

2002 Acura MDX

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MDX

BUZZERS, RELAYS & TIMERS

BUZZERS, RELAYS & TIMERS LOCATION

Component	Component Location
Accessory Power Socket Relay	Passenger's underdash fuse/relay box.
A/C Compressor Clutch Relay	In underhood fuse/relay box. See Fig. 2 .
A/T Reverse Relay	On driver's underdash fuse/relay box. See Fig. 3 .
Blower Motor Relay	In underhood fuse/relay box. See Fig. 2 .
Condenser Fan Relay	In underhood fuse/relay box. See Fig. 2 .
Fan Control Relay	In multi-relay box. See Fig. 2 .
Fog Light Relay	Behind left side of dash. See Fig. 3 .
Headlight Relay 1	In underhood fuse/relay box. See Fig. 2 .
Headlight Relay 2	In underhood fuse/relay box. See Fig. 2 .
High Beam Cut Relay (Canada)	Behind left side of dash. See Fig. 3 .
Horn Relay	In underhood fuse/relay box. See Fig. 2 .
Intermittent Wiper Relay	In multi-relay box. See Fig. 2 .
Keyless Buzzer	At right front inner fender.
Moon Roof Close Relay	Behind left side of dash. See Fig. 3 .
Moon Roof Open Relay	Behind left side of dash. See Fig. 3 .
PGM-FI Main Relay	Behind left side of dash, near steering column. See Fig. 3 .
Power Window Relay	Passenger's underdash fuse/relay box.
Radiator Fan Relay	In underhood fuse/relay box. See Fig. 2 .
Rear Accessory Power Socket Relay	At right side of cargo area.
Rear Blower Motor Relay	Under center console. See Fig. 3 .
Rear Stereo Amplifier Relay	In multi-relay box. See Fig. 2 .
Rear Window Defogger Relay	Passenger's underdash fuse/relay box.
Seat Heater Relay	Behind left side of dash. See Fig. 3 .
Shift Lock Relay	In multi-relay box. See Fig. 2 .
Starter Cut Relay	On driver's underdash fuse/relay box. See Fig. 3 .
Stereo Amplifier Relay (W/Bose)	At right front of engine compartment.
Taillight Relay	Behind left side of dash. See Fig. 3 .
Turn Signal/Hazard Relay	On driver's underdash fuse/relay box. See Fig. 3 .
VTM-4 Relay	At right side of cargo area, behind trim panel.

CIRCUIT PROTECTION DEVICES

CIRCUIT PROTECTION DEVICES LOCATION

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Component	Component Location
A/C Diode A	On passenger's underdash fuse/relay box.
A/C Diode B	Behind right side of dash, taped to harness.
A/C Diode C	Behind right side of dash, taped to harness.
Auxiliary Fuse Box	At left front of engine compartment, to right of battery. See Fig. 2 .
Auxiliary Fuse Holder	Behind left end of dash. See Fig. 3 .
Driver's Underdash Fuse/Relay Box	Behind left end of dash. See Fig. 3 .
ELD Unit	In underhood fuse/relay box.
Multi-Relay Box	At right front of engine compartment. See Fig. 2 .
Passenger's Underdash Fuse/Relay Box	Behind right kick panel.
Underhood Fuse/Relay Box	At right side of engine compartment. See Fig. 2 .
Underhood Multifuse Box	Right rear of engine compartment.

CONTROL UNITS**CONTROL UNITS LOCATION**

Component	Component Location
ABS Modulator Control Unit	At left side of engine compartment. See Fig. 5 .
Climate Control Unit	Lower center of dash, forward of center console. See Fig. 4 .
Cruise Control Unit	Under left side of dash, left of steering column. See Fig. 3 .
Daytime Running Lights Control Unit (Canada)	Behind left side of dash. See Fig. 3 .
Door Multiplex Control Unit	In driver's door.
Driver's Multiplex Control Unit	Behind left end of dash. See Fig. 3 .
ELD Unit	In underhood fuse/relay box. See Fig. 2 .
Electrical Compass Unit	At middle of roof.
Front Stereo Amplifier	Below center console.
Immobilizer Receiver Unit	In steering column, on ignition key cylinder.
Intake Manifold Runner Control (IMRC) Unit	Behind lower center of dash, front of center console.
Keyless Receiver Unit	Behind right side of glove box.
Navigation Unit	Under right front seat.
Passenger's Multiplex Control Unit	Behind right kick panel.
Powertrain Control Module (PCM)	Behind center of dash.
Radiator Fan Control Module	Behind left center of dash. See Fig. 3 .
Rear Stereo Amplifier	Right side of luggage compartment.
Rear Window Wiper Intermittent Control Unit	Left side of cargo area.
SRS Unit	Behind lower center of dash.
VTM-4 Control Unit	At right side of cargo area, behind rear side trim panel.

MOTORS

MOTORS LOCATION

Component	Component Location
A/C Condenser Fan Motor	Behind right side of radiator.
Cruise Control Actuator	At right side of engine compartment, in front of underhood fuse/relay box.
Front Air Mix Control Motor	On bottom of HVAC assembly. See Fig. 4 .
Front Blower Motor	Under right side of dash, on bottom of blower unit.
Front Mode Control Motor	On left end of HVAC assembly. See Fig. 4 .
Fuel Tank Unit	Under second row seat, below floor access panel.
Idle Air Control (IAC) Valve	At rear of engine, under throttle body assembly. See Fig. 1 .
Intake Manifold Runner Control (IMRC) Actuator	On front of intake manifold.
Moon Roof Motor	At middle of roof, rear of moon roof opening.
Radiator Fan Motor	Behind left side of radiator.
Rear Air Mix Control Motor	Under center console panel.
Rear Blower Motor	Under center console.
Rear Mode Control Motor	Under center console panel.
Rear Window Washer Motor	Behind right side of front bumper, on washer reservoir.
Rear Window Wiper Motor	Behind tailgate trim panel.
Recirculation Control Motor	Behind glove box, on left side of blower unit. See Fig. 4 .
Windshield Washer Motor	Behind right side of front bumper, on washer reservoir.
Windshield Wiper Motor	Left side of engine compartment.

SENDING UNITS & SENSORS

SENDING UNITS & SENSORS LOCATION

Component	Component Location
ATF Temperature Sensor	On transaxle end cover.
Brake Light Failure Sensor	At left side of cargo area, on inside of rear side trim panel.
Countershaft Speed Sensor	On top of transaxle.
Crankshaft Position (CKP) Sensor	At lower front of engine, next to timing belt drive pulley. See Fig. 1 .
Driver's Side Impact Sensor	At base of left "B" pillar.
EGR Valve & EGR Valve Position Sensor	At rear of left cylinder head, on top of water passage.
Engine Coolant Temperature (ECT) Sensor	At rear of engine, on top of water passage. See Fig.

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	1 .
Evaporator Temperature Sensor	In HVAC assembly, in evaporator fins. See Fig. 4 .
Front Passenger's Side Impact Sensor	At base of right "B" pillar.
Fuel Tank Pressure Sensor	Under left side of floor.
In-Car Temperature Sensor	On dash, right of steering column. See Fig. 4 .
Intake Air Temperature (IAT) Sensor	On rear intake manifold chamber. See Fig. 1 .
Knock Sensor	On top of engine block, under intake manifold. See Fig. 1 .
Mainshaft Speed Sensor	On transaxle end cover.
Manifold Absolute Pressure (MAP) Sensor	On top of throttle body assembly. See Fig. 1 .
Outside Air Temperature Sensor	On back of front bumper beam.
Primary Heated Oxygen Sensor	On exhaust pipe, upstream of three way catalytic converter.
Secondary Heated Oxygen Sensor (Secondary HO2S) (Sensor 2)	On three way catalytic converter.
Sunlight Sensor	On center of dash. See Fig. 4 .
Throttle Position (TP) Sensor	On left side of throttle body assembly. See Fig. 1 .
Top Dead Center Sensors	At front of left cylinder head, near power steering pump. See Fig. 1 .

SOLENOIDS & SOLENOID VALVES

SOLENOIDS & SOLENOID VALVES LOCATION

Component	Component Location
A/T Clutch Pressure Control Solenoid Valve A	On transmission housing.
A/T Clutch Pressure Control Solenoid Valve B	On transmission housing.
A/T Clutch Pressure Control Solenoid Valve C	On transmission housing.
Evaporative Emissions (EVAP) By-Pass Solenoid Valve	Under left side of floor.
Evaporative Emissions (EVAP) Canister Purge Valve	On top rear of intake manifold. See Fig. 1 .
Evaporative Emissions (EVAP) Canister Vent Shut Valve	Under left side of floor.
Shift Solenoid Valve A	On torque converter housing.
Shift Solenoid Valve B	On torque converter housing.
Shift Solenoid Valve C	On torque converter housing.
Shift Lock Solenoid	Under center console, at base of shift lever assembly.
Torque Converter Clutch Solenoid Valve	On torque converter housing.
VTEC Solenoid Valve	At front of engine, on oil pump housing extension.

SWITCHES

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SWITCHES LOCATION

Component	Component Location
A/C Pressure Switch	At right side of engine compartment.
A/T Shift Switch	Under center console, on shifter assembly.
Brake Fluid Level Switch	Integral to brake fluid reservoir cap.
Brake Pedal Position Switch	At top of brake pedal arm.
Moon Roof Limit Switch	At middle of roof, rear of moon roof opening.
Oil Pressure Switch	On front of engine, at top right of oil pump housing.
Parking Brake Switch	At top of parking brake pedal.
Power Steering Pressure (PSP) Switch	On power steering pressure line, near gearbox. See Fig. 1 .
Radiator Fan Switch A	At rear of engine, on thermostat cover.
Radiator Fan Switch B	On front of left cylinder head.
Radiator Fan Switch C	On bottom lower left of radiator.
Security Hood Switch	At center front of engine compartment.
Transmission Range Switch	On transaxle end cover.
VTEC Oil Pressure Switch	On lower right front of engine.
Windshield Washer Fluid Level Switch	Behind right side of front bumper, on washer reservoir.
3RD Clutch Pressure Switch	On transaxle end cover.
4TH Clutch Pressure Switch	On transaxle end cover.

MISCELLANEOUS

MISCELLANEOUS LOCATION

Component	Component Location
Antenna Amplifier	At rear middle of roof.
Data Link Connector (DLC)	Lower left side of dash, behind lower cover. See Fig. 5 .
Front Blower Power Transistor	On bottom of blower unit, next to front blower motor. See Fig. 4 .
Front Stereo Amplifier	Under center console.
GPS Antenna	Behind upper center of dash, behind center panel.
Ignition Coils No. 1-6	On top of respective spark plug.
Junction Connector C104	At center of engine compartment.
Junction Connector C105	At left side of engine compartment.
Junction Connector C106	Under center of dash.
Junction Connector C107	Under center of dash.
Multiplex Control Inspection Connector	Behind left side of dash.
Navigationation Service Check Connector	Under right front seat.
Power Transistor	In dust and pollen filter housing.

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Rear Blower Power Transistor	Under center console.
Rear Stereo Amplifier	At right side of cargo area.
Test Tachometer Connector	At left side of engine compartment.

CONNECTORS**CONNECTORS LOCATION**

Component	Component Location
C101 (Gray, 14 Pin)	At left side of engine compartment.
C102 (Gray, 10 Pin)	At left side of engine compartment.
C103 (Gray, 1 Pin)	At left side of engine compartment.
C151 (Gray, 8 Pin)	At left side of engine compartment.
C161 (Gray, 1 Pin)	At right side of engine compartment.
C201 (Light Blue, 16 Pin)	Under right side of dash.
C202 (Brown, 7 Pin)	Under right side of dash.
C203 (Gray, 20 Pin)	Behind right kick panel.
C301 (Gray, 20 Pin)	Under left side of dash.
C302 (Brown, 2 Pin)	Under left side of dash.
C303 (Blue, 16 Pin)	Under left side of dash.
C401 (Light Blue, 24 Pin)	Under left side of dash.
C402 (Gray, 14 Pin)	Under left side of dash.
C403 (Light Blue, 16 Pin)	Under center of dash.
C404 (Brown, 3 Pin)	Under center of dash.
C501 (Gray, 4 Pin)	Under center of dash.
C551 (Light Blue, 6 Pin)	Under left side of dash.
C552 (Brown, 5 Pin)	Under left side of dash.
C581 (Gray, 14 Pin)	Behind right kick panel.
C601 (Gray, 12 Pin)	Under left side of dash.
C602 (Gray, 10 Pin)	Under left side of dash.
C603 (Brown, 3 Pin)	Under center of dash.
C604 (Gray, 12 Pin)	At left "B" pillar.
C605 (Gray, 20 Pin)	At right side of cargo area.
C606 (Gray, 14 Pin)	At left side of cargo area.
C631 (Light Blue, 16 Pin)	Under center of dash.
C632 (W/DPMS) (Gray, 12 Pin)	Under center of dash.
C633 (W/DPMS) (Gray, 18 Pin)	Under left front seat.
C633 (W/O DPMS) (Gray, 10 Pin)	Under left front seat.
C634 (W/DPMS) (Gray, 10 Pin)	Under right front seat.
C634 (W/O DPMS) (Gray, 6 Pin)	Under right front seat.
C635 (Gray, 4 Pin)	Under right front seat.
C651 (Light Blue, 24 Pin)	Behind right kick panel.

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C652 (W/O Bose) (Brown, 2 Pin)	Under right side of dash.
C653 (Gray, 12 Pin)	At right "B" pillar.
C654 (W/Bose) (Gray, 3 Pin)	At right side of cargo area.
C681 (W/Bose) (Light Blue, 24 Pin)	Under center of dash.
C682 (W/Navigation) (W/Bose) (Gray, 4 Pin)	Under center of dash.
C682 (W/Navigation) (W/O Bose) (Gray, 3 Pin)	Under center of dash.
C683 (W/Navigation) (W/Bose) (Gray, 20 Pin)	Under center of dash.
C683 (W/Navigation) (W/O Bose) (Light Blue, 24 Pin)	Under center of dash.
C701 (W/DPMS) (Blue, 16 Pin)	Under left side of dash.
C702 (Gray, 4 Pin)	At left front door.
C751 (W/DPMS) (Blue, 16 Pin)	Behind right kick panel.
C801 (Yellow, 8 Pin)	Under left side of dash.
C802 (Yellow, 4 Pin)	Under center of dash.
C803 (Yellow, 4 Pin)	Under center of dash.
C804 (Yellow, 2 Pin)	Under center console.
C805 (Yellow, 2 Pin)	Under center of dash.
C851 (Light Blue, 6 Pin)	Behind tailgate trim panel.
C852 (Brown, 2 Pin)	Behind tailgate trim panel.
C853 (Gray, 3 Pin)	Behind tailgate trim panel.
C951 (Gray, 2 Pin)	Under middle of console.

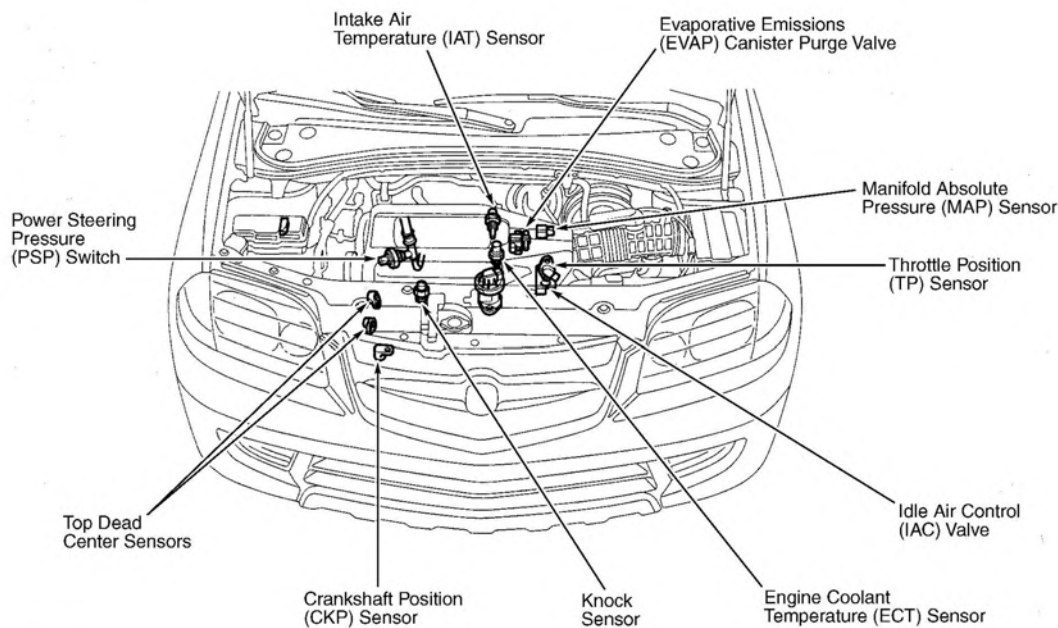
GROUND S

GROUND S LOCATION

Component	Component Location
G101	At left rear of engine. See Fig. 2 .
G102	At right front of engine, near power steering pump. See Fig. 2 .
G151	At rear of transaxle.
G201	Behind right headlight. See Fig. 2 .
G301	At left rear of engine compartment. See Fig. 2 .
G302	Below driver's underdash fuse/relay box.
G401	Behind upper left end of dash. See Fig. 3 .
G501	Behind left end of dash. See Fig. 3 .
G502	Behind right center of dash. See Fig. 3 .
G503	Behind right end of dash. See Fig. 3 .
G601	Below left front seat.
G602	Above left rear fender.
G631	Below center console, behind shifter.
G651	Below right front seat.
G652	Above right rear fender.
G801	Below left center of dash.

COMPONENT LOCATION GRAPHICS

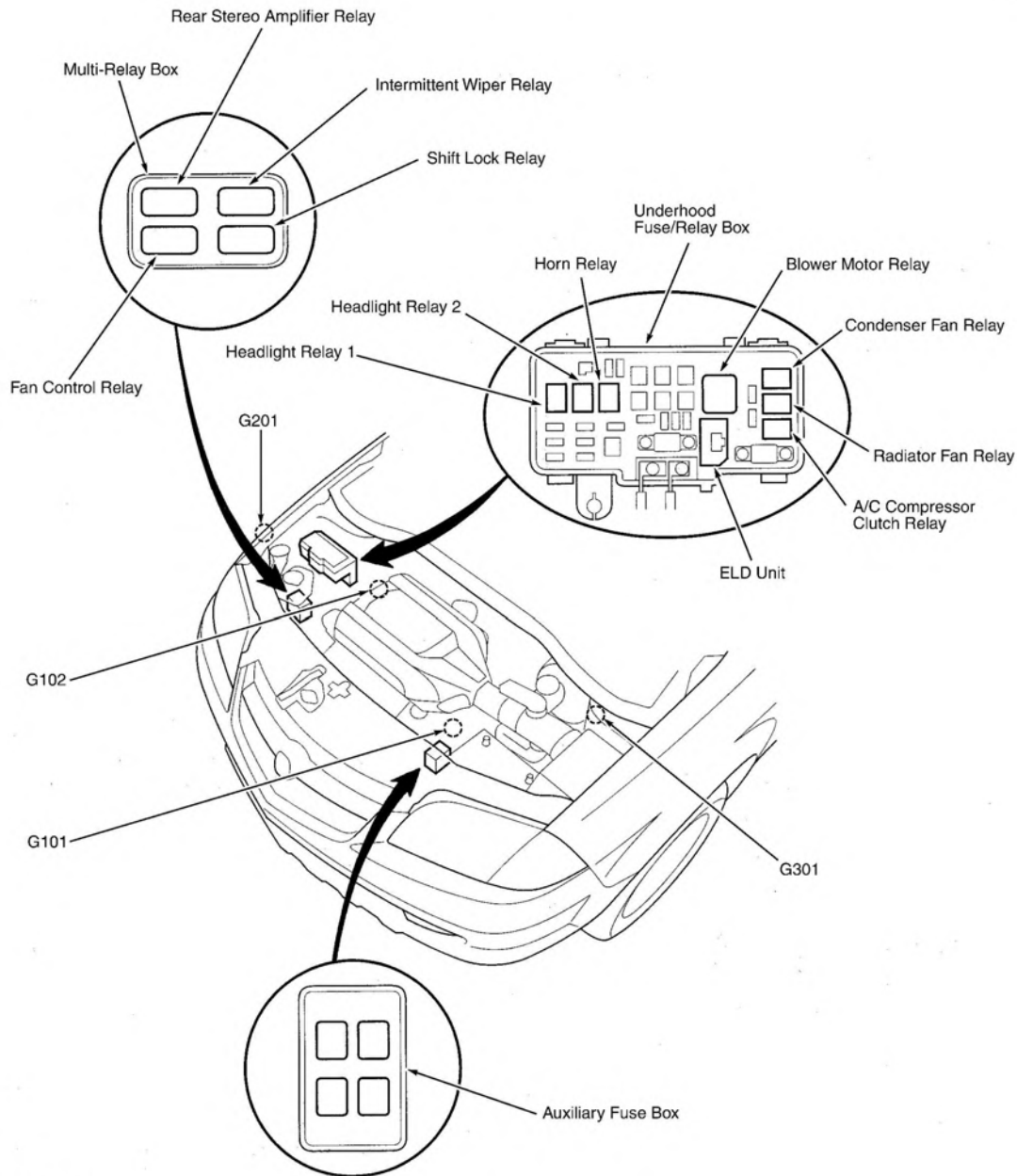
NOTE: Figures may show multiple component locations. Refer to appropriate table for proper figure references.



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Fig. 1: Engine Compartment

Courtesy of AMERICAN HONDA MOTOR CO., INC.

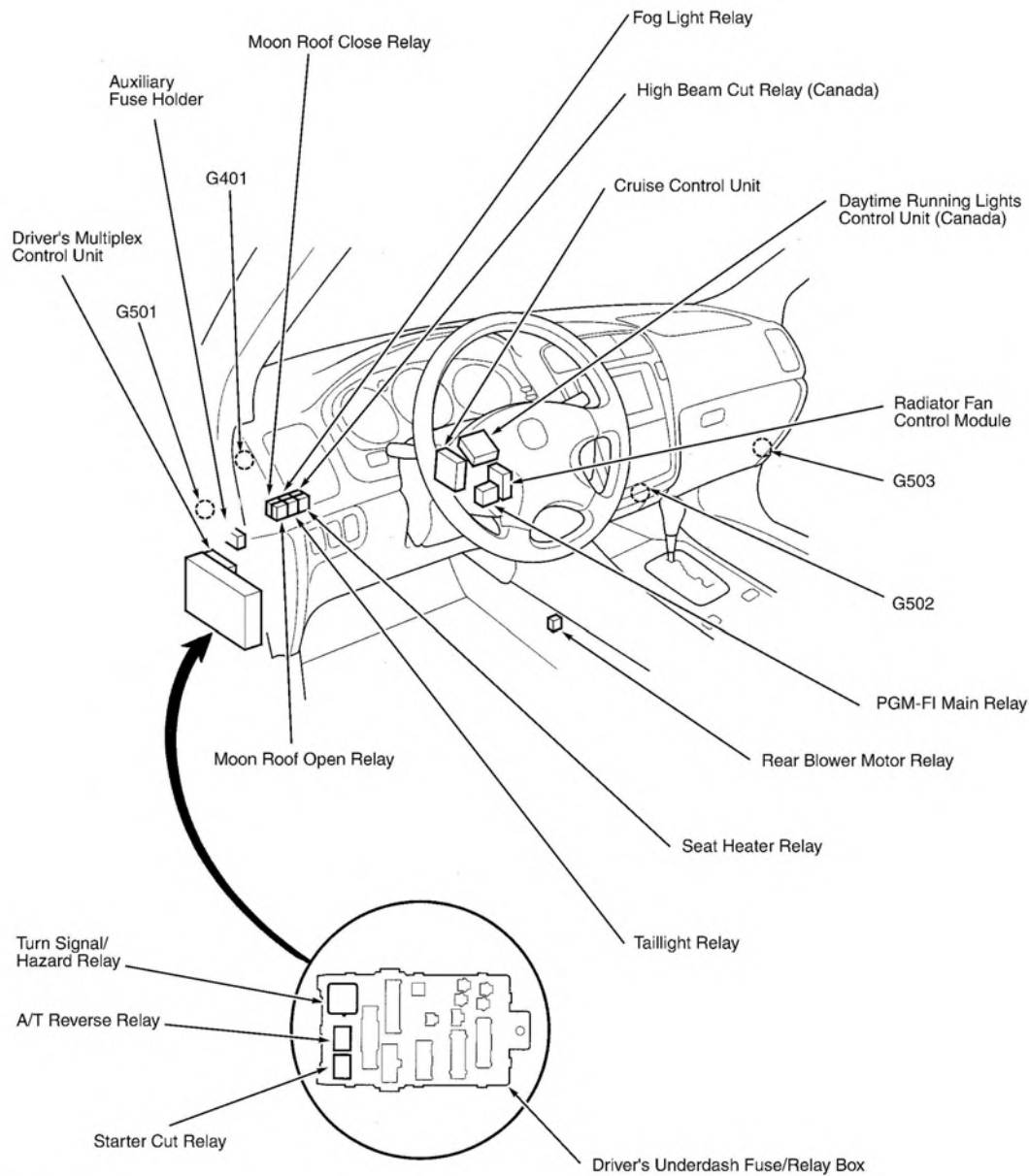


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Fig. 2: Engine Compartment
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

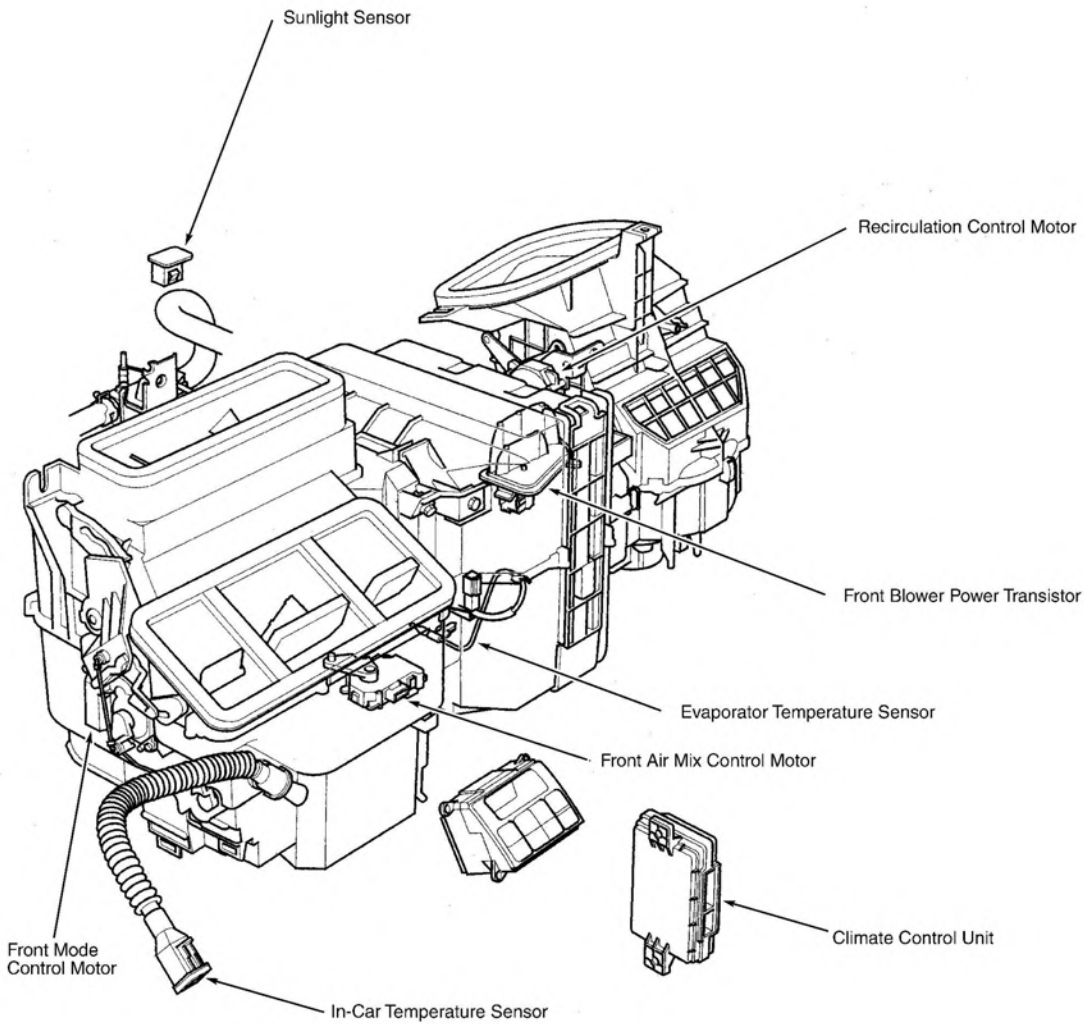
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Fig. 3: Dash
Courtesy of AMERICAN HONDA MOTOR CO., INC.

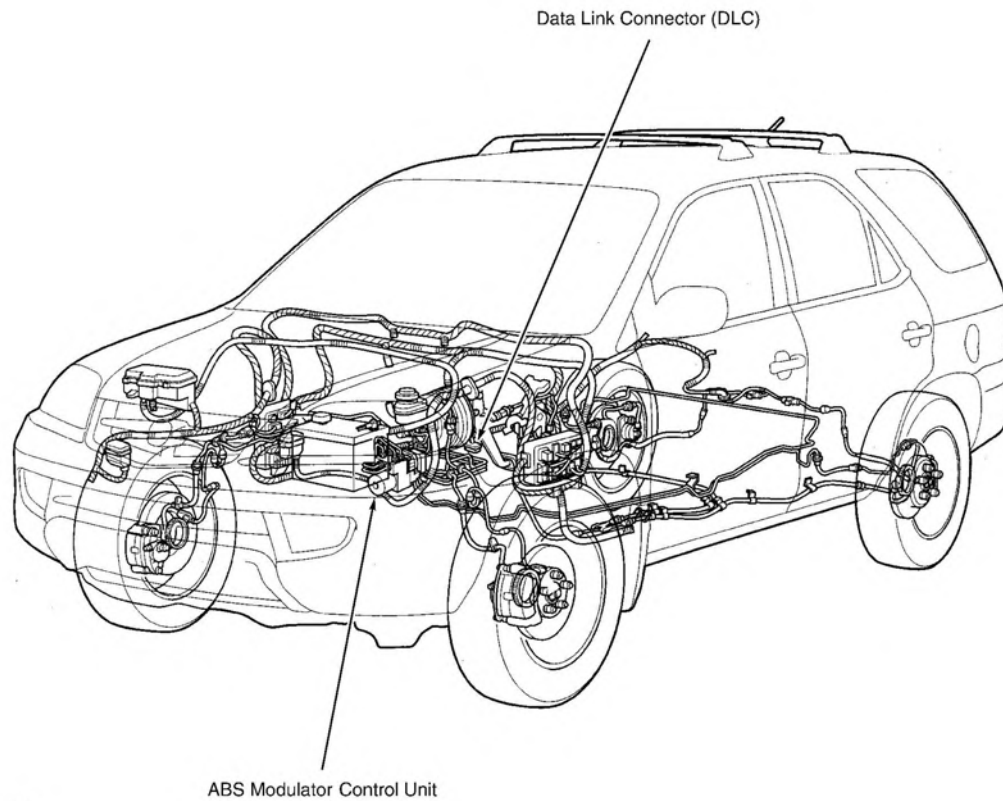


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Fig. 4: HVAC Assembly
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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Fig. 5: Left Side Of Vehicle
Courtesy of AMERICAN HONDA MOTOR CO., INC.