

1996 Mitsubishi Montero LS

1995-96 MITSUBISHI Montero

1995-96 MITSUBISHI**Montero****BUZZERS, RELAYS & TIMERS****BUZZERS, RELAYS & TIMERS**

Component	Component Location
ABS Motor Relay	On top of ABS actuator assembly.
ABS Valve Relay	Right rear of engine compartment, in ABS relay box.
Accessory Socket Relay	On bracket, above passenger compartment fuse/relay block. See Fig. 1 .
A/C Compressor Relay	In engine compartment fuse/relay block. See Fig. 2 .
Blower Motor Relay	Behind left side of dash, above passenger compartment fuse/relay block. See Fig. 1 .
Buzzer Assembly	Behind center of dash.
Condenser Fan Motor Relay	In engine compartment fuse/relay block. See Fig. 2 .
Defogger Relay	In passenger compartment fuse/relay block.
Defogger Timer	Behind left side of dash.
Door Lock Relay	On bracket, behind left side of dash.
Engine Control Relay	Behind right side of dash, above ECM. See Fig. 7 .
Generator Relay	In engine compartment fuse/relay block. See Fig. 2 .
Headlamp Relay	In engine compartment fuse/relay block. See Fig. 2 .
Headlamp Washer Relay	On bracket, behind left side of dash.
Horn Relay	Left front of engine compartment.
Ignition Key Illumination Timer	Behind center console.
Intermittent Wiper Relay (Front)	Built-in steering column switch.
Intermittent Wiper Relay (Rear)	In passenger compartment fuse/relay block.
Overdrive Relay (A/T)	In passenger compartment fuse/relay block.
Power Window Relay	In passenger compartment fuse/relay block.
Starter Relay	Behind center console.
Taillamp Relay	In engine compartment fuse/relay block. See Fig. 2 .
Turn & Hazard Flasher Unit	In passenger compartment fuse/relay block.

CIRCUIT PROTECTION DEVICES**CIRCUIT PROTECTION DEVICES**

Component	Component Location
Fuse/Relay Block (Engine Compartment)	On left inner fender panel, behind battery. See Fig. 2 .
Fuse/Relay Block (Passenger Compartment)	Behind left side of dash. See Fig. 1 .

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Fusible Links	In engine compartment fuse/relay block. See Fig. 2 .
Power Seat Relay Box	Under driver's seat.

CONTROL UNITS

CONTROL UNITS

Component	Component Location
ABS Control Unit	Mounted on top of right rear wheelwell, under metal plate.
A/C Control Unit	On top of evaporator case. See Fig. 5 .
Cruise Control Unit	Behind center console.
Door Lock Control Unit	Behind left side of dash.
ELC 4-Speed A/T Control Module	Behind left side of dash.
Engine Control Module (ECM)	Behind right kick panel. See Fig. 7 .
Keyless Entry Control Unit	Behind right side quarter panel.
Motor Antenna Control Unit	Behind center console.
Rear Differential Lock Control Unit	Mounted on top of rear right wheelwell, under metal plate.
SRS Diagnostic Unit	Behind center console.
Sunroof Control Unit	On center of roof, behind sunroof.
Variable Shock Absorber Control Unit	Behind left rear wheelwell, behind quarter panel.
4WD Indicator Control Unit	Behind center of dash.

MOTORS

MOTORS

Component	Component Location
Blower Motor	Behind right side of dash.
Headlamp Washer Motor	Right side of engine compartment, in washer fluid reservoir.
Idle Air Control Motor	On throttle body.
Motor Antenna	Rear of right wheel well.
Sunroof Motor	On center of roof, behind sunroof.
Windshield Washer Motor	Bottom of windshield washer reservoir.
Windshield Wiper Motor (Front)	On left side of firewall.
Windshield Wiper Motor (Rear)	On center of tailgate.

SENDING UNITS & SENSORS

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Component	Component Location
ABS G-Sensor	In center console, rear of parking brake lever.

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A/C Air Inlet Sensor	In evaporator air duct. See Fig. 5 .
Barometric Pressure Sensor	Built-in to airflow sensor assembly.
Camshaft Position Sensor (DOHC)	On bottom of left camshaft gear.
Camshaft Position Sensor (SOHC 12-Valve)	Inside distributor assembly.
Camshaft Position Sensor (SOHC 24-Valve)	On bottom of left camshaft gear.
Crankshaft Position Sensor (DOHC)	On crankshaft gear.
Crankshaft Position Sensor (SOHC 12-Valve)	Top front of engine.
Crankshaft Position Sensor (SOHC 24-Valve)	On crankshaft gear.
Engine Coolant Temperature Gauge Unit	On thermostat housing.
Engine Coolant Temperature Sensor	On thermostat housing.
Fuel Tank Differential Pressure Sensor	Top of fuel tank.
Geomagnetic Sensor (Compass)	On top center of dash.
Heated Oxygen Sensor (Front)	Underside of vehicle, forward of catalytic converter.
Heated Oxygen Sensor (Rear)	Underside of vehicle, forward of catalytic converter.
Heated Oxygen Sensor (Left Bank) (Front)	In left exhaust manifold.
Heated Oxygen Sensor (Left Bank) (Back)	In left exhaust pipe, below engine.
Heated Oxygen Sensor (Right Bank) (Front)	In right exhaust manifold.
Heated Oxygen Sensor (Right Bank) (Back)	In right exhaust pipe, below engine.
Impact Sensors (2)	On left & right front of inner fender panel.
Intake Air Temperature Sensor	Mounted on outside of evaporator case. See Fig. 5 .
In-Vehicle Temp. Sensor	Under steering column.
Knock Sensor	On top center of intake manifold.
Outside Air Temperature Sensor	Below left headlamp.
Speed Sensors (4)	On bracket, on each wheel hub.
Throttle Position Sensor	On throttle body.
Manifold Differential Pressure Sensor (SOHC)	Top left side of engine.
Manifold Differential Pressure Sensor (DOHC)	Top left side of engine.
Vehicle Speed Sensor (VSS)	In speedometer assembly & on transmission tailshaft.
Volume Air Flow Sensor	In air cleaner duct (includes intake air temperature & BARO sensors).

SOLENOIDS & SOLENOID VALVES**SOLENOIDS & SOLENOID VALVES**

Component	Component Location
Cruise Control Actuator (SOHC 24-Valve)	Right rear of engine compartment.
Cruise Control Actuator (SOHC 12-Valve)	Left rear of engine compartment.
EGR Solenoid (SOHC)	Left side of firewall.
EGR Solenoid (DOHC)	On right rear of front inner fender panel.
ELC 4-Speed A/T Control Solenoid	Left side of transmission.

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Emission Purge Solenoid (DOHC & SOHC-Federal)	On left side of firewall, near master cylinder.
Evaporative Emission Purge Solenoid No. 1 (SOHC-California)	Left side of firewall.
Evaporative Emission Purge Solenoid No. 2 (SOHC-California)	Left side of firewall.
Evaporative Emission Ventilation Solenoid (SOHC-California)	Left side of firewall.
Overdrive Solenoid Valve	Left side of transmission.
Solenoid Valves A/B	On side of transmission assembly.
Variable Induction Solenoid	On top front of engine.

SWITCHES**SWITCHES**

Component	Component Location
A/T Temperature Switch	On right side of transmission, near shift rod.
Back-Up Lamp Switch	Right side of transmission.
Brake Fluid Level Switch	In brake master cylinder reservoir.
Brake/Cruise Switch	On bracket, above brake pedal.
Center Differential Lock Detection Switch	On transfer case.
Center Differential Lock Operation Detection Switch	On transfer case.
Clutch/Cruise Switch	On bracket, above clutch pedal.
Dual-Pressure Switch	On high pressure line, on receiver-drier.
Engine Coolant Temperature Switch	Top left front of engine.
Free Wheel Engage Switch	Right side of engine compartment.
High Range/Low Range Detection Switch	On transfer case.
Low Range Operation Detection Switch	On transfer case.
Oil Pressure Switch	Lower right front of engine.
Park/Neutral Position Switch	On left side of transmission.
Parking Brake Switch	At base of parking brake lever.
Power Steering Pressure Switch	On power steering pump.
Seat Belt Switch	On driver-side seat belt buckle.
2WD/4WD Detection Switch	On transfer case.
4WD Operation Detection Switch	On transfer case.

MISCELLANEOUS**MISCELLANEOUS**

Component	Component Location
Capacitor (SOHC 12-Valve)	Top right side of engine, next to ignition coil.
Capacitor (SOHC 24-Valve)	Top left side of engine, next to ignition coil.

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Data Link Connector (DLC)	Behind left side of dash, near fuse/relay block. See Fig. 1 .
Diode (Door Lamp Circuit)	Behind left side of dash, taped to harness. See Fig. 4 .
Diode (MFI System Circuit)	Behind center of dash, taped to harness. See Fig. 6 .
Diode (Active Trac 4WD Circuit)	Behind right side of dash, taped to harness. See Fig. 8 .
Engine Speed Detection Connector	Taped to wiring harness, on right side of firewall. See Fig. 3 .
Fuel Pump Check Connector	Taped to wiring harness, on right side of firewall. See Fig. 3 .
Ignition Timing Adjustment Connector	Taped to wiring harness, on right side of firewall. See Fig. 3 .
Ignition Coil (SOHC 12-Valve)	Top right side of engine.
Ignition Coil (DOHC & SOHC 24-Valve)	Top left side of engine.
Ignition Power Transistor (SOHC 12-Valve)	Top right side of engine.
Ignition Power Transistor (DOHC & SOHC 24-Valve)	Top left side of engine, next to ignition coil.
Noise Filter	Top right side of engine, next to ignition coil.
Resistor	On blower motor housing.

CONNECTORS**CONNECTORS**

Component	Component Location
A08 (Black, 12 Pin)	At left front of engine compartment, near battery.
A17 (Black, 4 Pin)	At left front of engine compartment, near battery.
A49 (Black, 8 Pin)	At center rear of engine compartment.
A58-2 (Black, 1 Pin)	At center rear of engine compartment.
B01 (Black, 1 Pin)	On top of transmission bell housing.
C10-1 (Black, 2 Pin)	Behind left side of dash.
C10-2 (Black, 8 Pin)	Behind left side of dash.
C10-3 (Black, 22 Pin)	Behind left side of dash.
C26-1 (Blue, 8 Pin)	Behind right end of dash.
C26-2 (Blue, 20 Pin)	Behind right end of dash.
C26-3 (Blue, 8 Pin)	Behind right end of dash.
C26-4 (Black, 18 Pin)	Behind right end of dash.
C26-5 (Black, 4 Pin)	Behind right end of dash.
C32-1 (White, 14 Pin)	Behind right end of dash.
C32-2 (White, 16 Pin)	Behind right end of dash.
C32-3 (Brown, 18 Pin)	Behind right end of dash.
C32-4 (Brown, 32 Pin)	Behind right end of dash.

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C40-3 (32 Pin)	Behind center console.
C40-4 (8 Pin)	Behind center console.
C66-2 (22 Pin)	Behind left end of dash.
C66-3 (2 Pin)	Behind left end of dash.
C66-4 (32 Pin)	Behind left end of dash.
C66-5 (Black, 14 Pin)	Behind left end of dash.
C66-6 (Black, 16 Pin)	Behind left end of dash.
C77-1 (4 Pin)	Behind left end of dash.
D02-1 (6 Pin)	Behind left side of dash, near steering wheel.
D02-2 (8 Pin)	Behind left side of dash, near steering wheel.
D12-1 (18 Pin)	Under center console, near parking brake.
D20-1 (2 Pin)	Under center console, near parking brake.
E06 (Black, 2 Pin)	Behind headliner, near center of roof.
E17-1 (1 Pin)	In center of rear hatch, near lock assembly.
E17-2 (14 Pin)	In center of rear hatch, near lock assembly.
E20-1 (6 Pin)	In left rear of luggage compartment, at base of "C" pillar.
E31-1 (14 Pin)	Under left side of rear seat.
E31-2 (8 Pin)	Under left side of rear seat.
E31-3 (4 Pin)	Under left side of rear seat.
E31-4 (32 Pin)	Under left side of rear seat.
E31-5 (1 Pin)	Under left side of rear seat.
E33-1 (6 Pin)	On base of left "B" pillar.
E37-1 (6 Pin)	On base of right "B" pillar.
F04-2 (2 Pin)	On base of right "B" pillar.
F12-2 (2 Pin)	On base of left "B" pillar.
G04 (1 Pin)	In left side of rear hatch.
G05 (2 Pin)	In left side of rear hatch.
G22 (Black, 2 Pin)	Forward of left rear wheelwell.

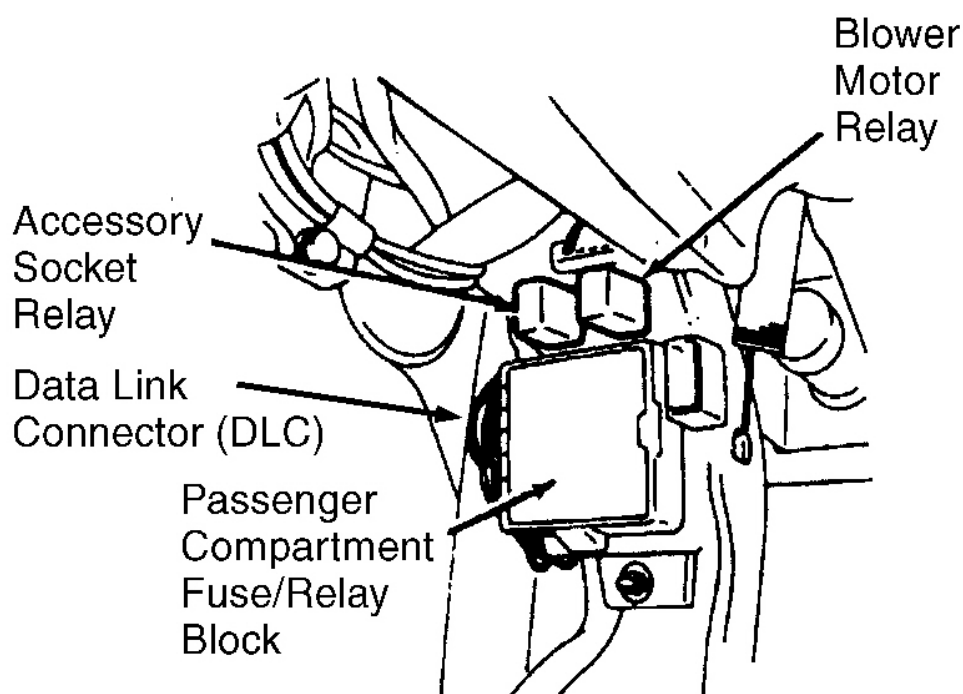
GROUPS**GROUPS**

Component	Component Location
G1	In engine compartment, on center of firewall.
G2	At left side of engine compartment, on inner fender.
G3	At left side of engine compartment, on inner fender.
G4	At lower left front of engine compartment.
G5	At lower left front of engine compartment.
G6	At right rear of engine compartment, on firewall.
G7	Behind center of dash.

G8	Behind right end of dash.
G9	Under right end of dash.
G10	Under left end of dash.
G11	At left rear of luggage compartment.
G12	At right rear of luggage compartment.

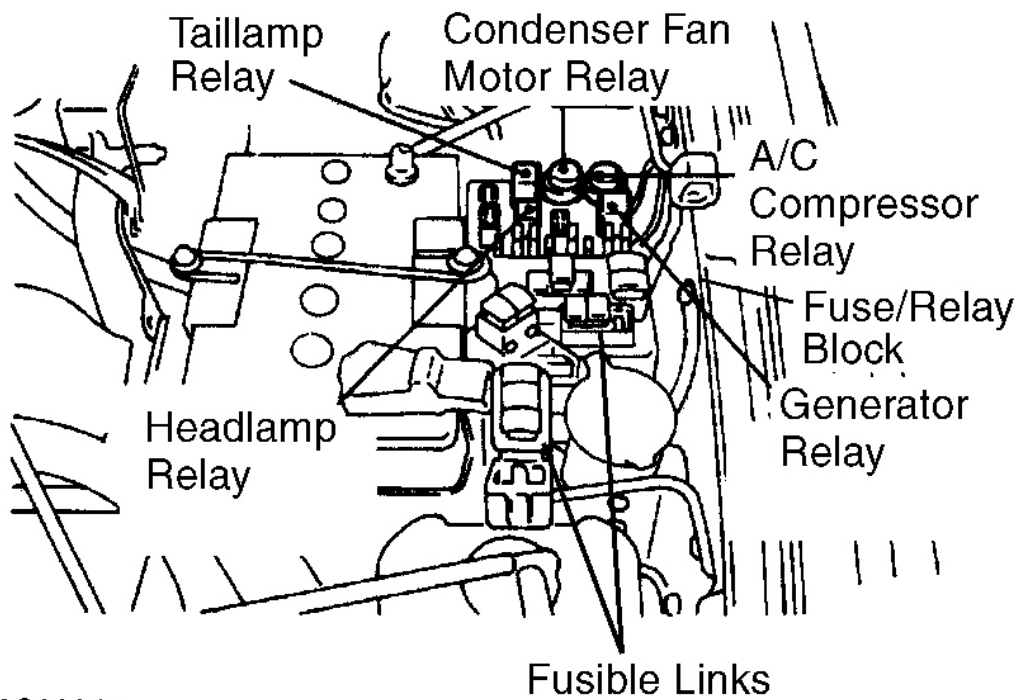
COMPONENT LOCATION GRAPHICS

NOTE: Figures may show multiple component locations. Refer to appropriate table for proper figure references.



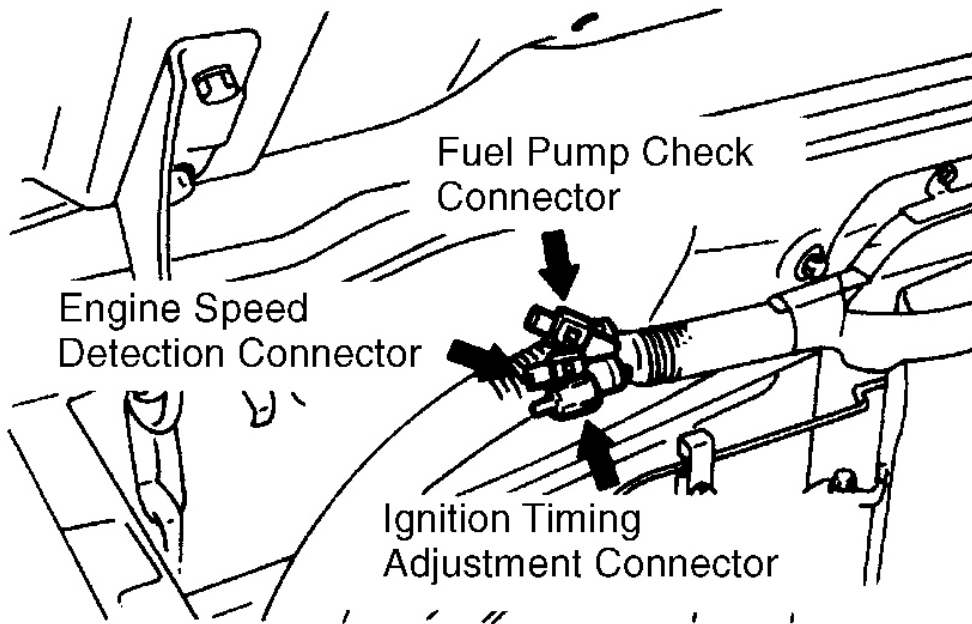
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Fig. 1: Left Side Of Dash



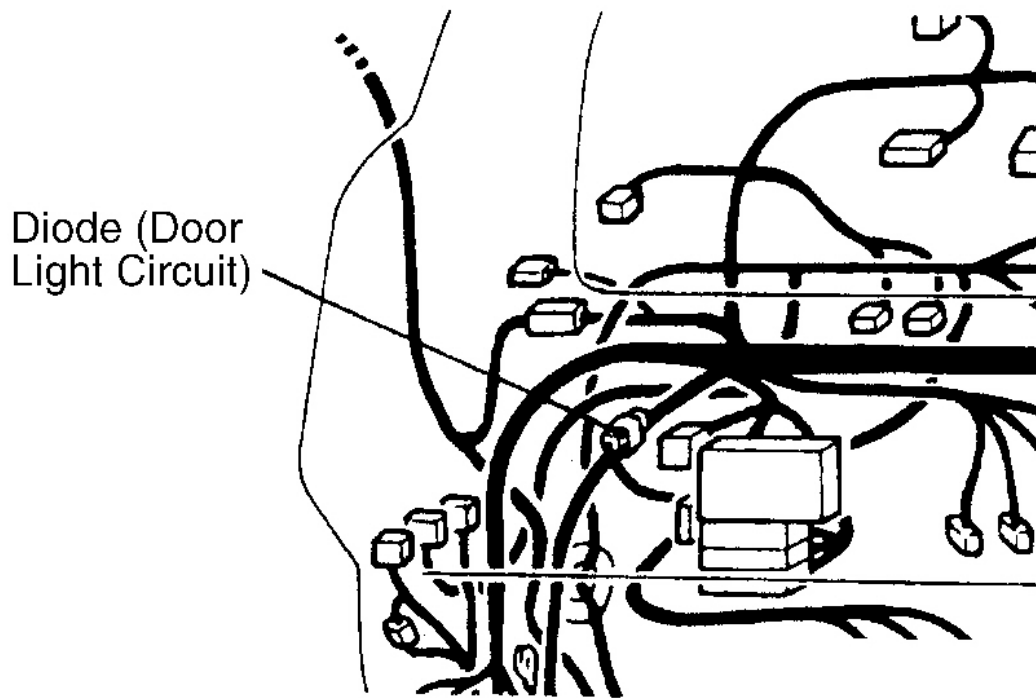
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Fig. 2: Engine Compartment Fuse/Relay Block



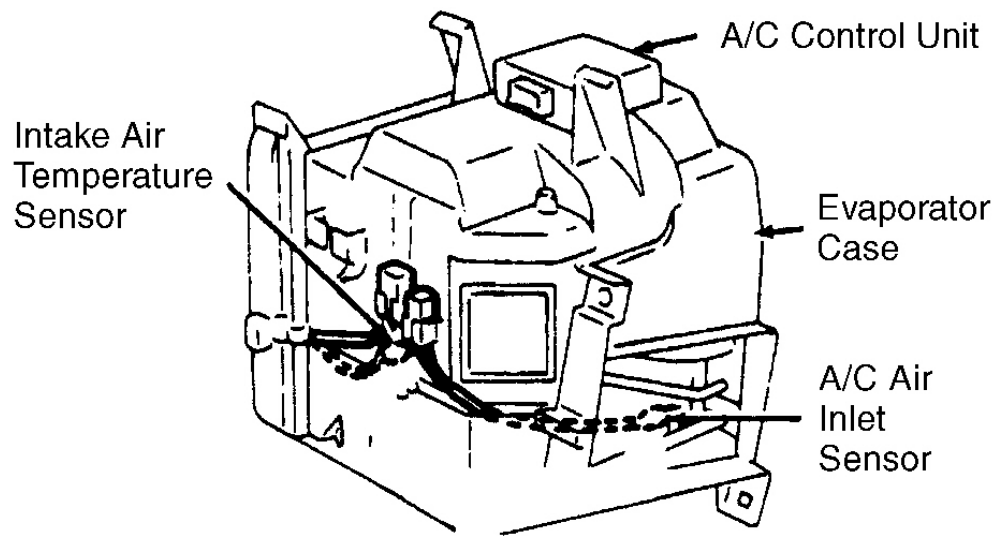
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Fig. 3: Right Side Of Firewall



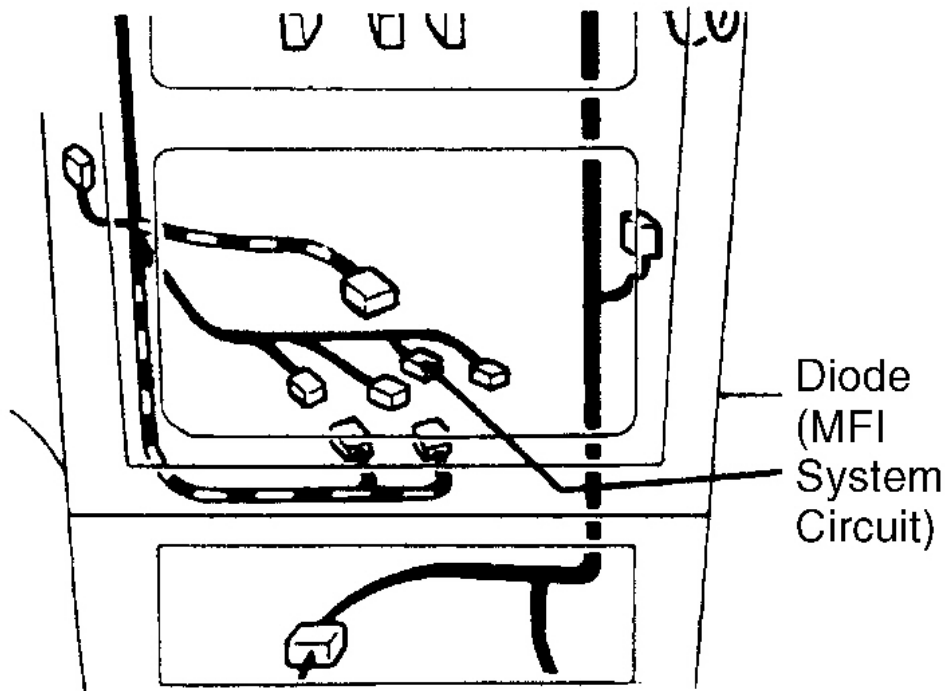
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Fig. 4: Left Side Of Dash



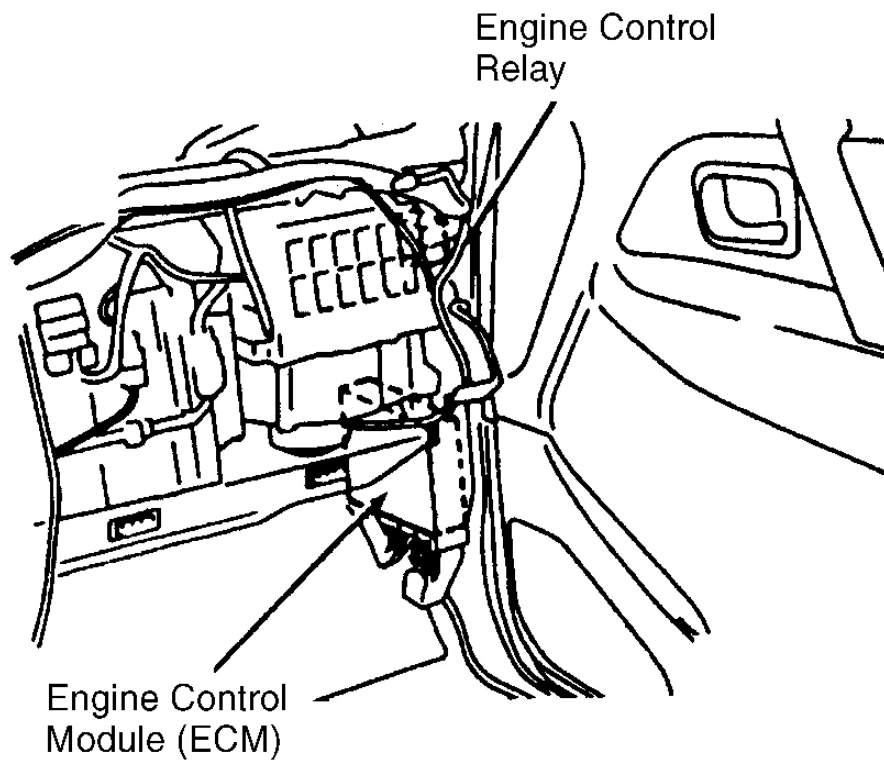
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Fig. 5: Evaporator Case



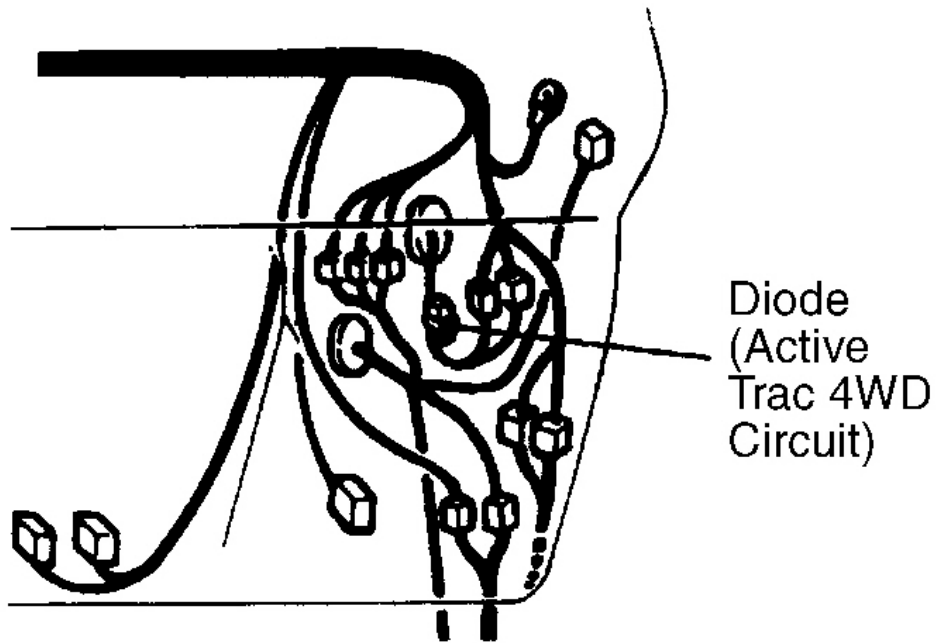
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Fig. 6: Center Of Dash



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Fig. 7: Right Kick Panel



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Fig. 8: Right Side Of Dash