

ELECTRICAL COMPONENT LOCATOR

1988 Jeep Cherokee

1988 ELECTRICAL COMPONENT LOCATOR
Jeep Electrical Component Locations

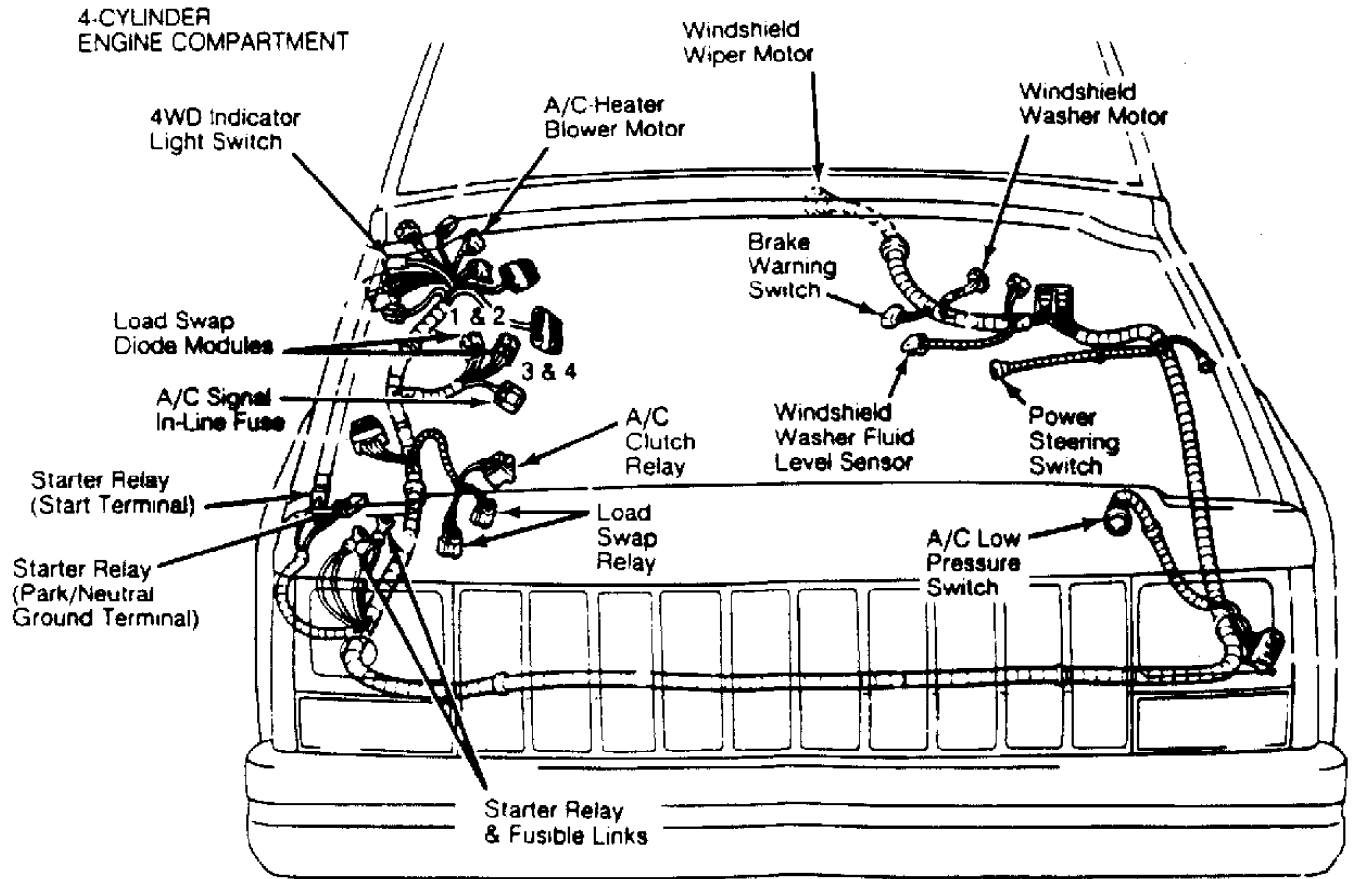
Cherokee, Comanche & Wagoneer

COMPONENT LOCATOR CHARTS

BUZZERS, RELAYS & TIMERS

Component

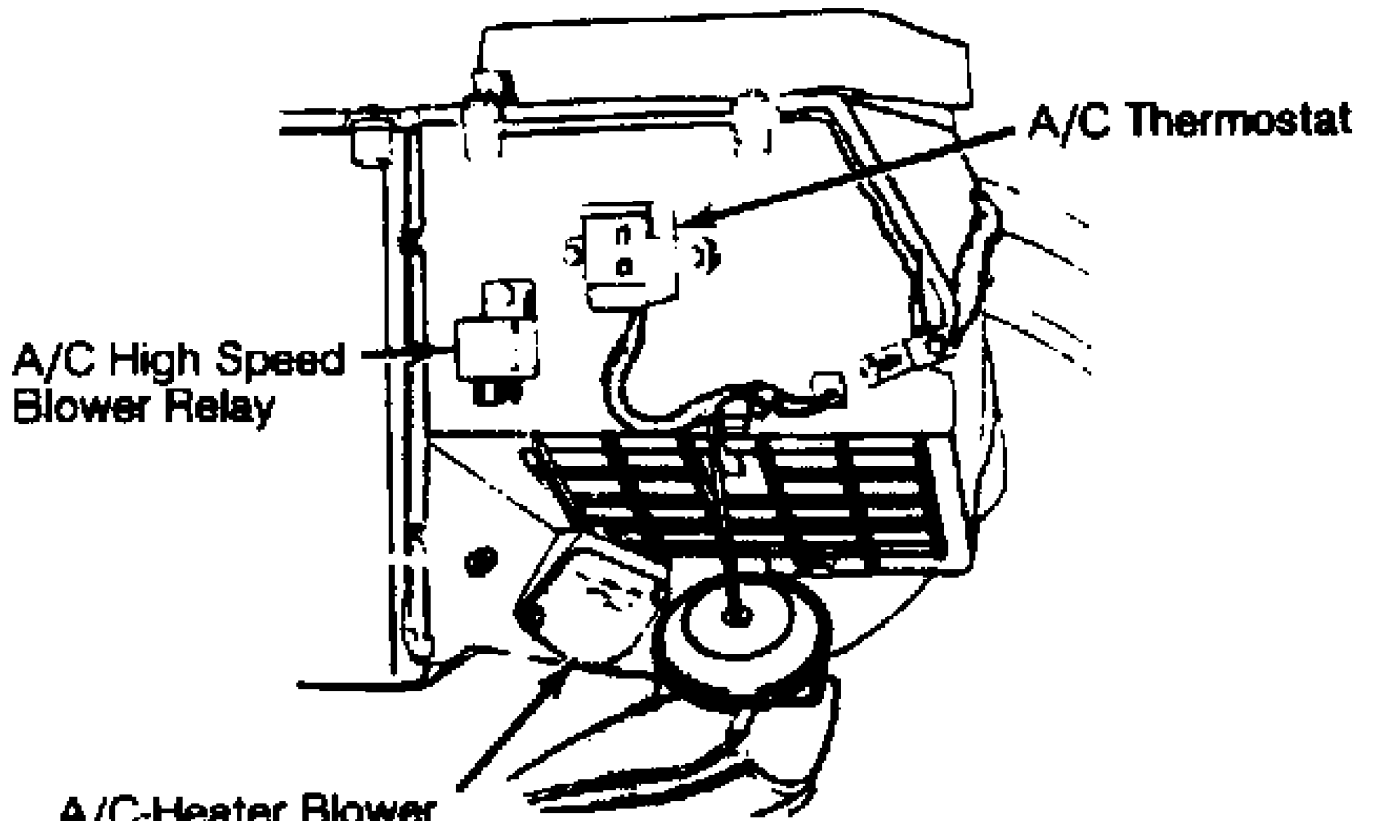
Component Location



A/C Clutch Relay

On right front wheelwell.

GASOLINE



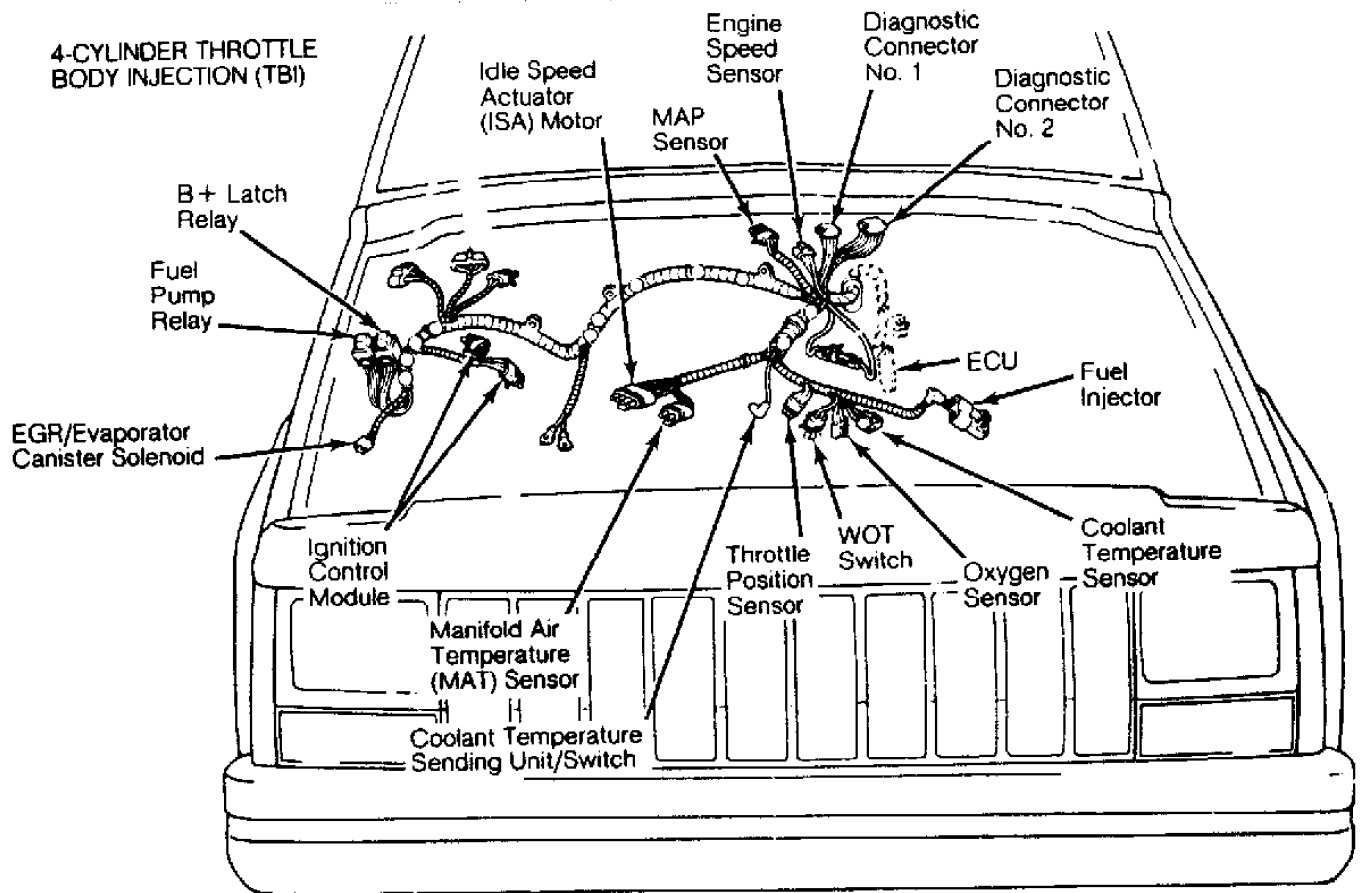
A/C-Heater Blower Motor Resistors

A/C-Heater Blower Relays

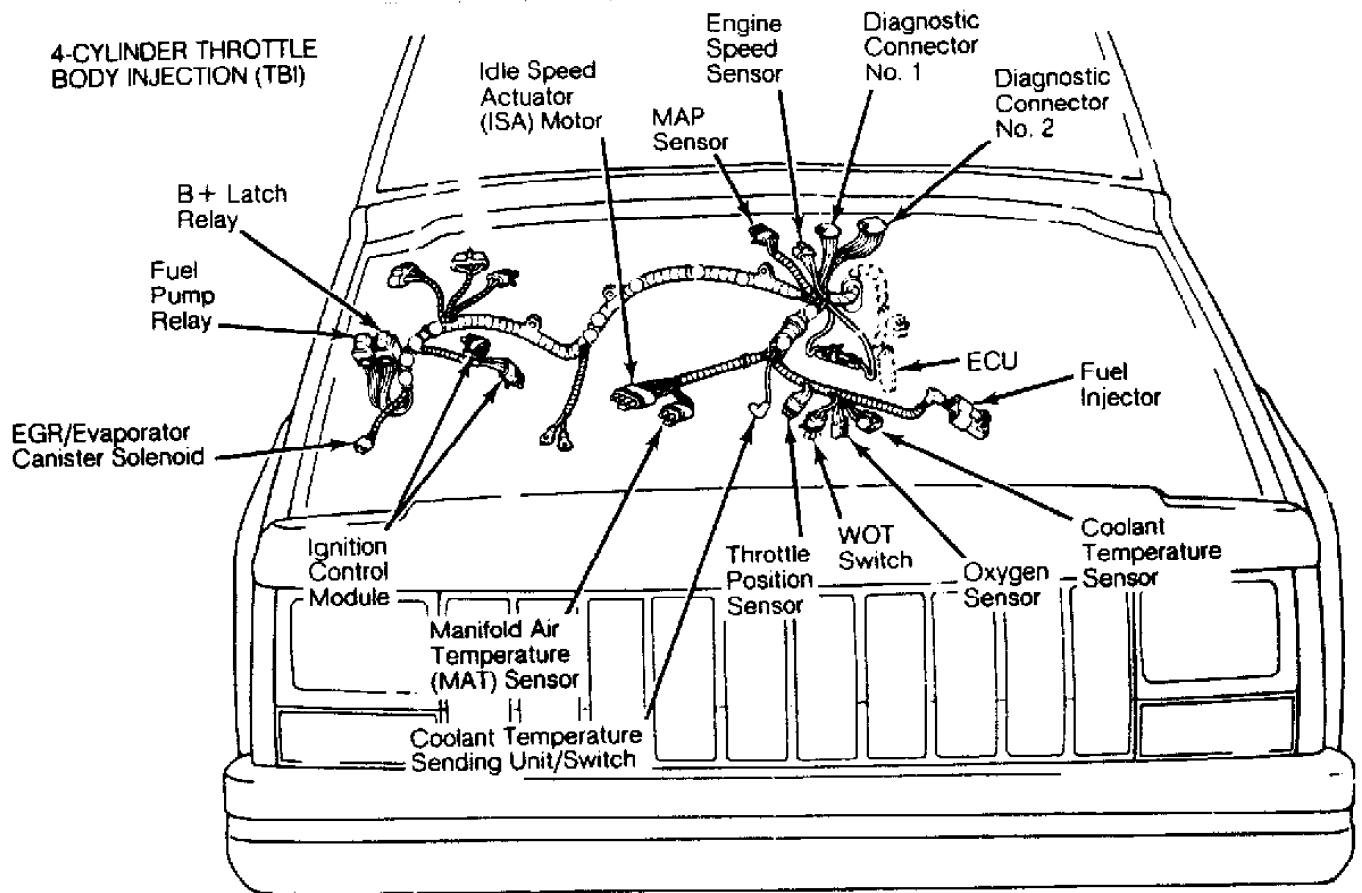
Under right side of dash, on evaporator housing.

Automatic Load Leveling Relay

On load level compressor bracket.



- | | |
|-------------------------|---------------------------------------|
| B+ Latch Relay | On center of right front wheelwell. |
| Choke Relay | On right front wheelwell. |
| Door Lock/Unlock Relays | Under dash, behind right kick panel. |
| Fog Light Relay | Behind right headlight, on wheelwell. |

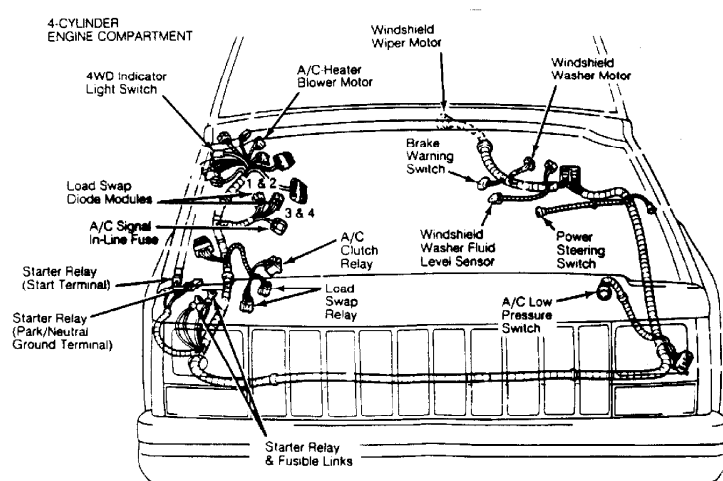


Fuel Pump Relay

On right front wheelwell.

Horn Relay

Taped to wiring harness, above fuse block.



Load Swap Relay

On front of right front wheelwell.

Power Antenna Relay

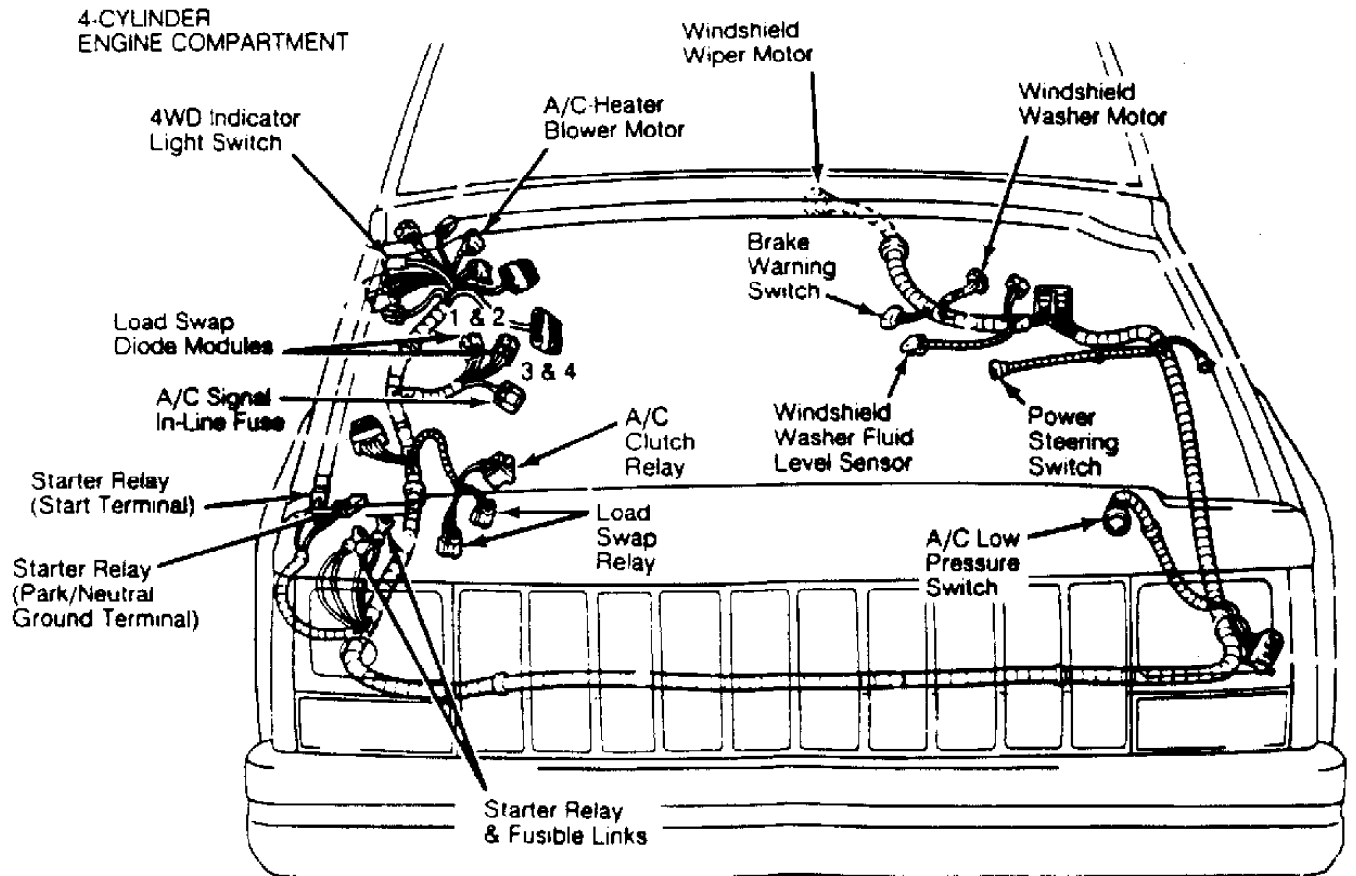
Under right side of dash.

Rear Window Defogger Relay

Under instrument panel, to right of steering column.

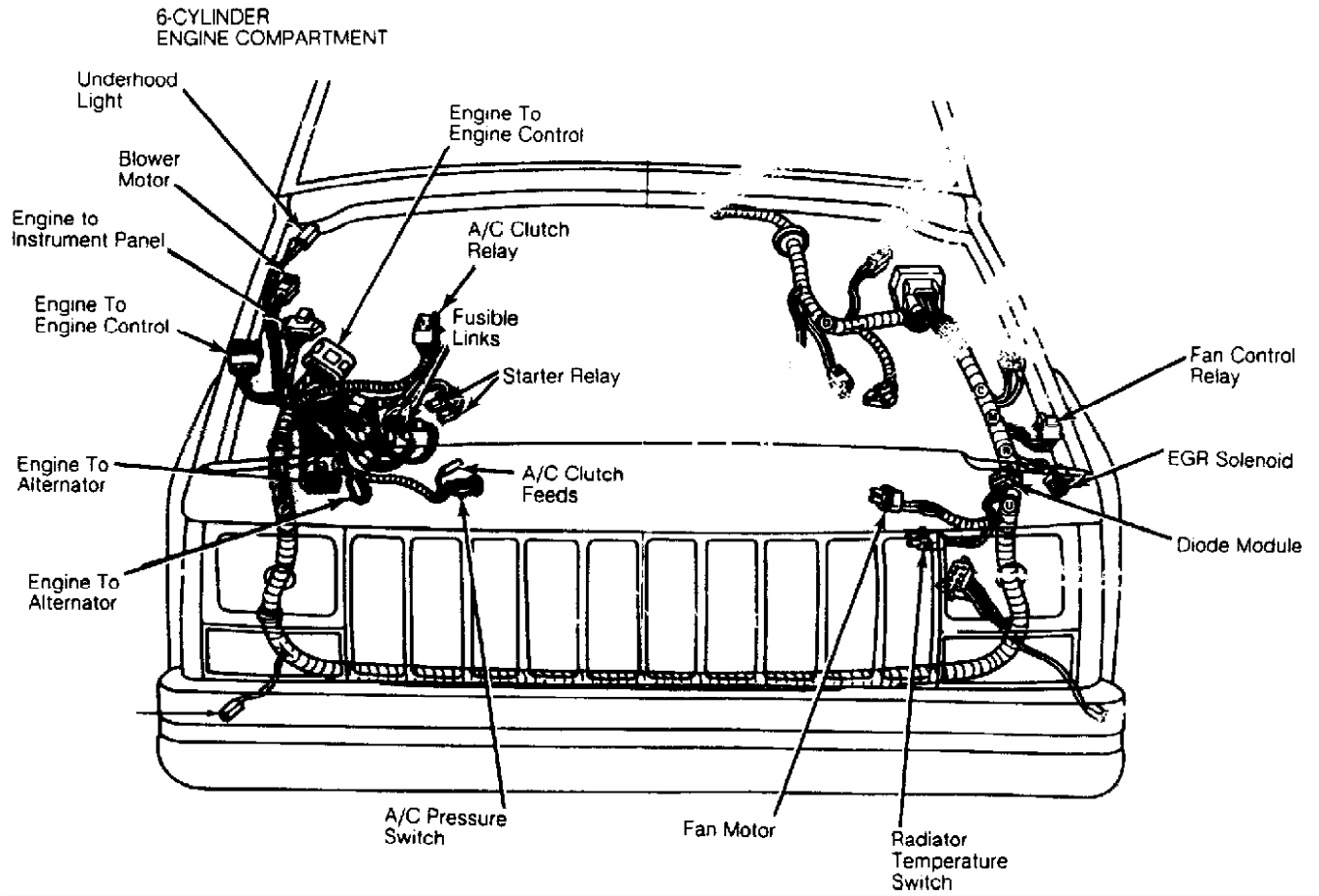
Rear Wiper Relay

In tailgate, next to wiper motor.



Starter Relay (Graphic 1)

Behind right headlight, on wheelwell.

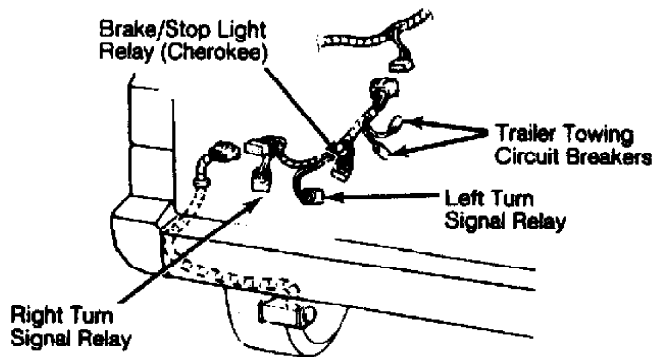


Starter Relay (Graphic 2)

Behind right headlight, on wheelwell.

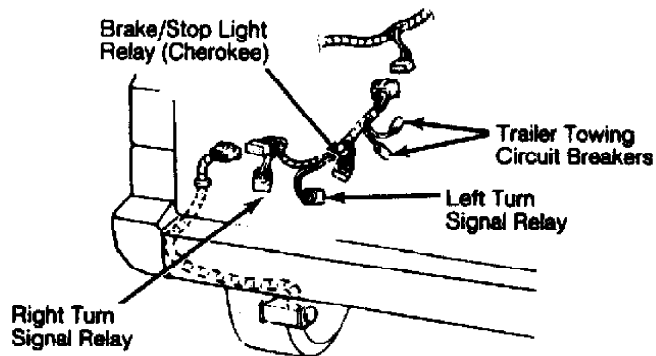
Timer Delay Relay

Above starter relay, behind battery.

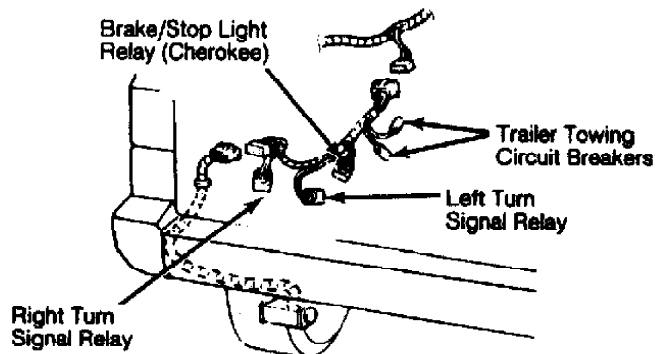


Trailer Towing Relays,
Brake/Stop Light Relay (Cherokee)

Above left rear wheelwell.



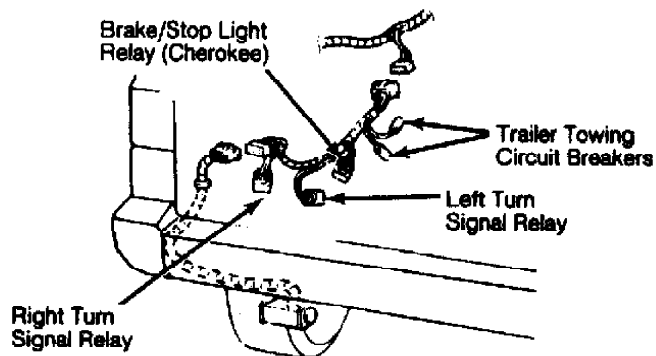
Left Turn Signal Relay Above left rear wheelwell.



Right Turn Signal Relay Above left rear wheelwell.

CIRCUIT PROTECTION DEVICES

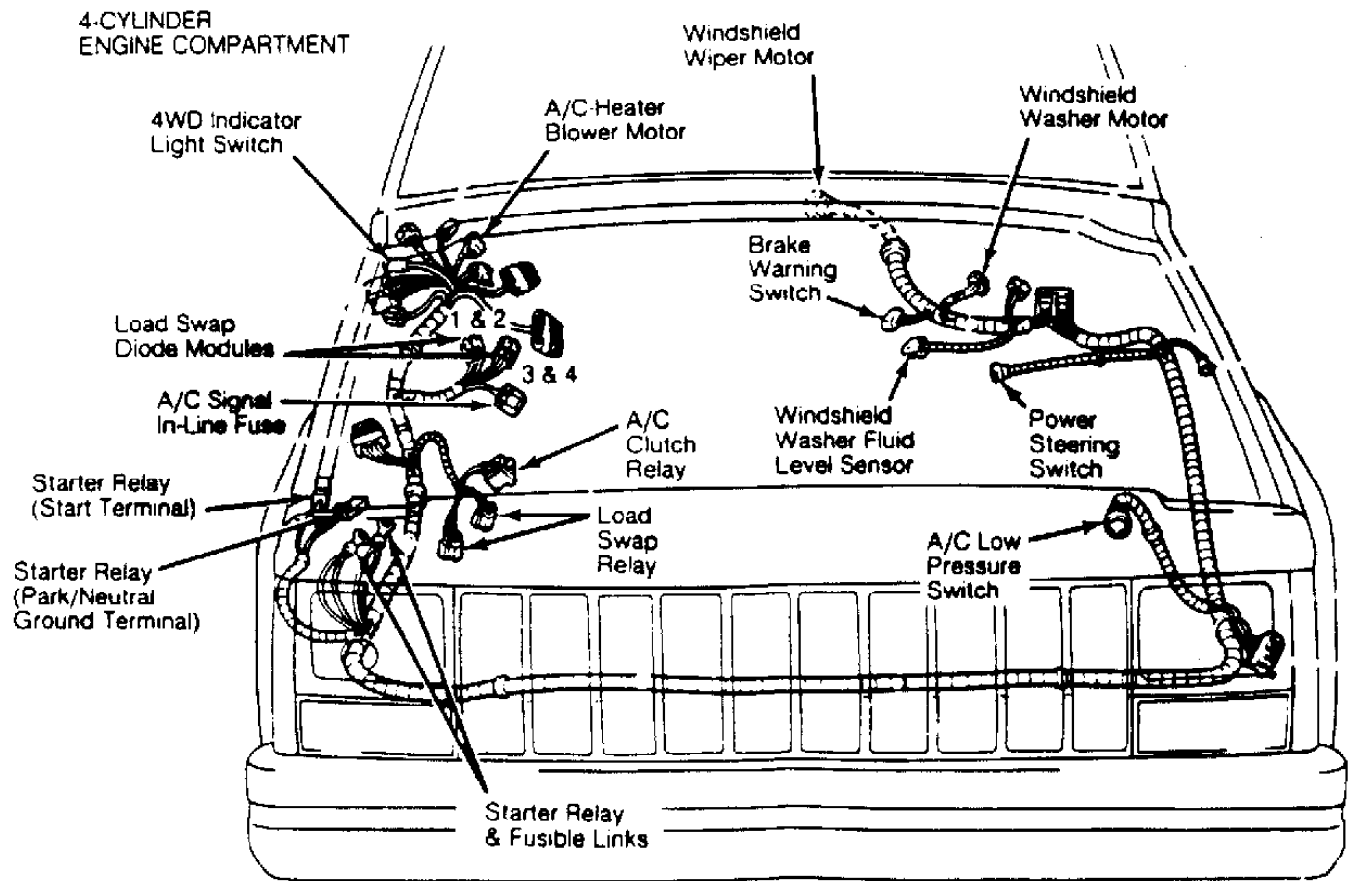
Component	Component Location
Circuit Breakers	
Power Accessories	In fuse block.
Power Window	In fuse block.



Trailer Towing Above left rear wheelwell.

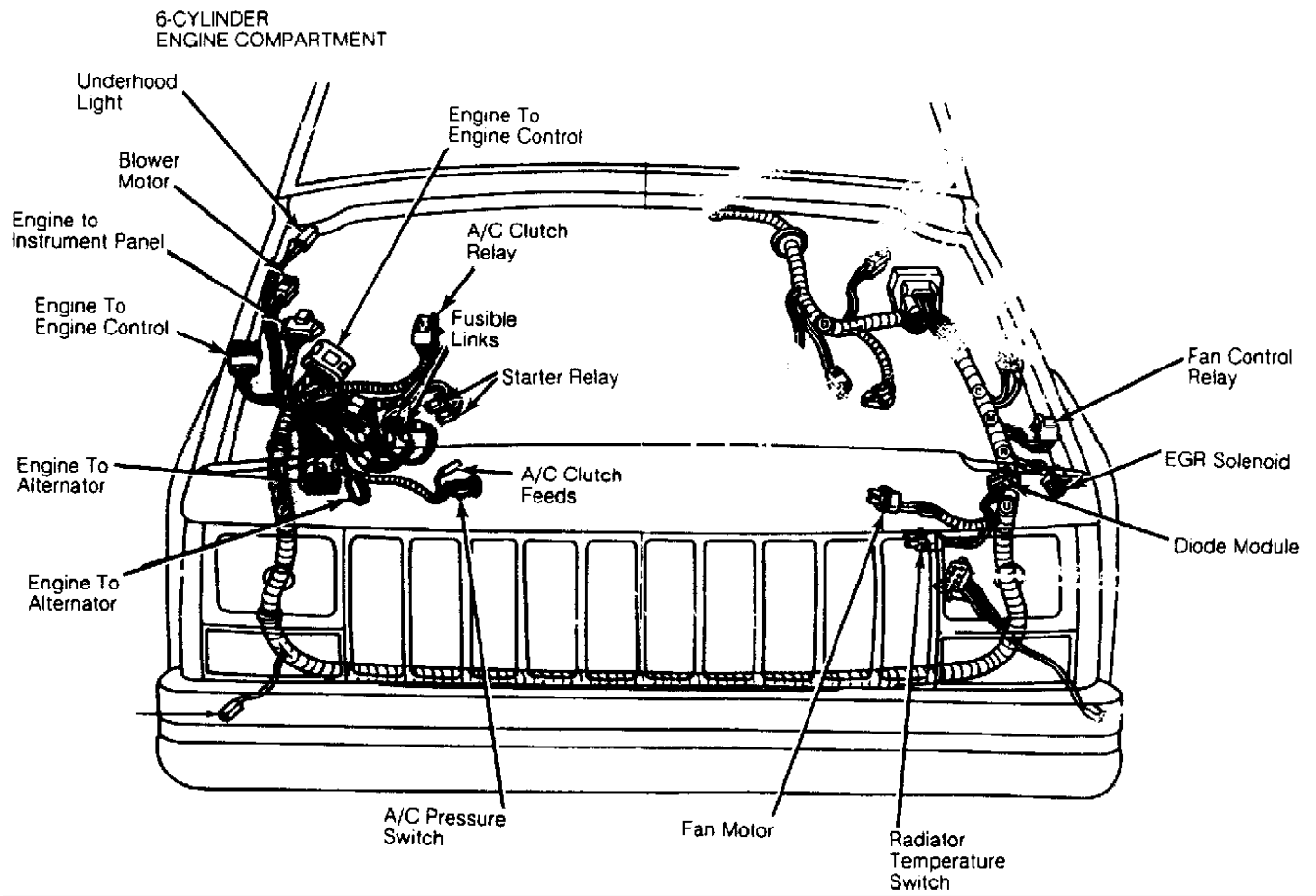
Windshield Wiper On side of fuse block.

Fuse Block Under left side of dash.



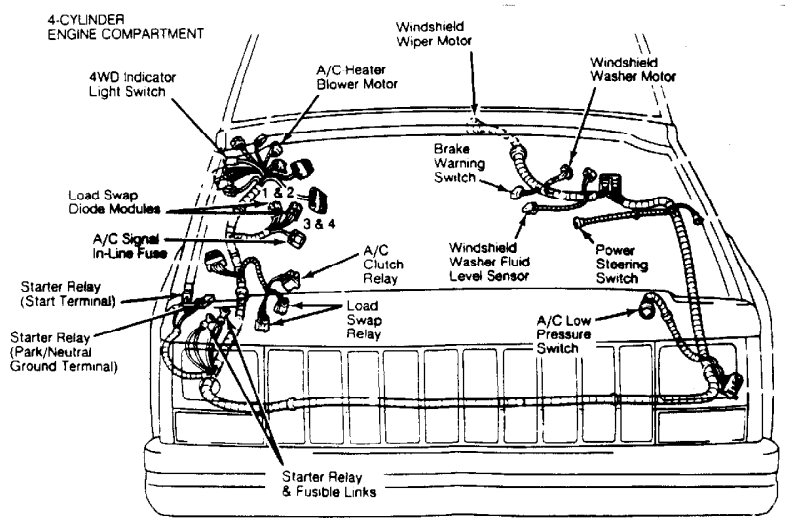
Fusible Links (Graphic 1)

At starter relay.



Fusible Links (Graphic 2) At starter relay.

In-Line Fuses



A/C Signal Fuse

Near diode modules or above left front wheelwell.

Fuses A & B

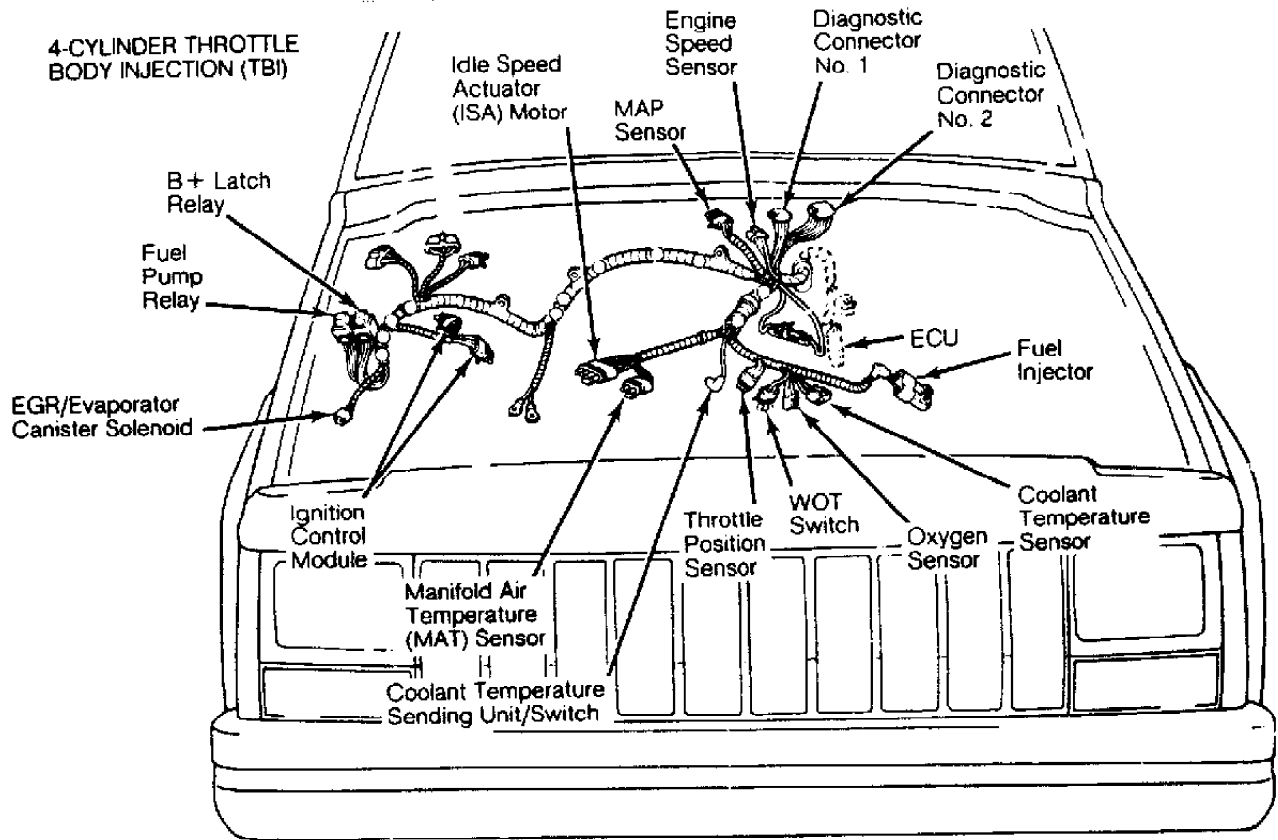
Taped to engine wiring harness, near thermo-electric

switch.

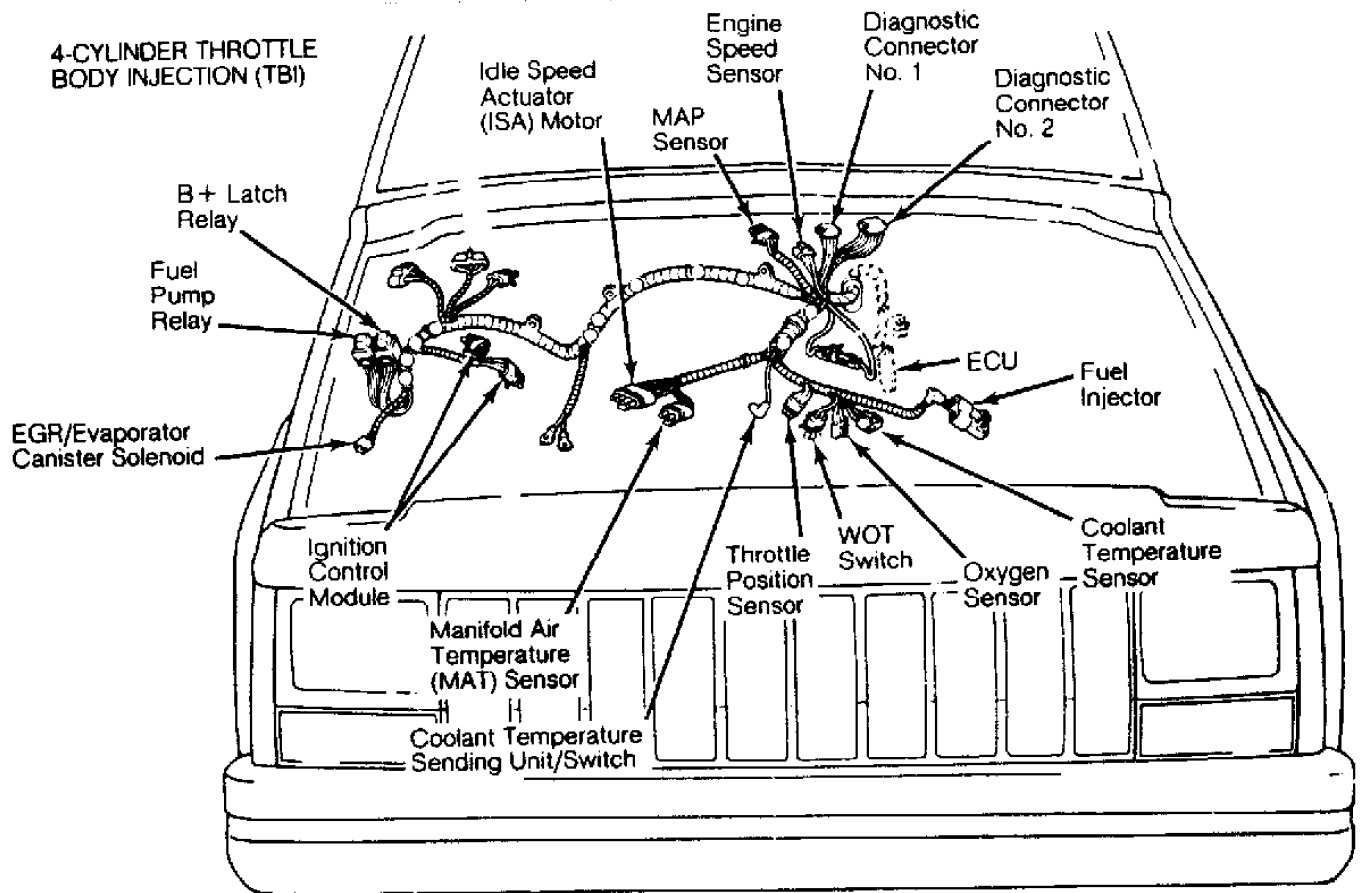
Fuse C	Taped to engine wiring harness, by alternator.
Fuse D	Taped to engine wiring harness, near power steering switch.
Cruise Control	Under left side of dash, near brake pedal.
Radio	Under center of dash, behind radio.

CONTROL UNITS

Component	Component Location
Audio Alarm Module	On side of fuse block.
Cruise Control Regulator Module	Under dash, above brake pedal.



Elect. Control Unit (ECU)	Under dash, above accelerator pedal.
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Ignition Control Module

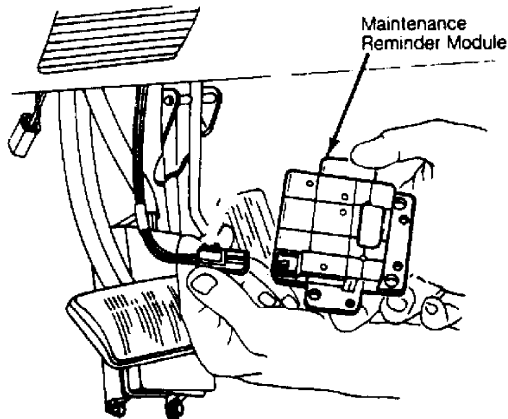
In engine compartment, on right wheelwell.

Intermittent Wiper Module

Under left side of dash, above brake pedal.

Keyless Entry Receiver

Between sun visors.



Maint. Reminder Module

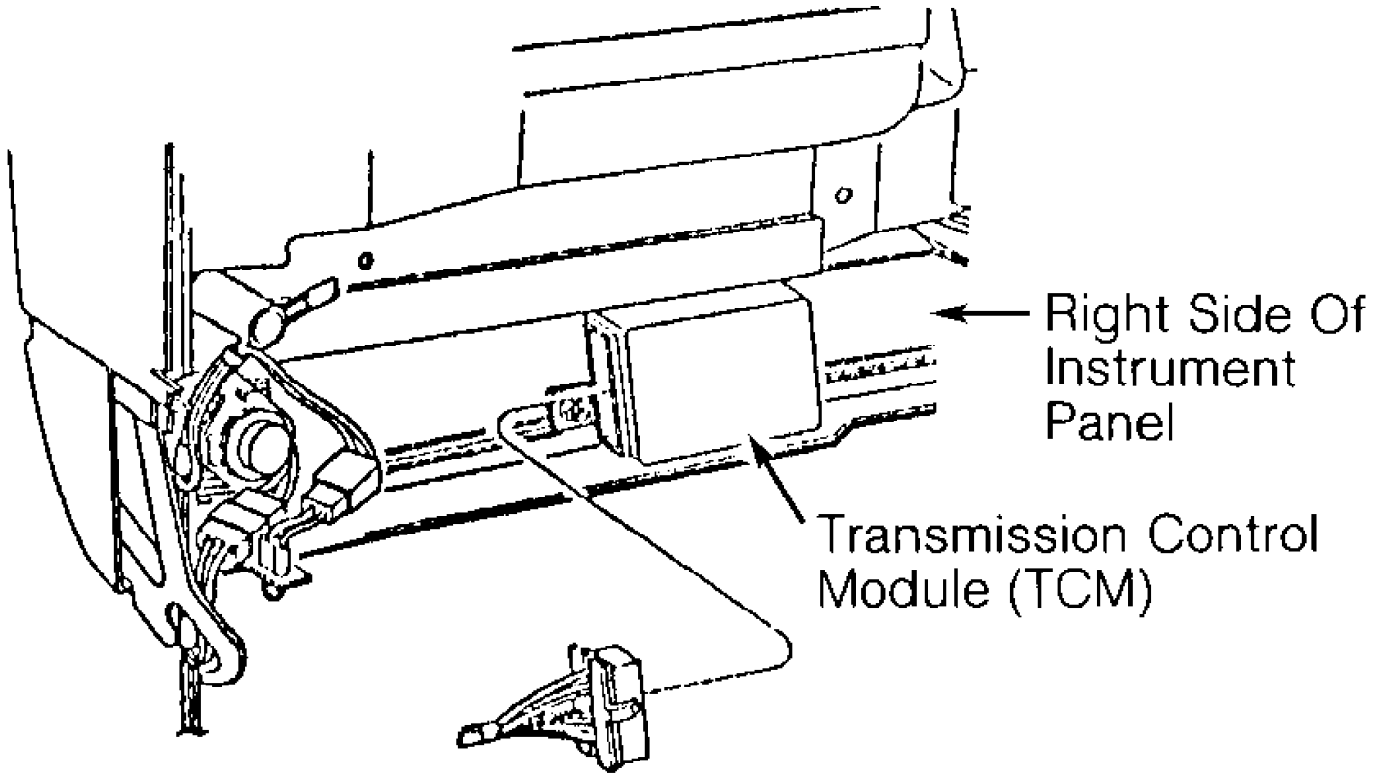
Under dash, to right of steering column.

Sentinel Light Module

Under left side of dash, near headlight switch.

System Sentry Control Module

Under dash, to right of steering column.



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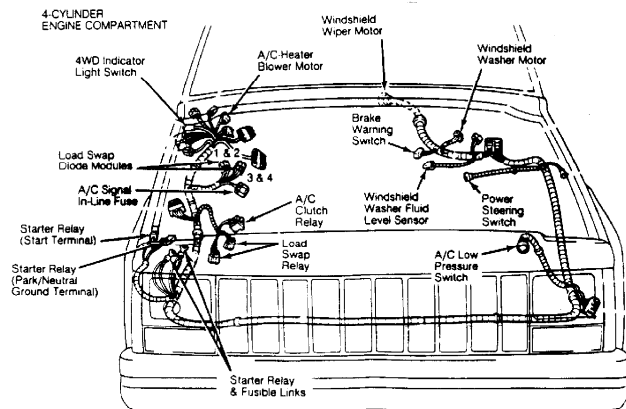
Transmission Control Module

Under right side of instrument panel.

MOTORS

Component

Component Location

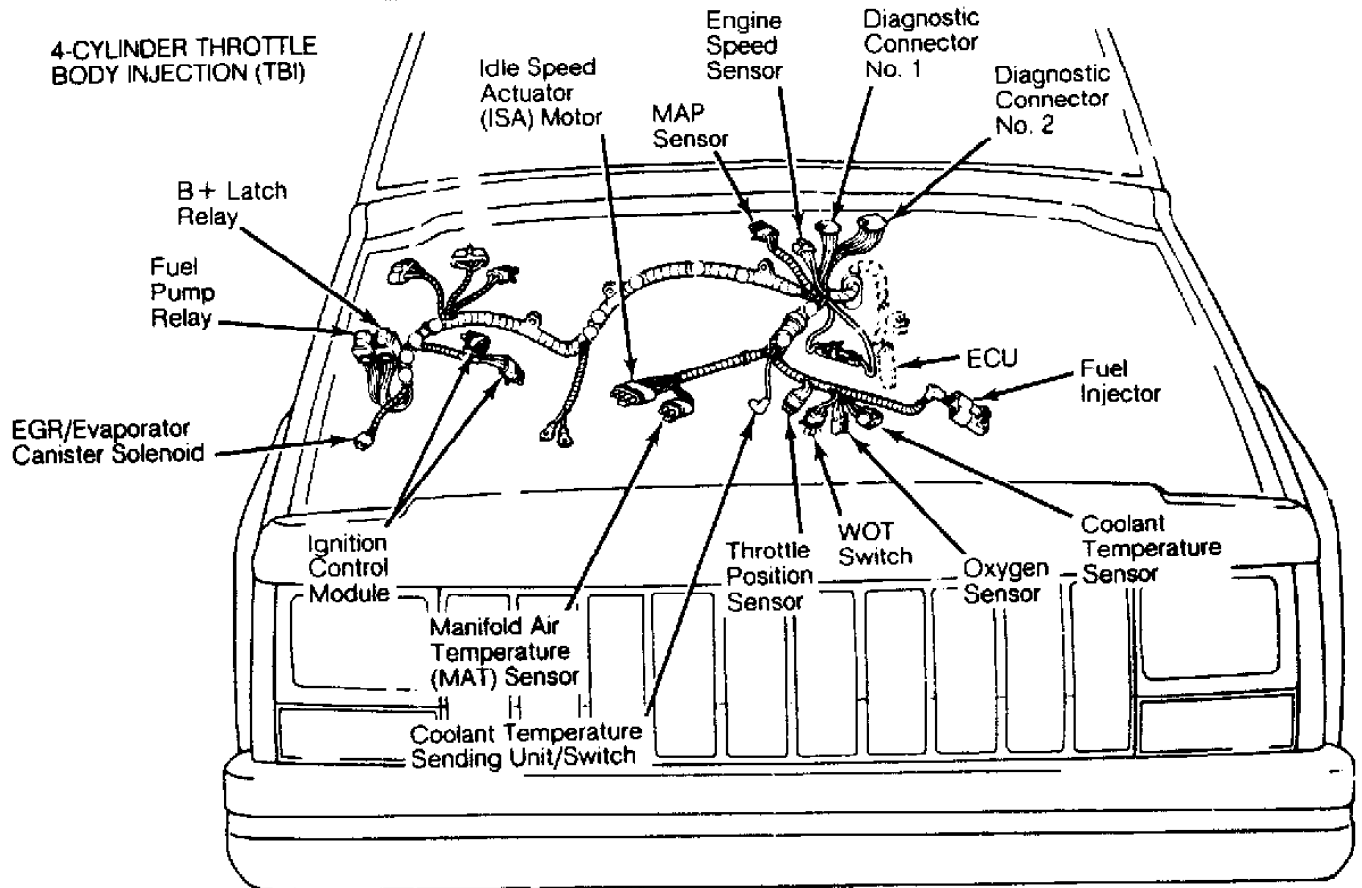


A/C-Heater Blower Motor

In evaporator housing.

Automatic Load Level Compressor

In right rear corner of engine compartment.



Idle Speed Actuator (ISA) Motor

On right side of throttle body.

Power Door Lock Motor

Behind trim panel in door.

Power Window Motor

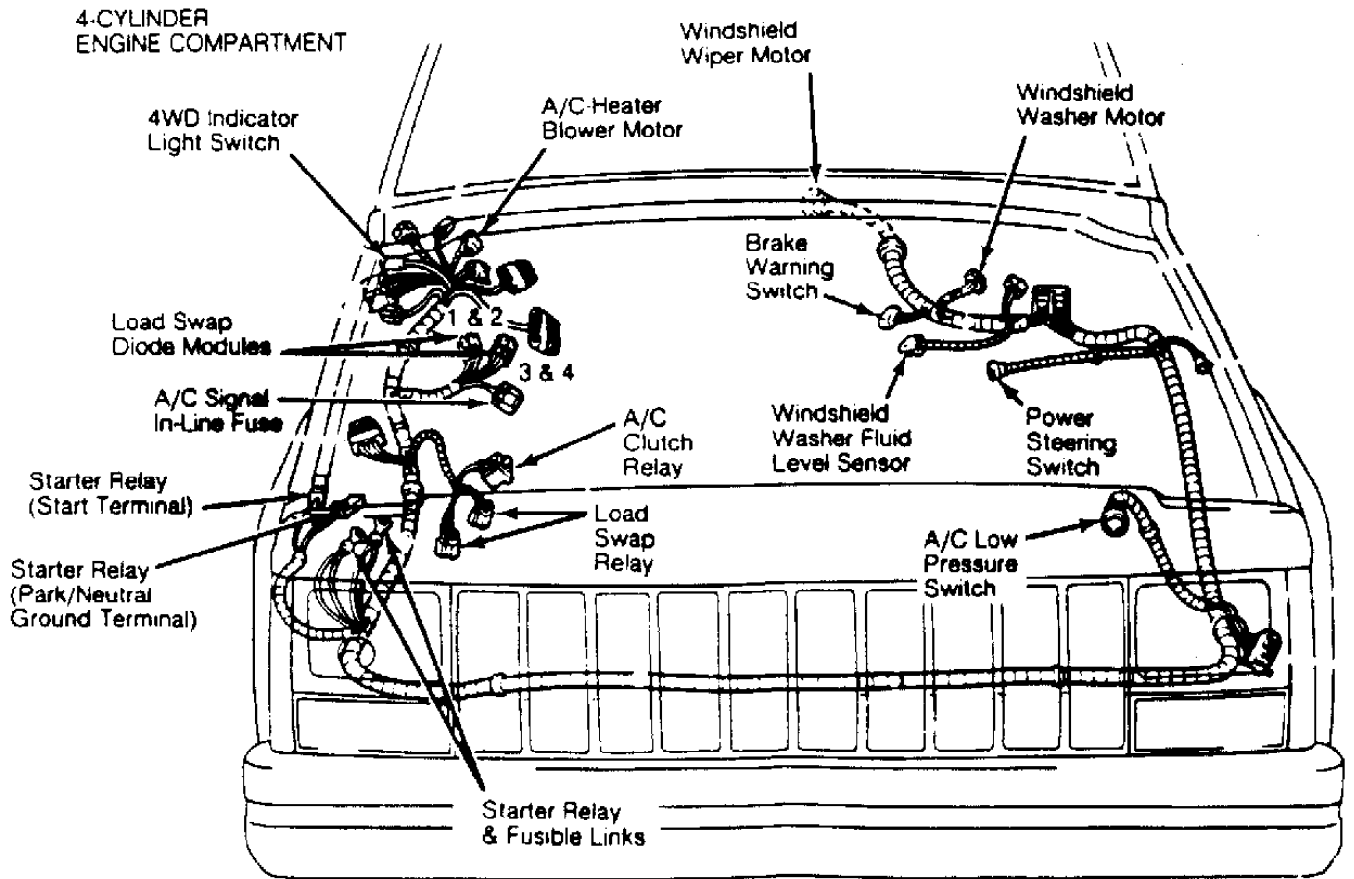
Behind trim panel, in center of door.

Rear Washer Motor

In left front corner of engine compartment.

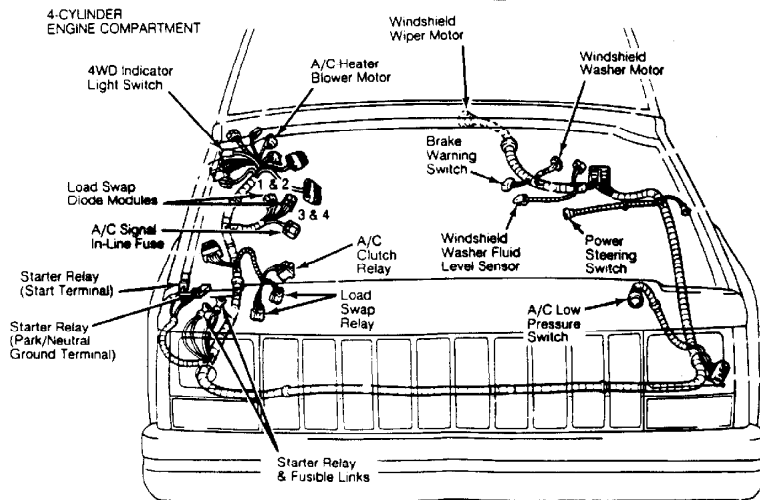
Rear Wiper Motor

Behind trim panel, in upper center of tailgate.



Windshield Washer Motor

On windshield washer reservoir.

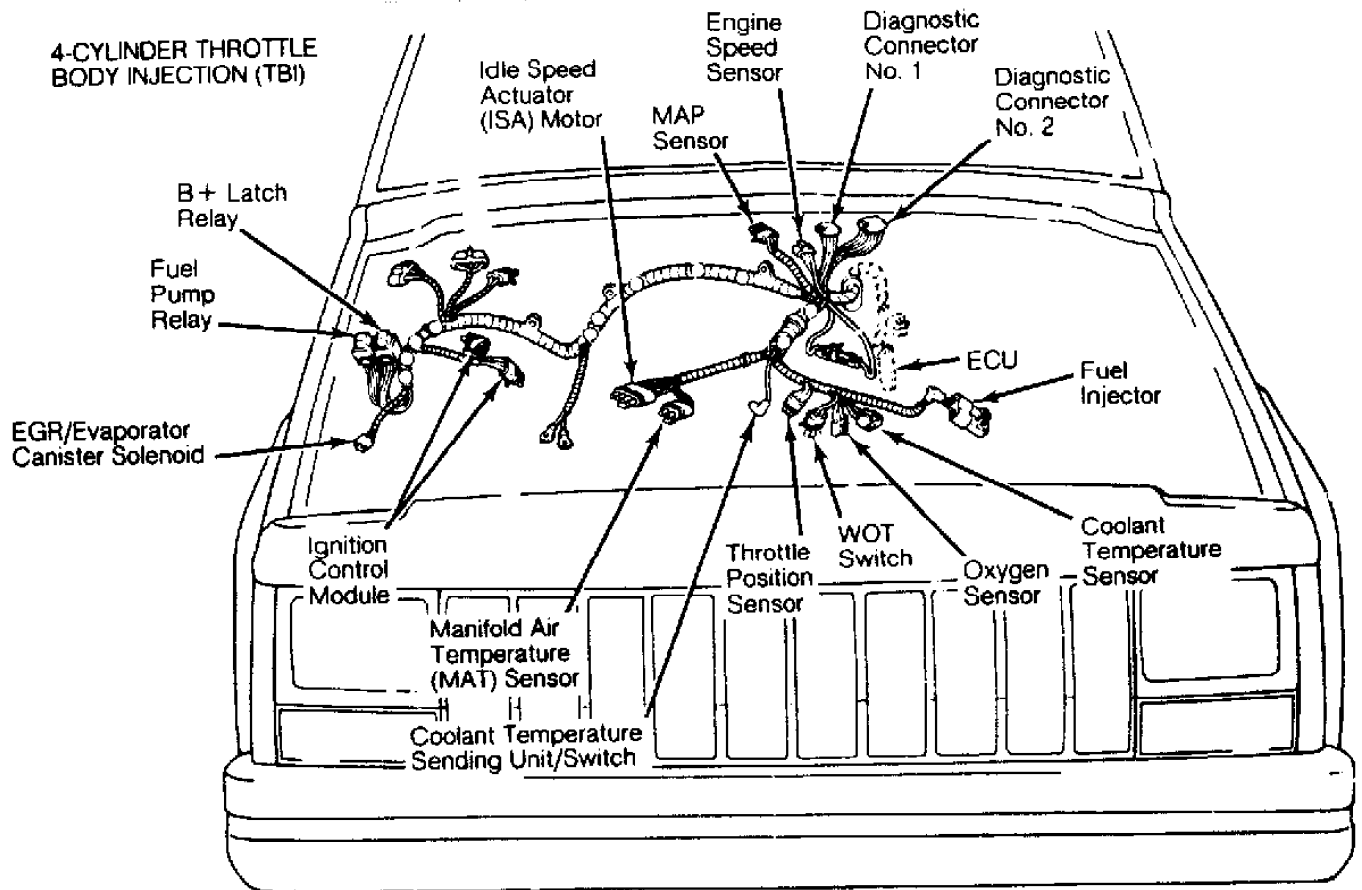


Windshield Wiper Motor

Under left side of cowl panel grille.

SENDING UNITS & SENSORS

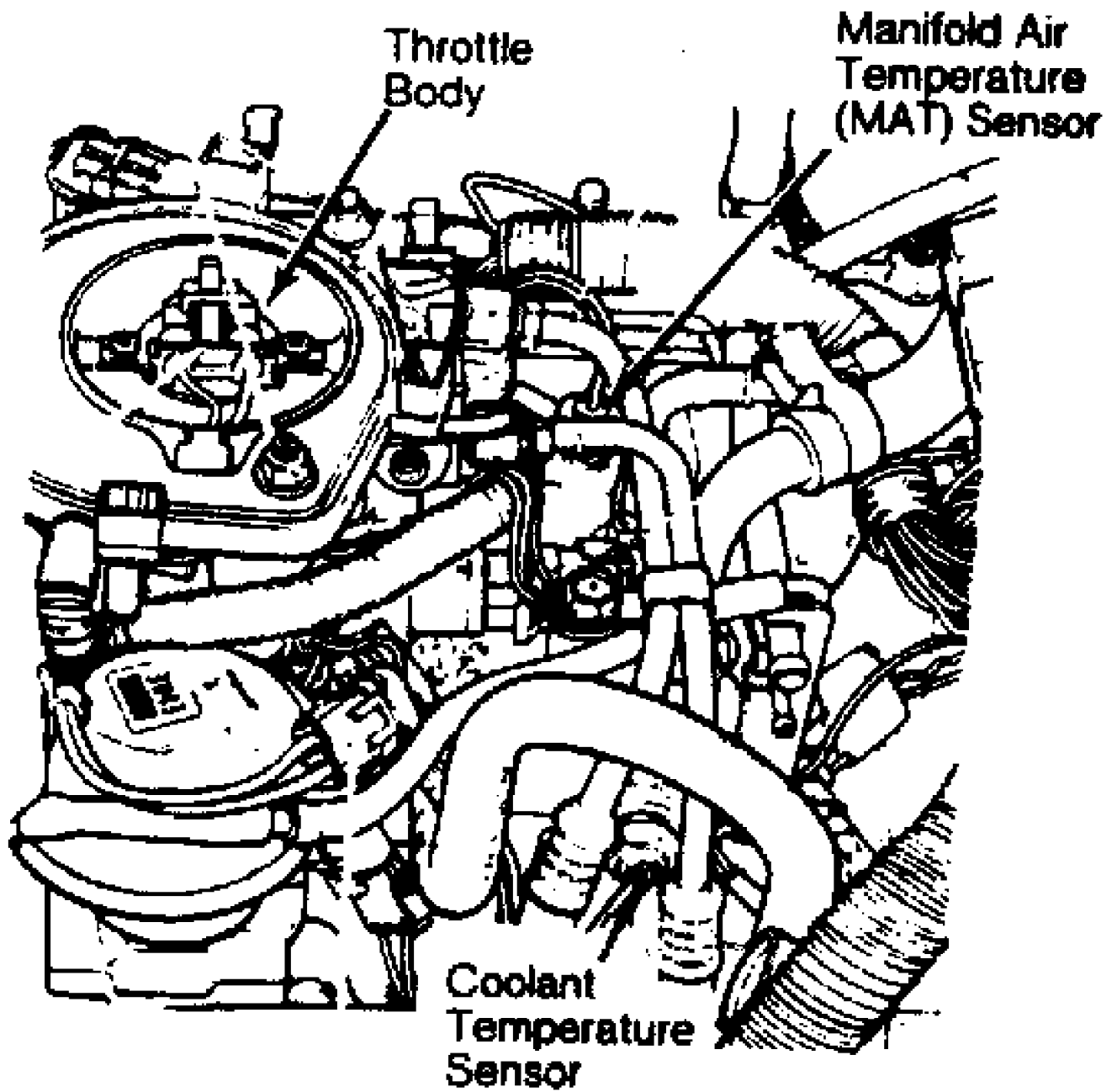
Component	Component Location
Automatic Load Leveling Sensor	On top of left rear axle.
Brake Pad Wear Sensors	In both inner front brake pads.
Coolant Temp. Sending Unit/Switch	



4-Cyl. On top left rear of cylinder head.

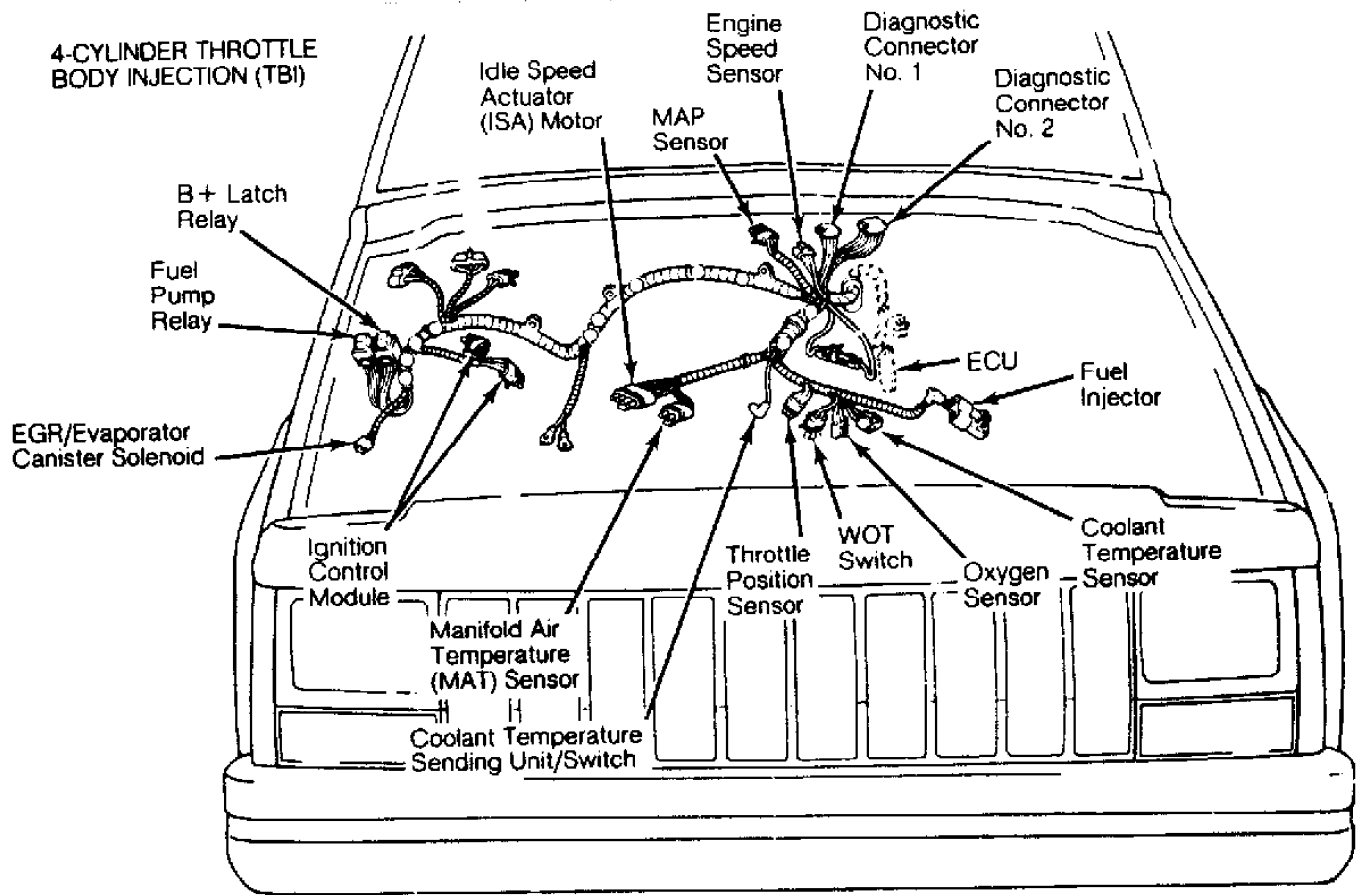
6-Cyl. On top front of cylinder head.

Coolant Temperature Sensor



4-Cyl. (Graphic 1)

In left rear side of intake manifold.



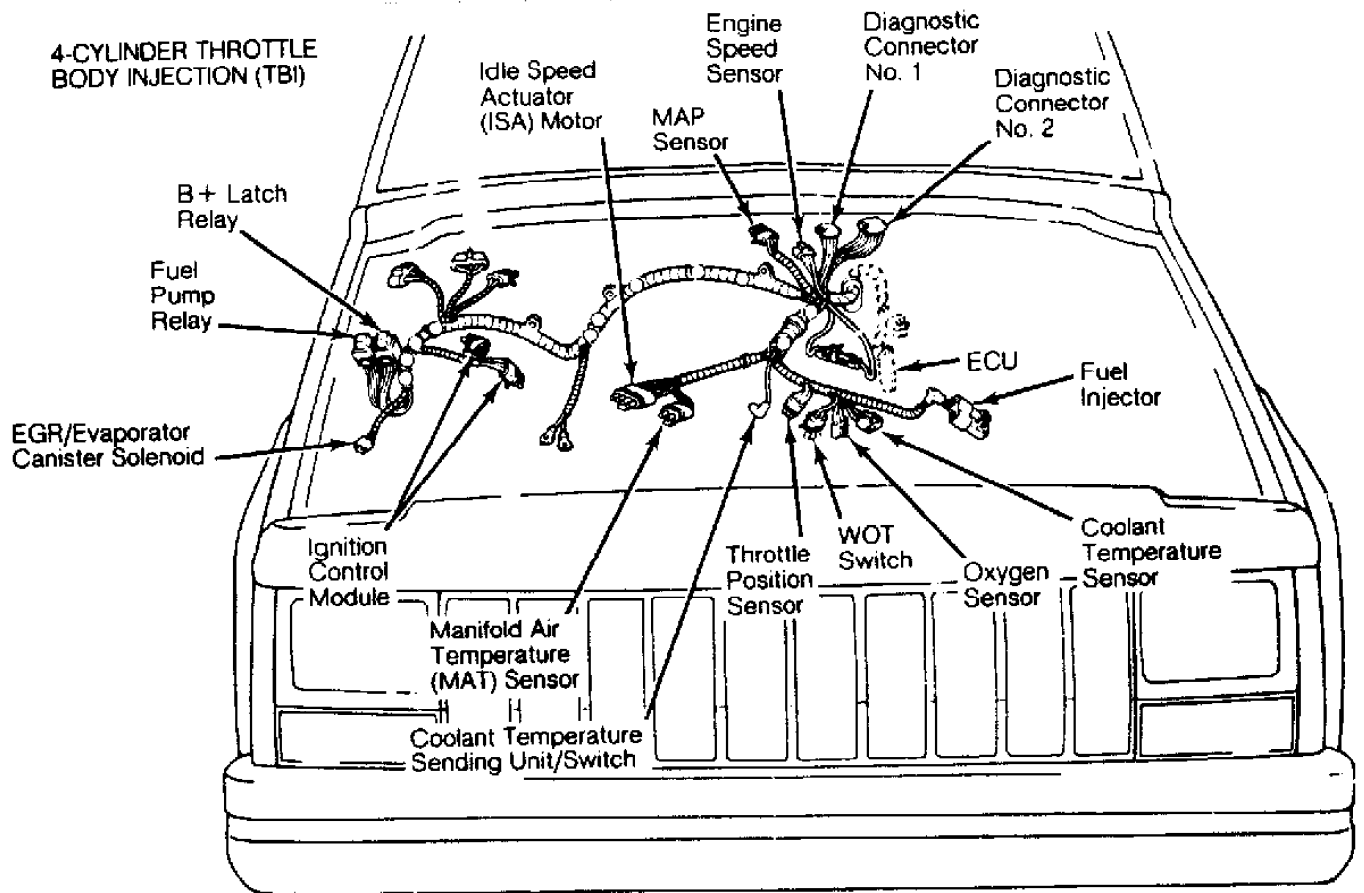
4-Cyl. (Graphic 2)

In left rear side of intake manifold.

6-Cyl.

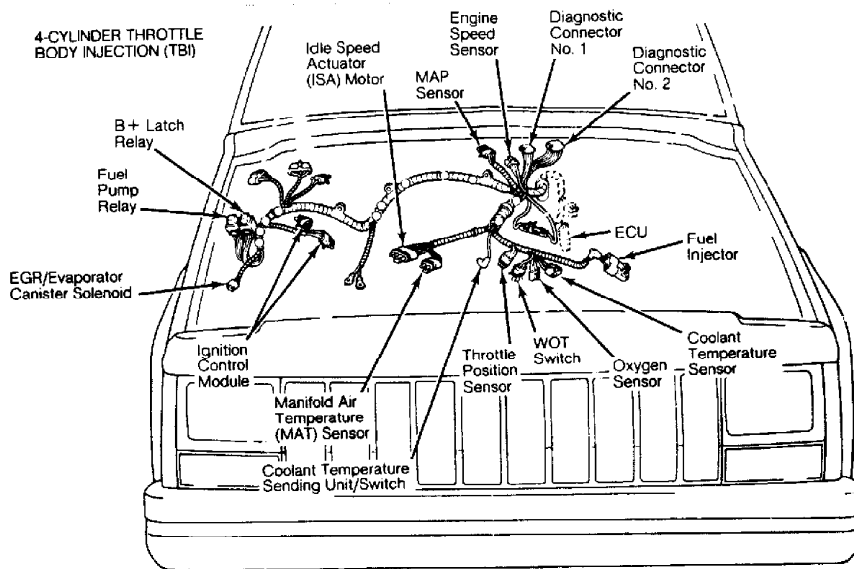
Left side of engine block, under intake manifold

Engine Speed Sensor



Automatic Transmission

On left side of torque converter clutch.



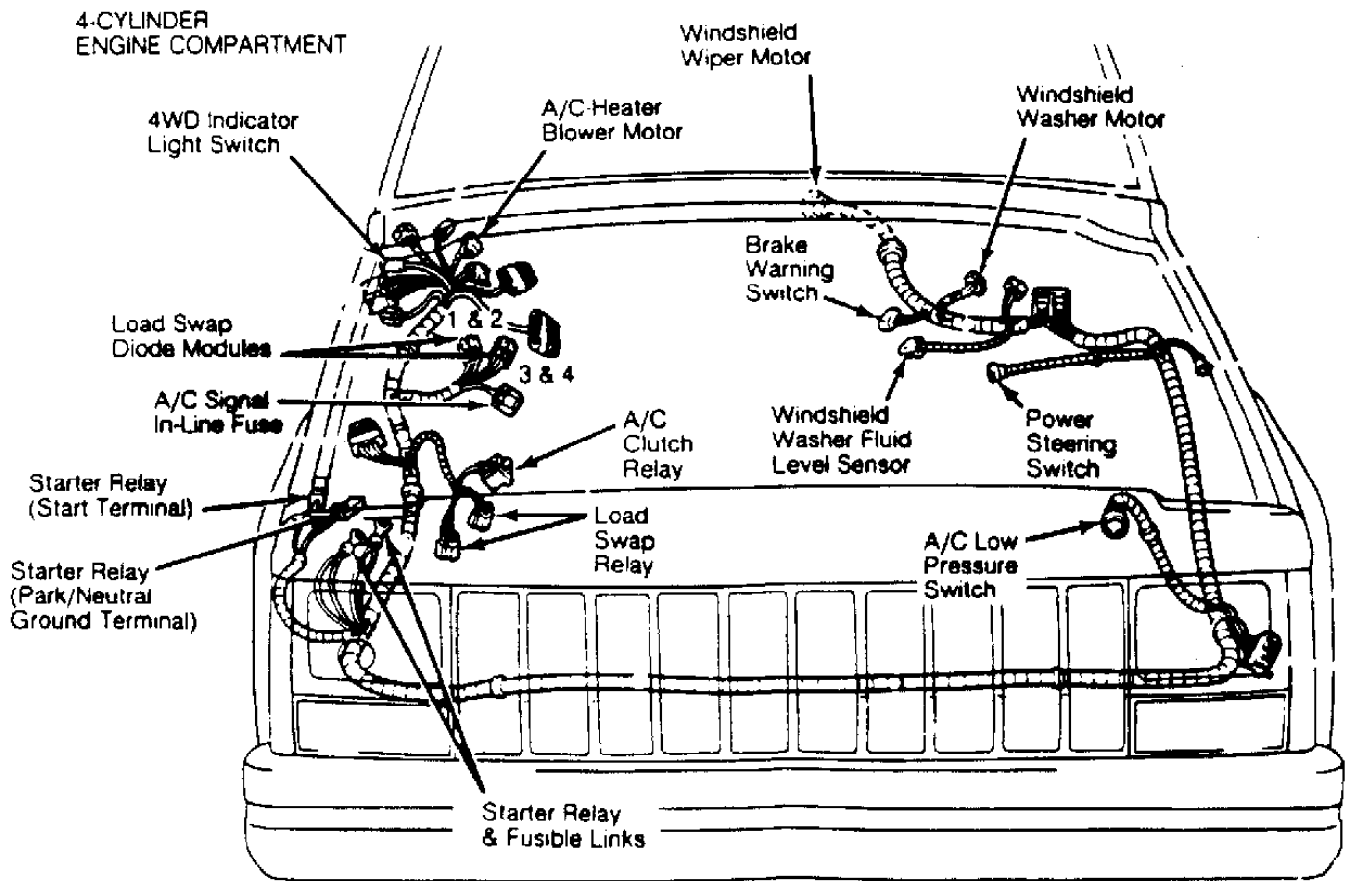
Manual Transmission

On left side of bellhousing.

Fluid Level Sensors
Brake Fluid

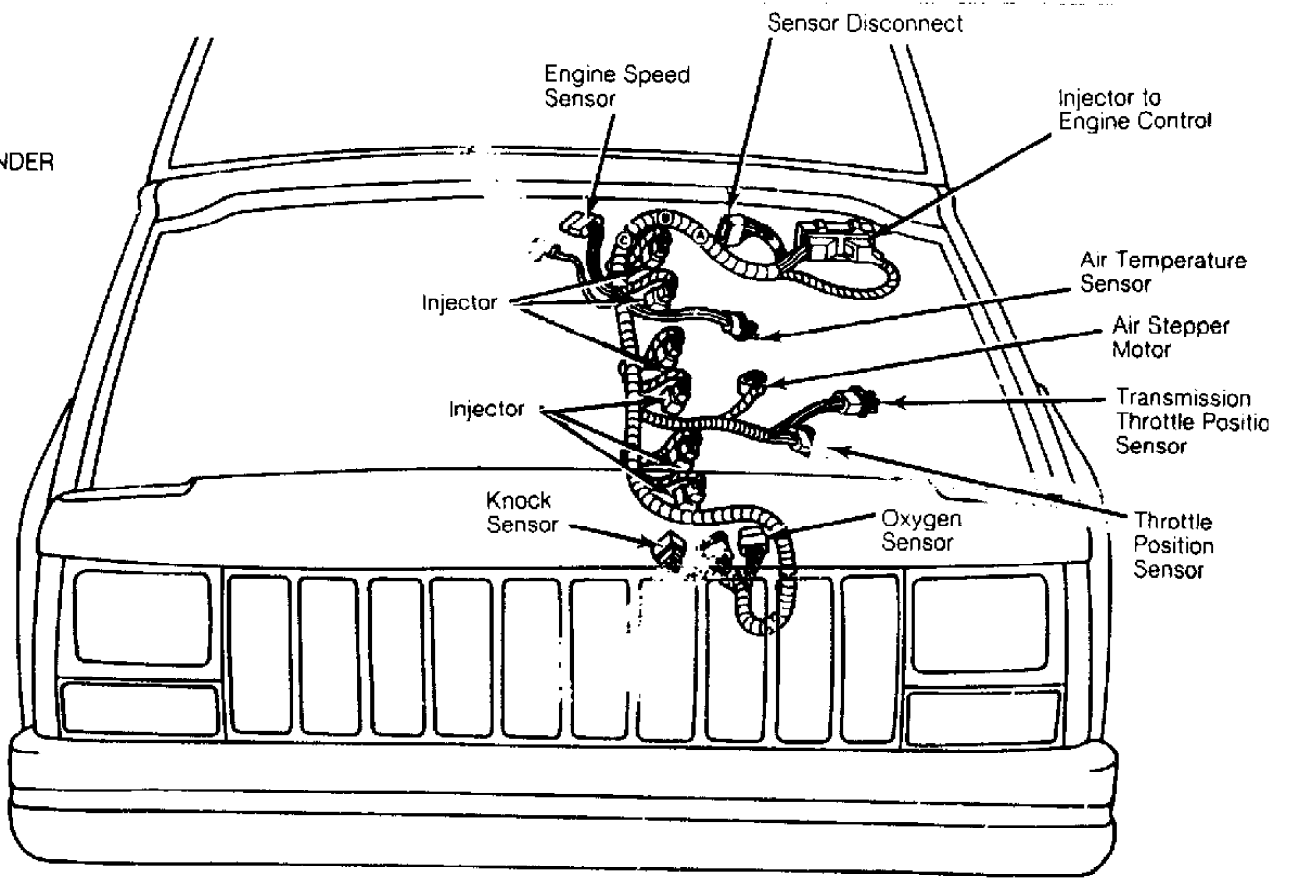
In master cylinder.

Engine Coolant	In coolant overflow bottle.
Engine Oil	In oil pan.
Front/Rear Axles	On front/rear of differential.
Power Steering	In power steering pump reservoir.
Transfer Case	In rear portion of transfer case.
Transmission	On fill plug (M/T) or dipstick (A/T).



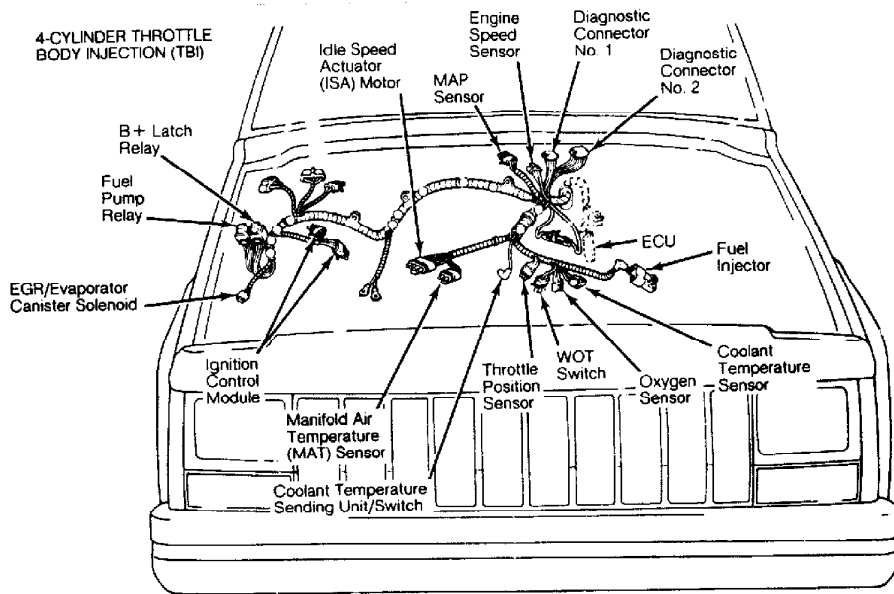
Windshield Washer	On bottom of windshield washer reservoir.
Fuel Gauge Sending Unit	In fuel tank.

6-CYLINDER
MPFI



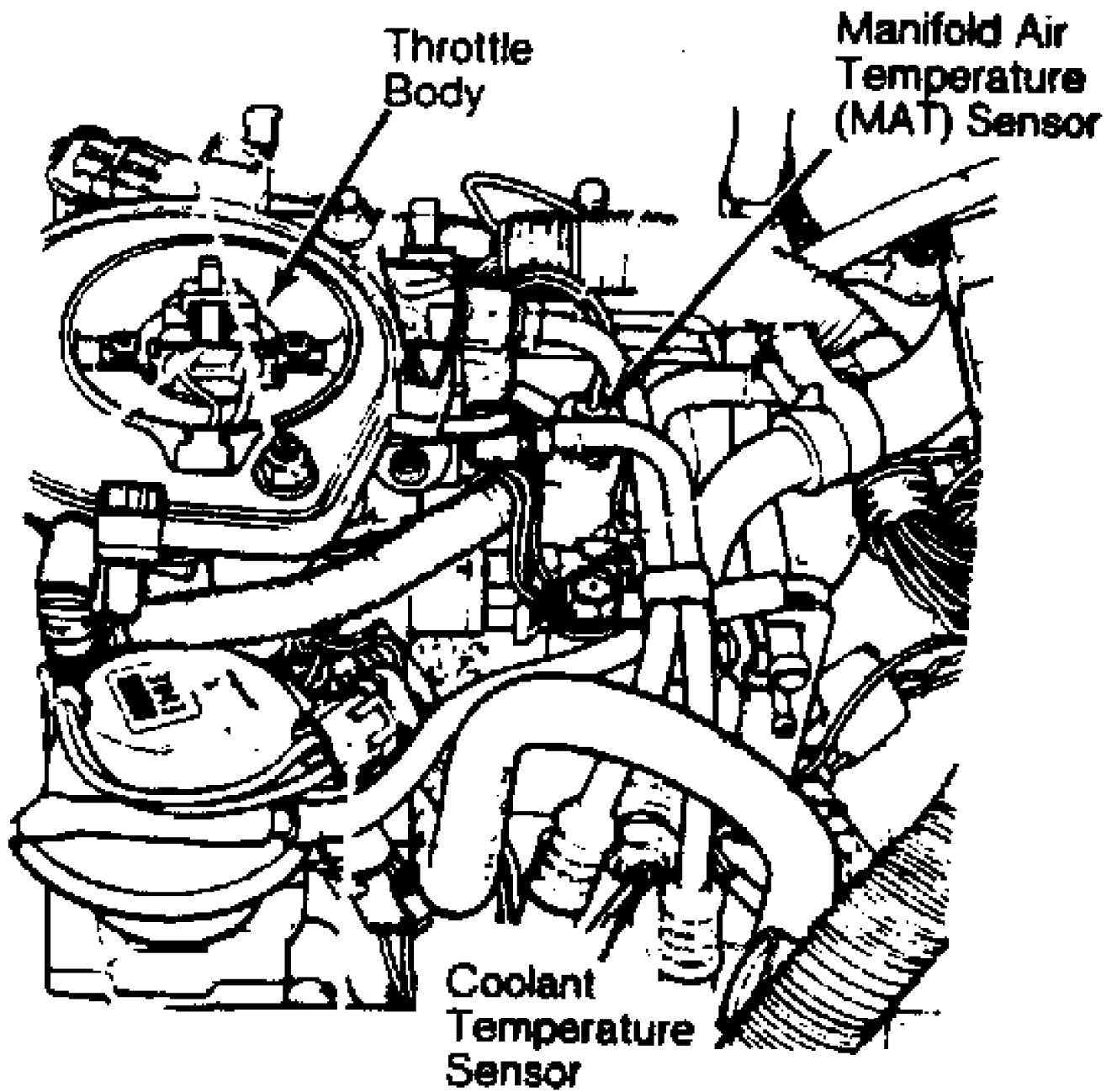
Knock Sensor

On lower front of engine.



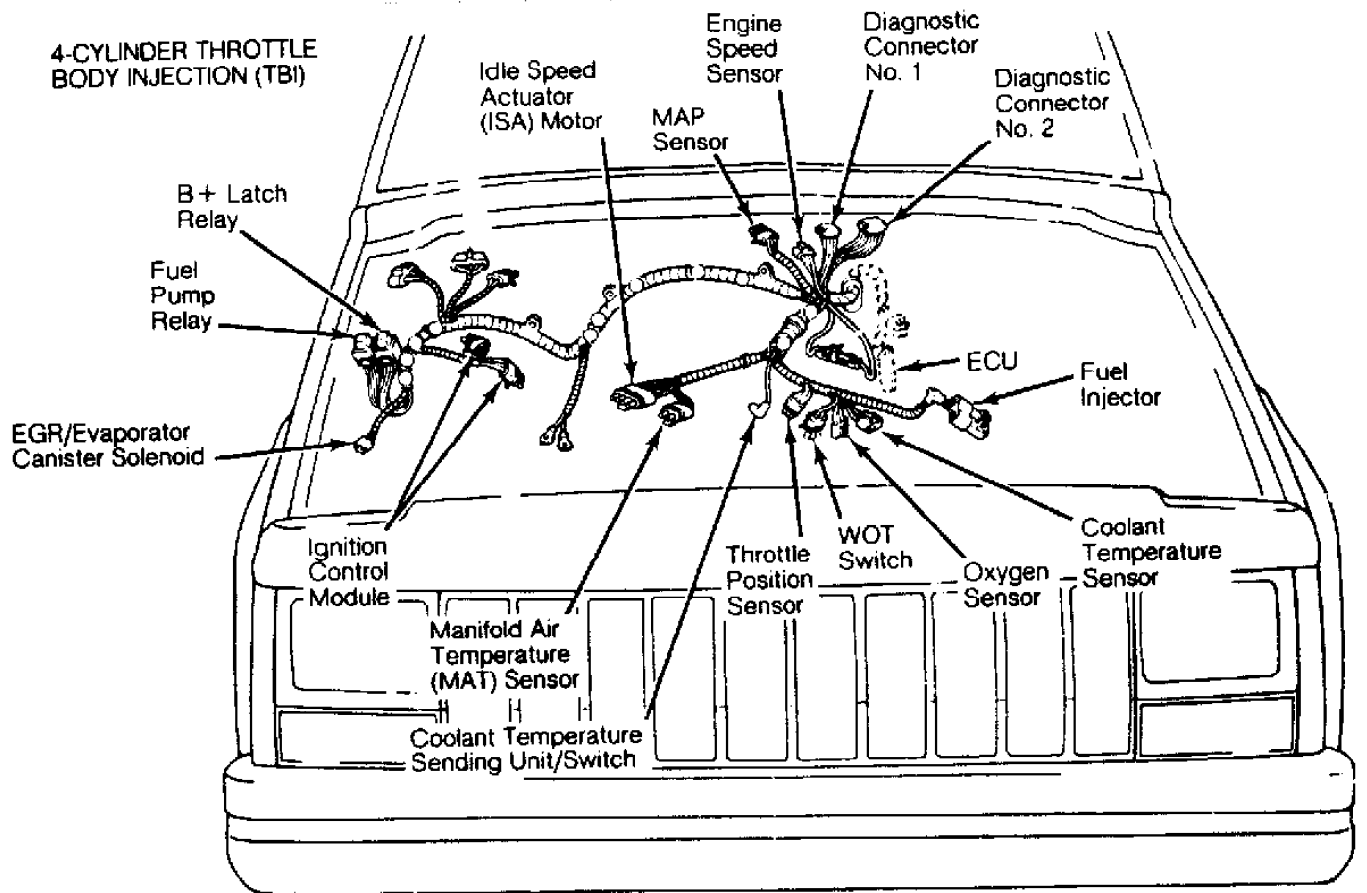
Manifold Absolute Pressure
(MAP) Sensor

In engine compartment, on
center of firewall.



Manifold Air Temperature
(MAT) Sensor (Graphic 1)

On upper rear of intake
manifold.

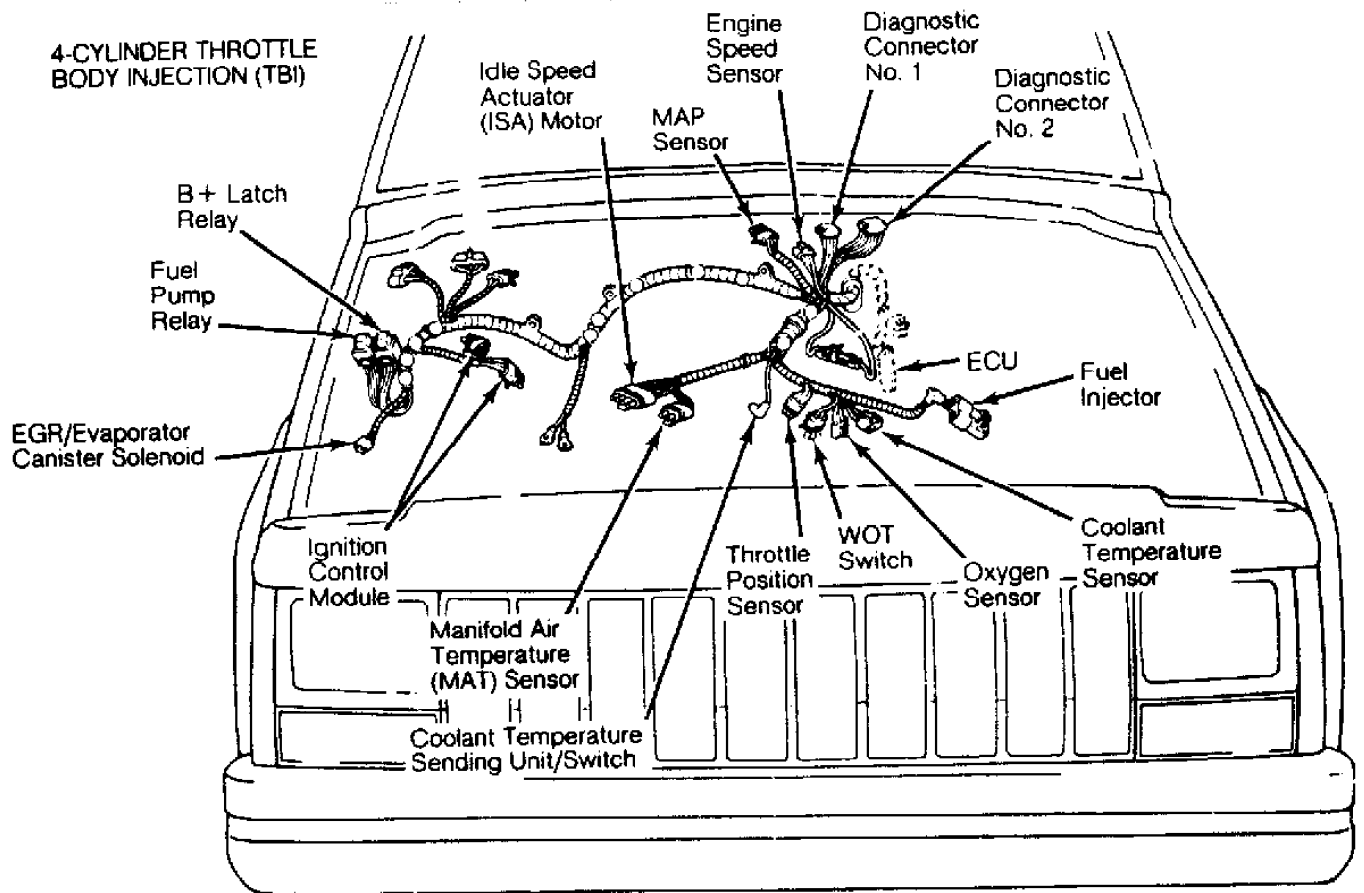


Manifold Air Temperature (MAT) Sensor (Graphic 2)

On upper rear of intake manifold.

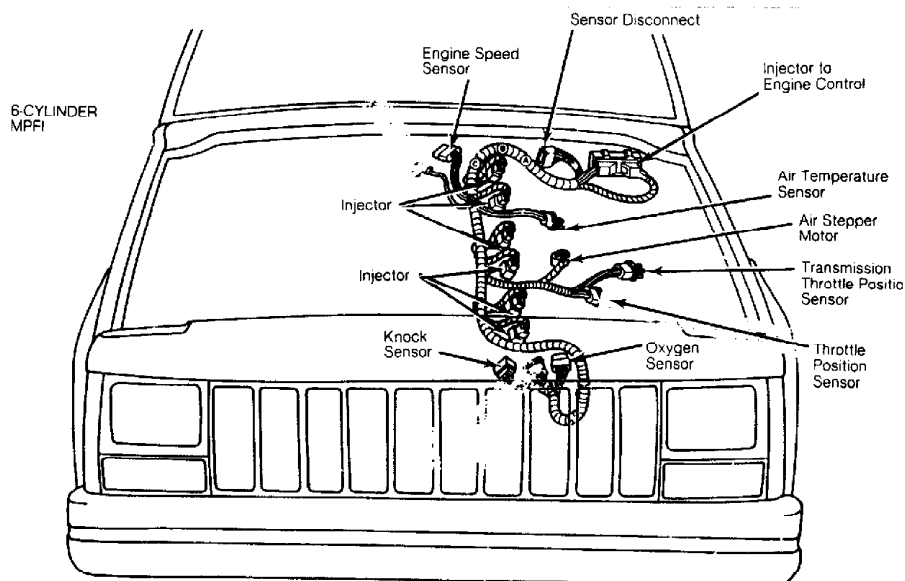
Oil Pressure Sending Unit/Switch

On right side of block, near distributor.



Oxygen Sensor (Graphic 1)

In exhaust manifold, near exhaust pipe flange.



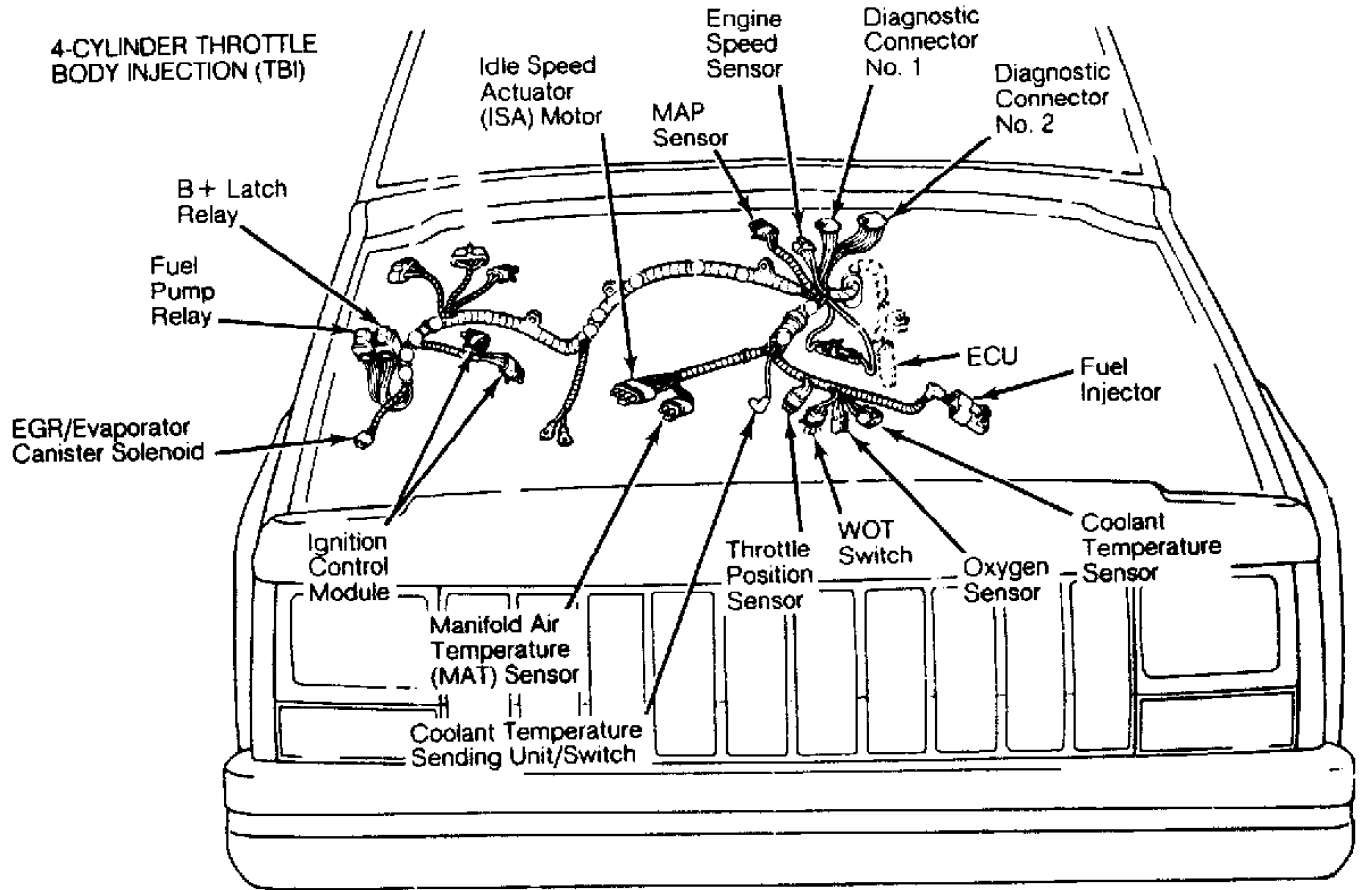
Oxygen Sensor (Graphic 2)

In exhaust manifold, near exhaust pipe flange.

Road Speed Sensor

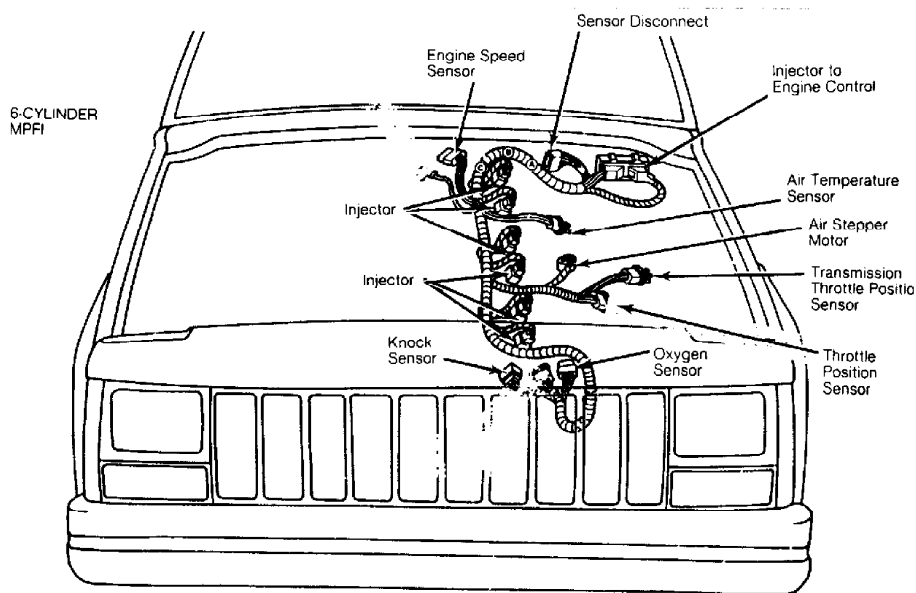
Under instrument cluster, in

speedometer cable.



Throttle Position Sensor (TPS) (Graphic 1)

On throttle body.



Throttle Position Sensor (TPS) (Graphic 2)

On throttle body.

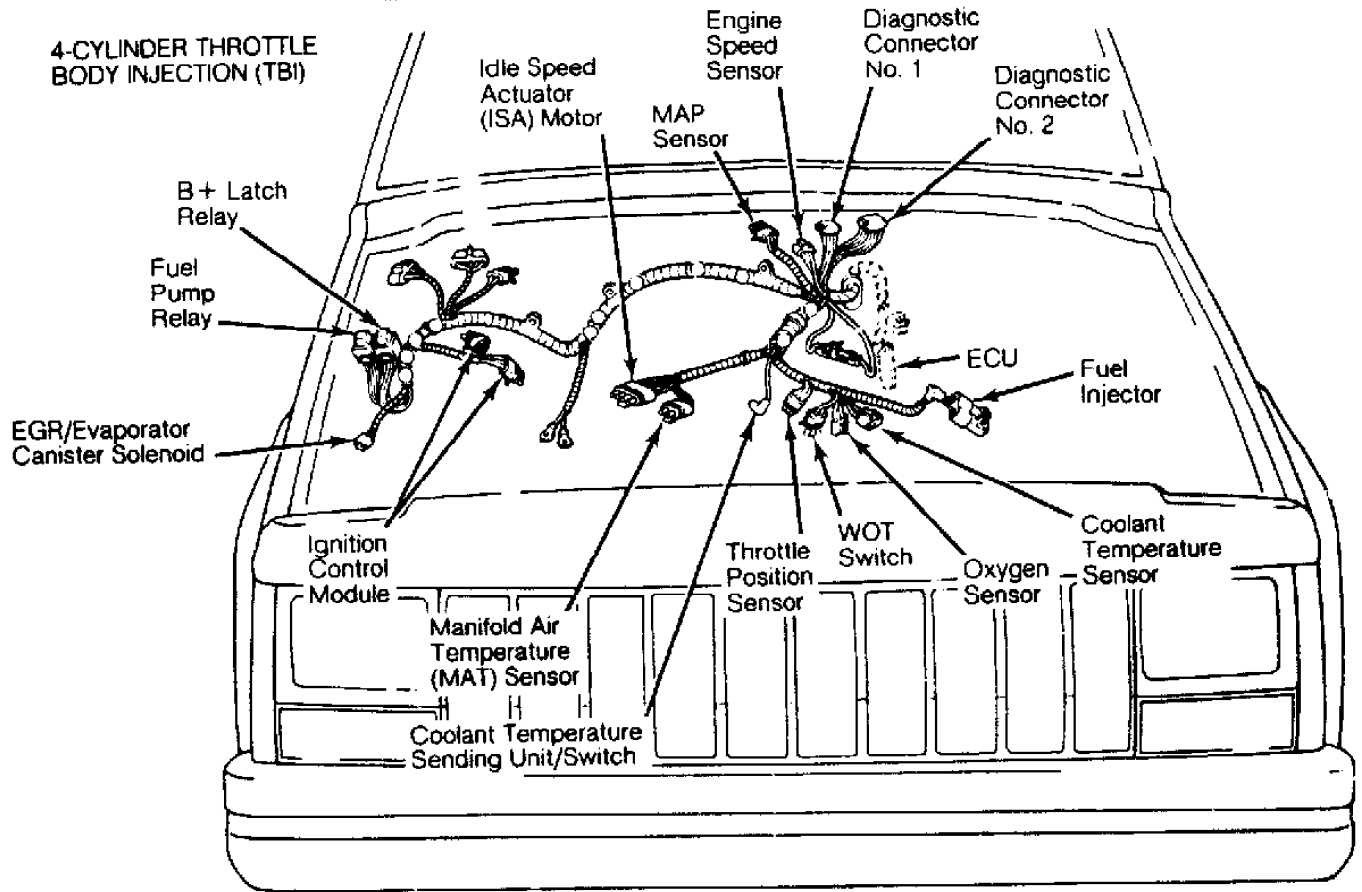
SOLENOIDS & SOLENOID VALVES

Component

Component Location

Air Diverter Solenoid

On right rear side of engine compartment.



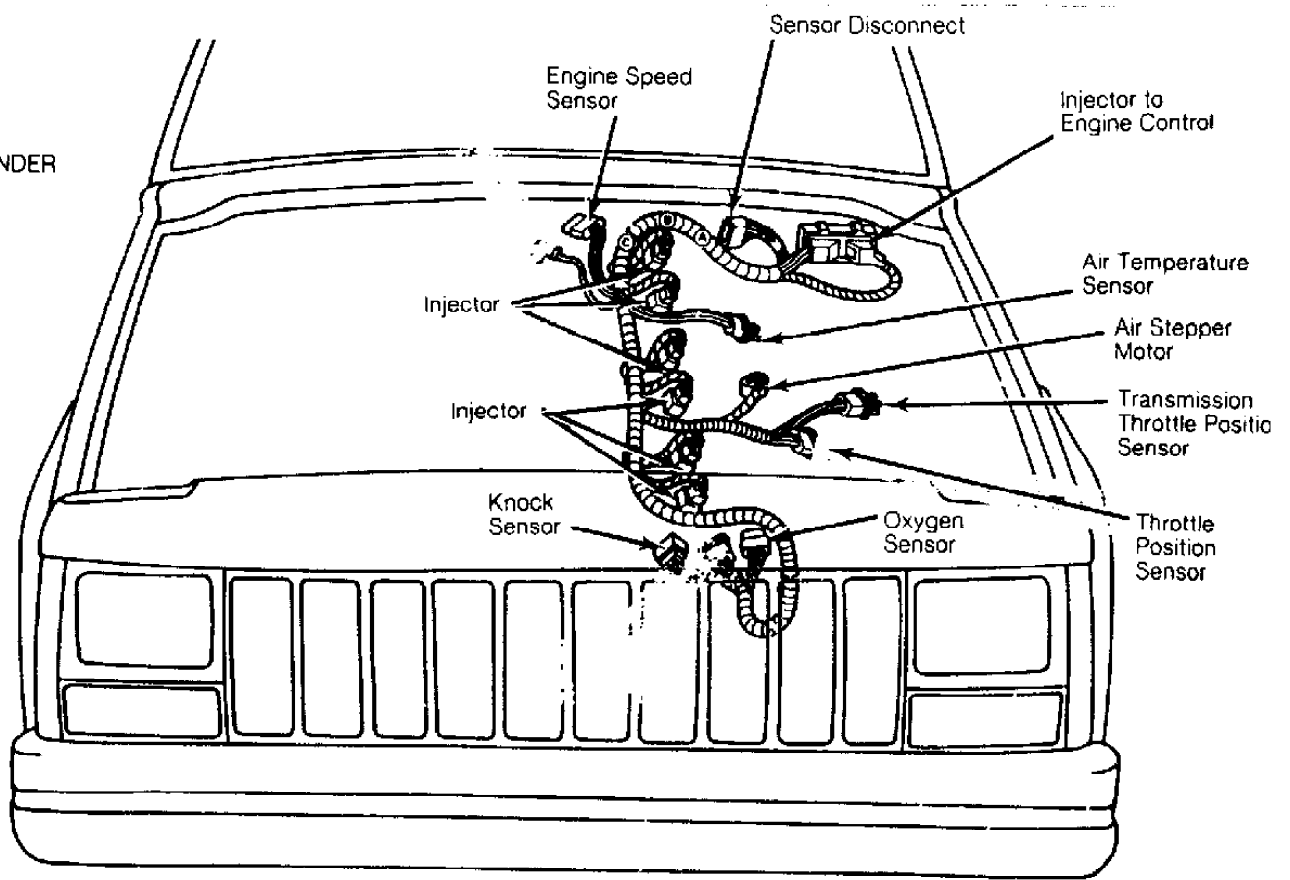
EGR/Evaporator
Canister Solenoid

On middle of right front
wheelwell.

Idle Step-Up Solenoid

On top fuel injection pump
bracket.

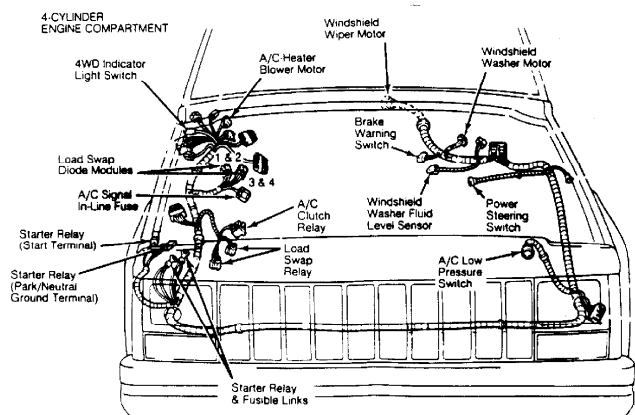
6-CYLINDER
MPFI



Mixture Control Solenoid	On carburetor, near fuel line.
Shift Kicker Solenoid	On left front wheelwell.

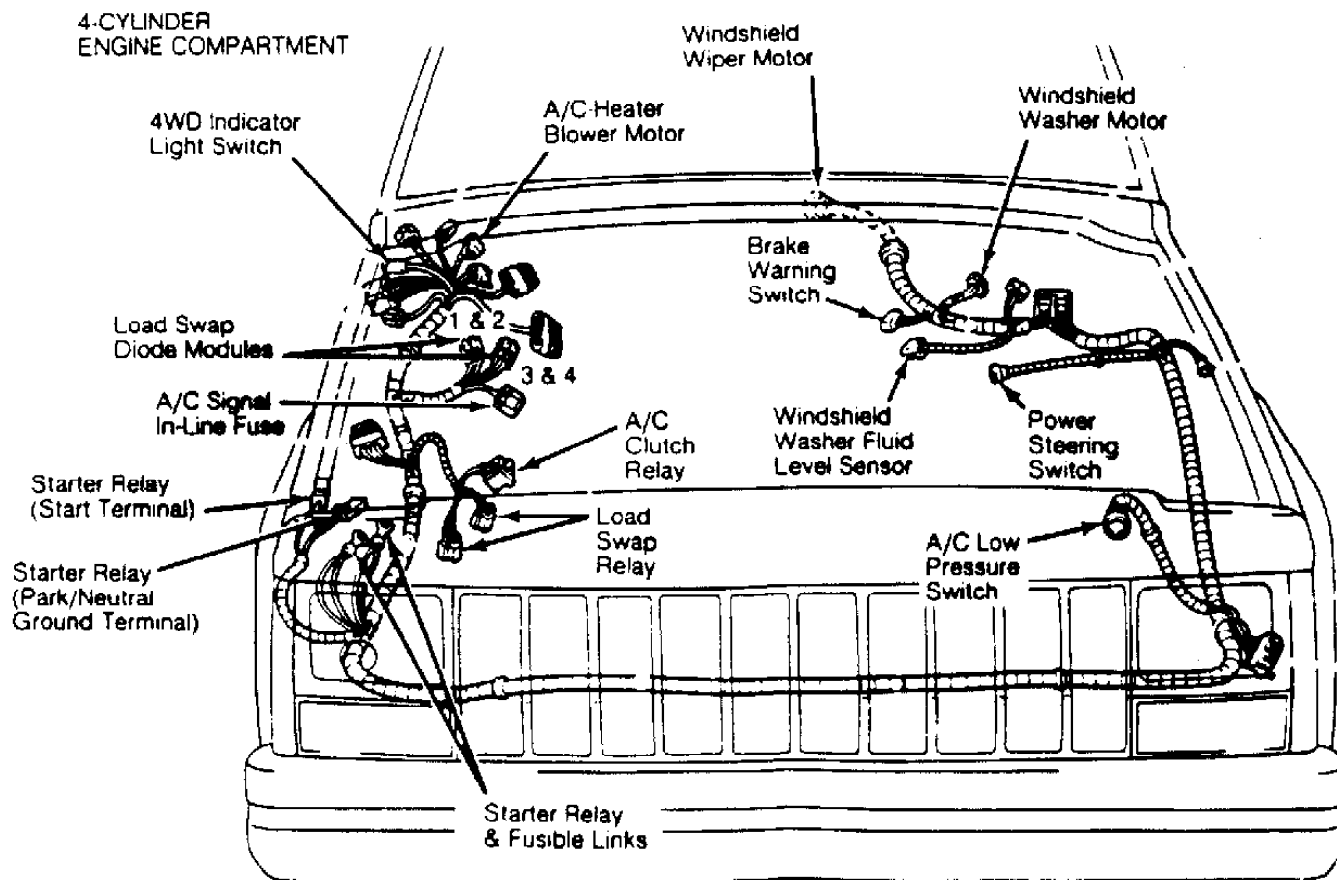
SWITCHES

Component	Component Location
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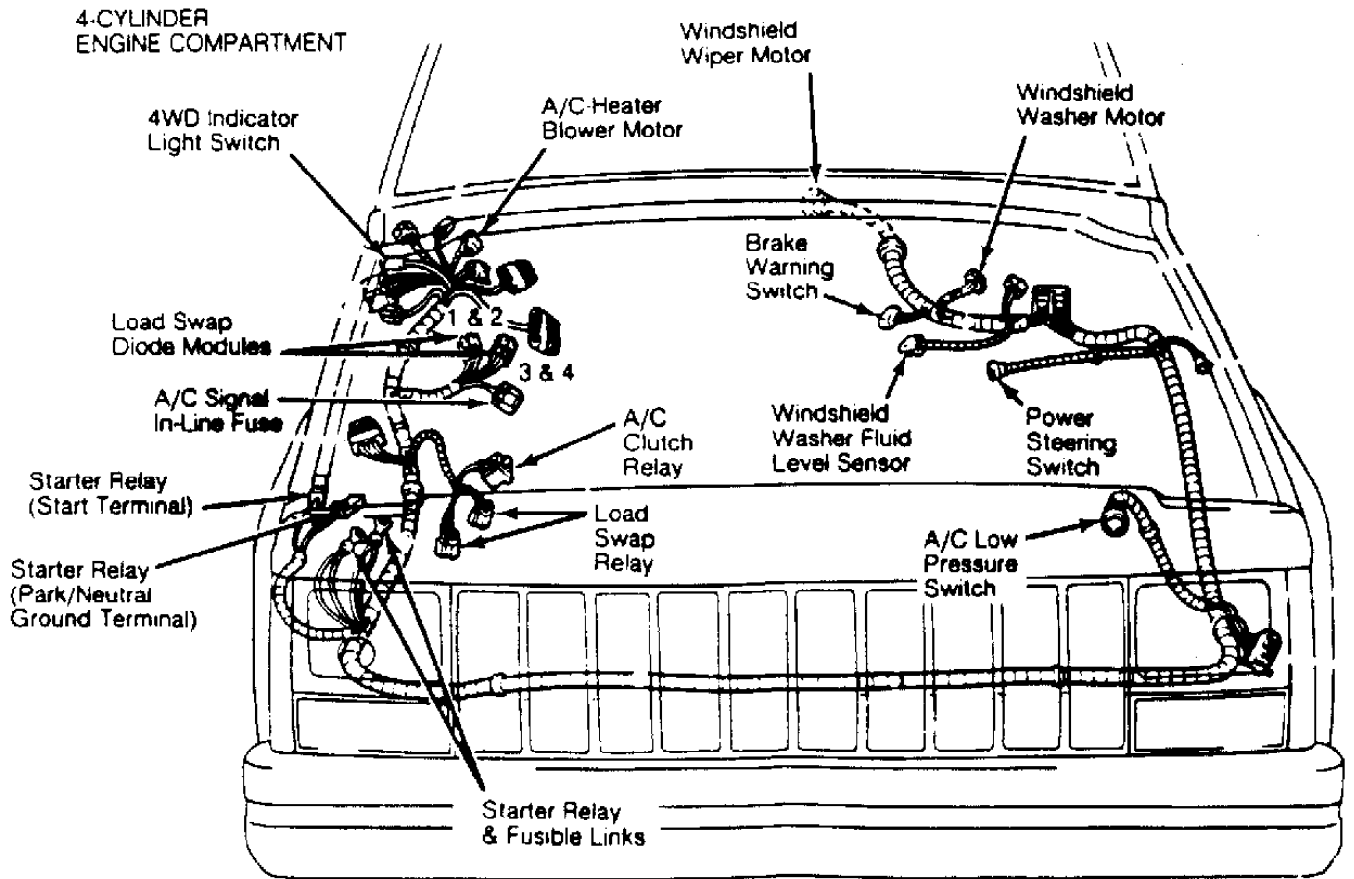


A/C Low Pressure Switch	On top left side of radiator.
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Automatic Load Leveling Sw.	On compressor bracket, in engine compartment.
Back-Up Light Sw. (Man. Trans.)	On left side of transmission case.
Back-Up/Neutral Sw. (Auto. Trans.)	On left side of transmission case.
Brake/Stop Light (Cruise) Switch	On brake pedal bracket.



Brake Warning Switch	On brake pressure differential valve, below master cylinder.
Closed Throttle (Idle) Switch	An integral part of ISA motor.
Command Track Switch	On left side of transmission.
Parking Brake Switch	Under center console, at base of parking brake lever.



Power Steering
Switch (4-Cyl.)

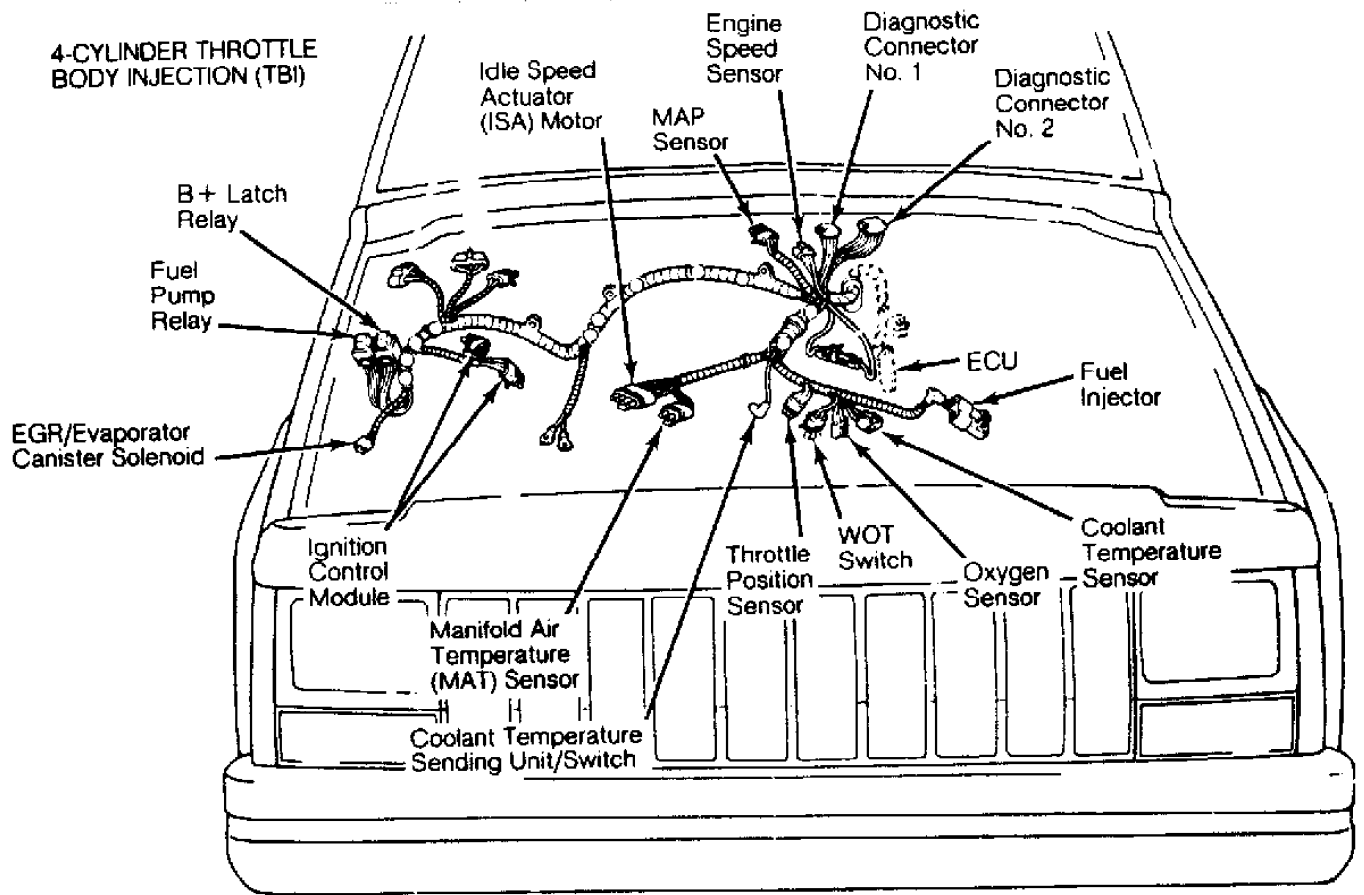
On left side of power steering
pump.

Seat Belt Switch

In driver's seat belt buckle.

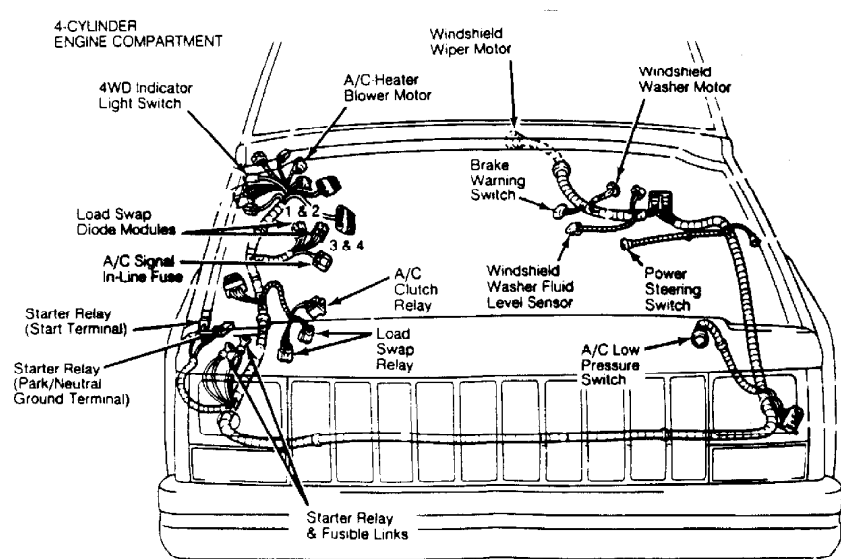
Select Trac Switch

On left side of transmission.



WOT Switch

On bracket, with ISA motor.



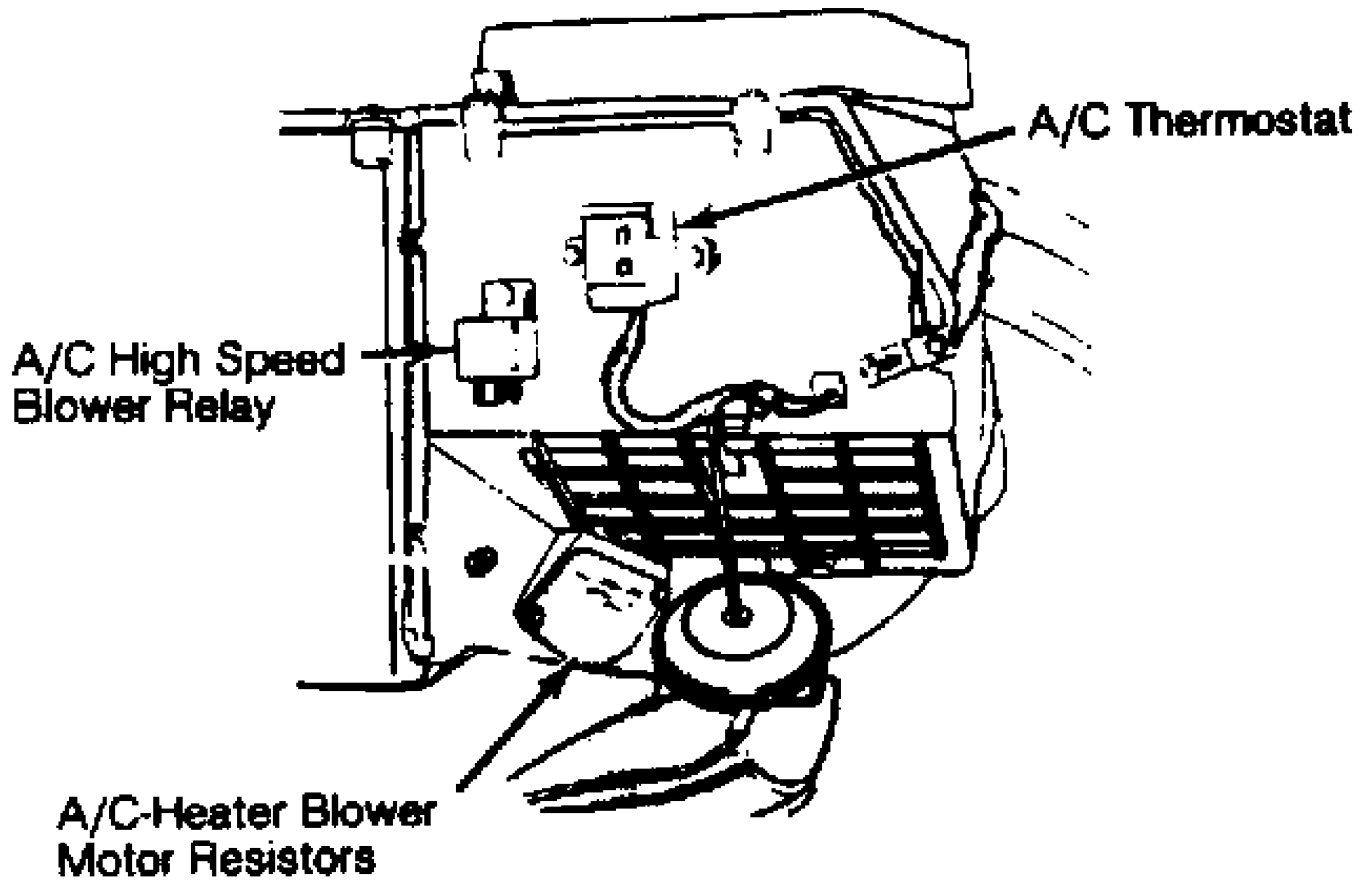
4WD Indicator Light Switch

In right rear corner of engine compartment.

MISCELLANEOUS COMPONENTS

Component	Component Location
A/C Blocking Diode	Taped to engine wiring harness, above left wheelwell.
A/C Clutch Diode	On A/C compressor.

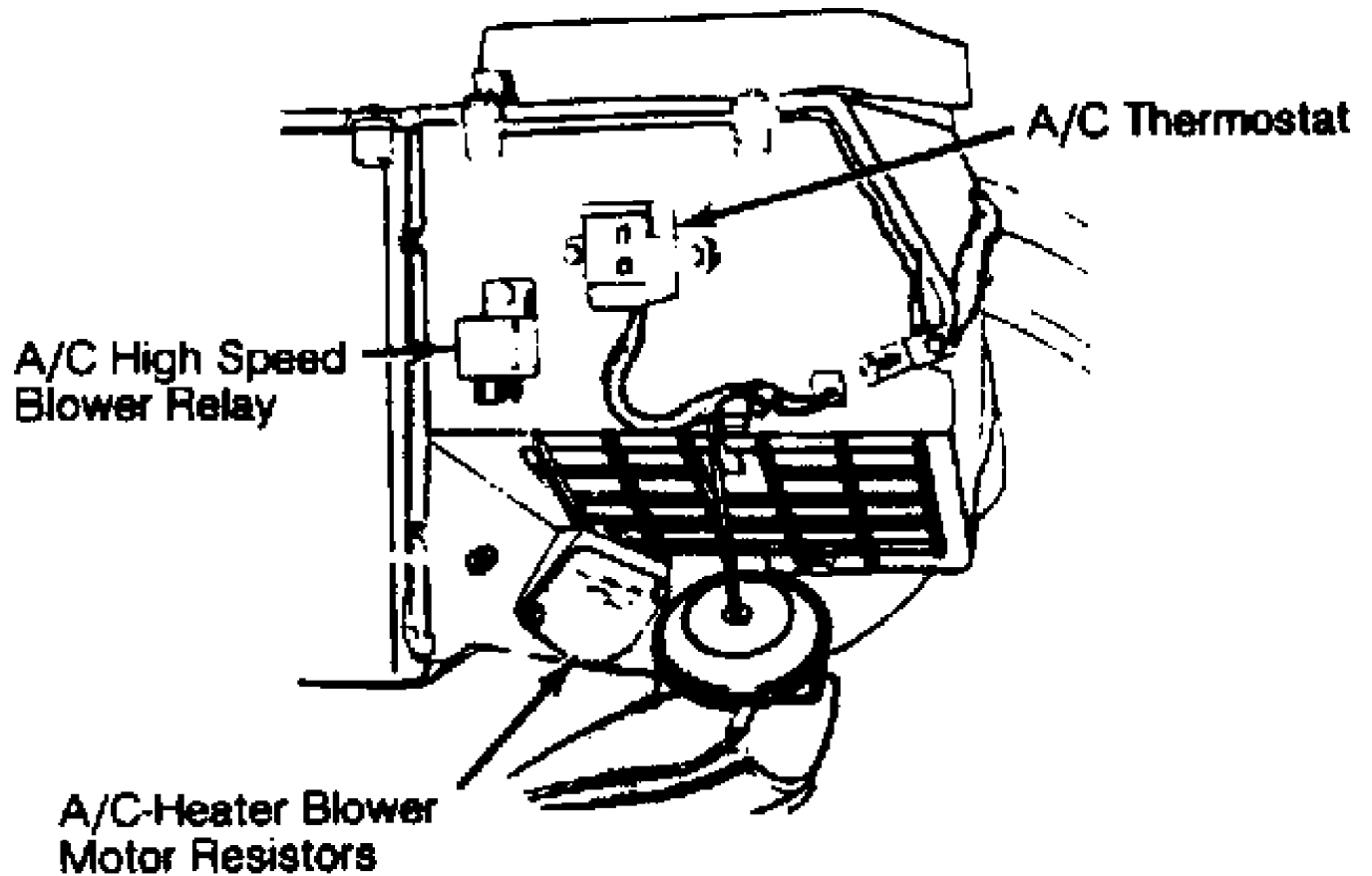
GASOLINE



A/C-Heater Blower
Motor Resistors

Under right side of dash, on
evaporator housing.

GASOLINE

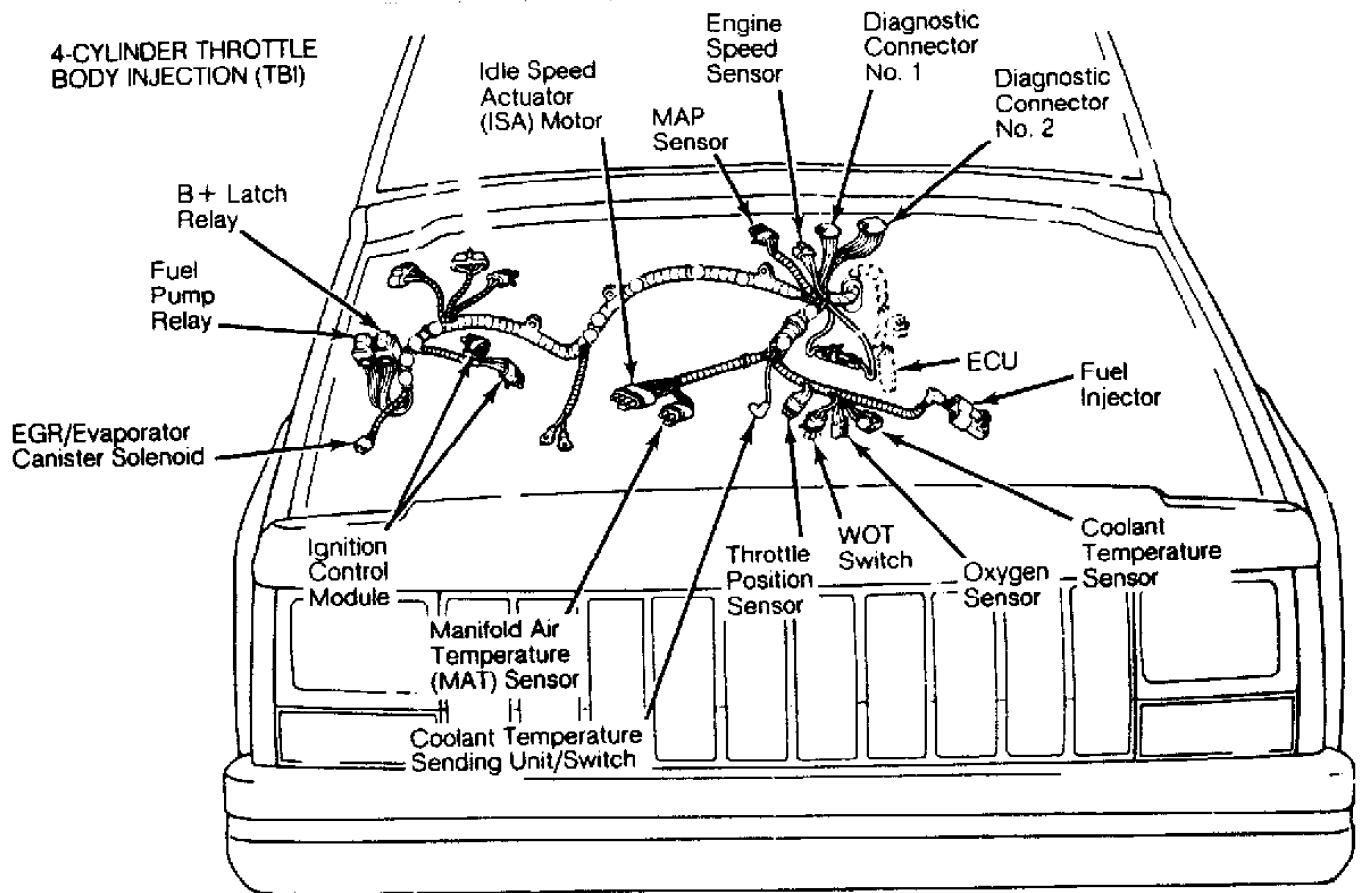


A/C Thermostat

Under right side of dash, on evaporator housing.

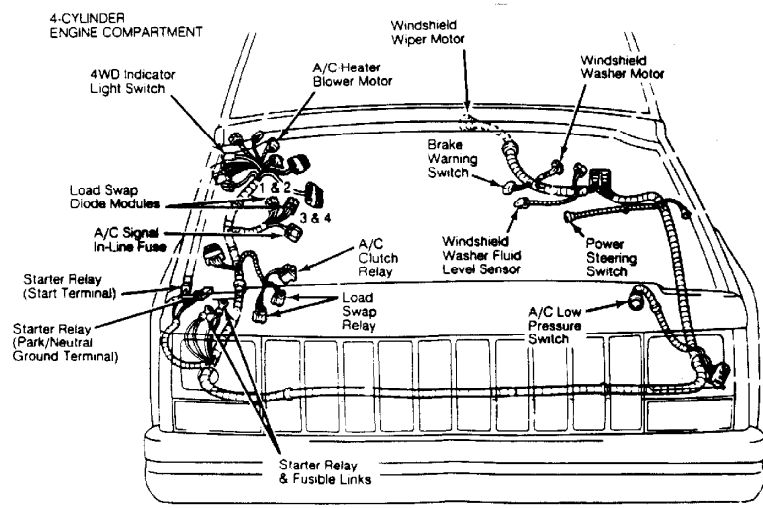
Cruise Control Servo

In engine compartment, on right wheelwell.



Diagnostic Connectors

On center of firewall or on left side of engine compartment.



Load Swap Diode Modules

In engine wiring harness, near alternator.

