 \pm 5 \text{ kg/cm}^2$)
- Current passes through the circuit breaker (G).

NOTE : Current is supplied to the compressor clutch after the ambient temperature thermostat (J).

The ventilation blower N is fed after the rheostat (I).

The rheostat controls the blower speed and therefore the volume of air passed.

Total capacity of the circuit (heating system included) 13 L (23 pts).