

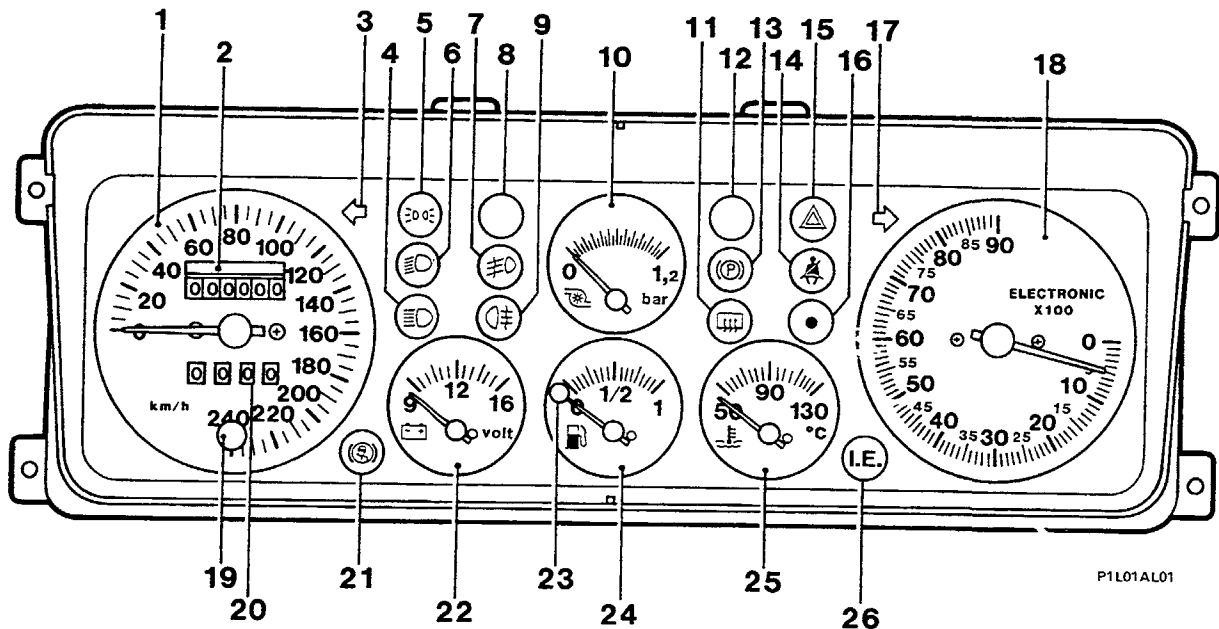
**INSTRUMENT PANEL**

- Delta Integrale 16 V instrument panel -  
Connectors variant for instrument  
panel without Control-system 3

**VARIOUS DEVICES**

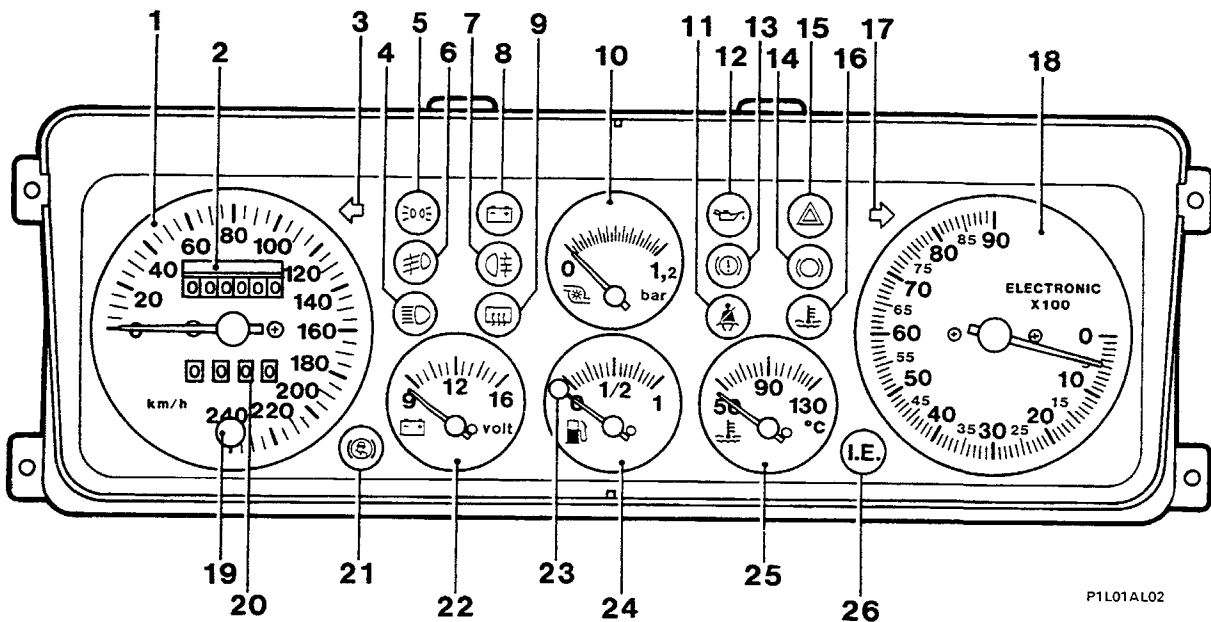
- Location on vehicle of fuses and relays  
for auxiliary devices 4
- Two speed radiator cooling fan 6

DELTA INTEGRALE 16 V INSTRUMENT PANEL



P1L01AL01

Version with control-system



P1L01AL02

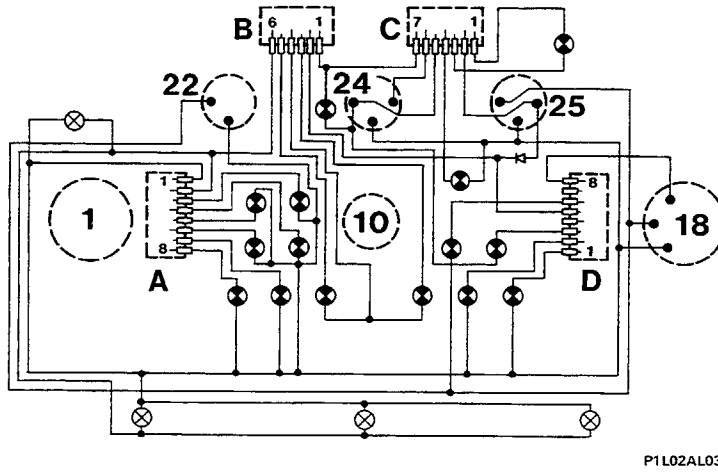
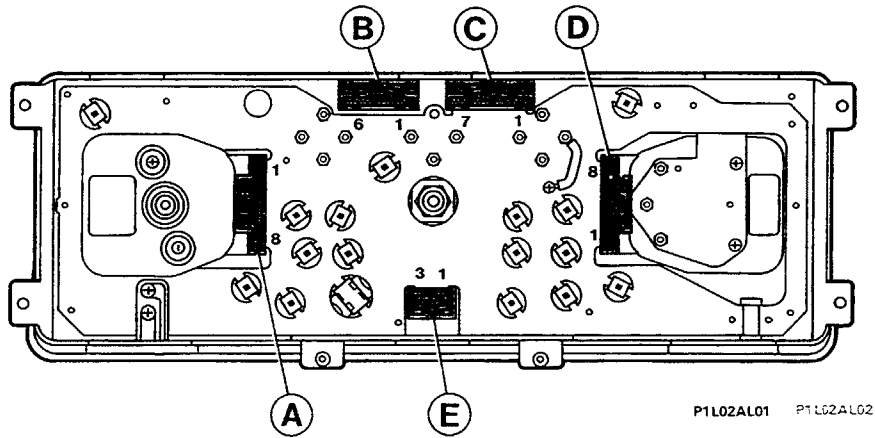
Version without control-system

- 1. Speedometer - 2. Milometer - 3. Left direction indicator - 4. Main beam headlamps warning light - 5. Side lights warning light - 6. Dipped headlamps warning light - 6. Fog lamps warning light (\*) - 7. Fog lights warning light - 7. Rear fog lamps warning light (\*) - 8. General warning light - 8. Battery recharging warning light (\*) - 9. Rear fog lamps warning light - 9. Heated rear windscreen warning light (\*) - 10. Turbocharger gauge - 11. Heated rear windscreen warning light - 11. Seat belts warning light (\*) - 12. Starting go ahead warning light - 12. Insufficient engine oil pressure warning light (\*) - 13. Hand-brake warning light - 13. Insufficient brake fluid and clutch warning light (\*) - 14. Seat belts warning light - 14. Brake pad wear warning light (\*) - 15. Hazard warning lights warning light - 16. Spare warning light - 16. Coolant overheating warning light (\*) - 17. Right direction indicator warning light - 18. Rev counter - 19. Trip meter zeroing button - 20. Trip meter - 21. A.B.S. braking system failure warning light - 22. Voltmeter - 23. Fuel reserver warning light - 24. Fuel level gauge - 25. Engine coolant temperature gauge - 26. Injection system failure warning light

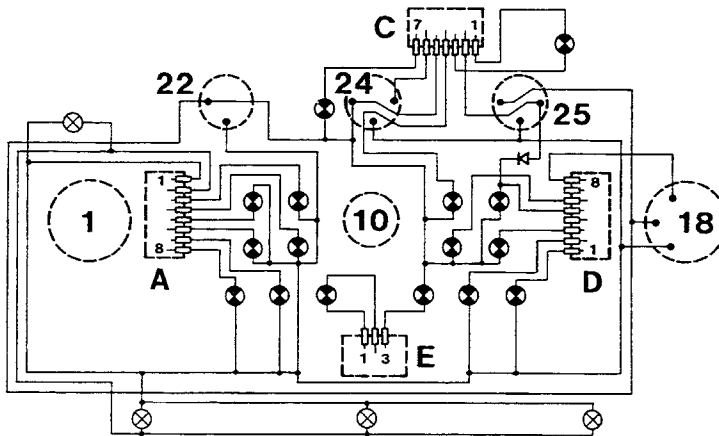
(\*) For versions without control-system

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Rear terminals for connecting vehicle electrical system connectors



Instrument panel internal connections wiring diagram



Without control-system

**NOTE** *The terminals are identified by the same numbers and letters used for the WIRING DIAGRAMS (with Control-system)*

CONNECTOR A		
cabl col- ours	N°	COMPONENTS CONNECTED
N	1	Instrument general earth to right front cable loom on bodyshell
GN	2	Instrument panel light from UT terminal for light dimmer
HR	3	Rear fog lamps warning light from terminal I H for junction unit
MB	4	Fog lights warning light from terminal 87 for relay feed
VB	5	Main beam headlamps warning light from terminal 7 I for junction unit (fuse 7)
HN	6	Dipped beam headlamps warning light from terminal 2 C for junction unit (fuse 5)
G	7	Side lights warning light from terminal 2 for connector m for junction unit (fuse 4)
AN	8	Left direction indicator warning light from connector A for steering column switch unit

CONNECTOR B		
cabl col- ours	N°	COMPONENTS CONNECTED
MB	1	Fuel reserve warning light from terminal 1 for connector E for Control-System control unit
HR	2	Coolant overheating warning light from terminal 2 for connector E for Control-System control unit
V	3	Green starting go-ahead signal from terminal 3 for Control-System connector E via the diagnostic socket
RV	4	green and red warning light for Control-System from terminal 4. connector E for Control-System control unit through the diagnostic socket
RN	5	Control-System red warning light from terminal 5. connector E for the Control-System control unit through the diagnostic socket
G	6	Control-System light supply outlet

CONNECTOR C		
cabl col- ours	N°	COMPONENTS CONNECTED
HN	1	IAW injection/ignition system failure warning light
AR	2	From the coolant temperature sender unit
	3	IAW system failure warning light
BN	4	Heated rear windscreen warning light from terminal 9. connector I for the junction unit (fuse 11)
R	5	instrument supply from terminal 10, connector I for the junction unit (fuse 1)
V	6	Fuel level warning light from the sender unit via the junction unit (2I and 2L)
M	7	Fuel reserve warning light from the sender unit via the junction unit (3I and 3L)

CONNECTOR D		
cabl col- ours	N°	COMPONENTS CONNECTED
AB	1	Right direction indicator warning light from the steering column switch unit via the junction unit (4C and 2B)
AR	2	Hazard warning lights warning light from terminal L for the hazard warning lights switch
H	3	Seat belt warning light
	4	Spare
HN	5	Coolant overheating warning light from the sender unit located on the engine
BR	6	Handbrake warning light from terminal L for the intermittent device
	7	Spare
AN	8	Signal for rev counter from terminal 1 for the ignition coil

**VARIANT FOR CONNECTORS FOR INSTRUMENT PANEL WITHOUT CONTROL-SYSTEM**

**CONNECTOR B: ALL SPARE**

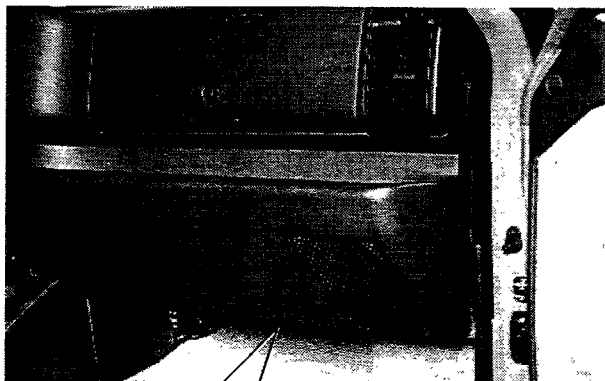
CONNECTOR A		
cabl col- ours	N°	COMPONENTS CONNECTED
BN	3	Heated rear windscreen warning light
HR	4	Rear fog lamps warning light
MB	6	Fog lights warning light

CONNECTOR D		
cabl col- ours	N°	COMPONENTS CONNECTED
SN	3	Brake pad wear warning light

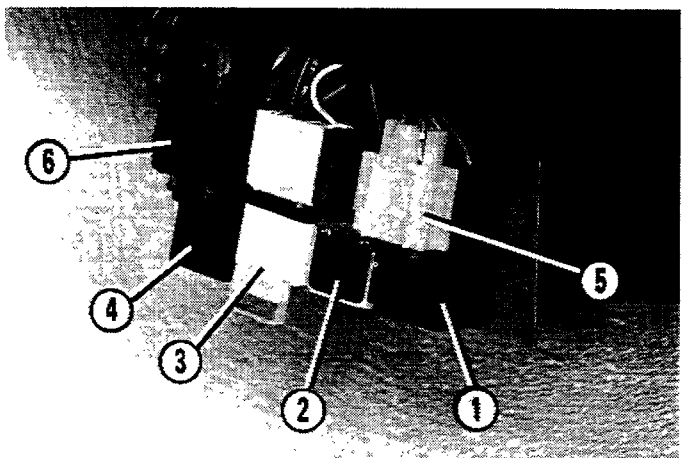
CONNECTOR C		
cabl col- ours	N°	COMPONENTS CONNECTED
H	4	Seat belt warning light

CONNECTOR E		
cabl col- ours	N°	COMPONENTS CONNECTED
BN	1	Battery recharging warning light
VN	2	+ for battery recharging warning light
HV	3	Insufficient engine oil pressure warning light

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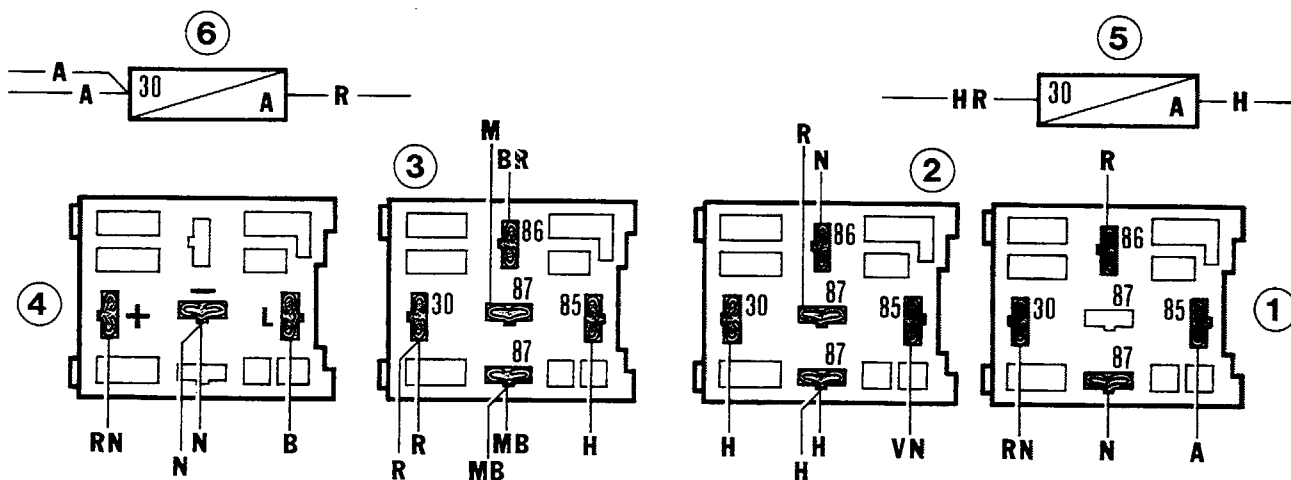
LOCATION ON VEHICLE OF FUSES AND RELAYS FOR AUXILIARY DEVICES

1. Radiator cooling fan relay
2. Dipped beam headlamps remote control switch
3. Fog lamps relay
4. Direction indicators-hazard warning light intermittent device
5. Rear fog lamps protective fuse
6. Radiator cooling fan protective fuse

Socket colours

- 1- Black
- 2- Red
- 3- White
- 4- Grey

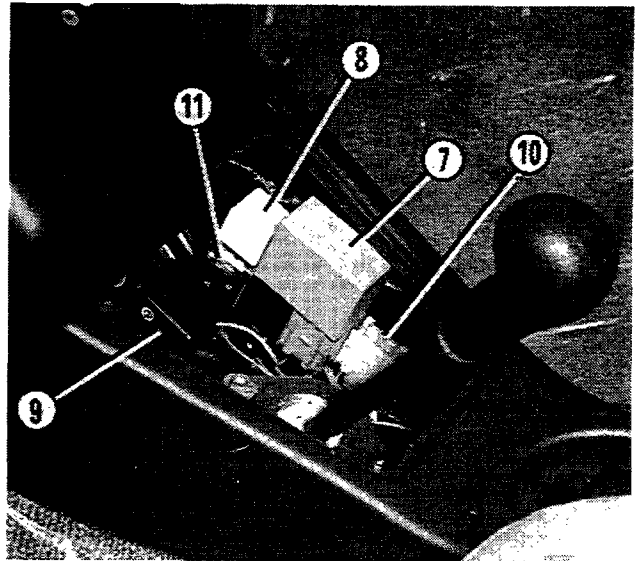
Relay holder sockets



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Devices located on gear lever tunnel

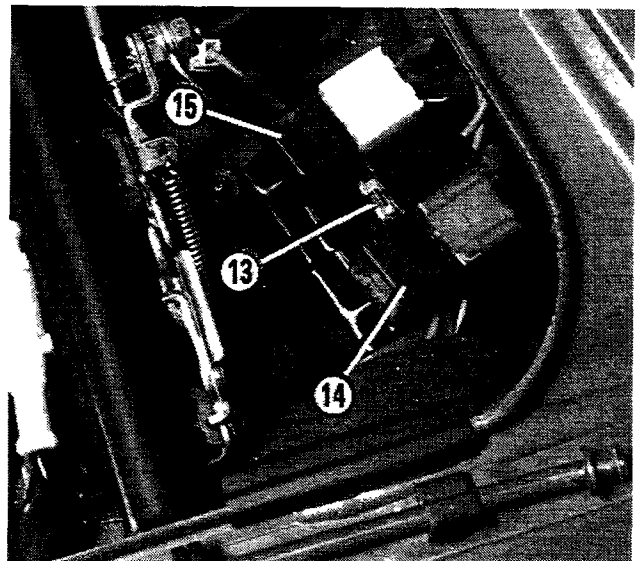
- 7. Central locking control unit
- 8. Electric front windows relay feed
- 9. Anti-lock braking system (A.B.S.) relay
- 10. Central locking protective fuse
- 11. Electric front windows geared motor protective fuse



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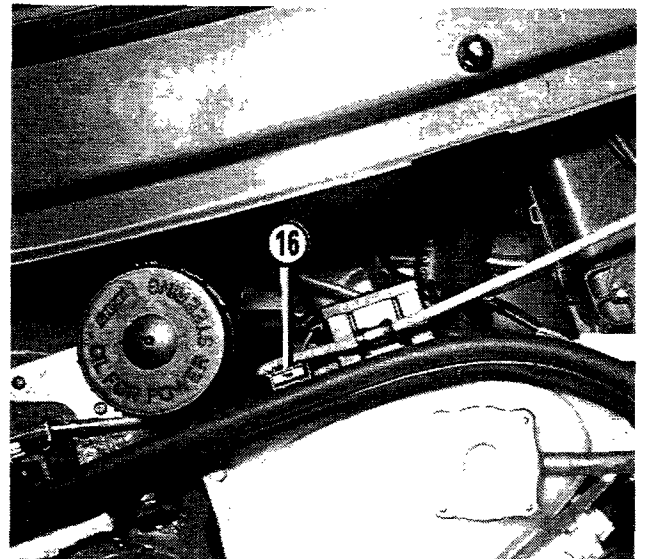
Relays and fuses located in heater compartment

- 13. Injection/ignition system (I.A.W.) protective fuse
- 14. Electric fuel pump relay feed
- 15. Injectors and electronic control unit relay feed



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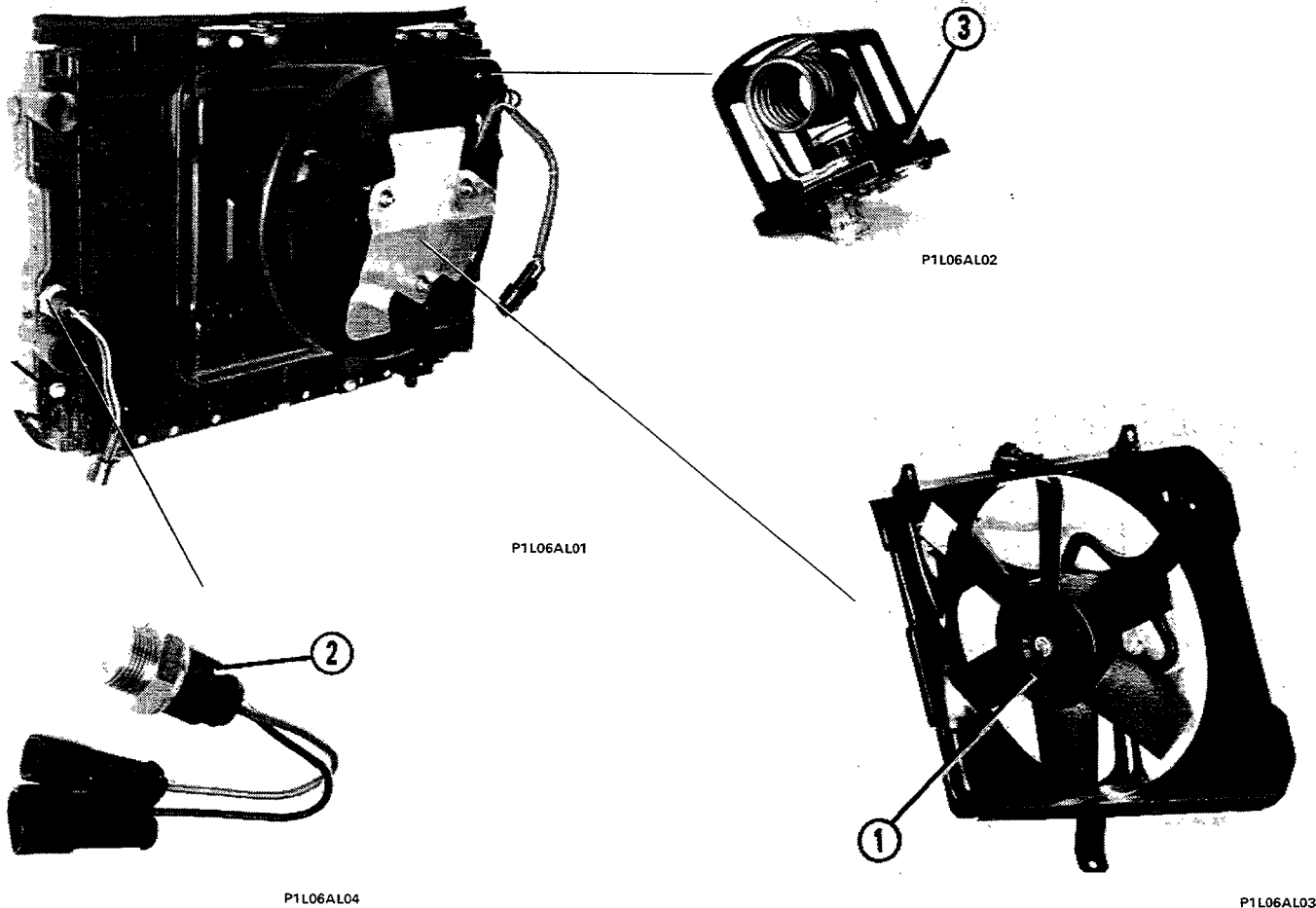
- 16. Anti-lock braking system (A.B.S.) protective fuse



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**TWO SPEED RADIATOR COOLING FAN**



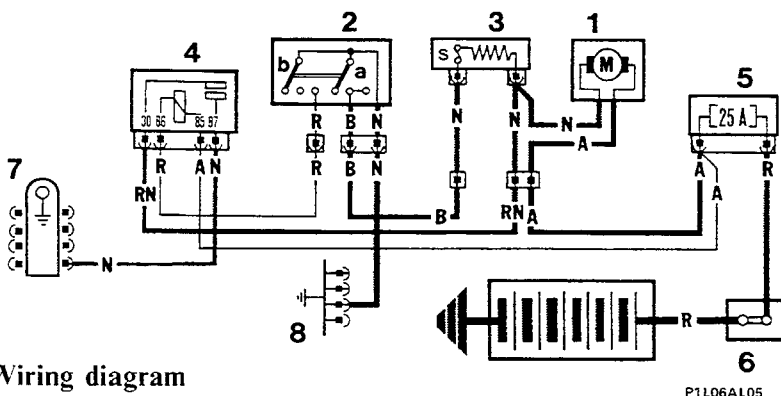
**Radiator cooling system components**

**Operation**

The electric fan (1) is controlled by a two stage thermal switch (2) which, when the first stage (a) closes when the temperature of the coolant reaches 86-90°C, allows the current to pass from the battery to the electric fan (1) via the resistor (3) activating the 1st operating speed.

The resistor (3) is protected internally by a thermal switch (s) which cuts out the electrical circuit when the temperature exceeds 130°C.

When the temperature of the engine coolant reaches 90°-94°C, the second stage (b) of the thermal switch (2) is also closed placing the control relay (4) energizing circuit to earth, which, by means of its contacts, puts the electric fan (1) circuit to earth cutting out the resistor (3) and thereby activating the 2nd operating speed.



- 1. Electric fan
- 2. Two stage thermal switch
- 3. Additional resistor
- 4. 2nd speed control relay
- 5. Fuse
- 6. Connector block
- 7. Earth on bodywork
- 8. Earth on bodywork

**Wiring diagram**

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