

2007 Saturn Outlook XR

2007 GENERAL MOTORS Acadia & Outlook

2007 GENERAL MOTORS**Acadia & Outlook****BUZZERS, RELAYS & TIMERS****BUZZERS, RELAYS & TIMERS LOCATION**

Component	Location
A/C CMPRSR CLTCH Relay	In underhood fuse block. See Fig. 1.
DRL Relay	In I/P fuse block. See Fig. 2.
DRL 2 Relay	In I/P fuse block. See Fig. 2.
FAN 1 Relay	In underhood fuse block. See Fig. 1.
FAN 2 Relay	In underhood fuse block. See Fig. 1.
FAN 3 Relay	In underhood fuse block. See Fig. 1.
FOG LAMP Relay	In underhood fuse block. See Fig. 1.
FRT/WSW Relay	In I/P fuse block. See Fig. 2.
FUEL PUMP Relay	In underhood fuse block. See Fig. 1.
HI BEAM Relay	In underhood fuse block. See Fig. 1.
HID/LO BEAM Relay	In underhood fuse block. See Fig. 1.
HORN Relay	In underhood fuse block. See Fig. 1.
IGN Relay	In underhood fuse block. See Fig. 1.
LCK Relay	In I/P fuse block. See Fig. 2.
L/GATE Relay	In I/P fuse block. See Fig. 2.
LT TRLR STOP/TRN Relay	In underhood fuse block. See Fig. 1.
LT/UNLCK Relay	In I/P fuse block. See Fig. 2.
PRK LAMP Relay	In underhood fuse block. See Fig. 1.
PWR/TRN Relay	In underhood fuse block. See Fig. 1.
REAR/WSW Relay	In I/P fuse block. See Fig. 2.
RR DEFOG Relay	In underhood fuse block. See Fig. 1.
RT TRLR STOP/TRN Relay	In underhood fuse block. See Fig. 1.
TRLR BCK UP Relay	In underhood fuse block. See Fig. 1.
UNLCK Relay	In I/P fuse block. See Fig. 2.
WPR HI Relay	In underhood fuse block. See Fig. 1.

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WPR Relay

In underhood fuse block. See **Fig. 1.**

CIRCUIT PROTECTION DEVICES

CIRCUIT PROTECTION DEVICES LOCATION

Component	Location
Fuse Block - I/P	Behind right end of dash. See Fig. 55.
Fuse Block - Underhood	Above right front wheelwell. See Fig. 53.

CONTROL UNITS

CONTROL UNITS LOCATION

Component	Location
Accessory AC/DC Power Control Module	Behind left rear interior trim panel. See Fig. 17.
Blower Motor Control Module	Behind glove box, in front of blower motor. See Fig. 34.
Blower Motor Control Module - Auxiliary	On rear HVAC module. See Fig. 35.
Body Control Module (BCM)	Under left side of dash. See Fig. 12.
Driver Door Module (DDM)	In driver's door arm rest. See Fig. 13.
Electronic Brake Control Module (EBCM)	Left side of engine compartment. See Fig. 3.
Engine Control Module (ECM)	Left front corner of engine compartment. See Fig. 26.
Heated Seat Control Module - Driver (Power Seat)	Under driver's seat. See Fig. 40.
Inflatable Restraint Sensing & Diagnostic Module	Under floor console. See Fig. 6.
Liftgate Module (LGM)	Near base of left "D" pillar. See Fig. 17.
Memory Seat Module	Under driver's seat. See Fig. 41.
	In front passenger's door arm rest. See

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Passenger Door Module (DDM)	Fig. 14.
Passenger Presence System (PPS) Module	Integral to inflatable restraint front passenger presence System (PPS) sensor. See Fig. 42.
Rear Parking Assist (RPA) Module	Behind left rear interior trim panel. See Fig. 17.
Sunroof Control Module	Front of sunroof assembly. See Fig. 43.
Sunroof Shade Module	Center rear of roof. See Fig. 43.
Theft Deterrent Control Module	In steering column, at ignition switch. See Fig. 5.
Transfer Case Shift Control Module	Mounted above rear differential. See Fig. 50.
Vehicle Communication Unit (VCU)	Behind left rear interior trim panel. See Fig. 17.

MOTORS**MOTORS LOCATION**

Component	Location
Air Temperature Actuator - Auxiliary	On rear HVAC module. See Fig. 35.
Air Temperature Actuator - Left	Left side of HVAC module. See Fig. 34.
Air Temperature Actuator - Right	Right side of HVAC module. See Fig. 34.
Blower Motor	Part of HVAC module, behind glove box. See Fig. 34.
Blower Motor - Auxiliary	On rear HVAC module. See Fig. 35.
Cooling Fan - Left	Mounted to rear left side of radiator. See Fig. 28.
Cooling Fan - Right	Mounted to rear right side of radiator. See Fig. 28.
Door Latch Assembly - Driver	Rear of driver's door. See Fig. 13.
	Rear of front passenger's door. See

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Door Latch Assembly - Passenger	Fig. 14.
Door Latch - LR	Rear of left rear door. See Fig. 15.
Door Latch - RR	Rear right rear door. See Fig. 16.
Fuel Pump & Sender Assembly	In fuel tank. See Fig. 27.
Liftgate Motor Assembly	Near base of left "D" pillar. See Fig. 17.
Mode Actuator	Right side of HVAC module. See Fig. 34.
Mode Actuator - Auxiliary	On rear HVAC module. See Fig. 35.
Outside Rearview Mirror - Driver	On driver's door. See Fig. 13.
Outside Rearview Mirror - Passenger	On front passenger's door. See Fig. 14.
Rear Window Washer Fluid Pump	On washer fluid reservoir. See Fig. 28.
Rear Window Wiper Motor	Center of liftgate. See Fig. 30.
Recirculation Actuator	On right side of HVAC module. See Fig. 36.
Seat Front Vertical Motor - Driver (Power Memory Seat)	Under driver's seat. See Fig. 41.
Seat Front Vertical Motor - Driver (Power Seat)	Under driver's seat. See Fig. 40.
Seat Horizontal Motor - Driver (Power Memory Seat)	Under driver's seat. See Fig. 41.
Seat Horizontal Motor - Driver (Power Seat)	Under driver's seat. See Fig. 40.
Seat Horizontal Motor - Passenger	Under front passenger's seat. See Fig. 42.
Seat Lumbar Horizontal Motor - Driver (Power Memory Seat)	In driver's seat back. See Fig. 41.
Seat Lumbar Horizontal Motor - Driver (Power Seat)	In driver's seat back. See Fig. 40.
Seat Lumbar Horizontal Motor - Passenger	In front passenger's seat back. See Fig. 42.
Seat Lumbar Vertical Motor - Driver (Power Memory Seat)	In driver's seat back. See Fig. 41.

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Seat Lumbar Vertical Motor - Driver (Power Seat)	In driver's seat back. See Fig. 40.
Seat Lumbar Vertical Motor - Passenger	In front passenger's seat back. See Fig. 42.
Seat Rear Vertical Motor - Driver (Power Memory Seat)	Under driver's seat. See Fig. 41.
Seat Rear Vertical Motor - Driver (Power Seat)	Under driver's seat. See Fig. 40.
Seat Recline Motor - Driver (Power Memory Seat)	In driver's seat back. See Fig. 41.
Seat Recline Motor - Driver (Power Seat)	In driver's seat back. See Fig. 40.
Seat Recline Motor - Passenger	In front passenger's seat back. See Fig. 42.
Starter Motor	Lower left rear of engine. See Fig. 29.
Telescope Actuator	At bottom of steering column. See Fig. 5.
Throttle Body	Top rear of engine. See Fig. 22.
Tilt Motor	On underside of steering column. See Fig. 5.
Variable Effort Steering Actuator	On steering gear. See Fig. 51.
Window Motor - Driver	Middle of driver's door. See Fig. 13.
Window Motor - LR	Middle of left rear door. See Fig. 15.
Window Motor - Passenger	Middle of front passenger's door. See Fig. 14.
Window Motor - RR	Middle of right rear door. See Fig. 16.
Windshield Washer Fluid Pump	On washer fluid reservoir. See Fig. 28.
Windshield Wiper Motor	Left rear of engine compartment. See Fig. 52.

SENDING UNITS & SENSORS

SENDING UNITS & SENSORS LOCATION

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Component	Location
Accelerator Pedal Position (APP) Sensor	Above accelerator pedal. See Fig. 12.
A/C Refrigerant Pressure Sensor	Near rear of A/C compressor. See Fig. 32.
Air Temperature Sensor - Lower Left	Rear left end of HVAC module. See Fig. 34.
Air Temperature Sensor - Lower Right	Rear right end of HVAC module. See Fig. 34.
Air Temperature Sensor - Upper Left	Front left end of HVAC module. See Fig. 34.
Air Temperature Sensor - Upper Right	Front right end of HVAC module. See Fig. 34.
Ambient Air Temperature Sensor (Exterior)	Behind left side of front fascia. See Fig. 31.
Ambient Air Temperature Sensor (Interior)	Under left side of dash, right of steering column. See Fig. 33.
A/Trans Input Speed Sensor Assembly	In transmission. See Fig. 8.
A/Trans Output Speed Sensor Assembly	Inside transmission. See Fig. 8.
Barometric Pressure (BARO) Sensor	Top left rear of engine. See Fig. 22.
Battery Current Sensor	Behind front passenger's seat. See Fig. 71.
Brake Booster Vacuum Sensor	Bottom of vacuum booster. See Fig. 3.
Brake Pedal Position Sensor	Top of brake pedal assembly. See Fig. 12.
Camshaft Position (CMP) Sensor - Exhaust Bank 1	Front of right cylinder head. See Fig. 24.
Camshaft Position (CMP) Sensor - Exhaust Bank 2	Front of left cylinder head. See Fig. 24.
Camshaft Position (CMP) Sensor - Intake Bank 1	Front of right cylinder head. See Fig. 24.
Camshaft Position (CMP) Sensor -	Front of left cylinder head. See Fig.

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Intake Bank 2	24.
Crankshaft Position (CKP) Sensor	Right rear of engine block. See Fig. 25.
Engine Coolant Temperature (ECT) Sensor	Left side of engine. See Fig. 21.
Evaporator Temperature Sensor	Right side of HVAC module. See Fig. 34.
Fuel Pump & Sender Assembly	In fuel tank. See Fig. 27.
Fuel Tank Pressure (FTP) Sensor	On fuel pump and sender assembly. See Fig. 27.
Heated Oxygen Sensor (HO2S)	In exhaust, downstream of catalytic converter. See Fig. 25.
Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1	Right side of engine, in exhaust manifold. See Fig. 25.
Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1	Left side of engine, in exhaust manifold. See Fig. 21.
Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2	In exhaust, downstream of catalytic converter. See Fig. 21.
Inflatable Restraint Front End Sensor - Left	Left side of front fascia. See Fig. 44.
Inflatable Restraint Front End Sensor - Right	Right side of front fascia. See Fig. 44.
Inflatable Restraint Front Passenger Presence System (PPS) Sensor	Under front passenger's seat cushion. See Fig. 42.
Inflatable Restraint Seat Position Sensor - Driver	Under driver's seat. See Fig. 41.
Inflatable Restraint Seat Position Sensor - Passenger	Under front passenger's seat. See Fig. 42.
Inflatable Restraint Side Impact Sensing Module (SISM) - Left	In driver's door. See Fig. 13.
Inflatable Restraint Side Impact Sensing Module (SISM) - LR	In left rear door. See Fig. 15.
Inflatable Restraint Side Impact	In front passenger's door. See Fig. 14.

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Sensing Module (SISM) - Right	
Inflatable Restraint Side Impact Sensing Module (SISM) - RR	In right rear door. See Fig. 16.
Inflatable Restraint Vehicle Rollover Sensor	Under floor console. See Fig. 6.
Knock Sensor (KS) 1	Center right side of engine. See Fig. 25.
Knock Sensor (KS) 2	Center left side of engine. See Fig. 21.
Liftgate Object Sensor - Left	On left edge of liftgate. See Fig. 30.
Liftgate Object Sensor - Right	On right edge of liftgate. See Fig. 30.
Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor	At left side of engine compartment, near air cleaner assembly. See Fig. 26.
Object Sensor - LR Corner	Behind left corner of rear bumper. See Fig. 18.
Object Sensor - LR Middle	Behind middle of rear bumper. See Fig. 18.
Object Sensor - RR Corner	Behind right corner of rear bumper. See Fig. 18.
Object Sensor - RR Middle	Behind middle of rear bumper. See Fig. 18.
Seat Front Vertical Position Sensor	Under driver's seat. See Fig. 41.
Seat Horizontal Position Sensor	Under driver's seat. See Fig. 41.
Seat Rear Vertical Position Sensor	Under driver's seat. See Fig. 41.
Seat Recline Position Sensor	In driver's seat back. See Fig. 41.
Steering Wheel Speed Position Sensor	Top of steering column. See Fig. 5.
Sunload Sensor/Ambient Light Sensor	Under center of dash, near windshield defrost vent. See Fig. 10.
Tire Pressure Monitor Sensor (4)	Mounted inside each wheel. See Fig. 49.
Washer Fluid Level Sensor	On washer fluid reservoir. See Fig. 28.
Wheel Speed Sensor (WSS) - LF	On left front hub assembly. See Fig. 4.
Wheel Speed Sensor (WSS) - LR	On left rear hub assembly. See Fig. 7.
	On right front hub assembly. See Fig.

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Wheel Speed Sensor (WSS) - RF	4.
Wheel Speed Sensor (WSS) - RR	On right rear hub assembly. See Fig. 7.
Yaw Rate & Lateral Acceleration Sensor	Under floor console. See Fig. 6.

SOLENOIDS & SOLENOID VALVES

SOLENOIDS & SOLENOID VALVES LOCATION

Component	Location
A/C Compressor Clutch	Lower left front of engine. See Fig. 24.
A/T Shift Lock Control Solenoid	At base of shift lever. See Fig. 39.
Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 1	Front of right cylinder head. See Fig. 24.
Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 2	Front of left cylinder head. See Fig. 24.
Camshaft Position (CMP) Actuator Solenoid - Intake Bank 1	Front of right cylinder head. See Fig. 24.
Camshaft Position (CMP) Actuator Solenoid - Intake Bank 2	Front of left cylinder head. See Fig. 24.
Control Solenoid (W/Body & TCM) Valve Assembly	In transmission. See Fig. 8.
Differential Clutch Pump Actuator Check Valve	On rear differential. See Fig. 50.
Evaporative Emission (EVAP) Canister Purge Solenoid Valve	Center rear of engine, near throttle body. See Fig. 22.
Evaporative Emission (EVAP) Canister Vent Solenoid Valve	Top rear of fuel tank. See Fig. 27.
Fuel Injectors 1, 3 & 5	On right intake manifold. See Fig. 23.
Fuel Injectors 2, 4 & 6	On left intake manifold. See Fig. 23.
Intake Manifold Tuning (IMT) Solenoid Valve	Top front of engine. See Fig. 22.
Liftgate Latch Assembly	Bottom center of liftgate. See Fig. 30.

SWITCHES

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SWITCHES LOCATION

Component	Location
Brake Fluid Level Switch	On right side of brake fluid reservoir. See Fig. 3.
Engine Oil Pressure (EOP) Switch	Lower left front of engine. See Fig. 21.
Hood Ajar Switch	Integral to hood latch assembly. See Fig. 38.
Horn Switch	In steering wheel. See Fig. 37.
Liftgate Switch - Exterior	Above liftgate latch assembly. See Fig. 30.
Liftgate Switch - Interior	Bottom center of liftgate. See Fig. 30.
Park Brake Switch	On park brake assembly. See Fig. 12.
Seat Belt Switch - Driver (Power Memory Seat)	In driver's seat belt buckle. See Fig. 41.
Seat Belt Switch - Driver (Power Seat)	In driver's seat belt buckle. See Fig. 40.
Seat Belt Switch - Passenger	In front passenger's seat belt buckle. See Fig. 42.

MISCELLANEOUS**MISCELLANEOUS LOCATION**

Component	Location
Audio Amplifier	Under left side of dash. See Fig. 12.
Battery	Behind front passenger's seat. See Fig. 6.
Cellular Microphone	In center front of headliner. See Fig. 11.
Data Link Connector (DLC)	Under left end of dash. See Fig. 19.
Digital Radio Receiver	Behind left rear interior trim panel. See Fig. 17.
Generator	Left front of engine. See Fig. 24.
Generator Inline Resistor	Near rear of generator. See Fig. 22.

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GMLAN Resistor	Under rear of vehicle, taped to rear chassis harness. See Fig. 20.
Heated Seat Element - Driver Back	In driver's seat back. See Fig. 40.
Heated Seat Element - Driver Cushion	In driver's seat cushion. See Fig. 40.
Heated Seat Element - Passenger Back	In front passenger's seat back. See Fig. 42.
Heated Seat Element - Passenger Cushion	In front passenger's seat cushion. See Fig. 42.
Horn - High Note	Behind right headlight. See Fig. 28.
Horn - Low Note	Behind left headlight. See Fig. 28.
Ignition Coils 1, 3 & 5	Top right of engine. See Fig. 22.
Ignition Coils 2, 4 & 6	Top left of engine. See Fig. 22.
Inflatable Restraint I/P Module	Right side of dash, above glove box. See Fig. 45.
Inflatable Restraint Roof Rail Module - Driver	Left edge of roof. See Fig. 46.
Inflatable Restraint Roof Rail Module - Passenger	Right edge of roof. See Fig. 46.
Inflatable Restraint Side Impact Module - Left (Power Memory Seat)	Left side of driver's seat back. See Fig. 41.
Inflatable Restraint Side Impact Module - Left (Power Seat)	Left side of driver's seat back. See Fig. 40.
Inflatable Restraint Side Impact Module - Right	Right side of passenger seat back. See Fig. 42.
Inflatable Restraint Steering Wheel Module	In steering wheel. See Fig. 45.
Inflatable Restraint Steering Wheel Module Coil	Top of steering column, below steering wheel. See Fig. 5.
Navigation Antenna	Behind right side of dash. See Fig. 9.
Seat Belt Pretensioner - Driver	Base of left "B" pillar. See Fig. 47.
Seat Belt Pretensioner - Passenger	Base of right "B" pillar. See Fig. 48.
Windshield Heated Washer Fluid Module	Left rear of engine compartment. See Fig. 52.

CONNECTORS**CONNECTORS LOCATION**

Component	Location
X100 (Black, 12 Pin)	Near underhood fuse block. See Fig. 58.
X101 (Black, 8 Pin)	Top left side of engine. See Fig. 23.
X103 (Black, 16 Pin)	Near underhood fuse block. See Fig. 58.
X104 (Black, 4 Pin)	Left side of engine compartment. See Fig. 56.
X107 (Black, 3 Pin)	Behind left headlight assembly. See Fig. 57.
X108 (Black, 3 Pin)	Behind right headlight assembly. See Fig. 57.
X109 (Black, 1 Pin)	Left rear of engine compartment. See Fig. 61.
X111 (Black, 16 Pin)	Left rear of engine compartment. See Fig. 61.
X115 (Black, 6 Pin)	Engine harness to forward light harness.
X120 (Dark Gray, 8 Pin)	Behind right headlight assembly. See Fig. 56.
X124 (Light Gray, 2 Pin)	Near battery. See Fig. 71.
X125 (Green, 2 Pin)	Below floor, near battery.
X150 (Acadia W/O TVD) (Black, 6 Pin)	Behind right headlight assembly. See Fig. 56.
X150 (Acadia W/TVD) (Dark Gray, 8 Pin)	Behind right headlight assembly. See Fig. 56.
X150 (Outlook W/O TVD) (Black, 6 Pin)	Behind right headlight assembly. See Fig. 56.
X150 (Outlook W/TVD) (Black, 8 Pin)	Behind right headlight assembly. See Fig. 56.

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X151 (Acadia W/O TVD) (Black, 6 Pin)	Behind left headlight assembly. See Fig. 56.
X151 (Acadia W/TVD) (Black, 6 Pin)	Behind left headlight assembly. See Fig. 56.
X151 (Outlook W/O TVD) (Black, 6 Pin)	Behind left headlight assembly. See Fig. 56.
X151 (Outlook W/TVD) (Black, 8 Pin)	Behind left headlight assembly. See Fig. 56.
X170 (Acadia) (Black, 2 Pin)	Behind left side of dash.
X170 (Outlook) (Black, 4 Pin)	Behind left side of dash.
X200 (Light Gray, 14 Pin)	Behind right kick panel. See Fig. 62.
X201 (Black, 43 Pin)	Under left side of dash. See Fig. 62.
X202 (Light Gray, 43 Pin)	Under right center of dash. See Fig. 62.
X203 (Light Gray, 16 Pin)	Behind left end of dash. See Fig. 62.
X205 (Green, 16 Pin)	Body harness to instrument panel harness.
X209 (Light Gray, 6 Pin)	Behind left kick panel. See Fig. 66.
X211 (Yellow, 4 Pin)	Behind left side of dash.
X214 (Light Gray, 2 Pin)	Under right center of dash. See Fig. 62.
X216 (Light Gray, 20 Pin)	In left "A" pillar. See Fig. 62.
X240 (Black, 26 Pin)	Under right center of dash. See Fig. 70.
X252 (3 Pin)	Behind right kick panel. See Fig. 62.
X254 (Yellow, 4 Pin)	Behind right kick panel. See Fig. 66.
X305 (Light Gray, 16 Pin)	In floor, behind driver's seat. See Fig. 66.
X314 (Black, 16 Pin)	Under front passenger's seat. See Fig. 66.
X315 (Black, 43 Pin)	Under driver's seat. See Fig. 66.
X320 (Light Gray, 20 Pin)	In right "D" pillar. See Fig. 78.
X322 (Light Gray, 14 Pin)	In right "D" pillar. See Fig. 78.

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X340 (Black, 43 Pin)	Under front of floor console. See Fig. 70.
X341 (Black, 8 Pin)	Under shifter assembly. See Fig. 39.
X343 (Green, 16 Pin)	In overhead console. See Fig. 65.
X351 (Black, 12 Pin)	In right "D" pillar. See Fig. 78.
X357 (Yellow, 2 Pin)	Top of left "D" pillar. See Fig. 77.
X358 (Yellow, 2 Pin)	Top of right "D" pillar. See Fig. 78.
X359 (Yellow, 2 Pin)	Under driver's seat. See Fig. 66.
X360 (Yellow, 2 Pin)	Under front passenger's seat. See Fig. 66.
X380 (Black, 2 Pin)	In rear floor console.
X398 (Light Gray, 10 Pin)	Front of headliner.
X405 (Light Gray, 16 Pin)	Left rear floor. See Fig. 77.
X440 (Dark Gray, 8 Pin)	Behind left rear wheelwell. See Fig. 79.
X442 (Dark Gray, 8 Pin)	Behind right rear wheelwell. See Fig. 79.
X450 (Outlook) (Black, 3 Pin)	At right taillight assembly. See Fig. 79.
X451 (Outlook) (Black, 3 Pin)	At left taillight assembly. See Fig. 79.
X500 (40 Pin)	Behind left kick panel. See Fig. 66.
X553 (Light Gray, 10 Pin)	Front of driver's door. See Fig. 72.
X555 (Green, 16 Pin)	Front of driver's door. See Fig. 72.
X600 (40 Pin)	Behind right kick panel. See Fig. 66.
X664 (Light Gray, 10 Pin)	Front of front passenger's door. See Fig. 73.
X666 (Green, 16 Pin)	Front of front passenger's door. See Fig. 73.
X700 (19 Pin)	In left "B" pillar. See Fig. 66.
X800 (19 Pin)	In right "B" pillar. See Fig. 66.
X901 (Light Gray, 6 Pin)	Rear center of roof. See Fig. 79.
X902 (Light Gray, 4 Pin)	Top right center of liftgate opening.
X903 (Green, 16 Pin)	Center rear of roof. See Fig. 79.

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X911 (Light Gray, 2 Pin)	Top left side of liftgate. See Fig. 80.
X920 (Black, 3 Pin)	Right side of liftgate. See Fig. 80.
X931 (Black, 3 Pin)	Left side of liftgate. See Fig. 80.
X933 (Outlook & Acadia) (Black, 2 Pin)	In liftgate.
X940 (Light Gray, 3 Pin)	In liftgate.

GROUNDS**GROUNDS LOCATION**

Component	Location
G101	Left side of engine compartment, on left frame rail.
G102	Right side of engine compartment, on right inner fender panel. See Fig. 53.
G103	Left side of engine compartment, on left inner fender panel. See Fig. 3.
G105 (W/Heated Washer Nozzles)	Rear of engine compartment, on left middle of instrument panel bulkhead. See Fig. 61.
G110	Right front of engine, mounted to cylinder head. See Fig. 54.
G112	Right rear of engine, mounted to cylinder head. See Fig. 54.
G113	Left side of engine, at engine to transmission stud.
G114	Left side of engine, mounted to cylinder head between cylinders 4 & 6. See Fig. 29.
G115	Left side of engine compartment, on left inner fender panel. See Fig. 3.
G300	Behind right kick panel. See Fig. 55.
G301	Behind left kick panel. See Fig. 12.
	Near base of right "B" pillar. See Fig.

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G302	48.
G303	Near base of left "B" pillar. See Fig. 47.
G304	Below floor console. See Fig. 6.
G305	Near battery. See Fig. 71.
G401	Near base of left "D" pillar. See Fig. 17.
G402	Above right rear wheelwell. See Fig. 78.

SPLICES**SPLICES LOCATION**

Component	Location
J102	In right headlight harness.
J104 (Acadia)	In right headlight harness. See Fig. 57.
J104 (Outlook)	In right front turn signal harness, near X108. See Fig. 57.
J106	In right headlight harness.
J111	In left headlight harness.
J113 (Acadia)	In left headlight harness. See Fig. 57.
J113 (Except Acadia)	In left front turn signal harness, near X107. See Fig. 57.
J115	In left headlight harness.
J117	In engine harness.
J119	In left front turn signal harness, near X107. See Fig. 57.
J120	In forward light harness, forward of underhood fuse block. See Fig. 56.
J122	In forward light harness, forward & left of underhood fuse block. See Fig. 56.
J124	In right front turn signal harness, near

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	X108. See Fig. 57.
J127	Inside automatic transmission.
J131	In engine harness, near bank 1 intake camshaft position sensor. See Fig. 59.
J133	In engine harness, near breakout for ignition coil 2. See Fig. 59.
J135	In fuel injector harness, between fuel injectors 1 & 3. See Fig. 23.
J137	In fuel injector harness, between fuel injectors 3 & 5. See Fig. 23.
J139	In engine harness, between ignition coils 3 & 5. See Fig. 60.
J140	In engine harness, near bank 2 intake camshaft position sensor. See Fig. 59.
J142	In engine harness, near throttle body. See Fig. 59.
J144	In engine harness, near G114.
J146	In engine harness, between ignition coils 4 & 6. See Fig. 59.
J153	In engine harness, near transmission control module. See Fig. 58.
J202	In instrument panel harness, behind instrument panel air bag. See Fig. 62.
J204	In instrument panel harness, behind instrument panel air bag. See Fig. 62.
J206	In instrument panel harness, left of instrument panel air bag. See Fig. 62.
J208	In instrument panel harness, forward of floor console. See Fig. 62.
J211	In instrument panel harness, forward of floor console. See Fig. 62.
J213	In instrument panel harness, behind instrument panel cluster. See Fig. 62.

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J215	In instrument panel harness, left of instrument panel cluster. See Fig. 62.
J216	In instrument panel harness, near body control module.
J219	In instrument panel harness, near outer left HVAC vent. See Fig. 62.
J220	In instrument panel harness, behind instrument panel air bag. See Fig. 62.
J233	In instrument panel harness, near data link connector. See Fig. 62.
J251	In instrument panel harness, between data link connector & instrument panel cluster.
J253	In steering column harness, near X211. See Fig. 64.
J260	In HVAC harness, near HVAC control module.
J262	In HVAC harness, near HVAC control module.
J264	In HVAC harness, near HVAC control module.
J271	In steering column harness, near X211. See Fig. 64.
J273	In instrument panel harness, near X211.
J275	In steering column harness, near X211. See Fig. 64.
J291	In steering wheel harness, near SIR coil.
J293	In steering column harness, near base of steering column. See Fig. 64.
J295	In steering wheel harness, near left upper corner of hub. See Fig. 63.

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J297	In steering wheel harness, near right upper corner of hub. See Fig. 63.
J302	In body harness, under middle of passenger seat. See Fig. 66.
J304	In body harness, near rear of passenger door opening. See Fig. 66.
J308	In body harness, under passenger seat, near X314. See Fig. 66.
J311	In body harness, under center of floor console. See Fig. 66.
J313	In body harness, under left center of floor console. See Fig. 66.
J315	In body harness, near body control module.
J319	In body harness, near lower center of driver door opening. See Fig. 66.
J320	In body harness, near X322.
J322	In body harness, under middle of passenger seat. See Fig. 66.
J326	In headliner harness, over center of rear right door opening. See Fig. 74.
J328	In overhead console harness, near front left corner of overhead console. See Fig. 65.
J333	In body harness, near lower rear corner of driver door opening. See Fig. 66.
J335	In body harness, near lower rear corner of driver door opening. See Fig. 66.
J337	In body harness, below floor console.
J339	In headliner harness, over rear of rear right door opening. See Fig. 74.
J342	In passenger seat harness, near front left corner of seat adjuster. See Fig. 69.

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J344	In passenger seat harness, near rear center of seat adjuster. See Fig. 69 .
J346	In passenger seat harness, near right side center of seat adjuster. See Fig. 69 .
J348	In headliner harness, over center of front left door opening. See Fig. 74 .
J350	In driver seat harness, near rear left corner of seat adjuster. See Fig. 67 .
J352	In driver seat harness, near rear left corner of seat adjuster. See Fig. 67 .
J353	In driver seat harness, near front left of seat adjuster. See Fig. 67 .
J354	In driver seat harness, near rear center right of seat adjuster. See Fig. 67 .
J355	In driver seat harness, near rear left corner of seat adjuster. See Fig. 68 .
J357	In driver seat harness, near rear left corner of seat adjuster. See Fig. 67 .
J360	In sunroof harness.
J362	In sunroof harness.
J364	In overhead console harness, near front right corner of overhead console. See Fig. 65 .
J368	In the sunroof harness.
J371	In floor console harness, forward & right of A/T shifter. See Fig. 70 .
J373	In floor console harness, right of A/T shifter. See Fig. 70 .
J375	In floor console harness, right of A/T shifter. See Fig. 70 .
J377	In floor console harness, near right middle rear of floor console. See Fig.

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	70.
J379	In floor console harness, near right upper rear corner of floor console. See Fig. 70.
J395	In fuel tank harness, near X305.
J440	In rear bumper harness, below left center of liftgate opening. See Fig. 81.
J444	In rear bumper harness, below center of liftgate opening. See Fig. 81.
J488	In the rear bumper harness.
J493	In rear bumper harness.
J495	In rear bumper harness.
J555	In driver door harness, near X500. See Fig. 72.
J575	In driver door trim harness, near X555. See Fig. 72.
J577	In driver door trim harness, near X555. See Fig. 72.
J595	In driver mirror harness.
J597	In driver mirror harness.
J600	In passenger door harness, near X600. See Fig. 73.
J602	In passenger door harness, near X666. See Fig. 73.
J662	In passenger mirror harness.
J664	In passenger mirror harness.
J666	In passenger door trim harness, near switches. See Fig. 73.
J711	In left rear door harness, near X700. See Fig. 76.
J800	In right rear door harness, near X800. See Fig. 75.
	In liftgate harness, middle right of

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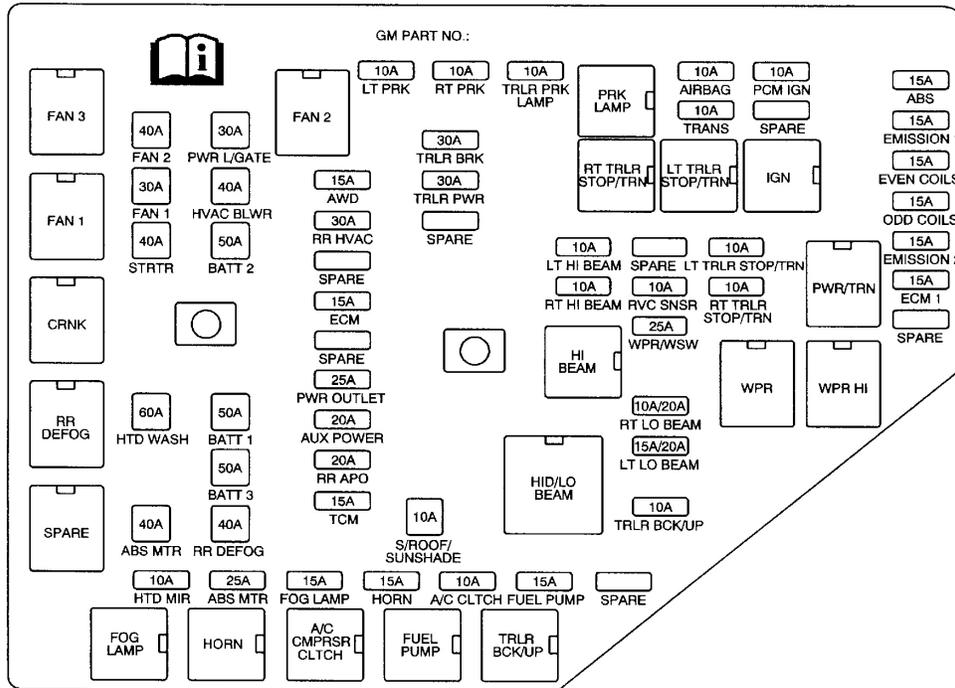
J903	liftgate. See Fig. 80.
J905	In liftgate harness, right of liftgate latch assembly. See Fig. 80.
J907	In liftgate harness, right of liftgate latch assembly. See Fig. 80.
J911	In liftgate harness, between breakouts for interior & exterior liftgate switches. See Fig. 80.
J913	In liftgate harness, middle right center of liftgate. See Fig. 80.
J915	In liftgate harness, between breakouts for interior & exterior liftgate switches. See Fig. 80.
J917	In liftgate harness.
J919	In liftgate harness.
J920	In liftgate harness.
Splice Pack JX205	Behind left side instrument panel, near DLC. See Fig. 62.
Splice Pack JX405	On left "D" pillar. See Fig. 77.

COMPONENT LOCATION GRAPHICS

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

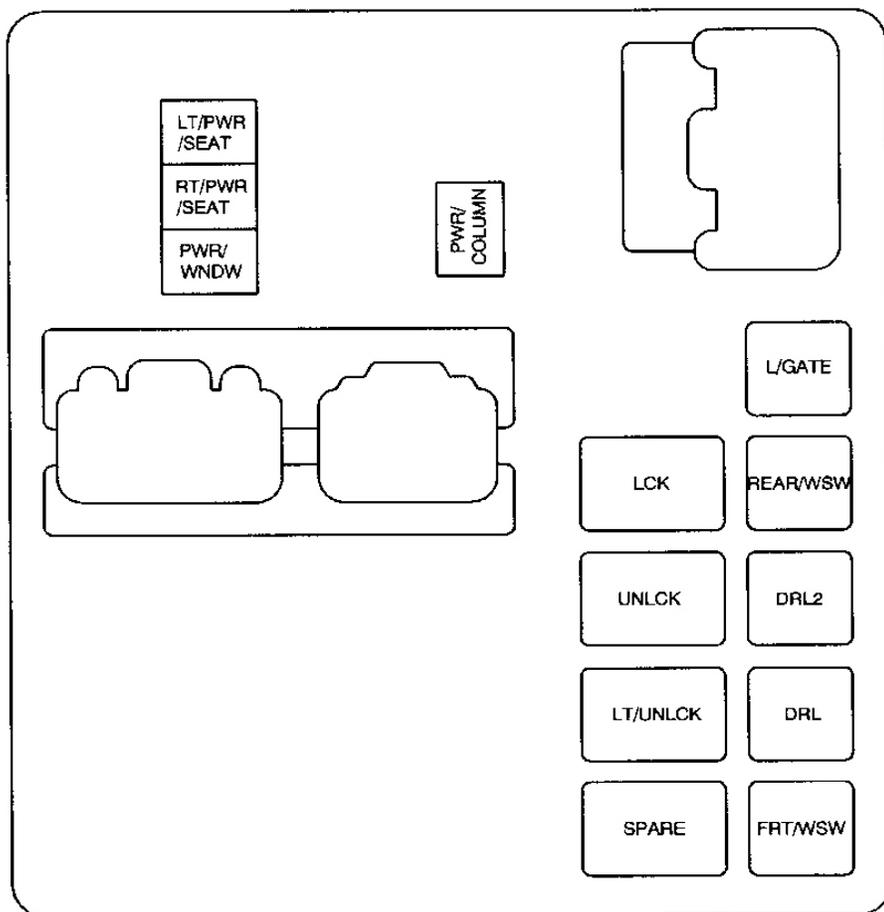
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Fig. 1: Underhood Fuse Block
Courtesy of GENERAL MOTORS CORP.

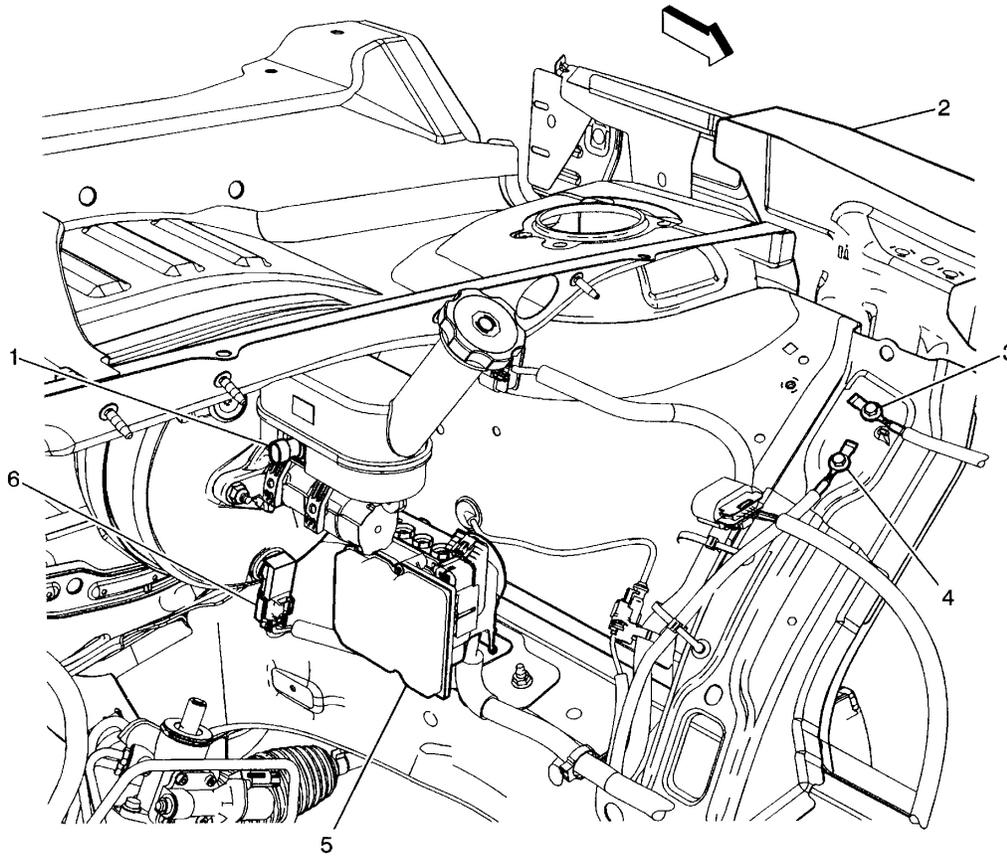


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Fig. 2: I/P Fuse Block
Courtesy of GENERAL MOTORS CORP.

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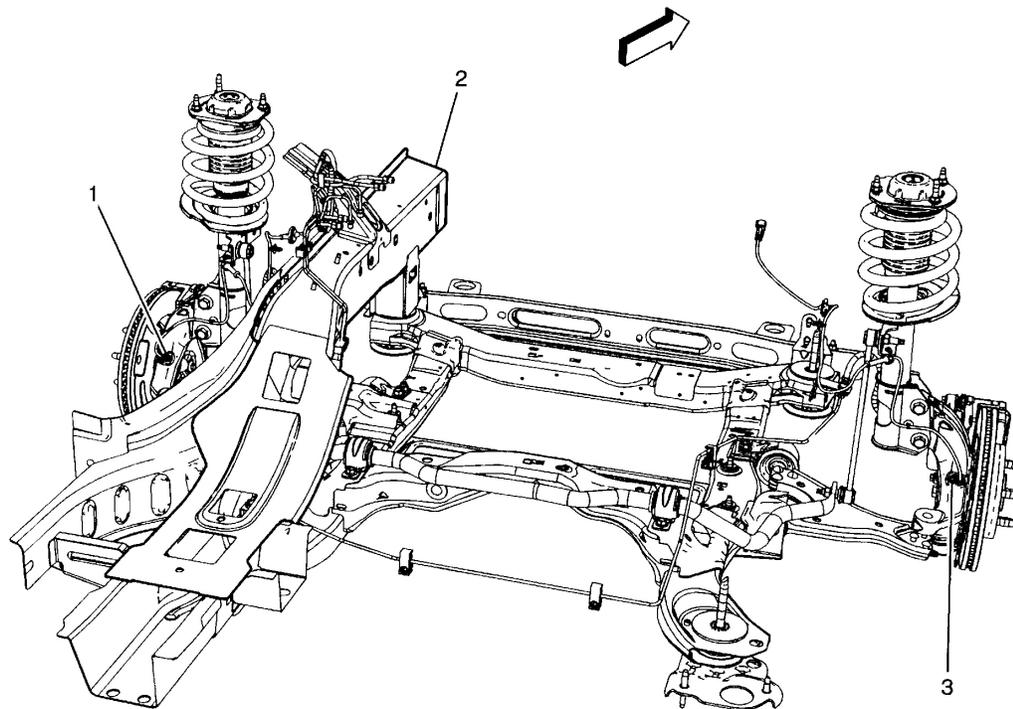
- (1) Brake Fluid Level Switch
- (2) Left Fender
- (3) G103
- (4) G115
- (5) Electronic Brake Control Module (EBCM)
- (6) Brake Booster Vacuum Sensor

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Fig. 3: Left Rear Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.

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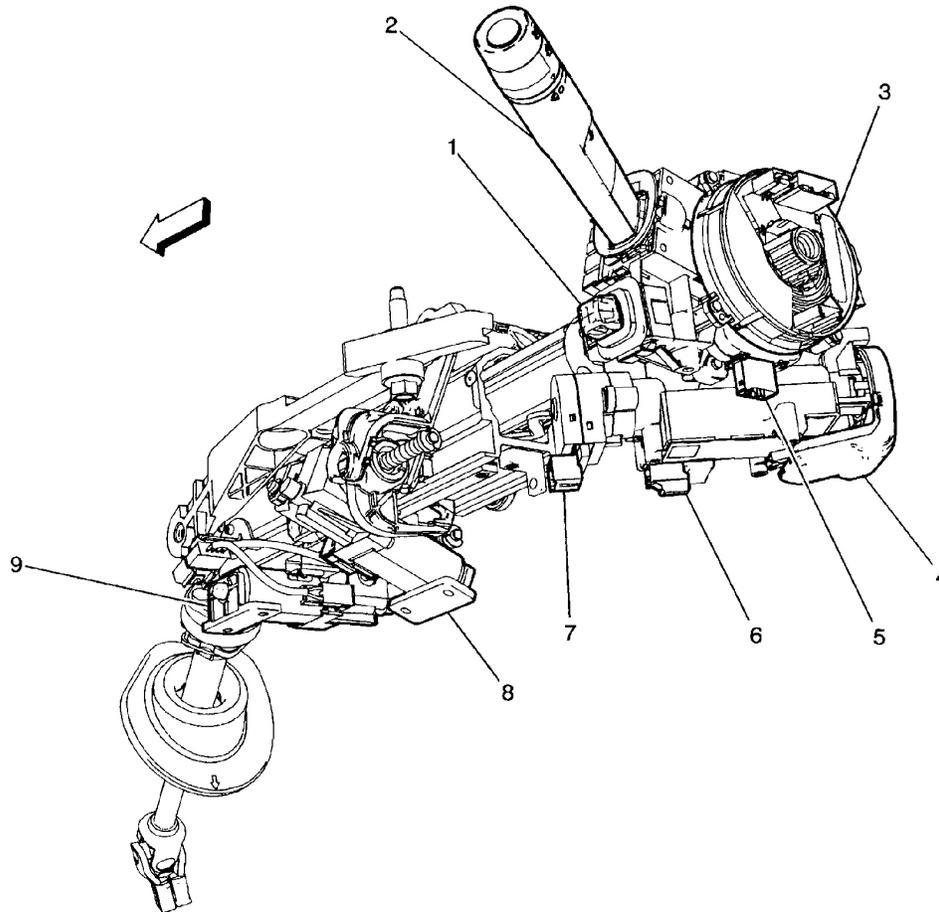
- (1) Wheel Speed Sensor (WSS) - LF
- (2) LF Frame Rail
- (3) Wheel Speed Sensor (WSS) - RF

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Fig. 4: Front Axle
Courtesy of GENERAL MOTORS CORP.

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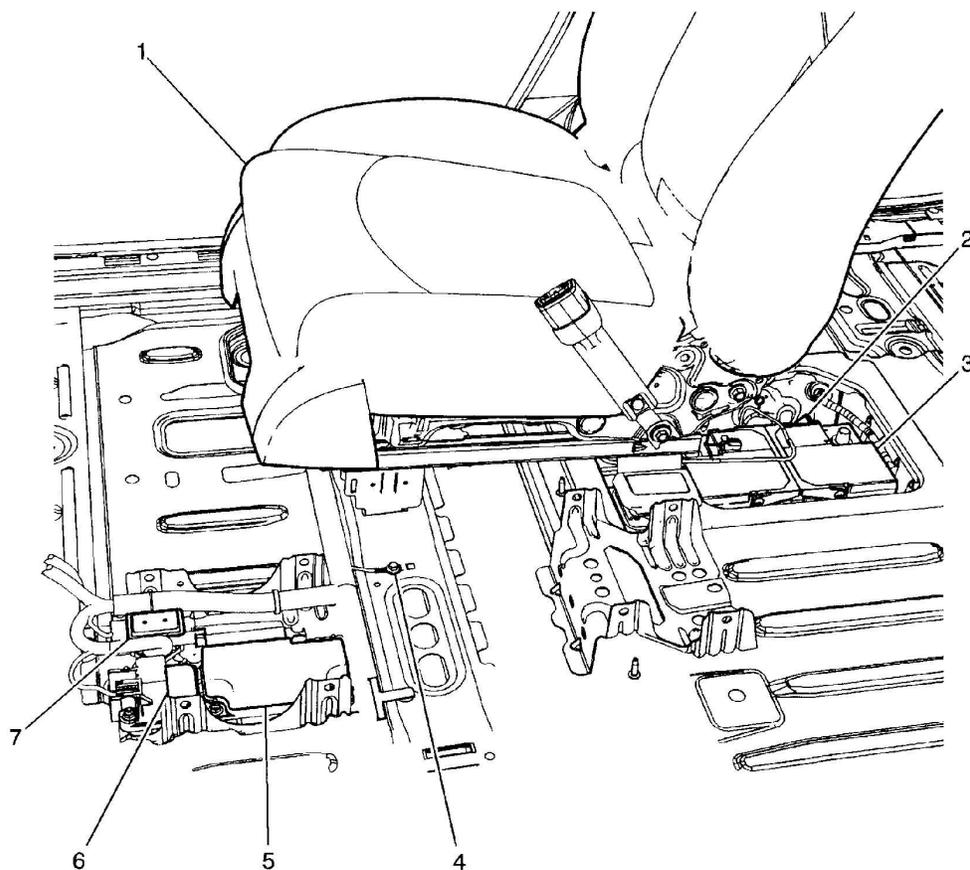
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- (1) Tilt/Telescope Switch (N38)
- (2) Turn Signal/Multifunction Switch
- (3) Inflatable Restraint Steering Wheel Module Coil
- (4) Theft Deterrent Control Module
- (5) Steering Wheel Speed Position Sensor
- (6) Ignition Lock Cylinder Control Actuator
- (7) Ignition Switch
- (8) Tilt Motor
- (9) Telescope Actuator

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Fig. 5: Steering Column
Courtesy of GENERAL MOTORS CORP.



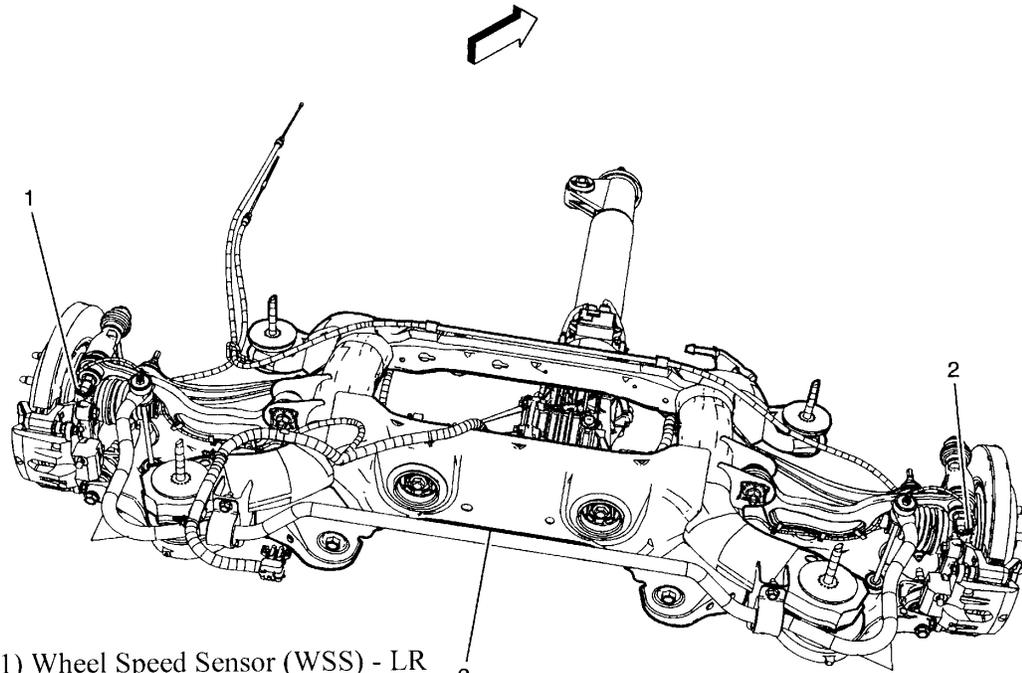
- (1) Passenger Seat
- (2) Battery Current Sensor
- (3) Battery
- (4) G304
- (5) Inflatable Restraint Sensing and Diagnostic Module (SDM)
- (6) Inflatable Restraint Vehicle Rollover Sensor
- (7) Yaw Rate and Lateral Acceleration Sensor

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Fig. 6: Vehicle Right Front Floor
Courtesy of GENERAL MOTORS CORP.

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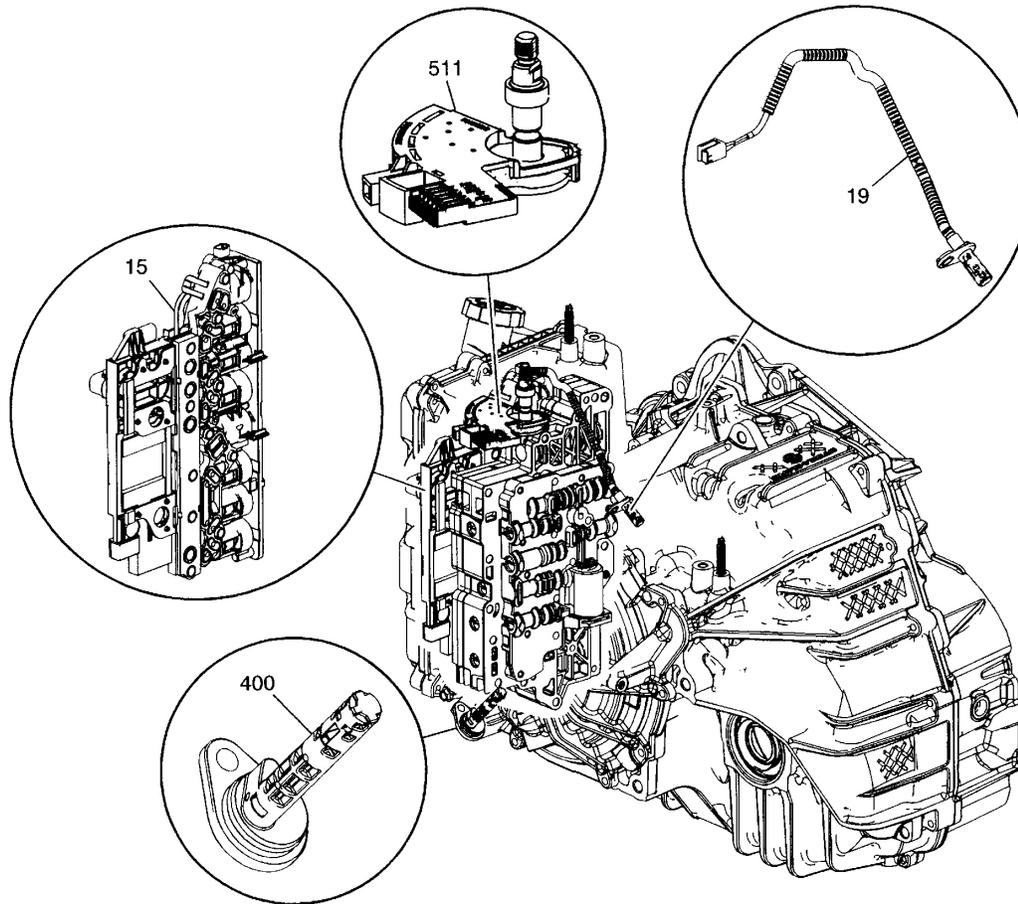
- (1) Wheel Speed Sensor (WSS) - LR
- (2) Wheel Speed Sensor (WSS) - RR
- (3) Rear Suspension Frame

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Fig. 7: Rear Axle
Courtesy of GENERAL MOTORS CORP.

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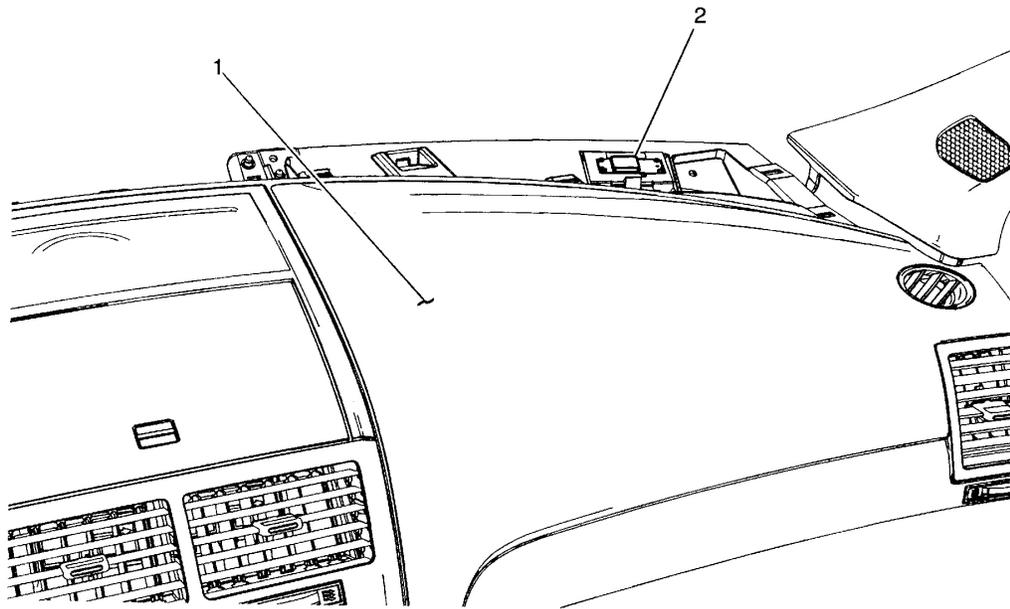
- (15) Control Solenoid (w/Body and TCM) Valve Assembly
- (19) A/Trans Output Speed Sensor Assembly
- (400) A/Trans Input Speed Sensor Assembly
- (511) Manual Shift Detent (w/Shaft Position Switch) Lever Assembly

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Fig. 8: Automatic Transmission
Courtesy of GENERAL MOTORS CORP.

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(1) I/P Trim

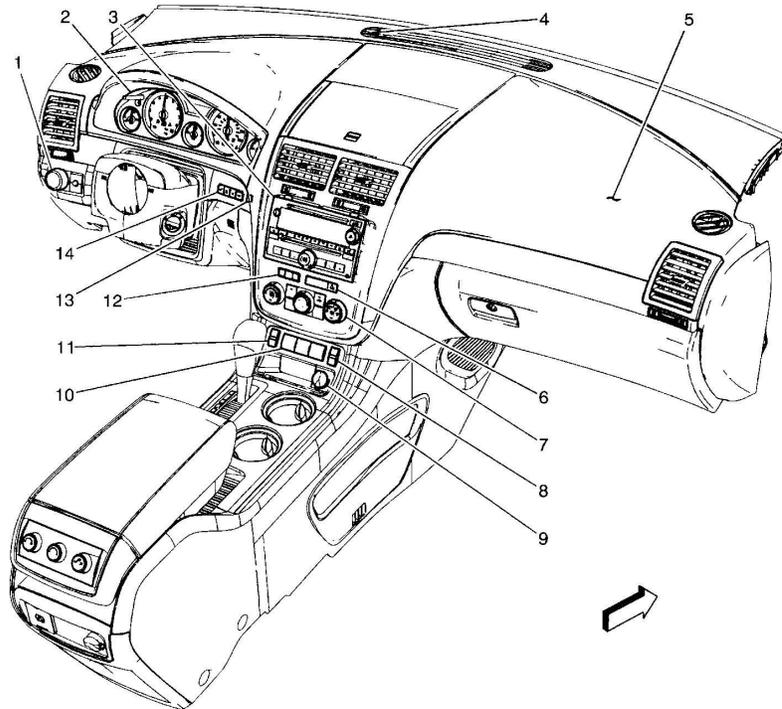
(2) Navigation Antenna (U3R/UZR)

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Fig. 9: Behind Right Side Of Dash
Courtesy of GENERAL MOTORS CORP.

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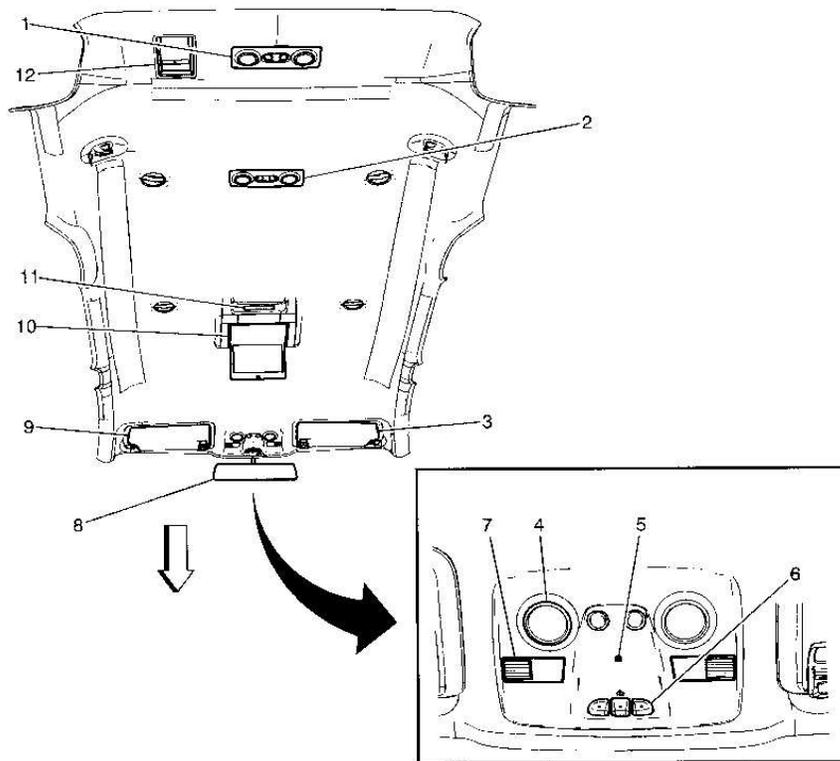
- | | |
|-------------------------------------------------------------|---------------------------------------------------|
| (1) Headlamp Switch | (8) Heated Seat Switch - Passenger (KA1) |
| (2) Instrument Panel Cluster (IPC) | (9) Auxiliary Power Outlet - I/P |
| (3) Radio | (10) I/P Switch Assembly |
| (4) Sunload Sensor (CJ2) / Ambient Light Sensor (C67) | (11) Heated Seat Switch - Driver (KA1) |
| (5) I/P Trim | (12) Hazard Switch |
| (6) Inflatable Restraint PASSENGER AIR BAG ON/OFF Indicator | (13) Head Up Display (HUD) Switch (UV6) |
| (7) HVAC Control Module | (14) Driver Information Center (DIC) Switch (UH9) |

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Fig. 10: Front Of Dash
Courtesy of GENERAL MOTORS CORP.

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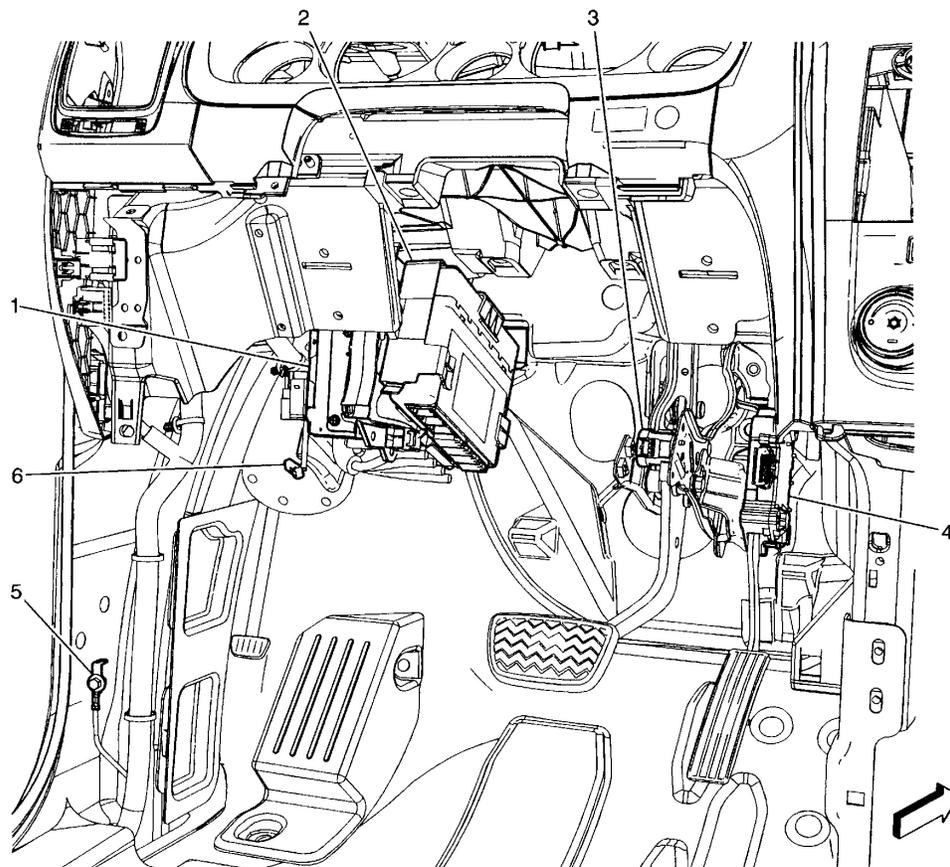
- | | |
|--------------------------------------|----------------------------------------------|
| (1) Courtesy/Reading Lamp - Rear | (7) Cellular Microphone (UE1) |
| (2) Courtesy/Reading Lamp Center | (8) Inside Rearview Mirror |
| (3) Vanity Mirror Lamp - Right (DH6) | (9) Vanity Mirror Lamp - Left (DH6) |
| (4) Courtesy/Reading Lamp - Front | (10) Digital Video Disc (DVD) Display (U42) |
| (5) Front Overhead Console Assembly | (11) Infrared Module (U42) |
| (6) Garage Door Opener (UG1) | (12) Rear Parking Assist (RPA) Display (UD7) |

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Fig. 11: Headliner
Courtesy of GENERAL MOTORS CORP.

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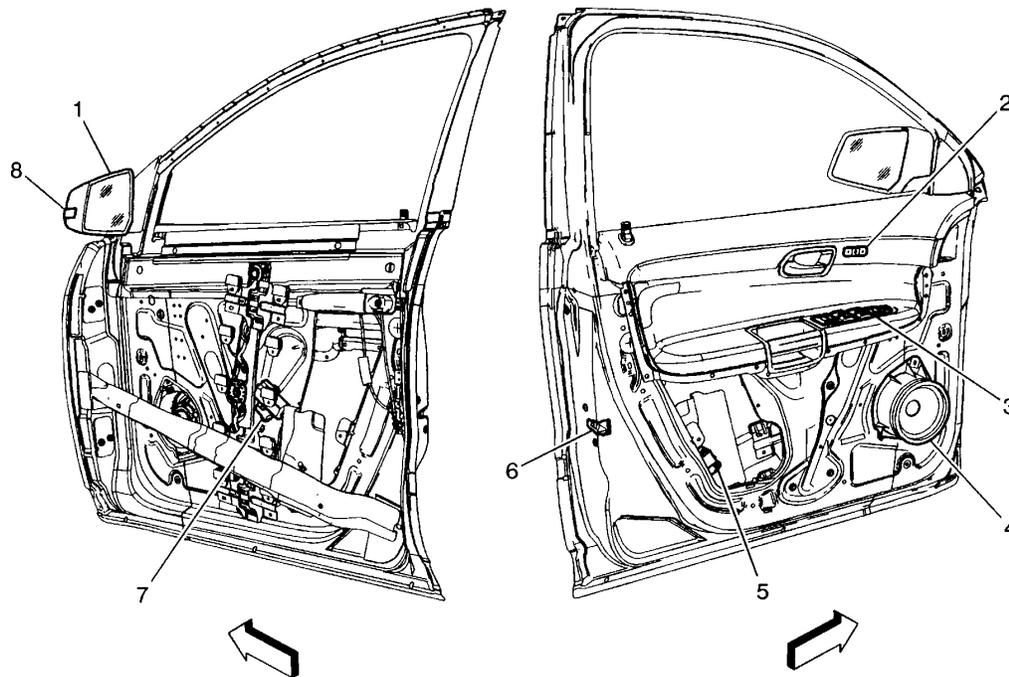
- (1) Audio Amplifier (UQA/UQG/UQS)
- (2) Body Control Module (BCM)
- (3) Brake Pedal Position Sensor
- (4) Accelerator Pedal Position (APP) Sensor
- (5) G301
- (6) Park Brake Switch

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Fig. 12: Under Left Side Of Dash
Courtesy of GENERAL MOTORS CORP.

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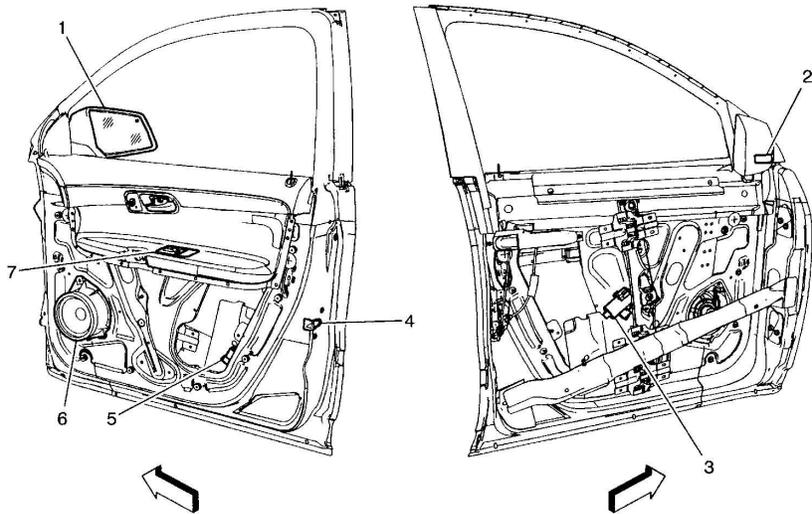
- (1) Outside Rearview Mirror - Driver
- (2) Memory Seat Switch (AG3)
- (3) Driver Door Module (DDM) (AXC/AXE)
- (4) Speaker - LF Door
- (5) Inflatable Restraint Side Impact Sensing Module (SISM) - Left
- (6) Door Latch Assembly - Driver
- (7) Window Motor - Driver
- (8) Turn Signal Lamp (Part of Outside Rearview Mirror) (DNP/DS3)

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Fig. 13: Driver's Door
Courtesy of GENERAL MOTORS CORP.

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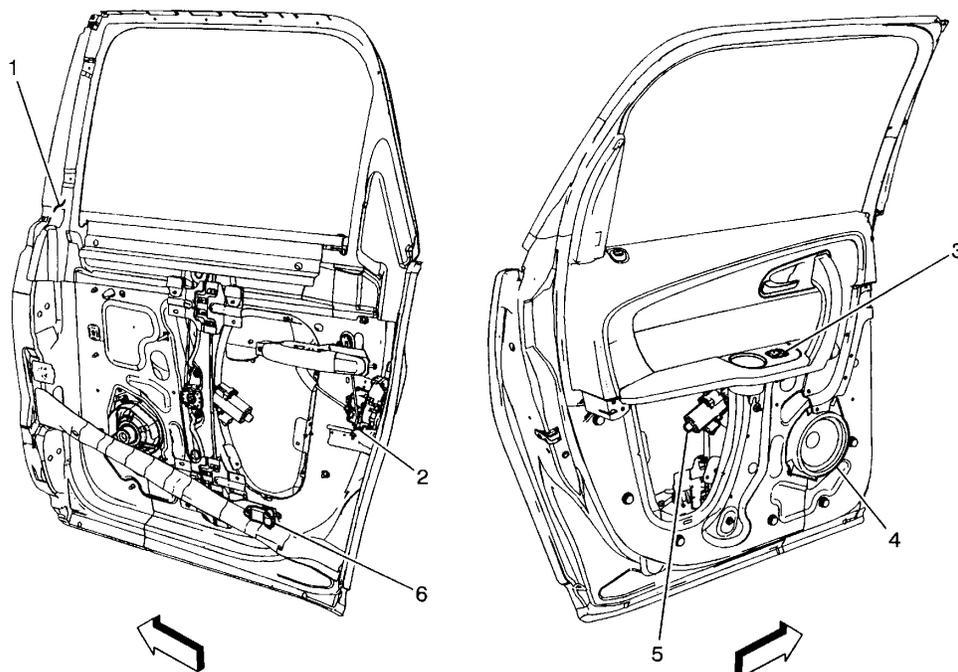
- (1) Outside Rearview Mirror - Passenger
- (2) Turn Signal Lamp (Part of Outside Rearview Mirror) (DNP/DS3)
- (3) Window Motor - Passenger
- (4) Door Latch Assembly - Passenger
- (5) Inflatable Restraint Side Impact Sensing Module (SISM) - Right
- (6) Speaker - RF Door
- (7) Window Switch - Passenger and Door Lock Switch Passenger (AXA)/Passenger Door Module (PDM) (AXC/AXE)

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Fig. 14: Front Passenger's Door
Courtesy of GENERAL MOTORS CORP.

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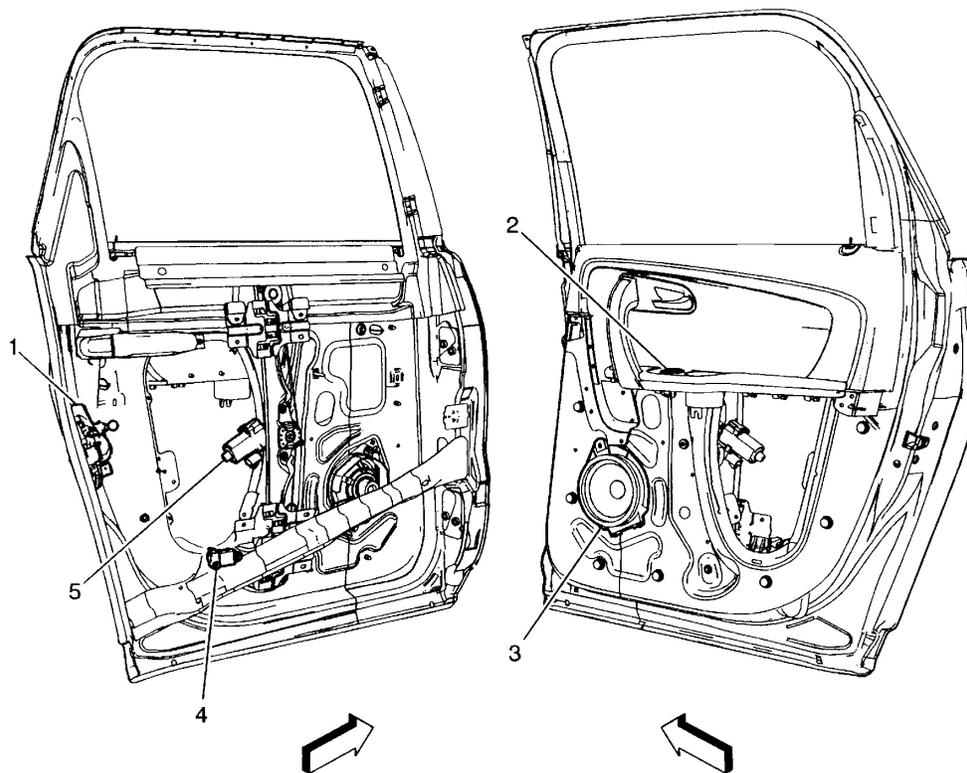
- (1) Door Frame
- (2) Door Latch Assembly - LR
- (3) Window Switch - LR
- (4) Speaker - LR Door
- (5) Window Motor - LR
- (6) Inflatable Restraint Side Impact Sensing Module (SISM) - LR

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Fig. 15: Left Rear Door
Courtesy of GENERAL MOTORS CORP.

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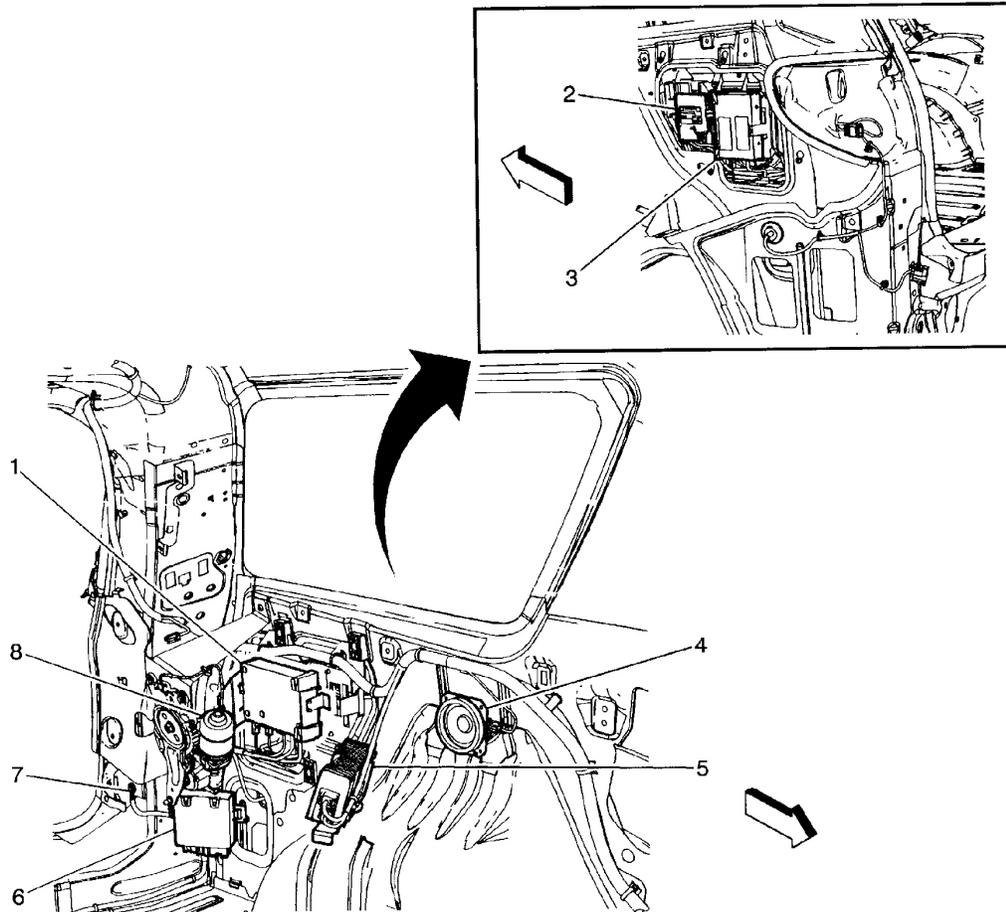
- (1) Door Latch Assembly - RR
- (2) Window Switch - RR
- (3) Speaker - RR Door
- (4) Inflatable Restraint Side Impact Sensing Module (SISM) - RR
- (5) Window Motor - RR

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Fig. 16: Right Rear Door
Courtesy of GENERAL MOTORS CORP.

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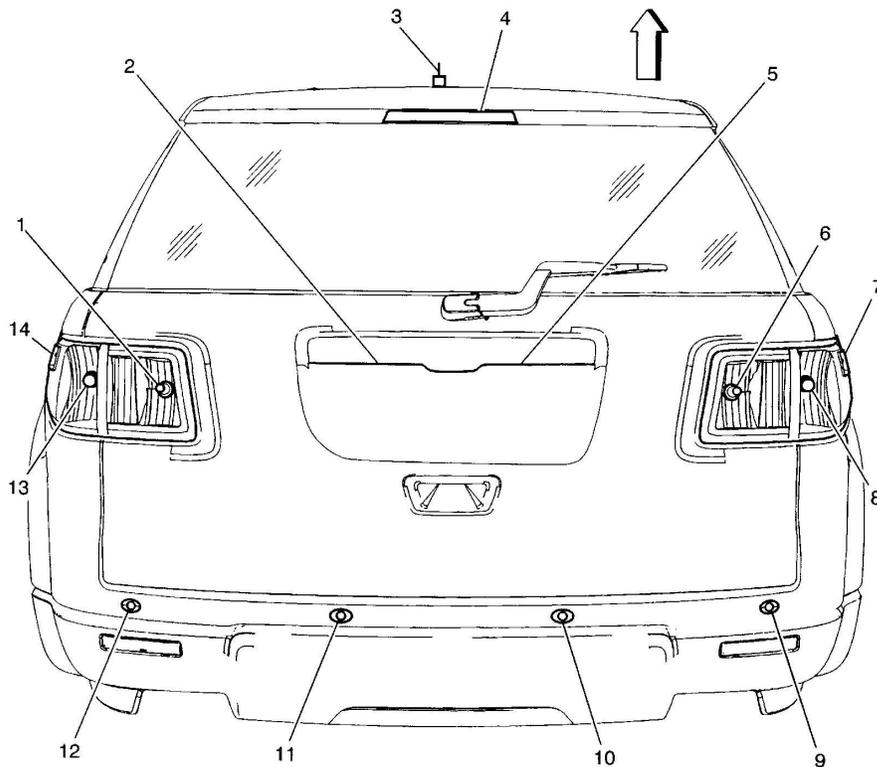
- (1) Vehicle Communication Unit (VCU) (UE1)
- (2) Rear Parking Assist (RPA) Module (UD7)
- (3) Digital Radio Receiver (U2K)
- (4) Speaker - LR (UQA/UQG/UQS)
- (5) Accessory AC/DC Power Control Module (KV1)
- (6) Liftgate Module (LGM) (E61)
- (7) G401
- (8) Liftgate Motor Assembly (E61)

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Fig. 17: Left Rear Of Passenger Compartment
Courtesy of GENERAL MOTORS CORP.

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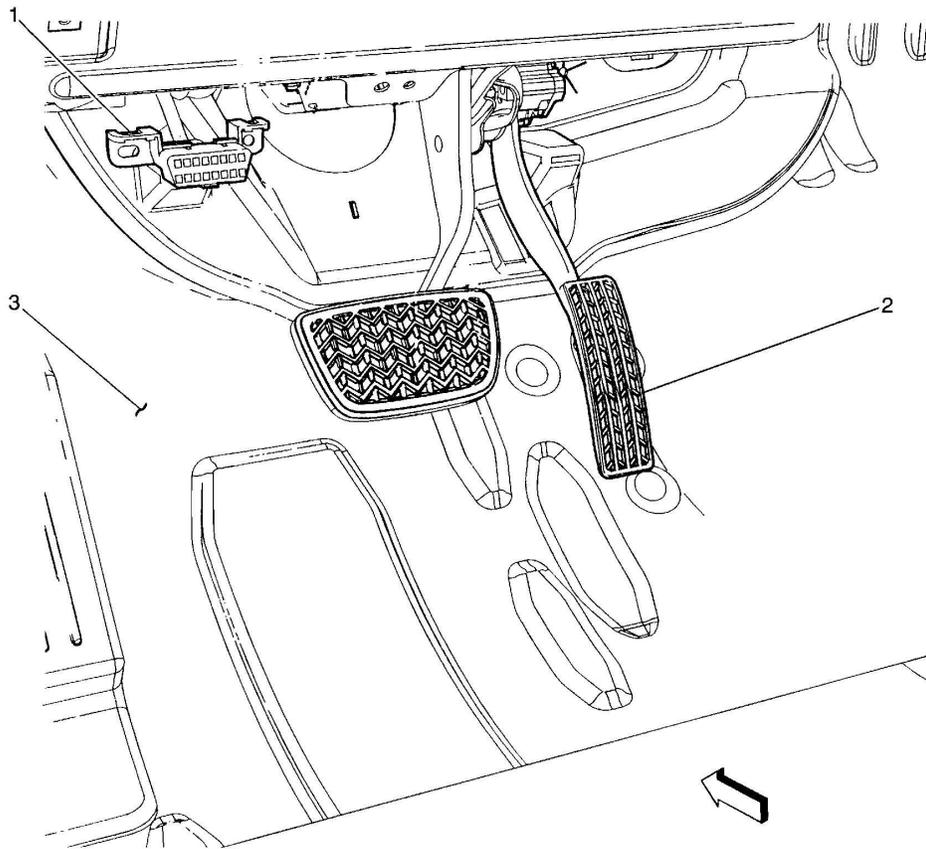
- | | |
|-------------------------------------------|--------------------------------------------|
| (1) Backup Lamp - Left | (8) Tail/Stop and Turn Signal Lamp - Right |
| (2) License Lamp - Left | (9) Object Sensor - RR Corner (UD7) |
| (3) Radio Antenna | (10) Object Sensor - RR Middle(UD7) |
| (4) Center High Mounted Stop Lamp (CHMSL) | (11) Object Sensor - LR Middle (UD7) |
| (5) License Lamp - Right | (12) Object Sensor - LR Corner (UD7) |
| (6) Backup Lamp - Right | (13) Tail/Stop and Turn Signal Lamp - Left |
| (7) Marker Lamp - RR | (14) Marker Lamp - LR |

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Fig. 18: Rear Of Vehicle (Outlook)
Courtesy of GENERAL MOTORS CORP.

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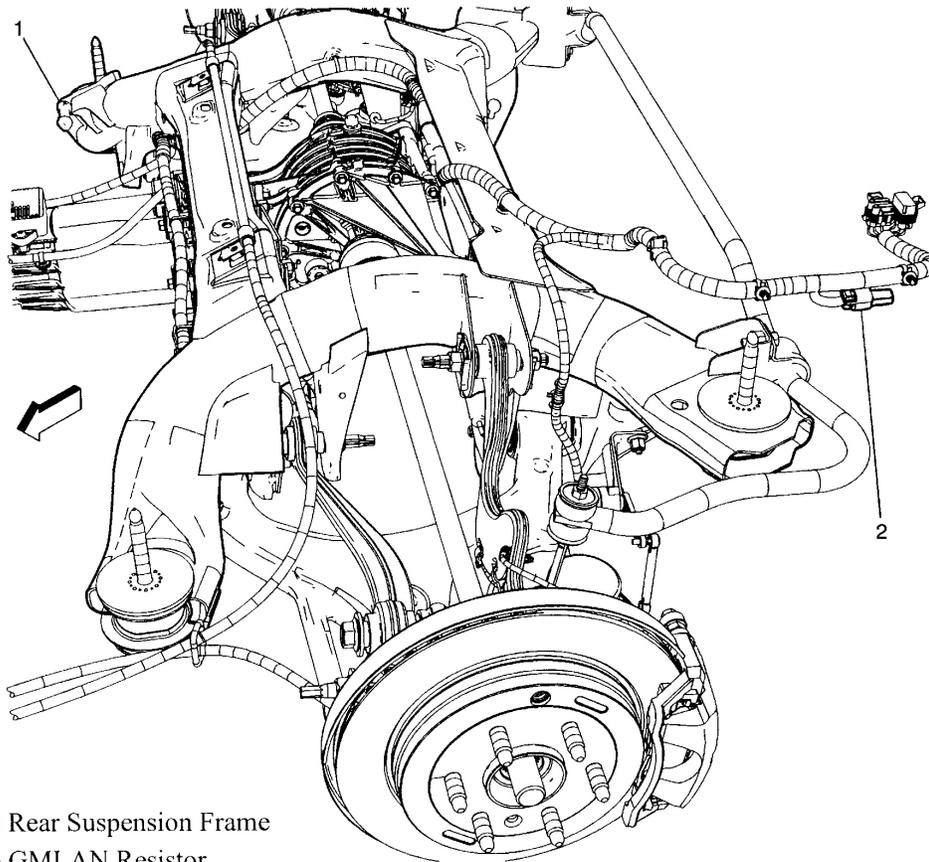
- (1) Data Link Connector (DLC)
- (2) Pedal Assembly
- (3) Floor Panel

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Fig. 19: Under Left Side Of Dash
Courtesy of GENERAL MOTORS CORP.

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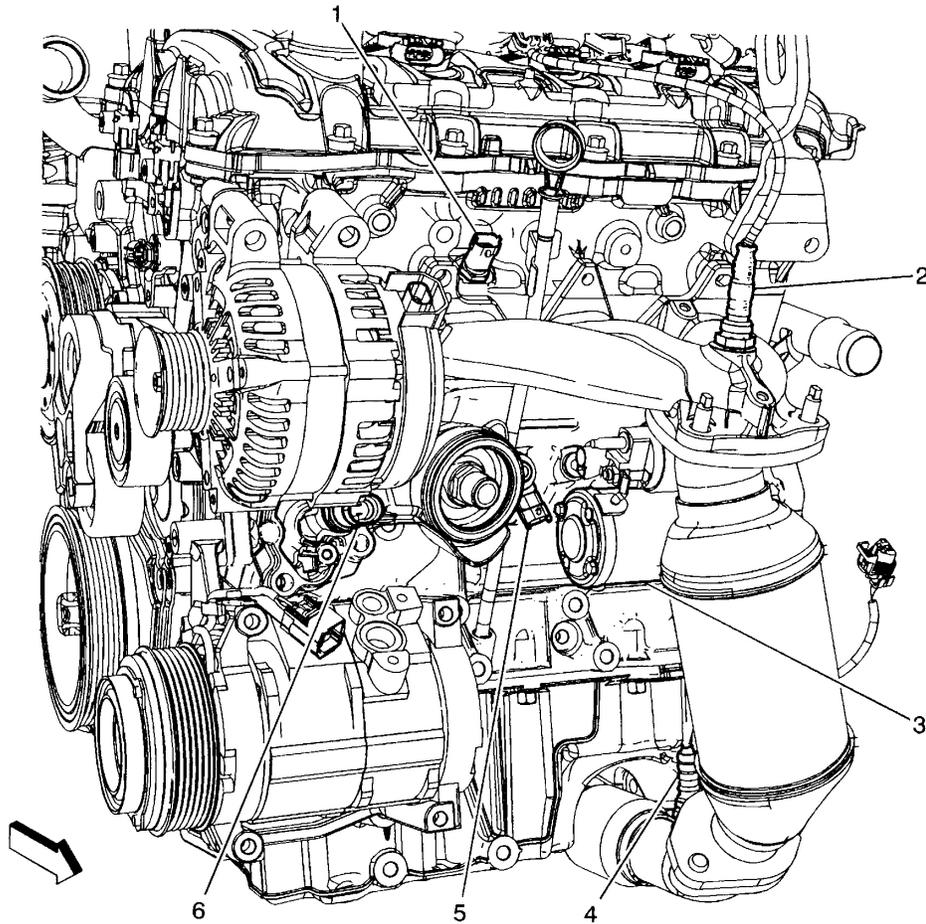
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- (1) Rear Suspension Frame
- (2) GMLAN Resistor

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Fig. 20: Rear Chassis
Courtesy of GENERAL MOTORS CORP.



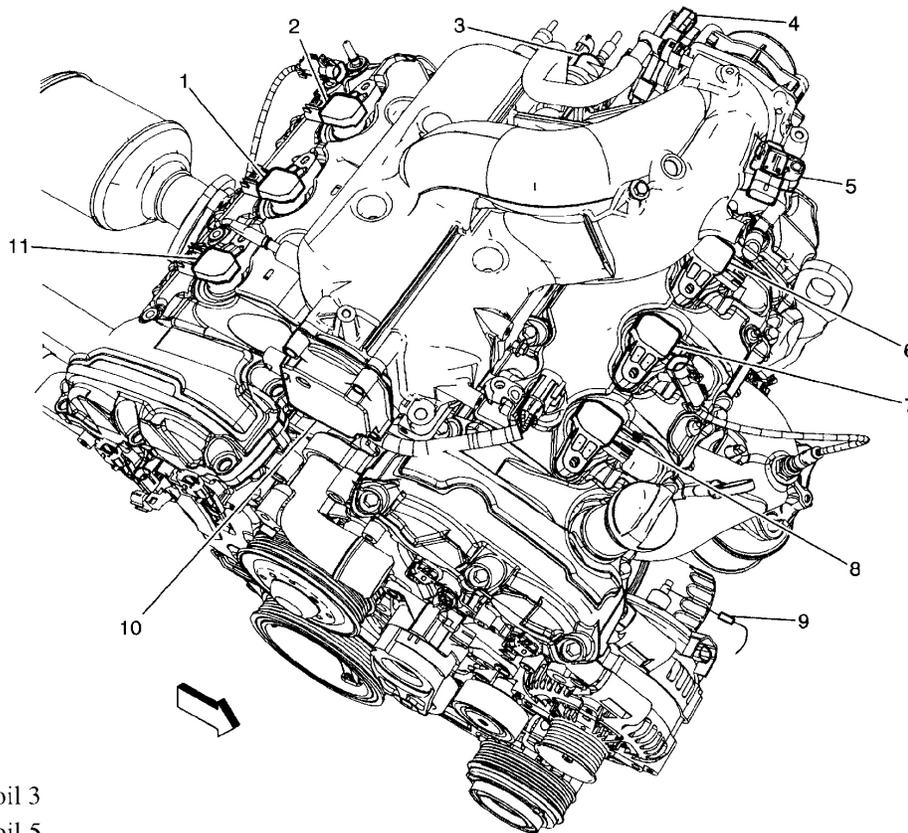
- (1) Engine Coolant Temperature (ECT) Sensor
- (2) Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1
- (3) Starter Motor
- (4) Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2
- (5) Knock Sensor (KS) 2
- (6) Engine Oil Pressure (EOP) Switch

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Fig. 21: Left Side Of Engine
Courtesy of GENERAL MOTORS CORP.

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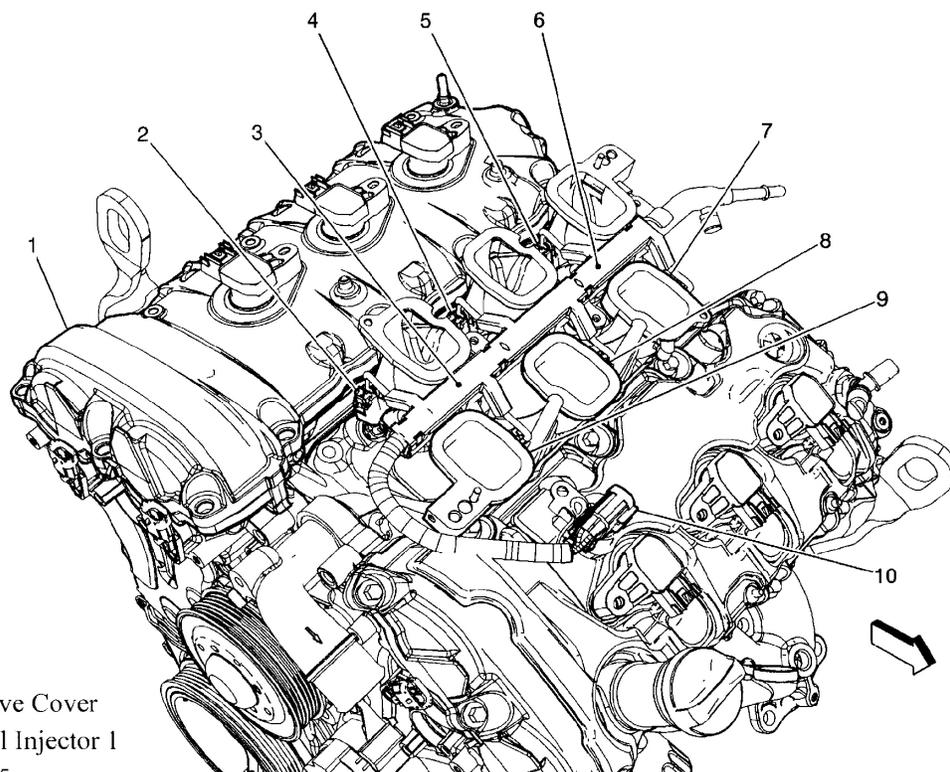
- (1) Ignition Coil 3
- (2) Ignition Coil 5
- (3) Evaporative Emission (EVAP) Canister Purge Solenoid Valve
- (4) Throttle Body
- (5) Barometric Pressure (BARO) Sensor
- (6) Ignition Coil 6
- (7) Ignition Coil 4
- (8) Ignition Coil 2
- (9) Generator Inline Fuse
- (10) Intake Manifold Tuning (IMT) Solenoid Valve
- (11) Ignition Coil 1

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Fig. 22: Top Of Engine
Courtesy of GENERAL MOTORS CORP.

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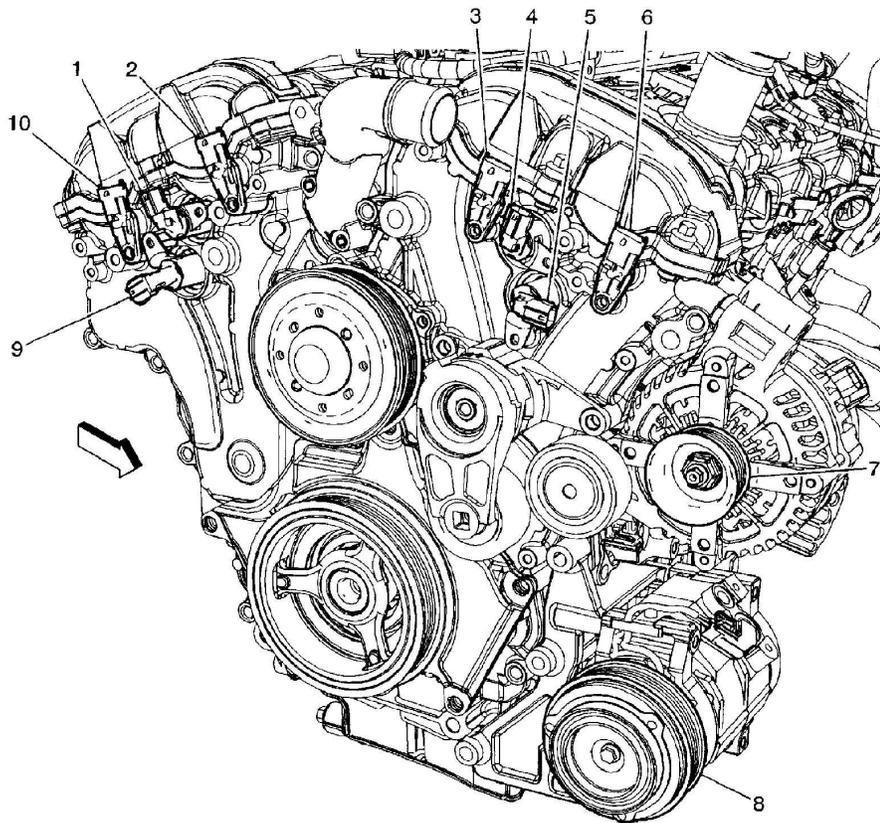
- (1) Valve Cover
- (2) Fuel Injector 1
- (3) J135
- (4) Fuel Injector 3
- (5) Fuel Injector 5
- (6) J137
- (7) Fuel Injector 6
- (8) Fuel Injector 4
- (9) Fuel Injector 2
- (10) X101

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Fig. 23: Top Of Engine
Courtesy of GENERAL MOTORS CORP.

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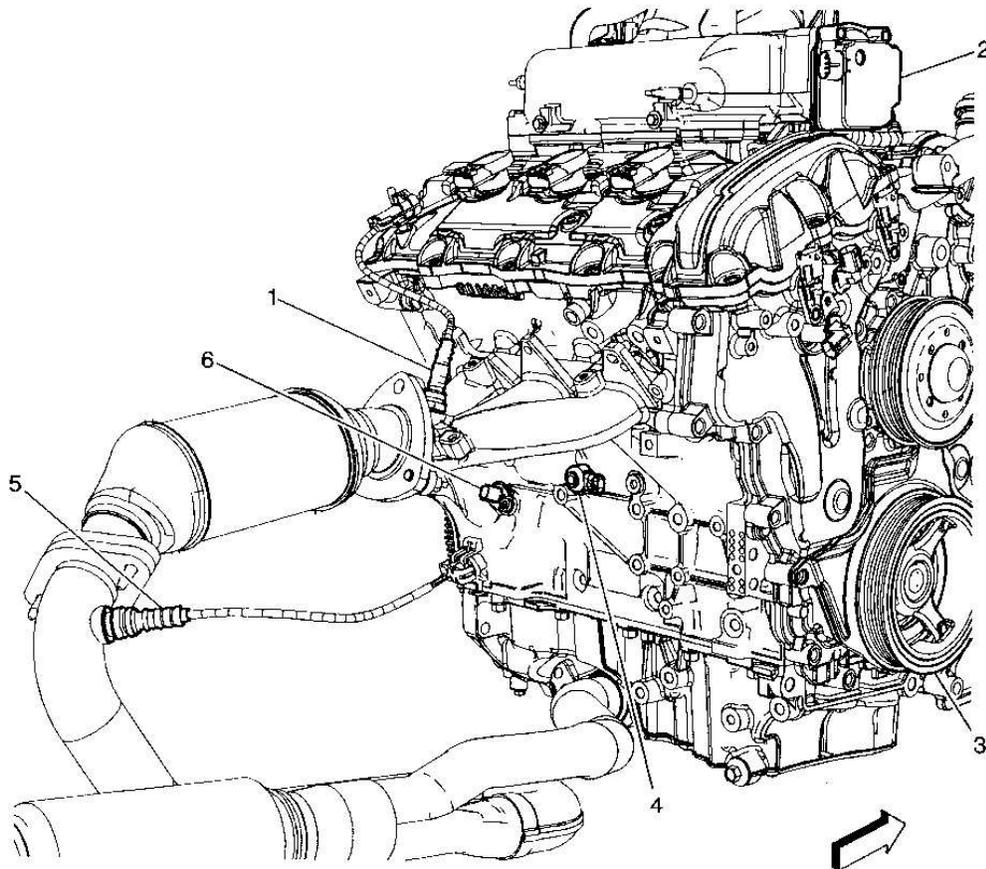
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- (1) Camshaft Position (CMP) Actuator Solenoid - Intake Bank 1
- (2) Camshaft Position (CMP) Sensor - Intake Bank 1
- (3) Camshaft Position (CMP) Sensor - Intake Bank 2
- (4) Camshaft Position (CMP) Actuator Solcnoid - Intake Bank 2
- (5) Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 2
- (6) Camshaft Position (CMP) Sensor - Exhaust Bank 2
- (7) Generator
- (8) A/C Compressor Clutch
- (9) Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 1
- (10) Camshaft Position (CMP) Sensor - Exhaust Bank 1

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Fig. 24: Front Of Engine
Courtesy of GENERAL MOTORS CORP.



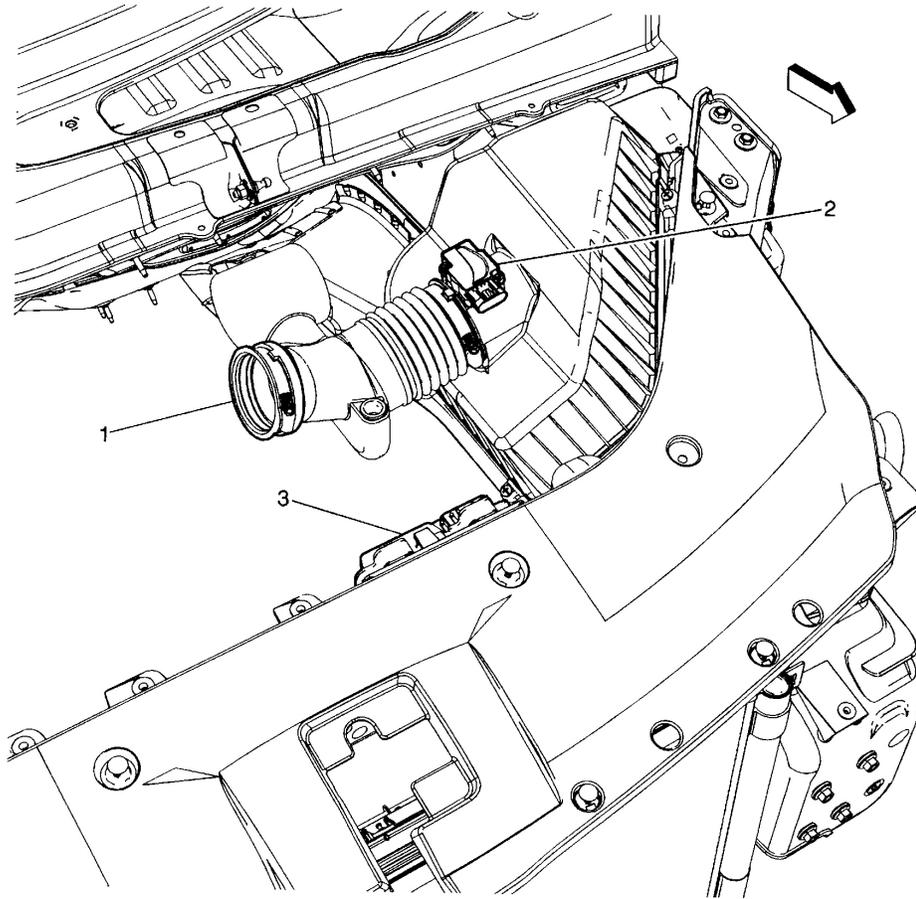
- (1) Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1
- (2) Intake Manifold Tuning (IMT) Solenoid Valve
- (3) Crankshaft Pulley
- (4) Knock Sensor (KS) I
- (5) Heated Oxygen Sensor (HO2S)
- (6) Crankshaft Position (CKP) Sensor

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Fig. 25: Right Side Of Engine
Courtesy of GENERAL MOTORS CORP.

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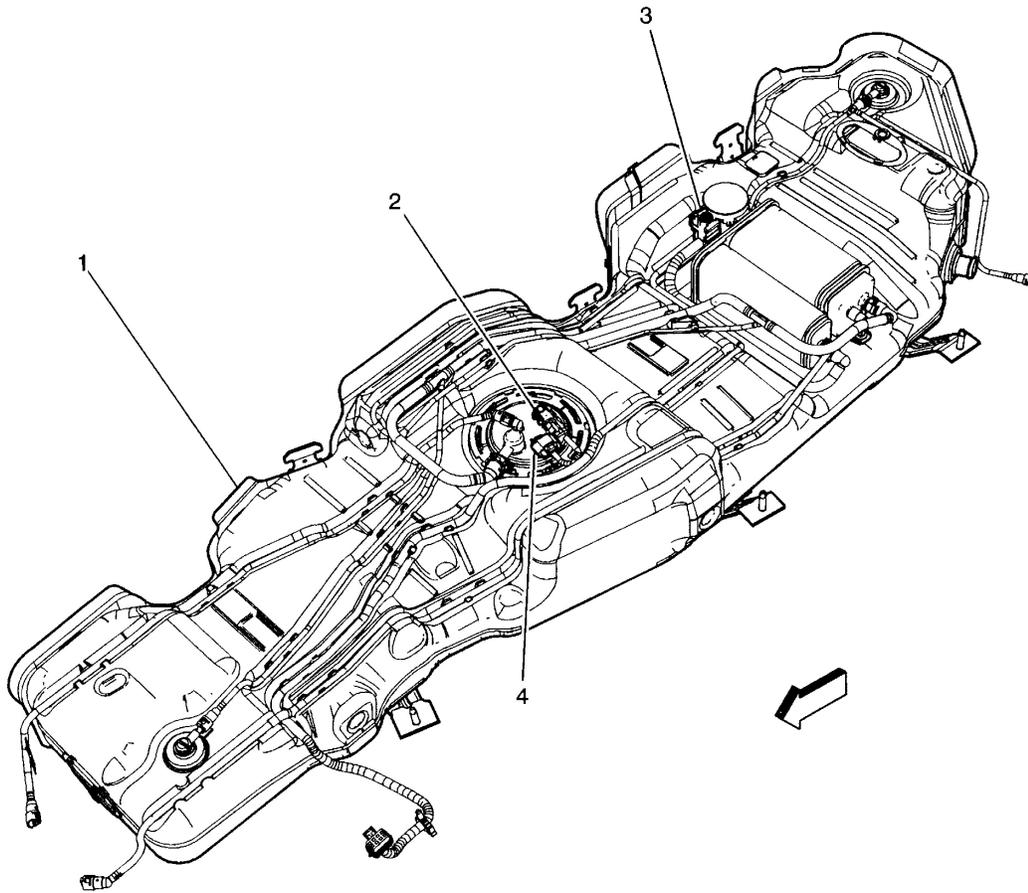
- (1) Air Intake
- (2) Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor
- (3) Engine Control Module (ECM)

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Fig. 26: Left Side Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.

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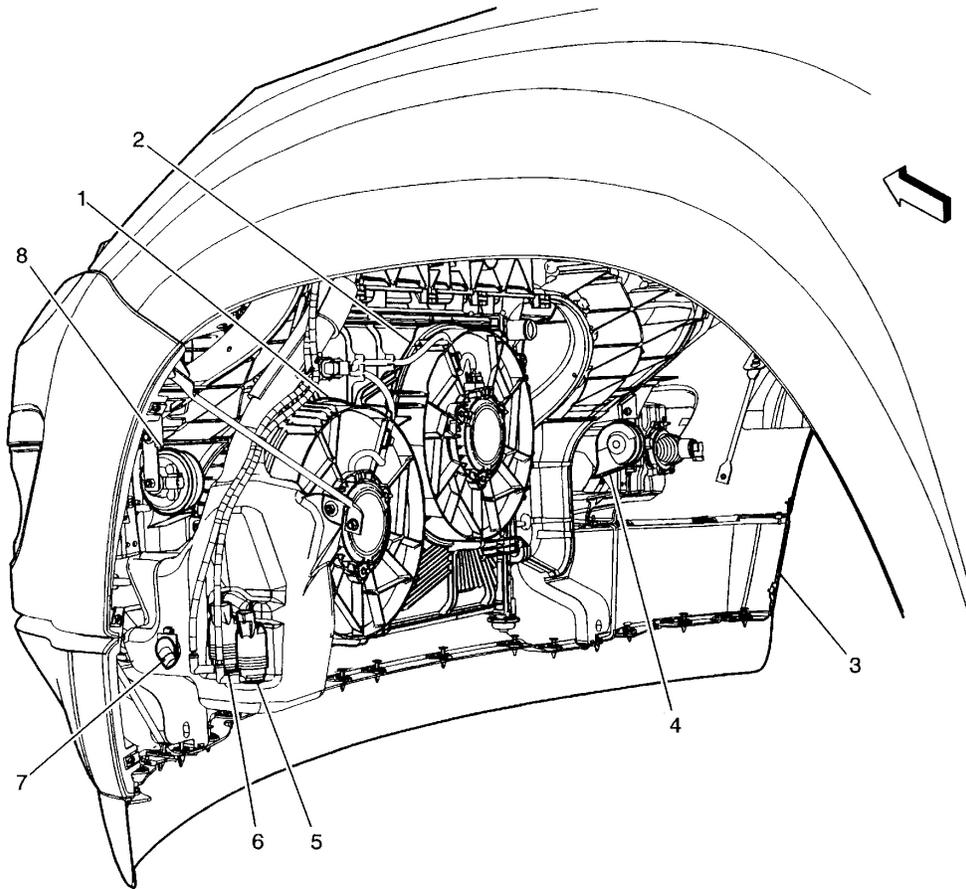
- (1) Fuel Tank
- (2) Fuel Tank Pressure (FTP) Sensor
- (3) Evaporative Emission (EVAP) Canister Vent Solenoid Valve
- (4) Fuel Pump and Sender Assembly

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Fig. 27: Fuel Tank
Courtesy of GENERAL MOTORS CORP.

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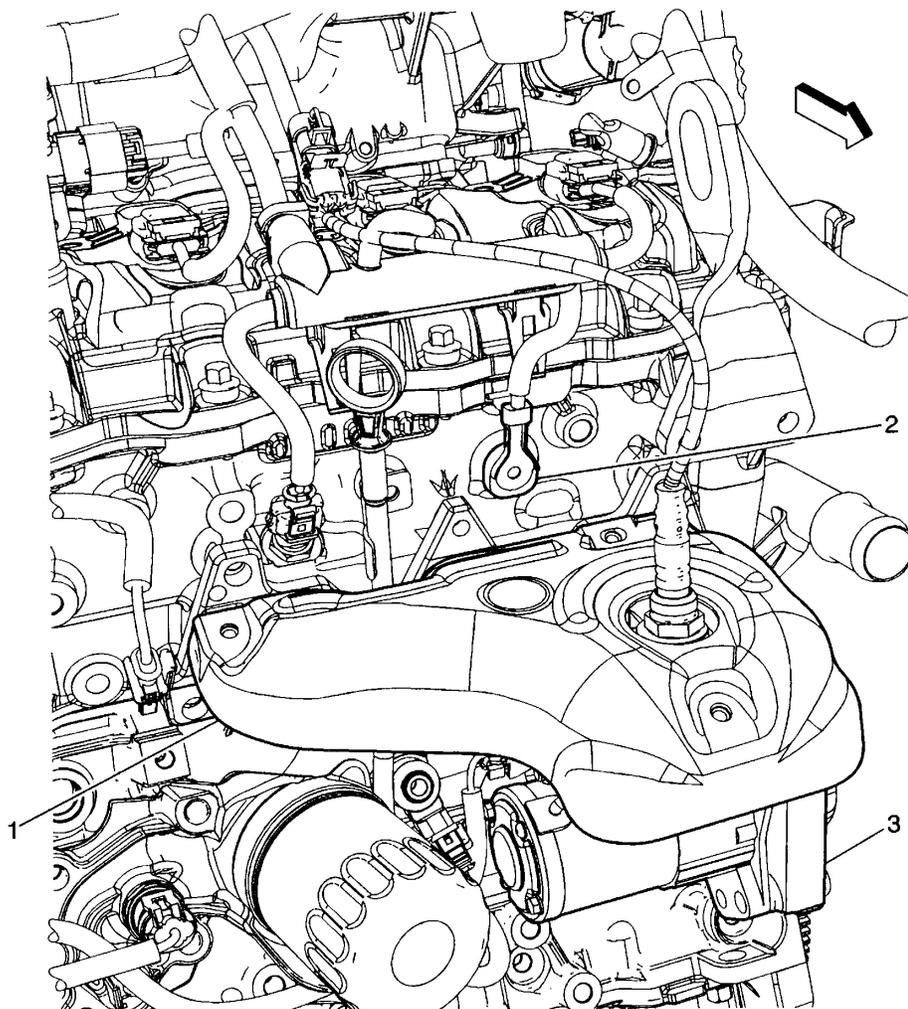
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- (1) Cooling Fan - Left
- (2) Cooling Fan - Right
- (3) LF Fender
- (4) Horn - High Note
- (5) Windshield Washer Fluid Pump
- (6) Rear Window Washer Fluid Pump
- (7) Washer Fluid level Sensor
- (8) Horn - Low Note

G00441400

Fig. 28: Behind Front Fascia
Courtesy of GENERAL MOTORS CORP.



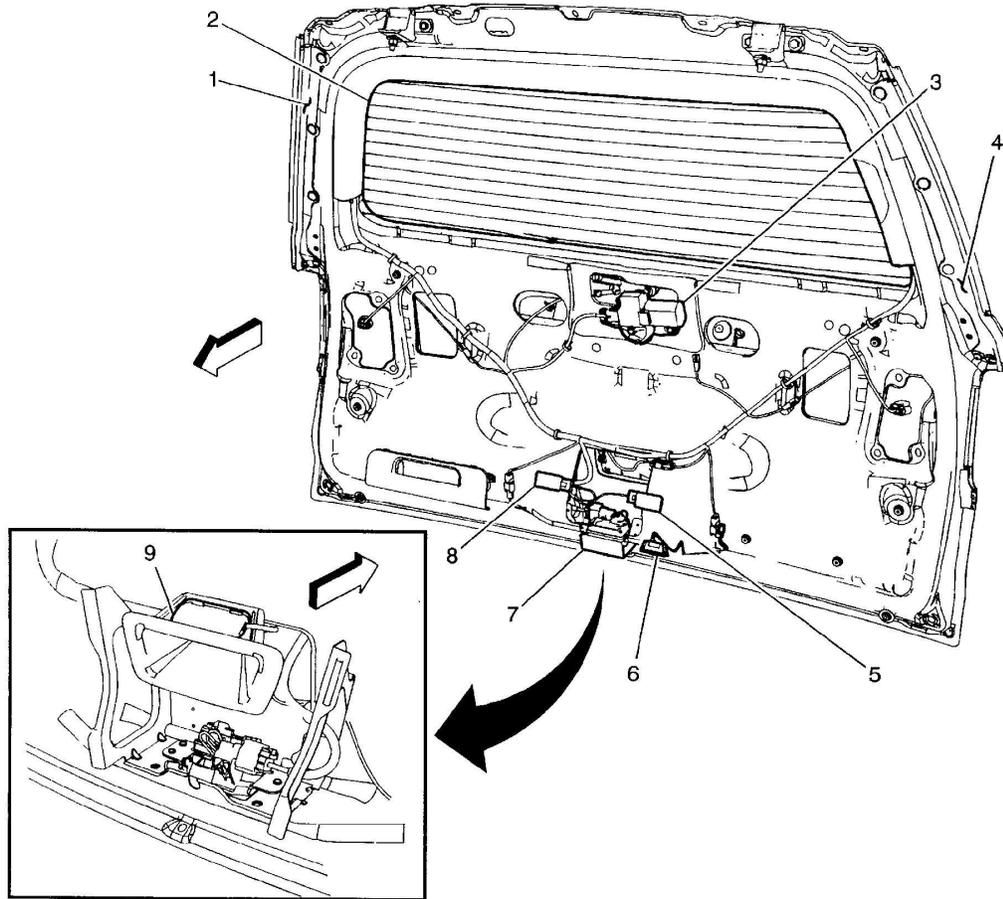
- (1) Exhaust Manifold
- (2) G114
- (3) Starter Motor

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Fig. 29: Left Rear Side Of Engine
Courtesy of GENERAL MOTORS CORP.

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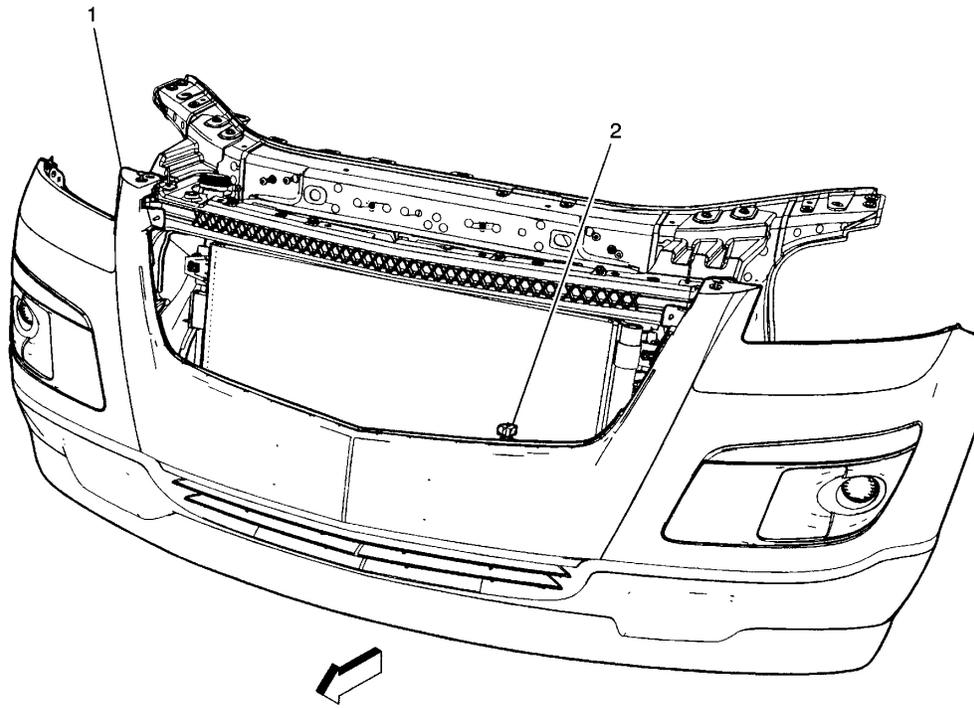
- (1) Liftgate Object Sensor - Right (E61)
- (2) Rear Window Defogger Grid
- (3) Rear Window Wiper Motor
- (4) Liftgate Object Sensor - Left (E61)
- (5) Courtesy Lamp - Liftgate - Left
- (6) Liftgate Switch - Interior (E61)
- (7) Liftgate Latch Assembly
- (8) Courtesy Lamp - Liftgate - Right
- (9) Liftgate Switch - Exterior

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Fig. 30: Liftgate
Courtesy of GENERAL MOTORS CORP.

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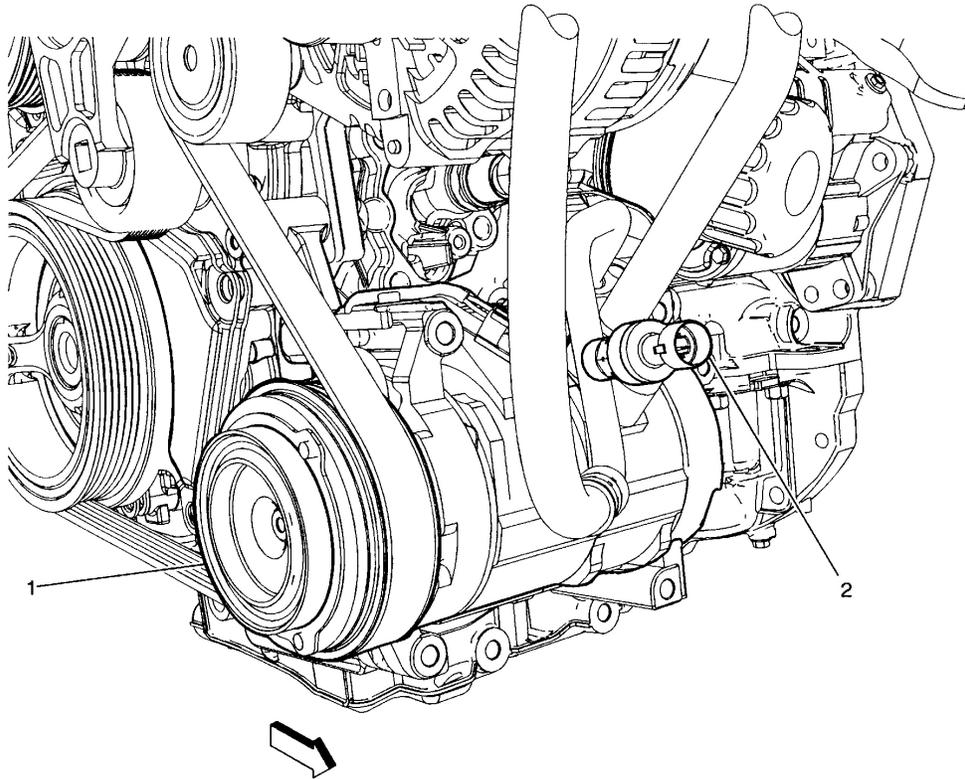
- (1) Front Fascia
- (2) Ambient Temperature Sensor

G00441403

Fig. 31: Behind Front Fascia
Courtesy of GENERAL MOTORS CORP.

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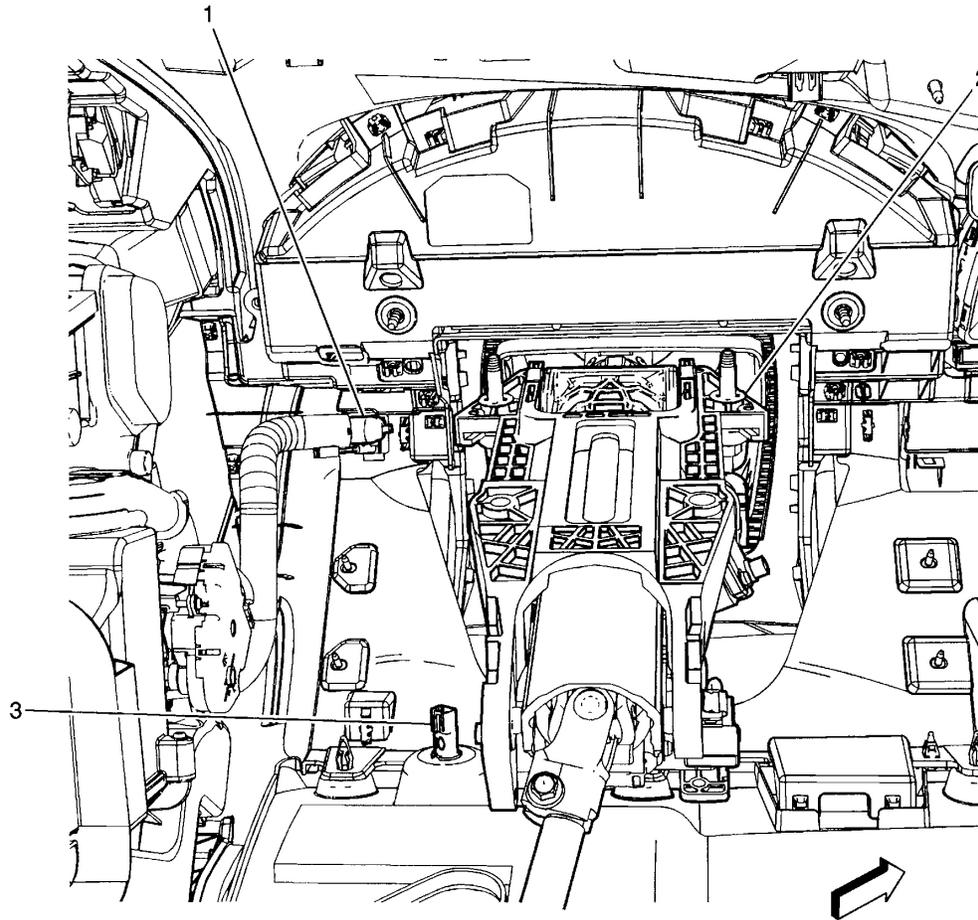
- (1) A/C Compressor
- (2) A/C Refrigerant Pressure Sensor

G00441404

Fig. 32: Lower Left Front Of Engine
Courtesy of GENERAL MOTORS CORP.

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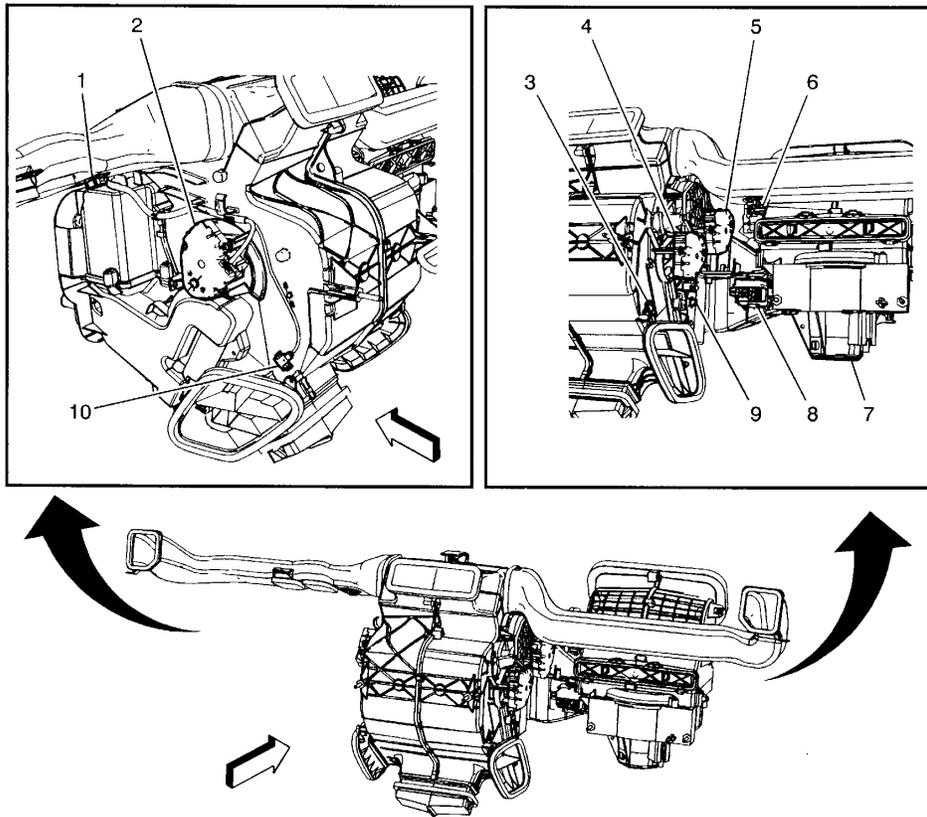
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- (1) Ambient Air Temperature Sensor
- (2) Steering Column
- (3) Courtesy Lamp - Left Footwell

G00441405

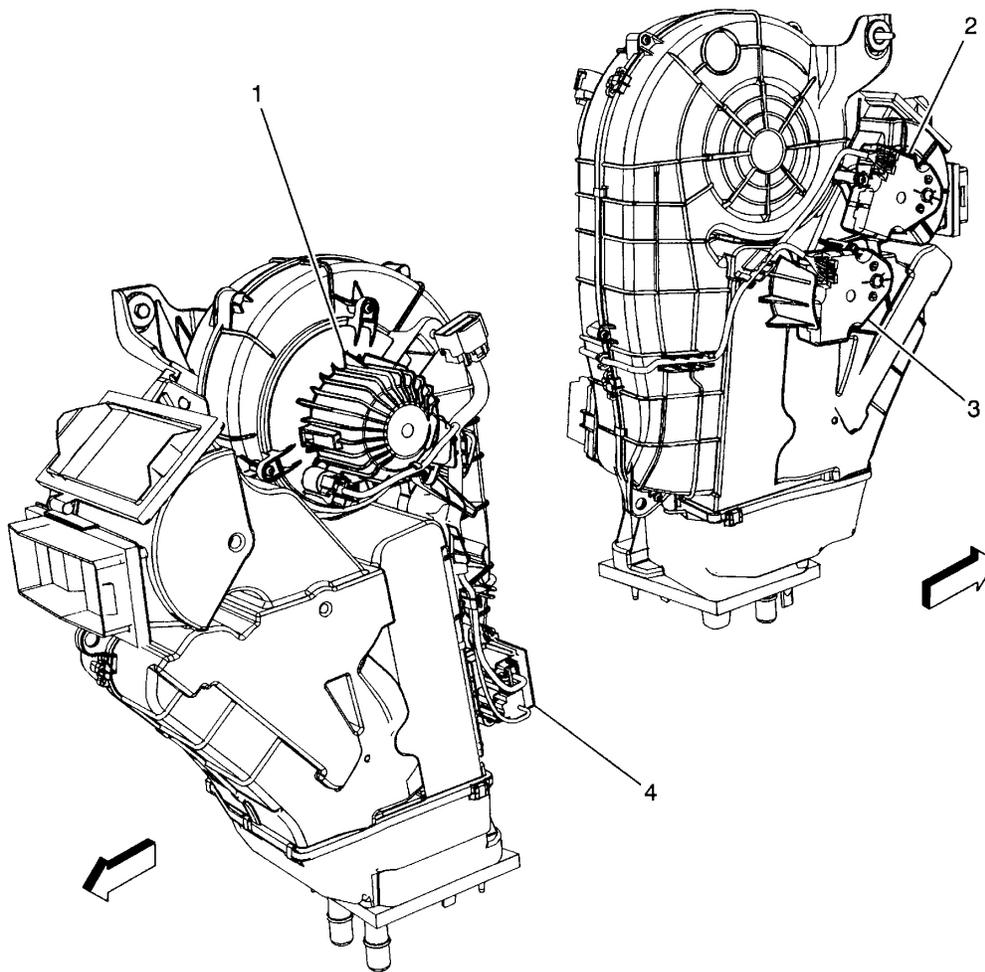
Fig. 33: Under Left Side Of Dash
Courtesy of GENERAL MOTORS CORP.



- (1) Air Temperature Sensor - Upper Left
- (2) Air Temperature Actuator - Left
- (3) Air Temperature Sensor - Lower Right
- (4) Air Temperature Actuator - Right
- (5) Mode Actuator
- (6) Air Temperature Sensor - Upper Right
- (7) Blower Motor
- (8) Blower Motor Control Module
- (9) Evaporator Temperature Sensor
- (10) Air Temperature Sensor - Lower Left

G00441406

Fig. 34: Front HVAC Module
Courtesy of GENERAL MOTORS CORP.



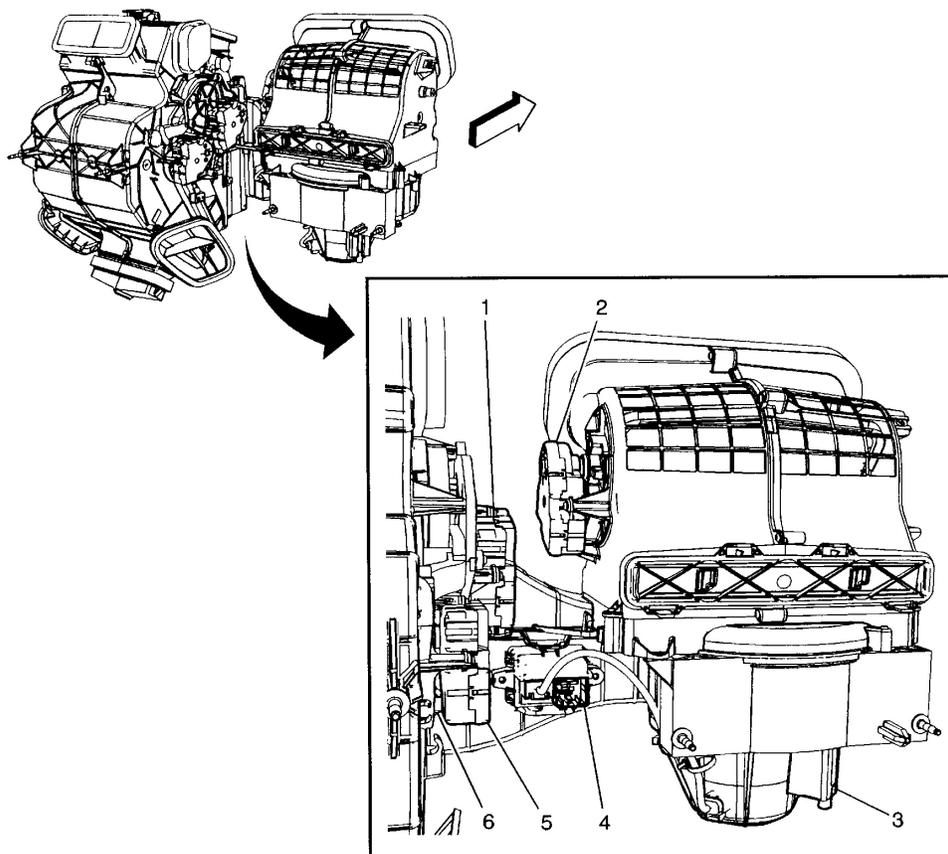
- (1) Blower Motor - Auxiliary
- (2) Mode Actuator - Auxiliary
- (3) Air Temperature Actuator - Auxiliary
- (4) Blower Motor Control Module - Auxiliary

G00441407

Fig. 35: Rear HVAC Module
Courtesy of GENERAL MOTORS CORP.

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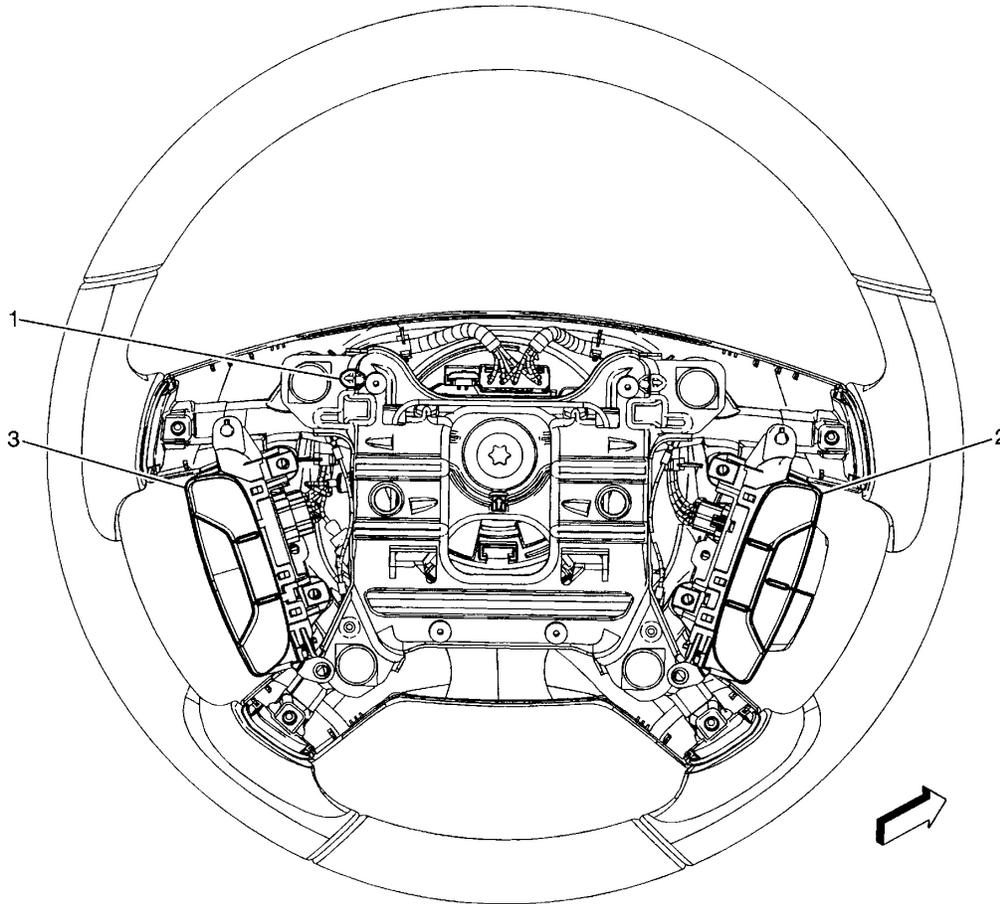
- (1) Mode Actuator
- (2) Recirculation Actuator
- (3) Blower Motor
- (4) Blower Motor Control Module
- (5) Air Temperature Actuator
- (6) Evaporator Temperature Sensor

G00441408

Fig. 36: Front HVAC Module
Courtesy of GENERAL MOTORS CORP.

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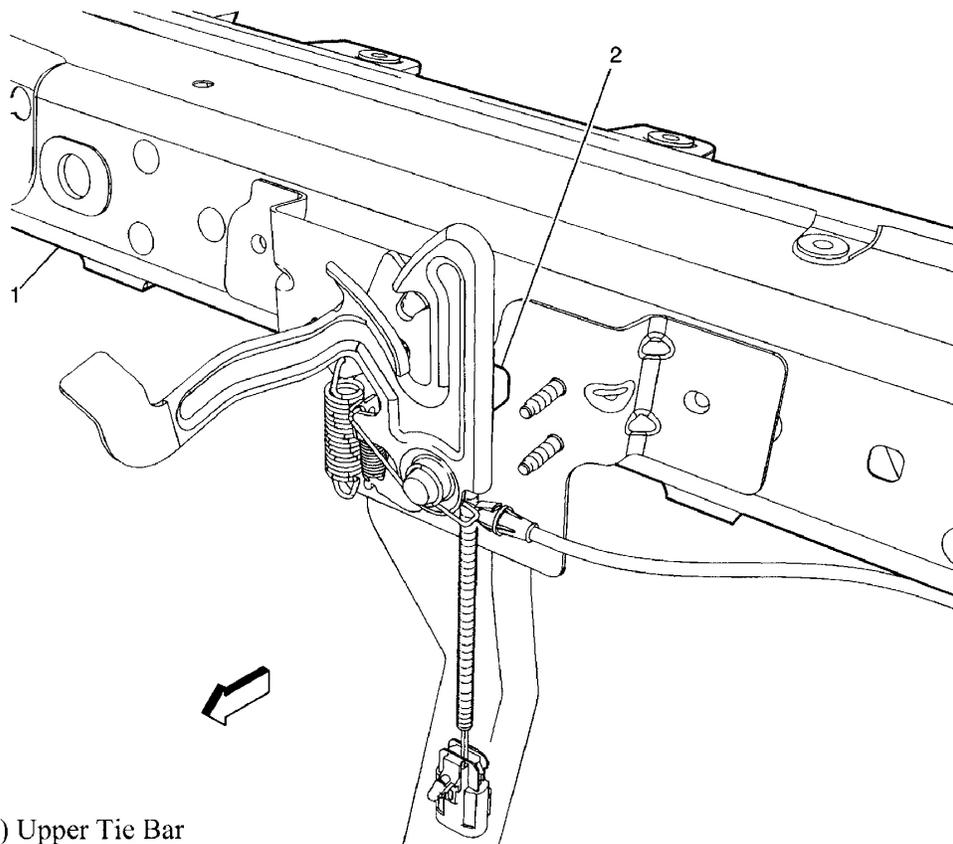
- (1) Horn Switch
- (2) Steering Wheel control Switch Assembly - Right (UK3)
- (3) Steering Wheel Control Switch Assembly - Left

G00441409

Fig. 37: Steering Wheel
Courtesy of GENERAL MOTORS CORP.

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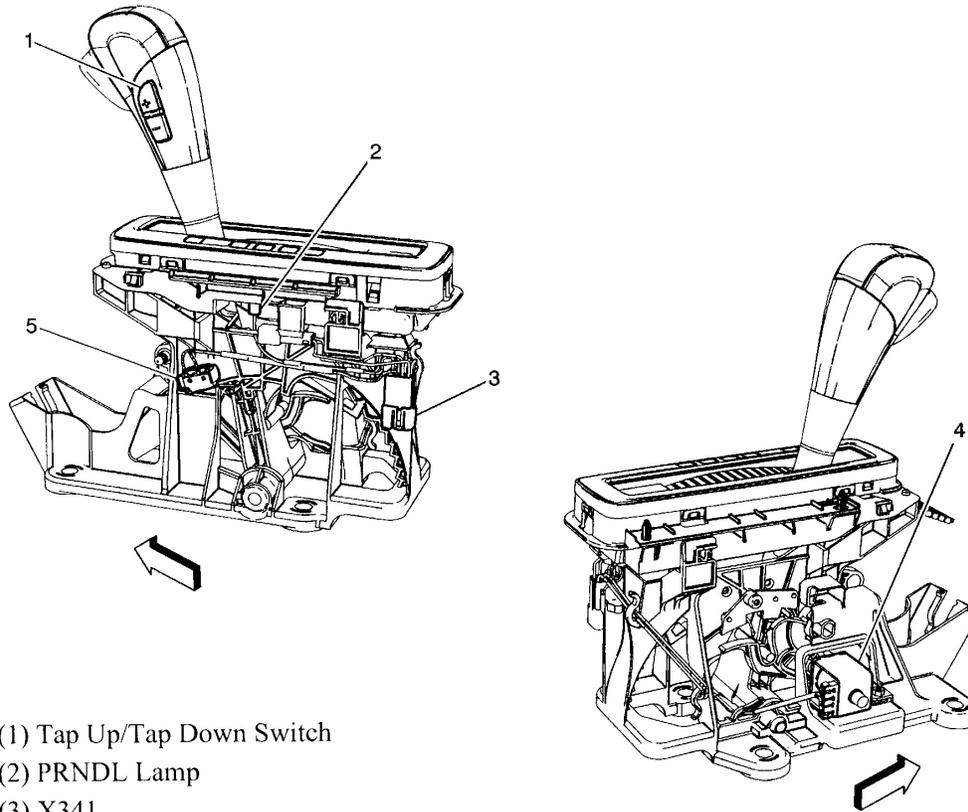
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- (1) Upper Tie Bar
- (2) Hood Ajar Switch (AP3/AP8)

G00441410

Fig. 38: Front Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.



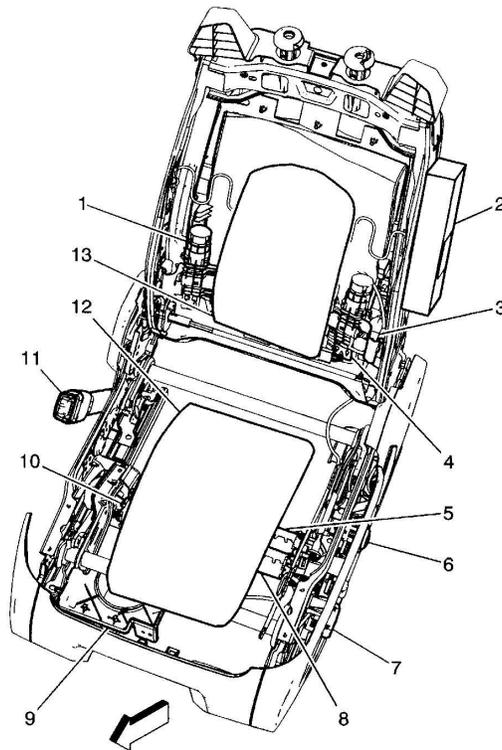
- (1) Tap Up/Tap Down Switch
- (2) PRNDL Lamp
- (3) X341
- (4) A/T Shift Lock Control Solenoid
- (5) Ignition Lock Switch

G00441411

Fig. 39: Shifter Assembly
Courtesy of GENERAL MOTORS CORP.

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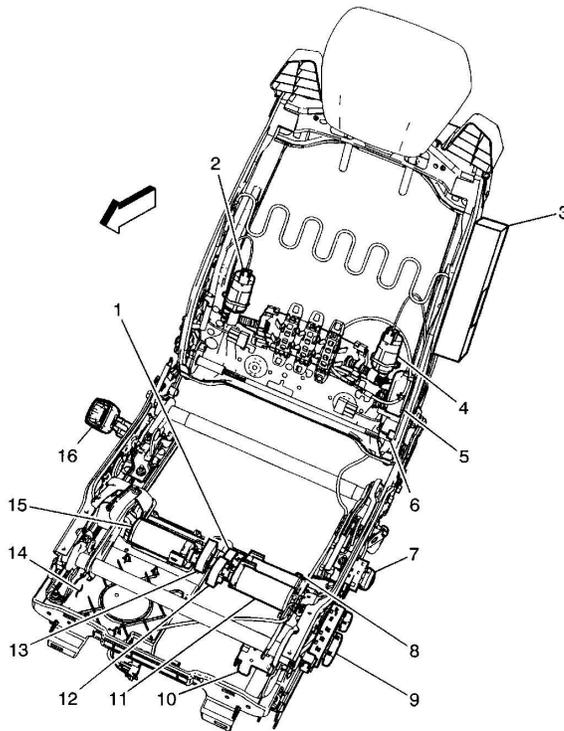
- | | |
|----------------------------------------------------|-------------------------------------------------|
| (1) Seat Lumbar Vertical Motor - Driver | (8) Seat Rear Vertical Motor - Driver |
| (2) Inflatable Restraint Side Impact Module - Left | (9) Heated Seat Control Module - Driver (KA1) |
| (3) Seat Recline Motor - Driver | (10) Seat Front Vertical Motor - Driver |
| (4) Seat Lumbar Horizontal Motor - Driver | (11) Seat Belt Switch - Driver |
| (5) Seat Horizontal Motor - Driver | (12) Heated Seat Element - Driver Cushion (KA1) |
| (6) Seat Lumbar Switch - Driver | (13) Heated Seat Element - Driver Back (KA1) |
| (7) Seat Adjuster Switch - Driver | |

G00441412

Fig. 40: Driver's Seat (Power Seat)
Courtesy of GENERAL MOTORS CORP.

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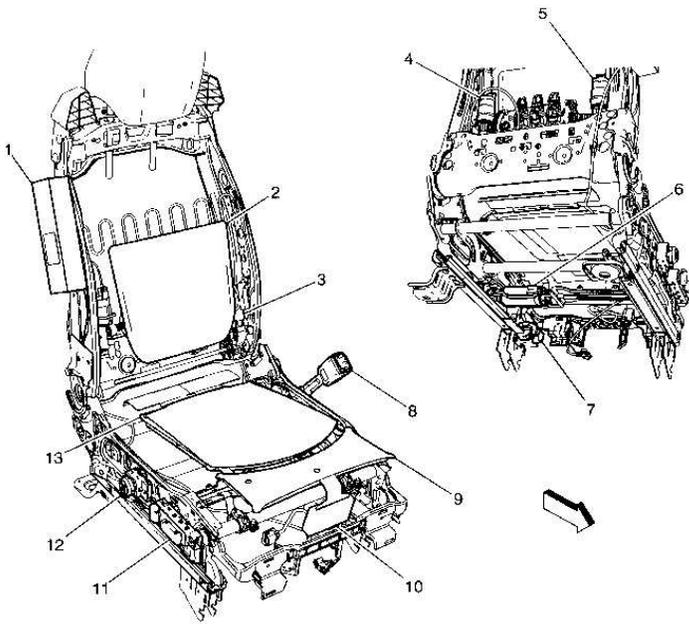
- | | |
|-----------------------------------------------------|---------------------------------------------------------------------|
| (1) Seat Horizontal Position Sensor | (9) Seat Adjuster Switch - Driver (AG1/AG3/AH5) |
| (2) Seat Lumbar Vertical Motor - Driver (AG3/AH5) | (10) Inflatable Restraint Seat Position Sensor (SPS) - Driver (W49) |
| (3) Inflatable Restraint Side Impact Module - Left | (11) Seat Rear Vertical Motor - Driver |
| (4) Seat Lumbar Horizontal Motor - Driver (AG3/AH5) | (12) Seat Rear Vertical Position Sensor |
| (5) Seat Recline Motor - Driver (AG3/AH5) | (13) Seat Front Vertical Position Sensor |
| (6) Seat Recline Position Sensor - Driver | (14) Memory Seat Module |
| (7) Seat Lumbar Switch - Driver (AG3/AH5) | (15) Seat Front Vertical Motor - Driver |
| (8) Seat Horizontal Motor - Driver (AG1/AG3/AH5) | (16) Seat Belt Switch - Driver |

G00441413

Fig. 41: Driver's Seat (Power Memory Seat)
Courtesy of GENERAL MOTORS CORP.

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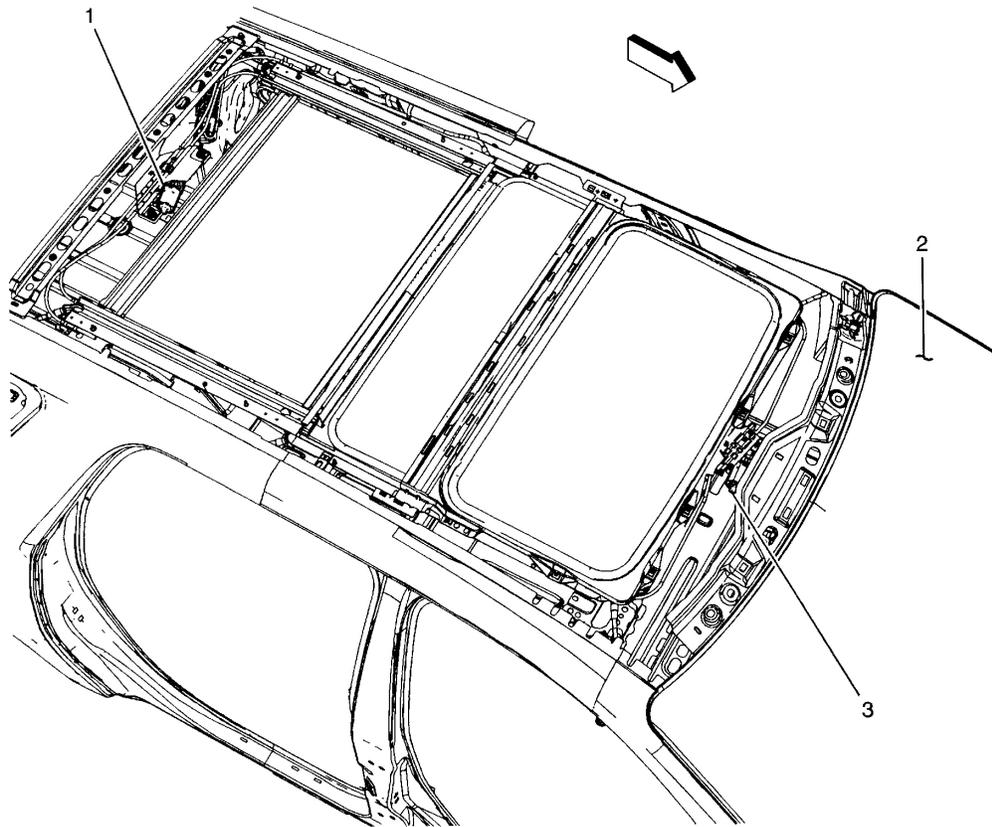
- | | |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------|
| (1) Inflatable Restraint Side Impact Module - Right | (8) Seat Belt Switch - Passenger |
| (2) Heated Seat Element - Passenger Back (KA1) | (9) Inflatable Restraint Front Passenger Presence System (PPS) Sensor |
| (3) Seat Recline Motor - Passenger (AAQ) | (10) Passenger Presence System (PPS) Module (Part of PPS Sensor) |
| (4) Seat Lumbar Horizontal Motor - Passenger (AAQ) | (11) Seat Adjuster Switch - Passenger |
| (5) Seat Lumbar Vertical Motor - Passenger (AAQ) | (12) Seat Lumbar Switch - Passenger |
| (6) Seat Horizontal Motor - Passenger | (13) Heated Seat Element - Passenger Back |
| (7) Inflatable Restraint Seat Position Sensor (SPS) - Passenger (W49) | |

G00441414

Fig. 42: Front Passenger's Seat
Courtesy of GENERAL MOTORS CORP.

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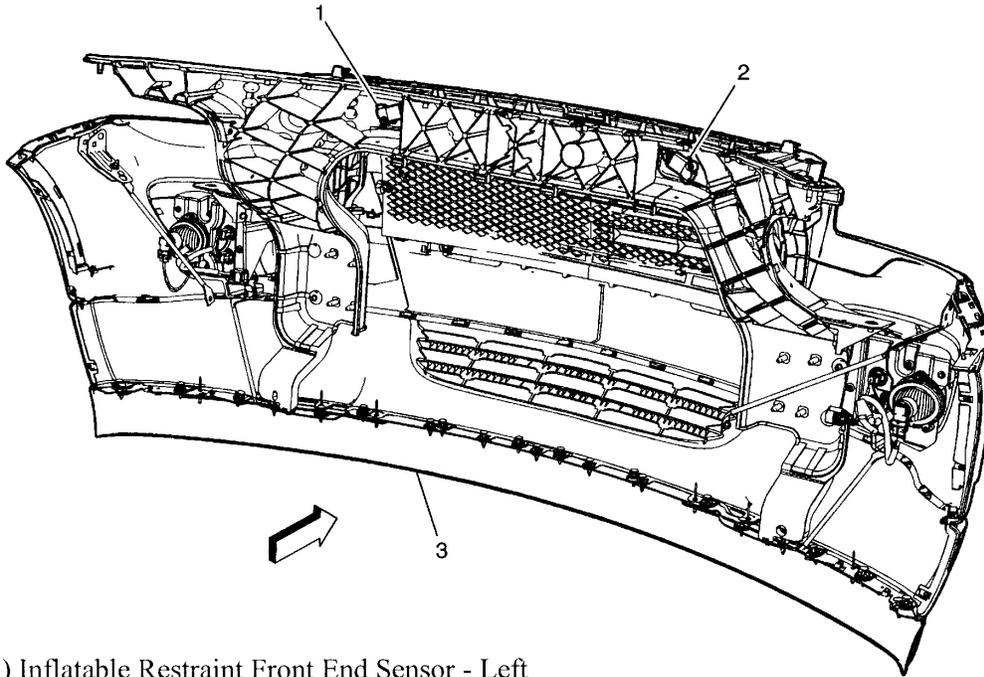
- (1) Sunroof Shade Module
- (2) Windshield
- (3) Sunroof Control Module

G00441415

Fig. 43: Roof
Courtesy of GENERAL MOTORS CORP.

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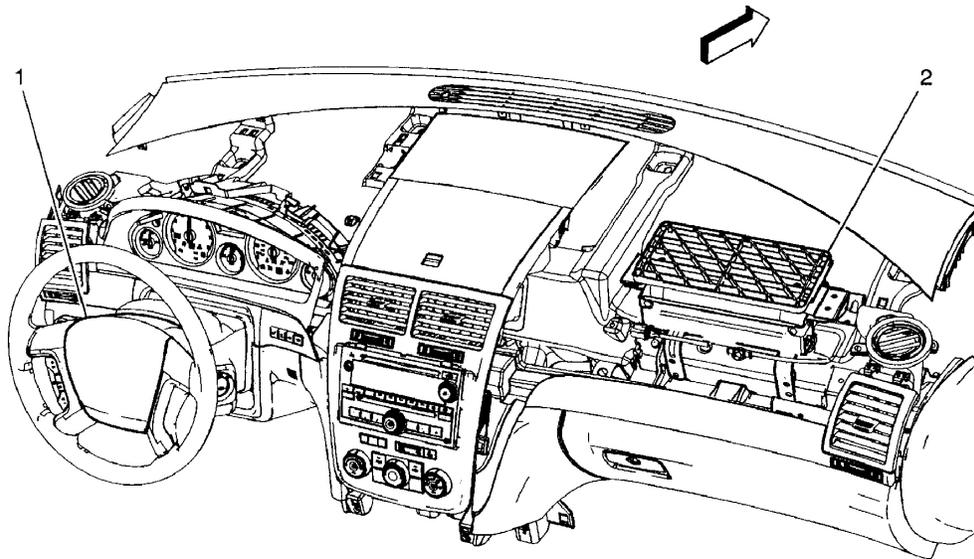
- (1) Inflatable Restraint Front End Sensor - Left
- (2) Inflatable Restraint Front End Sensor - Right
- (3) Front Fascia

G00441416

Fig. 44: Front Fascia
Courtesy of GENERAL MOTORS CORP.

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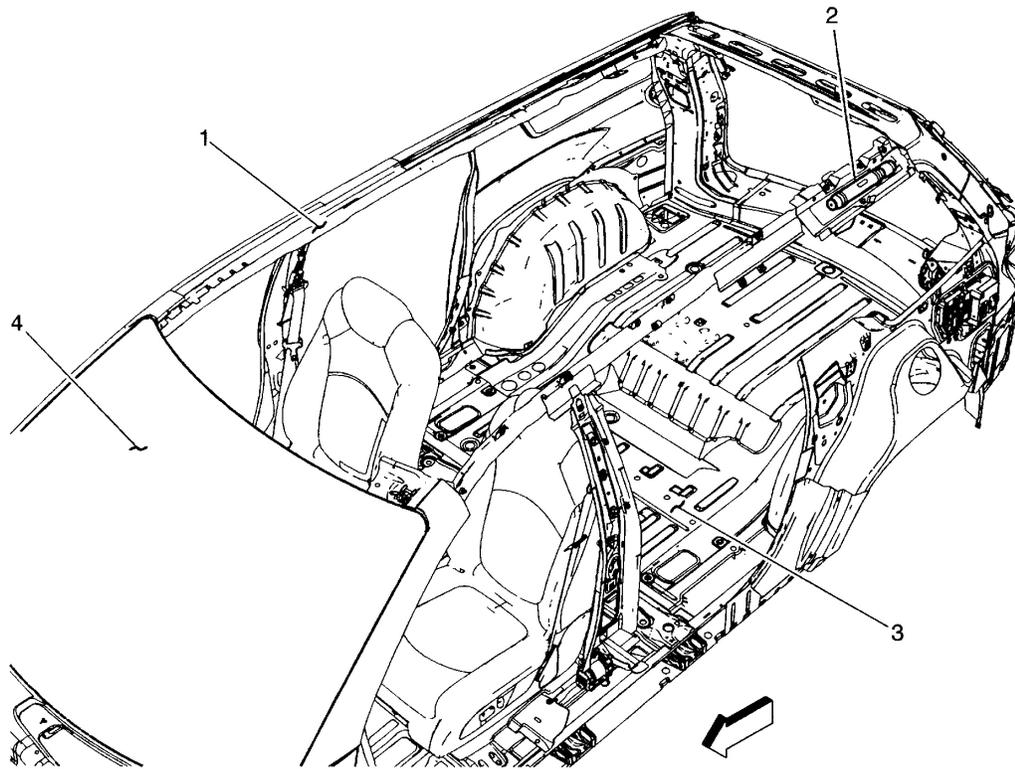
- (1) Inflatable Restraint Steering Wheel Module
- (2) Inflatable Restraint I/P Module

G00441417

Fig. 45: Dash
Courtesy of GENERAL MOTORS CORP.

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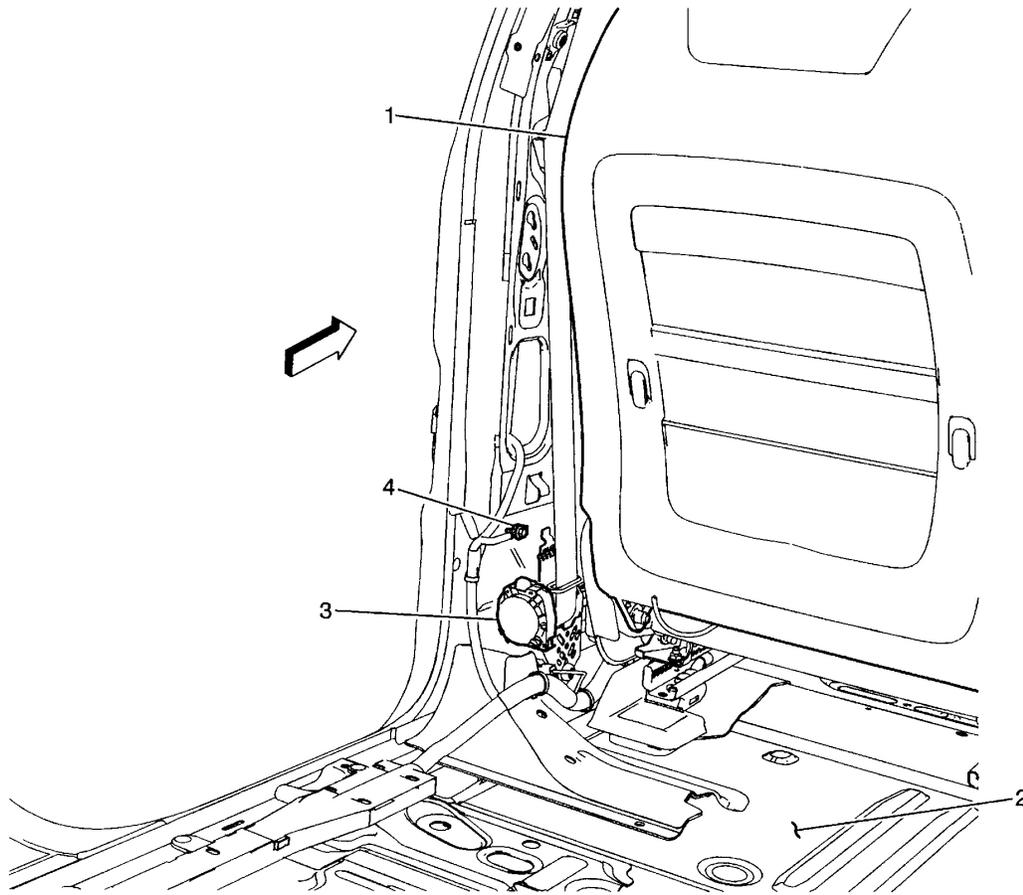
- (1) Inflatable Restraint Roof Rail Module - Passenger
- (2) Inflatable Restraint Roof Rail Module - Driver
- (3) Floor Panel
- (4) Windshield

G00441418

Fig. 46: Roof
Courtesy of GENERAL MOTORS CORP.

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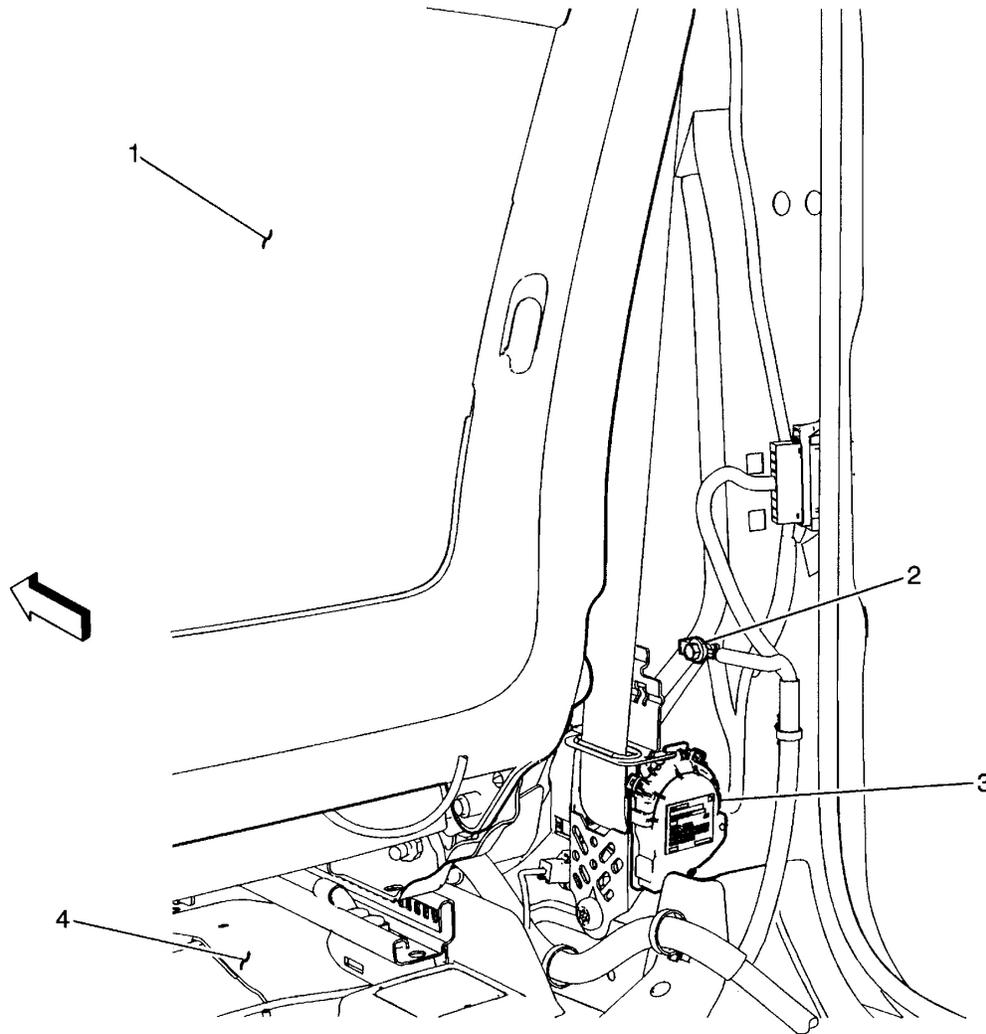
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- (1) Passenger Seat
- (2) Floor Panel
- (3) Seat Belt Pretensioner - Driver
- (4) G303

G00441419

Fig. 47: Left "B" Pillar
Courtesy of GENERAL MOTORS CORP.



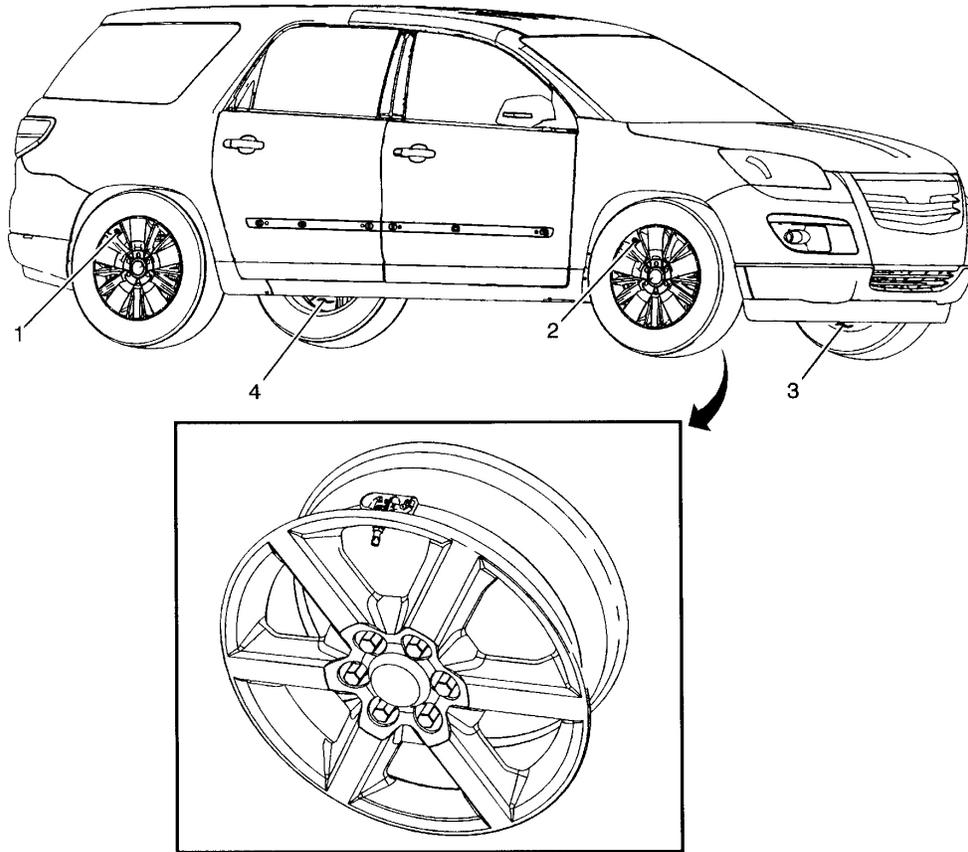
- (1) Passenger Seat
- (2) G302
- (3) Seat Belt Pretensioner - Passenger
- (4) Floor Panel

G00441420

Fig. 48: Right "B" Pillar
Courtesy of GENERAL MOTORS CORP.

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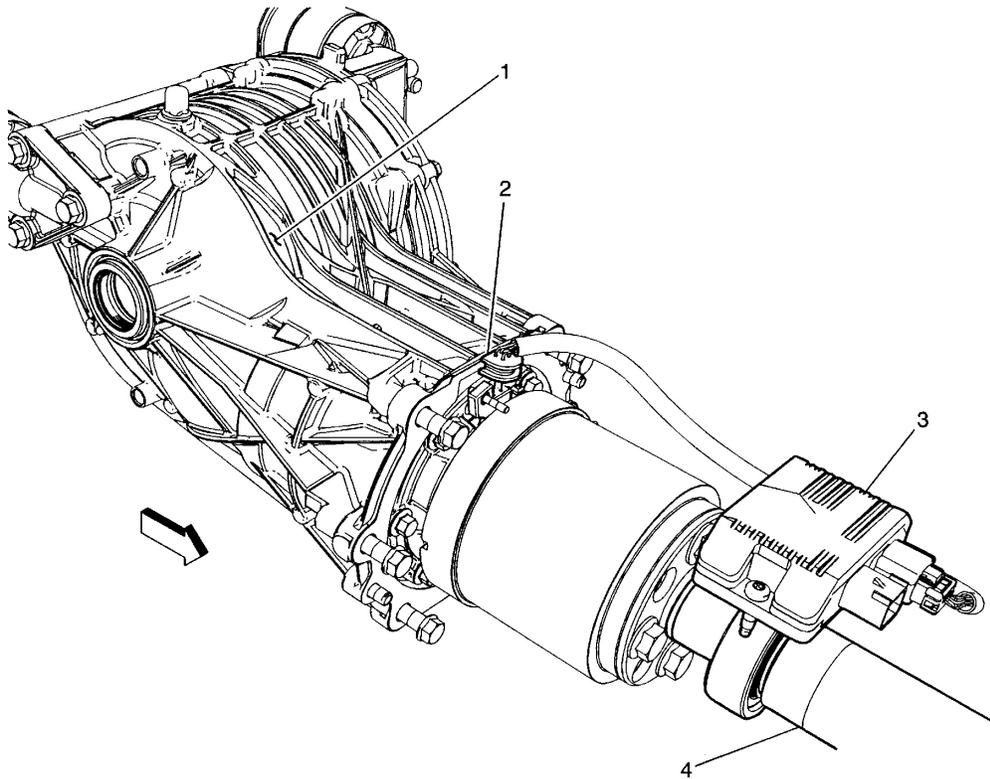
- (1) Tire Pressure Monitor Sensor - RR
- (2) Tire Pressure Monitor Sensor - RF
- (3) Tire Pressure Monitor Sensor - LF
- (4) Tire Pressure Monitor Sensor - LR

G00441421

Fig. 49: Vehicle Tire Overview
Courtesy of GENERAL MOTORS CORP.

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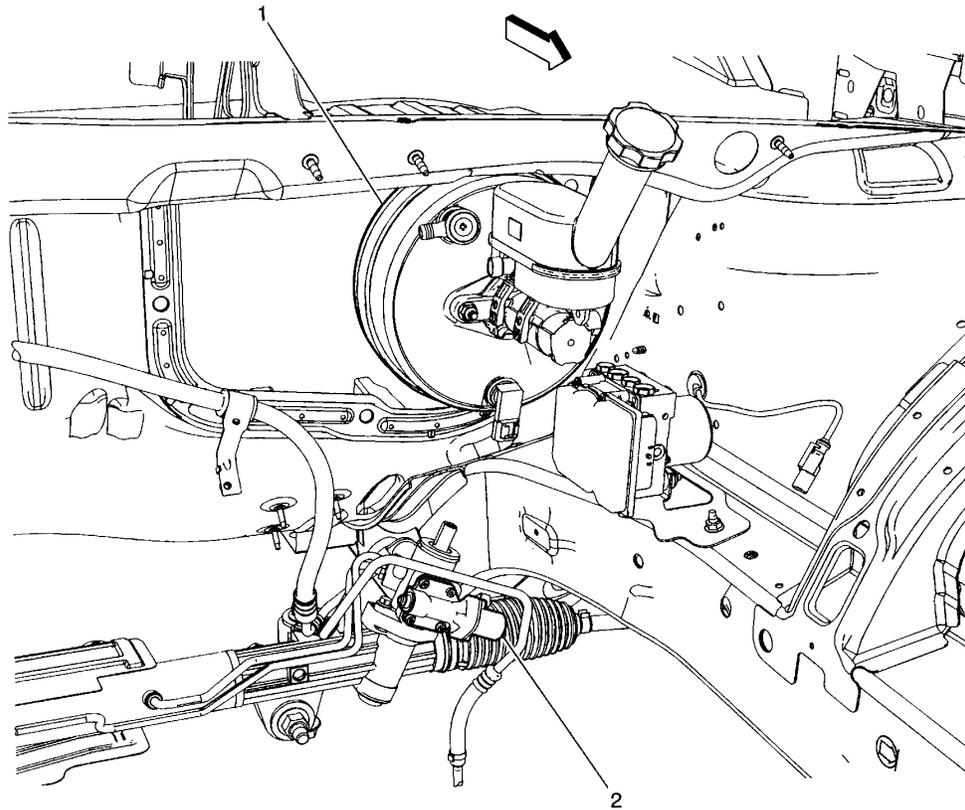
- (1) Rear Differential
- (2) Differential Clutch Pump Actuator Check Valve (MH6)
- (3) Transfer Case Shift Control Module (MH6)
- (4) Drive Axle

G00441422

Fig. 50: Under Rear Of Vehicle
Courtesy of GENERAL MOTORS CORP.

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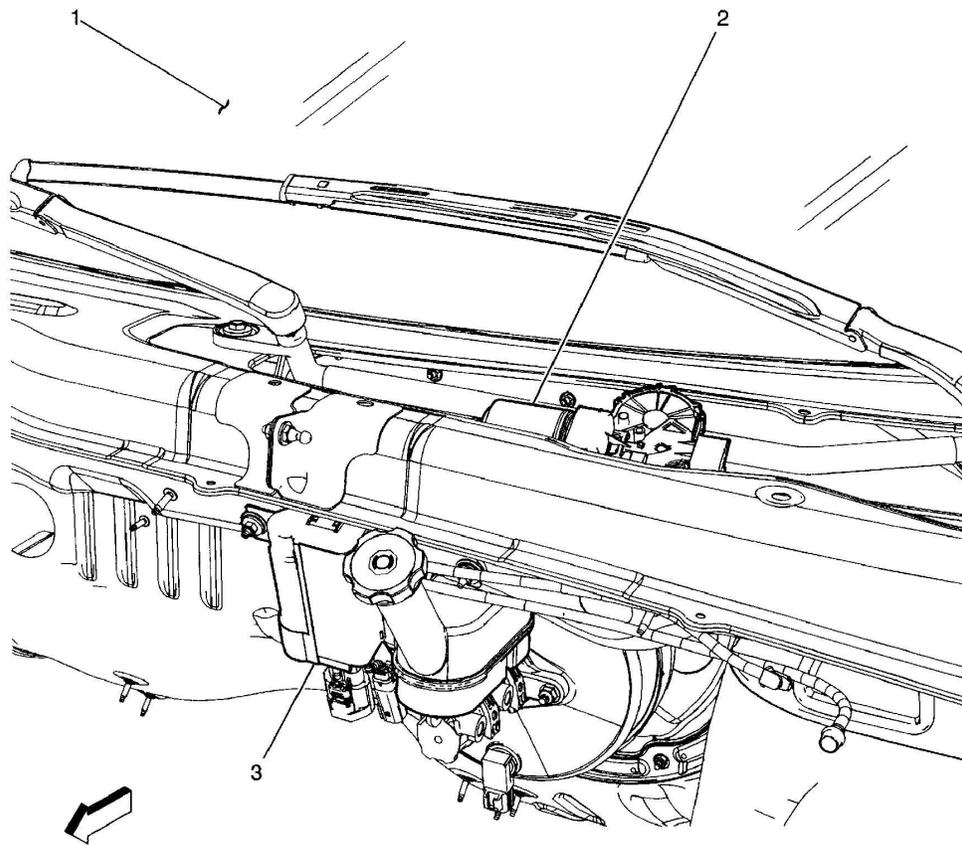
- (1) Brake Vacuum Booster
- (2) Variable Effort Steering Actuator (NV7)

G00441423

**Fig. 51: Left Rear Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.**

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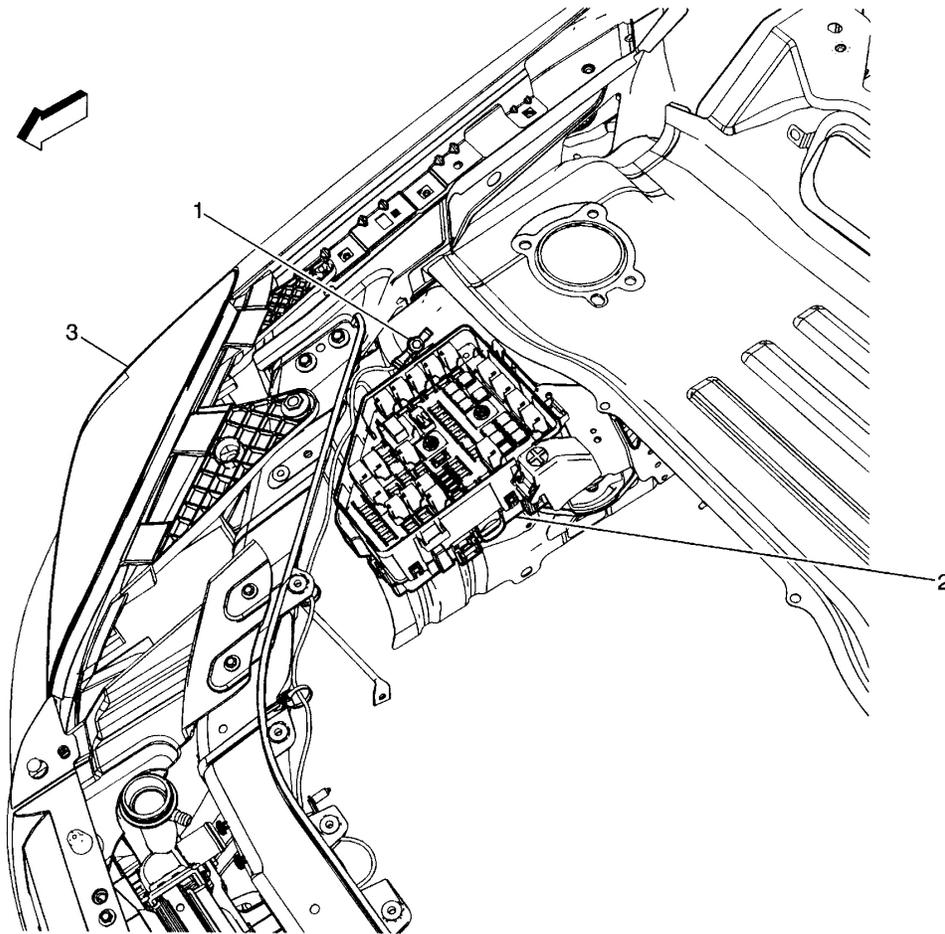
- (1) Windshield
- (2) Windshield Wiper Motor
- (3) Windshield Heated Washer Fluid Module

G00441424

Fig. 52: Rear Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.

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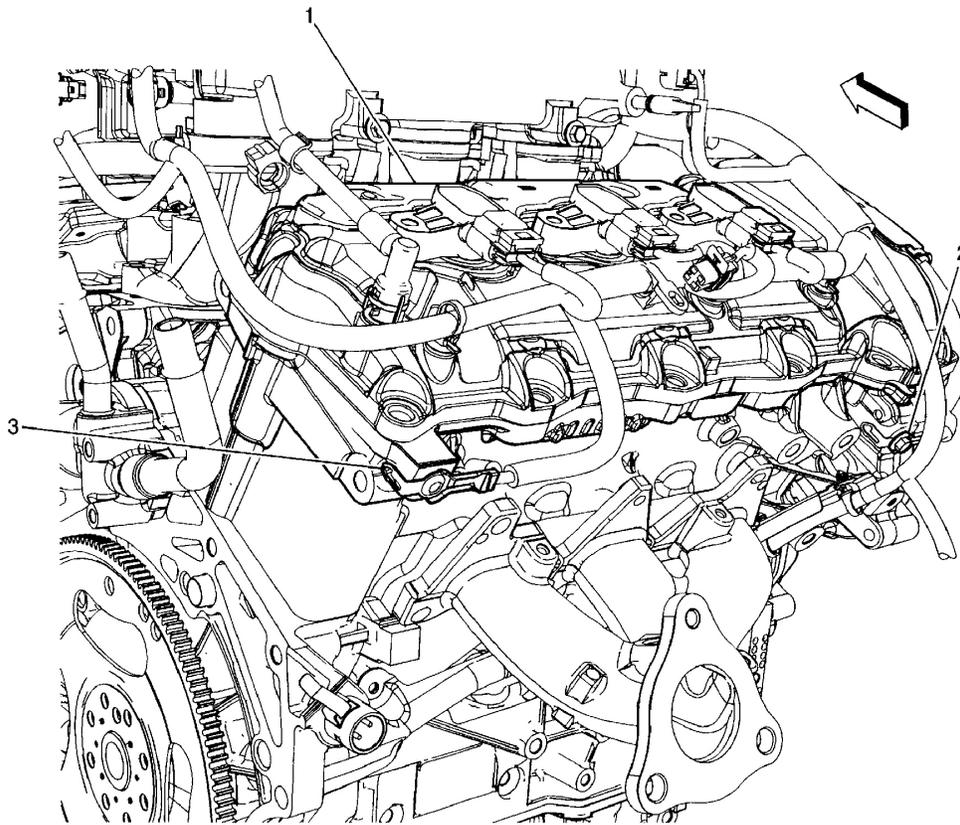
- (1) G102
- (2) Fuse Block - Underhood
- (3) RF Headlamp

G00441425

Fig. 53: Right Side Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.

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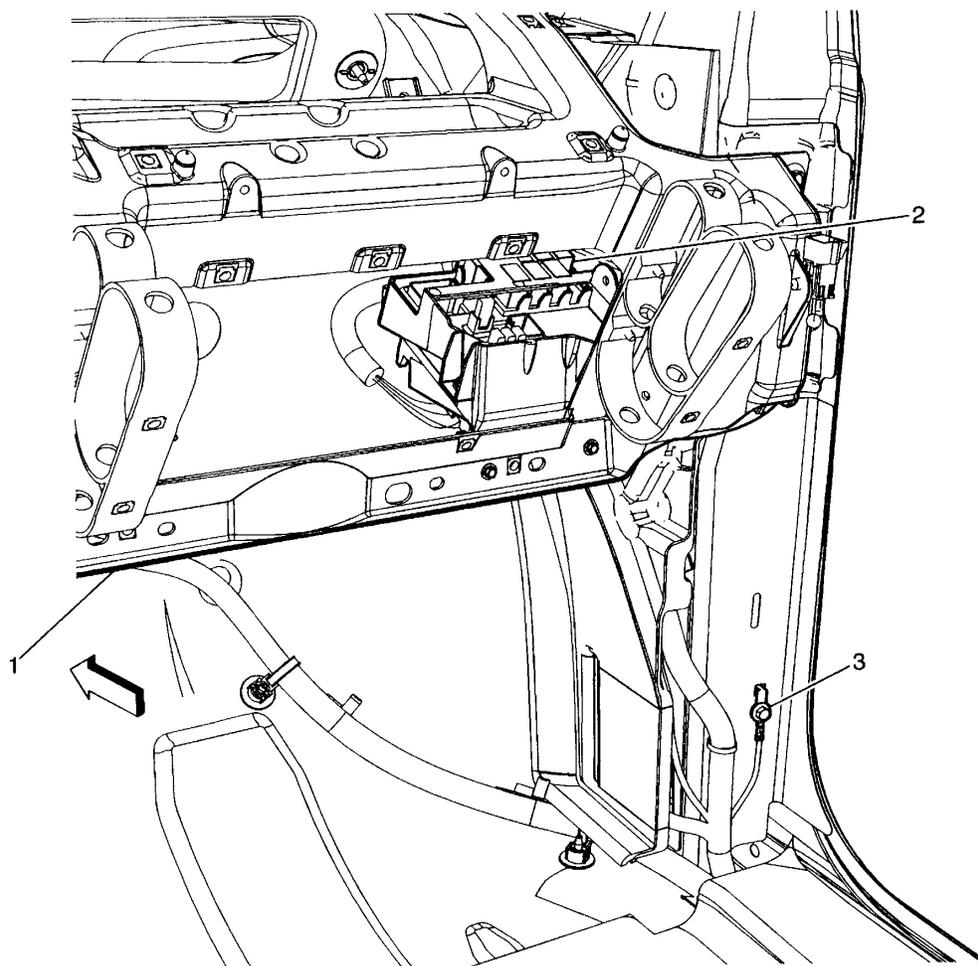
- (1) Valve Cover
- (2) G110
- (3) G112

G00441426

Fig. 54: Right Side Of Engine
Courtesy of GENERAL MOTORS CORP.

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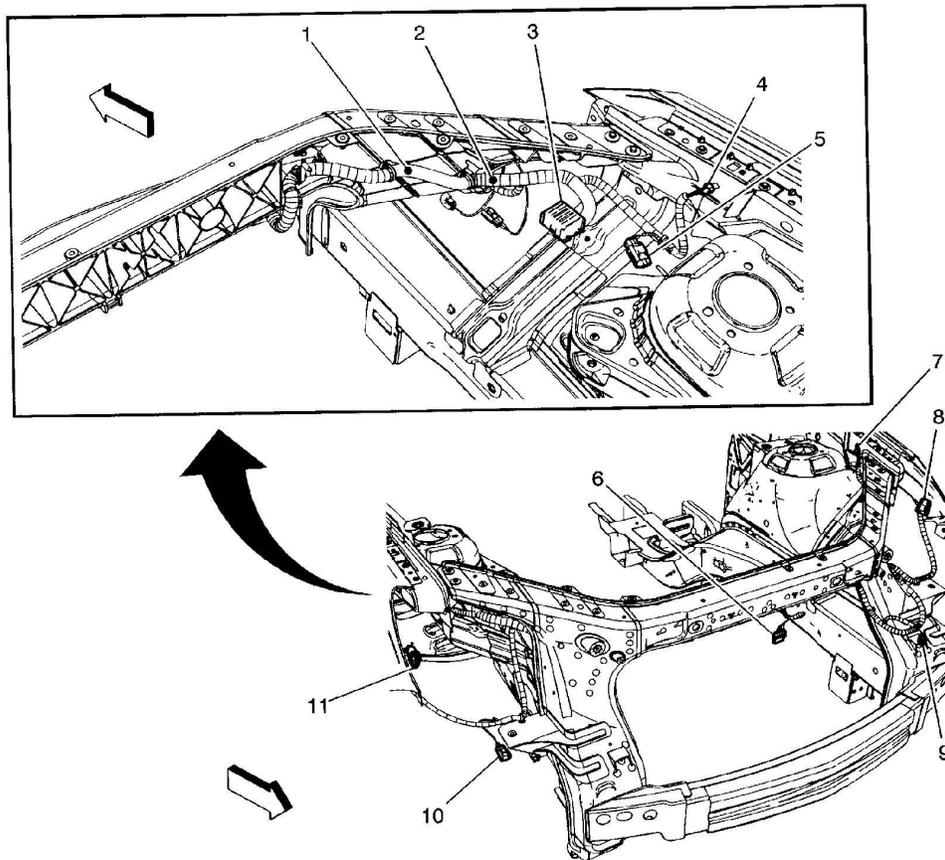
- (1) I/P Structure
- (2) Fuse Block - I/P
- (3) G300

G00441427

Fig. 55: Right Side Of Dash & Right Kick Panel
Courtesy of GENERAL MOTORS CORP.

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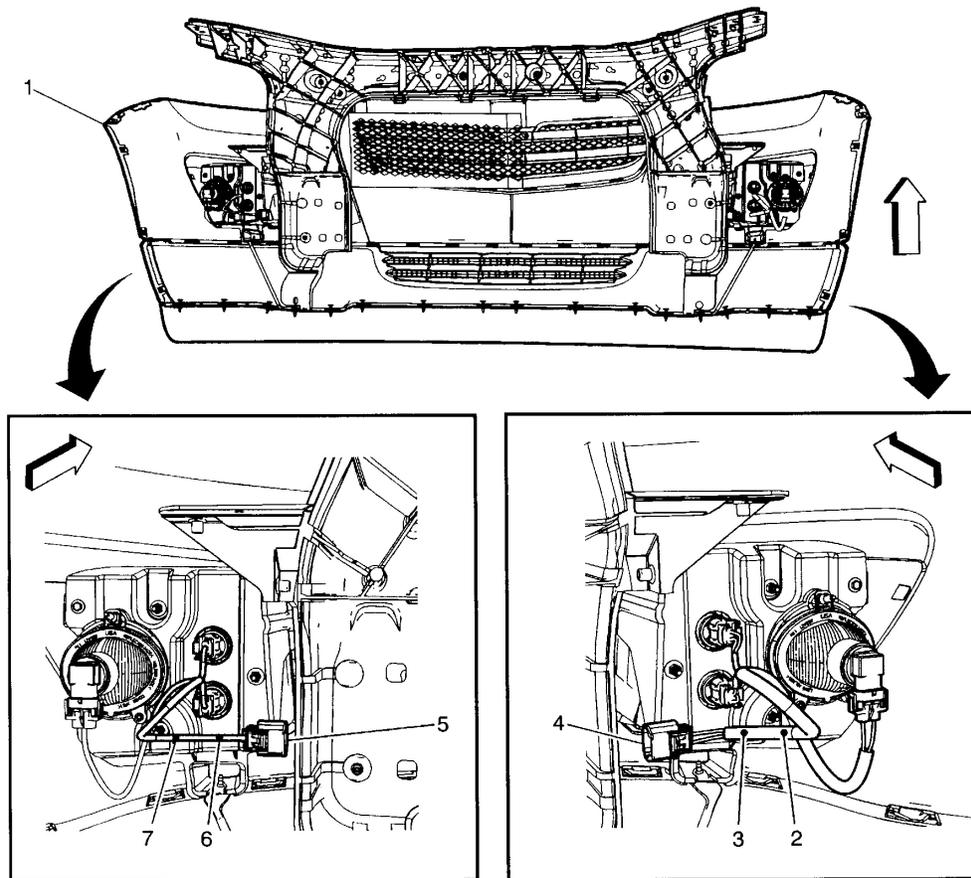
- (1) J122
- (2) J120
- (3) Fuse Block - Underhood X1
- (4) G102
- (5) X120
- (6) X104
- (7) G103
- (8) X151
- (9) X107 (W49/WDA)
- (10) X108 (W49/WDA)
- (11) X150

G00441428

Fig. 56: Engine Compartment
Courtesy of GENERAL MOTORS CORP.

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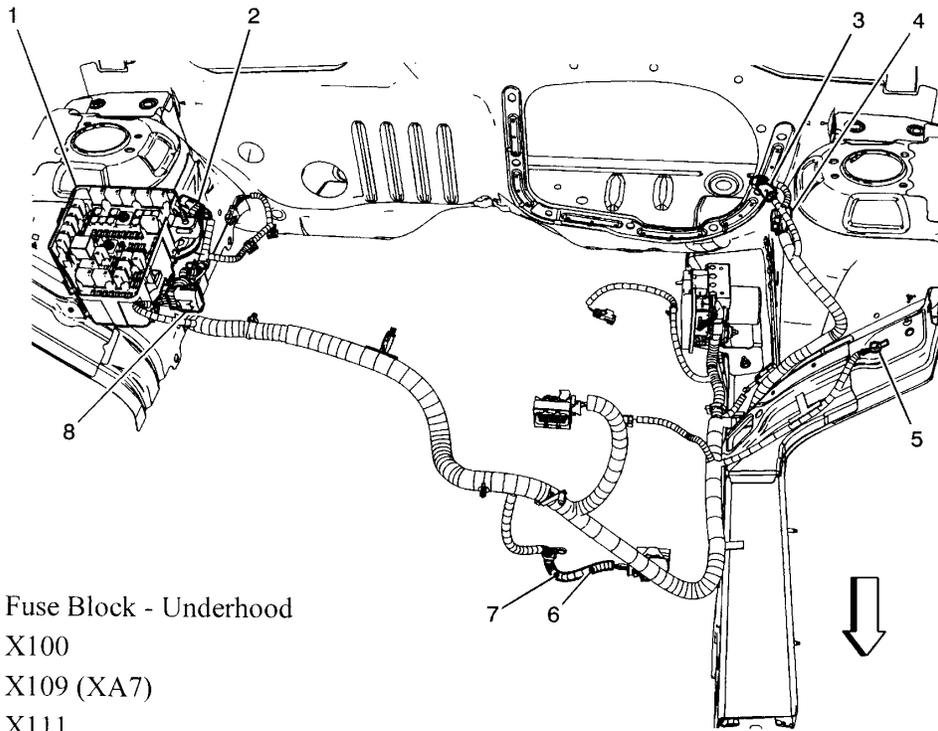
- (1) Front Fascia
- (2) J124 (WDA)
- (3) J104
- (4) X108
- (5) X107
- (6) J119 (WDA)
- (7) J113

G00441429

Fig. 57: Behind Front Fascia
Courtesy of GENERAL MOTORS CORP.

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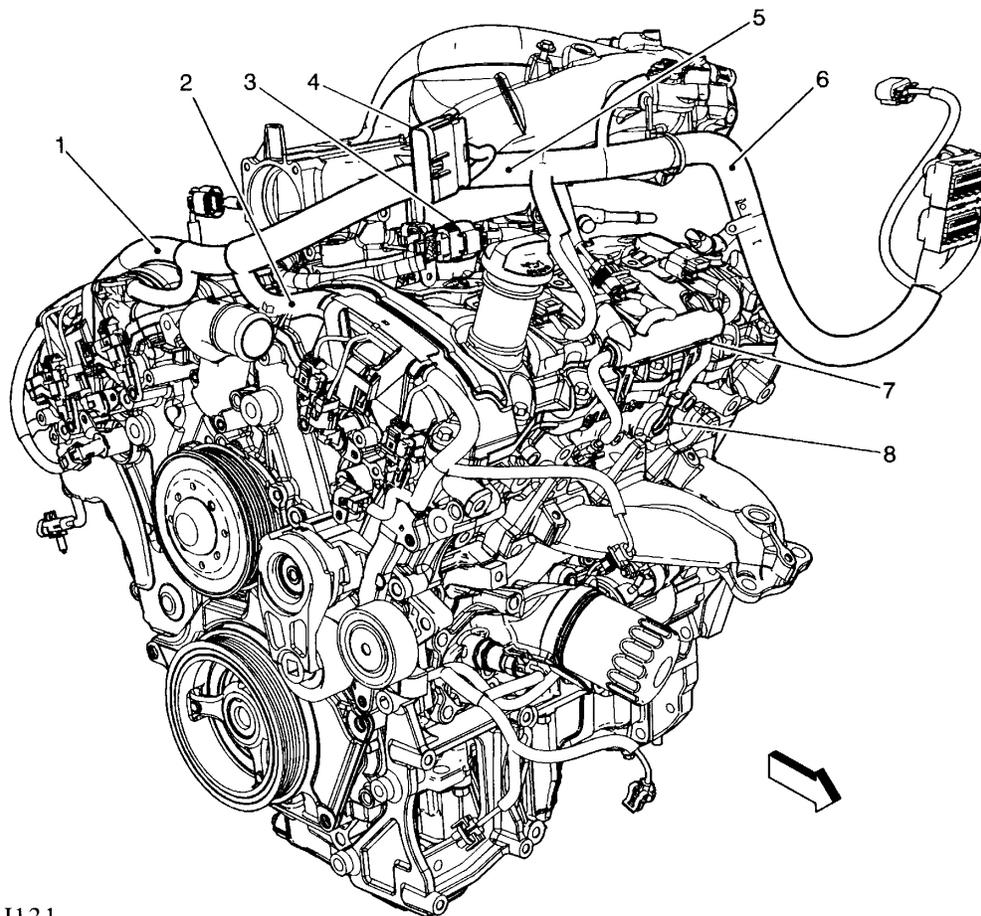
- (1) Fuse Block - Underhood
- (2) X100
- (3) X109 (XA7)
- (4) X111
- (5) G115
- (6) J151
- (7) J153
- (8) X103

G00441430

Fig. 58: Engine Compartment
Courtesy of GENERAL MOTORS CORP.

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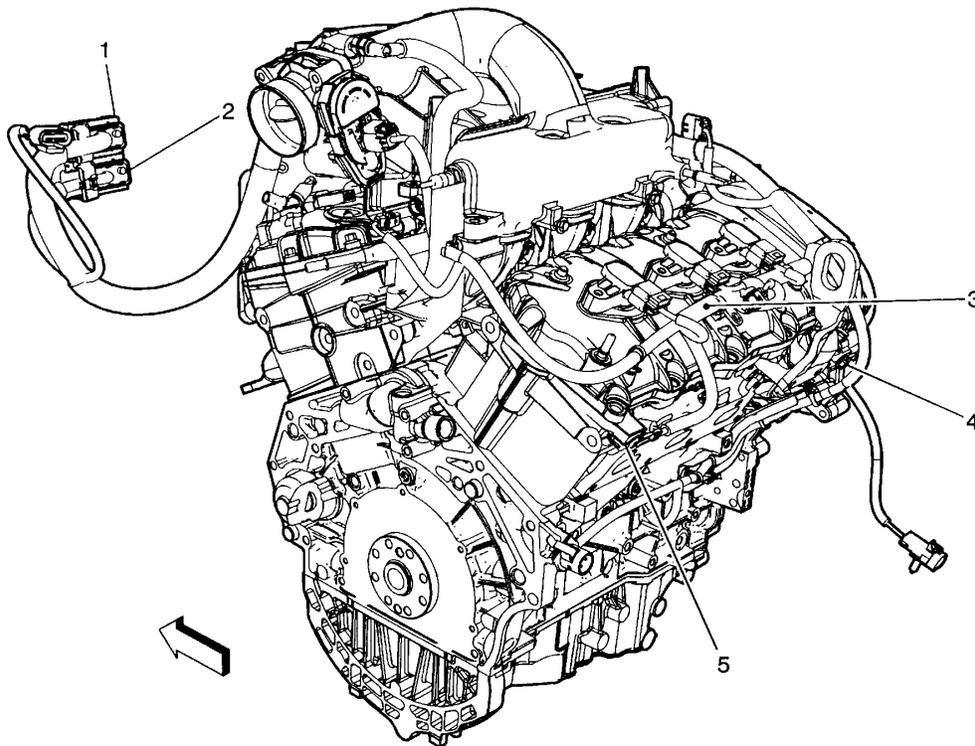
- (1) J131
- (2) J140
- (3) X101
- (4) X103
- (5) J133
- (6) J142
- (7) J146
- (8) G114

G00441431

Fig. 59: Front Of Engine
Courtesy of GENERAL MOTORS CORP.

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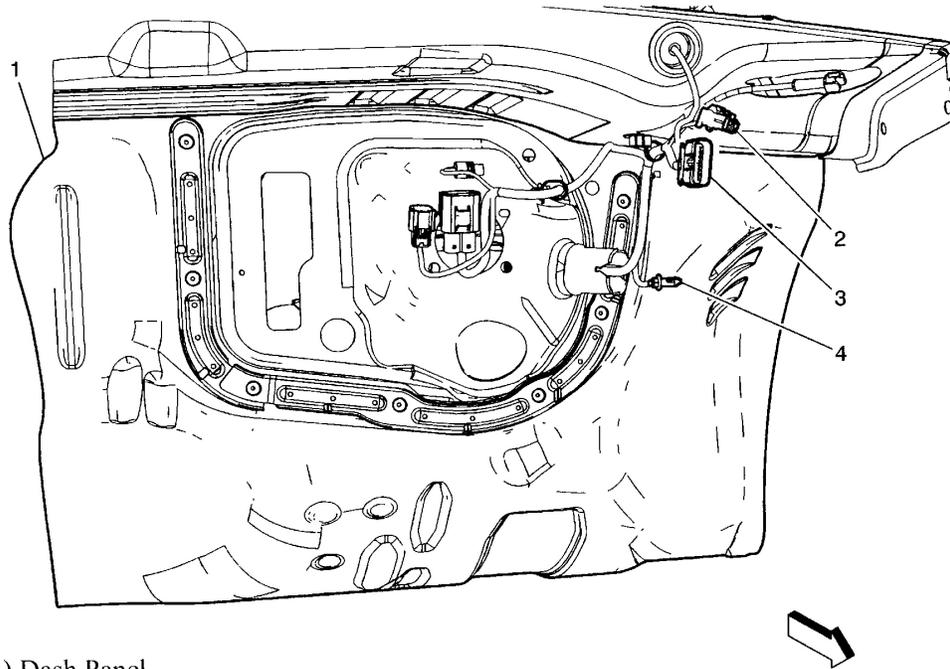
- (1) Engine Control Module (ECM) X2
- (2) Engine Control Module (ECM) X3
- (3) J139
- (4) G110
- (5) G112

G00441432

Fig. 60: Rear Of Engine
Courtesy of GENERAL MOTORS CORP.

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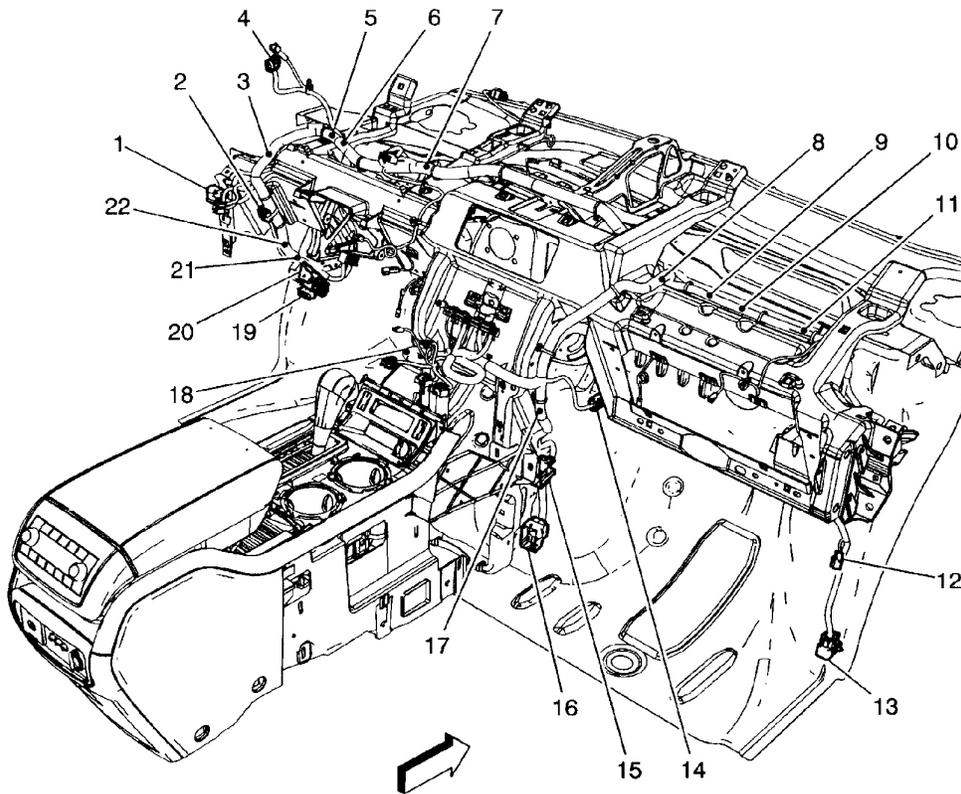
- (1) Dash Panel
- (2) X109
- (3) X111
- (4) G105

G00441433

Fig. 61: Rear Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.

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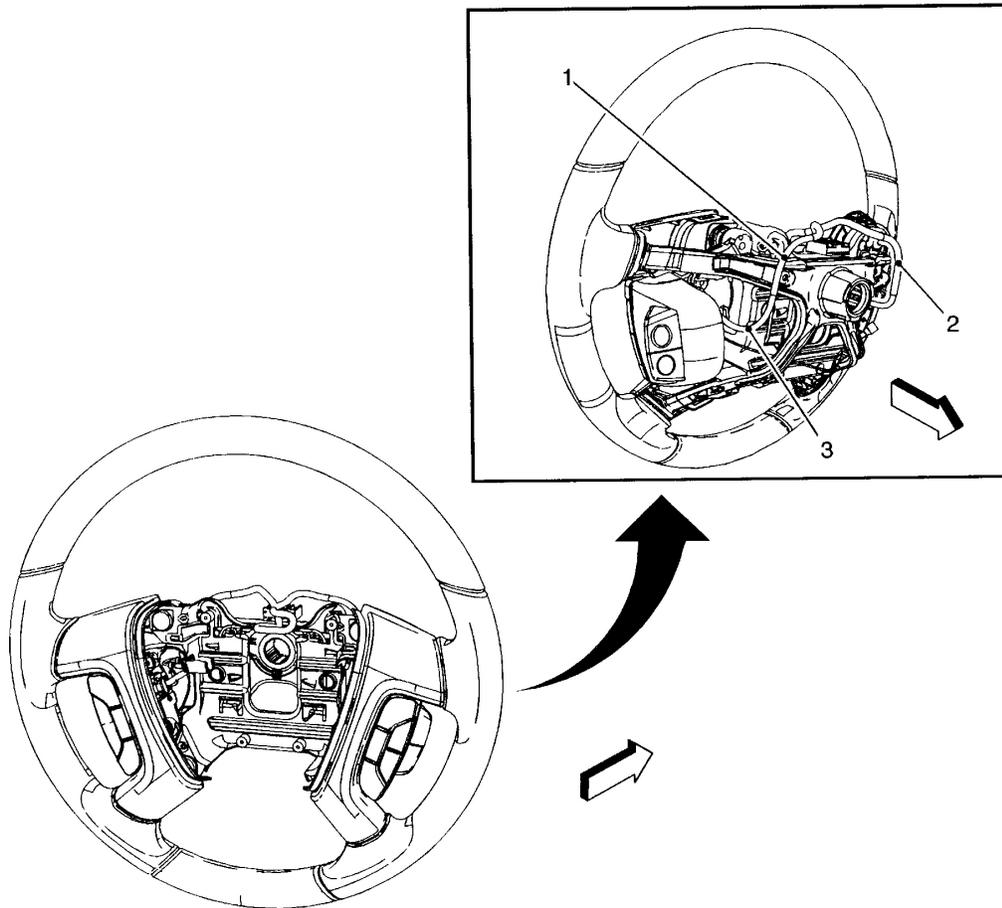
- | | |
|--------------------|--------------------------------|
| (1) X203 | (12) X252 |
| (2) JX205 | (13) X200 |
| (3) J219 (U42/UQG) | (14) X214 |
| (4) X216 (U42) | (15) X240 |
| (5) J217 (MH6) | (16) X202 |
| (6) J215 | (17) J208 |
| (7) J213 | (18) J211 |
| (8) J206 (CJ2) | (19) Data Link Connector (DLC) |
| (9) J202 | (20) X201 |
| (10) J220 | (21) J233 |
| (11) J204 | (22) J231 |

G00441434

Fig. 62: Behind Dash
Courtesy of GENERAL MOTORS CORP.

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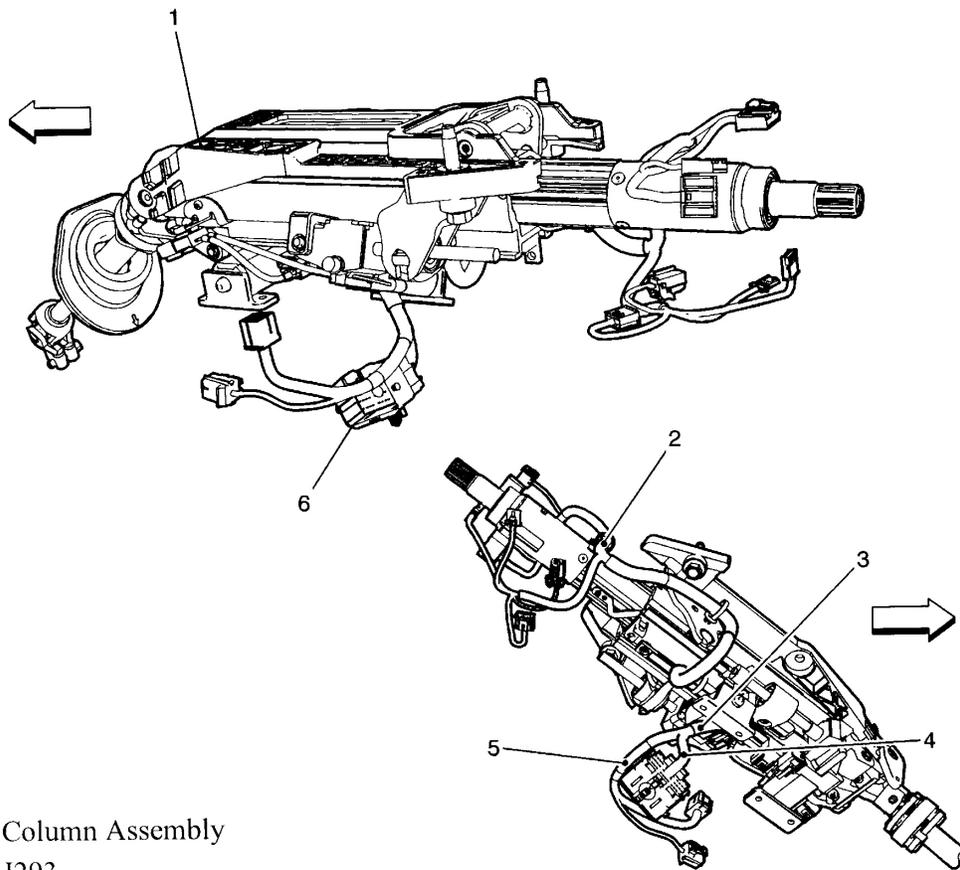
- (1) J297
- (2) J295 (UK3)
- (3) J299 (UK3)

G00441435

Fig. 63: Steering Wheel
Courtesy of GENERAL MOTORS CORP.

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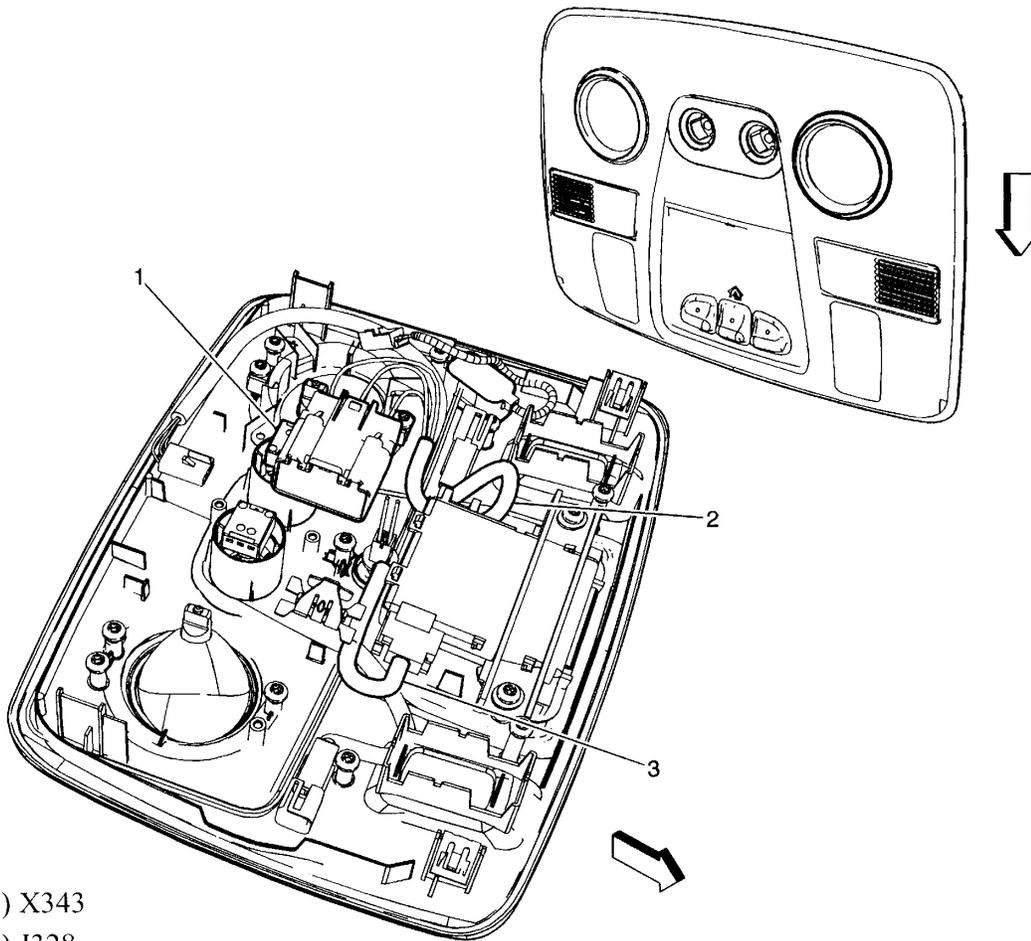
- (1) Column Assembly
- (2) J293
- (3) J271
- (4) J253
- (5) J275 (XA7)
- (6) X201

G00441436

Fig. 64: Steering Column
Courtesy of GENERAL MOTORS CORP.

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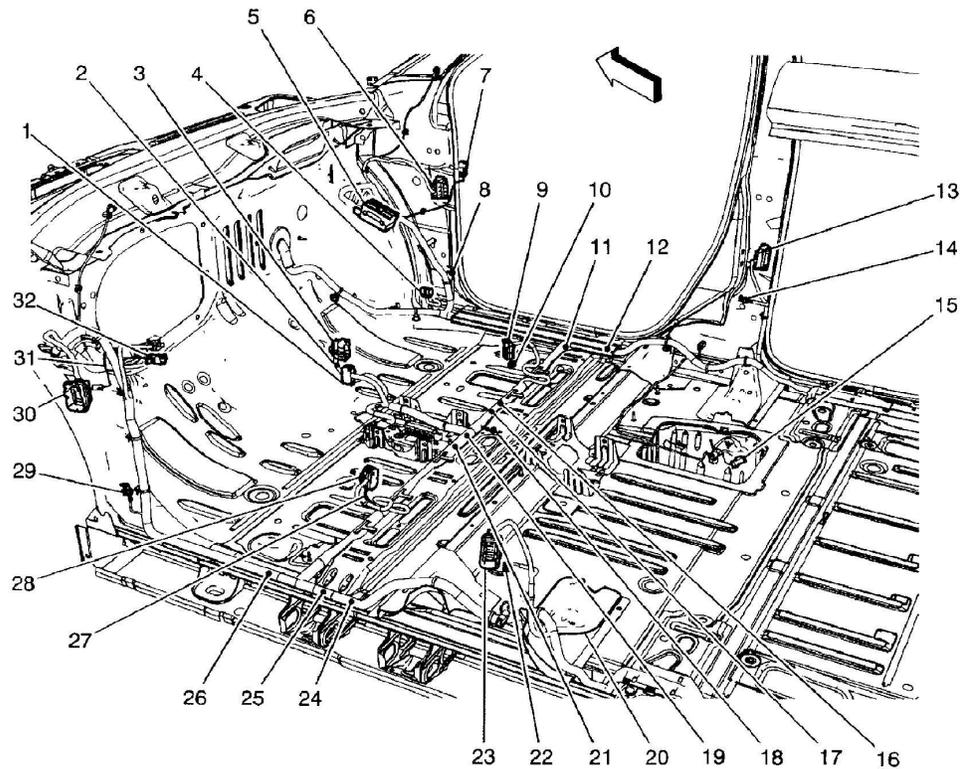
- (1) X343
- (2) J328
- (3) J364 (C3U)

G00441437

Fig. 65: Overhead Console
Courtesy of GENERAL MOTORS CORP.

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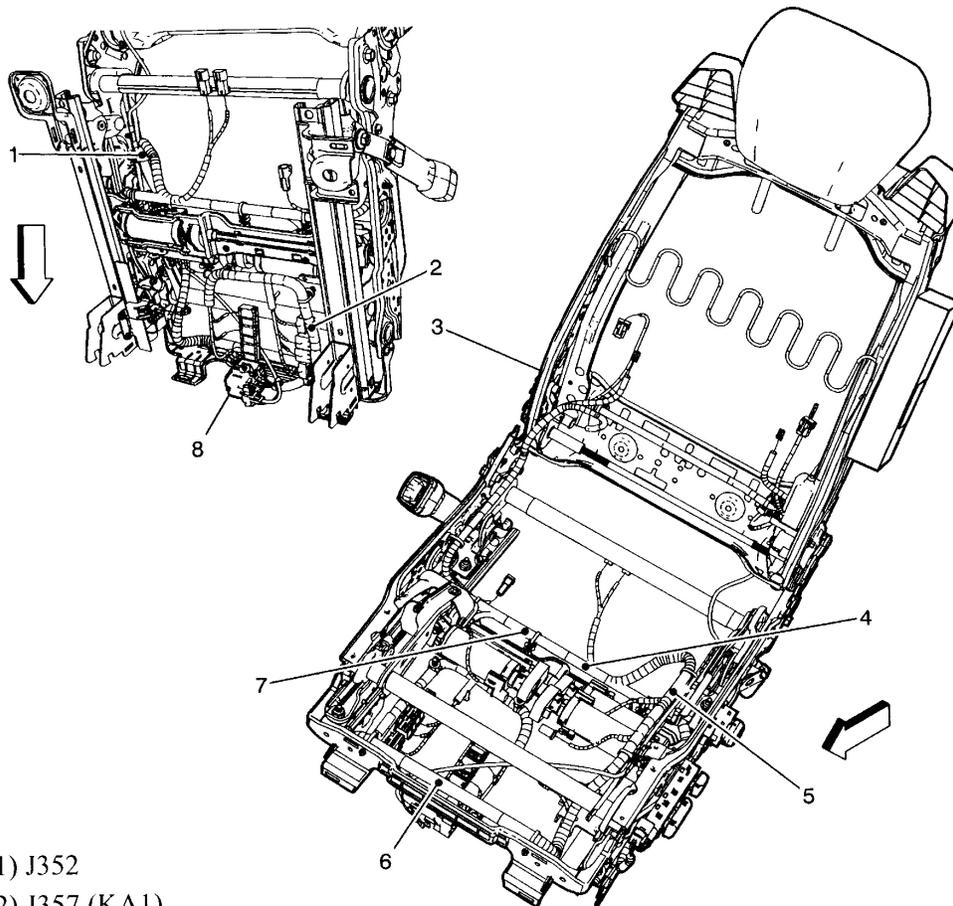
- | | | |
|-------------------------|-----------|-----------------|
| (1) X202 | (12) J304 | (22) G303 |
| (2) J317 | (13) X800 | (23) X700 |
| (3) X340 | (14) G302 | (24) J335 |
| (4) X200 | (15) X124 | (25) J333 |
| (5) Fuse Block - I/P X1 | (16) J322 | (26) J319 |
| (6) X600 | (17) J302 | (27) X359 |
| (7) X254 | (18) G304 | (28) X315 |
| (8) G300 | (19) J311 | (29) G301 |
| (9) X314 | (20) X305 | (30) X500 |
| (10) X360 | (21) J313 | (31) X209 (V92) |
| (11) J308 | | |

G00441438

Fig. 66: Passenger Compartment
Courtesy of GENERAL MOTORS CORP.

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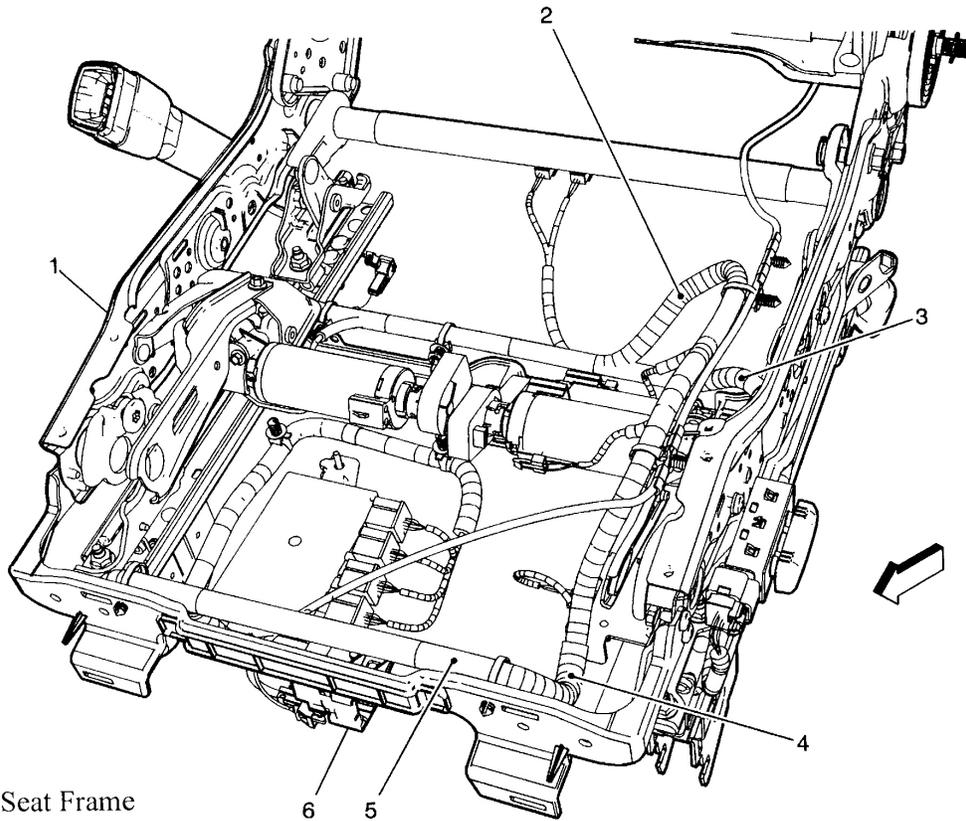
- (1) J352
- (2) J357 (KA1)
- (3) Seat Frame
- (4) J353 (KA1)
- (5) J350
- (6) J351
- (7) J354
- (8) X315

G00441439

Fig. 67: Driver's Seat
Courtesy of GENERAL MOTORS CORP.

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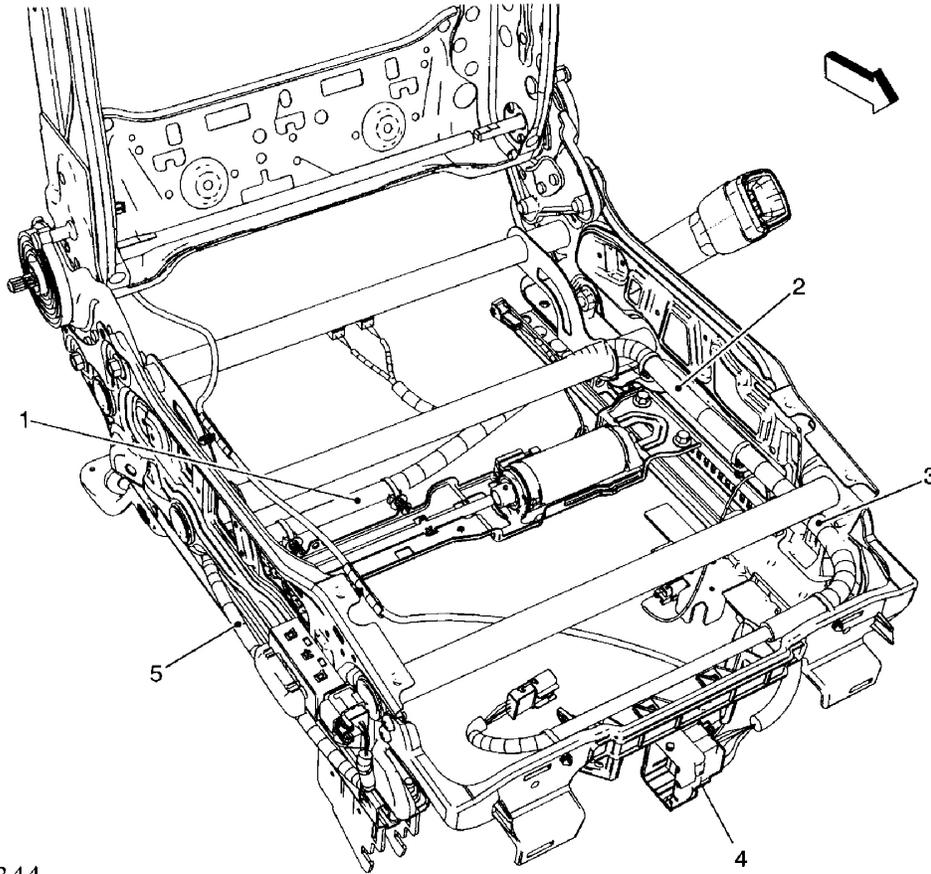
- (1) Seat Frame
- (2) J355 (AH5)
- (3) J357 (KA1)
- (4) J353 (KA1)
- (5) J351
- (6) X315

G00441440

Fig. 68: Under Driver's Seat
Courtesy of GENERAL MOTORS CORP.

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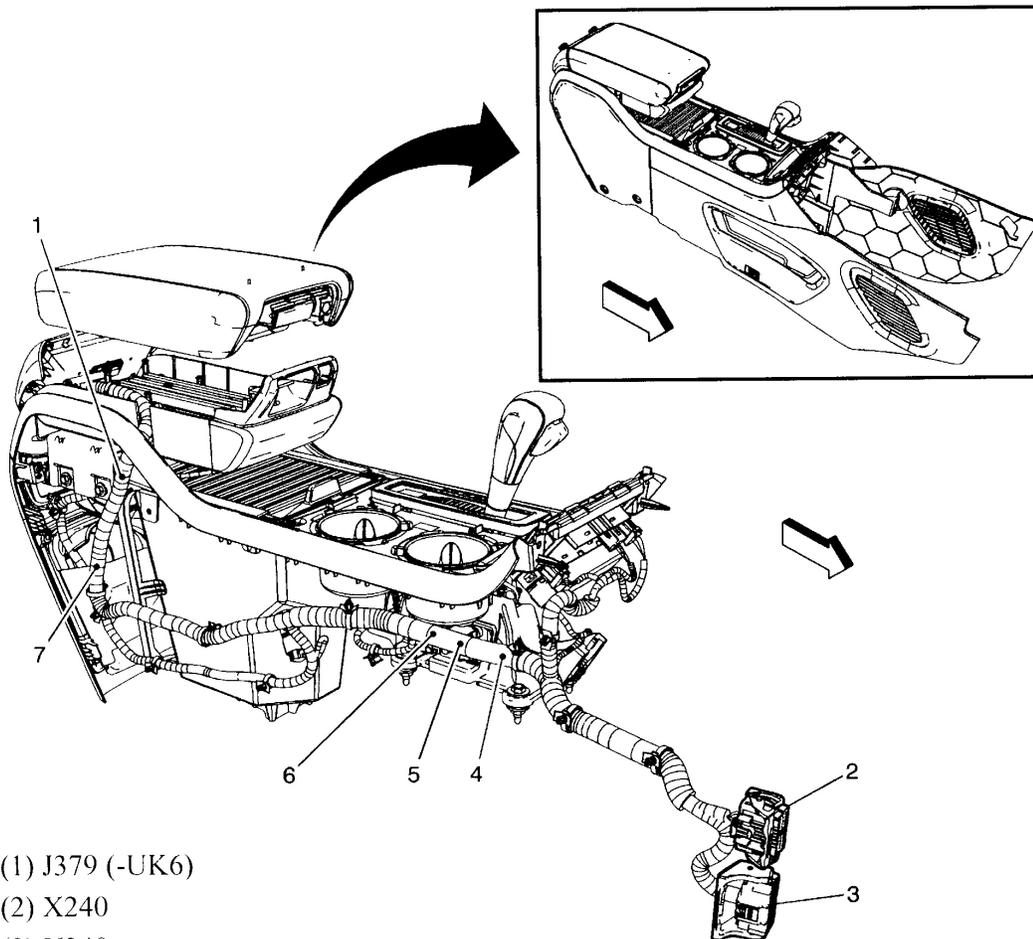
- (1) J344
- (2) J340
- (3) J342
- (4) X314
- (5) J346

G00441441

Fig. 69: Under Front Passenger's Seat
Courtesy of GENERAL MOTORS CORP.

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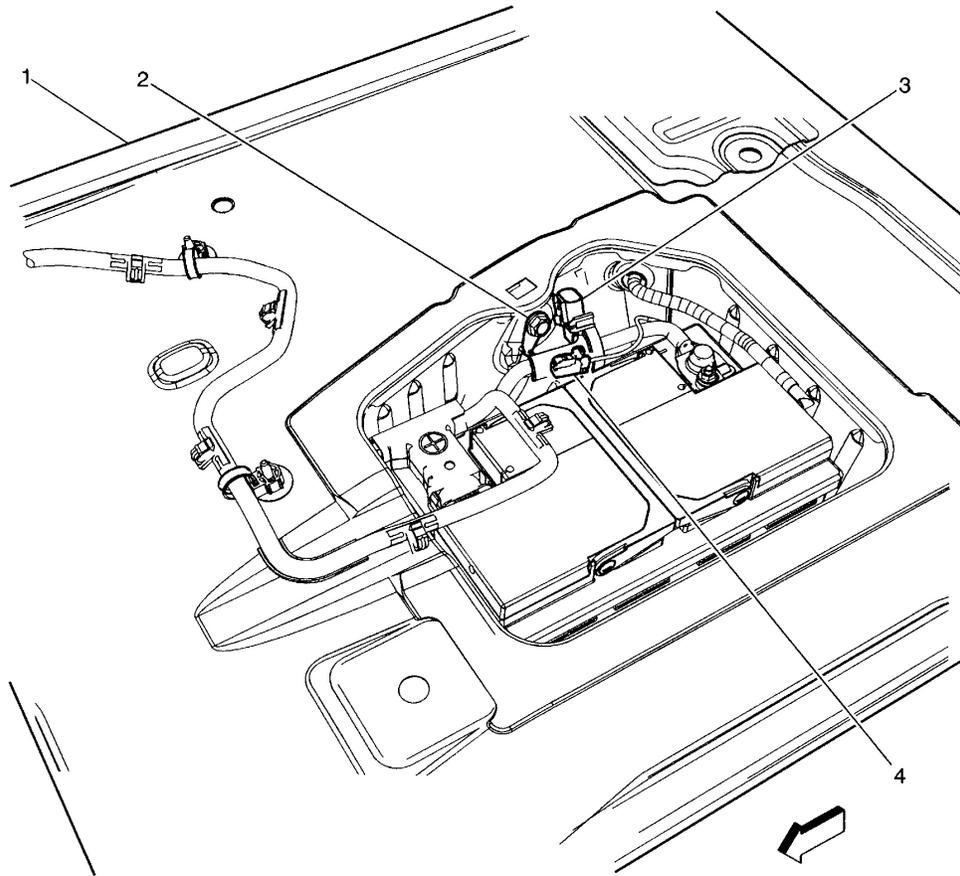
- (1) J379 (-UK6)
- (2) X240
- (3) X340
- (4) J371 (-KA1/UK6)
- (5) J373
- (6) J375
- (7) J377

G00441442

Fig. 70: Floor Console
Courtesy of GENERAL MOTORS CORP.

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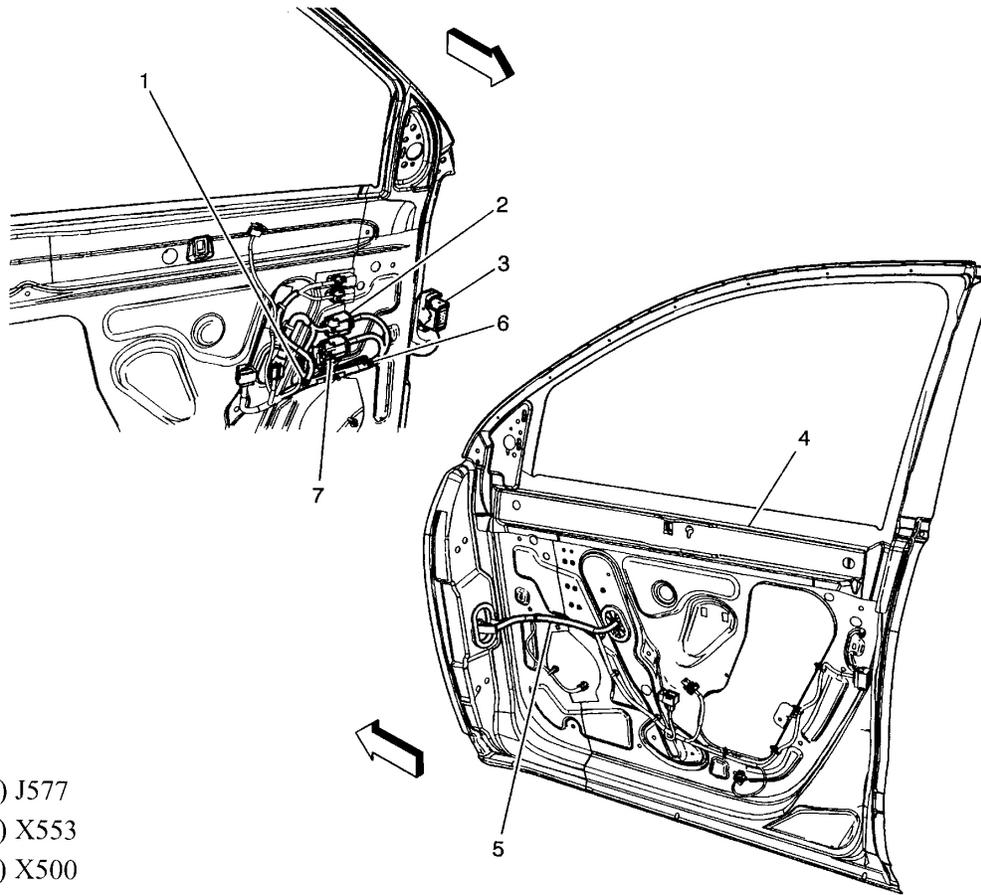
- (1) Floor Panel
- (2) G305
- (3) Battery Current Sensor
- (4) X124

G00441443

Fig. 71: Battery Compartment
Courtesy of GENERAL MOTORS CORP.

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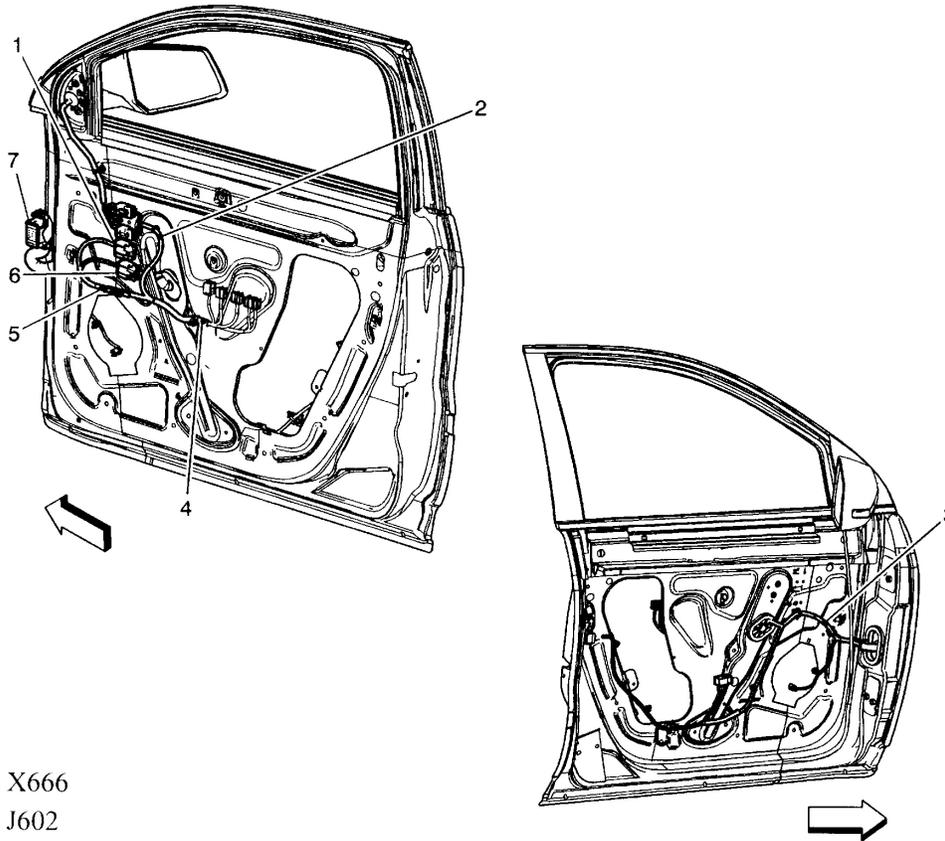
- (1) J577
- (2) X553
- (3) X500
- (4) Door Frame
- (5) J555
- (6) J575
- (7) X555

G00441444

Fig. 72: Driver's Door
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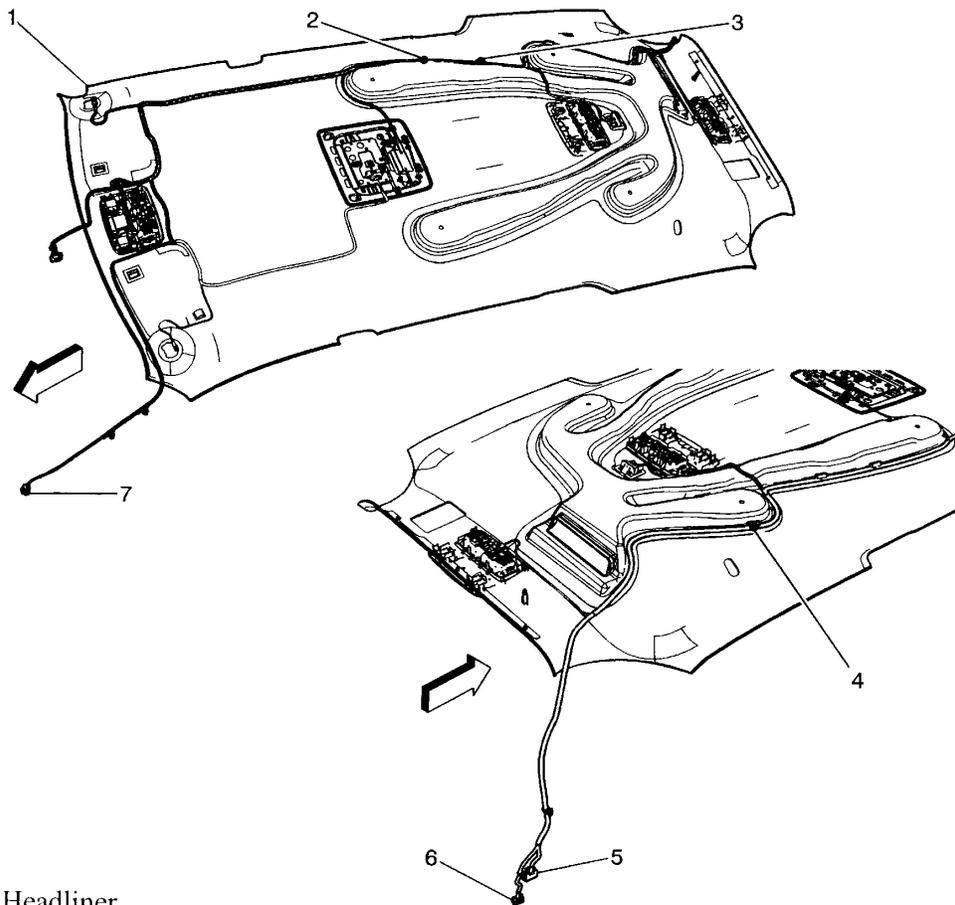
- (1) X666
- (2) J602
- (3) J600
- (4) J666
- (5) J602 (AXA)
- (6) X664
- (7) X600

G00441445

Fig. 73: Front Passenger's Door
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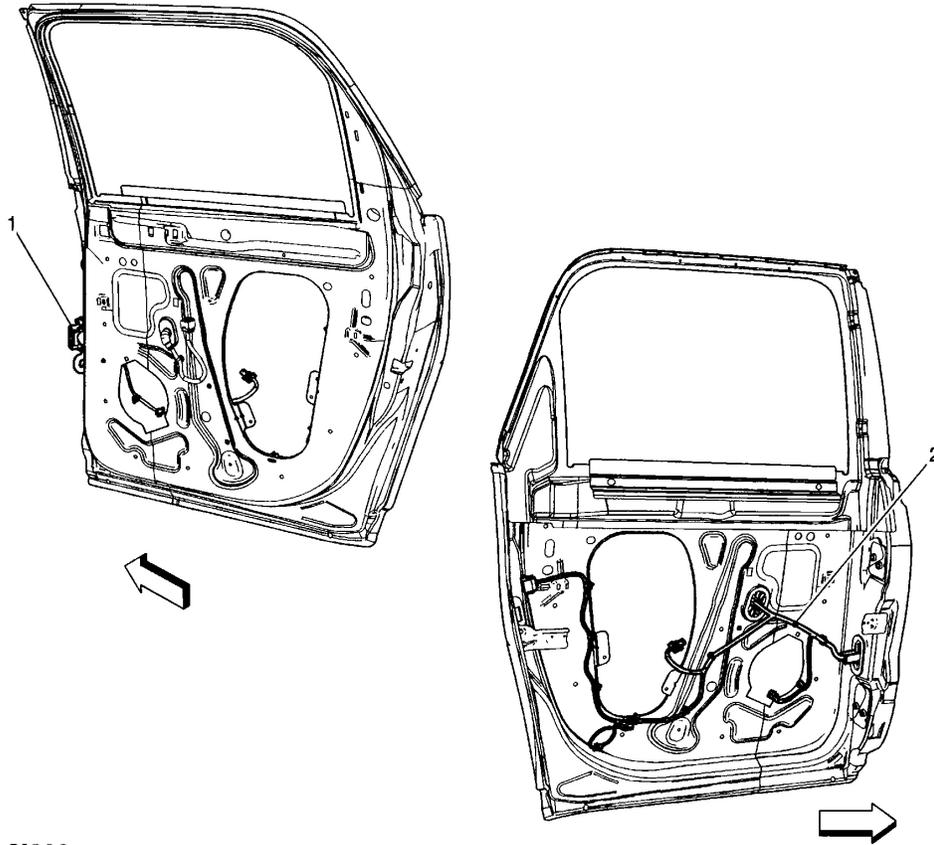
- (1) Headliner
- (2) J326
- (3) J339
- (4) J348
- (5) X320 (DNP/UD7/UE1)
- (6) X322
- (7) X216 (U42)

G00441526

Fig. 74: Headliner
Courtesy of GENERAL MOTORS CORP.

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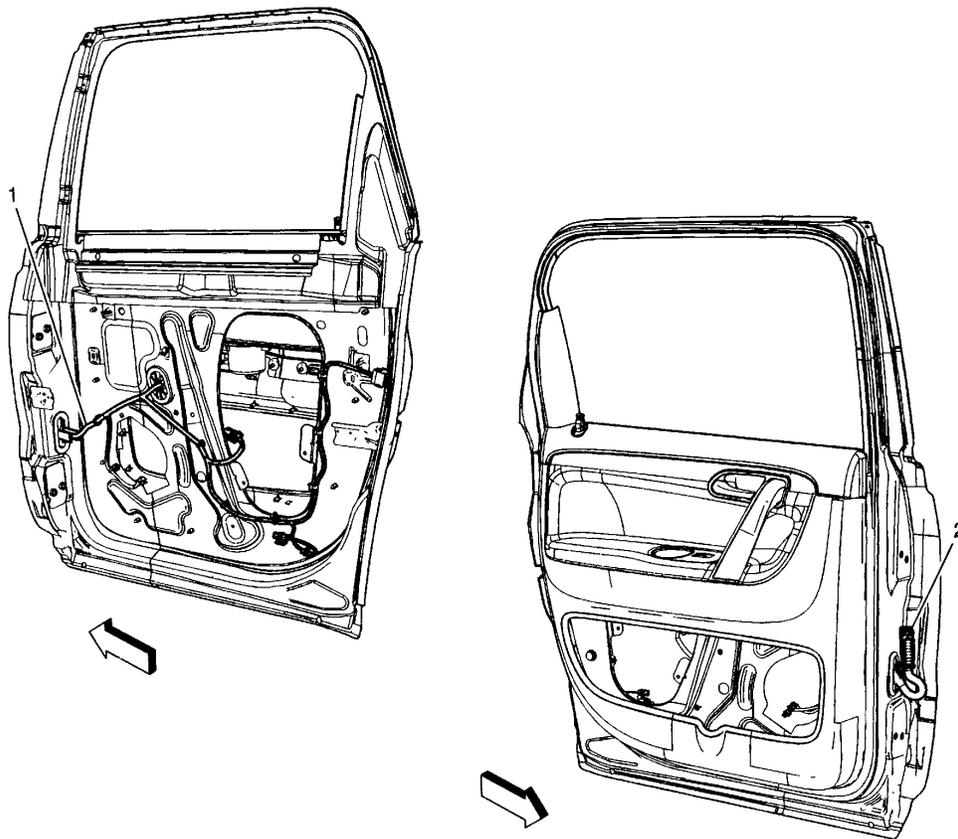
- (1) X800
- (2) J800

G00441527

Fig. 75: Right Rear Door
Courtesy of GENERAL MOTORS CORP.

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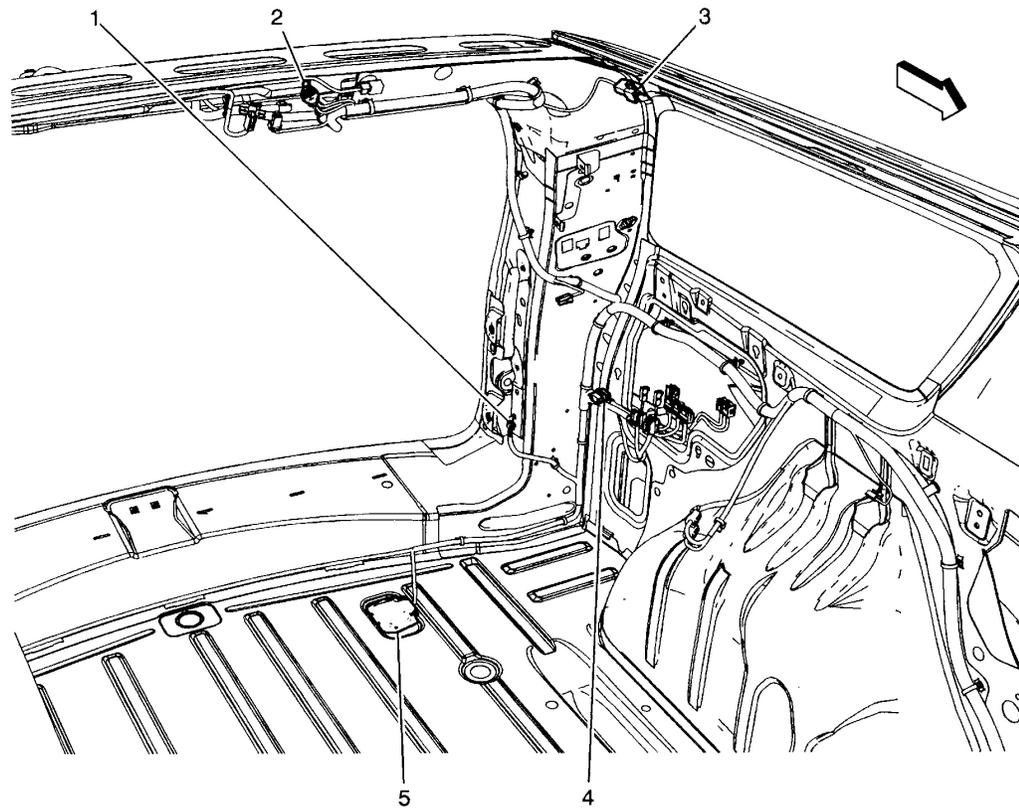
- (1) J711
- (2) X700

G00441528

Fig. 76: Left Rear Door
Courtesy of GENERAL MOTORS CORP.

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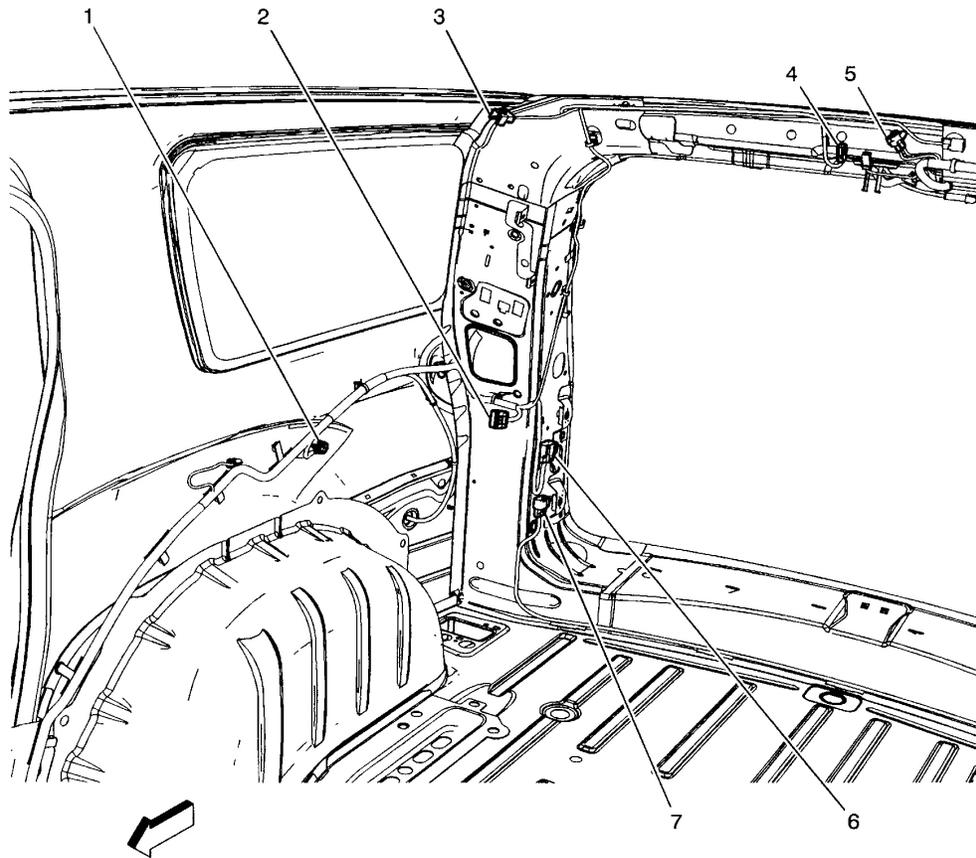
- (1) G401
- (2) Radio Antenna X1
- (3) X357
- (4) JX405
- (5) X405

G00441529

Fig. 77: Left Rear Of Passenger Compartment
Courtesy of GENERAL MOTORS CORP.

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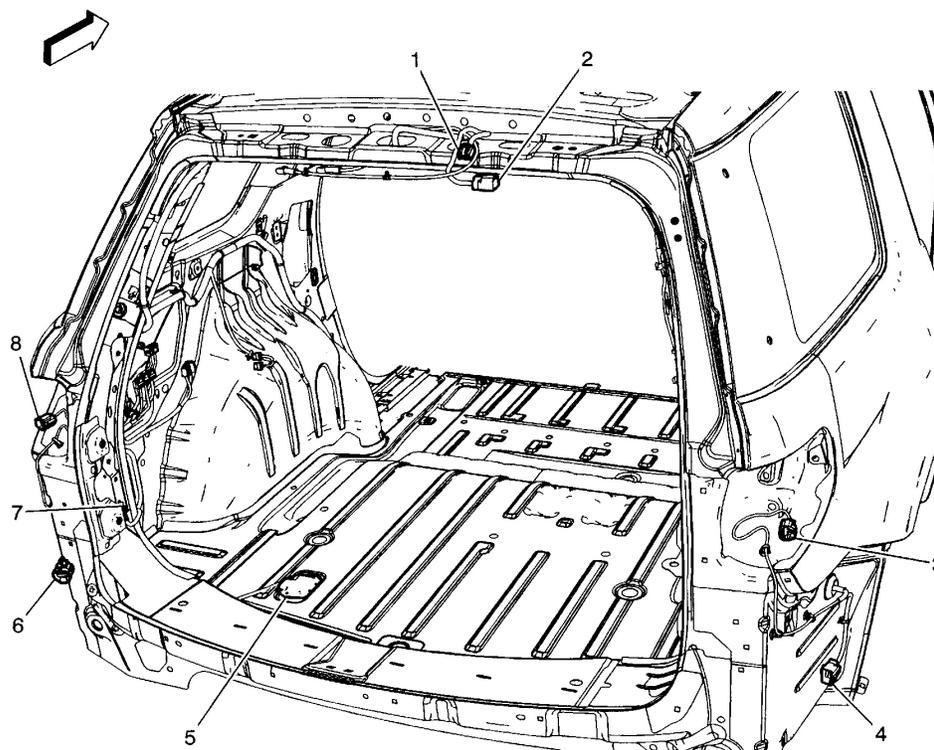
- (1) G402
- (2) X351
- (3) X358
- (4) Radio Antenna X2
- (5) Radio Antenna X1
- (6) X320 (DNP/UD7/UE1)
- (7) X322

G00441530

Fig. 78: Right Rear Of Passenger Compartment
Courtesy of GENERAL MOTORS CORP.

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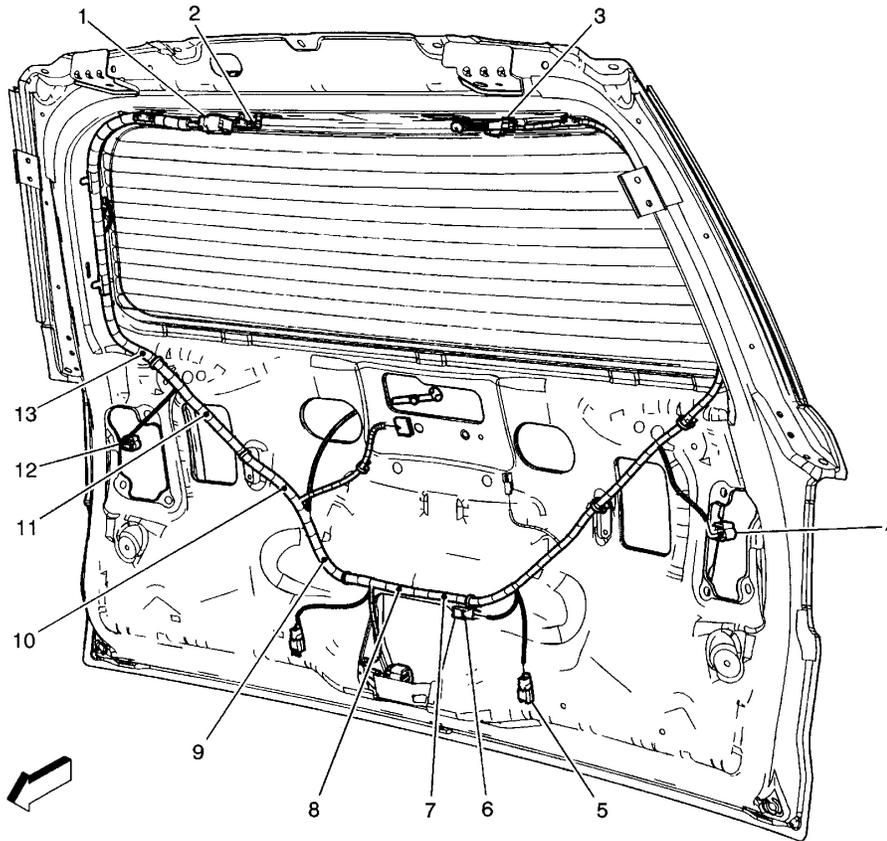
- (1) X901
- (2) X903
- (3) X450
- (4) X442 (V92)
- (5) X405
- (6) X440 (UD7)
- (7) G401
- (8) X451

G00441531

Fig. 79: Rear Of Vehicle
Courtesy of GENERAL MOTORS CORP.

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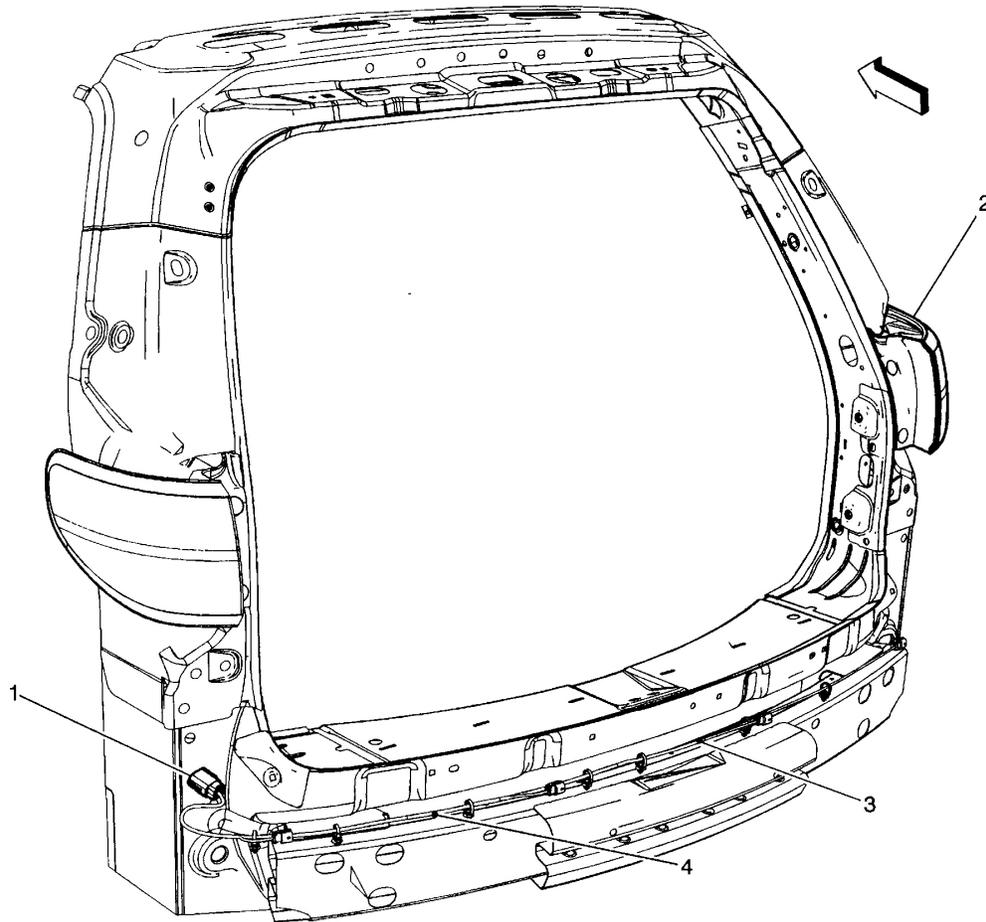
- | | |
|----------------------------------------------|---------------------|
| (1) X903 | (8) J915 |
| (2) X901 | (9) J905 (E61) |
| (3) X911 | (10) J907 (E61) |
| (4) X931 (W49/Z88) | (11) J913 |
| (5) Liftgate Switch Interior (E61) Connector | (12) X920 (W49/Z88) |
| (6) Liftgate Switch Exterior Connector | (13) J903 (WDA) |
| (7) J911 (Z88) | |

G00441532

Fig. 80: Liftgate
Courtesy of GENERAL MOTORS CORP.

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- (1) X440 (UD7)
- (2) Tail Lamp Assembly -- Right
- (3) J444 (UD7)
- (4) J440 (UD7)

G00441533

Fig. 81: Rear Of Vehicle
Courtesy of GENERAL MOTORS CORP.