SAFETY PRECAUTION

WARNING: When working on vehicles equipped with Supplemental Restraint System (SRS), never apply electrical voltage to the system. This could cause the SRS (air bag) to be deployed.

BUZZERS, RELAYS & TIMERS

<table>
<thead>
<tr>
<th>Component</th>
<th>Component Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS Control Relay</td>
<td>On relay block No. 5, right front of engine compartment.</td>
</tr>
<tr>
<td>A/C Condenser Fan Relays No. 2 &amp; 3</td>
<td>On relay block No. 5, right front of engine compartment.</td>
</tr>
<tr>
<td>A/C Magnetic Clutch Relay</td>
<td>On relay block No. 5, right front of engine compartment.</td>
</tr>
<tr>
<td>Circuit Opening Relay (1.8L, 7A-FE Engine)</td>
<td>Under center of dash, forward of engine control module.</td>
</tr>
</tbody>
</table>
Circuit Opening Relay (2.2L, 5S-FE Engine)  Under center of dash, forward of engine control module.
Daytime Running Light Relay
(Canada)                                Below dash, behind center console.

Daytime Running Light Relay (DRL)
(U.S.A.)
  DRL No. 2                            On relay block No. 6.
  DRL No. 3                            On relay block No. 6.
  DRL No. 4                            On relay block No. 6.
Defogger Relay
On junction/relay block No. 1, behind left kick panel.

Door Lock Control Relay
Mounted under center console, in front of gear selector.
EFI Main Relay (1.8L 7A-FE) On junction/relay block No. 2, near battery.
EFI Main Relay (2.2L 5S-FE) On junction/relay block No. 2, near battery.

Engine Main Relay On junction/relay block No. 2, near battery.

Foglight Relay On fuse/relay block No. 3, behind right kick panel.

Fuel Pump Relay (All-Trac/4WD) On relay block No. 5, right front of engine compartment.

Headlight Control Relay On junction/relay block No. 2, near battery.

Heater Relay On fuse/relay block No. 4, behind right kick panel.
Horn Relay  
On relay block No. 6.

Integration Relay  
On back side of junction/relay block No. 1.

Power Main Relay  
On fuse/relay block No. 2, next to junction block No. 2.

Radiator Fan Relay No. 1  
On junction block No. 2, near battery.
Radiator Fan Relay No. 2 & No. 3  
On relay block No. 5, right front engine compartment.

Rear Wiper Relay  
Inside liftgate, on rear window wiper motor.

Starter Relay  
On fuse/relay block No. 2, near battery.

Sun Roof Control Relay  
In front of sun roof opening.

Taillight Control Relay  
On junction/relay block No. 1, behind left kick panel.

Turn Signal/Flasher  
On junction/relay block No. 1, behind left kick panel.

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**CIRCUIT PROTECTION DEVICES**

<table>
<thead>
<tr>
<th>Component</th>
<th>Component Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuse/Relay Blocks</td>
<td></td>
</tr>
<tr>
<td>Fuse/Relay Block No. 2</td>
<td>Engine compartment, next to junction No. 2.</td>
</tr>
<tr>
<td>Fuse/Relay Block No. 3</td>
<td>Behind right kick panel.</td>
</tr>
<tr>
<td>Fuse/Relay Block No. 4</td>
<td></td>
</tr>
<tr>
<td>Fuse/Relay Block No. 5</td>
<td>Right front corner of engine compartment.</td>
</tr>
</tbody>
</table>
Fuse/Relay Block No. 6
Front of engine compartment.

Junction/Relay Blocks

- Door Lock Control Relay
- Engine Control Module (ECM)
- Junction Box
- Junction/Relay Block No. 1
- Integration Relay
- Junction/Relay Block No. 2
- A/C Control Unit
- A/C Amplifier
- Cruise Control ECU
- Daytime Running Light Relay (Canada)
- Air Bag Center Sensor
- Fuse Relay Block No. 3
- Fuse Relay Block No. 4

95124123
Junction/Relay Block No. 1
Behind left kick panel.

Junction/Relay Block No. 2
In engine compartment, near battery.
CONTROL UNITS

<table>
<thead>
<tr>
<th>Component</th>
<th>Component Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS ECU</td>
<td>Under left side of dash by steering column.</td>
</tr>
</tbody>
</table>

Junction Box: Behind kick panel, next to block No. 1.
A/C Control Unit: Center of the dash, behind ashtray.
Cruise Control ECU: Behind right kick panel.

Door Lock ECU: Behind center of dash, behind ashtray.
ECM (Passenger Compartment View)
(Engine Control Module (ECM))

Behind front of center console.
ECM (Engine Control Module (ECM))
Behind front of center console.
ECM (1.8L 7A-FE Engine)  
(Engine Control Module (ECM))  

Behind front of center console.
ECM (2.2L 5S-FE Engine)  (Engine Control Module (ECM))  Behind front of center console.

Electronic-Controlled Transmission ECU  Integrated within engine control module.

**MOTORS**

<table>
<thead>
<tr>
<th>Component</th>
<th>Component Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS Actuator</td>
<td>Right front corner of engine compartment.</td>
</tr>
</tbody>
</table>
A/C-Heater System Motors

Air Inlet Servomotor
Behind glove box, on top left side of blower housing.

Air Outlet Control Servomotor
On left side of heater unit assembly.

Auto. Tilt Steering Motor
Inside steering column tilt assembly.

Front Windshield Wiper Motor
On left rear corner of engine compartment, near brake booster.

Rear Windshield Wiper Motor
Inside liftgate.

Sun Roof Motor
In front of sun roof opening, above control switch.

Windshield Washer Motor
On right front corner of engine compartment.

SENDING UNITS & SENSORS

<table>
<thead>
<tr>
<th>Component</th>
<th>Component Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS Speed Sensors</td>
<td>One sensor mounted to each wheel hub.</td>
</tr>
<tr>
<td>A/C-Heater System</td>
<td></td>
</tr>
<tr>
<td>Evaporator Temperature Sensor</td>
<td>On the evaporator, inside the cooling unit.</td>
</tr>
<tr>
<td>Revolution Sensor</td>
<td>On rear of A/C compressor.</td>
</tr>
<tr>
<td>Air Bag Sensors</td>
<td></td>
</tr>
<tr>
<td>Center Sensor</td>
<td>Mounted under center console, in front of gear selector.</td>
</tr>
<tr>
<td>Impact Sensors</td>
<td>On top of left and right inner fender panels.</td>
</tr>
</tbody>
</table>
Coolant Temp. Sensor (Passenger Compartment View) - Threaded into top of coolant outlet flange nearest cylinder head.
Coolant Temp. Sensor (1.8L 7A-FE Engine)  Threaded into top of coolant outlet flange nearest cylinder head.

EGR Temperature Sensor (Calif.)

MAP Sensor

A/C Idle-Up VSV

Engine Control Module (ECM)

Knock Sensor

Circuit Opening Relay

Intake Air Temperature Sensor

EGR VSV

EFI Main Relay

Oxygen Sensor (Main)

Oxygen Sensor (Sub) (Calif.)

Coolant Temperature Sensor

7A-FE ENGINE
Coolant Temp. Sensor (2.2L 5S-FE Engine)

Threaded into top of coolant outlet flange nearest cylinder head.
EGR Temperature Sensor (Calif.)

MAP Sensor

EGR VSV

Knock Sensor

A/C Idle-Up VSV

Engine Control Module (ECM)

Circuit Opening Relay

Intake Air Temperature Sensor

Oxygen Sensor (Main)

Coolant Temperature Sensor

Oxygen Sensor (Sub) (Calif.)

EFI Main Relay

7A-FE ENGINE
EGR Temp. Sensor (2.2L, Calif.) Mounted on side of EGR valve.
Intake Air Temp. Sensor (1.8L 7A-FE Engine) mounted to air cleaner assembly or in air intake duct.
Intake Air Temp. Sensor (2.2L 5S-FE Engine)  Mounted to air cleaner assembly or in air intake duct.
Knock Sensor (1.8L 7A-FE) On intake side of cylinder block, near No. 1 cylinder.
Knock Sensor (2.2L 5S-FE)  

On intake side of cylinder block, near No. 1 cylinder.
MAP Sensor (1.8L 7A-FE)  In engine compartment, near right side of firewall.
MAP Sensor (2.2L 5S-FE)                 In engine compartment, near right side of firewall.
Oxygen Sensor (Main)

Fuel Pressure VSV

A/C Idle-Up VSV

MAP Sensor

EGR Temperature Sensor (California)

Circuit Opening Relay

Engine Control Module (ECM)

Intake Air Temperature Sensor

EFI Main Relay

Coolant Temperature Sensor

Oxygen Sensor (Sub) (California)

Knock Sensor

O’ Sensor (2.2L 5S-FE, Main) In exhaust manifold.
O2 Sensor (1.8L 7A-FE, Sub (Calif.) In exhaust manifold after TWC.
Sensor (2.2L 5S-FE, Calif.)
In exhaust manifold after TWC.
Throttle Position Sensor
On throttle body.

Vehicle Speed Sensors
VSS No. 1
On rear of speedometer assembly.
Solenoids & Solenoid Valves

<table>
<thead>
<tr>
<th>Component</th>
<th>Component Location</th>
</tr>
</thead>
</table>

- Door Lock Control Relay
- Engine Control Module (ECM)
- Junction Box
- Junction/Relay Block No. 1
- A/C Control Unit
- Integration Relay
- Junction/Relay Block No. 3
- Fuse Relay Block No. 4
- Cruise Control ECU
- A/C Amplifier
- Daytime Running Light Relay (Canada)
- Air Bag Center Sensor

VSS No. 2
Mounted to top of transaxle.
A/C Idle-Up Vacuum Switching Valve (VSV)                  In engine compartment, on right side of firewall.
Switching Valve (VSV)                   In engine compartment, on right side of firewall.
A/T Solenoid Valves No. 1 & 2

On transaxle valve body.
EGR VSV (1.8L 7A-FE Engine)
(Vacuum Switching Valve (VSV))
Near EGR valve.
EGR VS (2.2L 5S-FE Engine)
(Vacuum Switching Valve (VSV))
Near EGR valve.

Idle Air Control (IAC) Valve
On throttle body.

Key Interlock Solenoid
On steering column, mounted to ignition lock cylinder assembly.
Shift Lock Solenoid (A/T)  Mounting on left side of transaxle.

Tension Reducer Solenoid  Mounting in seat belt retractor assembly.

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**SWITCHES**

<table>
<thead>
<tr>
<th>Component</th>
<th>Component Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Control Module (ECM)</td>
<td></td>
</tr>
<tr>
<td>Junction/relay Block No. 1</td>
<td></td>
</tr>
<tr>
<td>Integration Relay</td>
<td></td>
</tr>
<tr>
<td>Junction Box</td>
<td></td>
</tr>
<tr>
<td>Door Lock Control Relay</td>
<td></td>
</tr>
<tr>
<td>Junction/relay Block No. 3</td>
<td></td>
</tr>
<tr>
<td>A/C Control Unit</td>
<td></td>
</tr>
<tr>
<td>A/C Amplifier</td>
<td></td>
</tr>
<tr>
<td>Air Bag Center Sensor</td>
<td></td>
</tr>
<tr>
<td>Cruise Control ECU</td>
<td></td>
</tr>
<tr>
<td>Fuse Relay Block No. 4</td>
<td></td>
</tr>
<tr>
<td>Daytime Running Light Relay</td>
<td></td>
</tr>
<tr>
<td>(Canada)</td>
<td></td>
</tr>
</tbody>
</table>
A/C Cooling Fan Temp. Switch  On top of radiator.
A/C Pressure Switch  On A/C line, in right rear corner of engine compartment.
Back-Up Light Switch (M/T)  On top of transaxle.
Brake Fluid Warning Switch  On brake fluid reservoir.

Brake/Stoplight Switch  On brake pedal bracket.
Clutch Start Switch  On clutch pedal bracket.
Key Unlock Warning Switch  On steering column, next to
Low Oil Pressure Warning Switch

1.8L 7A-FE
On left side of engine, near oil filter.

2.2L 5S-FE
On left rear of cylinder head.
Park/Neutral Position Switch (A/T)  
On left side of transaxle.

Parking Brake Switch  
At base of parking brake lever.

Seat Belt Buckle Switch  
At base of driver’s seat belt buckle.

Sun Roof Control & Limit Switches  
In sun roof front opening rail, near sun roof motor.
<table>
<thead>
<tr>
<th>Component</th>
<th>Component Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>A/C Amplifier</td>
<td>Behind center of dash, next to A/C control.</td>
</tr>
<tr>
<td>A/C Control Unit</td>
<td></td>
</tr>
<tr>
<td>Junction/Relay Block No. 1</td>
<td></td>
</tr>
<tr>
<td>Integration Relay</td>
<td></td>
</tr>
<tr>
<td>Door Lock Control Relay</td>
<td></td>
</tr>
<tr>
<td>Engine Control Module (ECM)</td>
<td></td>
</tr>
<tr>
<td>Junction Box</td>
<td></td>
</tr>
<tr>
<td>Junction/Relay Block No. 3</td>
<td></td>
</tr>
<tr>
<td>Cruise Control ECU</td>
<td></td>
</tr>
<tr>
<td>Daytime Running Light Relay (Canada)</td>
<td></td>
</tr>
<tr>
<td>Fuse Relay Block No. 4</td>
<td></td>
</tr>
<tr>
<td>Air Bag Center Sensor</td>
<td></td>
</tr>
<tr>
<td>Blower Resistor</td>
<td>Behind glove box, mounted to right front side of evaporator</td>
</tr>
<tr>
<td>Component</td>
<td>Location</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Data Link Connector (DLC)</td>
<td>In left rear of engine compartment, behind strut tower.</td>
</tr>
<tr>
<td>Igniter</td>
<td>Under left side of dash.</td>
</tr>
<tr>
<td>Thermistor</td>
<td>Behind glove box, on the evaporator.</td>
</tr>
</tbody>
</table>