

ELECTRICAL COMPONENT LOCATOR

Article Text

1987 Volkswagen Quantum/Quantum Syncro

For Volkswagen Technical Site

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Sunday, March 19, 2000 01:44AM

ARTICLE BEGINNING

1987 Volkswagen

QUANTUM & QUANTUM SYNCRO

ELECTRICAL COMPONENTS

QUANTUM & QUANTUM SYNCRO COMPONENT LOCATOR CHART

AA

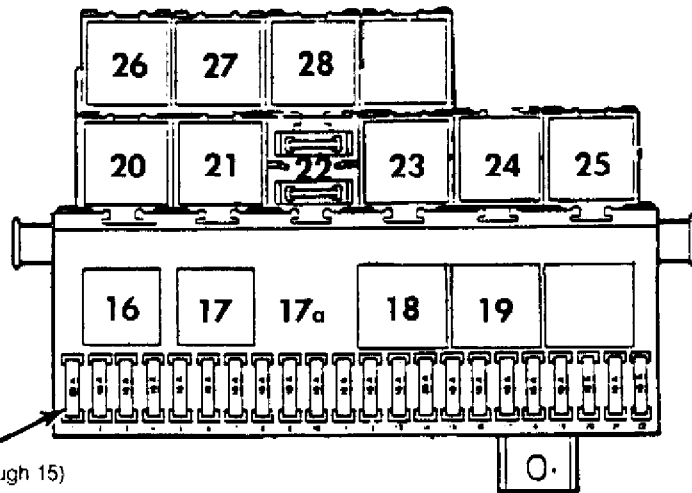
BUZZERS, RELAYS & TIMERS

AA

Component

Component Location

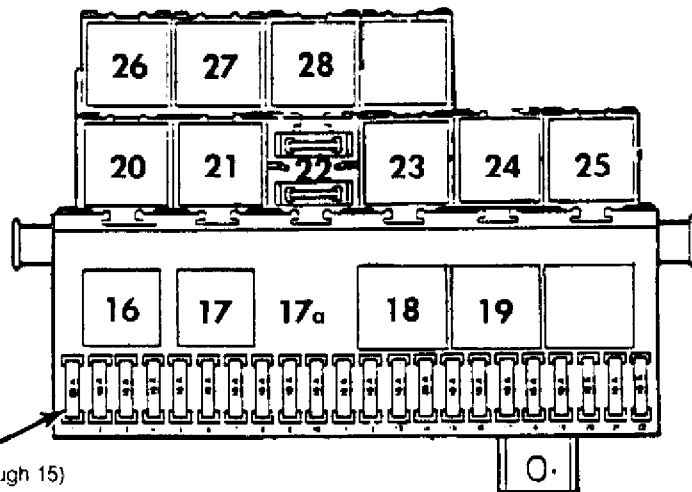
AA



- 16. Not Used
- 17. Load Reduction Relay
- 17a. Fuel Pump Relay Adapter
- 18. Intermittent Wiper Relay
- 19. Turn Signal/Hazard Flasher
- 20. Fuel Pump Relay
- 21. Rear Wiper Relay
- 22. A/C Relay
- 23. Upshift Indicator Control Relay
- 24. Horn Relay
- 25. Seat Belt Warning Buzzer
- 26. Oxygen Sensor Power Relay
- 27. Cold Start Valve Relay
- 28. Fuse Panel (Not Used)
- 29. Power Window Relay

A/C Relay

On fuse/relay panel.



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Fuel Pump Relay

On fuse/relay panel.

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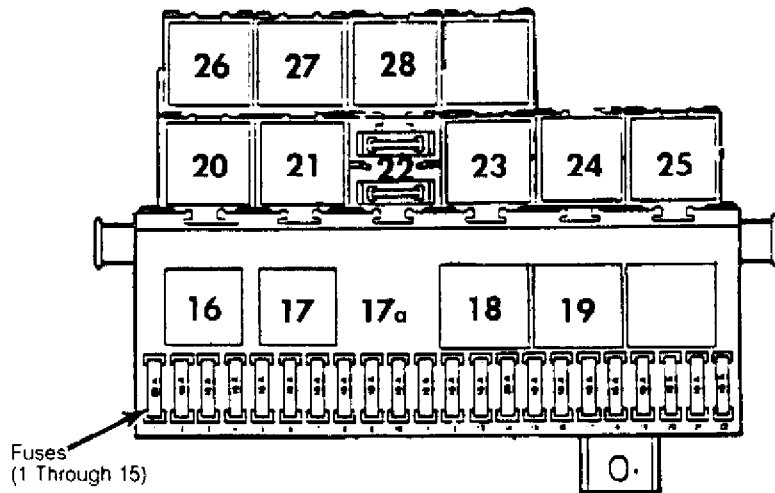
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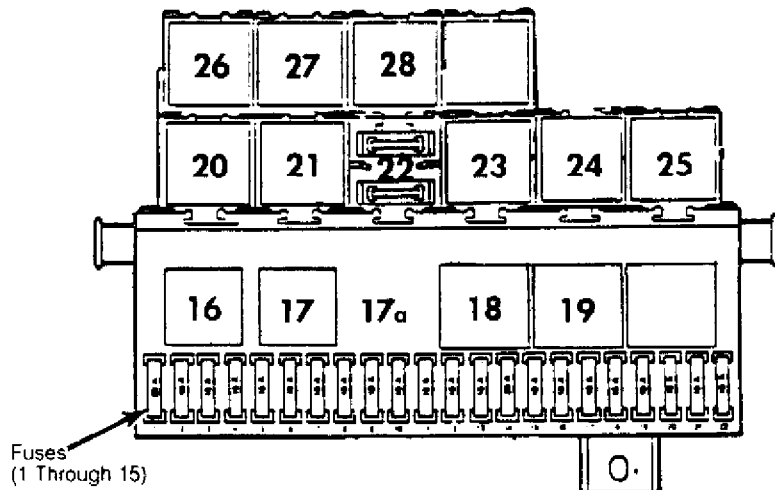
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Cold Start Valve Relay

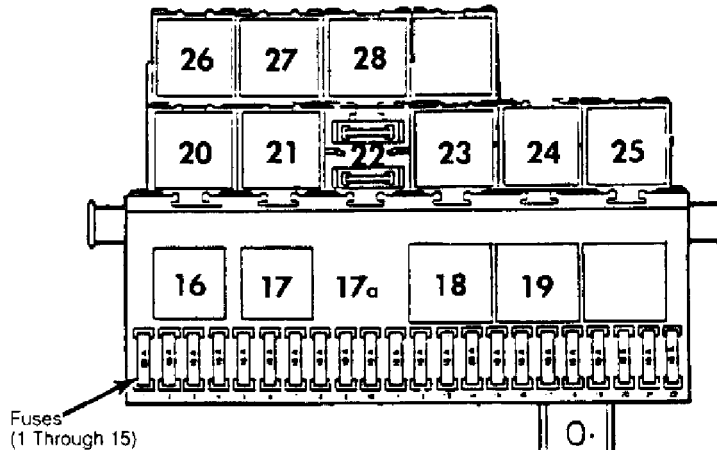
On fuse/relay panel.



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Horn Relay

On fuse/relay panel.



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Intermittent Wiper Relay

On fuse/relay panel.

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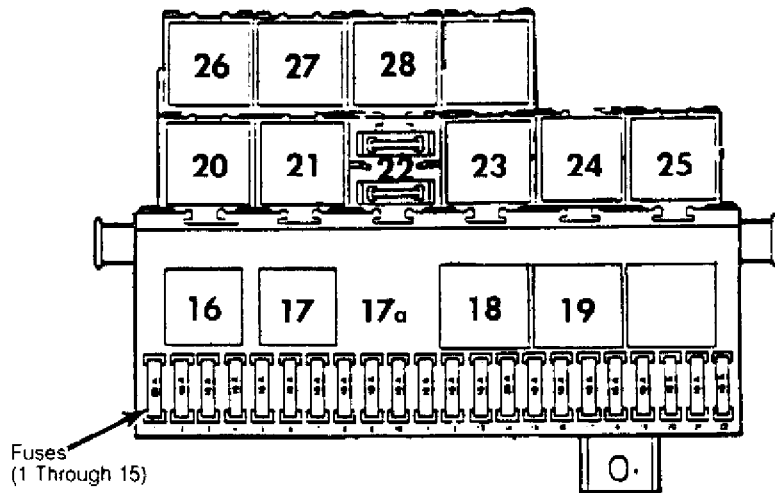
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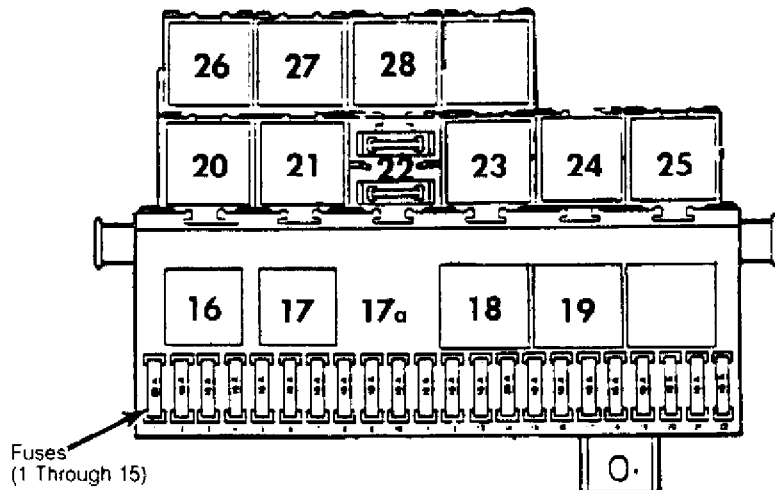
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Load Reduction Relay

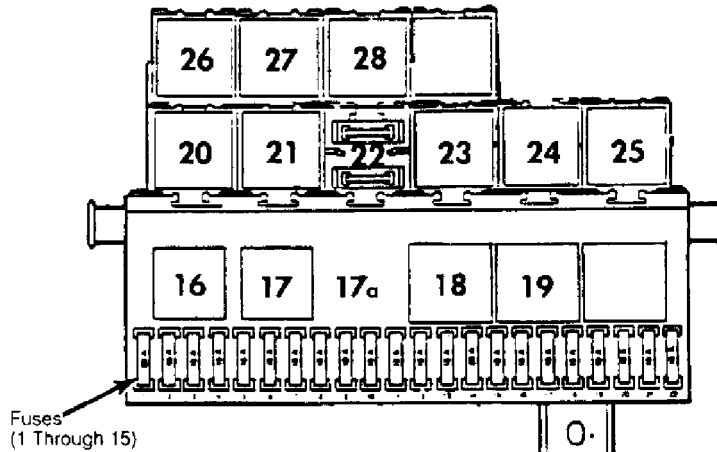
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Oxygen Sensor Power Relay

On fuse/relay panel.



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Power Window Relay

On fuse/relay panel.

ELECTRICAL COMPONENT LOCATOR

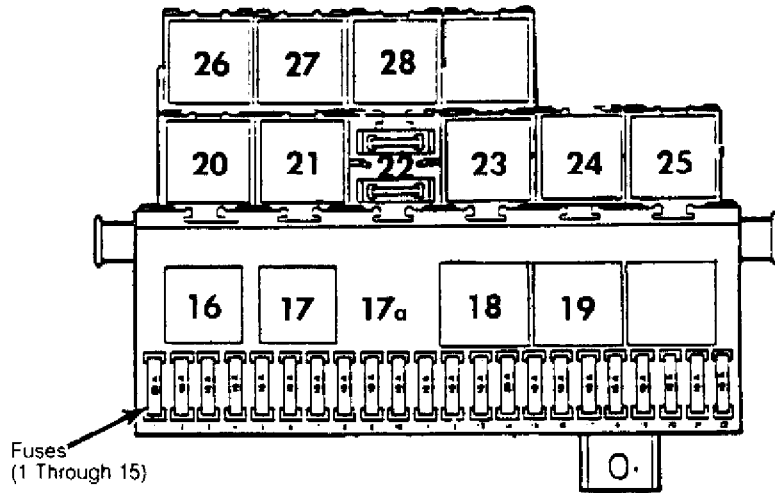
Article Text (p. 4)

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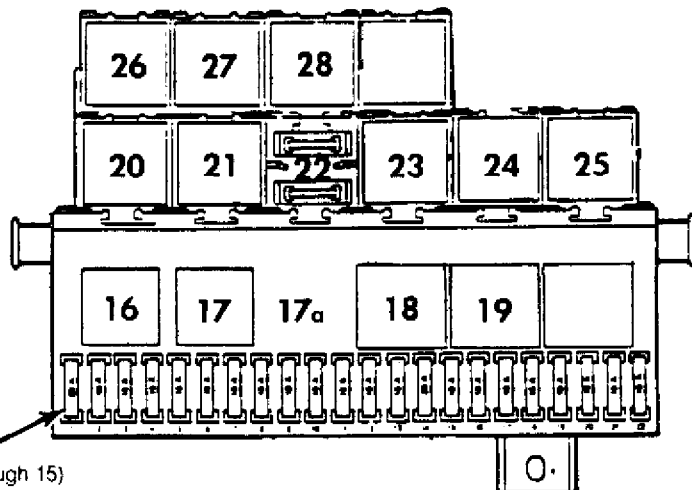
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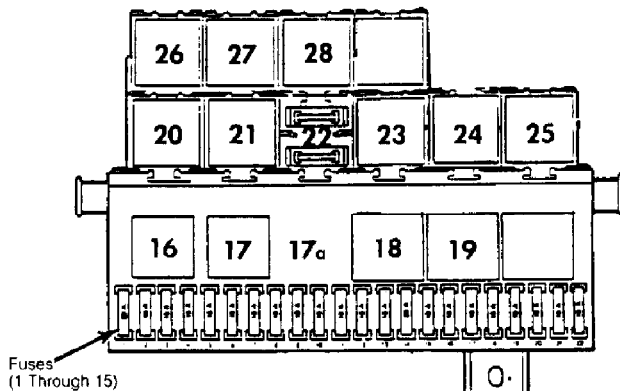
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Seat Belt Warning Buzzer

On fuse/relay panel.

Sun Roof Relay

On sun roof motor.



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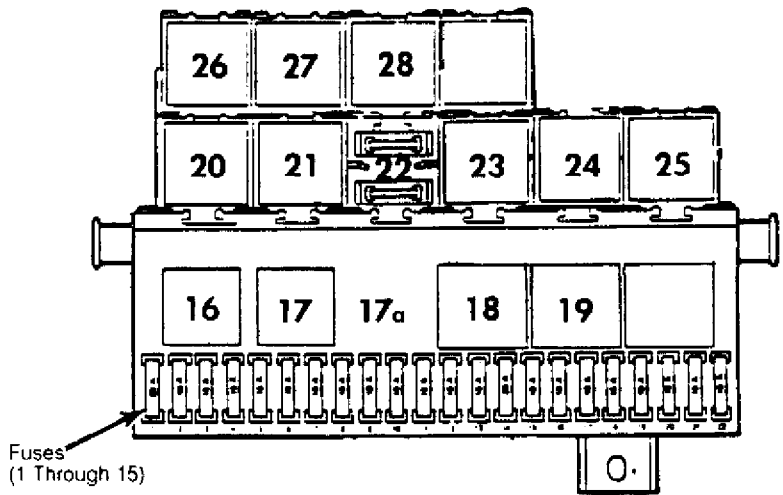
Turn Signal/Hazard Flasher

On fuse/relay panel.

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Article Text (p. 5)

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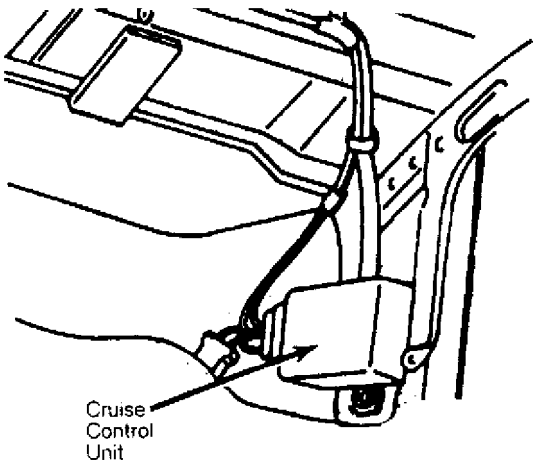
Upshift Indicator Control Relay
On fuse/relay panel.

CIRCUIT PROTECTION DEVICES

| | |
|------------------|--------------------------|
| Component | Component Location |
| Fuse/Relay Panel | Under left side of dash. |

CONTROL UNITS

| | |
|-----------|--------------------|
| Component | Component Location |
| | |



Cruise Control Unit
Under right side of dash.

ELECTRICAL COMPONENT LOCATOR

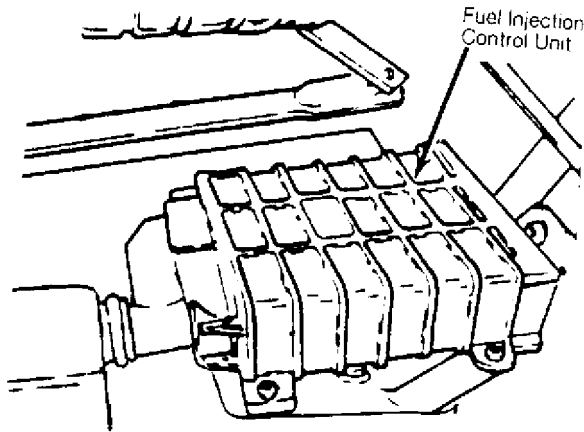
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| | |
|------------------------------|--|
| Fuel Injection Control Unit | On left rear corner of engine compartment. |
| Idle Stabilizer Control Unit | On left rear corner of engine compartment. |
| Ignition Control Unit | On left rear corner of engine compartment. |
| Oil Pressure Control Unit | On back of instrument cluster. |

MOTORS

| | |
|------------------------|--|
| Component | Component Location |
| Fuel Pump | In top center of fuel tank. |
| Power Door Lock Pump | In left rear quarter panel. |
| Rear Washer Pump | On side of washer reservoir. |
| Rear Wiper Motor | In rear tailgate. |
| Windshield Washer Pump | On side of washer reservoir. |
| Windshield Wiper Motor | In cowl area, at rear of engine compartment. |

SENDING UNITS & SENSORS

| | |
|-----------|--------------------|
| Component | Component Location |
| | |

ELECTRICAL COMPONENT LOCATOR

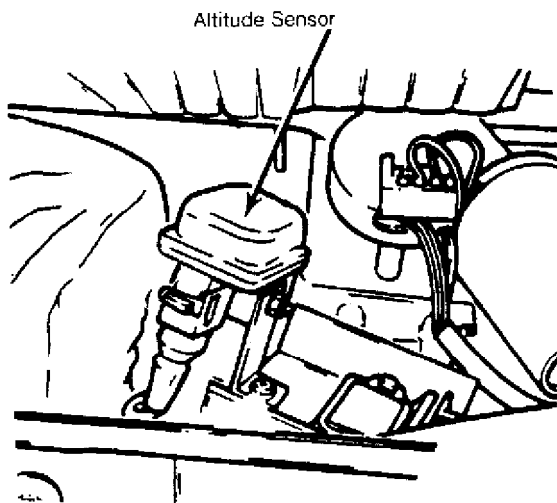
Article Text (p. 7)

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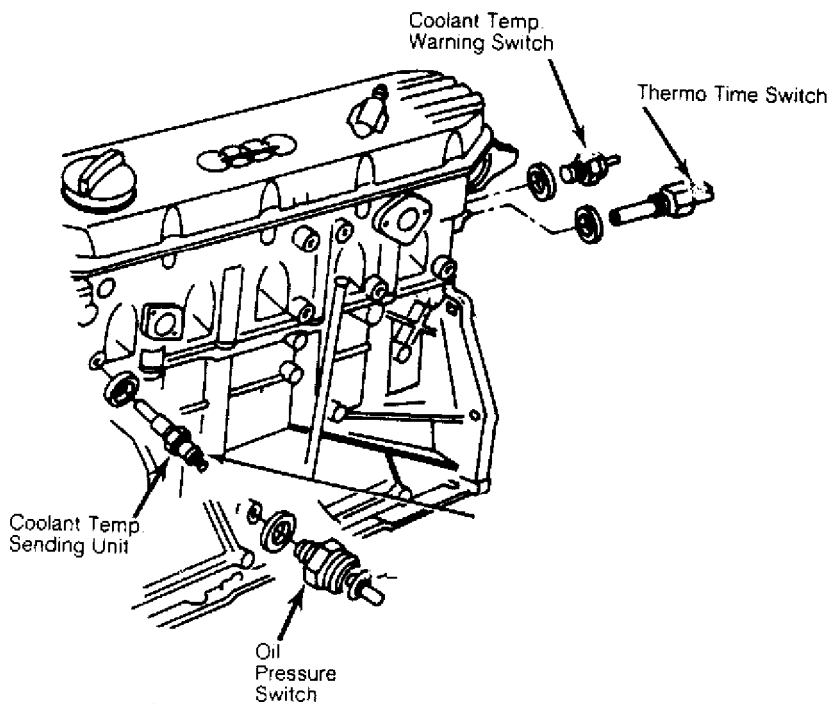
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Altitude Sensor

On left rear corner of engine compartment.



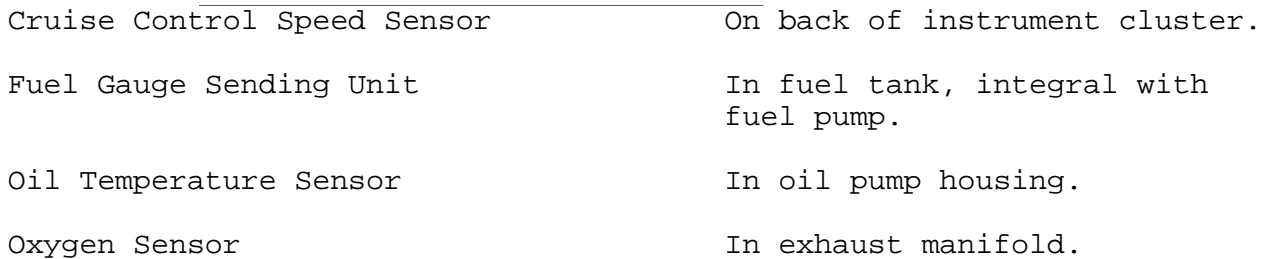
Coolant Temperature Sending Unit

On side of engine block.

Article Text (p. 8)

For Volkswagen Technical Site

Sunday, March 19, 2000 01:44AM



| Component | Component Location |
|----------------------------------|---------------------|
| Power Door Lock Control Solenoid | In left front door. |

| Component | Component Location |
|--------------------------------|--|
| A/C Coolant Temperature Switch | In coolant supply hose, near expansion tank. |
| A/C Kickdown Switch | Below accelerator pedal. |
| A/C High/Low Pressure Switches | On top of receiver-drier. |
| A/C Microswitch | On side of A/C-heater control panel. |
| A/C Temperature Switch | On rear of A/C-heater control panel. |

ELECTRICAL COMPONENT LOCATOR

Article Text (p. 9)

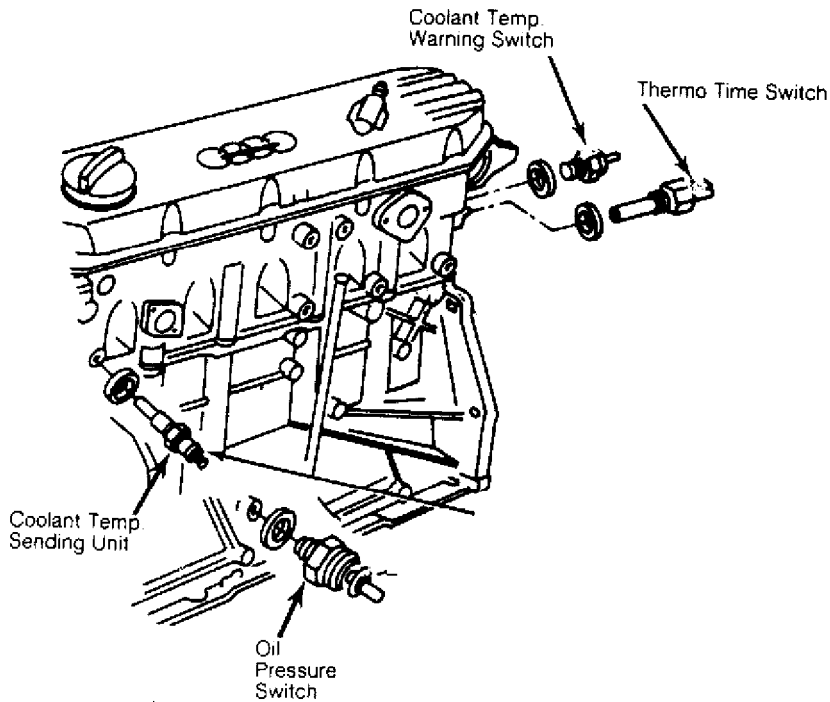
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| | |
|----------------------------|-------------------------------|
| Back-Up Light Switch (M/T) | On transmission. |
| Brake Fluid Level Switch | In brake fluid reservoir cap. |
| Brake/Stoplight Switch | On master cylinder. |



| | |
|------------------------------|---------------------------|
| Coolant Temp. Warning Switch | In rear of cylinder head. |
| Cooling Fan Thermoswitch | On left side of radiator. |
| Cruise/Brake Switch | On brake pedal assembly. |
| Cruise/Clutch Switch | On clutch pedal assembly. |

ELECTRICAL COMPONENT LOCATOR

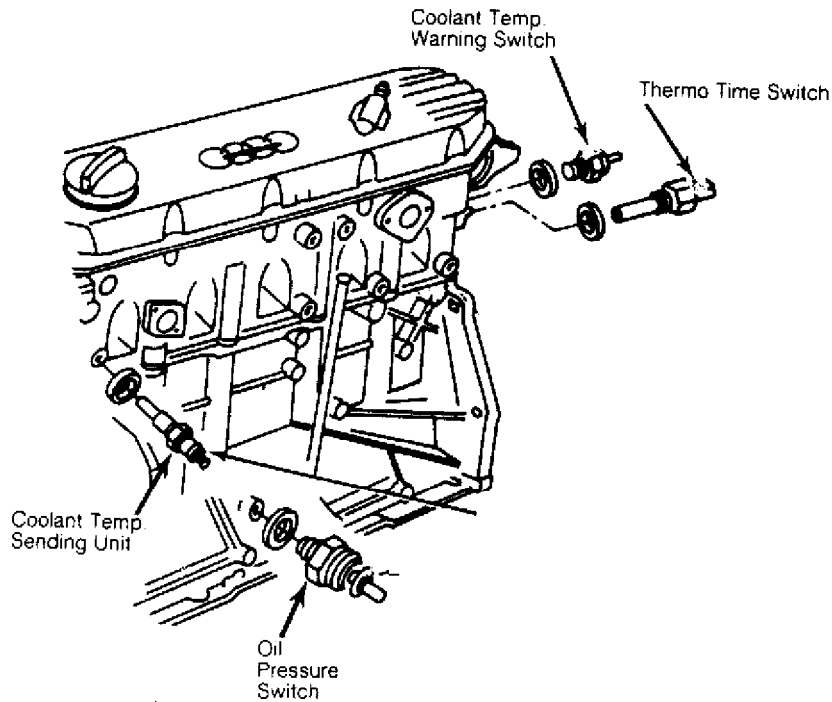
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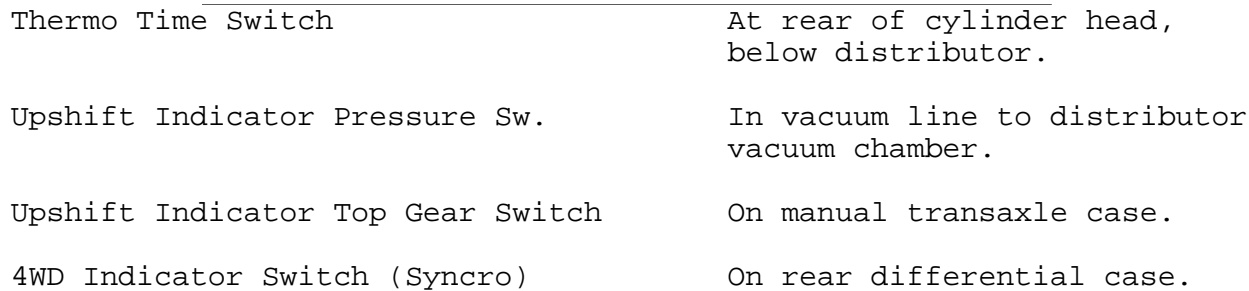


| | |
|-------------------------------|---|
| Oil Pressure Switch | On engine block, in front of dipstick tube. |
| Oil Pressure Warning Switches | |
| Low Pressure | In rear of cylinder head. |
| High Pressure | On oil filter bracket. |
| Oxygen Sensor Thermoswitch | In heater by-pass hose. |
| Parking Brake Switch | Under parking brake lever. |
| Seat Belt Switch | In driver's seat belt buckle. |
| Sun Roof Switches | On sun roof motor. |

Article Text (p. 11)

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ELECTRICAL COMPONENT LOCATOR

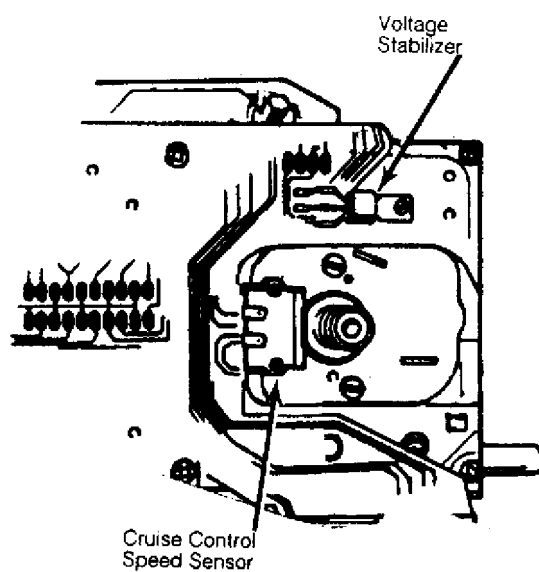
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Voltage Stabilizer

On back of instrument cluster.

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