

BUZZERS, RELAYS & TIMERS**BUZZERS, RELAYS & TIMERS LOCATION**

Component	Component Location
A/C Relay	In main fuse & relay box.
Cooling Fan Relay 1 (W/ A/C)	In relay box 1.
Cooling Fan Relay 1 (W/O A/C)	In relay box.
Cooling Fan Relay 2 (W/ A/C)	In relay box 1.
Cooling Fan Relay 2 (W/O A/C)	In relay box.
Cooling Fan Relay 3 (W/ A/C)	In relay box 1.
Cooling Fan Relay 3 (W/O A/C)	In relay box.
Cooling Fan Relay 4	In relay box 2.
Cooling Fan Relay 5	In relay box 2.
Cooling Fan Relay 6	In relay box 2.
Cooling Fan Relay 7	In relay box 2.
Flasher Control Module	Behind left side of dash. See Fig. 3 .
Front Blower Relay	Behind left side of dash. See Fig. 3 .
Front Foglight Relay (W/ A/C)	In relay box 1.
Front Foglight Relay (W/O A/C)	In relay box.
Fuel Pump Relay	In main fuse & relay box.
Headlight Relay	In main fuse & relay box.
Horn Relay	In main fuse & relay box.
Intermittent Rear Wiper Relay	Behind left side of dash. See Fig. 3 .
Main Relay	In main fuse & relay box.
Rear Blower Relay	At right rear corner of vehicle. See Fig. 4 .
Rear Window Defroster Relay	In main fuse & relay box.
Shift Lock Relay	Behind left side of dash. See Fig. 3 .
Sun Roof Relay	At front of sun roof opening. See Fig. 4 .
TNS Relay	In main fuse & relay box.

CIRCUIT PROTECTION DEVICES**CIRCUIT PROTECTION DEVICES LOCATION**

Component	Component Location
Joint Box	At left kick panel. See Fig. 3 .
Main Fuse & Relay Box	At left side of engine compartment. See Fig. 1 .

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Relay Box (W/O A/C)	At left front corner of engine compartment. See Fig. 2 .
Relay Box No. 1 (W/ A/C)	At left front corner of engine compartment. See Fig. 2 .
Relay Box No. 2	At right front corner of engine compartment. See Fig. 2 .

CONTROL UNITS

CONTROL UNITS LOCATION

Component	Component Location
ABS Hydraulic Unit/Control Module (ABS HU/CM)	At left rear corner of engine compartment.
Cruise Control Module	Behind left side of dash. See Fig. 3 .
Door Lock Control Module	Behind right side of dash. See Fig. 3 .
DRL Control Module	Behind left side of dash. See Fig. 3 .
Immobilizer Unit	Behind left side of dash.
Keyless Control Module	At left rear side of vehicle. See Fig. 4 .
Powertrain Control Module	Below center of dash.
SAS Control Module	At lower center of dash. See Fig. 3 .
Theft Deterrent Control Module	Behind left side of dash.

MOTORS

MOTORS LOCATION

Component	Component Location
Airflow Mode Actuator	At right rear corner of vehicle. See Fig. 4 .
Air Intake Actuator	Behind right side of dash.
Air Mix Actuator	At right rear corner of vehicle. See Fig. 4 .
Front Blower Motor	Behind right side of dash. See Fig. 3 .
Fuel Pump Unit	Under rear of vehicle. See Fig. 4 .
Idle Air Control Valve	At rear of engine.
Rear Blower Motor	At right rear corner of vehicle. See Fig. 4 .
Rear Washer Motor	At right front corner of engine compartment.
Windshield Washer Motor	At right front corner of engine compartment.
Windshield Wiper Motor	On left side of firewall.

SENDING UNITS & SENSORS

SENDING UNITS & SENSORS LOCATION

Component	Component Location
Brake Fluid Level Sensor	At left rear of engine compartment.

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Camshaft Position Sensor	On left front of engine. See Fig. 1 .
Crankshaft Position Sensor	On left front of engine. See Fig. 1 .
EGR Boost Sensor	At left rear corner of engine compartment. See Fig. 2 .
Engine Coolant Temperature Sensor	At rear of engine. See Fig. 2 .
Fuel Pump Unit	Under rear of vehicle. See Fig. 4 .
Fuel Tank Pressure Sensor	Below center of vehicle.
Input/Turbine Speed Sensor	Near rear of engine.
Knock Sensor	Near right rear of engine. See Fig. 2 .
Left Front Heated Oxygen Sensor	Near rear of engine. See Fig. 2 .
Left Rear Heated Oxygen Sensor	Near rear of engine.
MAF/IAT Sensor	At left side of engine compartment. See Fig. 1 .
Right Front Heated Oxygen Sensor	At right rear side of engine. See Fig. 2 .
Right Rear Heated Oxygen Sensor	Near right rear corner of engine compartment.
Side Air Bag Sensor (Driver-Side/Passenger-Side)	Near base of respective "B" pillar.
Thermosensor	Behind center of dash. See Fig. 3 .
Throttle Position Sensor	At left rear of engine. See Fig. 2 .
Vehicle Speedometer Sensor	Near right rear of engine.
Water Temperature Sender Unit	On rear of engine. See Fig. 1 .

SOLENOIDS & SOLENOID VALVES

SOLENOIDS & SOLENOID VALVES LOCATION

Component	Component Location
CDCV	At left rear corner of engine compartment. See Fig. 1 .
Cruise Actuator	At right rear corner of engine compartment. See Fig. 1 .
EC-AT Solenoid	In transaxle.
EGR Boost Sensor Solenoid Valve	At left rear corner of engine compartment. See Fig. 1 .
EGR Valve	Near rear of engine. See Fig. 1 .
Intake Manifold Runner Control Actuator	Near left rear side of engine. See Fig. 2 .
Key Interlock Solenoid	Behind left side of dash.
PRC Solenoid Valve	Near rear of engine. See Fig. 1 .
Purge Solenoid Valve	Near rear of engine. See Fig. 1 .

SWITCHES

SWITCHES LOCATION

Component	Component Location
Hood Switch	At right front of engine compartment.
Oil Pressure Switch	At left front of vehicle.
Parking Brake Switch	Near bottom center of vehicle.
PSP Switch	Near front of engine. See Fig. 2 .
Refrigerant Pressure Switch	At right front of engine compartment. See Fig. 1 .
Transaxle Range Switch	Near rear of engine.

MISCELLANEOUS

MISCELLANEOUS LOCATION

Component	Component Location
Capacitor	At left front of engine.
Coil (Immobilizer)	Behind left side of dash.
Data Link Connector	At left rear corner of engine compartment. See Fig. 1 .
Data Link Connector No. 2	At lower left side of dash.
Front Resistor	Behind right side of dash.
Ignition Coil	On right side of engine.
Key Interlock Resistor	Behind left side of dash.
Rear Resistor	At right rear corner of vehicle. See Fig. 4 .

CONNECTORS

CONNECTORS LOCATION

Component	Component Location
X-03 (Gray, 10 Pin)	At left side of engine compartment. See Fig. 1 .
X-04 (White, 34 Pin)	At top of left kick panel. See Fig. 3 .
X-05 (White, 16 Pin)	At right side of dash. See Fig. 3 .
X-06 (White, 34 Pin)	At right side of dash. See Fig. 3 .
X-07 (White, 6 Pin)	At right front of engine. See Fig. 1 .
X-08 (White, 12 Pin)	At right front of engine. See Fig. 1 .
X-09 (White, 12 Pin)	At right front of engine. See Fig. 1 .
X-10 (White, 34 Pin)	At left kick panel. See Fig. 3 .
X-11 (White, 4 Pin)	At right center of dash. See Fig. 3 .
X-12 (White, 14 Pin)	At right center of dash. See Fig. 3 .
X-13 (White, 34 Pin)	At base of right "B" pillar. See Fig. 4 .
X-14 (White, 34 Pin)	At base of left "B" pillar. See Fig. 4 .

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X-15 (White, 14 Pin)	At top left corner of liftgate. See Fig. 4 .
X-17 (White, 28 Pin)	At left end of dash. See Fig. 3 .
X-18 (White, 28 Pin)	At right end of dash. See Fig. 3 .

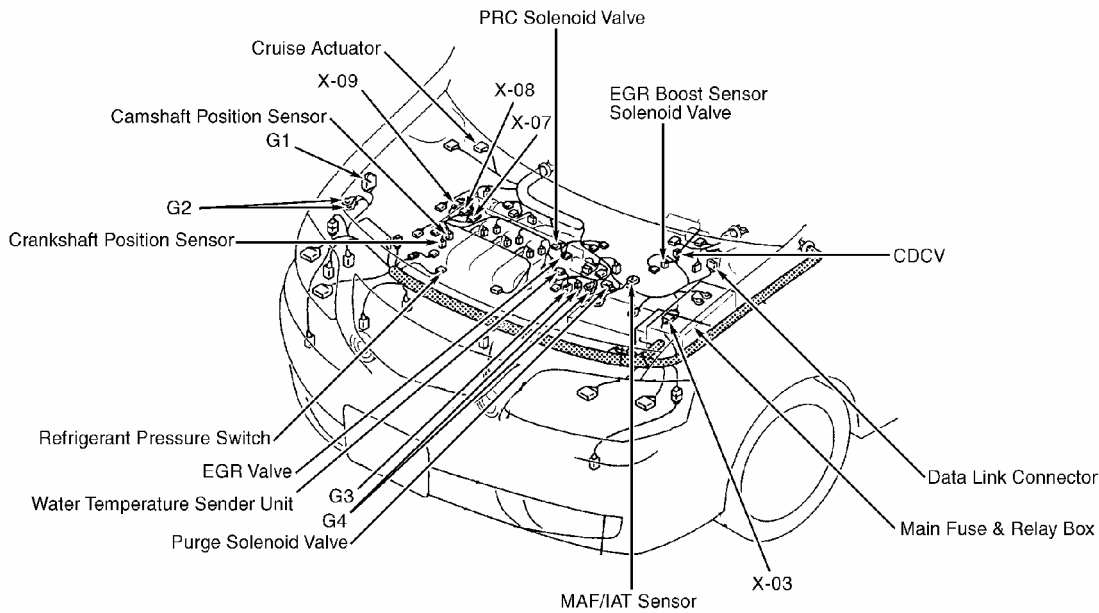
GROUND S

GROUND S LOCATION

Component	Component Location
G1	At front of right front fender. See Fig. 1 .
G2	At front of right front fender. See Fig. 1 .
G3	At left rear of engine. See Fig. 1 .
G4	At left rear of engine. See Fig. 1 .
G5	At lower left center of dash.
G6	At lower right center of dash.
G7	At upper side of right kick panel. See Fig. 3 .
G8	At upper side of left kick panel. See Fig. 3 .
G9	At front of left rear wheelwell. See Fig. 4 .
G10	At left side of liftgate. See Fig. 4 .
G11	In roof, above left "B" pillar. See Fig. 4 .
G12	At front of right rear wheelwell. See Fig. 4 .
G13	At left side of dash. See Fig. 3 .
G14	At right side of liftgate. See Fig. 4 .
G15	In roof, at left side of cargo area. See Fig. 4 .

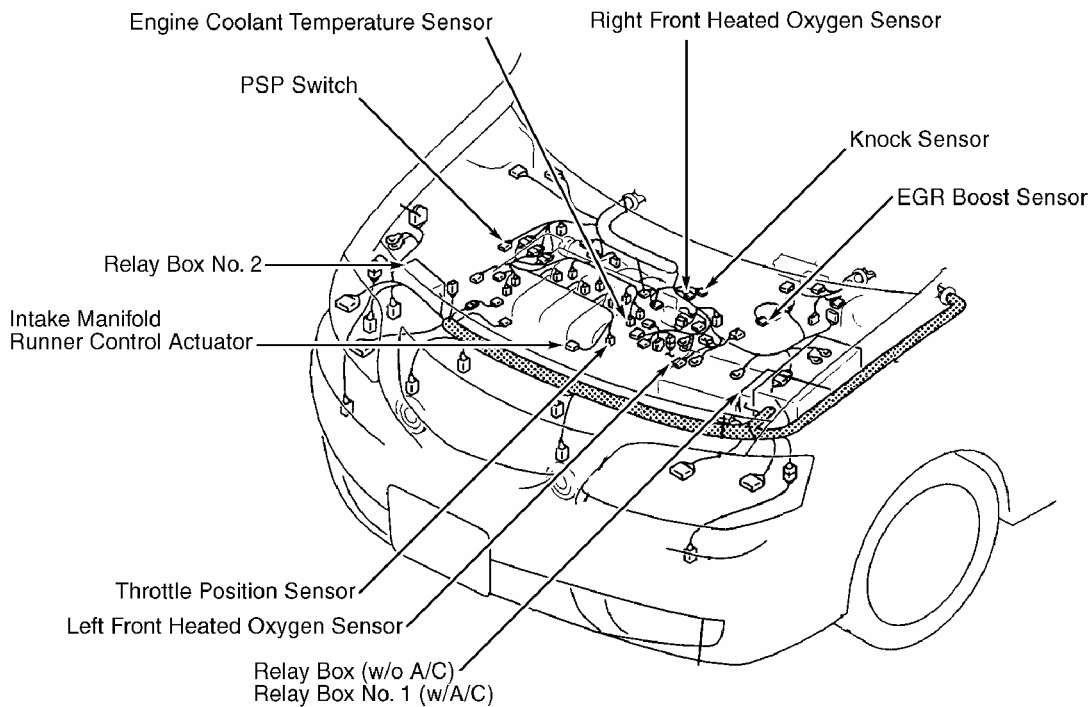
COMPONENT LOCATION GRAPHICS

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



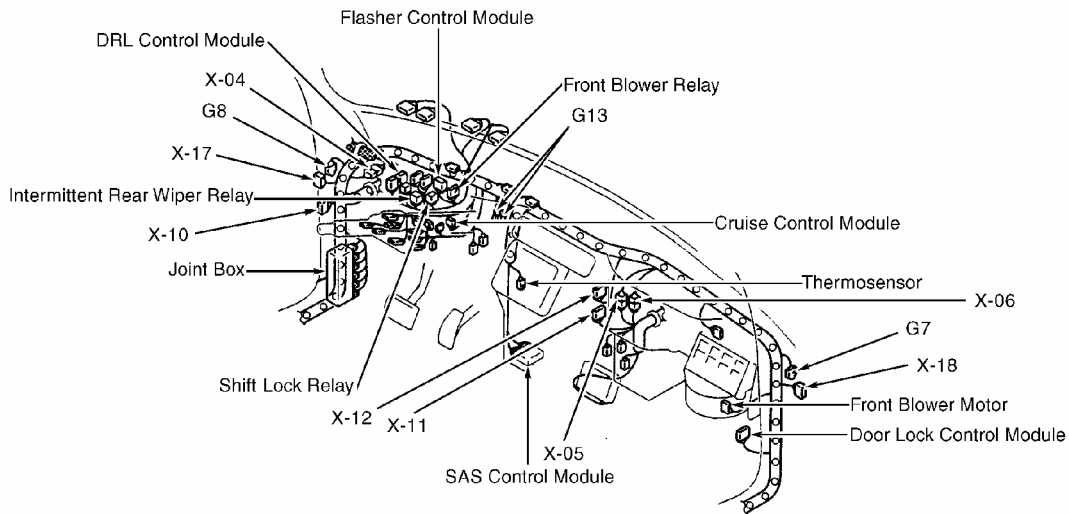
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Fig. 1: Engine Compartment
Courtesy of MAZDA MOTORS CORP.



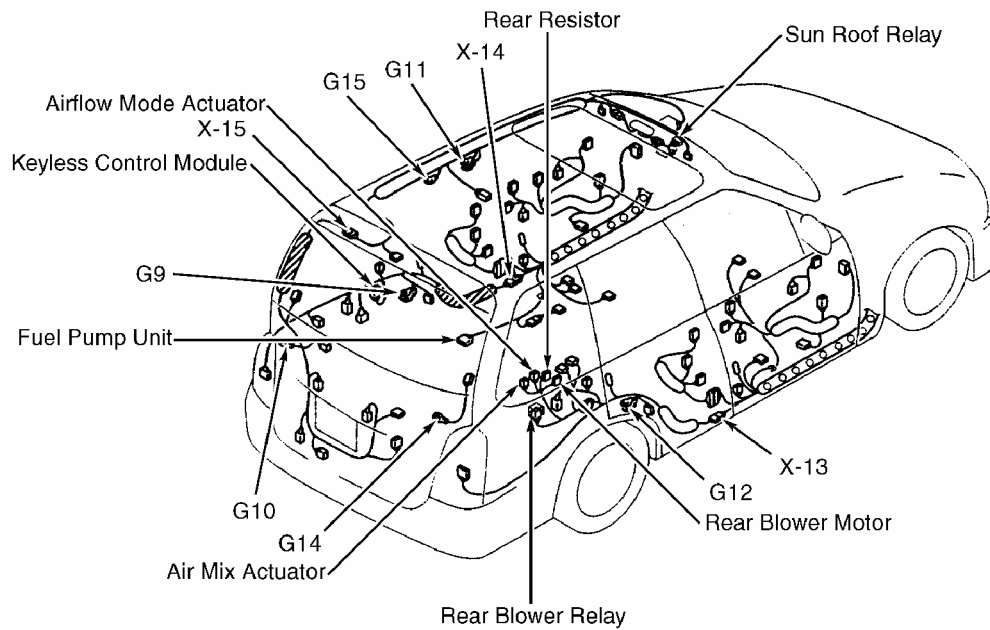
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Fig. 2: Engine Compartment
Courtesy of MAZDA MOTORS CORP.



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Fig. 3: Dash
 Courtesy of MAZDA MOTORS CORP.



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Fig. 4: Right Side Of Vehicle
 Courtesy of MAZDA MOTORS CORP.