

# ELECTRICAL COMPONENT LOCATOR

1995 Volvo 850

1995 ELECTRICAL COMPONENT LOCATION  
Volvo Electrical Components

850

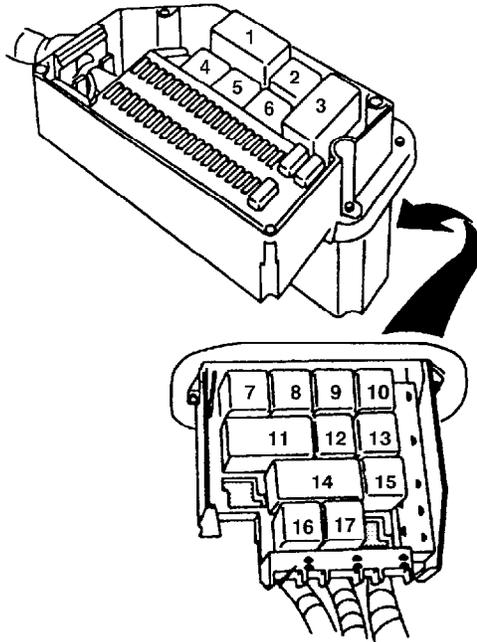
## SAFETY PRECAUTION

**WARNING:** When working on vehicles equipped with Supplemental Restraint System (SRS), never apply electrical voltage to the system. This could cause the SRS (air bag) to be deployed.

## BUZZERS, RELAYS & TIMERS

Component	Component Location
ABS Combination Relay	Above ABS control module, near brake master cylinder.
A/C Relay	Behind glove compartment.

CENTRAL ELECTRICAL UNIT



- |  |   |
|--|---|
| 1. Cruise Control Module                               | 10. Intermittent Wiper Relay (Rear)                   |
| 2. Fuel Pump Relay                                     | 11. Central Locking & Delayed Inside Lighting Relay   |
| 3. Main Headlamp Relay With Bulb Malfunction Indicator | 12. Speed Warning Or Exhaust Temperature Sensor Relay |
| 4. Overload Relay (X)                                  | 13. Heated Rear Window & Door Mirrors Relay           |
| 5. Overload Relay (15)                                 | 14. Anti-Theft Alarm Module Relay                     |
| 6. Overload Relay (X)                                  | 15. Seat Belt Reminder/Key Warning Relay              |
| 7. Fog Lamp Relay                                      | 16. Front Fog Lamp Bridge                             |
| 8. Deadlock Setting Relay                              | 17. Heated Rear Seat Relay                            |
| 9. Intermittent Wiper Relay (Front)                    |   |

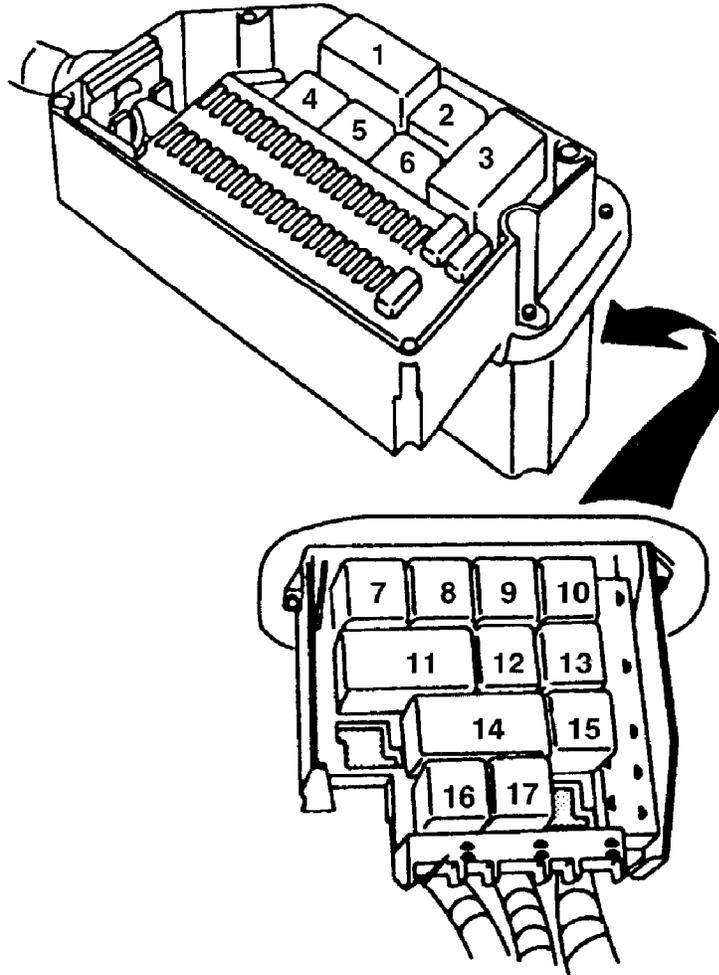
96H03747  
Anti-Theft Alarm Module  
Relay

On central electric unit,  
position No. 14.

Blower Fan Relay (High Speed)

Behind glove compartment.

### CENTRAL ELECTRICAL UNIT



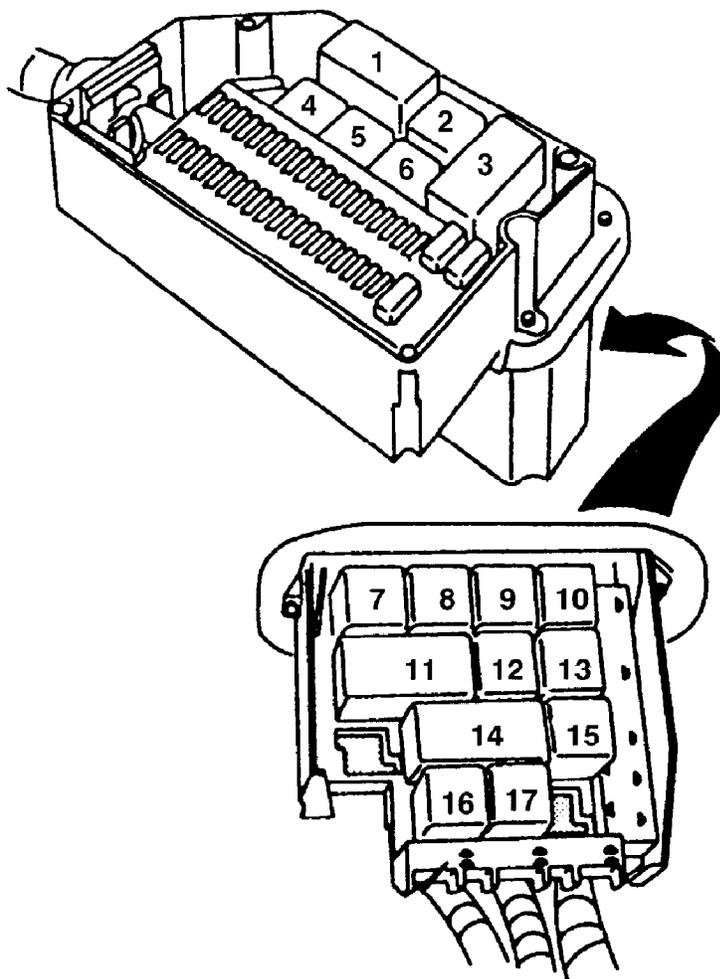
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96H03747

Central Locking & Delayed  
Inside Lighting Relay

On central electric unit,  
position No. 11.

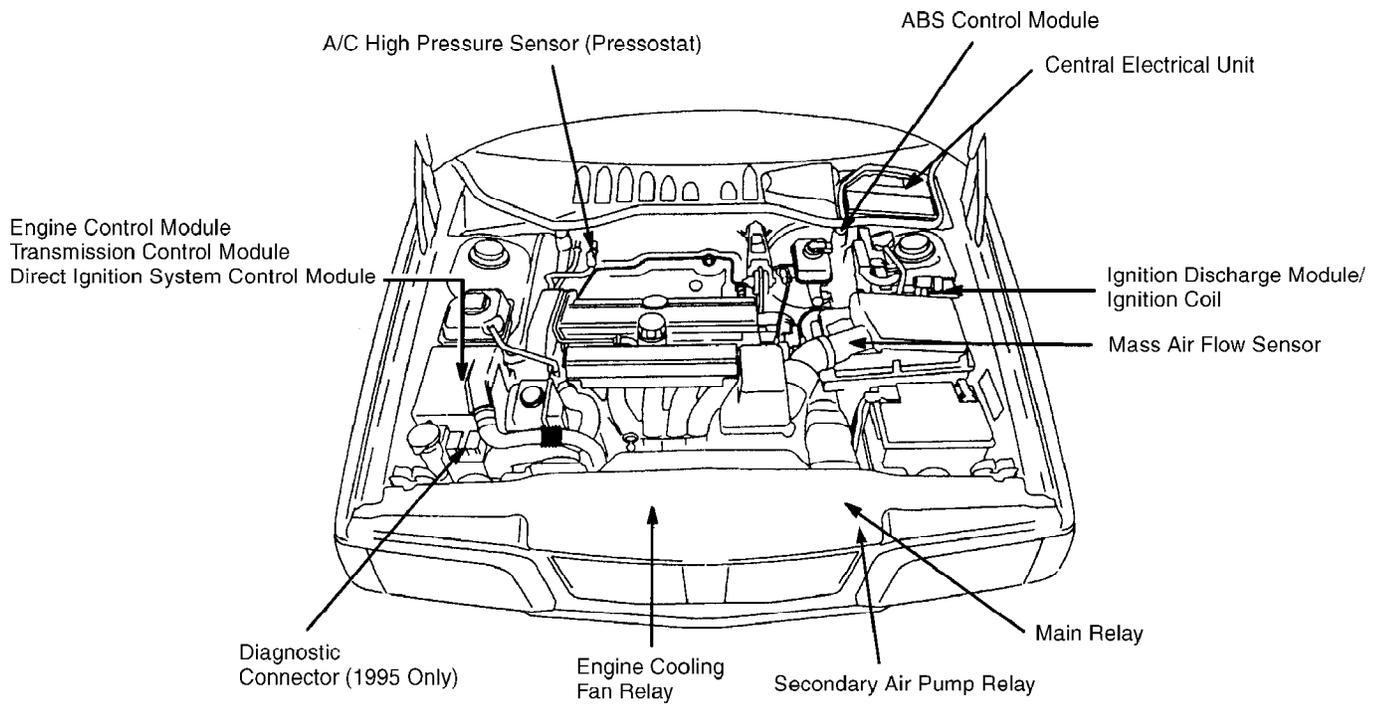
## CENTRAL ELECTRICAL UNIT



- |  |   |
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96H03747  
Deadlock Setting Relay

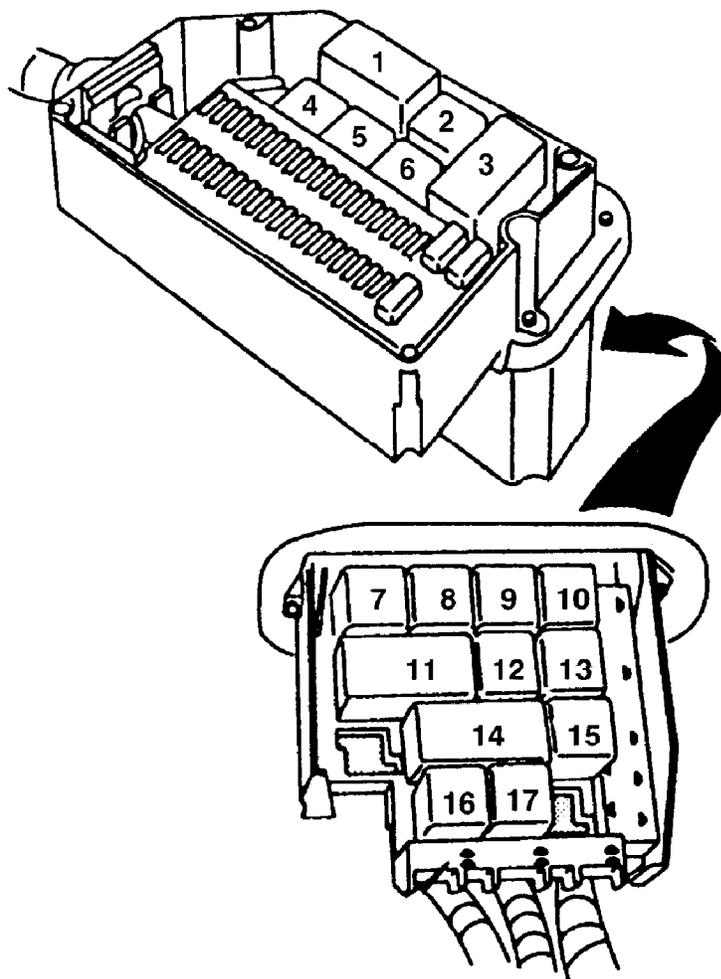
On central electric unit,  
position No. 8.



96A03744  
Engine Cooling Fan Relay

On top right of radiator  
shroud.

## CENTRAL ELECTRICAL UNIT

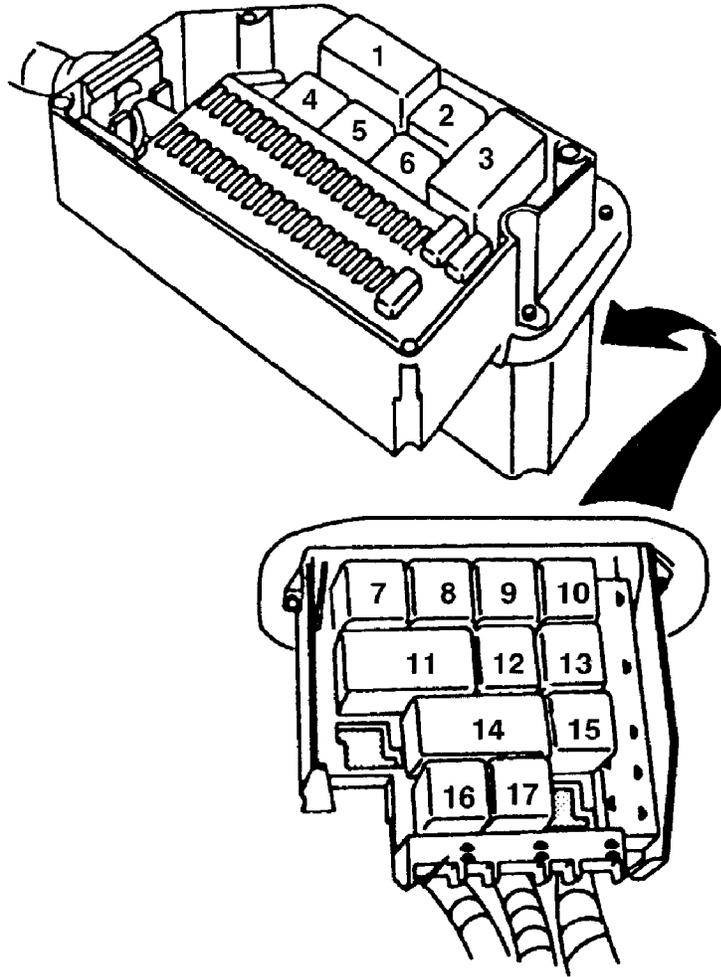


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| 9. Intermittent Wiper Relay (Front)                    |   |

96H03747  
Fog Lamp Relay

On central electric unit,  
position No 7.

## CENTRAL ELECTRICAL UNIT

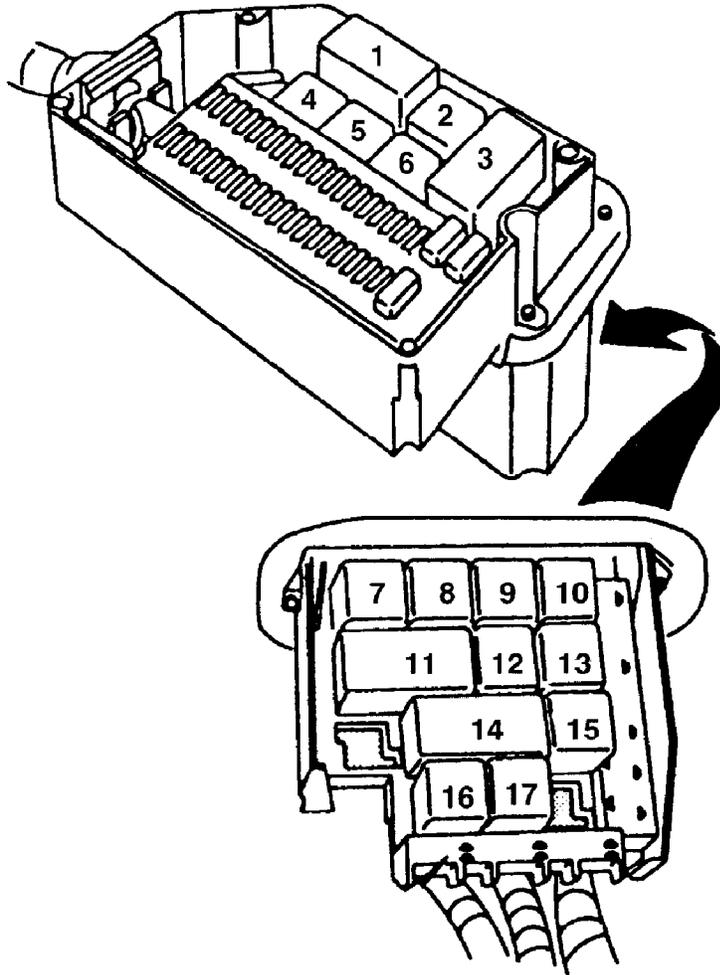


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| 9. Intermittent Wiper Relay (Front)                    |   |

96H03747  
Fuel Pump Relay

On central electric unit,  
position No 2.

## CENTRAL ELECTRICAL UNIT

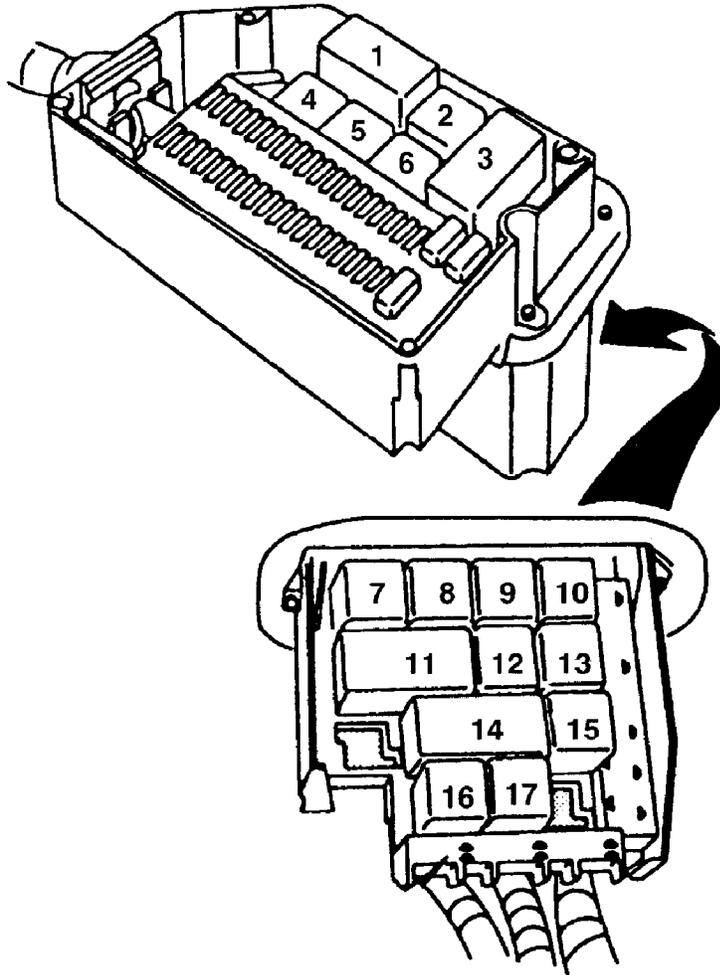


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| 8. Deadlock Setting Relay                              | 17. Heated Rear Seat Relay                            |
| 9. Intermittent Wiper Relay (Front)                    |   |

96H03747  
Heated Rear Seat Relay

On central electric unit,  
position No. 17.

## CENTRAL ELECTRICAL UNIT

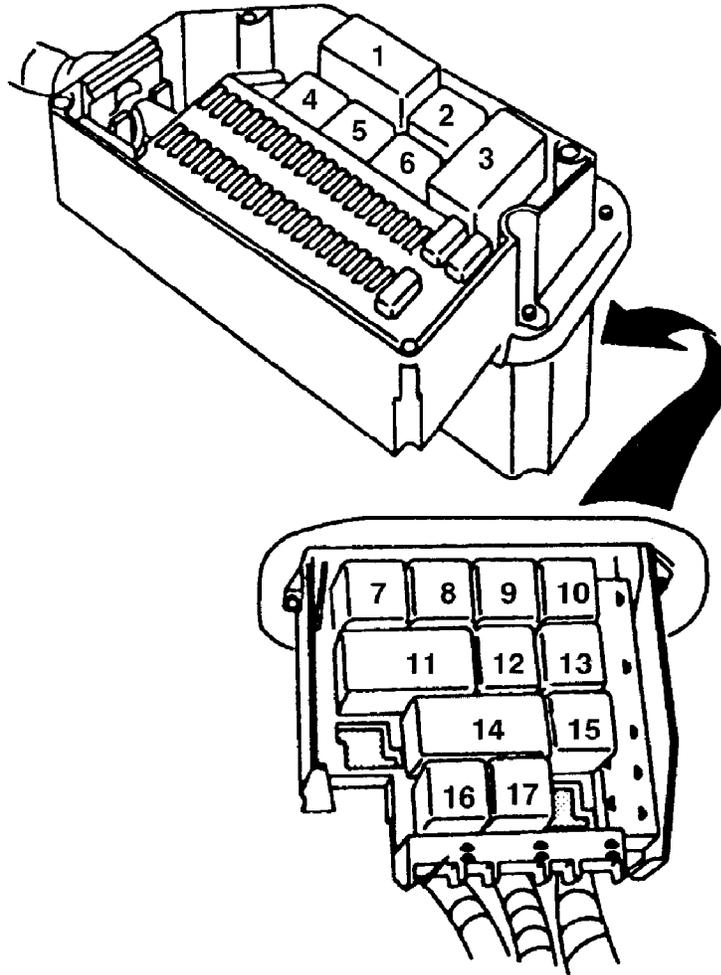


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| 9. Intermittent Wiper Relay (Front)                    |   |

96H03747  
Heated Rear Window & Door  
Mirrors Relay

On central electric unit,  
position No. 13.

## CENTRAL ELECTRICAL UNIT

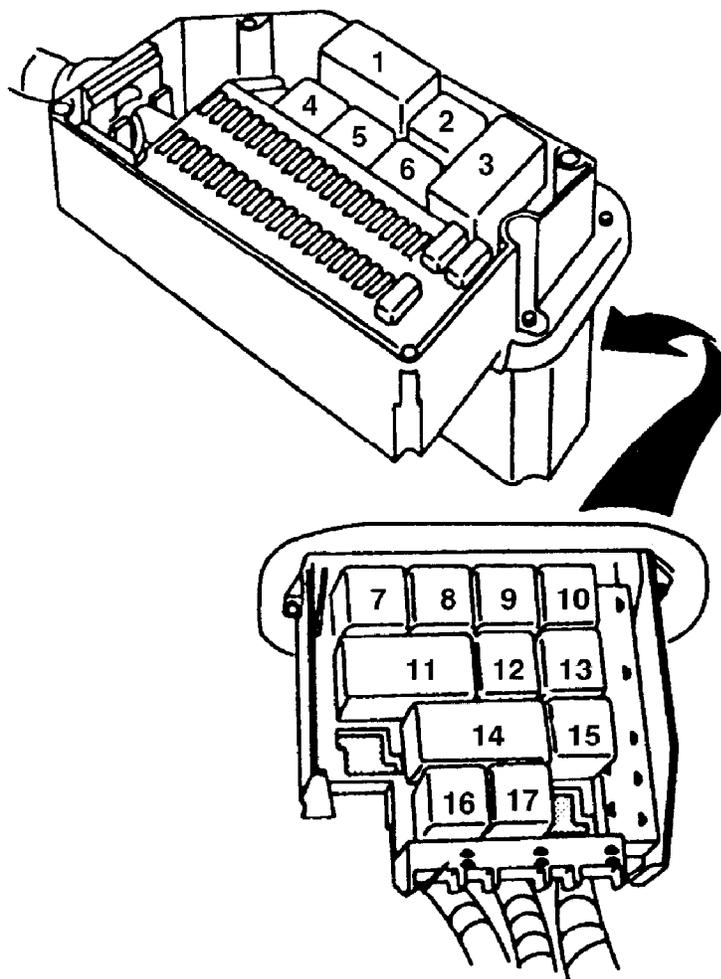


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| 9. Intermittent Wiper Relay (Front)                    |   |

96H03747  
Intermittent Wiper Relay  
(Front)

On central electric unit,  
position No. 9.

## CENTRAL ELECTRICAL UNIT

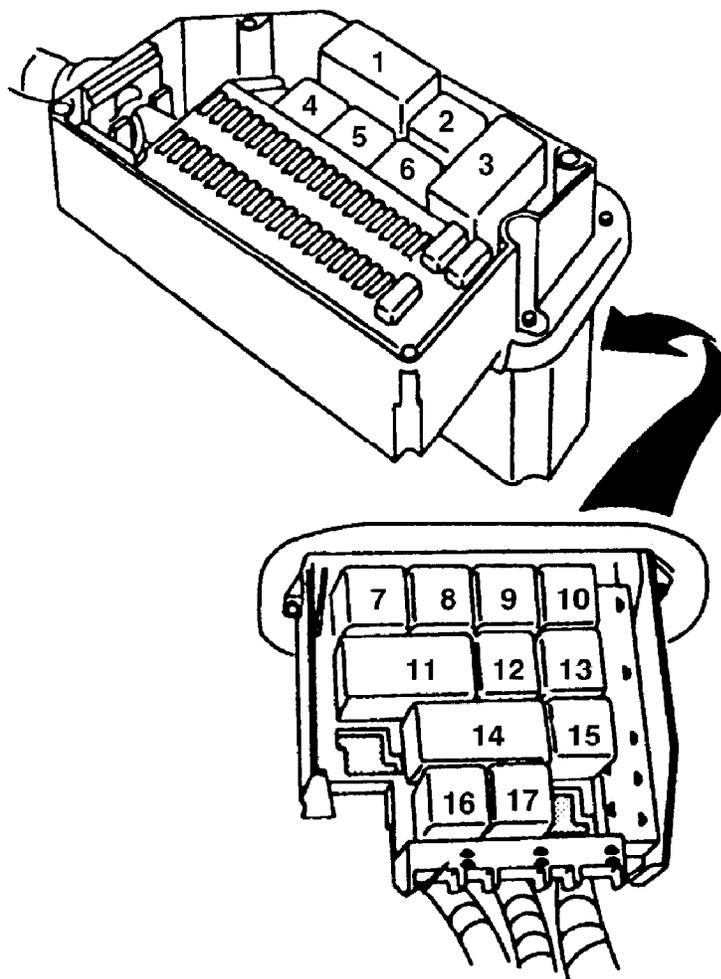


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| 9. Intermittent Wiper Relay (Front)                    |   |

96H03747  
Intermittent Wiper Relay  
(Rear)

On central electric unit,  
position No. 10.

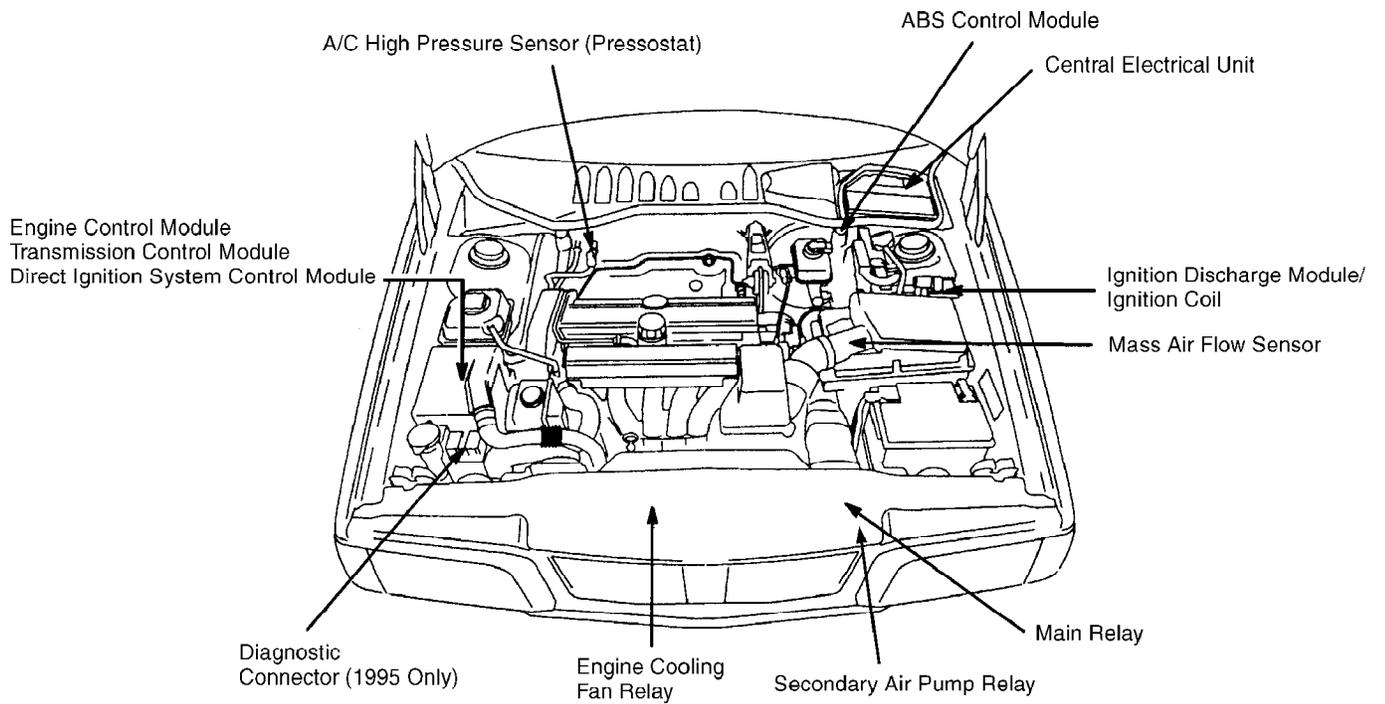
## CENTRAL ELECTRICAL UNIT



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| 9. Intermittent Wiper Relay (Front)                    |   |

96H03747  
Main Headlamp Relay With  
Bulb Malfunction Indicator

On central electric unit,  
position No. 3.

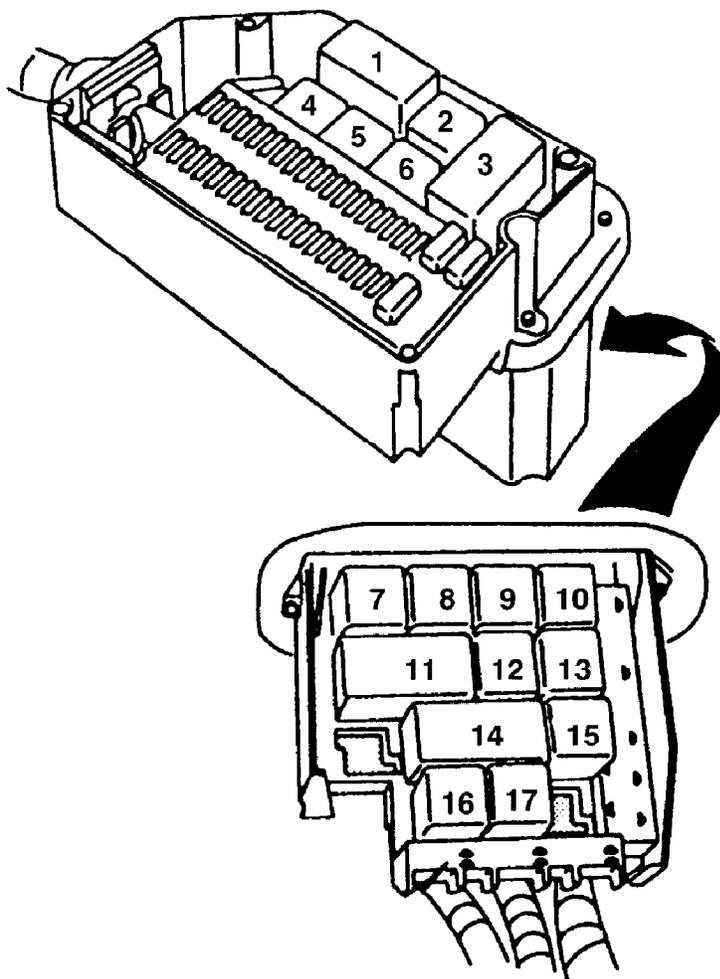


96A03744

Main Relay

On top left of radiator  
shroud.

## CENTRAL ELECTRICAL UNIT

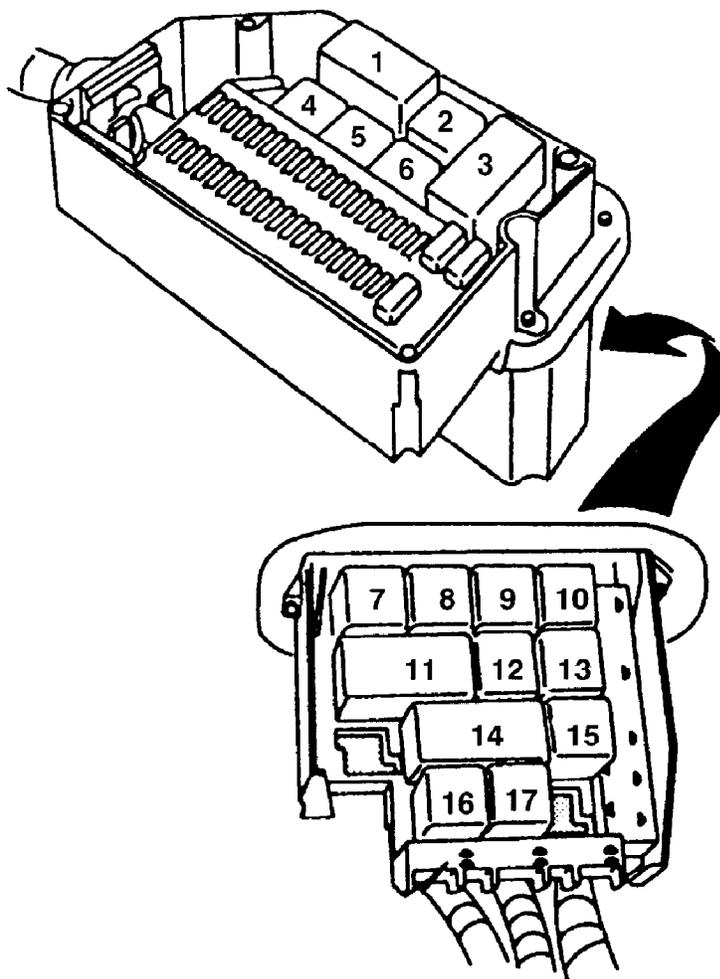


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| 9. Intermittent Wiper Relay (Front)                    |   |

96H03747  
Overload Relays (3)

On central electric unit,  
positions No. 4, 5 & 6.

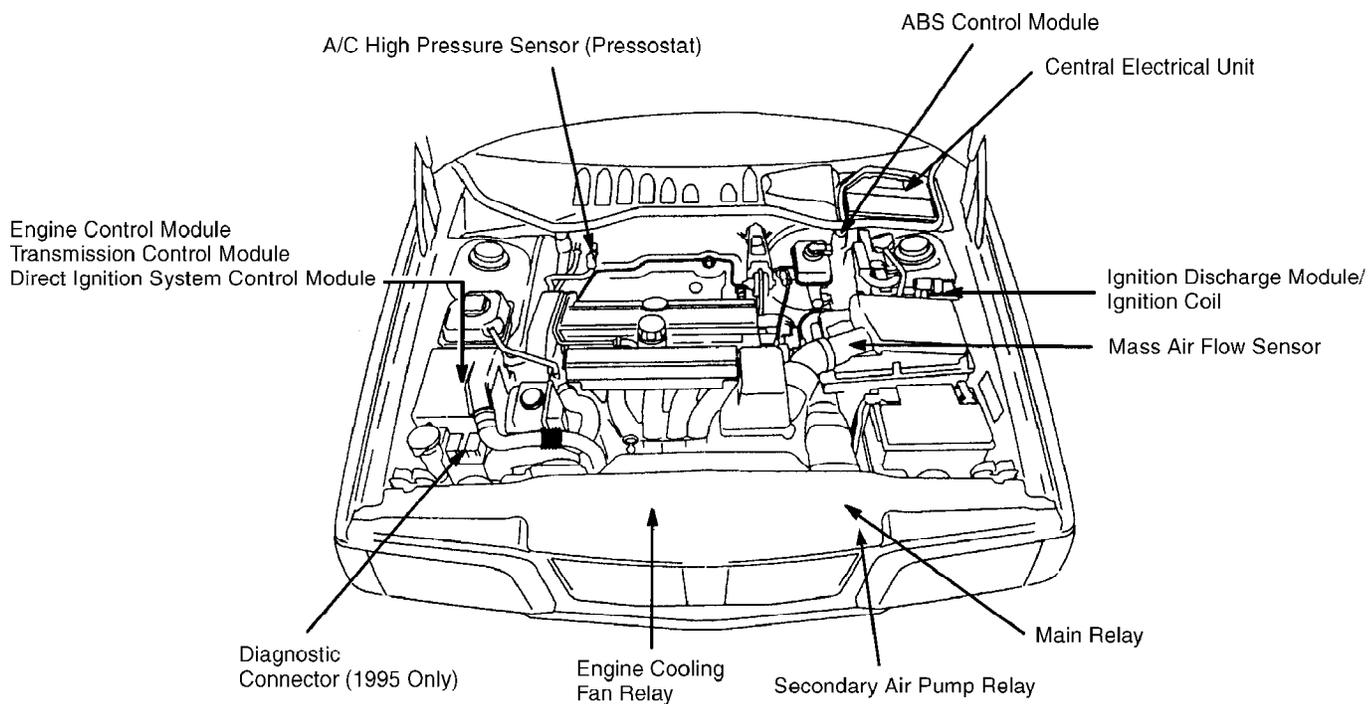
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| 9. Intermittent Wiper Relay (Front)                    |   |

96H03747  
Seat Belt Reminder/Key  
Warning Relay

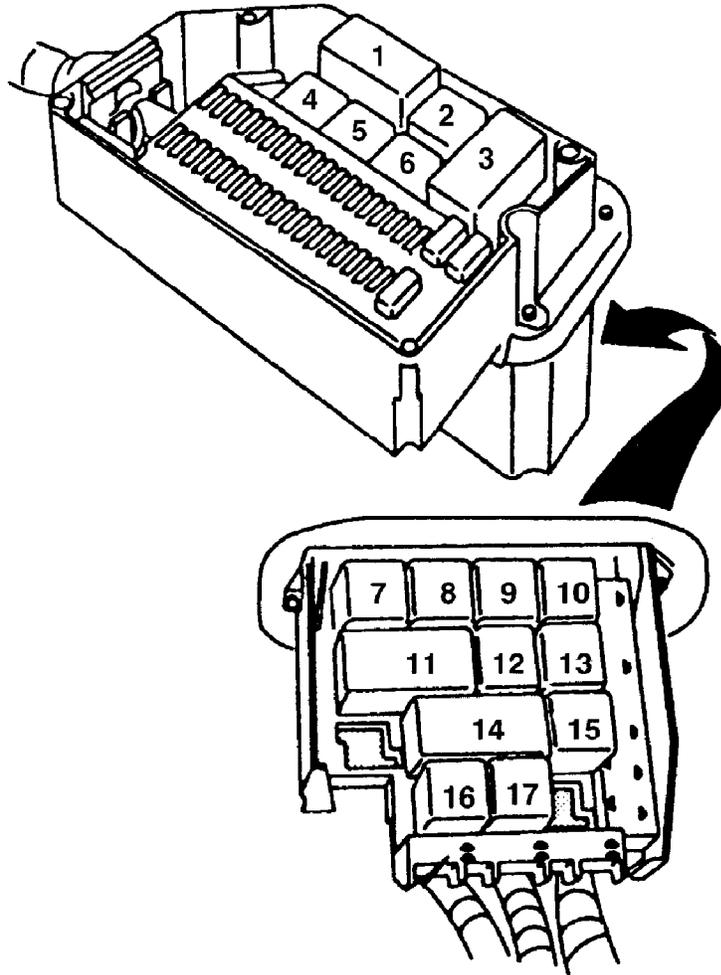
On central electric unit,  
position No. 15.



96A03744  
 Secondary Air Pump Relay

Front left side of engine compartment.

## CENTRAL ELECTRICAL UNIT



- |  |   |
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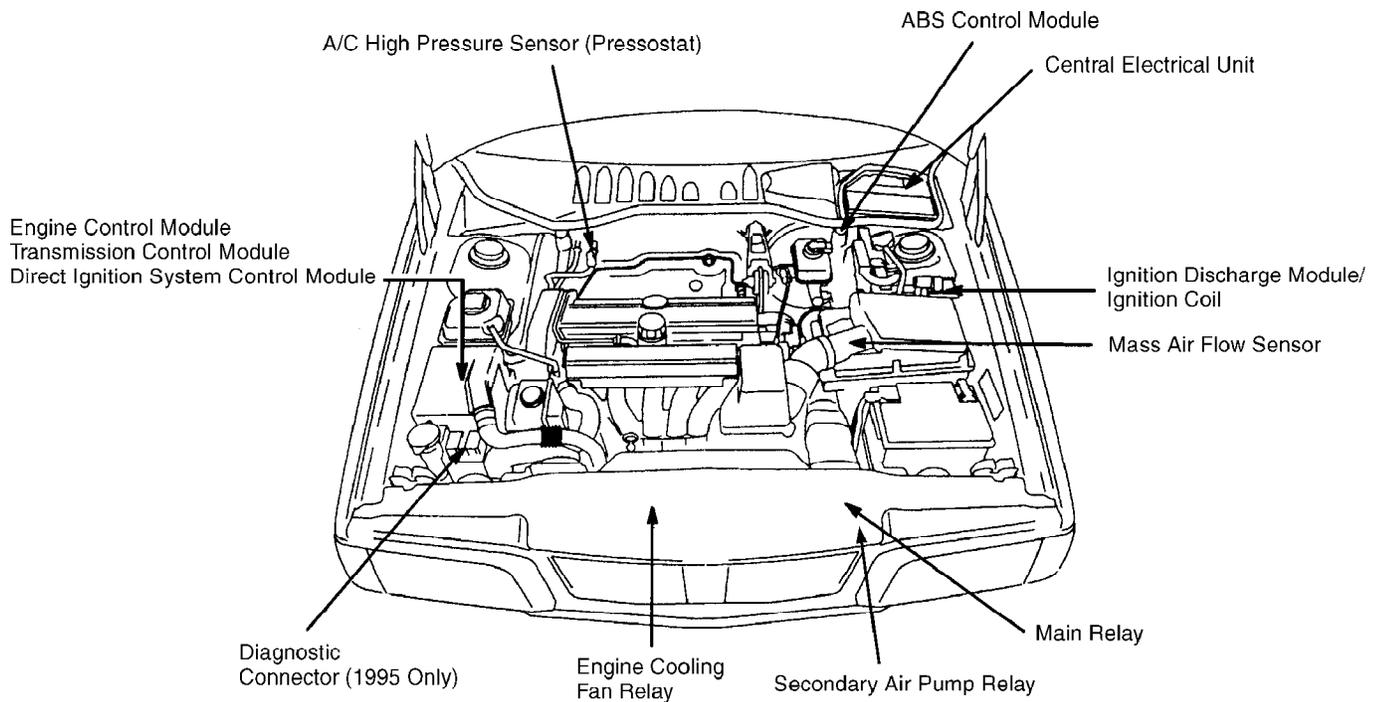
96H03747  
Speed Warning Or Exhaust  
Temperature Sensor Relay

On central electric unit,  
position No. 12.

## CIRCUIT PROTECTION DEVICES

Component

Component Location



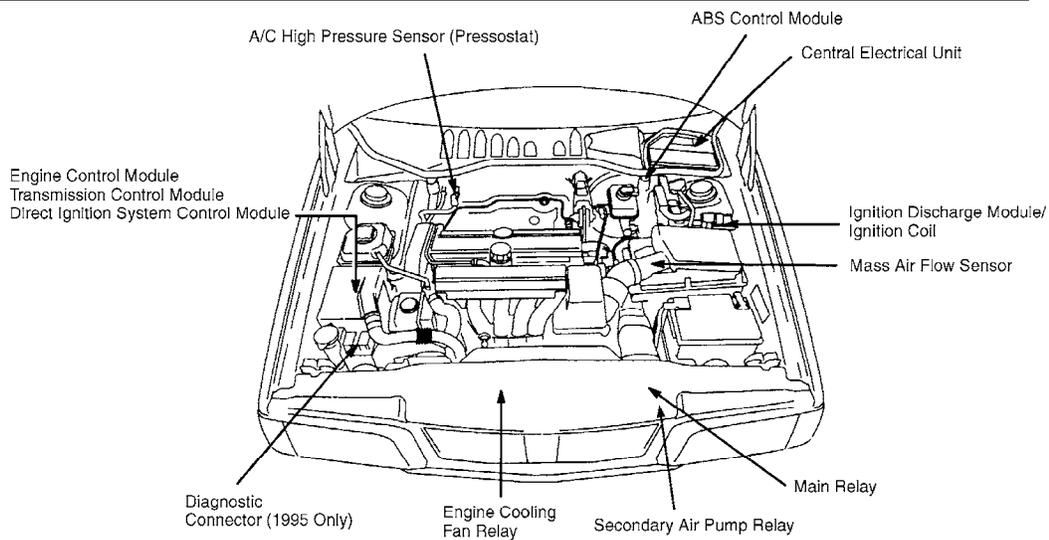
96A03744  
Central Electrical Unit

On left rear of engine compartment.

## CONTROL UNITS

Component

Component Location



96A03744  
ABS Control Module

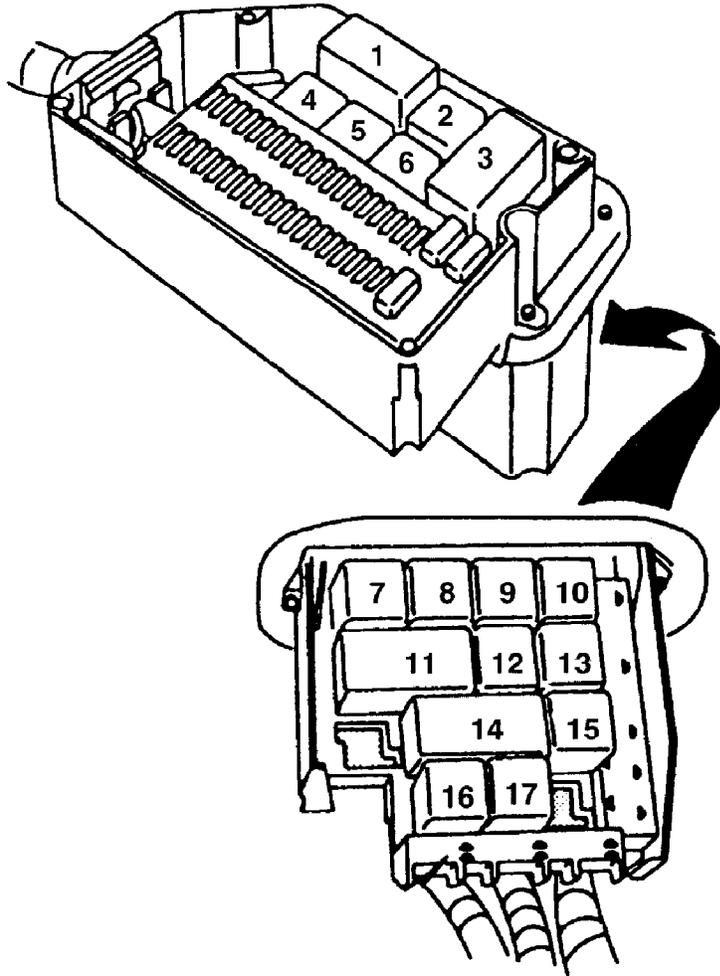
On left rear of engine compartment, above ABS hydraulic unit.

Anti-Theft Alarm/Central Lock

Remote Control Module

Behind right side of dash.

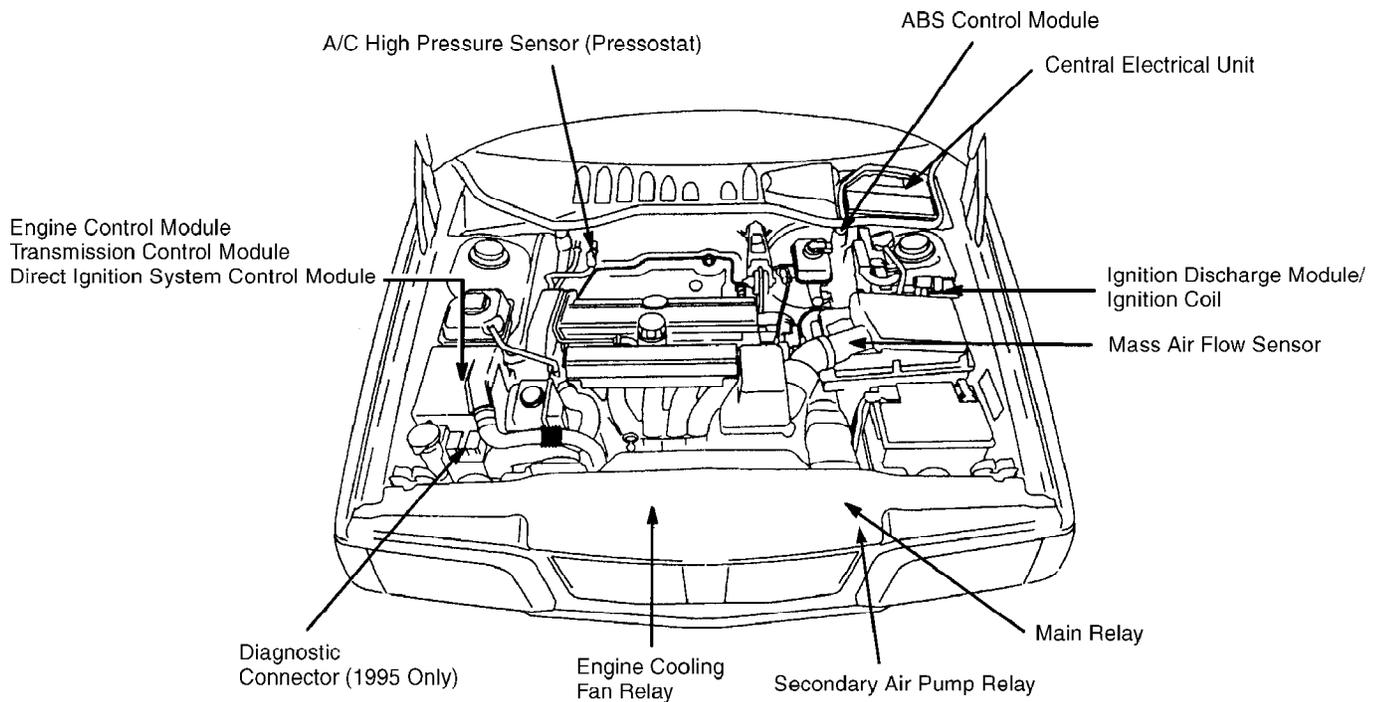
### CENTRAL ELECTRICAL UNIT



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| 9. Intermittent Wiper Relay (Front)                    |   |

96H03747  
Cruise Control Module

On electric control unit,  
position No. 1.

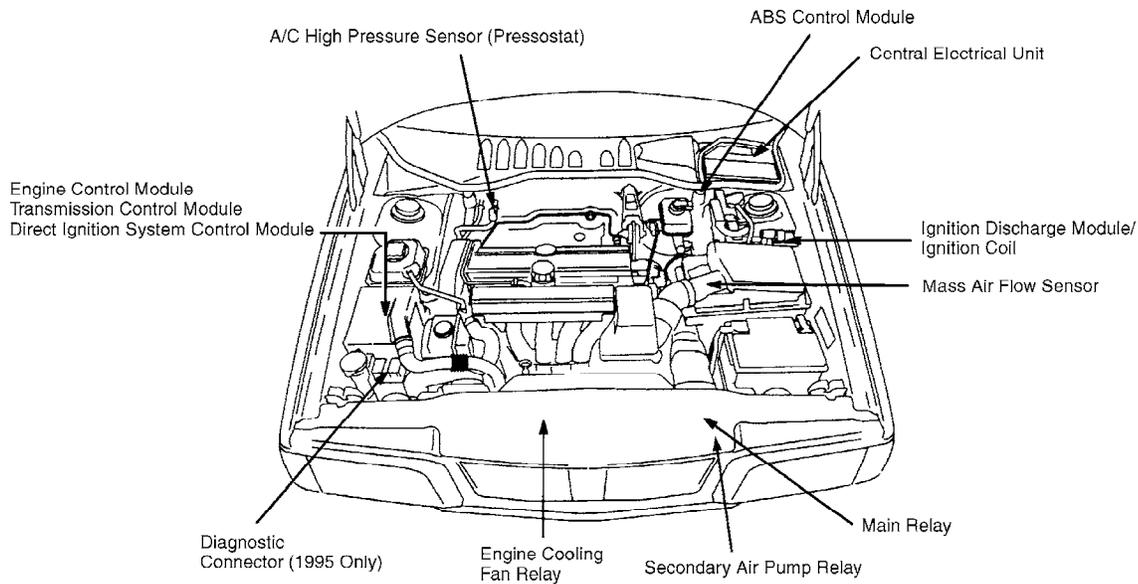


96A03744  
 Direct Ignition System  
 Control Module

On right front inner fender  
 panel, in control module box.

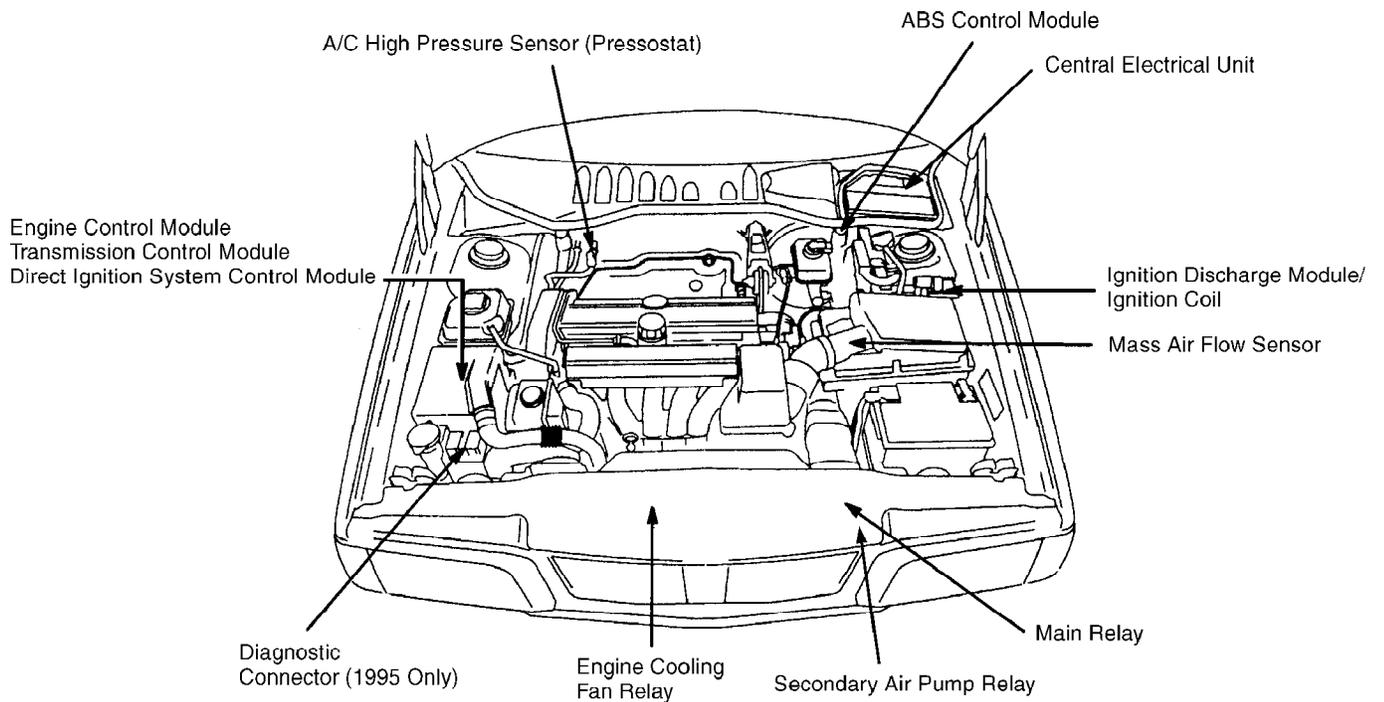
Electronic Climate Control  
 Control Unit

Integrated with A/C control  
 panel.



96A03744  
 Engine Control Module

On right front inner fender  
 panel, in control module box.



96A03744  
Ignition Discharge  
Module/Ignition Coil

Left side of engine  
compartment.

Seat Control Modules

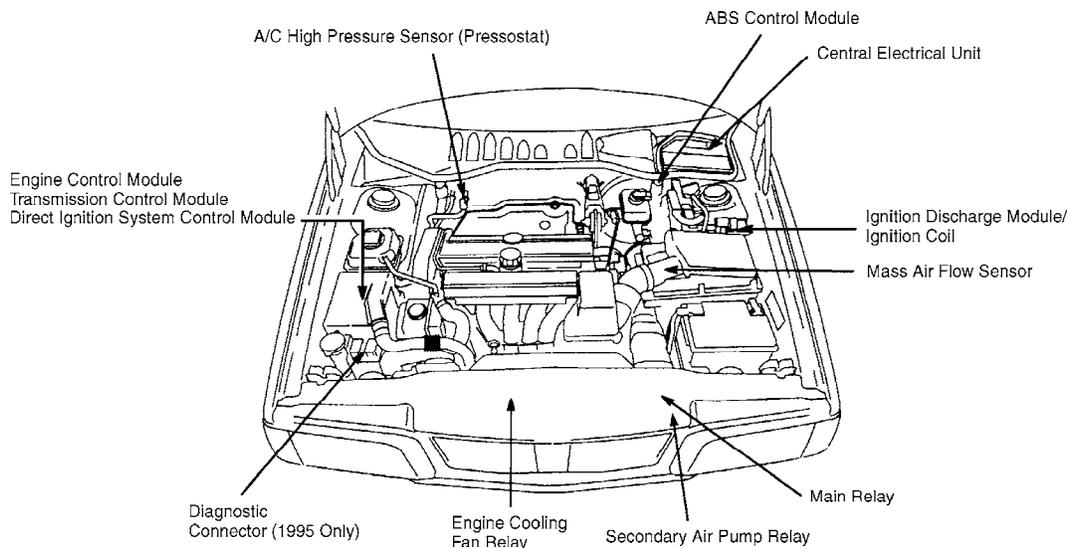
Under driver's & passenger's  
seat.

SRS Sensor Unit

Under floor console behind  
shift lever.

Sunroof Control Module

Behind interior roof lamp  
assembly.



96A03744  
Transmission Control Module

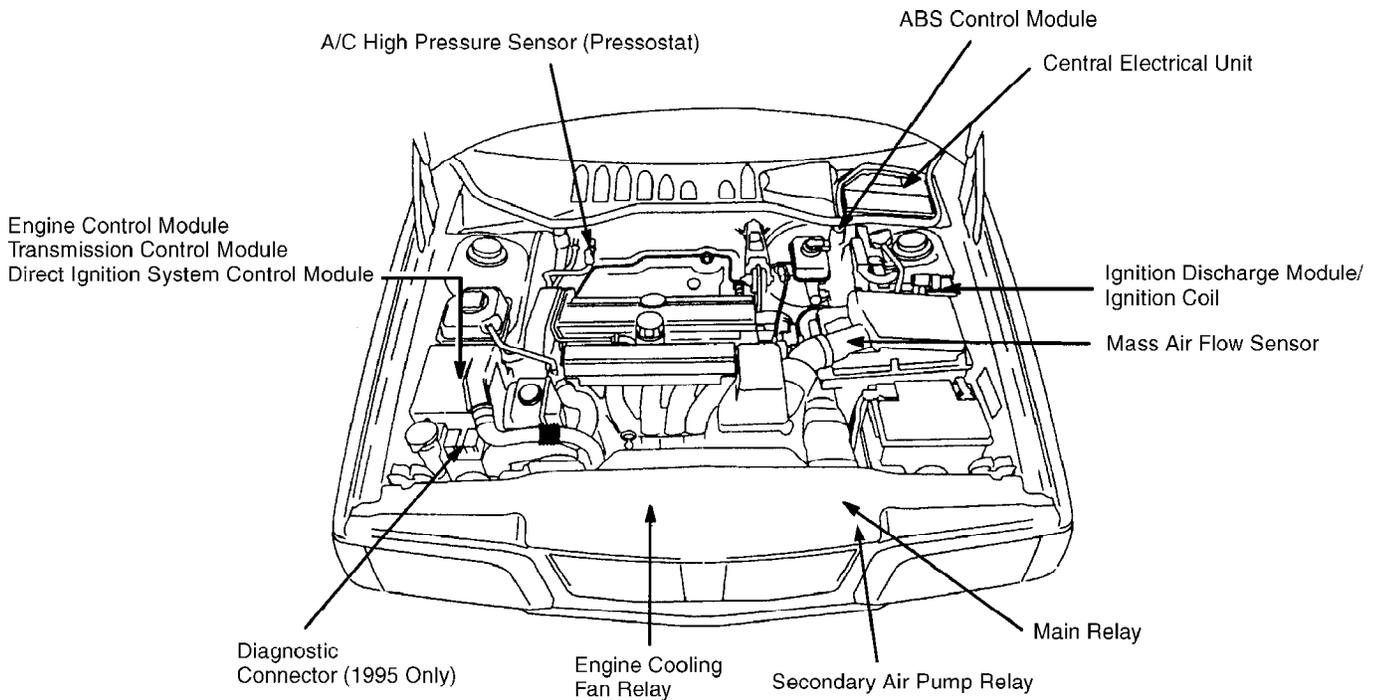
On right front inner fender  
panel, in control module box.

## MOTORS

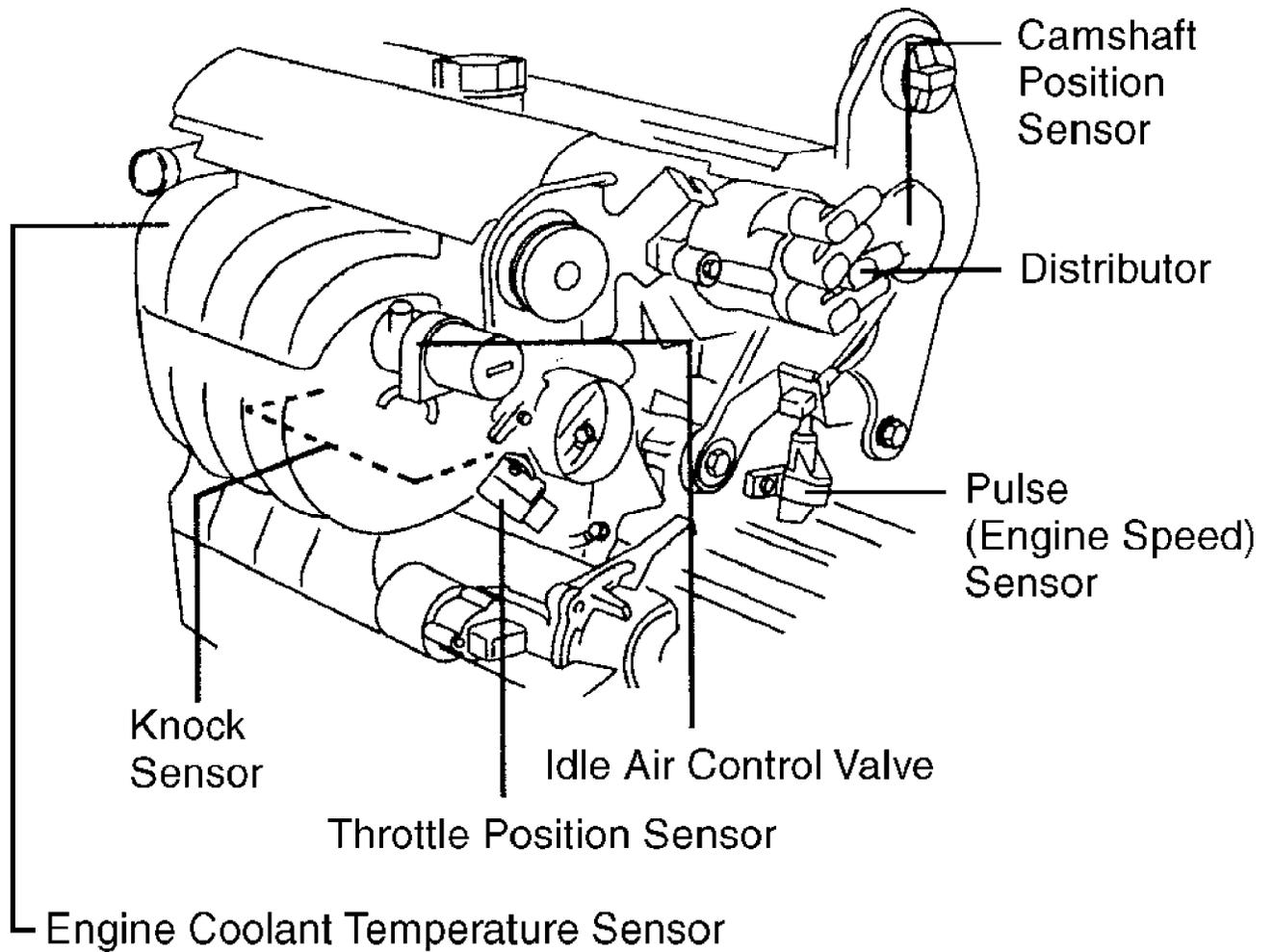
Component	Component Location
Blower Motor	Behind right side of dash, on A/C-heater housing.
Power Sunroof Motor	On front center of sunroof opening.

## SENDING UNITS & SENSORS

Component	Component Location
ABS Brake Pedal Sensor	On right side of brake master cylinder.
ABS Wheel Speed Sensors	On each wheel hub.
Acceleration Sensor	On center of firewall.



A/C High Pressure Sensor (Pressostat) <small>96A03744</small>	On A/C line, on right side of firewall.
A/T Fluid Temperature Sensor	On left side of transaxle.
Bulb Failure Warning Sensor	On left side of luggage compartment.



96D03745

Camshaft Position Sensor

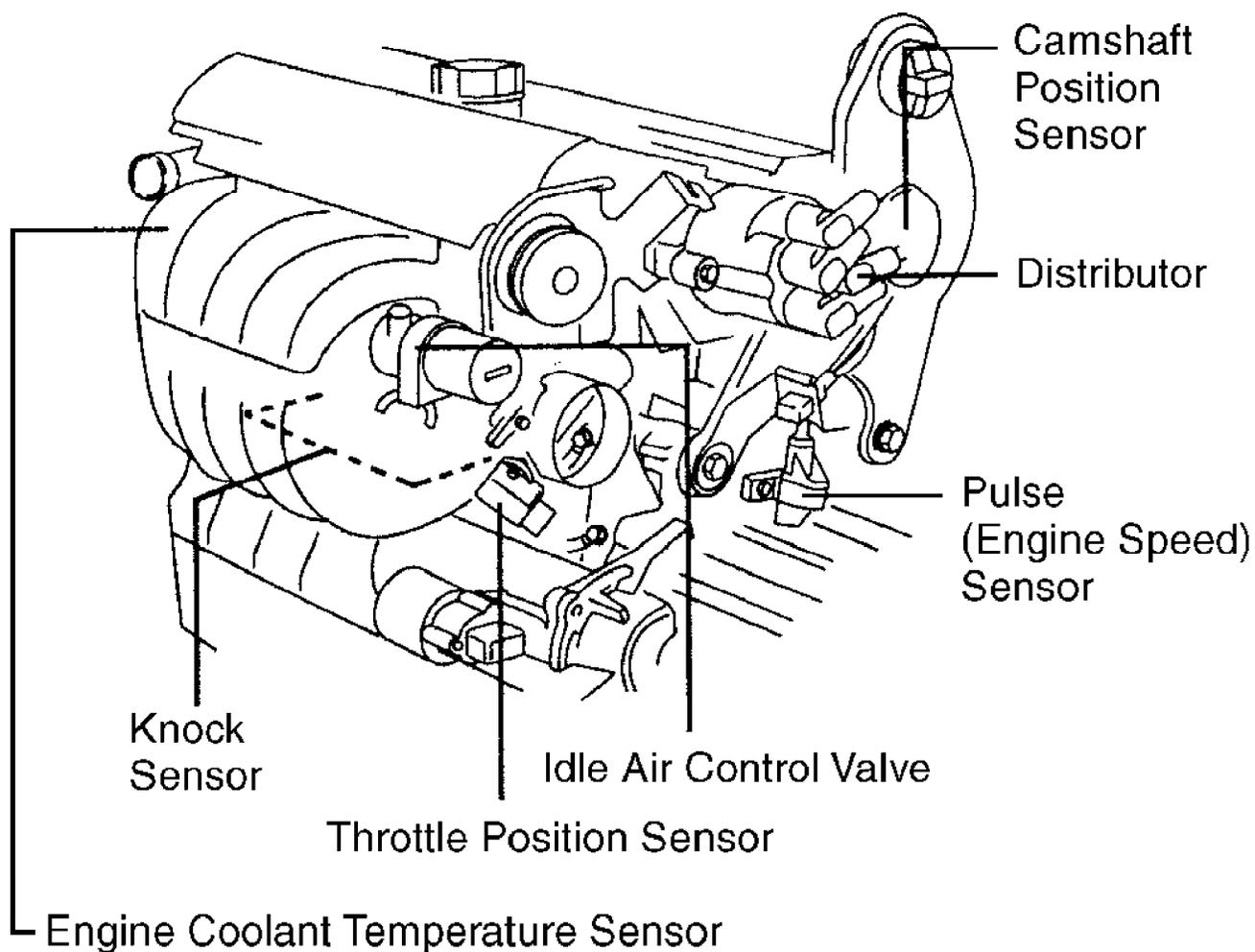
On right rear of engine.

Duct Temperature Sensor (ECC)

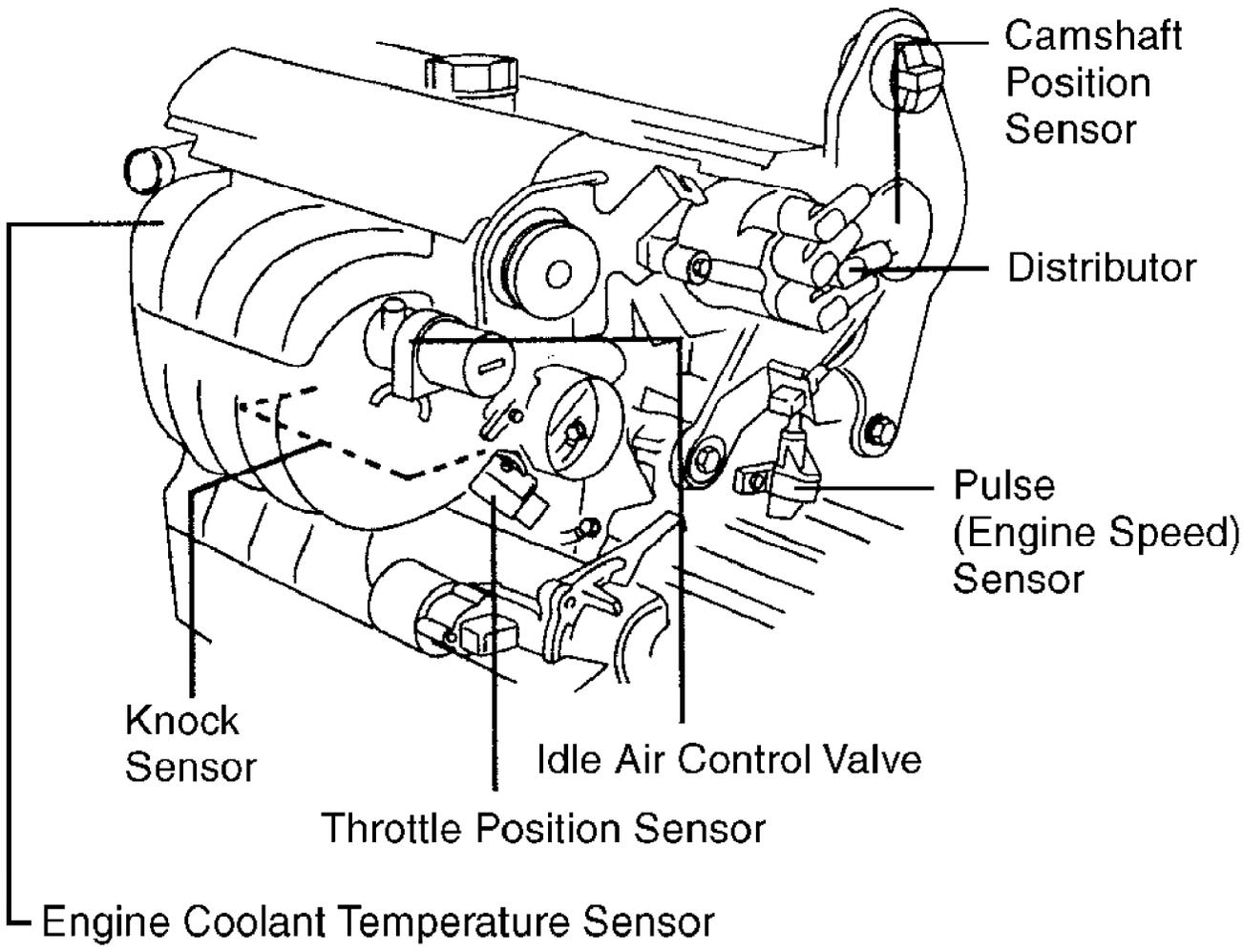
In driver's or passenger's side ventilation duct.

EGR Temperature Sensor

On base of EGR valve, on left rear of engine.

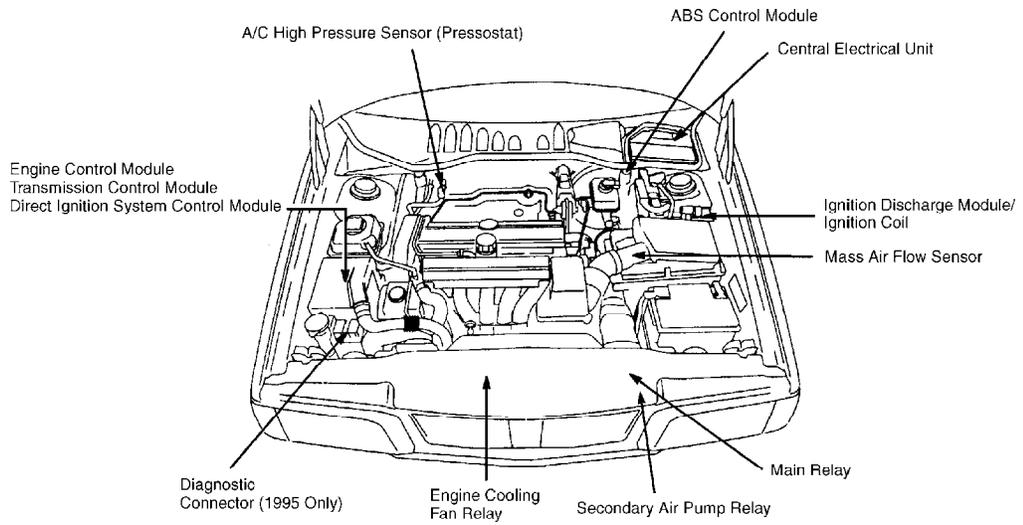


96D03745 Engine Coolant Temperature Sensor	On left front of engine.
Heated Oxygen Sensor (Front)	In front of catalytic converter.
Heated Oxygen Sensor (Rear)	Behind catalytic converter.
In-Car Temperature Sensor	Behind driver's or passenger's grab handle.
Intake Air Temperature Sensor	In air intake hose, near air cleaner.
Intake Manifold Pressure Sensor	On left side of engine, on intake manifold.



96D03745  
Knock Sensors (2)

On lower front of engine.



96A03744  
Mass Air Flow Sensor

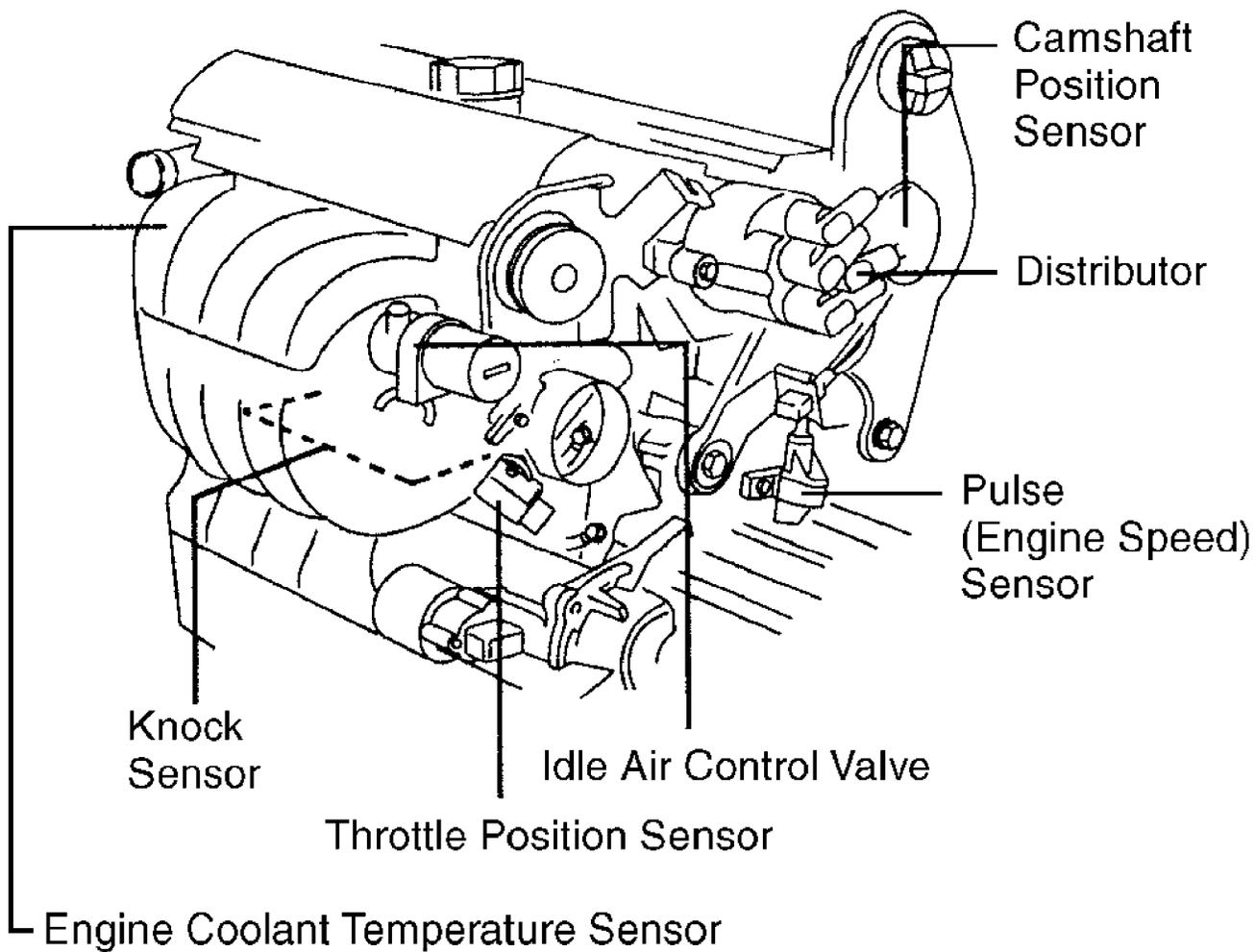
On air cleaner housing.

Oil Pressure Sensor

Lower left side of engine.

Outside Temperature Sensor (ECC)

On right side of firewall,  
near A/C air intake.



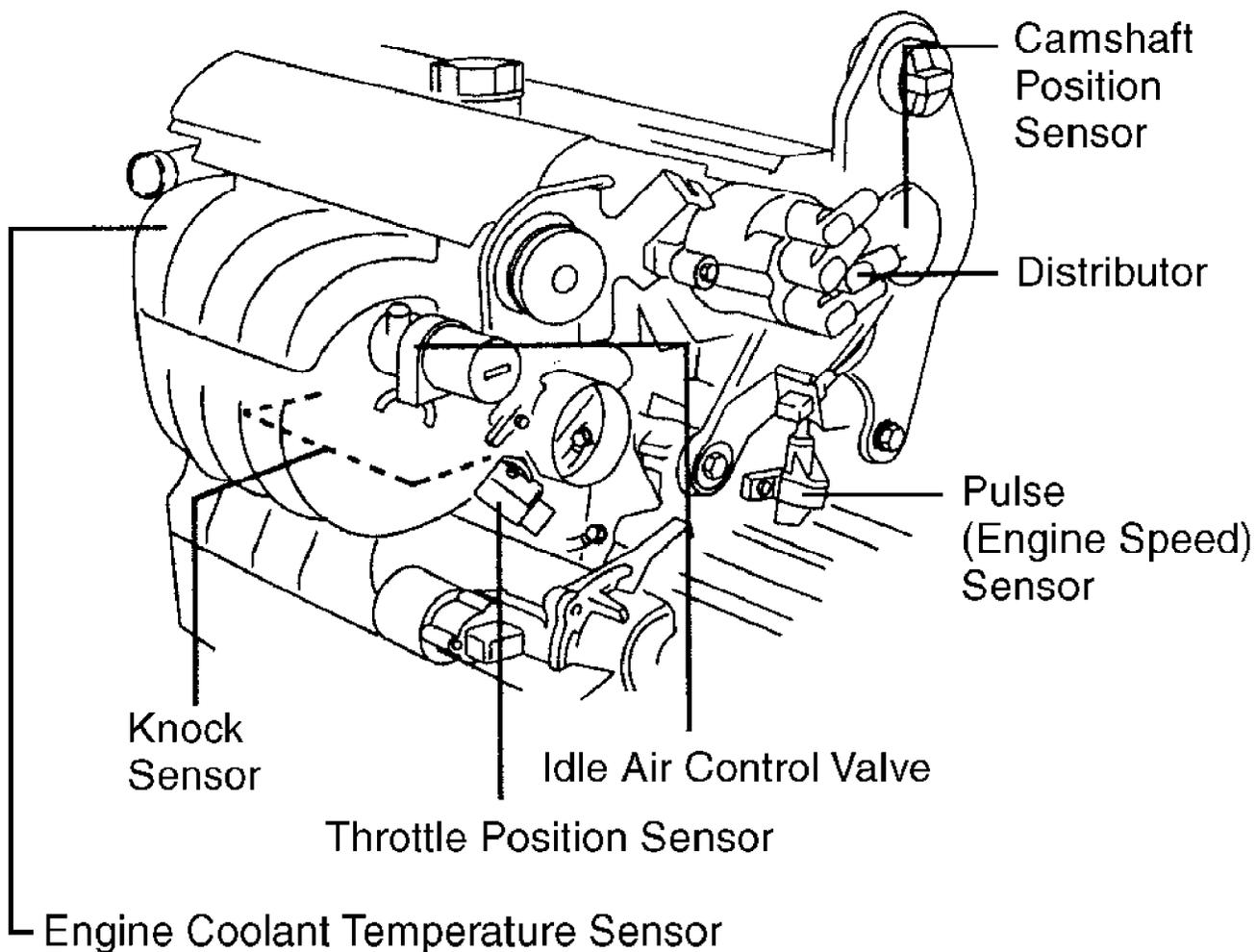
96D03745

Pulse (Engine Speed) Sensor

On rear of engine, above  
bellhousing.

Solar Sensor (ECC)

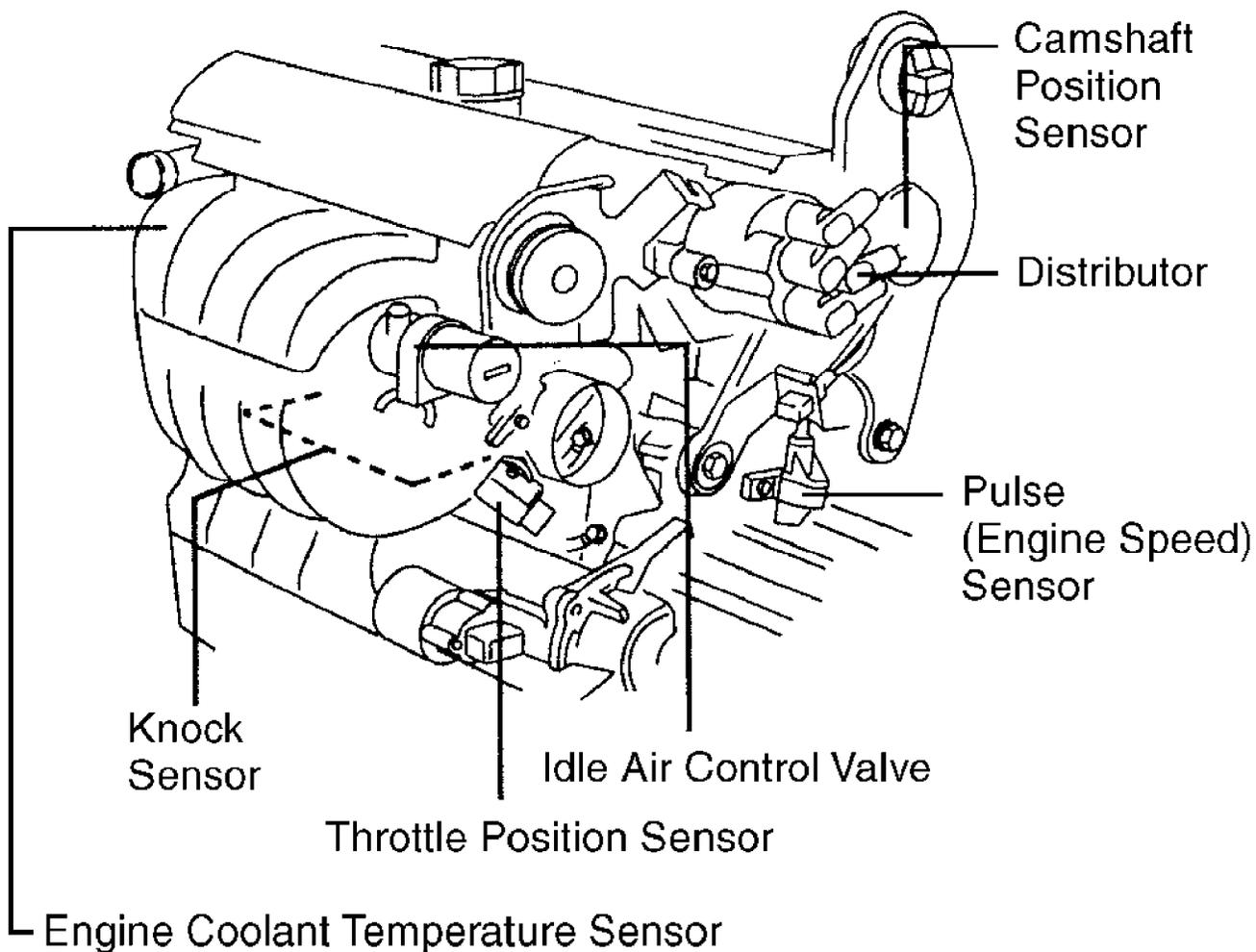
On top right of dash.



96D03745 Throttle Position Sensor	On throttle body assembly.
Transmission Range Sensor	On left side of transaxle.

### SOLENOIDS & SOLENOID VALVES

Component	Component Location
A/C Switch Solenoid	On A/C compressor.
A/T Shift Solenoids	On transaxle valve body.
Auxiliary Air Intake Solenoid	Front center of engine compartment, next to radiator.
EVAP Valve	On top left of radiator shroud.



96D03745	
Idle Air Control Valve	On left rear engine.
P-Shift Lock Solenoid (A/T)	Under shifter console, forward of shift lever.
Turbo Control Valve	Between turbo & left rear of engine.
Variable Intake Manifold Solenoid	On left side of engine compartment, between air cleaner & engine.

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## SWITCHES

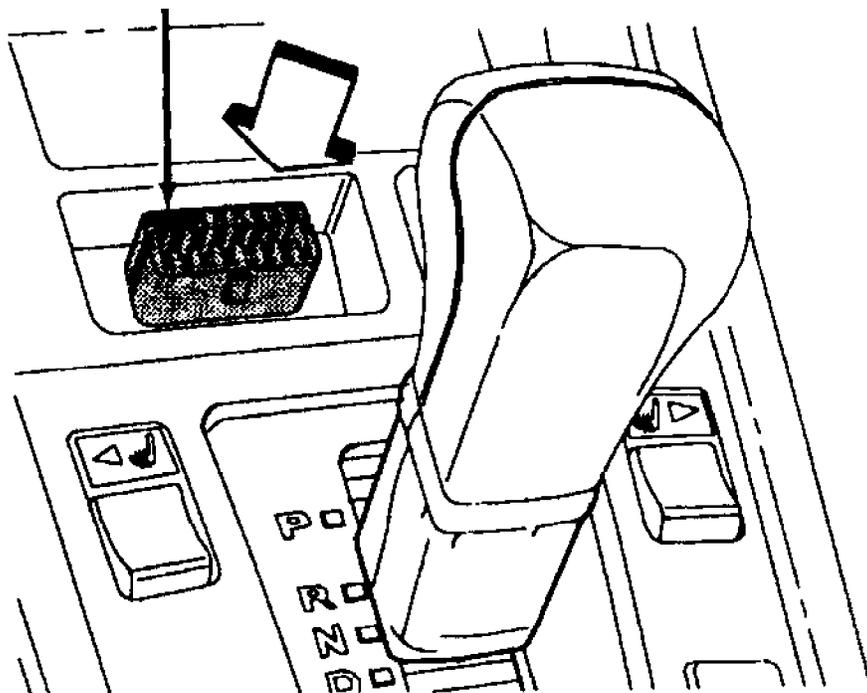
Component	Component Location
A/C High Pressure Switch	On A/C line, near receiver-drier.
Brake Switch	On bracket, above brake pedal.

Back-Up Lamp Switch	On transaxle.
Clutch Switch	On bracket, above clutch pedal.
Handbrake Switch	At base of handbrake.
Seat Belt Reminder Switch	On driver-side seat belt buckle.

## MISCELLANEOUS

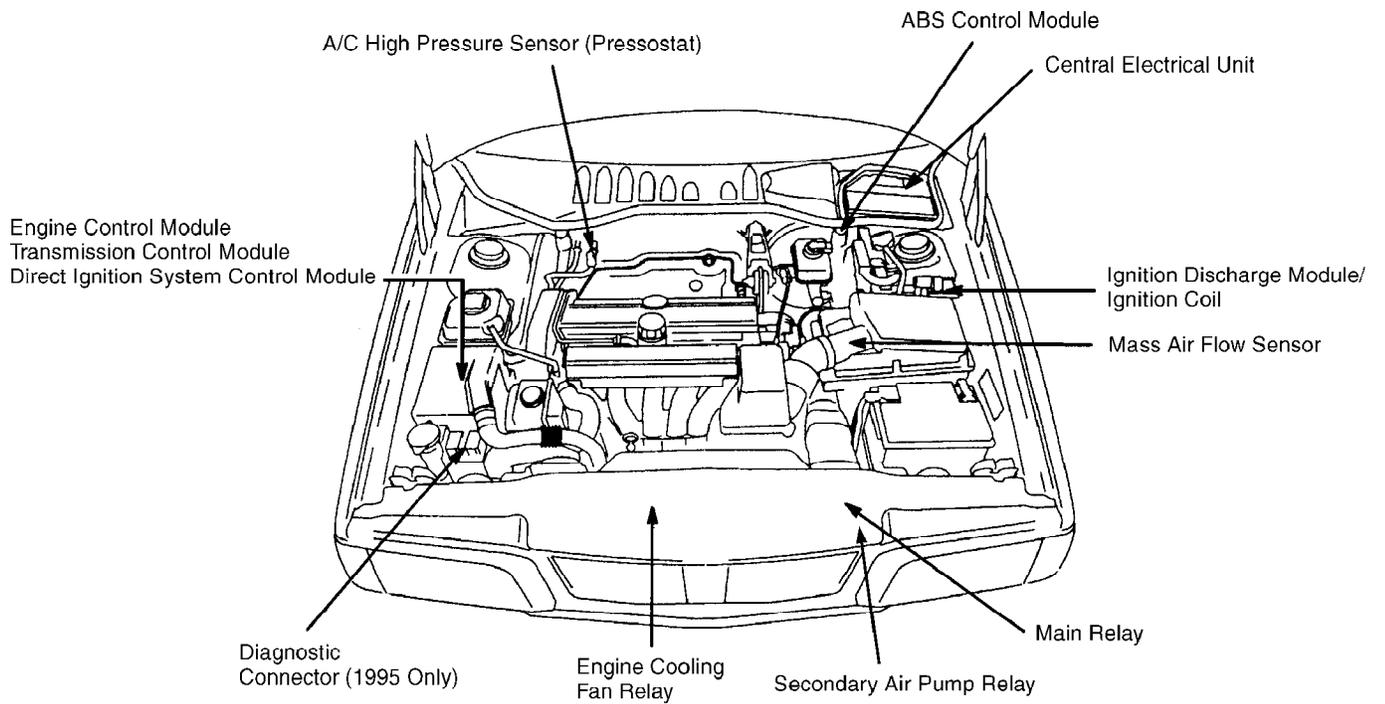
Component	Component Location
ABS Hydraulic Unit	On left rear of engine compartment, near brake master cylinder.
Alarm Horn	Rear center of engine compartment.
Blower Motor Resistor	Mounted on blower fan housing.

### Data Link Connector



96F03746  
Data Link Connector

On center console, forward of shift lever & near ECM.



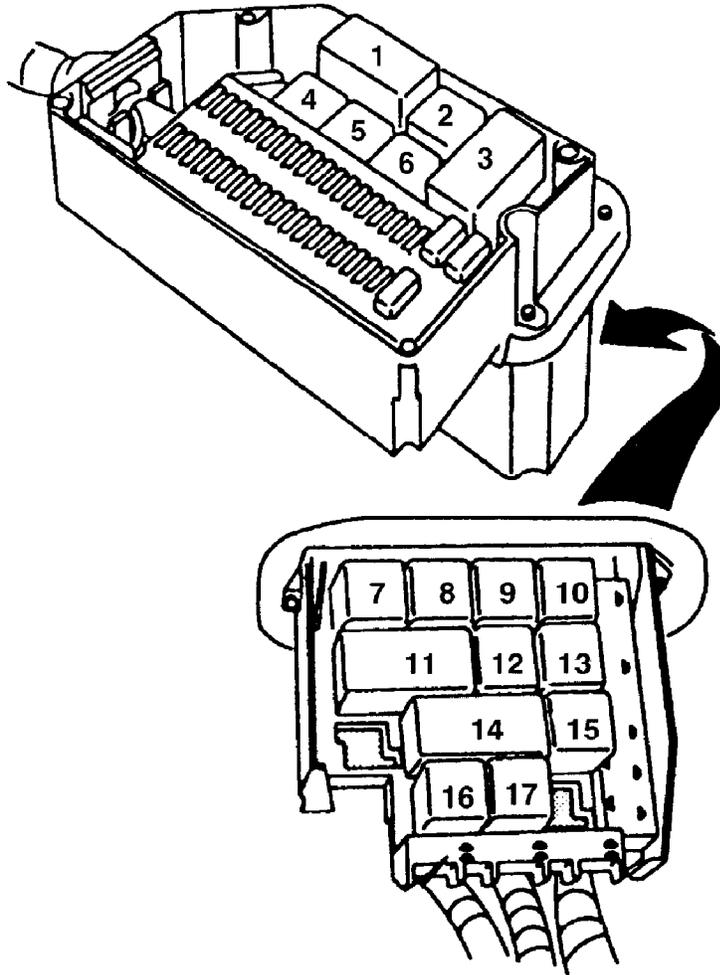
96A03744  
Diagnostic Connector

On center console, forward of shift lever & near ECM.

EGR Converter

On top center of radiator shroud.

## CENTRAL ELECTRICAL UNIT



- |  |   |
|--|---|
| 1. Cruise Control Module                               | 10. Intermittent Wiper Relay (Rear)                   |
| 2. Fuel Pump Relay                                     | 11. Central Locking & Delayed Inside Lighting Relay   |
| 3. Main Headlamp Relay With Bulb Malfunction Indicator | 12. Speed Warning Or Exhaust Temperature Sensor Relay |
| 4. Overload Relay (X)                                  | 13. Heated Rear Window & Door Mirrors Relay           |
| 5. Overload Relay (15)                                 | 14. Anti-Theft Alarm Module Relay                     |
| 6. Overload Relay (X)                                  | 15. Seat Belt Reminder/Key Warning Relay              |
| 7. Fog Lamp Relay                                      | 16. Front Fog Lamp Bridge                             |
| 8. Deadlock Setting Relay                              | 17. Heated Rear Seat Relay                            |
| 9. Intermittent Wiper Relay (Front)                    |   |

<sup>96H03747</sup>  
Front Fog Lamp Bridge

On central electrical unit.

PTC-Resistor

Mounted on fresh air intake  
hose, near air filter.

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