

1991 Mazda MX-5 Miata

ELECTRICAL COMPONENT LOCATOR 1991 MAZDA ELECTRICAL COMPONENTS

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BUZZERS, RELAYS & TIMERS

BUZZERS, RELAYS & TIMERS LOCATION

Component	Location
ABS System	
Check Valve Relay	On top of ABS pump motor.
Motor Relay	On top of ABS pump motor.
Buzzer & Timer Unit	On bracket, behind left side of dash. See Fig. 1 .
Circuit Opening Relay	On bracket, behind left side of dash. See Fig. 1 .
Cooling Fan Relay	In engine compartment fuse/relay block. See Fig. 1 .
Dashboard Illumination Lights Relay	On bracket, near master cylinder. See Fig. 1 .
EFI Main Relay	In engine compartment fuse/relay block. See Fig. 1 & Fig. 2 .
Fuel Pump Relay	Behind left front kick panel.
Headlight Relay	On bracket, near master cylinder. See Fig. 1 .
Headlight Retractor Relay	On bracket, near master cylinder. See Fig. 1 .
Horn Relay	On bracket, behind left side of dash. See Fig. 1 .
Ignition Relay	In engine compartment fuse/relay block.
Turn Signal/Hazard Flasher Relay	On bracket, behind left side of dash. See Fig. 1 .

CIRCUIT PROTECTION DEVICES

CIRCUIT PROTECTION DEVICES LOCATION

Component	Location
Fuse Block	Behind left side of dash.
Fuse/Relay Block	In right rear corner of engine compartment, near firewall. See Fig. 2 .
Heater Blower Motor Circuit Breaker	In passenger compartment fuse block.

CONTROL UNITS

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CONTROL UNITS LOCATION

Component	Location
ABS Control Unit	Behind center of dash, near ECU.
Cruise Control Unit	Behind left side of dash, above fuse block.
Engine Control Unit (ECU)	Behind center of dash. See Fig. 2 .
Supplemental Safety Restraint (SRS) Module	Behind left side of dash. See Fig. 3 .

SENDING UNITS & SENSORS

SENDING UNITS & SENSORS LOCATION

Component	Location
ABS Wheel Sensors	On each front & rear wheel hub assembly.
Airflow Meter	Connected to air filter housing. See Fig. 2 .
Atmospheric Pressure Sensor	Built-in ECU.
Brake Fluid Level Sensor	Inside brake master cylinder.
Coolant Temperature Sensor	On water outlet, at left rear of engine. See Fig. 2 .
Cooling Fan Thermostat	On thermostat housing.
Crank Angle Sensor	On right rear side of cylinder head. See Fig. 2 .
Intake Air Thermosensor	In airflow sensor unit.
Oil Pressure Sensor	On left side of engine near oil filter.
SRS Crash/Impact Sensors	
Front	On center, left and right front of vehicle. See Fig. 3 .
Center	Behind center of dash. See Fig. 3 .
Throttle Position Sensor (TPS)	Mounted on side of throttle body. See Fig. 2 .

MOTORS

MOTORS LOCATION

Component	Location
A/C-Heater Blower Motor	Behind left side of dash.
Wiper Motor	On right side of firewall.

SOLENOIDS & SOLENOID VALVES

SOLENOIDS & SOLENOID VALVES LOCATION

Component	Location
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Component	Location
Idle Speed Control Solenoid	On throttle body.
Purge Control Solenoid Valve	On right side of engine compartment, on shock tower.

SWITCHES

SWITCHES LOCATION

Component	Location
A/C Pressure Switch	On high pressure refrigerant line.
Back-Up Light Switch	On left side of transmission.
Clutch Switch	On bracket, above clutch pedal. See Fig. 2 .
Neutral Switch	On right rear side of transmission. See Fig. 2 .
Parking Brake Switch	On base of parking brake lever.
Power Steering Pressure Switch	On power steering housing assembly. See Fig. 2 .
Seat Belt Buckle Switch	On driver's side seat belt buckle.
Stoplight Switch	On bracket, above brake pedal. See Fig. 2 .

MISCELLANEOUS

MISCELLANEOUS LOCATION

Component	Location
Diagnostic Check Connector	On left rear of engine compartment, near master cylinder. See Fig. 2 .
Igniter	On right rear corner of engine compartment, near fuse/relay block. See Fig. 2 .
SRS Back-Up Battery	Mounted below SRS control unit. See Fig. 3 .

COMPONENT LOCATION GRAPHICS

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

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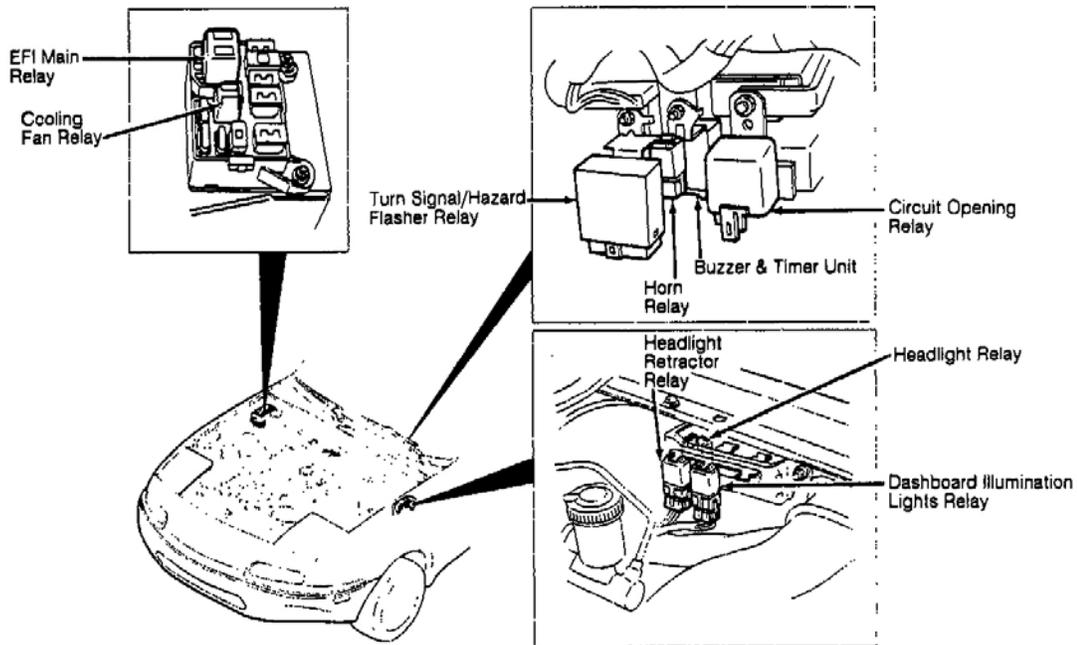


Fig. 1: Component Locations (1 Of 3)

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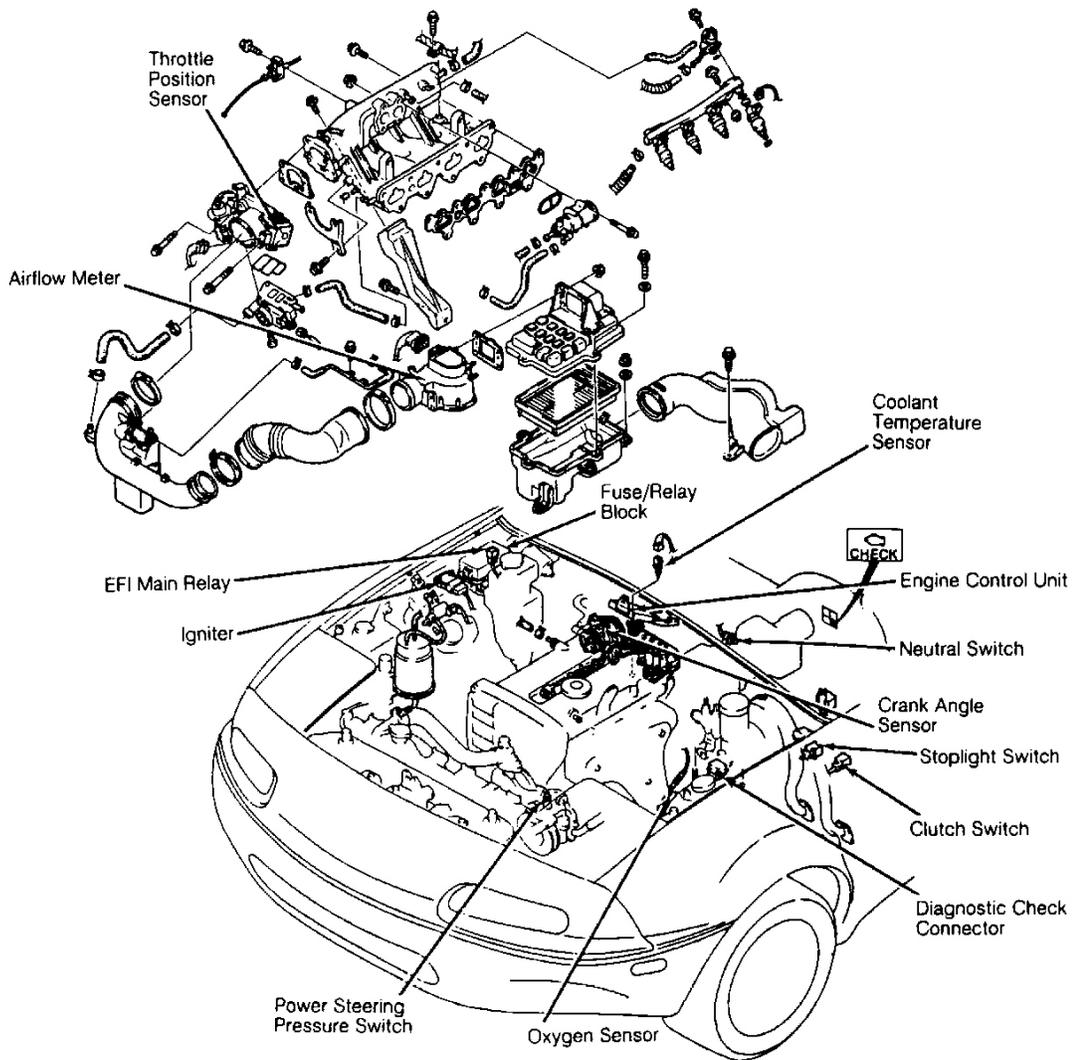


Fig. 2: Component Locations (2 Of 3)

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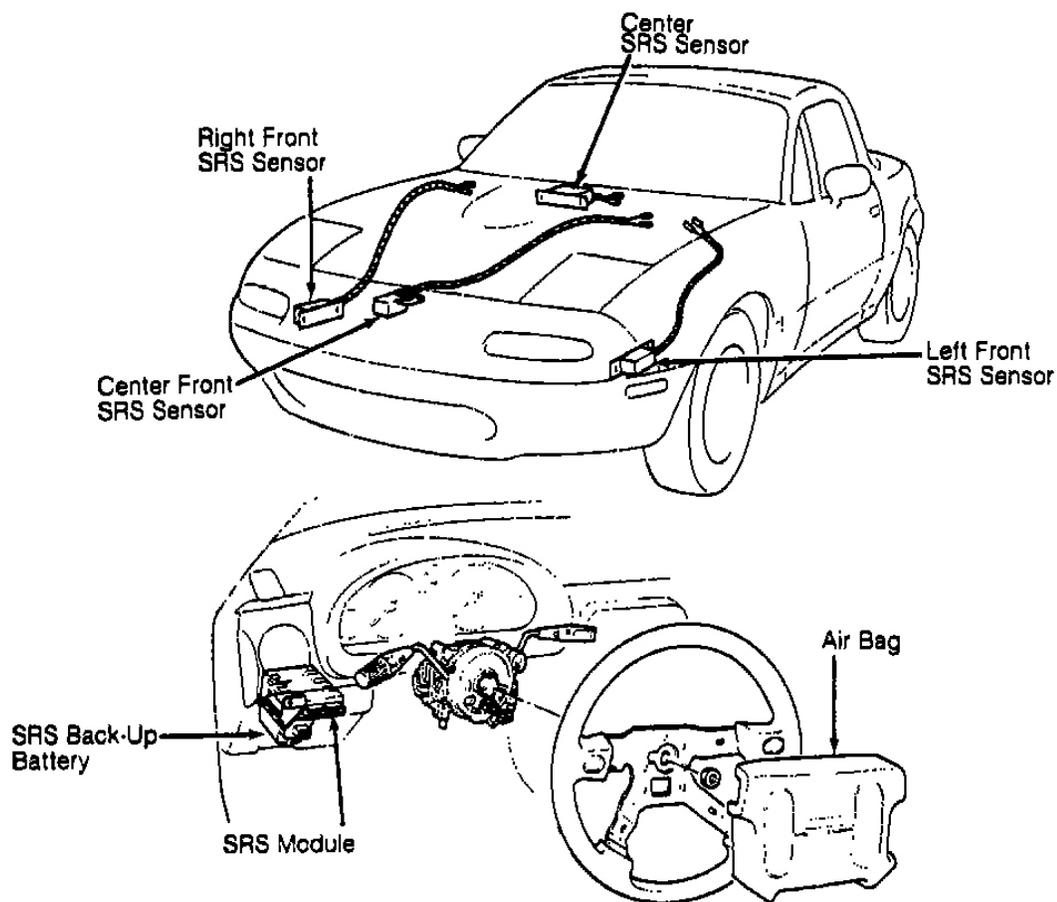


Fig. 3: Component Locations (3 Of 3)