

2008 Buick LaCrosse CXL

2008 GENERAL MOTORS LaCrosse

2008 GENERAL MOTORS**LaCrosse****BUZZERS, RELAYS & TIMERS****BUZZERS, RELAYS & TIMERS LOCATION**

Component	Location
A/C COMP Relay	In underhood fuse block. See Fig. 55 .
CRANK Relay	In underhood fuse block. See Fig. 55 .
FAN 1 Relay (Except 5.3L)	In underhood fuse block. See Fig. 55 .
FAN 1 Relay (5.3L)	In underhood fuse block. See Fig. 92 .
FAN 2 Relay (Except 5.3L)	In underhood fuse block. See Fig. 55 .
FAN 2 Relay (5.3L)	In underhood fuse block. See Fig. 92 .
FAN 3 Relay (Except 5.3L)	In underhood fuse block. See Fig. 55 .
FAN 3 Relay (5.3L)	In underhood fuse block. See Fig. 92 .
FOG LP Relay (Except 5.3L)	In underhood fuse block. See Fig. 55 .
FOG LPS (PCB) Relay (5.3L)	Integral underhood fuse block.
FUEL PP Relay (Except 5.3L)	In underhood fuse block. See Fig. 55 .
FUEL/PUMP Relay (5.3L)	In underhood fuse block. See Fig. 92 .
HDM BEAM Relay (Except 5.3L)	In underhood fuse block. See Fig. 55 .
HDM Relay (5.3L)	In underhood fuse block. See Fig. 92 .
Heated Seat Relay (Driver's)	Under driver's seat. See Fig. 45 .
Heated Seat Relay (Passenger's)	Under passenger's seat. See Fig. 74 .
HI BEAM Relay (Except 5.3L)	In underhood fuse block. See Fig. 55 .
HIGH BEAM (PCB) Relay (5.3L)	Integral underhood fuse block.
HORN (PCB) Relay (5.3L)	Integral underhood fuse block.
HORN Relay (Except 5.3L)	In underhood fuse block. See Fig. 55 .
IGNITION MAIN (PCB) Relay (5.3L)	Integral underhood fuse block.
IGN 1 Relay	In underhood fuse block. See Fig. 55 .
PRK/LAMP Relay	In I/P fuse block. See Fig. 56 .
P/TRAIN Relay (Except 5.3L)	In underhood fuse block. See Fig. 55 .
PWR/TRN Relay (5.3L)	In underhood fuse block. See Fig. 92 .

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RAP Relay	In I/P fuse block. See Fig. 56.
R/ DEFOG	In I/P fuse block. See Fig. 56.
Secondary Air Injection (AIR) Pump Relay	Near air cleaner duct.
Secondary Air Injection (AIR) Solenoid Relay	Near air cleaner duct.
STRTR Relay	In underhood fuse block. See Fig. 92.
WIPER HI Relay	In underhood fuse relay. See Fig. 55.
WIPER Relay	In underhood fuse block. See Fig. 55.

CIRCUIT PROTECTION DEVICES**CIRCUIT PROTECTION DEVICES LOCATION**

Component	Location
Fuse Block - I/P	Behind right side of dash. See Fig. 37.
Fuse Block - Underhood	Mounted to right strut tower. See Fig. 71.

CONTROL UNITS**CONTROL UNITS LOCATION**

Component	Location
Blower Motor Control Processor	On lower right side of dash. See Fig. 31.
Body Control Module (BCM)	Below left side of dash, left of steering column. See Fig. 6.
Electronic Brake Control Module (EBCM)	Left side of engine compartment, part of brake pressure modulator valve. See Fig. 1.
Electronic Compass Module	Top right side of rear package shelf. See Fig. 7.
Engine Control Module (ECM) (3.6L)	Top of engine. See Fig. 53.
Engine Control Module (ECM) (5.3L) (4)	Left front of engine compartment. See Fig. 86.

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HVAC Control Module	Center of dash. See Fig. 32.
Ignition Coil Module (ICM) (3.8L)	Top left front of engine. See Fig. 26.
Inflatable Restraint Front Passenger Presence System (PPS) Module (2)	Under front passenger's seat. See Fig. 81.
Inflatable Restraint I/P Module	Behind right side of dash. See Fig. 41.
Inflatable Restraint Roof Rail Module - Left	Mounted on left "C" pillar. See Fig. 41.
Inflatable Restraint Roof Rail Module - Right	Mounted on right "C" pillar. See Fig. 41.
Inflatable Restraint Sensing & Diagnostic Module (SDM)	Under right front seat. See Fig. 42.
Inflatable Restraint Steering Wheel Module	In center steering wheel assembly. See Fig. 41.
Powertrain Control Module (PCM)	Left side of engine compartment, near air cleaner assembly.
Radio Antenna Module	Mounted under headliner, on driver side. See Fig. 29.
Rear Parking Assistant (RPA) Module	Center of rear package shelf. See Fig. 7.
Remote Control Door Lock Receiver (RCDLR)	On right side of dash, below defroster panel. See Fig. 7.
Theft Deterrent Exciter Module	Part of ignition key cylinder. See Fig. 47.
Throttle Actuator Control (TAC) Module Connector (3.6L)	At throttle body.
Throttle Actuator Control (TAC) Module (3.8L)	At throttle body. See Fig. 20.
Throttle Actuator Control (TAC) Module (5.3L) (1)	Top rear of engine. See Fig. 87.
Transmission Control Module (TCM) (Except 5.3L)	Inside air cleaner, left front of engine compartment. See Fig. 78.
Transmission Control Module (TCM) (5.3L) (1)	Left front of engine compartment. See Fig. 86.

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Vehicle Communications Interface
Module (VCIM)Behind center of dash. See **Fig. 6.****MOTORS****MOTORS LOCATION**

Component	Location
Air Temperature Actuator	Right side of HVAC assembly. See Fig. 70.
Air Temperature Actuator (Left)	Left side of dash, on HVAC module. See Fig. 31.
Air Temperature Actuator (Right)	Right side of HVAC module. See Fig. 31.
Blower Motor	Behind right side of dash, in HVAC module. See Fig. 31.
Cooling Fan - Left	On left side of radiator. See Fig. 27.
Cooling Fan - Right	On right side of radiator. See Fig. 27.
Door Lock-Driver	In rear side of driver's door. See Fig. 9.
Door Lock-Front Passenger	In rear side of front passenger's door. See Fig. 10.
Door Lock-LR	In rear side of left rear passenger's door. See Fig. 11.
Door Lock-RR	In rear side of right rear passenger's door. See Fig. 12.
Fuel Pump & Sender Assembly	In fuel tank. See Fig. 16.
Ignition Lock Cylinder Control Actuator	In upper steering column. See Fig. 47.
Lumbar Motor (2)	In driver's seat back. See Fig. 67.
Magnasteer® Actuator	On steering rack assembly. See Fig. 48.
Mode Actuator	Lower left side of HVAC assembly. See Fig. 31.
Recirculation Actuator	Near right "A" pillar, on upper HVAC case. See Fig. 31.

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Seat Adjuster Motors Assembly - Driver	Under driver seat. See Fig. 45.
Seat Adjuster Motors Assembly - Passenger	Under front passenger seat. See Fig. 74.
Seat Lumbar Motor - Driver	In rear of driver's seat back. See Fig. 45.
Secondary Air Injection Pump (3.8L)	Near transmission stud, left of starter. See Fig. 24.
Starter (3.6L) (13)	Lower left side of engine. See Fig. 76.
Starter (3.8L)	Lower left rear of engine. See Fig. 24.
Sunroof Motor/Actuator (2)	Front center of sun roof module. See Fig. 39.
Window Motor-Driver	Center of driver's door. See Fig. 9.
Window Motor-Front Passenger	Center of front passenger's door. See Fig. 10.
Window Motor-LR	Center of left rear passenger door. See Fig. 11.
Window Motor (Right Rear) (4)	Center of right rear passenger door. See Fig. 68.
Windshield Washer Pump	On right side of engine compartment, in washer fluid reservoir. See Fig. 49.
Windshield Wiper Motor	On left side of firewall. See Fig. 49.

SENDING UNITS & SENSORS**SENDING UNITS & SENSORS LOCATION**

Component	Location
Accelerator Pedal Position (APP) Sensor (1)	Above accelerator pedal. See Fig. 91.
A/C Refrigerant Pressure Sensor	On left side of engine compartment, on accumulator. See Fig. 30.
Air Temperature Sensor - Inside	Left side of dash, on right of steering column. See Fig. 31.
Air Temperature Sensor - Lower Left	Behind HVAC control module.

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Air Temperature Sensor - Lower Right	Behind HVAC control module.
Air Temperature Sensor - Upper Left	Center of dash, in left ventilation duct. See Fig. 31 .
Air Temperature Sensor - Upper Right	Center of dash, in right ventilation duct. See Fig. 31 .
Ambient Air Temperature Sensor	Near center front of radiator. See Fig. 35 .
Ambient Light Sensor	Top center of dash. See Fig. 32 .
Automatic Transmission Input Shaft Speed (A/T ISS) Sensor Assembly	In transmission assembly. See Fig. 5 .
Battery Current Sensor	Near battery.
Brake Booster Vacuum Sensor (1)	On brake booster. See Fig. 90 .
Brake Pedal Position Sensor (2)	Under left side of dash, on right side of brake pedal. See Fig. 91 .
Brake Pressure Sensor	Mounted on rear side of EBCM. See Fig. 1 .
Camshaft Position (CMP) Sensor - Exhaust Bank 1 (3.6L)	On front of right cylinder head. See Fig. 15 .
Camshaft Position (CMP) Sensor - Exhaust Bank 2 (3.6L)	On front of left cylinder head. See Fig. 15 .
Camshaft Position (CMP) Sensor - Intake Bank 1 (3.6L)	On front of right cylinder head. See Fig. 15 .
Camshaft Position (CMP) Sensor - Intake Bank 2 (3.6L)	On front of left cylinder head. See Fig. 15 .
Camshaft Position (CMP) Sensor (3.8L)	Front of engine. See Fig. 26 .
Crankshaft Position (CKP) Sensor (3.6L)	Right rear of engine block. See Fig. 13 .
Crankshaft Position (CKP) Sensor (3.8L)	Lower left front of engine. See Fig. 26 .
Crankshaft Position (CKP) Sensor (5.3L) (9)	Right rear of engine block. See Fig. 89 .
Engine Coolant Temperature (ECT)	Left side of engine block, above

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Sensor (3.6L)	exhaust manifold. See Fig. 14.
Engine Coolant Temperature (ECT) Sensor (3.8L)	On top right of intake manifold. See Fig. 20.
Engine Coolant Temperature (ECT) Sensor (5.3L) (1)	Left front of engine. See Fig. 85.
Engine Oil Pressure (EOP) Sensor (3.6L)	Left front of engine block. See Fig. 14.
Engine Oil Pressure (EOP) Sensor (3.8L)	Lower right front of engine. See Fig. 25.
Engine Oil Pressure (EOP) Sensor (5.3L) (6)	Top rear of engine. See Fig. 88.
Fuel Level Sensor	In fuel tank.
Fuel Tank Pressure (FTP) Sensor	In fuel tank. See Fig. 16.
Heated Oxygen Sensor (HO2S) 1 (3.6L)	At rear of cylinder head, in exhaust manifold. See Fig. 19.
Heated Oxygen Sensor (HO2S) 1 (3.8L)	Right side of engine. See Fig. 25.
Heated Oxygen Sensor (HO2S) 1 (5.3L) (7)	Right side of engine. See Fig. 89.
Heated Oxygen Sensor (HO2S) 2	In exhaust system, rear of catalytic converter. See Fig. 18.
Inflatable Restraint Front End Sensor - Left	Left front of engine compartment. See Fig. 40.
Inflatable Restraint Front End Sensor - Right	At right front of engine compartment. See Fig. 40.
Inflatable Restraint Front Passenger Presence System (PPS) Sensor	In passenger's seat bottom. See Fig. 74.
Inflatable Restraint Side Impact Sensor-Left	In lower center of driver's door. See Fig. 9.
Inflatable Restraint Side Impact Sensor-Right	In lower center of front passenger's door. See Fig. 10.
Intake Air Temperature (IAT)/Mass Air Flow (MAF) Sensor	At rear of engine, in air cleaner duct. See Fig. 21.

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Knock Sensor (KS) 1 (3.6L)	Right side of engine. See Fig. 13.
Knock Sensor (KS) 1 (3.8L)	Front left side of engine. See Fig. 72.
Knock Sensor (KS) 2 (3.6L)	Left side of engine block, below exhaust manifold. See Fig. 14.
Knock Sensor (KS) 2 (3.6L) (8)	Lower right rear of engine. See Fig. 89.
Knock Sensor (KS) 2 (3.8L)	Right side of engine, below exhaust manifold. See Fig. 25.
Manifold Absolute Pressure (MAP) Sensor (3.6L)	Top rear of engine, near fuel injectors.
Manifold Absolute Pressure (MAP) Sensor (3.8L)	Top right side of intake manifold. See Fig. 20.
Manifold Absolute Pressure (MAP) Sensor (5.3L) (6)	Top left rear of engine. See Fig. 85.
Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor (3.6L)	In air intake tube. See Fig. 17.
Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor (5.3L) (2)	In air intake tube. See Fig. 87.
Object Sensor - LR Corner	Left side of rear bumper. See Fig. 36.
Object Sensor - LR Middle	Middle of bumper. See Fig. 36.
Object Sensor - RR Corner	Right side of rear bumper. See Fig. 36.
Object Sensor - RR Middle	Middle of rear bumper. See Fig. 36.
Steering Angle Sensor (1)	At base of steering column. See Fig. 3.
Sunload Sensor Assembly	Top center of dash. See Fig. 32.
Tire Pressure Monitor Sensor	In respective tire at valve stem. See Fig. 77.
Transmission Fluid Temperature (TFT) Sensor	In transmission assembly. See Fig. 5.
Vehicle Speed Sensor (VSS) Assembly	Right side of transmission, near right axle shaft. See Fig. 5.
Wheel Speed Sensor (WSS)-LF	On left front wheel hub assembly. See Fig. 2.
	On left rear wheel hub assembly. See

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Wheel Speed Sensor (WSS)-LR	Fig. 2.
Wheel Speed Sensor (WSS)-RF	On right front wheel hub assembly. See Fig. 2.
Wheel Speed Sensor (WSS)-RR	On right rear wheel hub assembly. See Fig. 2.
Yaw & Lateral Acceleration Sensor	Under the rear side of center console. See Fig. 4.

SOLENOIDS & SOLENOID VALVES**SOLENOIDS & SOLENOID VALVES LOCATION**

Component	Location
A/C Compressor Clutch	Part of A/C compressor. See Fig. 30.
A/T Shift Lock Control Solenoid (1)	In center console. See Fig. 46.
Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 1	On front of right cylinder head. See Fig. 15.
Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 2	On front of left cylinder head. See Fig. 15.
Camshaft Position (CMP) Actuator Solenoid - Intake Bank 1	On front of right cylinder head. See Fig. 15.
Camshaft Position (CMP) Actuator Solenoid - Intake Bank 2	On front of left cylinder head. See Fig. 15.
Evaporative Emission (EVAP) Canister Purge Solenoid Valve (3.6L)	Top center of engine. See Fig. 13.
Evaporative Emission (EVAP) Canister Purge Solenoid Valve (3.8L)	Top rear of engine. See Fig. 25.
Evaporative Emission (EVAP) Canister Purge Solenoid Valve (5.3L) (3)	Top right rear of engine. See Fig. 88.
Evaporative Emissions (EVAP) Canister Vent Solenoid Valve	Behind left side of rear fascia splash shield, behind wheelwell. See Fig. 16.
Exhaust Gas Recirculation (EGR) Valve (3.8L)	Top right rear of engine, near throttle body. See Fig. 23.
Fuel Injector 1 (3.6L)	Right top of engine. See Fig. 73.

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Fuel Injector 1 (3.8L)	Left top of engine. See Fig. 20.
Fuel Injector 1 (5.3L) (13)	Right top of engine. See Fig. 88.
Fuel Injector 2 (3.6L)	Left top of engine. See Fig. 73.
Fuel Injector 2 (3.8L)	Right top of engine. See Fig. 22.
Fuel Injector 2 (5.3L) (15)	Right top of engine. See Fig. 88.
Fuel Injector 3 (3.6L)	Right top center of engine. See Fig. 73.
Fuel Injector 3 (3.8L)	Left top center of engine. See Fig. 20.
Fuel Injector 3 (5.3L) (11)	Left top of engine. See Fig. 88.
Fuel Injector 4 (3.6L)	Left top center of engine. See Fig. 73.
Fuel Injector 4 (3.8L)	Right top center of engine. See Fig. 22.
Fuel Injector 4 (5.3L) (17)	Right top of engine. See Fig. 88.
Fuel Injector 5 (3.6L)	Right top rear of engine. See Fig. 73.
Fuel Injector 5 (3.8L)	Left top rear of engine. See Fig. 20.
Fuel Injector 5 (5.3L) (9)	Left top of engine. See Fig. 88.
Fuel Injector 6 (3.6L)	Left top rear of engine. See Fig. 73.
Fuel Injector 6 (3.8L)	Right top rear of engine. See Fig. 22.
Fuel Injector 6 (5.3L) (19)	Right top of engine. See Fig. 88.
Fuel Injector 7 (5.3L) (7)	Top left side of engine. See Fig. 88.
Fuel Injector 8 (5.3L) (2)	Right top of engine. See Fig. 88.
Pressure Control (PC) Solenoid Valve Assembly	In transmission assembly. See Fig. 5.
Secondary Air Injection (AIR) Control Solenoid Valve/Pressure Sensor, Bank 2 (3.8L)	Top of engine, above valve cover. See Fig. 75.
Starter Solenoid (3.6L) (12)	On starter. See Fig. 76.
Starter Solenoid (3.8L)	On starter. See Fig. 72.
Torque Converter Clutch Pulse Width Modulation (TCC PWM) Solenoid Valve Assembly	In transmission assembly. See Fig. 5.
Valve Lifter Oil Manifold (VLOM) Assembly (11)	Top rear of engine. See Fig. 89.
1-2, 3-4 Shift Solenoid (SS) Valve	In transmission assembly. See Fig. 5.

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Assembly	
2-3 Shift Solenoid (SS) Valve Assembly	In transmission assembly. See Fig. 5 .

SWITCHES**SWITCHES LOCATION**

Component	Location
Brake Fluid Level Switch	Center of brake fluid reservoir. See Fig. 1 .
Engine Oil Level Switch (3.8L)	Lower front center of engine oil pan. See Fig. 72 .
Engine Oil Level Switch (5.3L) (10)	Lower front center of engine oil pan. See Fig. 89 .
Hood Ajar Switch	Front of engine compartment. See Fig. 40 .
Ignition Switch	Right side of steering column. See Fig. 47 .
Lever Assembly-Manual Shaft Detent With Shift Position Switch-Internal Mode Switch (IMS)	In transmission assembly. See Fig. 5 .
Park Brake Switch	On park brake assembly. See Fig. 34 .
Seat Belt Switch - LF	In seat belt buckle. See Fig. 43 .
Seat Belt Switch - RF	In seat belt buckle. See Fig. 44 .
Transmission Fluid Pressure (TFP) Manual Valve Position Switch Assembly	In automatic transmission assembly. See Fig. 5 .
Windshield Washer Fluid Level Switch	Right side of engine compartment, in washer fluid reservoir. See Fig. 49 .

MISCELLANEOUS**MISCELLANEOUS LOCATION**

Component	Location

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Audio Amplifier	Center of rear compartment. See Fig. 7.
Battery	Right front of engine compartment. See Fig. 71.
Cellular Antenna	Front center of roof.
Data Link Connector	Under left side of dash. See Fig. 8.
Digital Radio Antenna	Center rear of roof. See Fig. 29.
Digital Radio Receiver	Left side of trunk. See Fig. 28.
Generator (3.6L)	Top of engine.
Generator (3.8L)	At right rear of engine. See Fig. 22.
Heated Seat Element - Driver Back	In driver's seat back. See Fig. 45.
Heated Seat Element - Driver Cushion	In driver's seat cushion. See Fig. 45.
Heated Seat Element - Passenger Back	In passenger's seat back. See Fig. 74.
Heated Seat Element - Passenger Cushion	In passenger's seat cushion. See Fig. 74.
Horn Assembly	Right front of vehicle. See Fig. 33.
Ignition Coil 1 (3.6L)	On right valve cover. See Fig. 13.
Ignition Coil 1 (5.3L) (2)	On left valve cover. See Fig. 85.
Ignition Coil 2 (3.6L)	On left valve cover. See Fig. 14.
Ignition Coil 2 (5.3L) (16)	On right valve cover. See Fig. 88.
Ignition Coil 3 (3.6L)	On right valve cover. See Fig. 13.
Ignition Coil 3 (5.3L) (3)	On left valve cover. See Fig. 85.
Ignition Coil 4 (3.6L)	On left valve cover. See Fig. 14.
Ignition Coil 4 (5.3L) (18)	On right valve cover. See Fig. 88.
Ignition Coil 5 (3.6L)	On right valve cover. See Fig. 13.
Ignition Coil 5 (5.3L) (4)	On left valve cover. See Fig. 85.
Ignition Coil 6 (3.6L)	On left valve cover. See Fig. 14.
Ignition Coil 6 (5.3L) 20)	On right valve cover. See Fig. 88.
Ignition Coil 7 (5.3L) (5)	On left valve cover. See Fig. 85.
Ignition Coil 8 (5.3L) (1)	On right valve cover. See Fig. 88.
Inflatable Restraint Seat Belt Pretensioner - Left	In bottom of driver's seat. See Fig. 43.

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Inflatable Restraint Seat Belt Pretensioner - Right	In bottom of front passenger's seat. See Fig. 44.
Inflatable Restraint Steering Wheel Module Coil	In steering column.
Navigation Antenna	Bottom center of rear package shelf. See Fig. 7.
Radio Rear Window Antenna	Center rear of roof. See Fig. 29.
Rear Compartment Lid Latch	In rear compartment lid.
Rear Parking Assist (RPA) Diagnostic Connector	Left side of trunk. See Fig. 38.
Seat Belt Pretensioner (Left) (1)	Under driver's seat. See Fig. 67.

CONNECTORS**CONNECTORS LOCATION**

Component	Location
X100 (3.6L) (Black, 20 Pin) (14)	On top of transmission. See Fig. 60.
X100 (3.8L) (Black, 20 Pin) (9)	At rear of engine. See Fig. 61.
X101 (3.6L) (Gray, 20 Pin) (8)	Left rear of engine compartment. See Fig. 60.
X101 (3.8L) (Gray, 20 Pin) (1)	Right rear of engine compartment. See Fig. 61.
X102 (3.6L) (Black, 6 Pin)	Left side of engine compartment, on front of strut tower.
X102 (3.8L) (Black, 4 Pin)	Left side of engine compartment.
X102 (5.3L) (Gray, 4 Pin)	Left side of engine compartment, on front of strut tower.
X104 (Black, 2 Pin) (20)	Below underhood fuse block, near battery. See Fig. 60.
X107 (3.6L) (Black, 7 Pin) (5)	Near ECM. See Fig. 57.
X107 (5.3L) (Light Gray, 8 Pin)	Top of left valve cover.
X108 (Black, 1 Pin)	Near underhood fuse block.
X109 (Black, 10 Pin) (6)	On on-engine wiring harness to fuel

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	injector wiring harness. See Fig. 76.
X110 (Black, 8 Pin) (2)	On top of engine, near ignition control module, above fuel injector No. 1. See Fig. 60.
X111 (Black, 4 Pin)	Near variable effort steering actuator.
X112 (Light Gray, 8 Pin)	Top of right valve cover.
X120 (Except 5.3L) (Black, 6 Pin) (14)	Lower right side of engine compartment below washer fluid tank fill neck. See Fig. 59.
X120 (5.3L) (Black, 8 Pin) (14)	Lower right side of engine compartment below washer fluid tank fill neck. See Fig. 59.
X125 (Black, 1 Pin)	Under vehicle speed sensor (VSS).
X126 (Gray, 2 Pin) (4)	Top of engine. See Fig. 60.
X141 (Gray, 6 Pin) (4)	Behind left headlight. See Fig. 59.
X142 (Gray, 6 Pin) (10)	Behind right headlight. See Fig. 59.
X143 (Black, 4 Pin) (5)	Behind left park/turn signal. See Fig. 59.
X144 (Black, 4 Pin) (11)	Behind right park/turn signal. See Fig. 59.
X145 (Black, 2 Pin) (3)	Behind left headlight. See Fig. 59.
X146 (Black, 2 Pin) (12)	Behind right headlight. See Fig. 59.
X200 (White, 20 Pin) (18)	Near access panel. See Fig. 79.
X201 (Black, 40 Pin) (2)	Behind left knee bolster, on right side of steering column. See Fig. 3.
X208 (Black, 10 Pin) (5)	In back of left side dash access panel. See Fig. 79.
X210 (W/Electronic Controls) (Black, 12 Pin)	Behind radio.
X240 (Black, 2 Pin) (2)	Under front end of console. See Fig. 62.
X241 (Black, 8 Pin) (2)	Under floor console in front of shifter. See Fig. 79.

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X260 (Gray, 40 Pin) (7)	Center of left front door jamb. See Fig. 64.
X261 (Gray, 40 Pin) (4)	Center of right front door jamb. See Fig. 65.
X278 (Yellow, 4 Pin) (19)	Behind right kick panel. See Fig. 79.
X311 (Black, 12 Pin) (12)	Below driver seat, at rear near carpet. See Fig. 79.
X312 (Black, 4 Pin)	Below driver seat, at rear near carpet.
X313 (Black, 16 Pin) (1)	Below front passenger seat. See Fig. 81.
X315 (Yellow, 2 Pin) (4)	Under passenger seat, at rear near carpet. See Fig. 81.
X316 (Yellow, 2 Pin) (9)	Under driver seat, at rear near carpet. See Fig. 67.
X317 (Black, 2 Pin) (4)	Left front of roof. See Fig. 63.
X318 (Black, 2 Pin) (7)	Right front of roof. See Fig. 63.
X355 (Black, 9 Pin) (6)	Behind trim at center of "B" pillar. See Fig. 66.
X356 (Black, 9 Pin) (3)	Behind trim at center of "B" pillar. See Fig. 68.
X390 (Black, 16 Pin) (3)	In rear compartment, under right side of rear window panel. See Fig. 80.
X398 (Black, 6 Pin) (1)	Under headliner, near right visor. See Fig. 39.
X400 (Black, 8 Pin) (12)	In rear compartment, under right side of package shelf. See Fig. 80.
X401 (Black, 4 Pin) (7)	Behind left rear lamp housing. See Fig. 80.
X402 (Black, 4 Pin) (1)	Behind right rear lamp housing. See Fig. 80.
X405 (Black, 8 Pin) (11)	In rear compartment floor, forward of spare tire well. See Fig. 80.
X406 (Black, 2 Pin) (7)	Behind left rear taillight. See Fig. 69.

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X450 (Black, 8 Pin) (2)	Behind right rear taillight. See Fig. 80.
X501 (Gray, 40 Pin) (6)	In driver's door. See Fig. 64.
X601 (Gray, 40 Pin) (5)	In front passenger's door. See Fig. 65.

GROUND S**GROUND S LOCATION**

Component	Location
G100	In back of right headlight on frame. See Fig. 50.
G101	Left side of front end upper tie bar, in back of headlight. See Fig. 82.
G102 (3.6L)	Below right front strut tower. See Fig. 51.
G102 (3.8L)	Near battery. See Fig. 52.
G103	Redundant ground from ECM to even bank cylinder head. See Fig. 53.
G111 (3.6L)	Lower left front of engine, on transmission stud, near starter. See Fig. 51.
G111 (3.8L)	Lower left side of engine. See Fig. 52.
G112	In right side of engine, on ignition control module bracket. See Fig. 54.
G113	Lower left front of engine, on transmission stud, near starter.
G115 (3.6L) (6)	Mounted to bank No. 1 cylinder head above exhaust manifold. See Fig. 57.
G115 (3.8L)	On transmission stud, to right of starter. See Fig. 52.
G130 (9)	On cylinder head, front of engine. See Fig. 57.
G131 (10)	On cylinder head. See Fig. 76.
G200	Behind left side of dash knee bolster, at base of steering column. See Fig. 8.

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G201	Below dash, bolted to dash carrier. See Fig. 83.
G202	Left side of dash, at base of steering column. See Fig. 8.
G301	Inside left door sill, forward of left front seat. See Fig. 58.
G302	In right door sill, forward of right front seat. See Fig. 84.

SPLICES**SPLICES LOCATION**

Component	Location
JX205	Clipped to knee bolster panel, right of data link connector.
JX407 (14)	In body wiring harness, under passenger seat, at rear carpet. See Fig. 79.
J101 (7)	In engine wiring harness, in left front of engine compartment, 5 cm from breakout to PCM, towards G113. See Fig. 60.
J102 (5)	In engine wiring harness. Top of engine, 5 cm from breakout to throttle actuator control (TAC) module, towards PCM. See Fig. 60.
J103 (7)	In pre-engine wiring harness, near ignition coils. See Fig. 76.
J104	In fuel injector wiring harness.
J106	In pre-engine wiring harness, 5 cm from ignition coil No. 1, towards ignition coil 3.
J107	In off-engine wiring harness, 6 cm from breakout to brake fluid pressure

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	sensor, towards brake fluid pressure sensor.
J108 (3)	In fuel injector wiring harness. See Fig. 57.
J109 (3)	In engine wiring harness, on top of engine, 8 cm from breakout to fuel injector 3, towards fuel injector 5. See Fig. 60.
J110 (4)	In pre-engine wiring harness, 5.5 cm from breakout to engine control module. See Fig. 76.
J111	In right front fascia jumper wiring harness, 5 cm from breakout to right park/turn signal lamp.
J112 (2)	In forward lamp harness, 19 cm from left front headlight assembly. See Fig. 59.
J113 (10)	In left front fascia jumper wiring harness, 5 cm from breakout to left park/turn signal lamp, toward left front fog lamp. See Fig. 61.
J114 (16)	In engine wiring harness, 20 cm from G115. See Fig. 60.
J115	In automatic transmission wiring harness, inside transmission housing, 19 cm from inline connector X113.
J116	In off-engine wiring harness, 39.5 cm from underhood fuse block, towards transmission control module.
J118	In off-engine wiring harness, 32 cm from underhood fuse block, towards transmission control module.
J119 (5)	In on-engine wiring harness, 34.5 cm from engine control module. See Fig.

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	76.
J120 (3)	In on-engine wiring harness, 39.5 cm from engine control module. See Fig. 76.
J121 (2)	In pre-engine wiring harness, 9 cm from camshaft position sensor bank No. 1 intake. See Fig. 76.
J124 (13)	In forward lamp wiring harness, behind right headlight, 5 cm from breakout to X142, towards horn assembly. See Fig. 59.
J126	In right headlight wiring harness.
J127	In left headlight wiring harness.
J130 (8)	In on-engine wiring harness, 15.25 cm from G130. See Fig. 57.
J131 (7)	In on-engine wiring harness, 30.5 cm from G130. See Fig. 57.
J132	In on-engine wiring harness, 19 cm from G130.
J133 (9)	In on-engine wiring harness, 30.5 cm from G131. See Fig. 76.
J144	In ignition control module wiring harness, on top of engine near ignition control module, 12 cm from inline connector X110 breakout, towards ICM.
J145	In ignition control module wiring harness, on top of engine near ignition control module, 5.5cm from inline connector X110 breakout, towards ICM
J200	In steering column wiring harness, near ignition switch.
	In I/P wiring harness, behind right side

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J201	of dash, 4 cm from breakout to RCDLR, towards ambient light sensor.
J203	In I/P harness, below center of dash, 4 cm from second breakout from DLC connector, towards brake pedal position sensor.
J204	In I/P wiring harness, left side of dash, 21 cm from lamp assembly switch, towards engine compartment pass-through.
J211	In I/P wiring harness, below center of dash, 10 cm from breakout to data link connector, towards brake pedal position sensor.
J213	In I/P wiring harness, below center of dash, 5 cm from breakout to data link connector, towards brake pedal position sensor.
J214	In steering column wiring harness.
J215	In steering column wiring harness.
J216	In I/P wiring harness, inside passenger compartment, 14 cm from pass-through to brake fluid level switch.
J231	In front floor console wiring harness, 13 cm from breakout to traction control switch, towards inline connector X240.
J238	In front floor console wiring harness, 5 cm from breakout to traction control switch, towards inline connector X240.
J303 (7)	In body wiring harness, below left side of driver seat, 19 cm from breakout to G301, towards inline connector X355. See Fig. 79.

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J304	In left front door trim harness, 5 cm from breakout to driver door lock switch, towards driver window switch.
J305	In left front door wiring harness, 8.5 cm from breakout to driver window motor, towards inline connector X303.
J307	In body wiring harness, 14.5 cm from breakout to G301 towards X301.
J314	In body wiring harness, below right side of front passenger seat, 29 cm from second breakout to inline connector X311, towards inflatable restraint sensing & diagnostic module.
J315	In body wiring harness, below right front passenger seat, 26 cm from second breakout to G301, towards inflatable restraint sensing & diagnostic module.
J317	In body wiring harness, 7 cm from breakout to audio amplifier, towards inline connector X390.
J318	In body wiring harness, 31.5 cm from breakout to audio amplifier, towards inline connector X390.
J330 (3)	In driver seat wiring harness, below driver seat, 4.5 cm from breakout to seat belt switch, towards driver seat adjuster switch. See Fig. 67 .
J331 (6)	In driver seat wiring harness, below driver seat, 4.5 cm from breakout to driver seat lumbar switch, toward inline connector X311. See Fig. 67 .
	In front passenger seat wiring harness, below front passenger seat, 7 cm from

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J333 (3)	breakout to right front seat belt pretensioner, towards front passenger heated seat relay. See Fig. 81.
J350 (10)	In body wiring harness, below left side of driver seat, 26 cm from breakout to G301, towards inline connector X355. See Fig. 79.
J360 (4)	In body wiring harness, below center of rear window panel, 90 cm from breakout to rear compartment courtesy lamp. See Fig. 80.
J361 (5)	In body wiring harness, below center of rear window panel, 45 cm from breakout to rear compartment courtesy lamp. See Fig. 80.
J374	In front floor console wiring harness, 10 cm from breakout to head up display (HUD) switch, towards inline connector X240.
J390	In roof wiring harness, near center of windshield header, 20 cm from right courtesy/reading lamp breakout, towards inside rearview mirror.
J393 (10)	In roof wiring harness, near center of windshield header, 10 cm from right courtesy/reading lamp breakout, towards inside rearview mirror. See Fig. 63.
J394 (9)	In headliner wiring harness, 20 cm from right courtesy/reading lamps. See Fig. 63.
J395	In sunroof wiring harness, 7.5 cm from sunroof motor.
	In roof wiring harness, near center of

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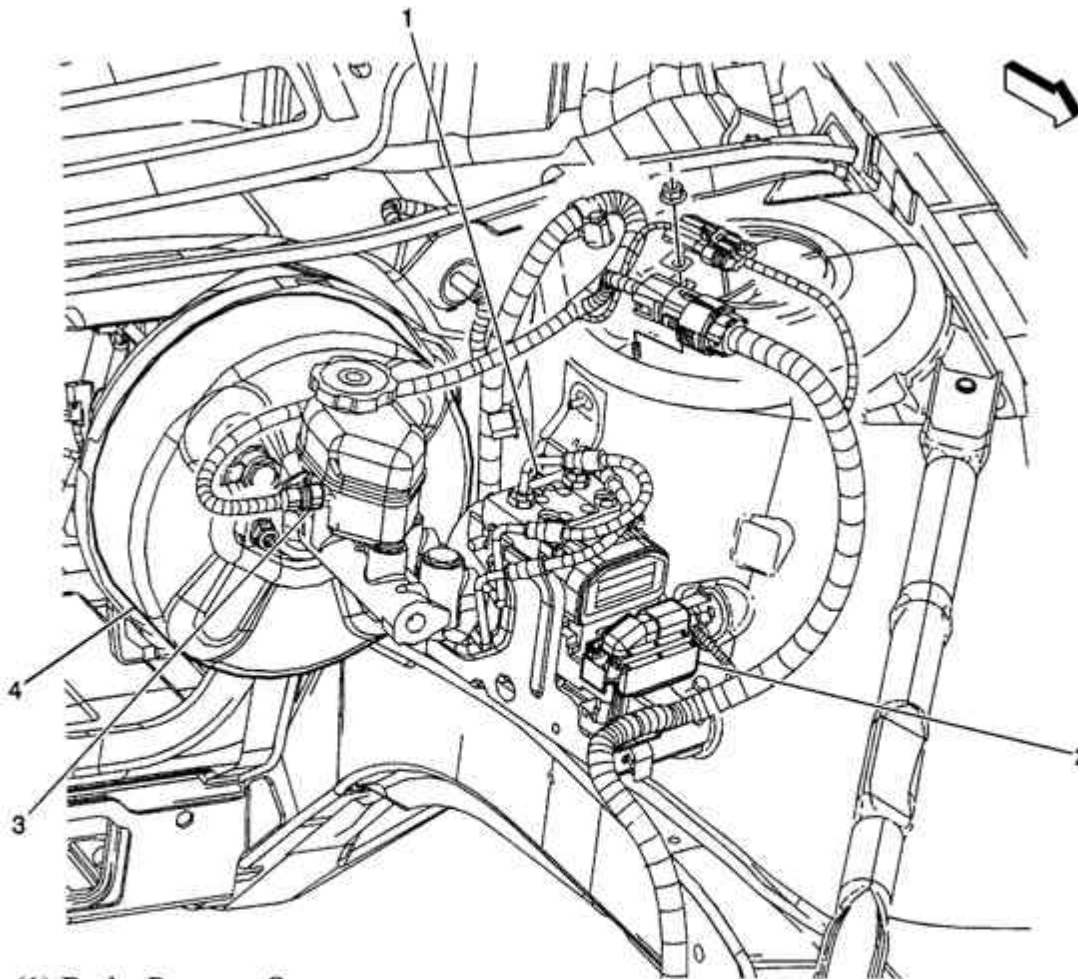
J398 (11)	windshield header, 7.5 cm from right courtesy/reading lamp breakout, towards inline connector X390. See Fig. 63.
J406 (23)	In body wiring harness, below center of rear window panel, 9 cm from breakout to inline connector X356, towards G302. See Fig. 79.
J416	In rear compartment lid wiring harness, 13 cm from breakout to X404, towards rear compartment lid ajar switch.
J450 (3)	In RPA wiring harness, 7 cm from breakout for right object alarm sensor. See Fig. 69.
J451	In RPA wiring harness, 7 cm from breakout for right object alarm sensor.
J500 (8)	In left front door wiring harness, 8.5 cm from breakout to window motor. See Fig. 64.
J501 (5)	In left front door trim harness, 5 cm from breakout to door lock switch. See Fig. 64.
J502 (4)	In left front door trim harness, 5 cm from breakout to door lock switch. See Fig. 64.
J604 (3)	In right front door wiring harness, 25.5 cm from breakout to inline connector X304, towards front passenger window motor. See Fig. 65.
J605 (6)	In right front door trim wiring harness, 5 cm from breakout to front passenger door lock switch, towards inline connector X304. See Fig. 65.

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J900	In left taillight wiring harness.
J901	In right taillight wiring harness.
J902	In left taillight wiring harness.
J903	In right taillight wiring harness.

COMPONENT LOCATION GRAPHICS

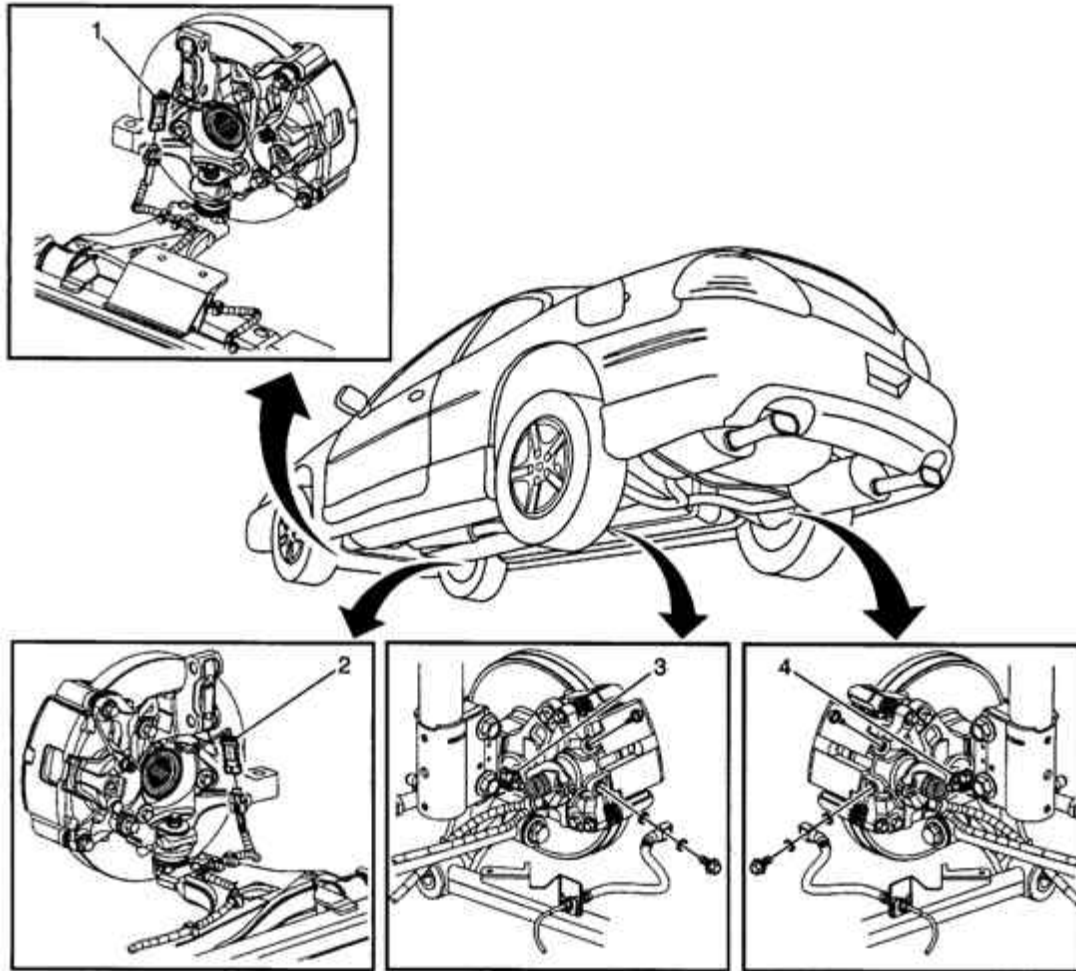
NOTE: Figures may show multiple component locations. Refer to appropriate table for proper figure references.



- (1) Brake Pressure Sensor
- (2) Electronic Brake Control Module (EBCM)
- (3) Brake Fluid Level Switch
- (4) Power Brake Booster

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Fig. 1: Left Rear Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.



- (1) Wheel Speed Sensor (WSS) - LF
- (2) Wheel Speed Sensor (WSS) - RF
- (3) Wheel Speed Sensor (WSS) - LR
- (4) Wheel Speed Sensor (WSS) - RR

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Fig. 2: Vehicle Overview
Courtesy of GENERAL MOTORS CORP.

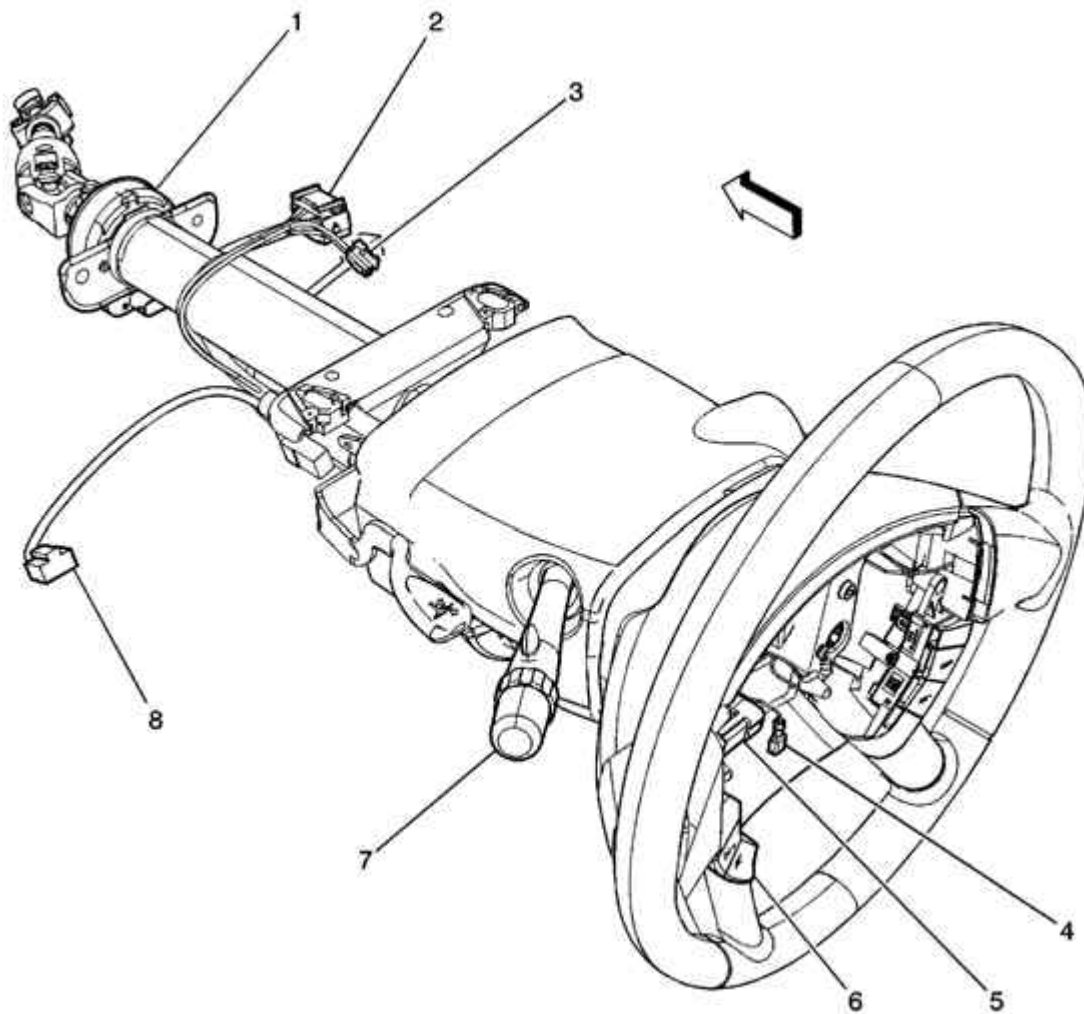
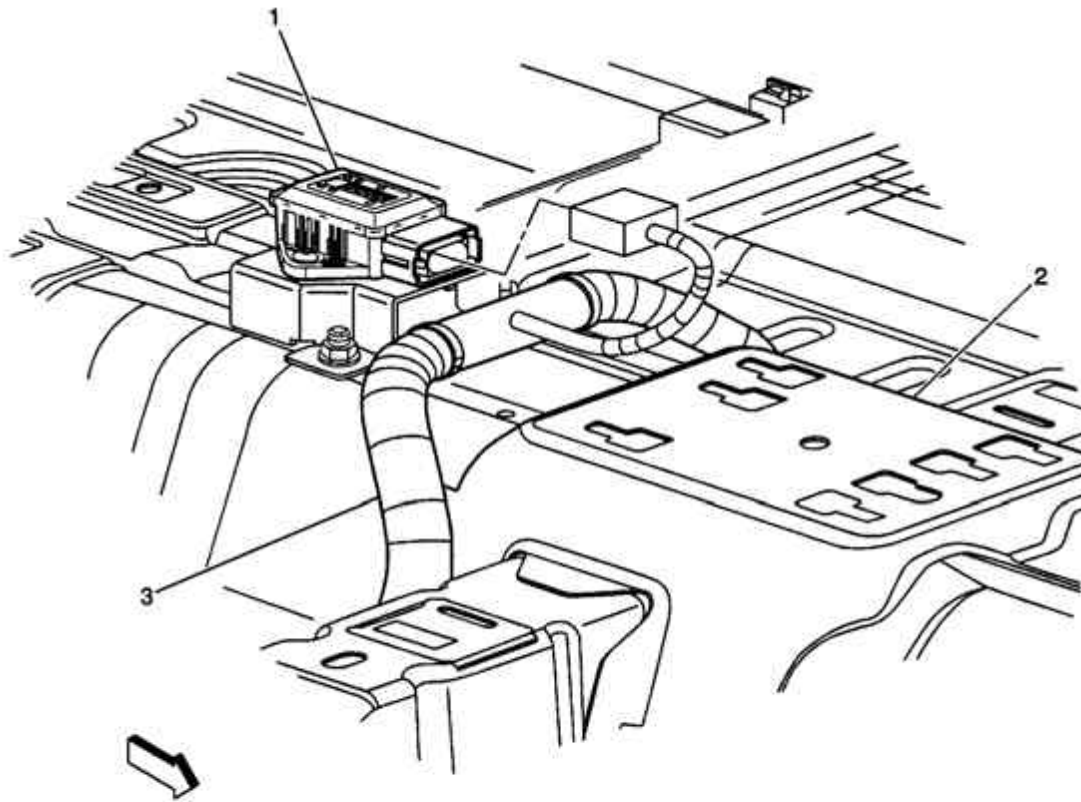


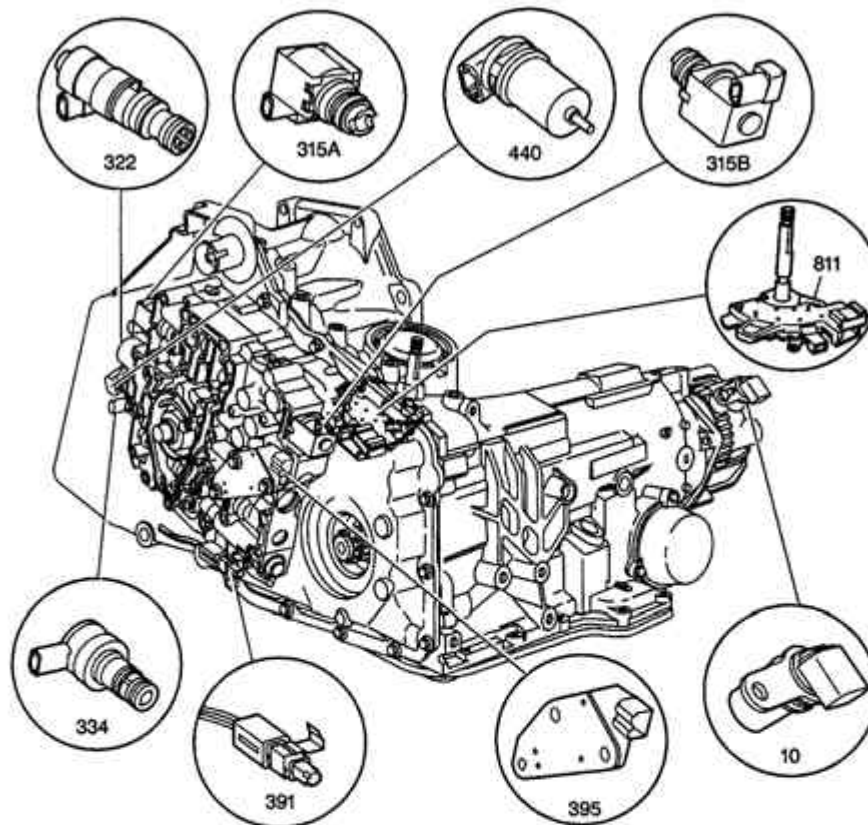
Fig. 3: Steering Column
Courtesy of GENERAL MOTORS CORP.



- (1) Yaw and Lateral Acceleration Sensor
- (2) Center Console Support
- (3) Body Harness

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Fig. 4: Center Console Support
Courtesy of GENERAL MOTORS CORP.



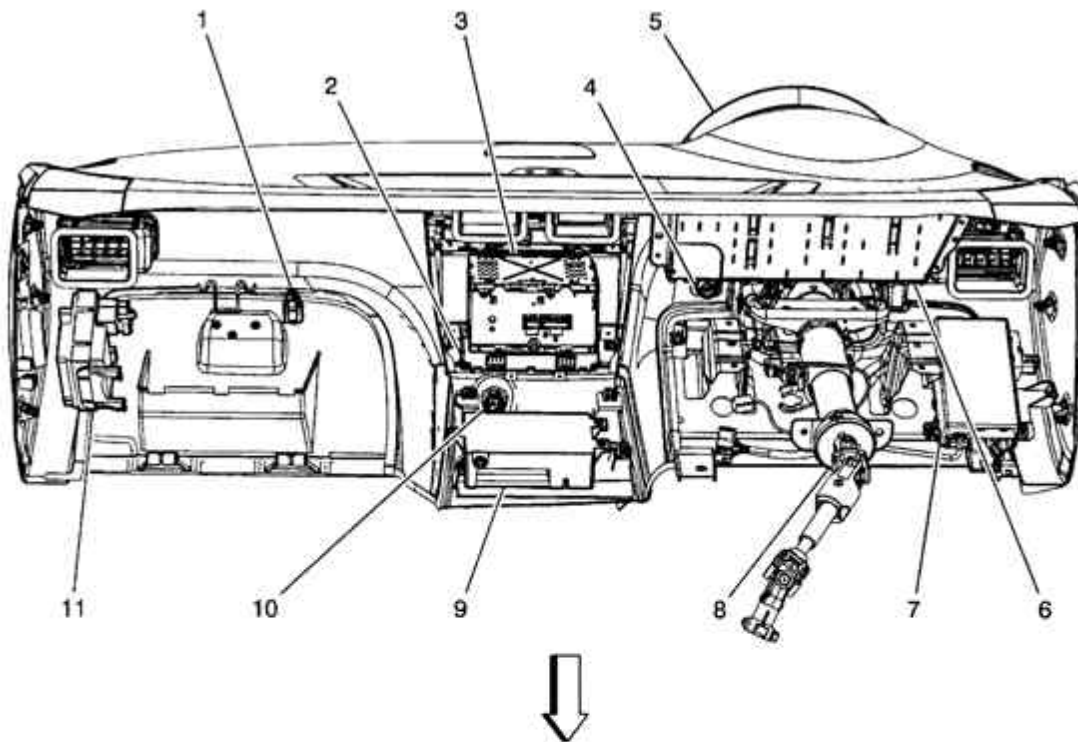
- (10) Vehicle Speed Sensor (VSS) Assembly
- (315a) 1-2, 3-4 Shift Solenoid (SS) Valve Assembly
- (315b) 2-3 Shift Solenoid (SS) Valve Assembly
- (322) Pressure Control (PC) Solenoid Valve Assembly
- (334) Torque Converter Clutch Pulse Width Modulation (TCC PWM) Solenoid Valve Assembly
- (391) Transmission Fluid Temperature (TFT) Sensor
- (395) Transmission Fluid Pressure (TFP) Manual Valve Position Switch Assembly
- (440) Automatic Transmission Input Shaft Speed (A/T ISS) Sensor Assembly
- (811) Lever Assembly-Manual Shaft Detent with Shift Position Switch - Internal Mode Switch (IMS)

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Fig. 5: Automatic Transmission Assembly
Courtesy of GENERAL MOTORS CORP.

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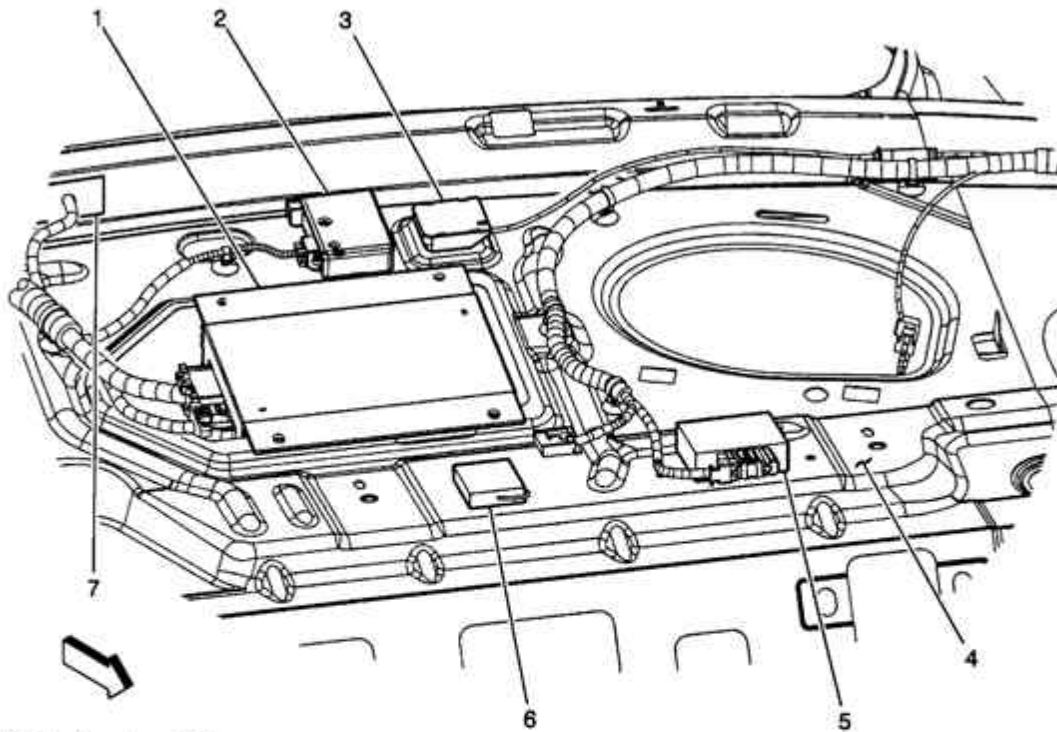
2008 GENERAL MOTORS LaCrosse



- (1) I/P Compartment Lamp
- (2) HVAC Control Module
- (3) Radio
- (4) Air Temperature Sensor - Inside
- (5) Steering Wheel
- (6) Instrument Panel Cluster (IPC)
- (7) Body Control Module (BCM)
- (8) Steering Angle Sensor
- (9) Vehicle Communication Interface Module (VCIM)
- (10) Cigar Lighter
- (11) Fuse Block - I/P

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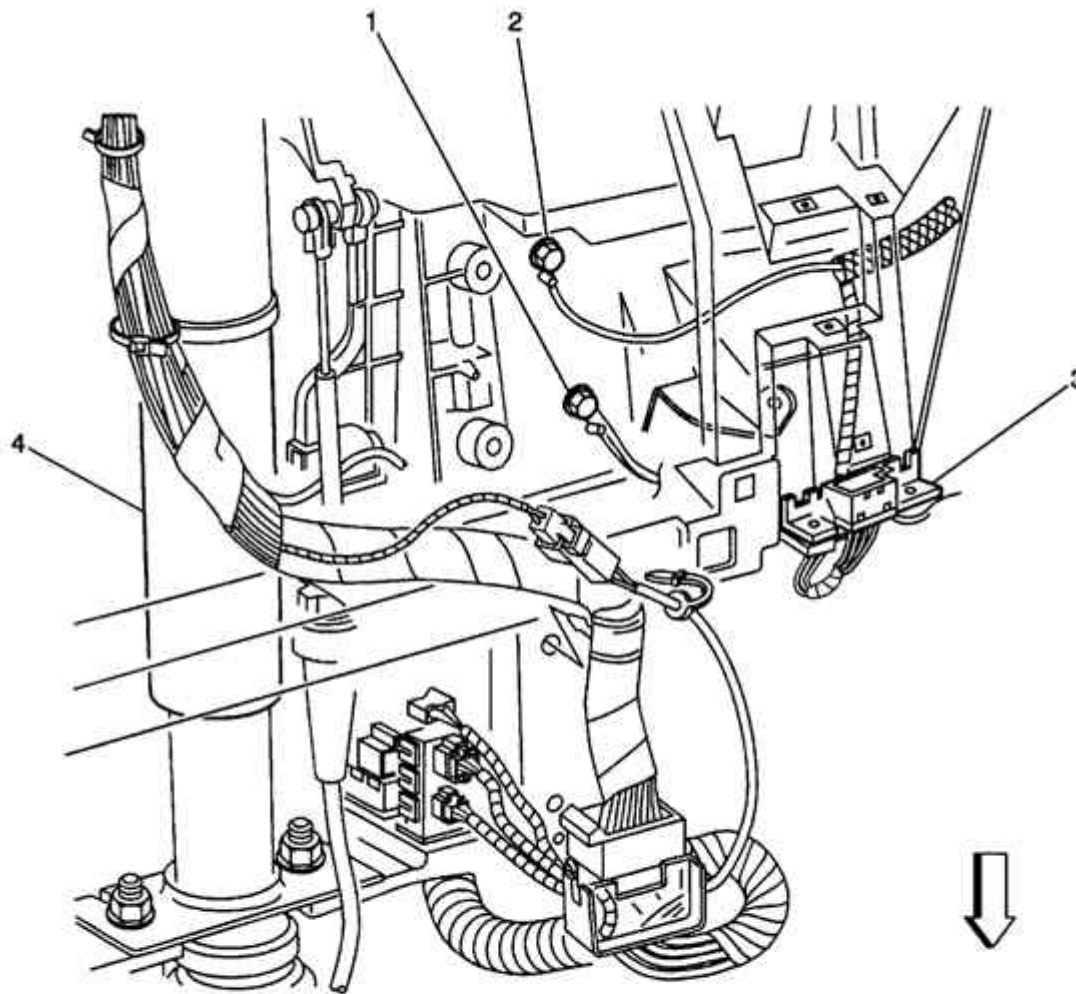
Fig. 6: Dash
Courtesy of GENERAL MOTORS CORP.



- (1) Audio Amplifier
- (2) Remote Control Door Lock Receiver (RCDLR)
- (3) Navigation Antenna
- (4) Rear Window Shelf
- (5) Rear Parking Assist (RPA) Module
- (6) Electronic Compass Module
- (7) Rear Compartment Courtesy Lamp

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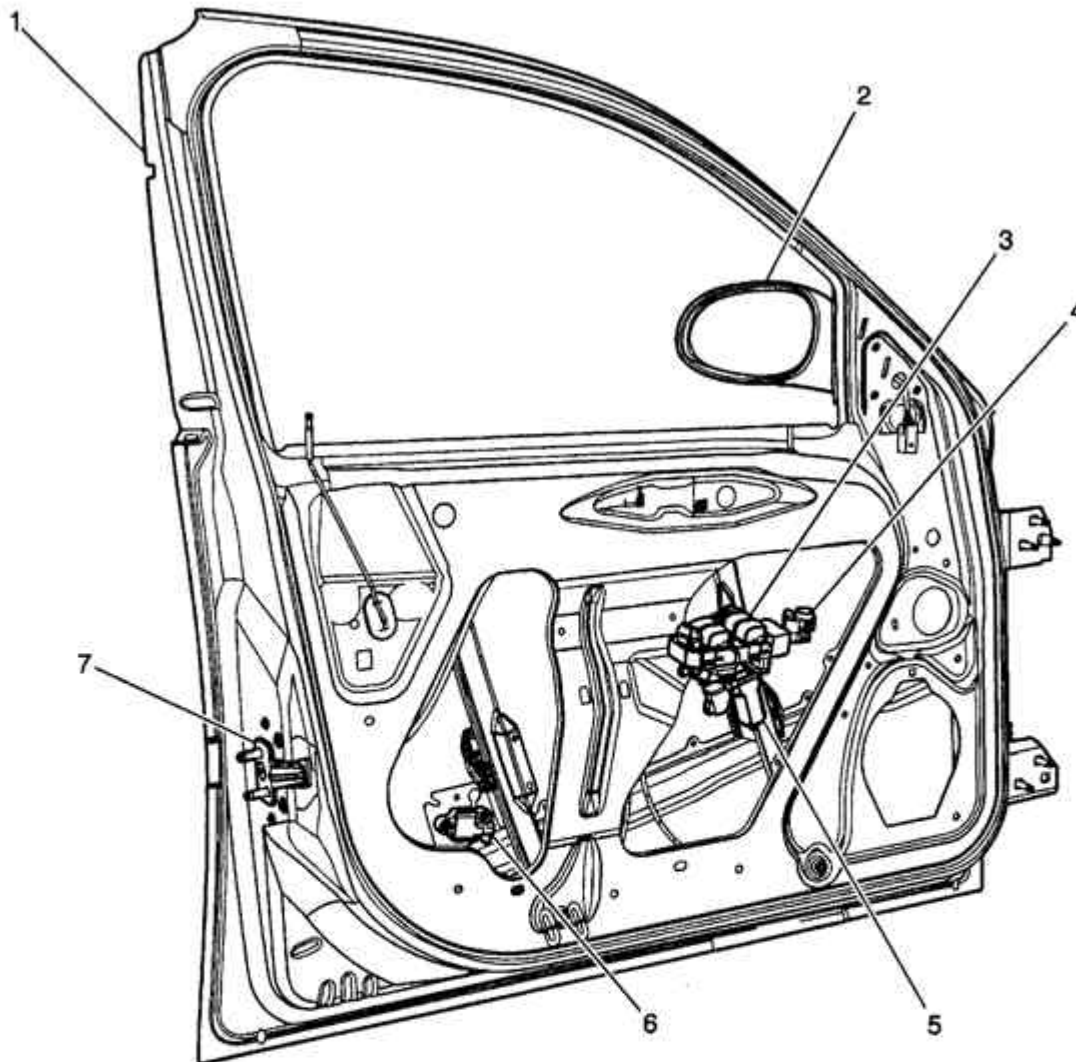
Fig. 7: Rear Package Shelf
Courtesy of GENERAL MOTORS CORP.



- (1) G202
- (2) G200
- (3) Data Link Connector
- (4) Steering Column

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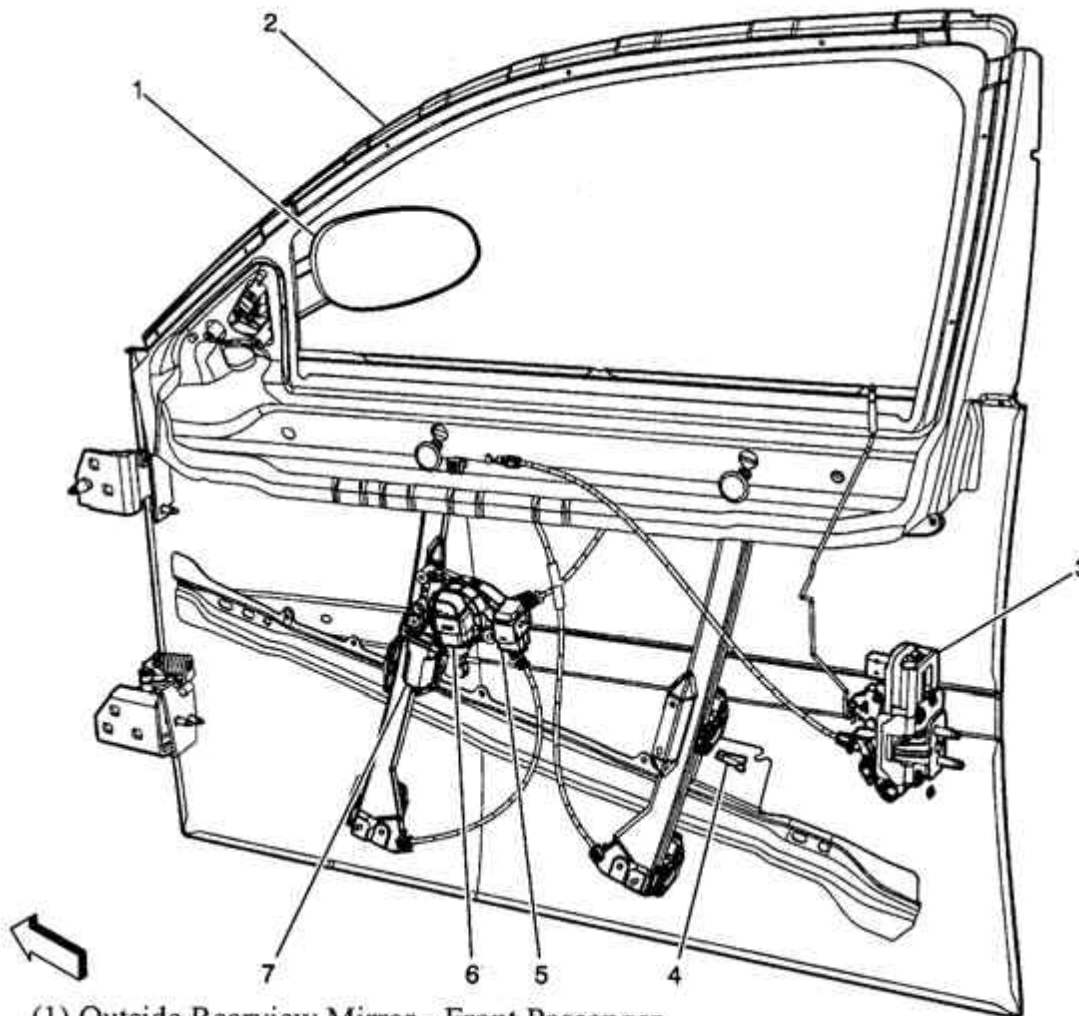
Fig. 8: Left Side Of Dash
Courtesy of GENERAL MOTORS CORP.



- (1) Door Frame
- (2) Outside Rearview Mirror - Driver
- (3) Door Lock / Window Switch - Driver
- (4) Outside Rearview Mirror Switch
- (5) Window Motor - Driver
- (6) Inflatable Restraint Side Impact Sensor - Left (AY1)
- (7) Door Lock - Driver

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Fig. 9: Driver's Door
Courtesy of GENERAL MOTORS CORP.



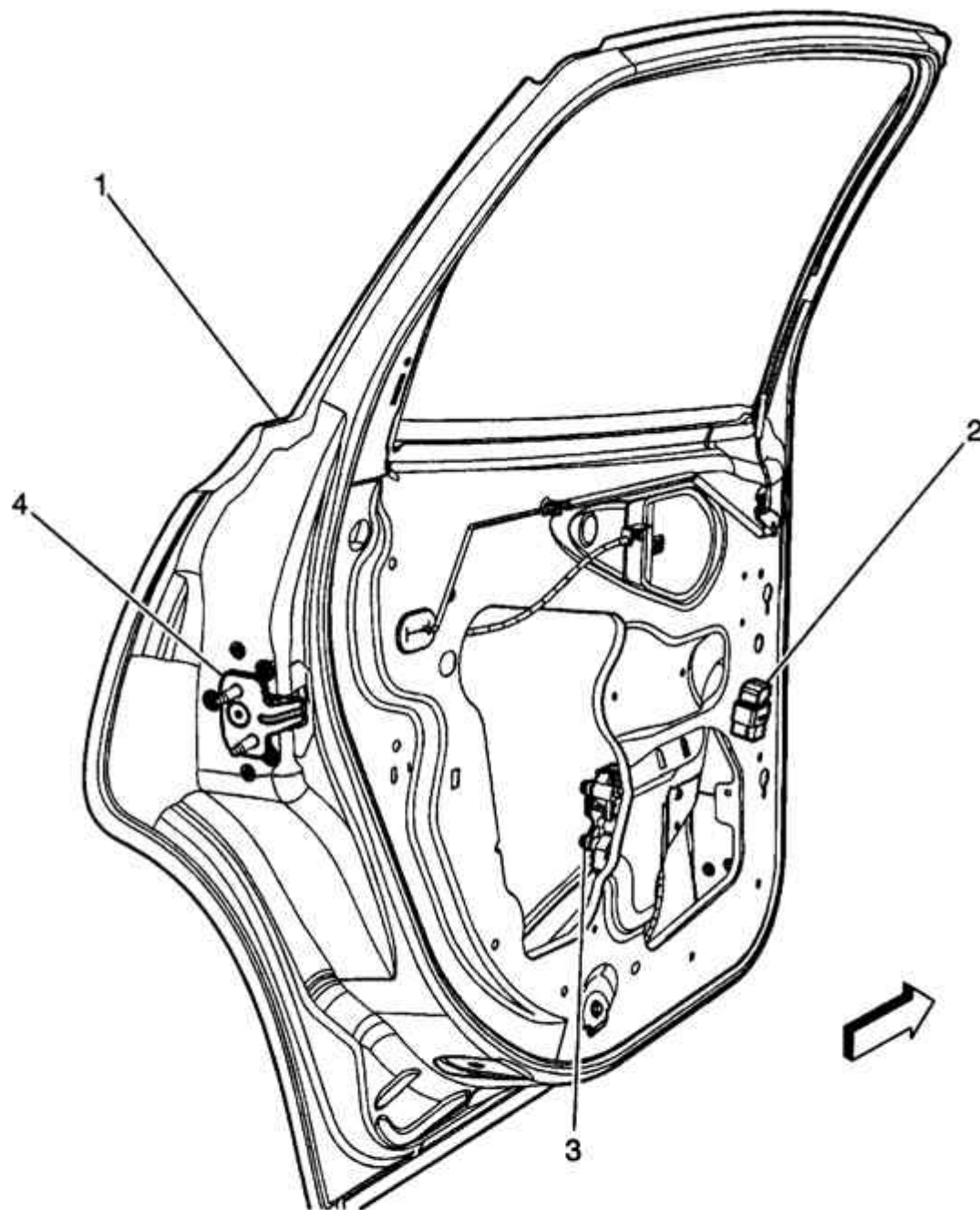
- (1) Outside Rearview Mirror - Front Passenger
- (2) Door Frame
- (3) Door Lock - Front Passenger
- (4) Inflatable Restraint Side Impact Sensor - Right (AY1)
- (5) Door Lock Switch - Front Passenger
- (6) Window Switch - Front Passenger
- (7) Window Motor - Front Passenger

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Fig. 10: Right Front Door
Courtesy of GENERAL MOTORS CORP.

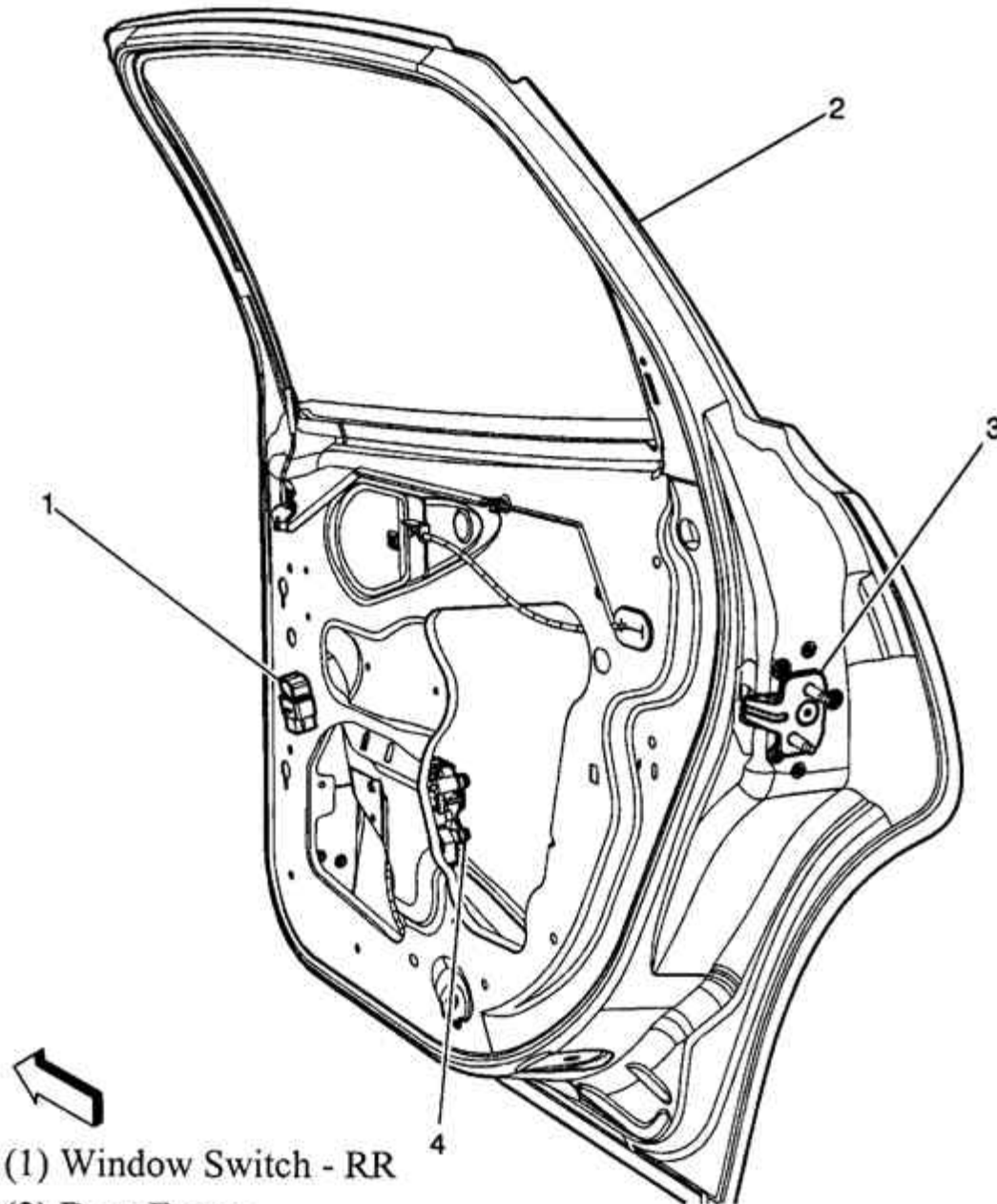
2008 Buick LaCrosse CXL

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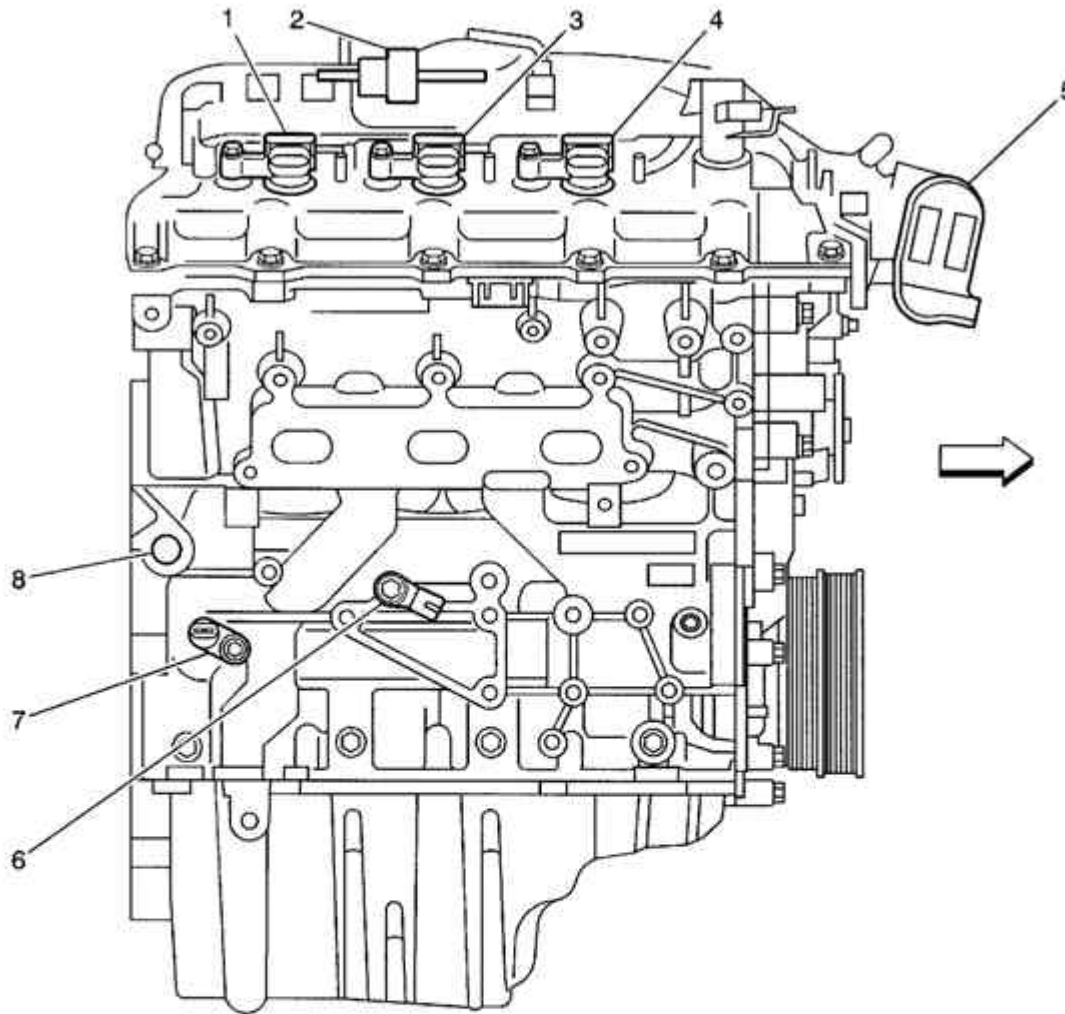
- (1) Door Frame
- (2) Window Switch - LR
- (3) Window Motor - LR
- (4) Door Lock - LR

Fig. 11: Left Rear Door
Courtesy of GENERAL MOTORS CORP.



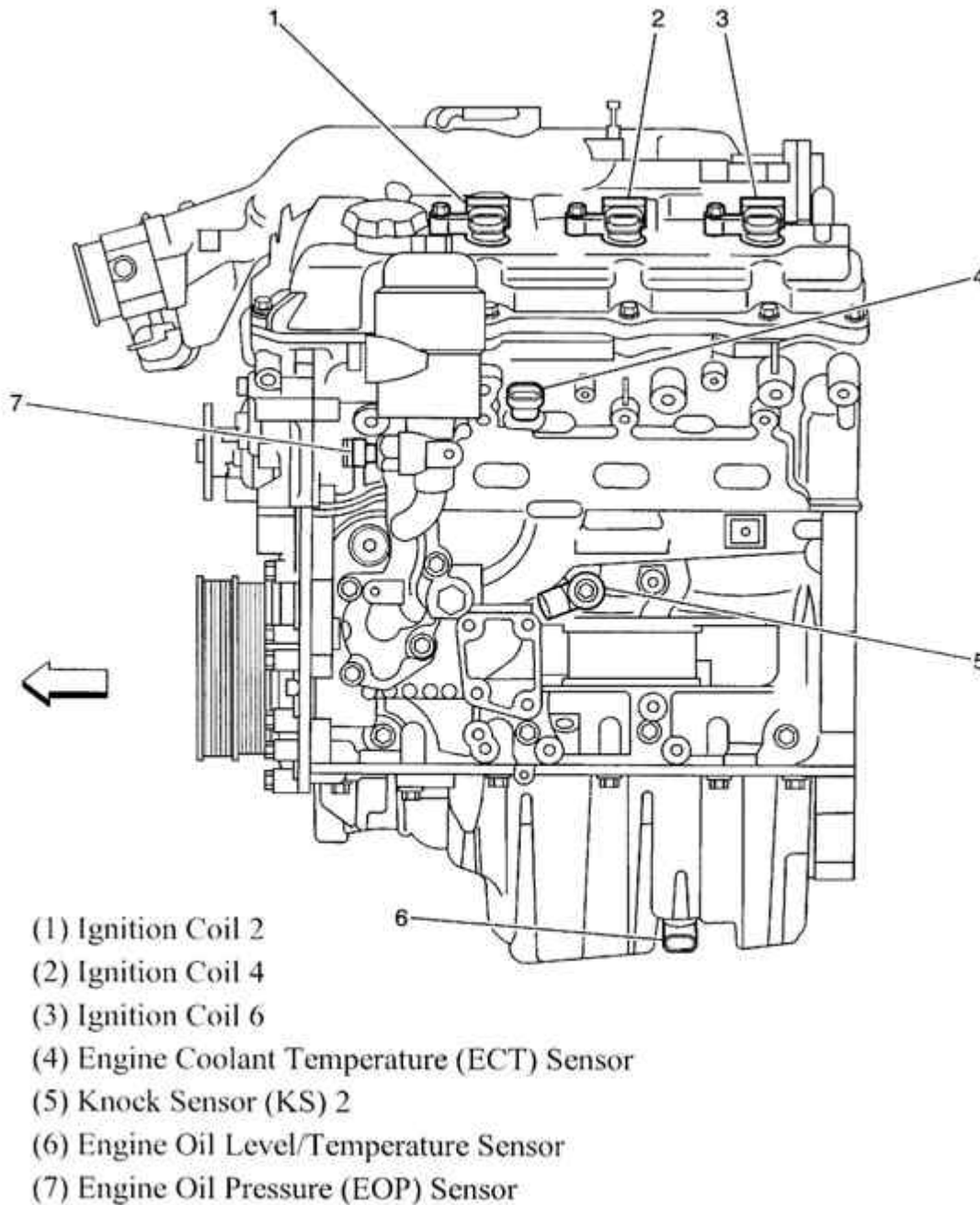
- (1) Window Switch - RR
- (2) Door Frame
- (3) Door Lock - RR
- (4) Window Motor - RR

Fig. 12: Right Rear Passenger's Door
Courtesy of GENERAL MOTORS CORP.



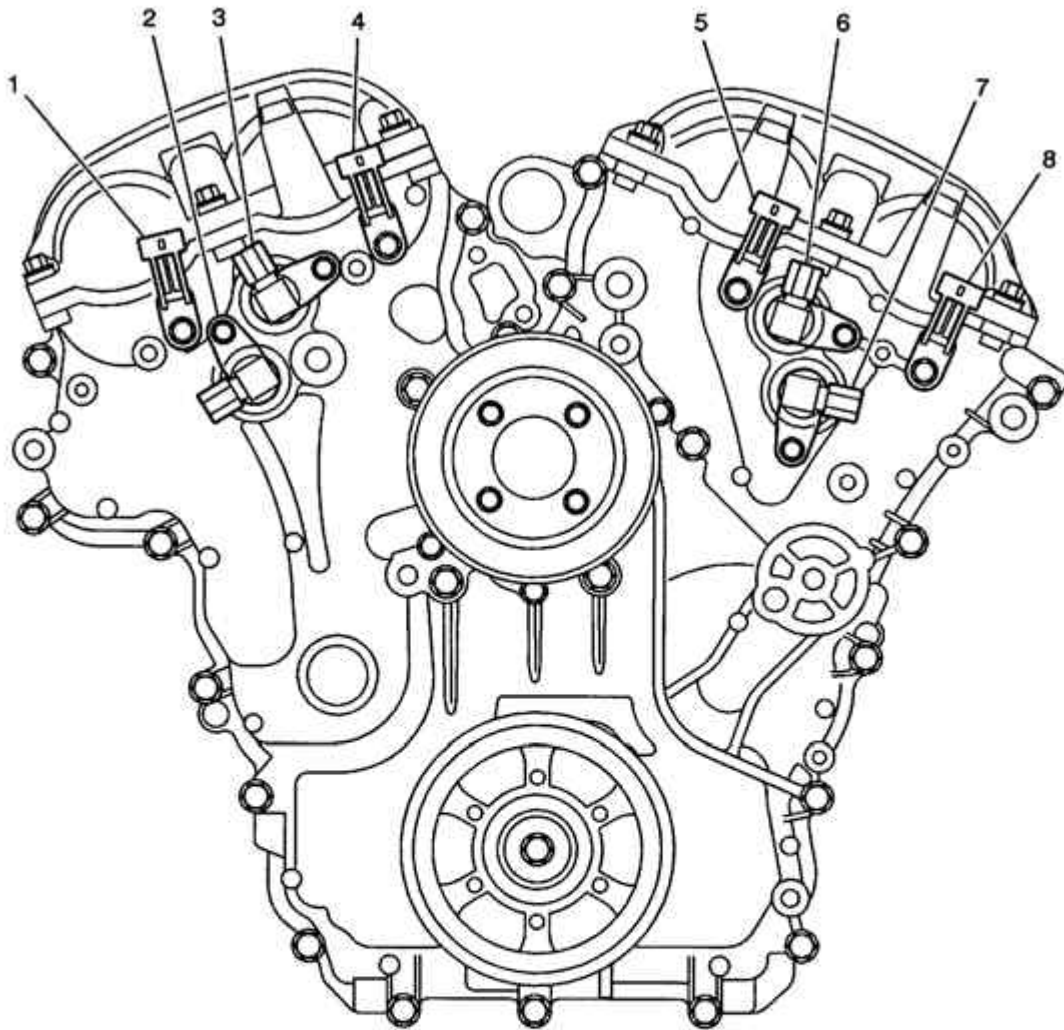
- (1) Ignition Coil 5
- (2) Evaporative Emission (EVAP) Canister Purge Solenoid Valve
- (3) Ignition Coil 3
- (4) Ignition Coil 1
- (5) Throttle Body Assembly
- (6) Knock Sensor (KS) 1
- (7) Crankshaft Position (CKP) Sensor
- (8) Engine Block Heater Assembly

Fig. 13: Right Side Of Engine (3.6L)
Courtesy of GENERAL MOTORS CORP.



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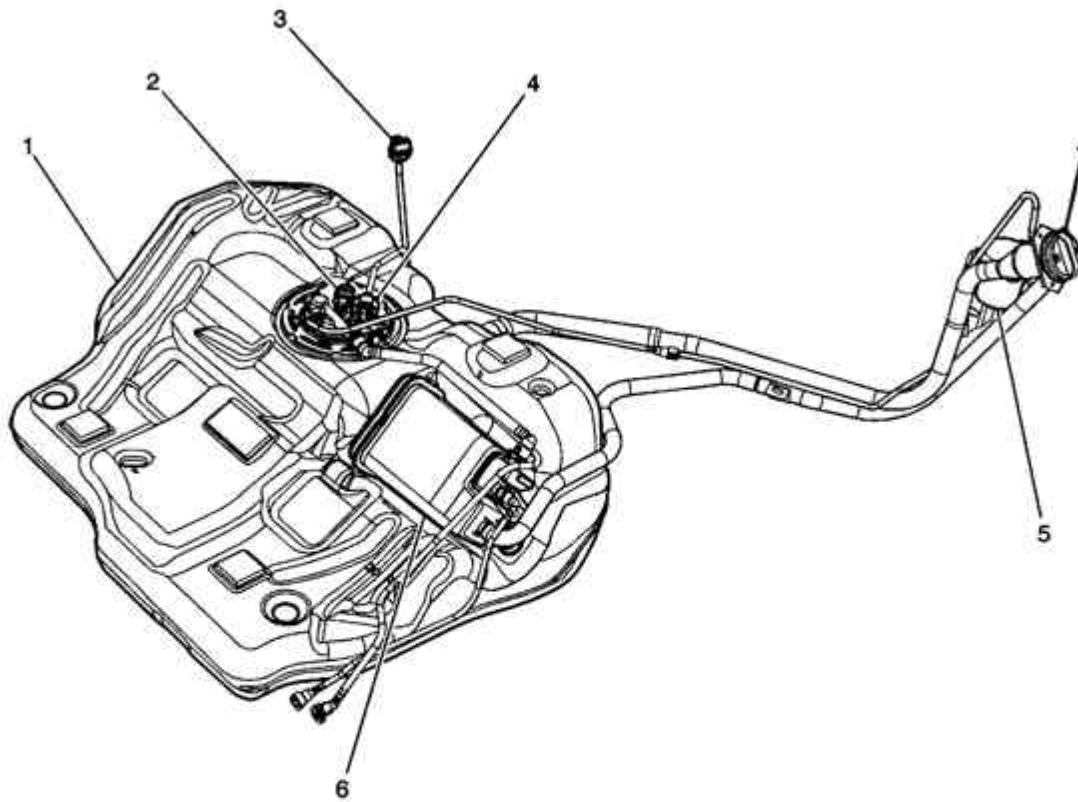
Fig. 14: Left Side Of Engine (3.6L)
Courtesy of GENERAL MOTORS CORP.



- (1) Camshaft Position (CMP) Sensor - Exhaust Bank 1
- (2) Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 1
- (3) Camshaft Position (CMP) Actuator Solenoid - Intake Bank 1
- (4) Camshaft Position (CMP) Sensor - Intake Bank 1
- (5) Camshaft Position (CMP) Sensor - Intake Bank 2
- (6) Camshaft Position (CMP) Actuator Solenoid - Intake Bank 2
- (7) Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 2
- (8) Camshaft Position (CMP) Sensor - Exhaust Bank 2

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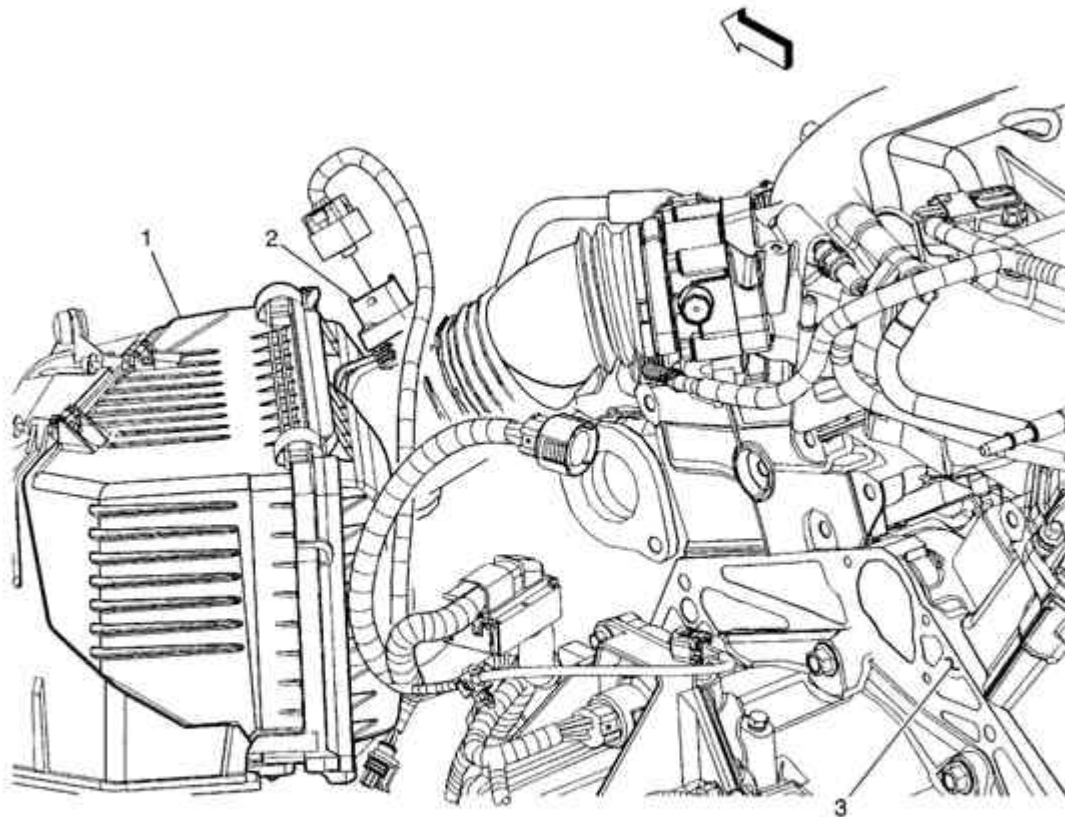
Fig. 15: Front Of Engine (3.6L)
Courtesy of GENERAL MOTORS CORP.



- (1) Fuel Tank
- (2) Fuel Tank Pressure (FTP) Sensor
- (3) C405
- (4) Fuel Pump and Sender Assembly
- (5) Evaporative Emission (EVAP) Canister Vent Solenoid Valve
- (6) EVAP Canister

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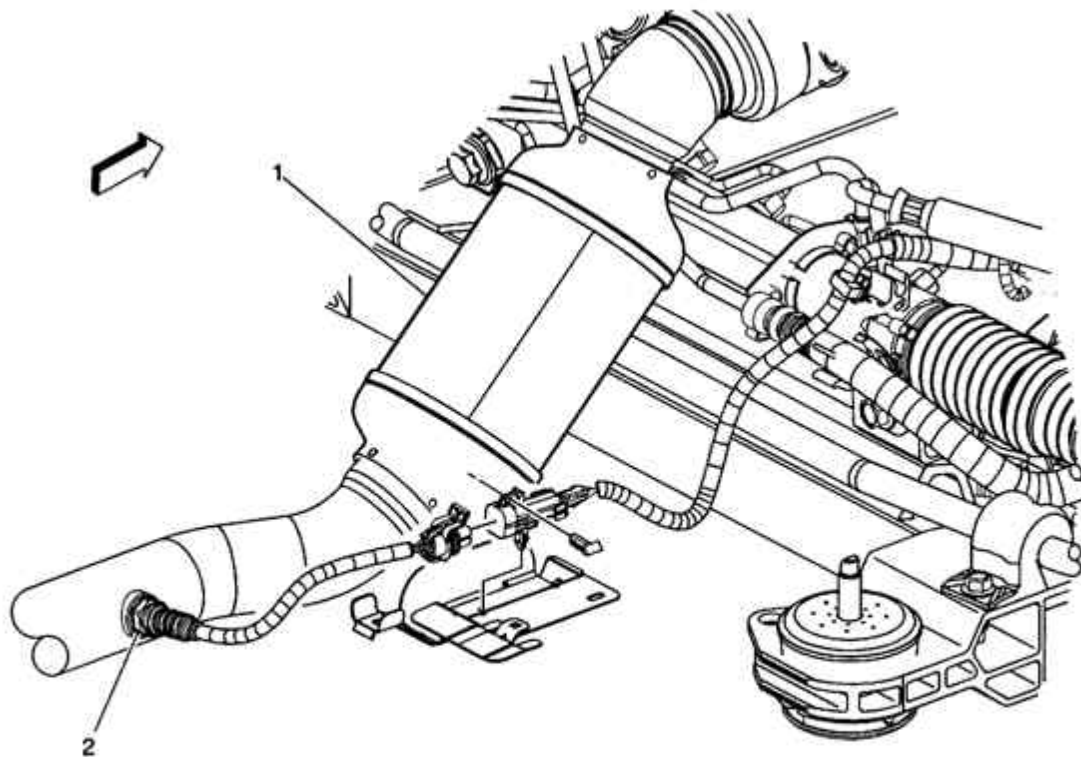
Fig. 16: Fuel Tank
Courtesy of GENERAL MOTORS CORP.



- (1) Air Cleaner Assembly
- (2) Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor
- (3) Engine Block

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Fig. 17: Upper Left Side Of Engine (3.6L)
Courtesy of GENERAL MOTORS CORP.

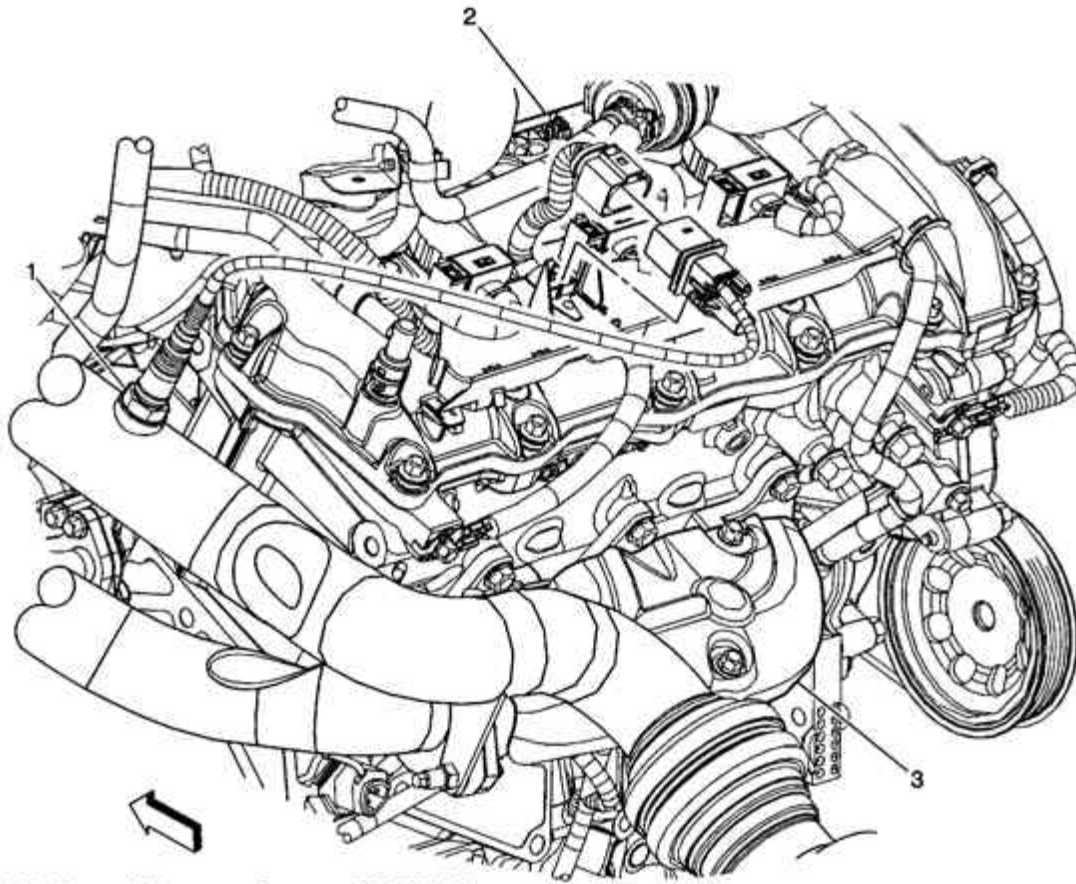


(1) Catalytic Converter

(2) Heated Oxygen Sensor (HO2S) 2

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Fig. 18: Catalytic Converter (3.6L)
Courtesy of GENERAL MOTORS CORP.



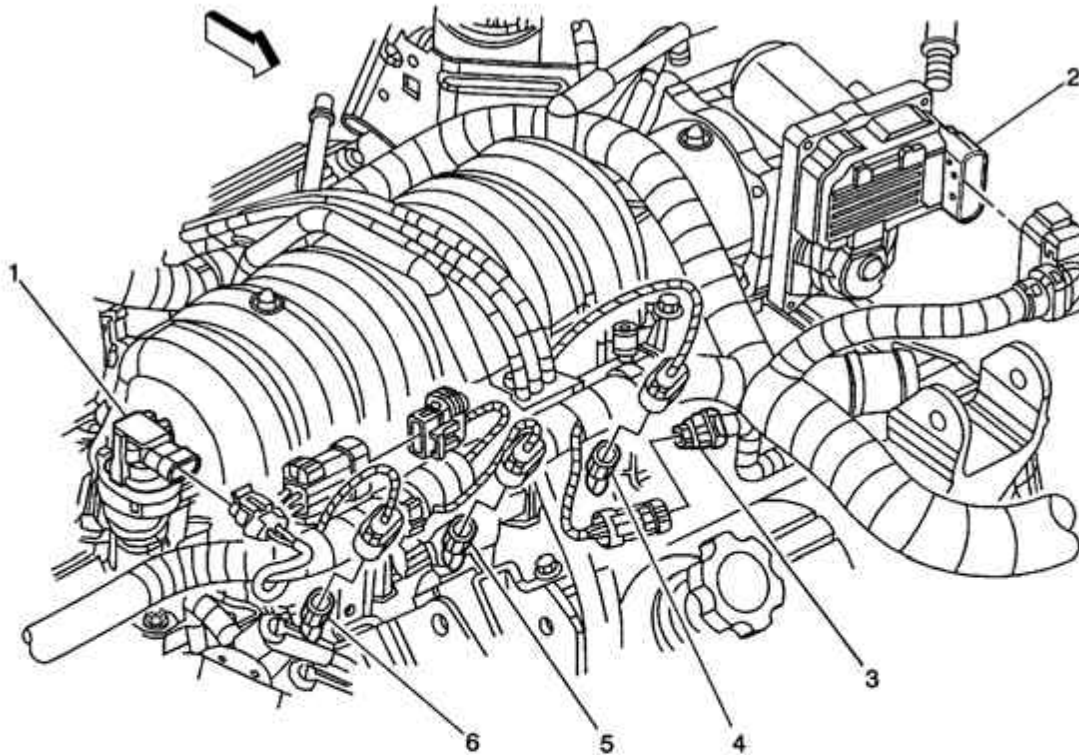
(1) Heated Oxygen Sensor (HO2S) 1

(2) Engine Valve Cover

(3) Exhaust Manifold

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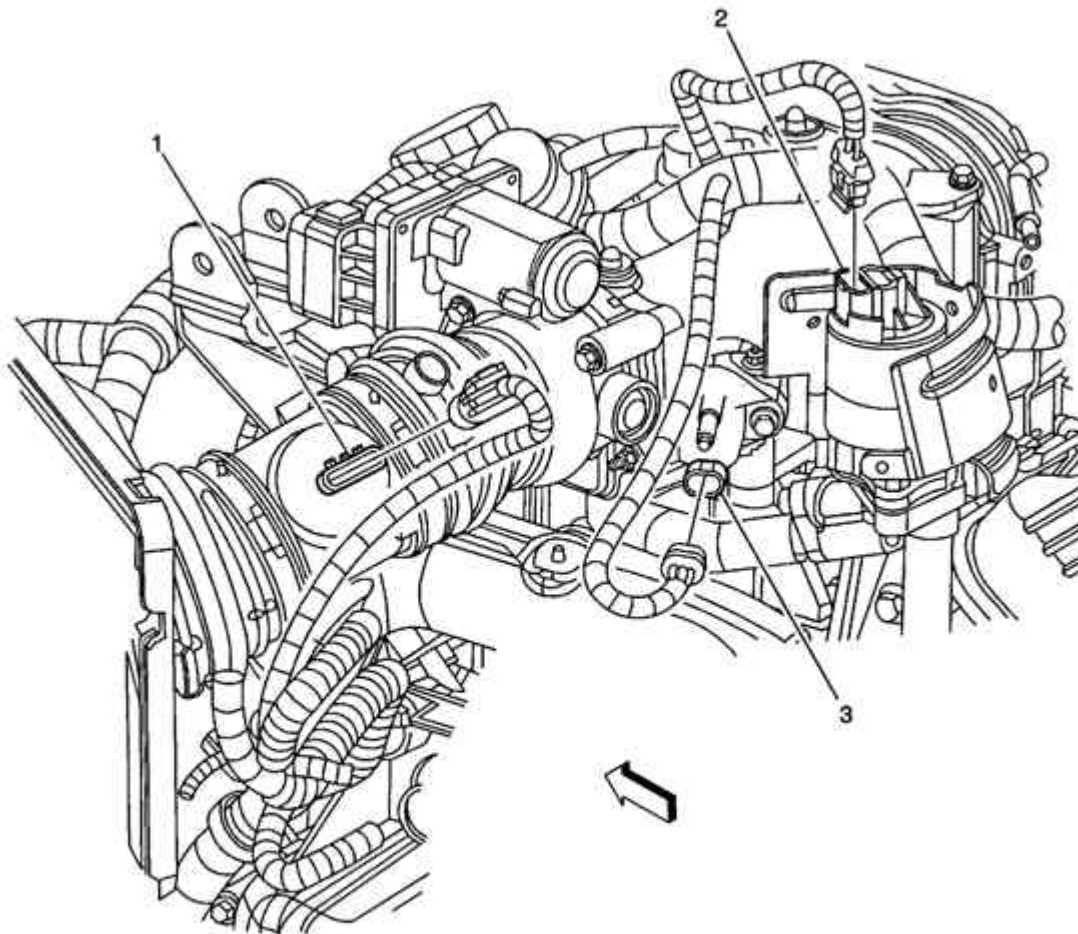
Fig. 19: Right Rear Of Engine (3.6L)
Courtesy of GENERAL MOTORS CORP.



- (1) Manifold Absolute Pressure (MAP) Sensor (L26)
- (2) Throttle Actuator Control (TAC) Module
- (3) Engine Coolant Temperature (ECT) Sensor
- (4) Fuel Injector 5
- (5) Fuel Injector 3
- (6) Fuel Injector 1

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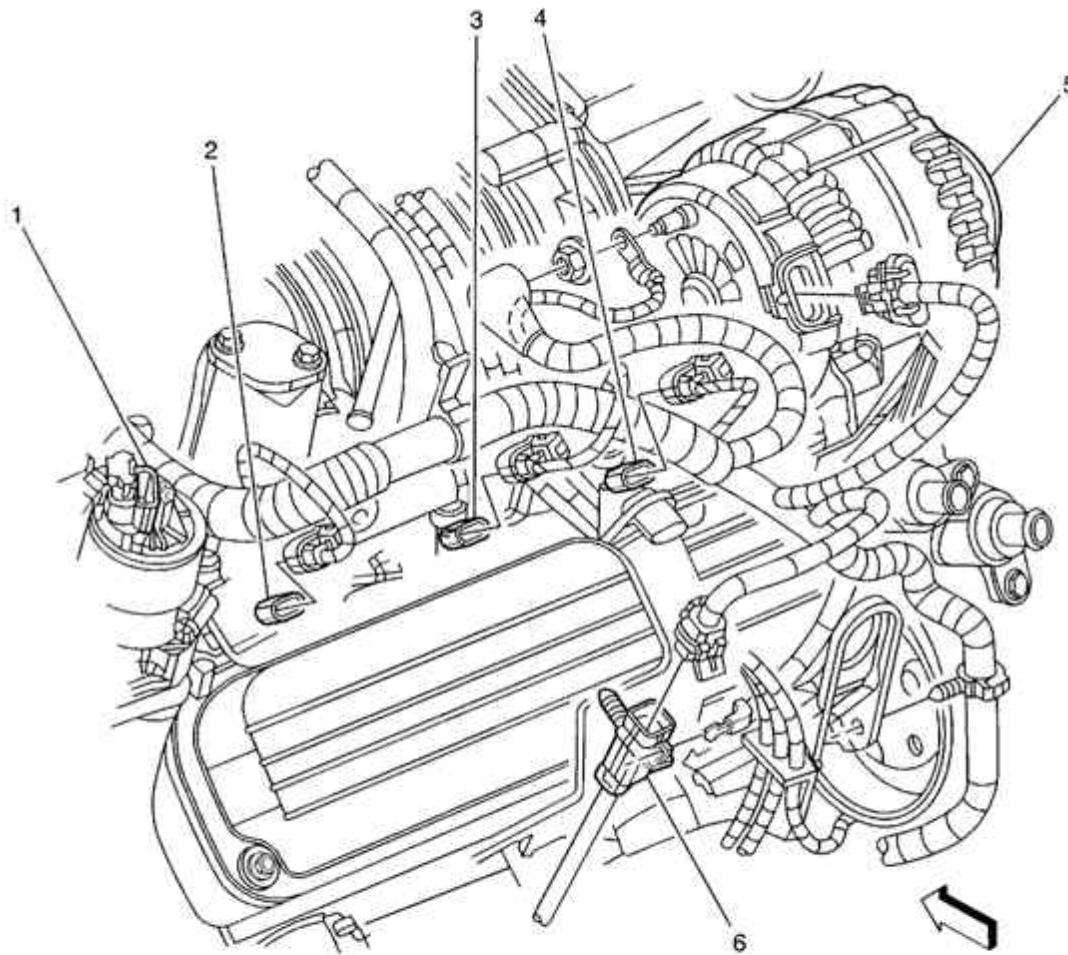
Fig. 20: Top Of Engine (3.8L)
Courtesy of GENERAL MOTORS CORP.



- (1) Intake Air Temperature (IAT) / Mass Air Flow (MAF) Sensor
- (2) Exhaust Gas Recirculation (EGR) Valve
- (3) Evaporative Emission (EVAP) Canister Purge Solenoid

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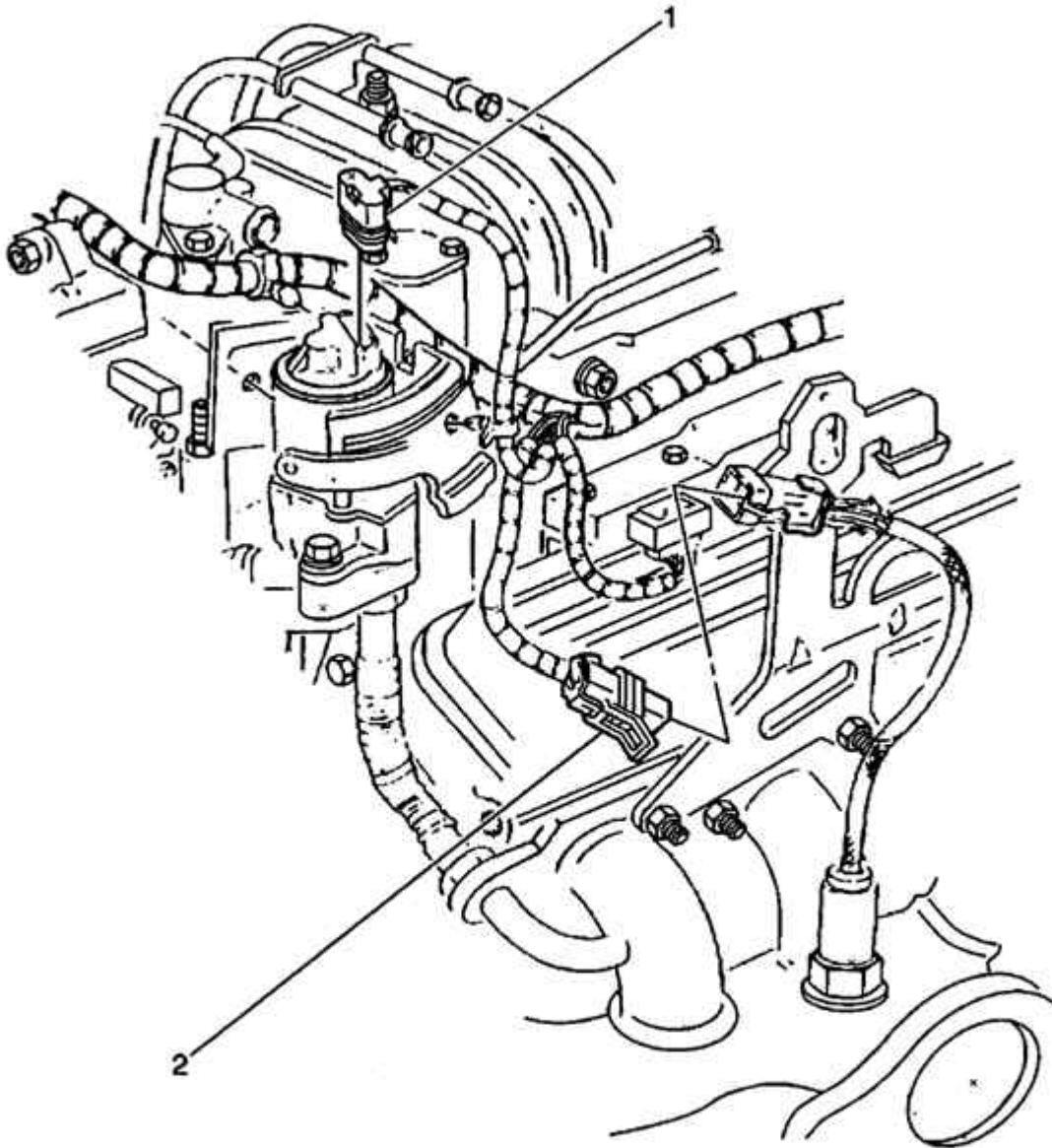
Fig. 21: Rear Of Engine (3.8L)
Courtesy of GENERAL MOTORS CORP.



- (1) Exhaust Gas Recirculation (EGR) Valve
- (2) Fuel Injector 6
- (3) Fuel Injector 4
- (4) Fuel Injector 2
- (5) Generator
- (6) Heated Oxygen Sensor (HO2S) Sensor 1

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Fig. 22: Left Rear Of Engine (3.8L)
Courtesy of GENERAL MOTORS CORP.

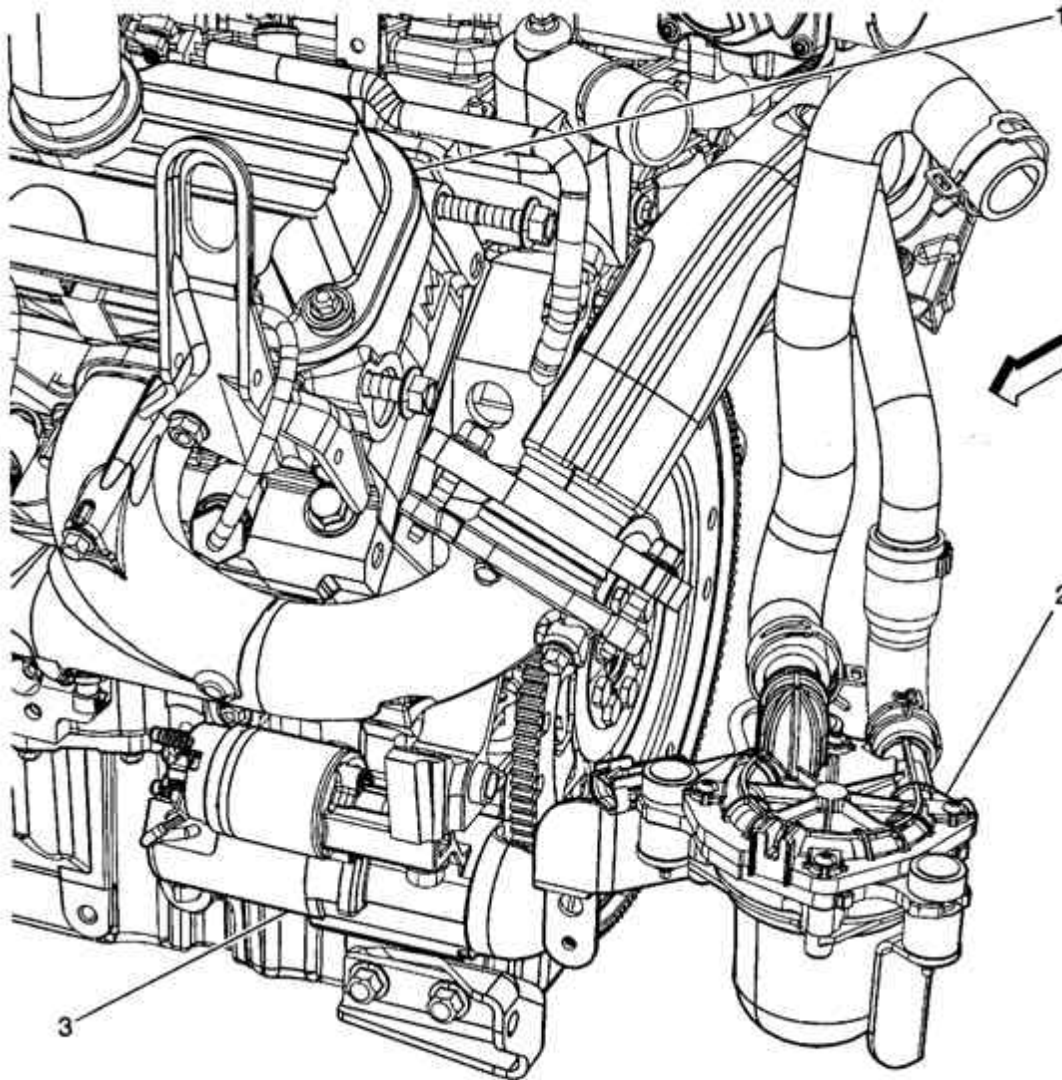


(1) Exhaust Gas Recirculation (EGR) Valve

(2) Heated Oxygen Sensor (HO2S) Sensor 1

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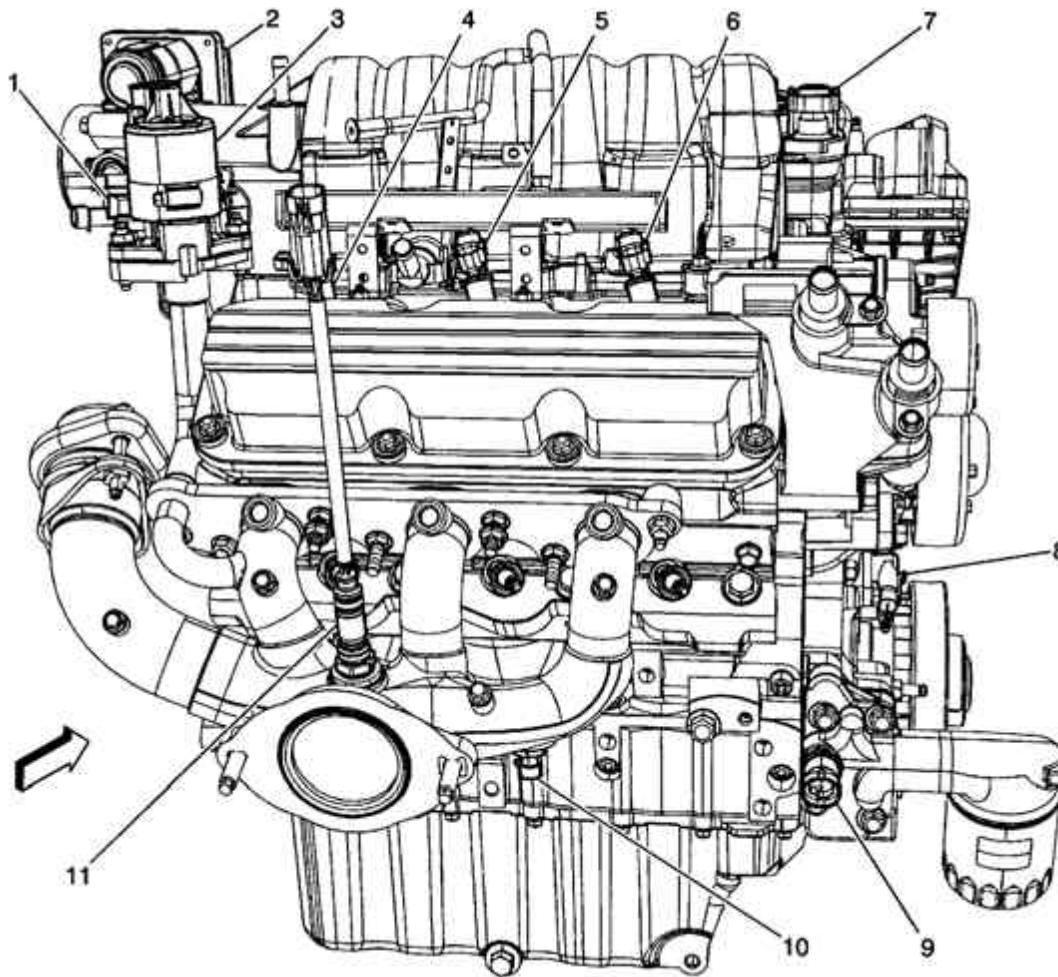
Fig. 23: Upper Rear Of Engine (3.8L)
Courtesy of GENERAL MOTORS CORP.



- (1) Valve Cover
- (2) Secondary Air Injection Pump
- (3) Starter

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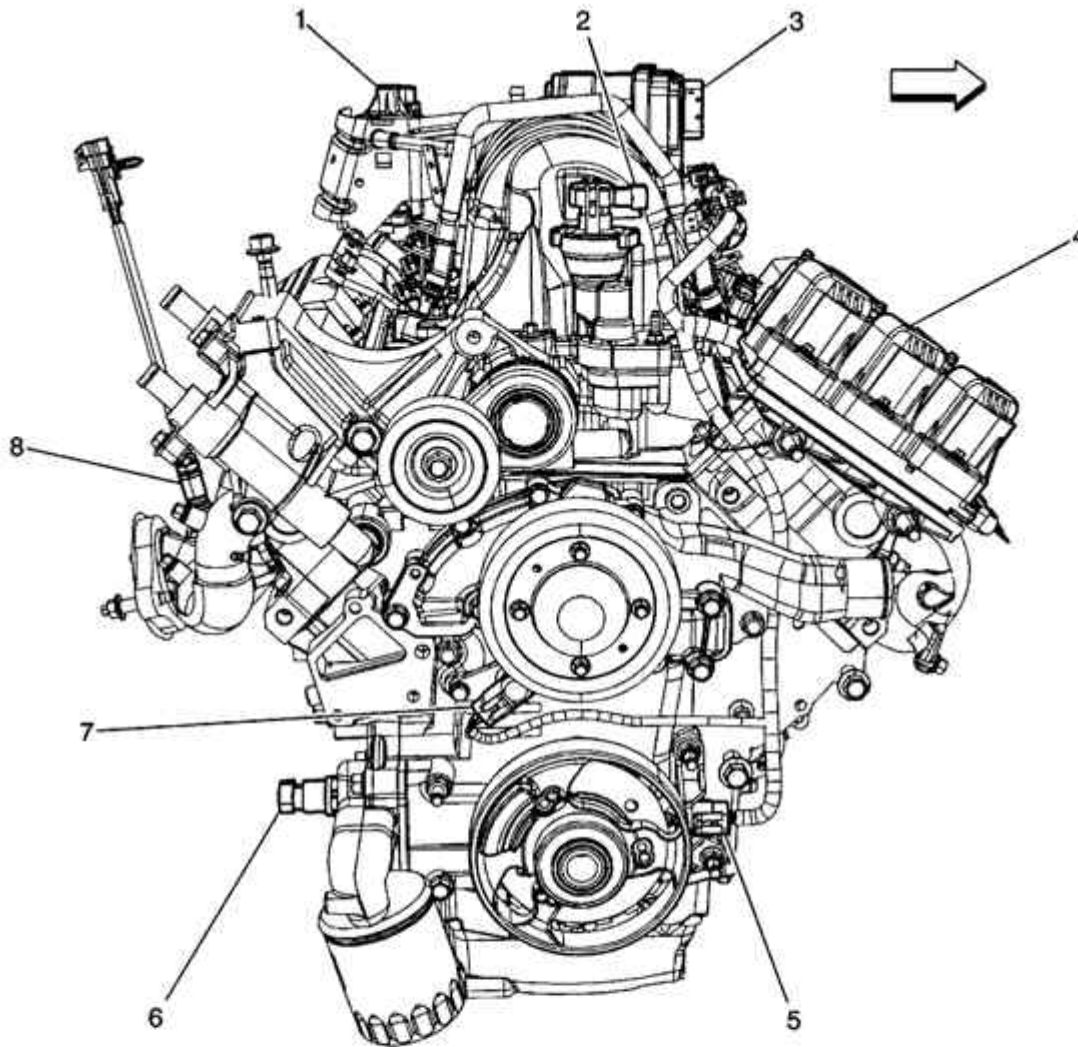
Fig. 24: Left Rear Of Engine (3.8L)
Courtesy of GENERAL MOTORS CORP.



- (1) Evaporative Emission (EVAP) Canister Purge Solenoid Valve
- (2) Throttle Actuator Control (TAC) Module
- (3) Exhaust Gas Recirculation (EGR) Valve
- (4) Fuel Injector 6
- (5) Fuel Injector 4
- (6) Fuel Injector 2
- (7) Manifold Absolute Pressure (MAP) Sensor
- (8) Camshaft Position (CMP) Sensor
- (9) Engine Oil Pressure (EOP) Sensor
- (10) Knock Sensor (KS) 2
- (11) Heated Oxygen Sensor (HO2S) 1

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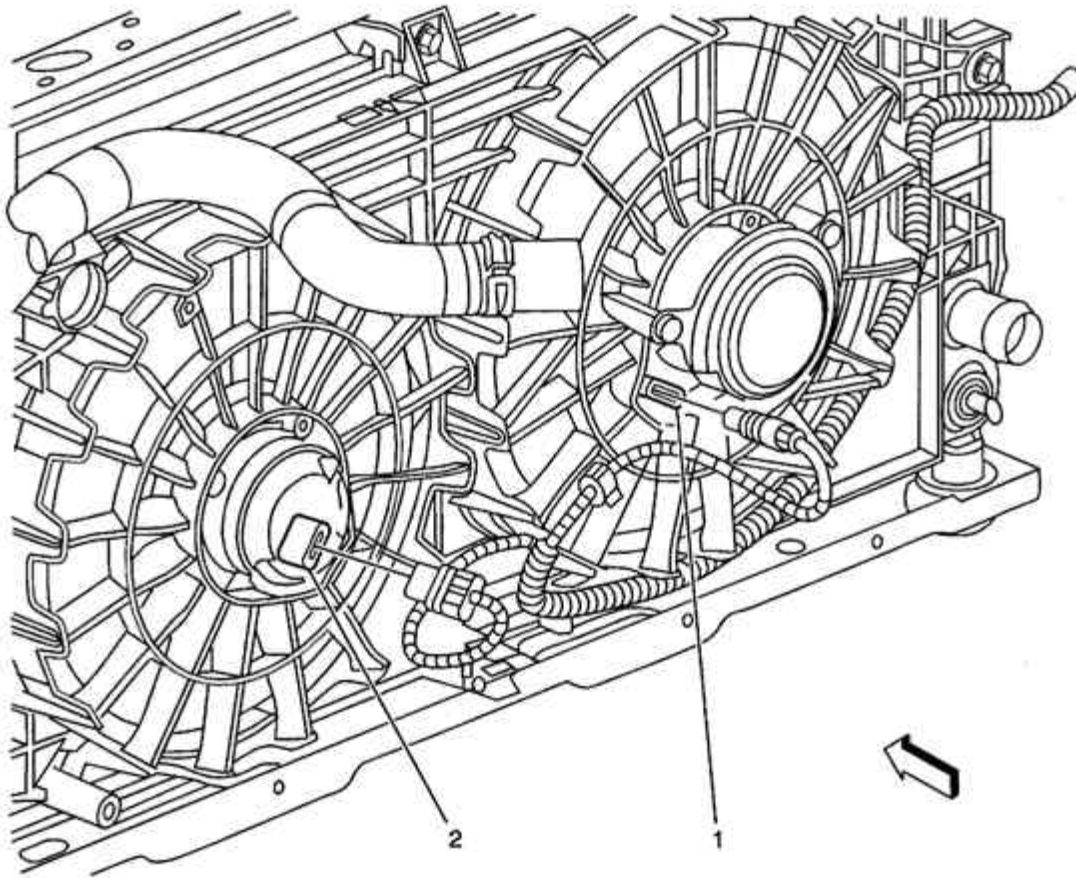
Fig. 25: Right Side Of Engine (3.8L)
Courtesy of GENERAL MOTORS CORP.



- (1) Exhaust Gas Recirculation (EGR) Valve
- (2) Manifold Absolute Pressure (MAP) Sensor
- (3) Throttle Actuator Control (TAC) Module
- (4) Ignition Coil Module
- (5) Crankshaft Position (CKP) Sensor
- (6) Engine Oil Pressure (EOP) Sensor
- (7) Camshaft Position (CMP) Sensor
- (8) Heated Oxygen Sensor (HO2S) 1

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Fig. 26: Front Of Engine (3.8L)
Courtesy of GENERAL MOTORS CORP.

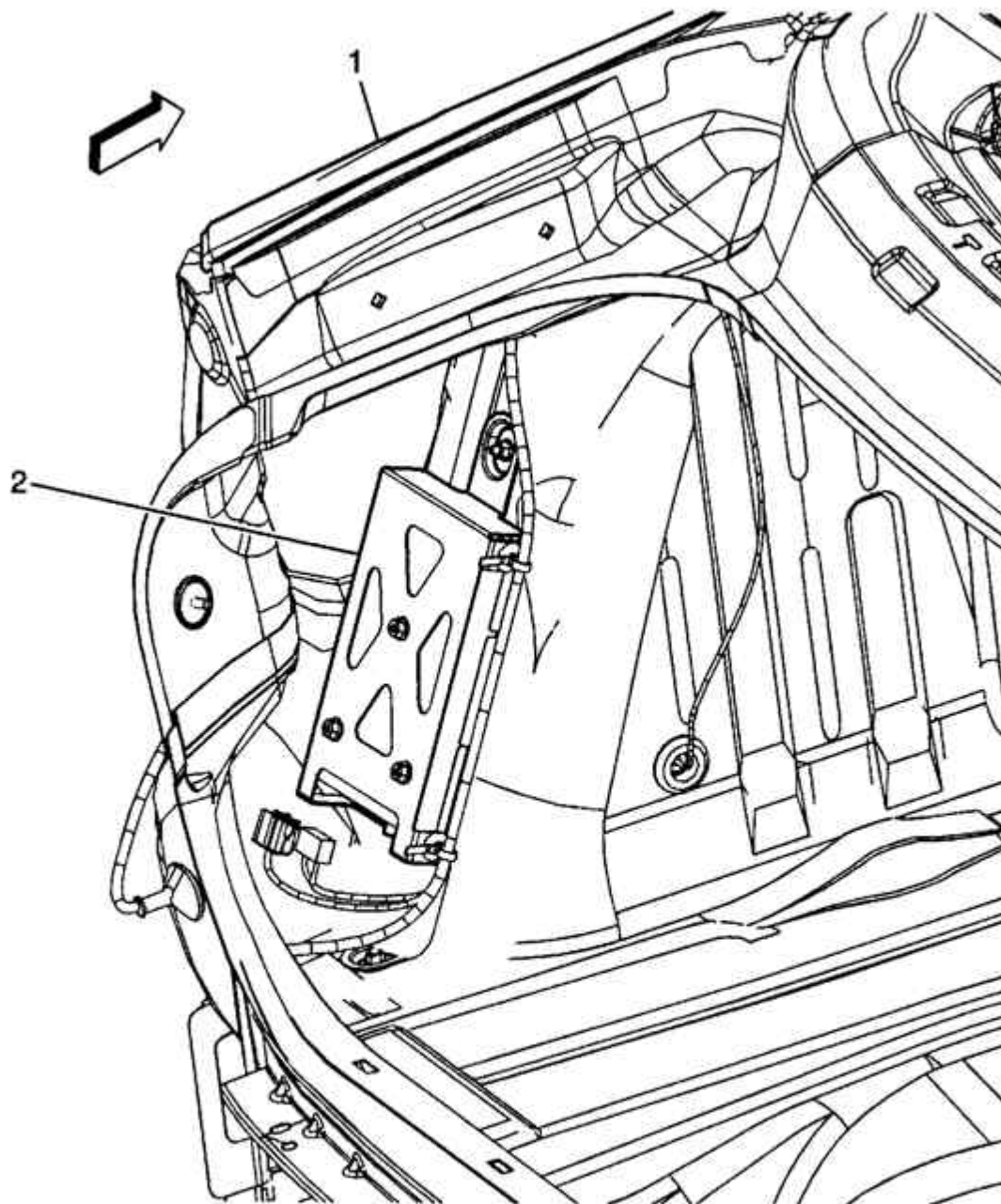


(1) Cooling Fan - Right

(2) Cooling Fan - Left

G00364207

Fig. 27: Radiator Assembly
Courtesy of GENERAL MOTORS CORP.

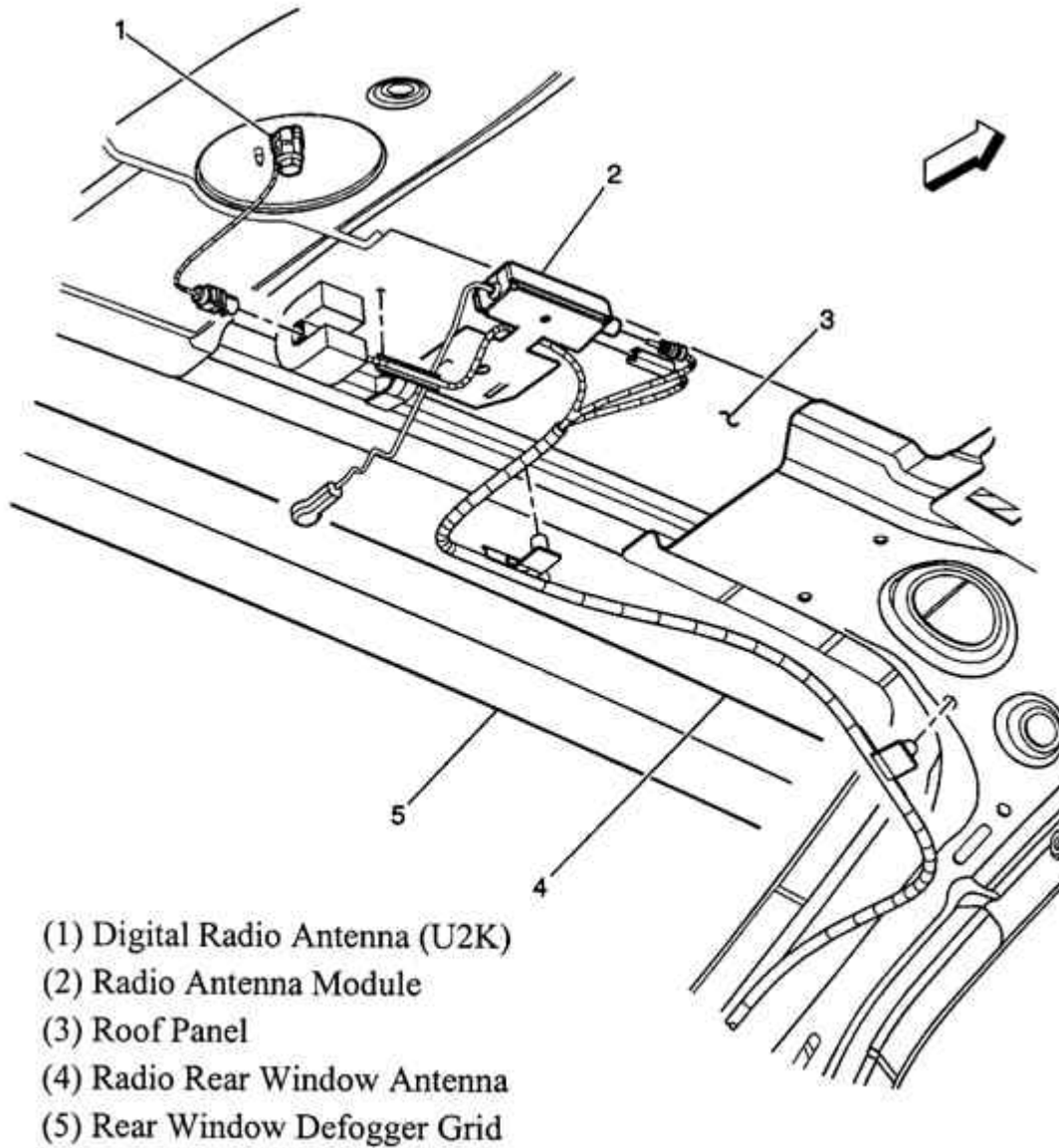


(1) LR Fender Panel

(2) Digital Radio Receiver (U2K)

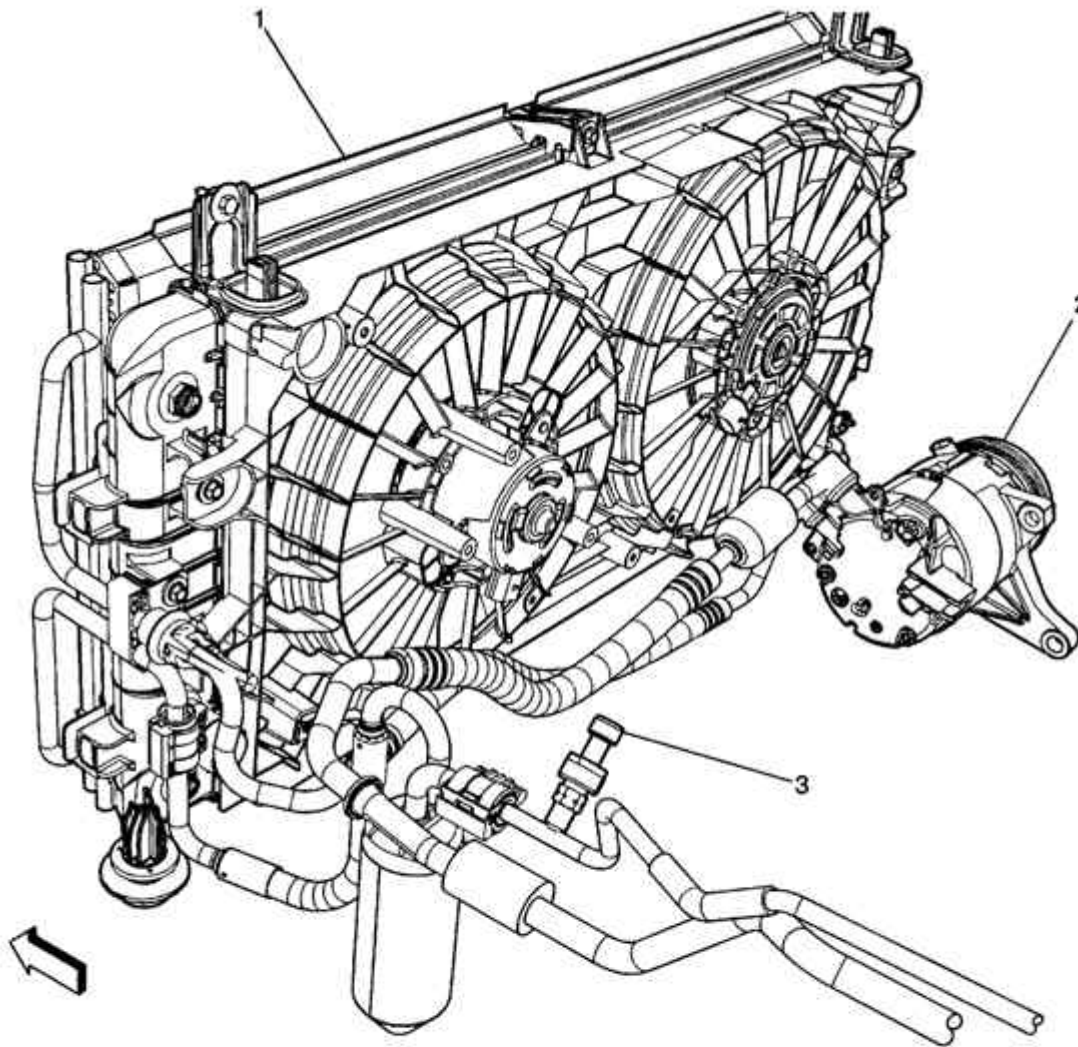
G00364212

Fig. 28: Left Side Of Trunk
Courtesy of GENERAL MOTORS CORP.



G00364213

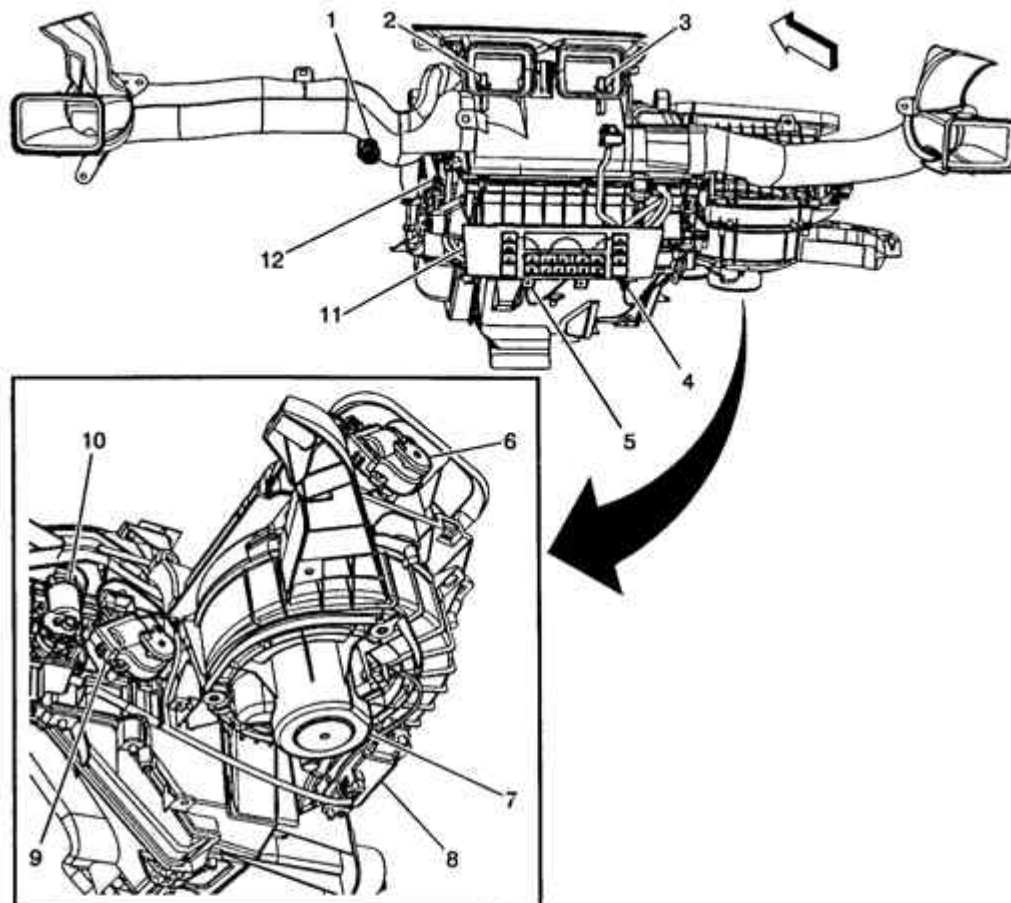
Fig. 29: Above Rear Window
Courtesy of GENERAL MOTORS CORP.



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

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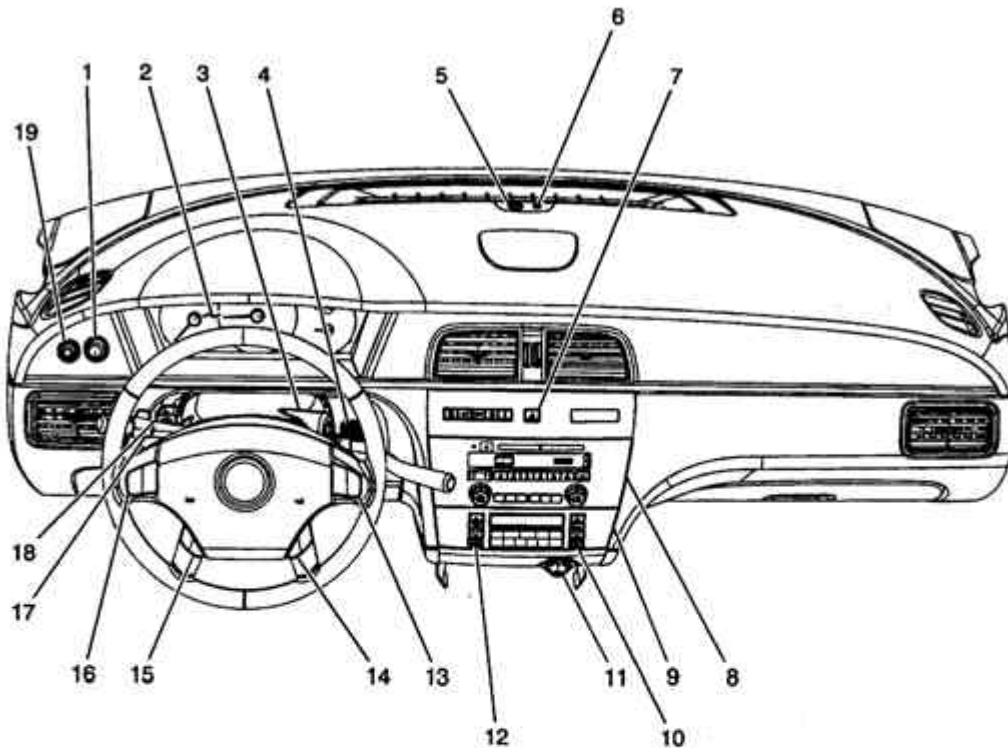
Fig. 30: A/C Components
Courtesy of GENERAL MOTORS CORP.



- (1) Air Temperature Sensor - Inside
- (2) Air Temperature Sensor - Upper Left
- (3) Air Temperature Sensor - Upper Right
- (4) Air Temperature Sensor - Upper Right
- (5) Air Temperature Sensor - Upper Right
- (6) Recirculation Actuator
- (7) Blower Motor
- (8) Blower Motor Control Processor
- (9) Air Temperature Actuator - Right
- (10) Motor Actuator
- (11) HVAC Control Module
- (12) Air Temperature Actuator - Left

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Fig. 31: Interior HVAC Components
Courtesy of GENERAL MOTORS CORP.



- | | |
|--|--|
| (1) Lamp Switch Assembly - Fog Lamp | (12) Heated Seat Switch - Driver |
| (2) Instrument Panel Cluster (IPC) | (13) Steering Wheel Controls - Right |
| (3) Ignition Switch | (14) Cruise Control Switch |
| (4) Air Temperature Sensor - Inside | (15) Voice Recorder / Cruise Switch Assembly |
| (5) Sunload Sensor Assembly (CJ2)
or Ambient Light Sensor (C67) | (16) Steering Wheel Controls - Left |
| (6) Theft LED | (17) Turn Signal / Multifunction Switch |
| (7) Driver Information Center (DIC) | (18) I/P Dimmer Switch |
| (8) Radio | (19) Lamp Switch Assembly - Interior Lamps |
| (9) HVAC Control Module | |
| (10) Heated Seat Switch - Front Passenger | |
| (11) Cigar Lighter | |

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Fig. 32: Dash
Courtesy of GENERAL MOTORS CORP.

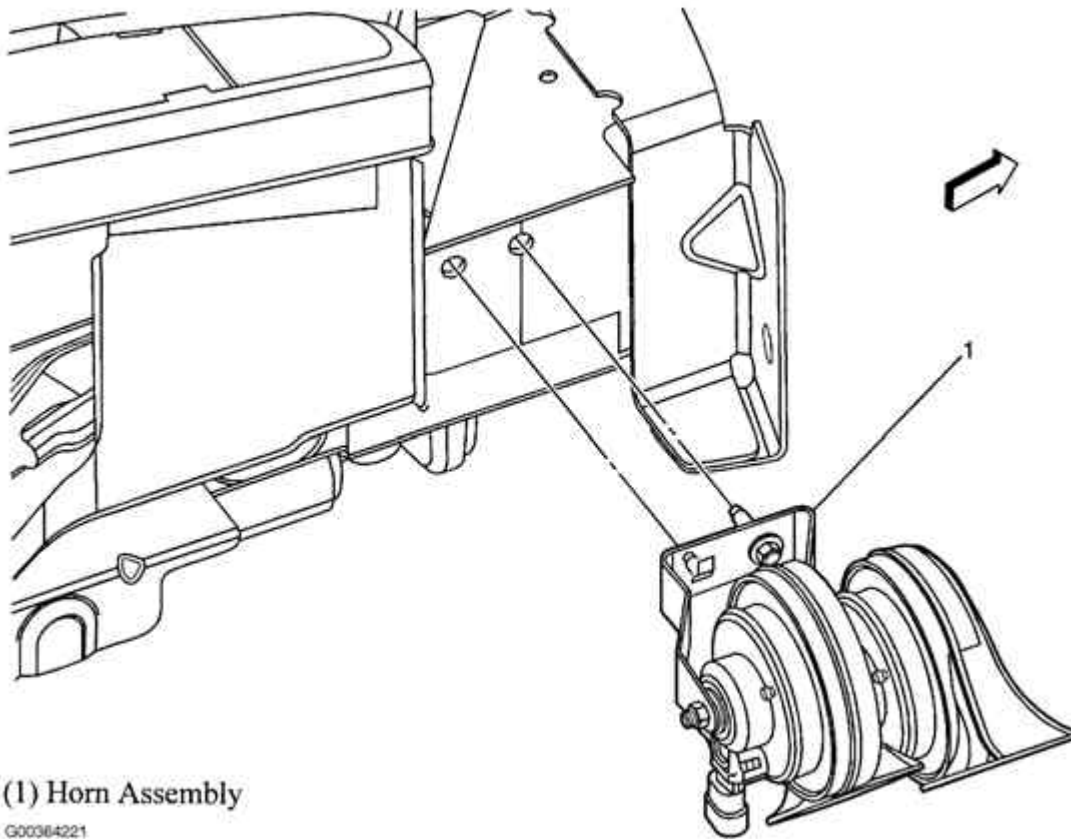
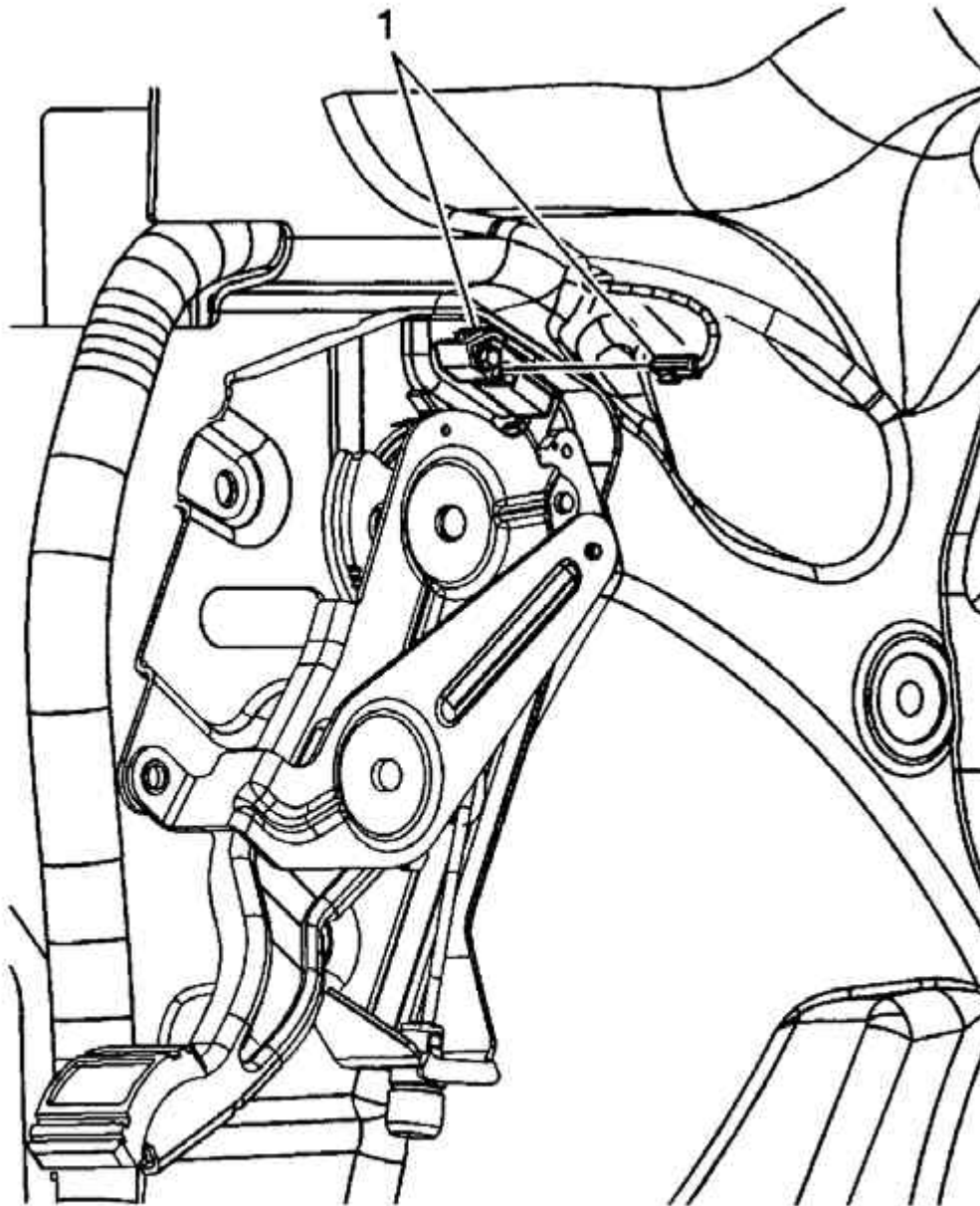


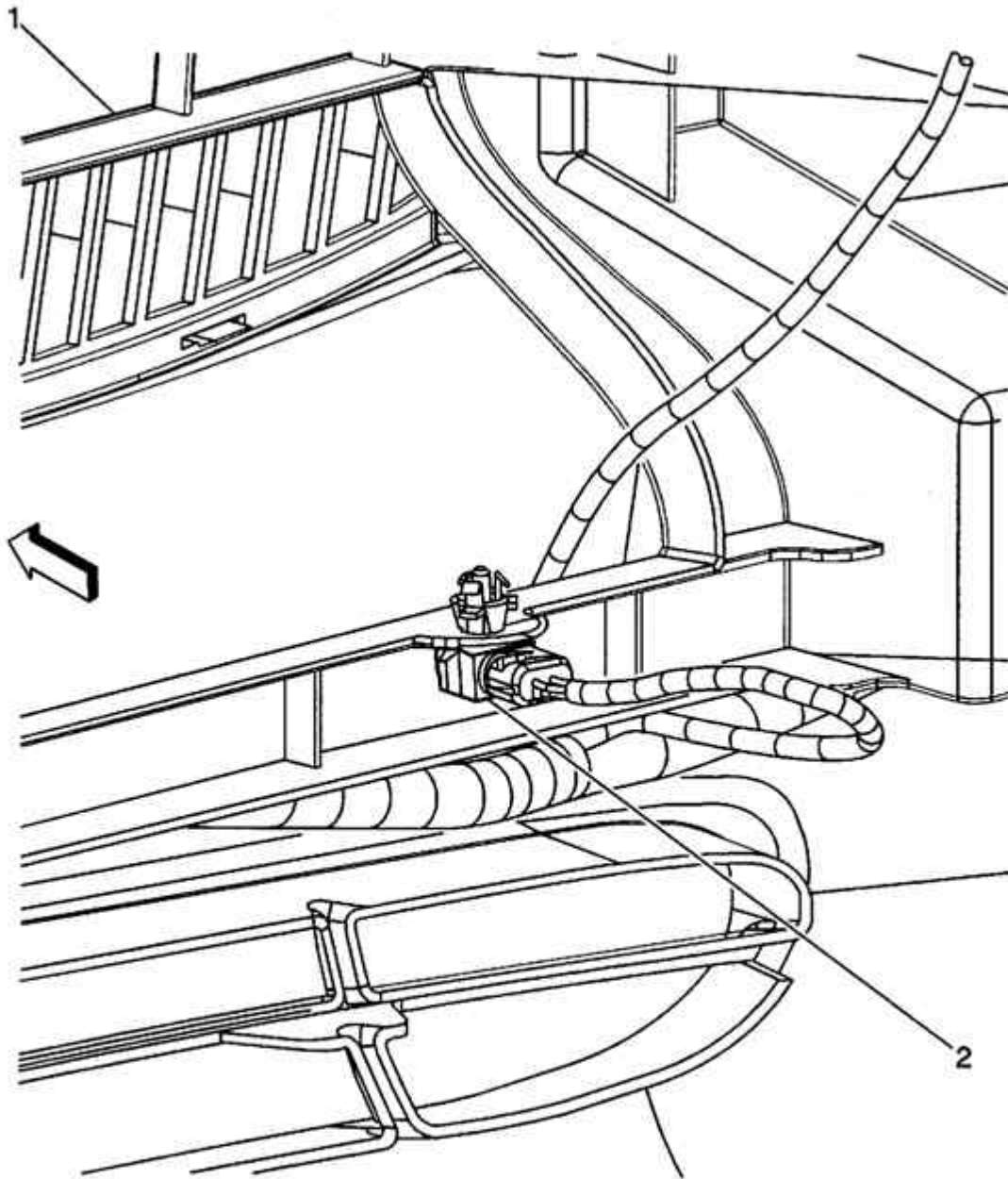
Fig. 33: Right Front Of Vehicle
Courtesy of GENERAL MOTORS CORP.



(1) Park Brake Switch

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Fig. 34: Park Brake Switch
Courtesy of GENERAL MOTORS CORP.

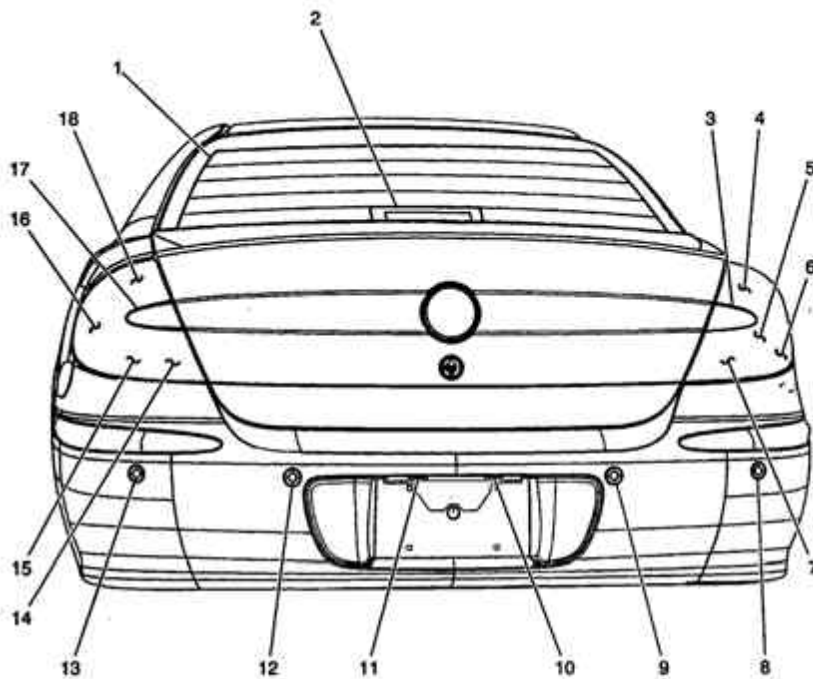


(1) Front Radiator Grille

(2) Ambient Air Temperature Sensor

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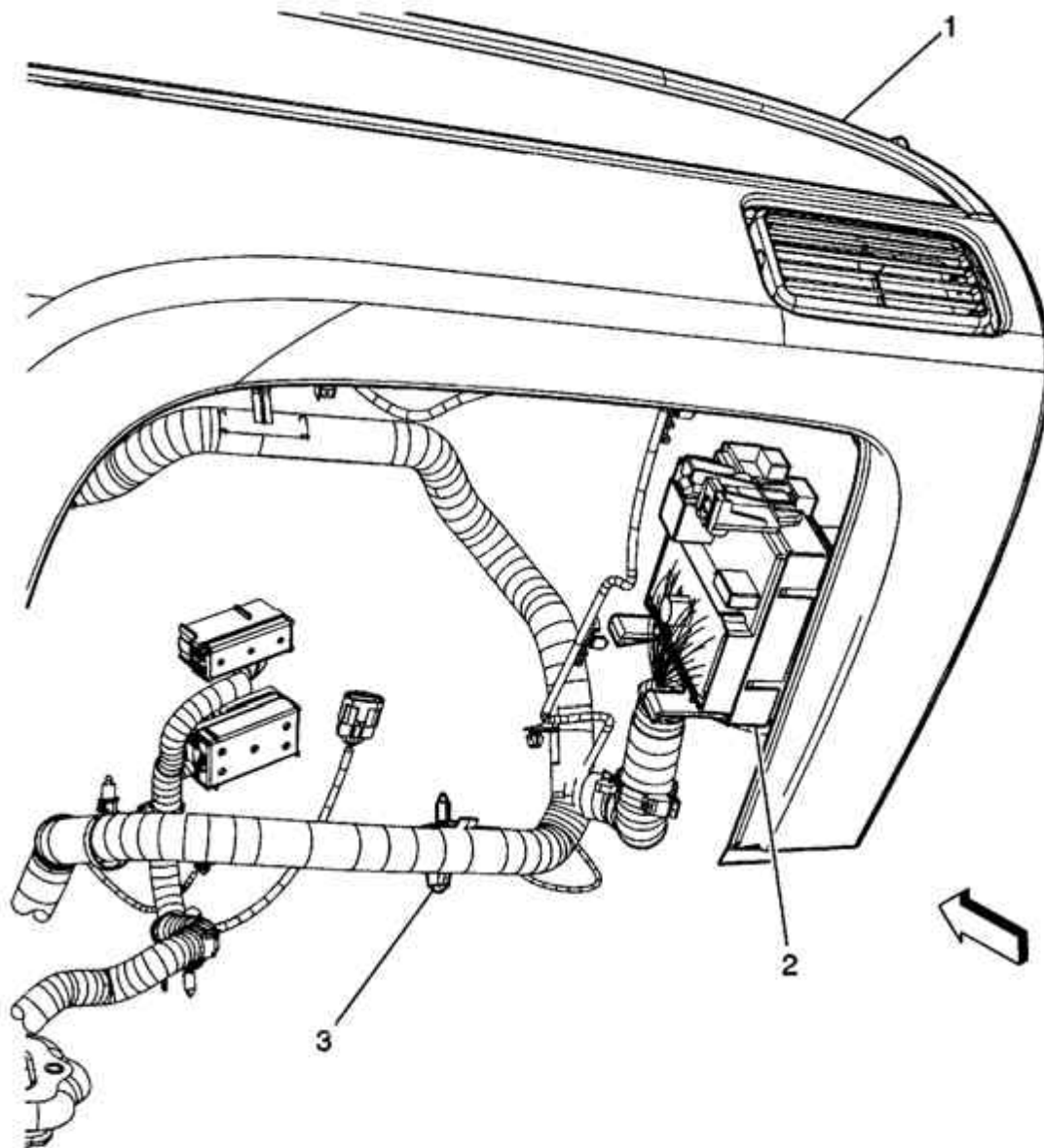
Fig. 35: Front Radiator Grille
Courtesy of GENERAL MOTORS CORP.



- | | |
|--|--|
| (1) Rear Window Defogger Grid | (12) Object Sensor - LR Middle |
| (2) Center High Mounted Stop Lamp (CHMSL) | (13) Object Sensor - LR Corner |
| (3) Backup Lamp - Right | (14) Tail Lamp - Left Lower |
| (4) Tail Lamp - Right Upper | (15) Marker Lamp - Left |
| (5) Tail / Stop and Turn Signal Lamp - Right | (16) Tail / Stop and Turn Signal Lamp - Left |
| (6) Marker Lamp - Right | (17) Backup Lamp - Left |
| (7) Tail Lamp - Right Lower | (18) Tail Lamp - Left Upper |
| (8) Object Sensor - RR Corner | |
| (9) Object Sensor --RR Middle | |
| (10) License Lamp - Right | |
| (11) License Lamp - Left | |

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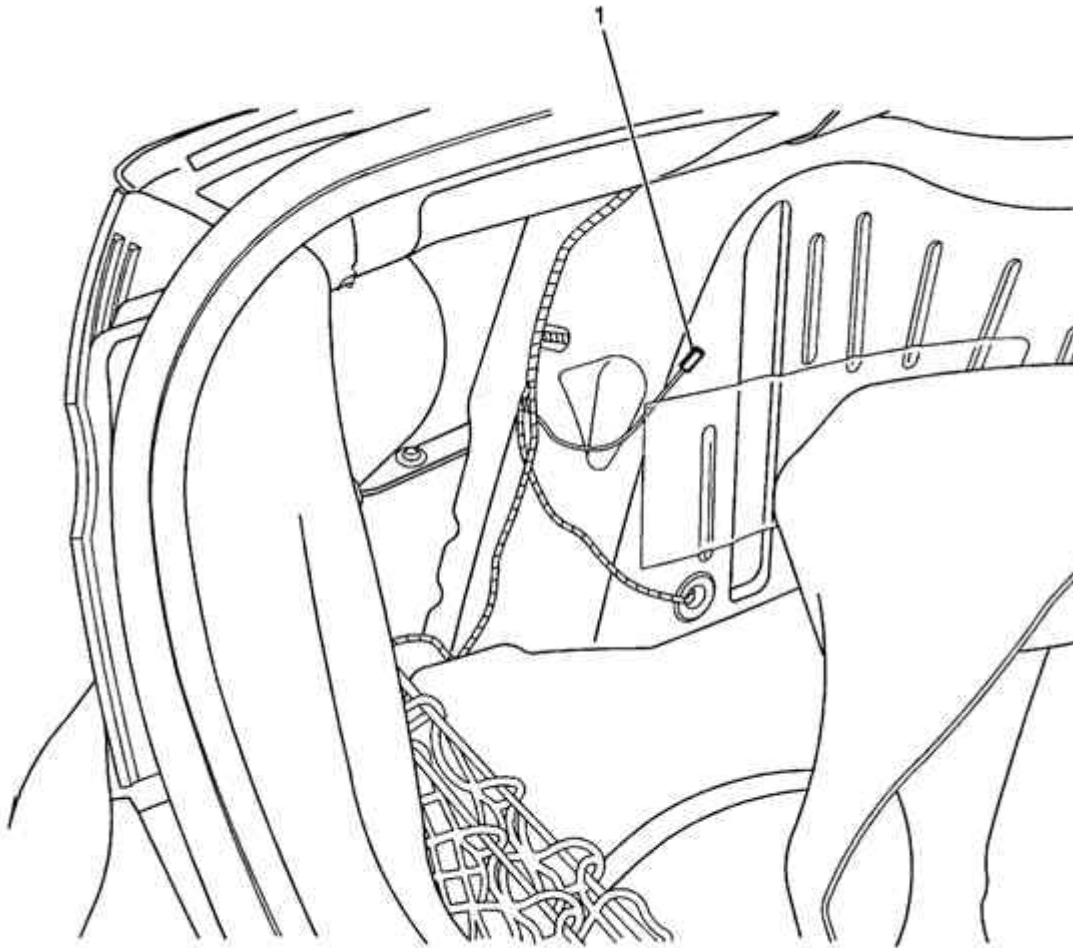
Fig. 36: Rear Of Vehicle
Courtesy of GENERAL MOTORS CORP.



- (1) Instrument Panel
- (2) Fuse Block - I/P
- (3) I/P Courtesy Lamp - Right

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Fig. 37: Right Side Of Dash
Courtesy of GENERAL MOTORS CORP.



(1) Rear Parking Assist (RPA) Diagnostic Connector

G00364232

Fig. 38: Left Side Of Trunk
Courtesy of GENERAL MOTORS CORP.

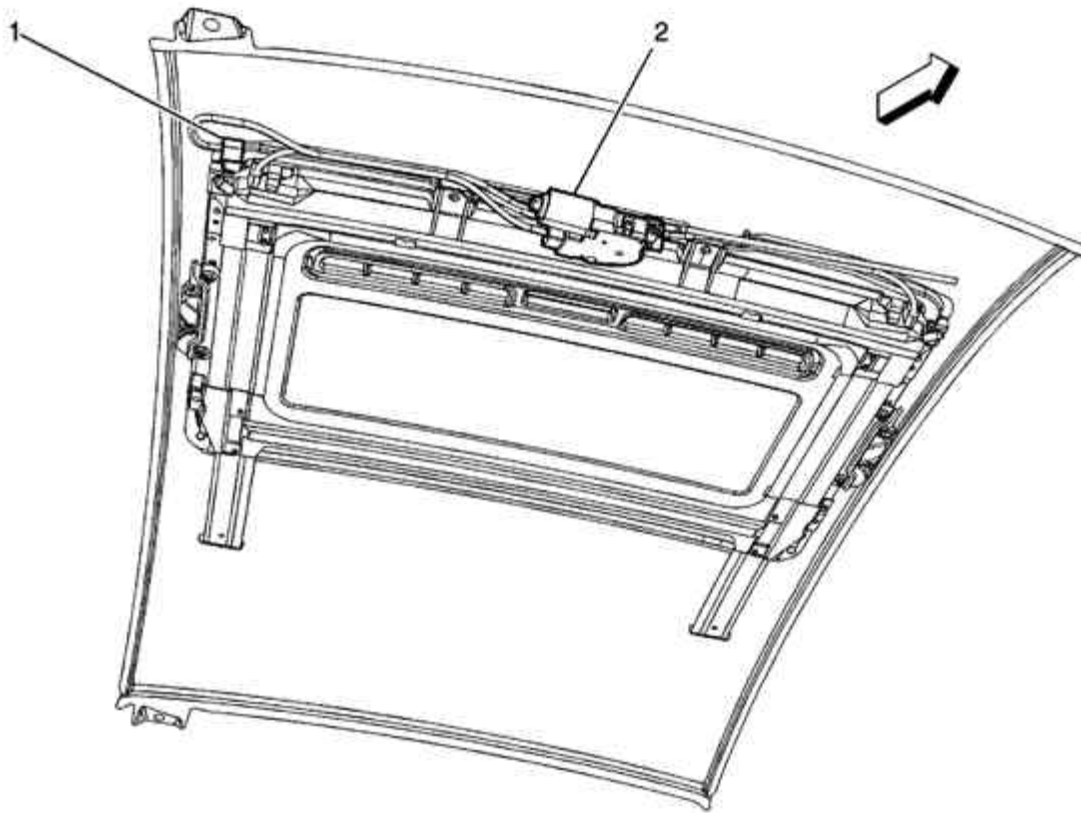
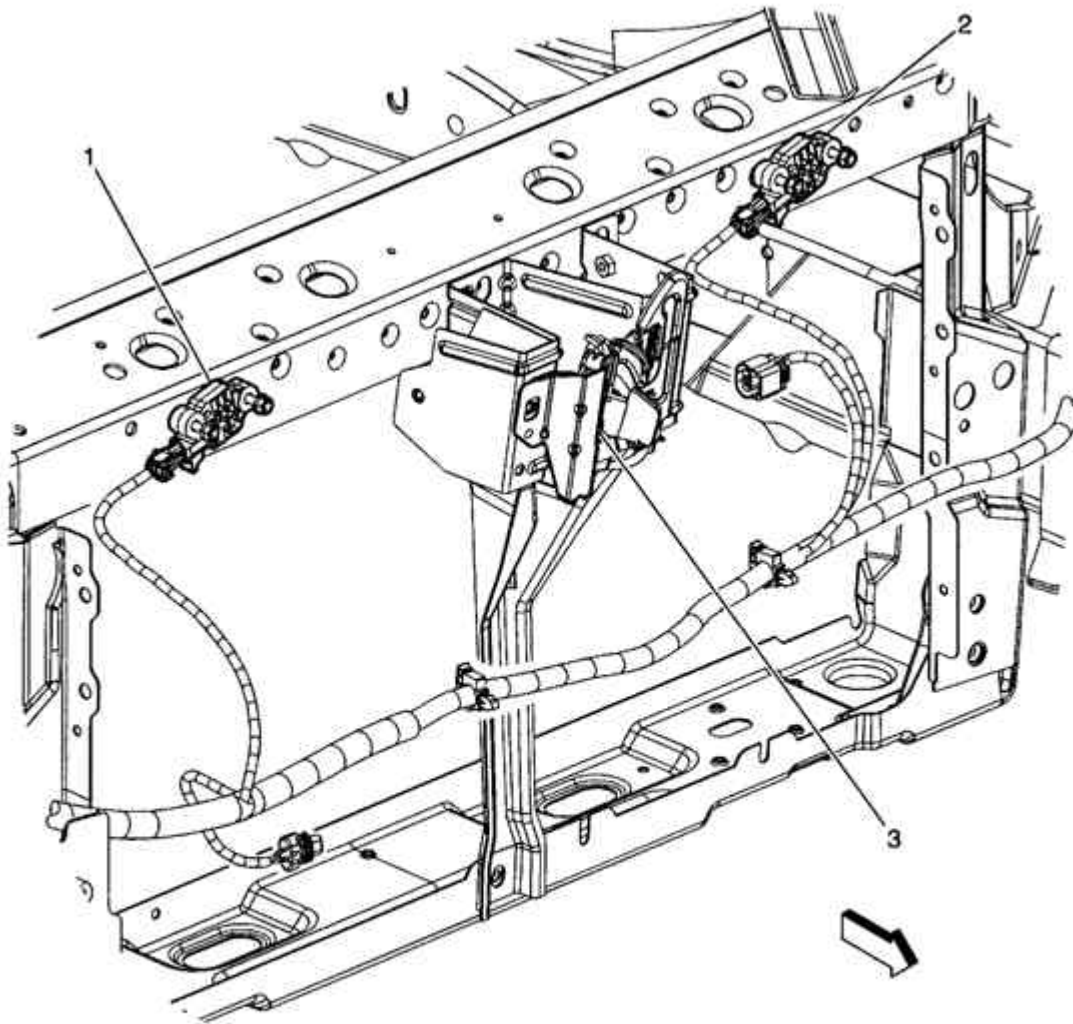


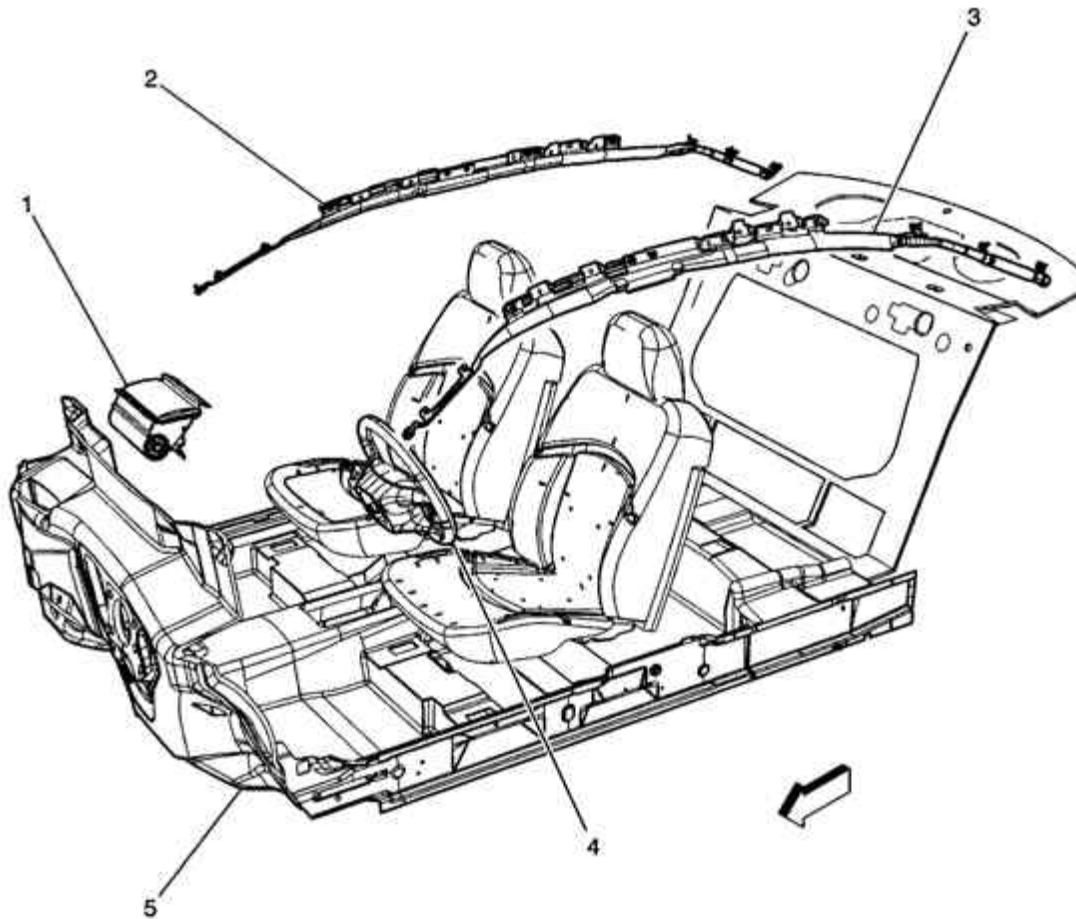
Fig. 39: Power Roof Components
Courtesy of GENERAL MOTORS CORP.



- (1) Inflatable Restraint Front End Sensor - Right
- (2) Inflatable Restraint Front End Sensor - Left
- (3) Hood Ajar Switch (AP3)

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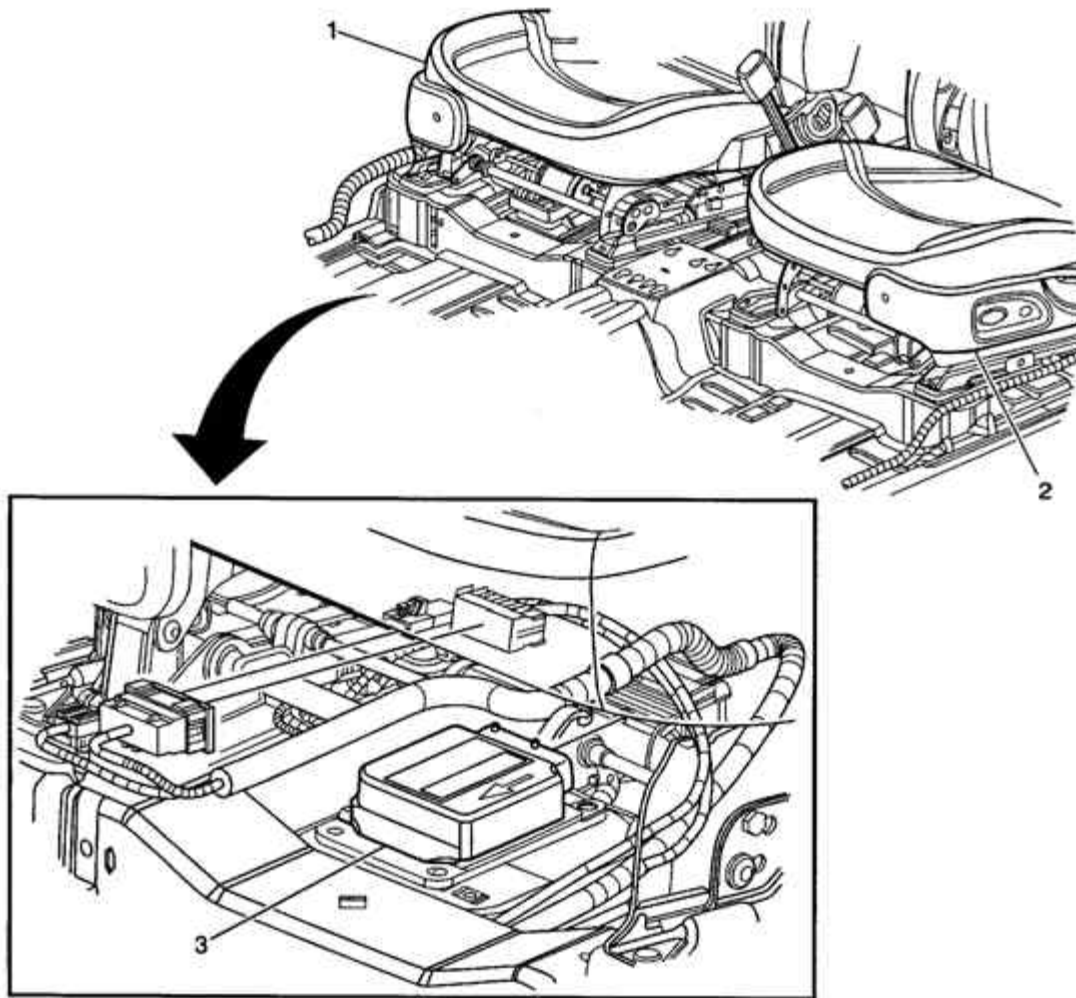
Fig. 40: Front Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.



- (1) Inflatable Restraint I/P Module
- (2) Inflatable Restraint Roof Rail Module - Right (AY1)
- (3) Inflatable Restraint Roof Rail Module - Left (AY1)
- (4) Inflatable Restraint Steering Wheel Module
- (5) Floor Panel

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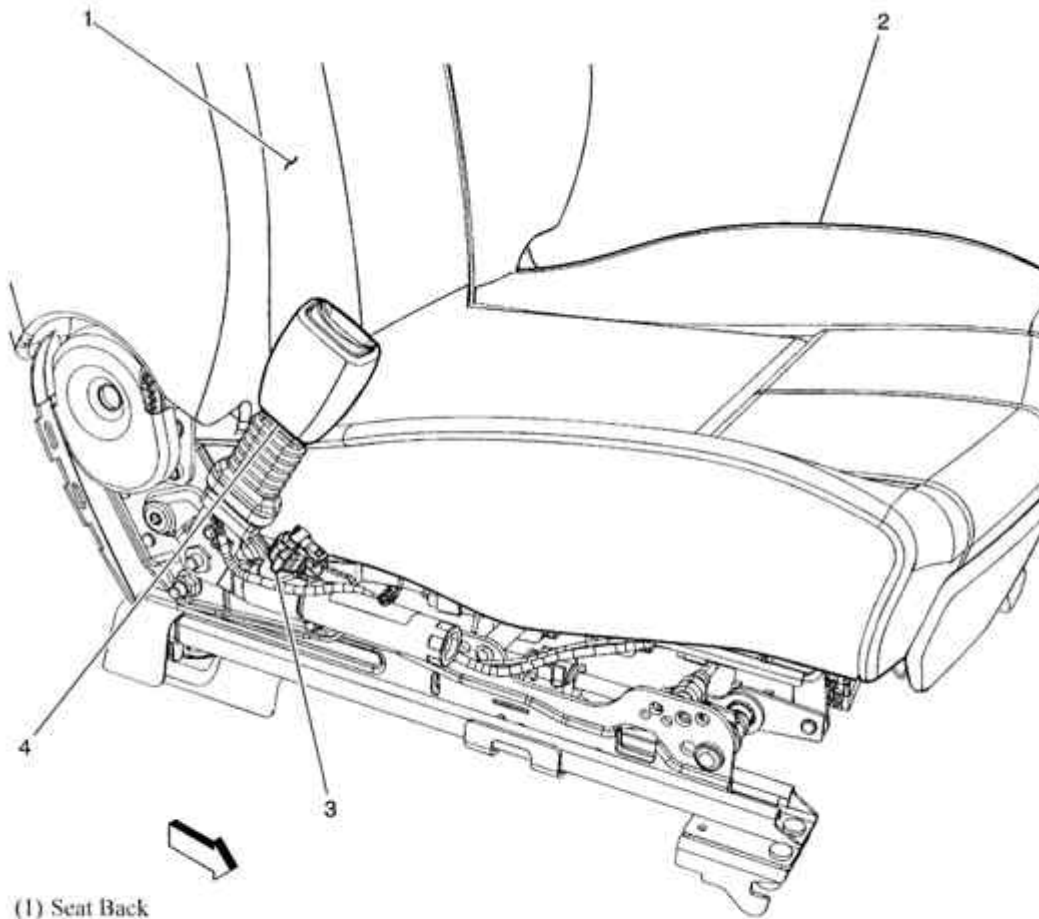
Fig. 41: Vehicle Overview
Courtesy of GENERAL MOTORS CORP.



- (1) Front Passenger Seat
- (2) Driver Seat
- (3) Inflatable Restraint Sensing and Diagnostic Module (SDM)

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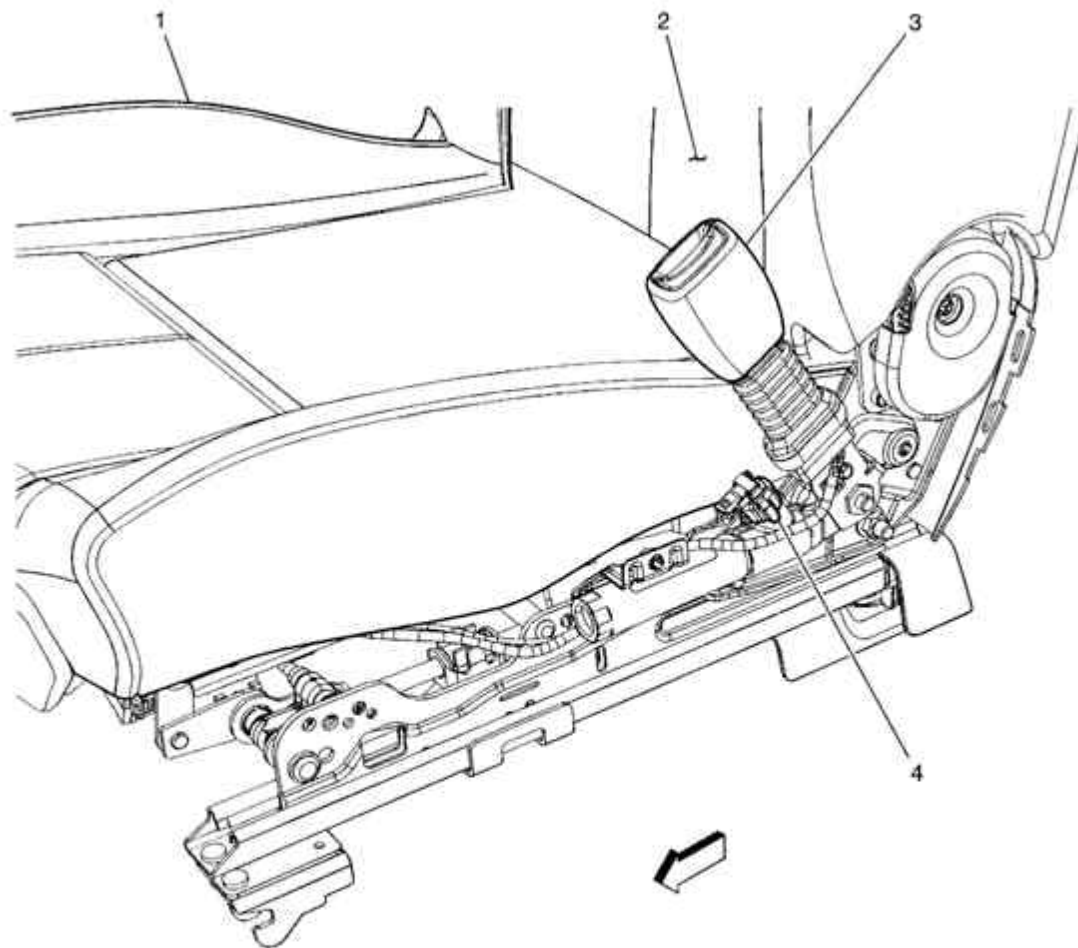
Fig. 42: Under Front Passenger's Seat
Courtesy of GENERAL MOTORS CORP.



- (1) Seat Back
- (2) Seat Cushion
- (3) Inflatable Restraint Seat Belt Pretensioner - LF
- (4) Seat Belt Switch - LF

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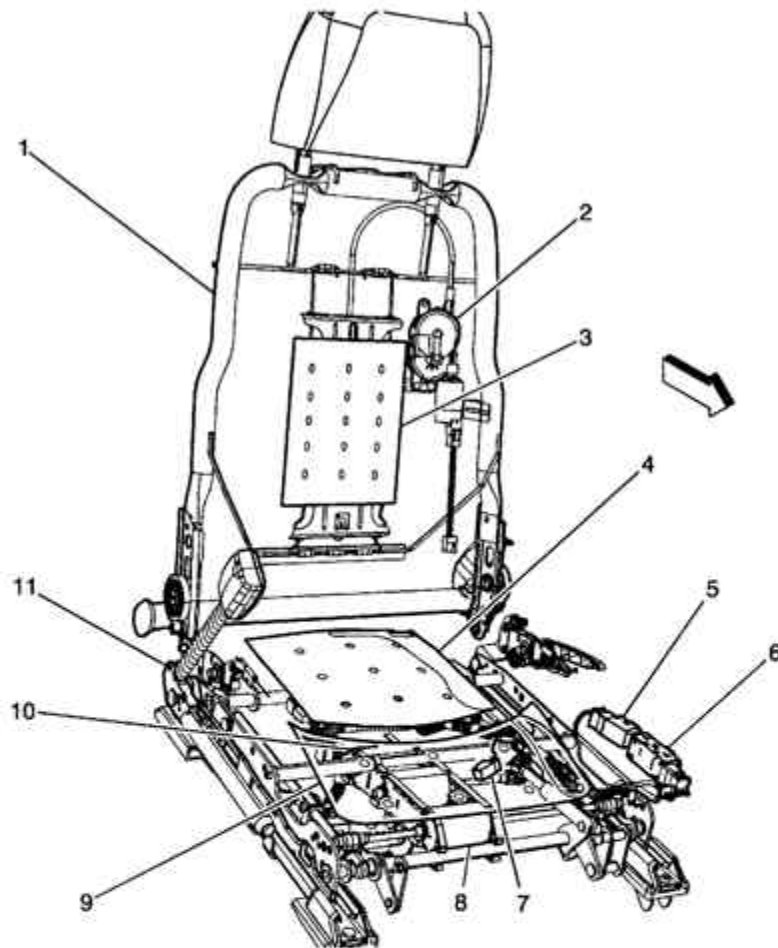
Fig. 43: Left Front Seat Assembly
Courtesy of GENERAL MOTORS CORP.



- (1) Seat Cushion
- (2) Seat Back
- (3) Seat Belt Switch - RF
- (4) Inflatable Restraint Seat Belt Pretensioner - RF

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Fig. 44: Right Front Seat Assembly
Courtesy of GENERAL MOTORS CORP.



- (1) Seat Frame
- (2) Seat Lumbar Motor - Driver (AL9)
- (3) Heated Seat Element - Driver Back
- (4) Heated Seat Element - Driver Cushion
- (5) Seat Lumbar Switch - Driver (AL9)
- (6) Seat Adjuster Switch - Driver
- (7) Heated Seat Relay
- (8) Horizontal Motor (part of the Adjuster Assembly)
- (9) Front Vertical Motor (part of the Adjuster Assembly)
- (10) Rear Vertical Motor (part of the Adjuster Assembly)
- (11) Seat Belt Pretensioner - Left

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Fig. 45: Driver's Seat
Courtesy of GENERAL MOTORS CORP.

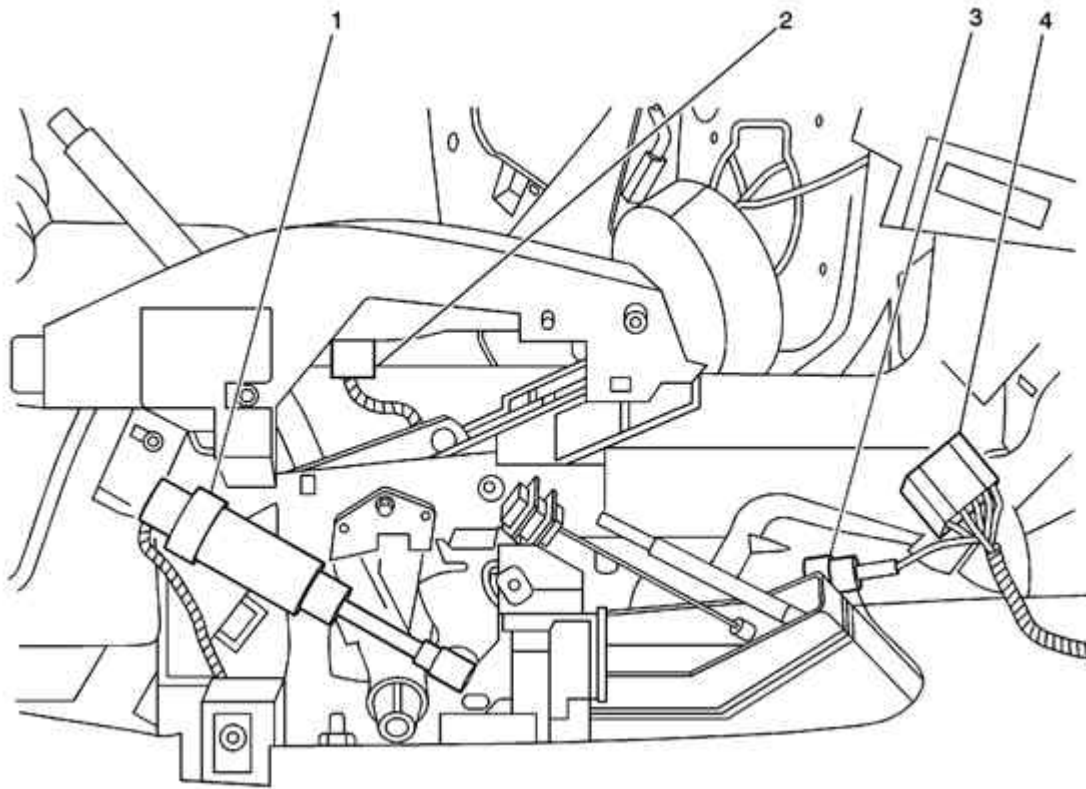
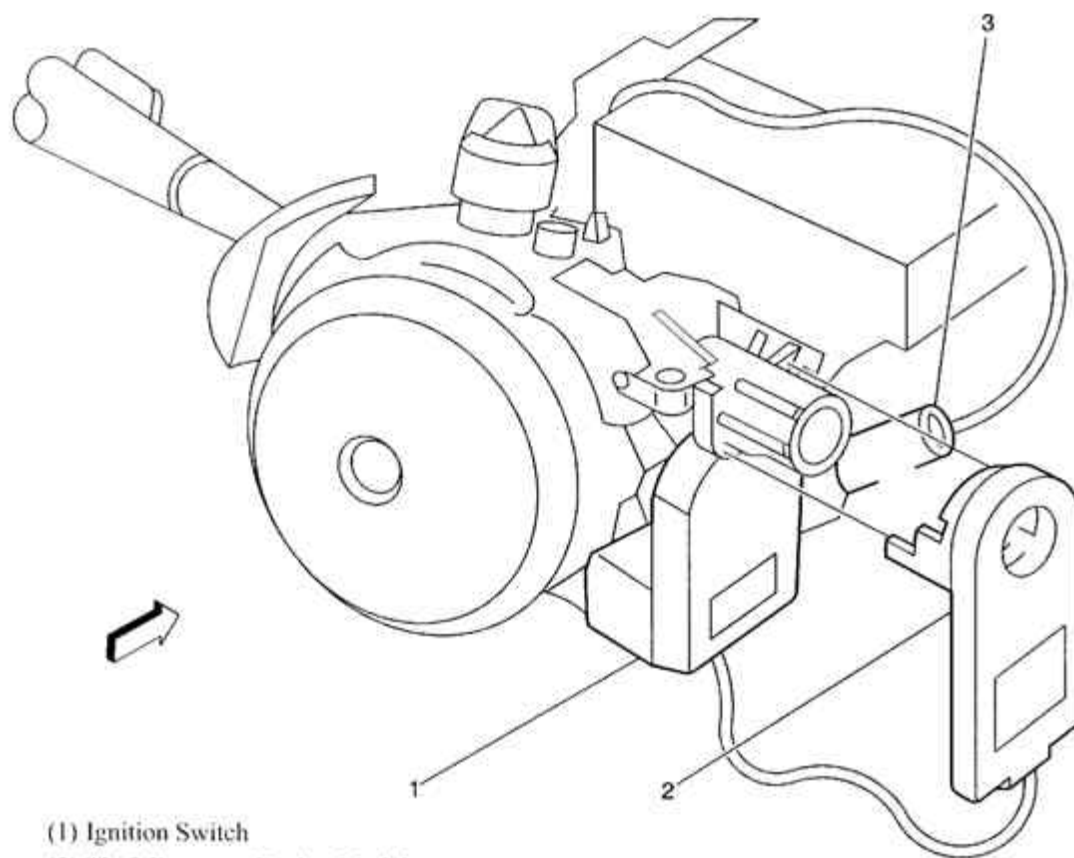


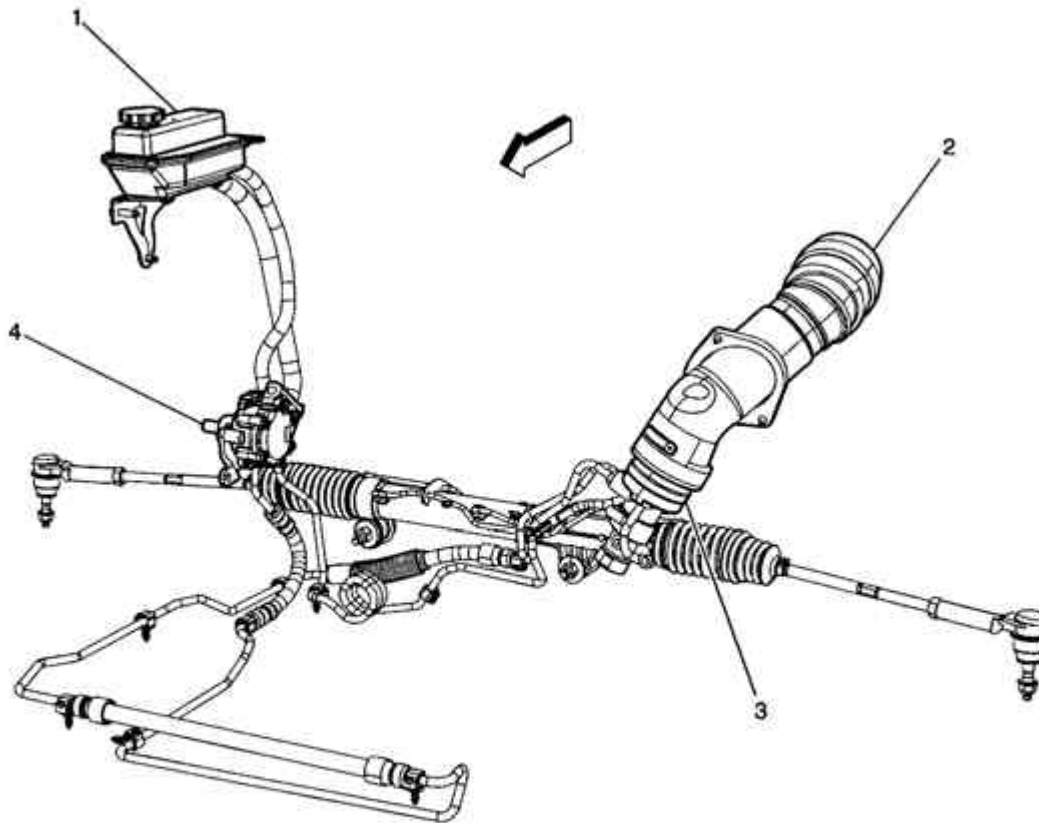
Fig. 46: Center Console
Courtesy of GENERAL MOTORS CORP.



- (1) Ignition Switch
- (2) Theft Deterrent Exciter Module
- (3) Ignition lock Cylinder Control Actuator

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Fig. 47: Top Of Steering Column
Courtesy of GENERAL MOTORS CORP.



- (1) Power Steering Reservoir
- (2) Steering Column Shaft Cover
- (3) MagnaSteer® Actuator
- (4) Power Steering Pump

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Fig. 48: Power Steering Assembly
Courtesy of GENERAL MOTORS CORP.

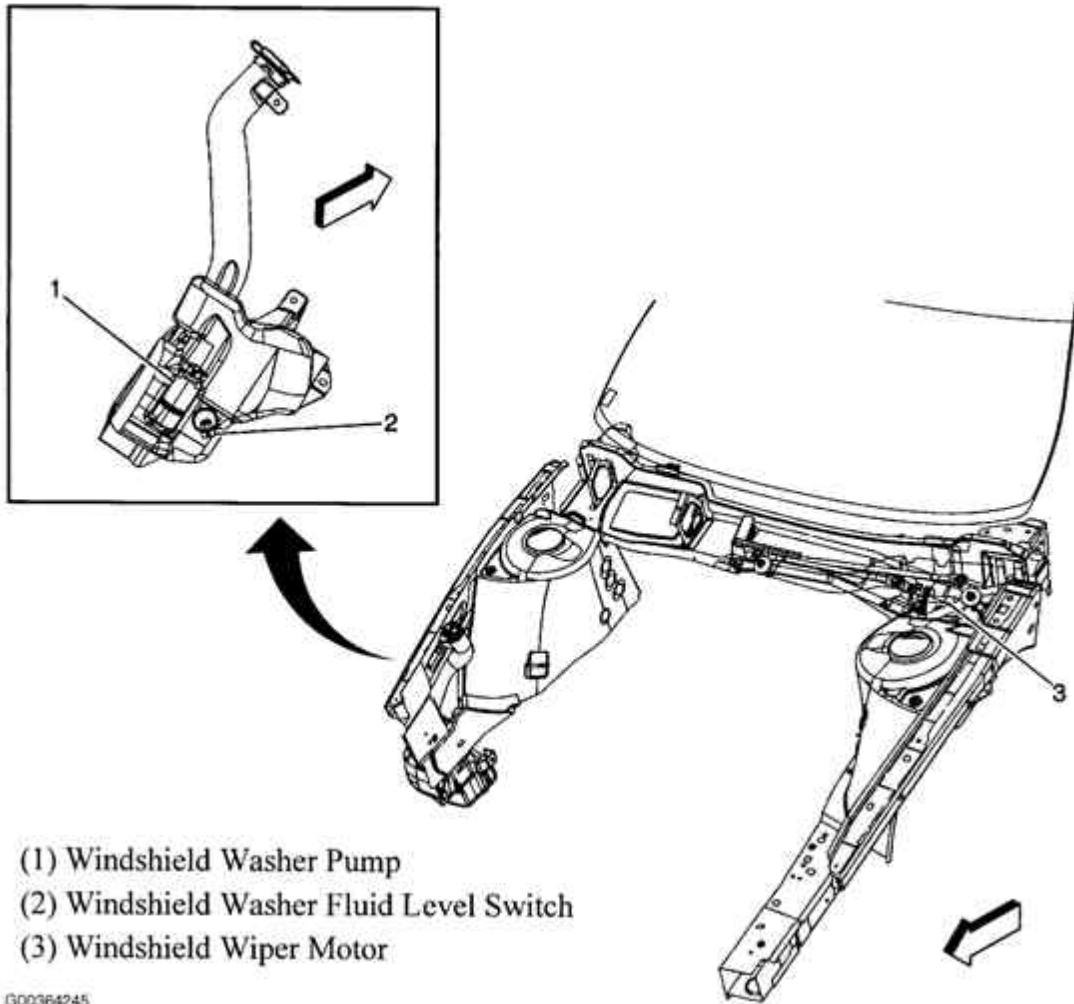
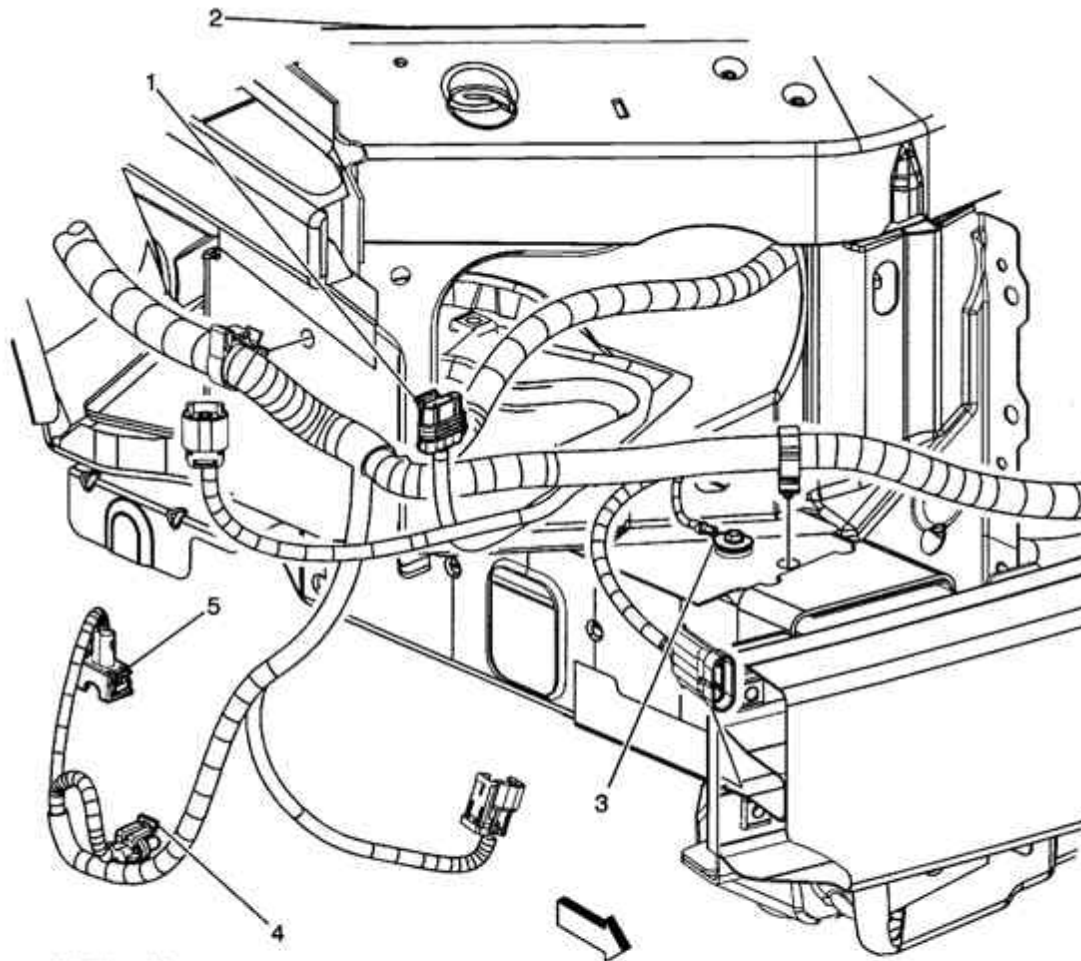


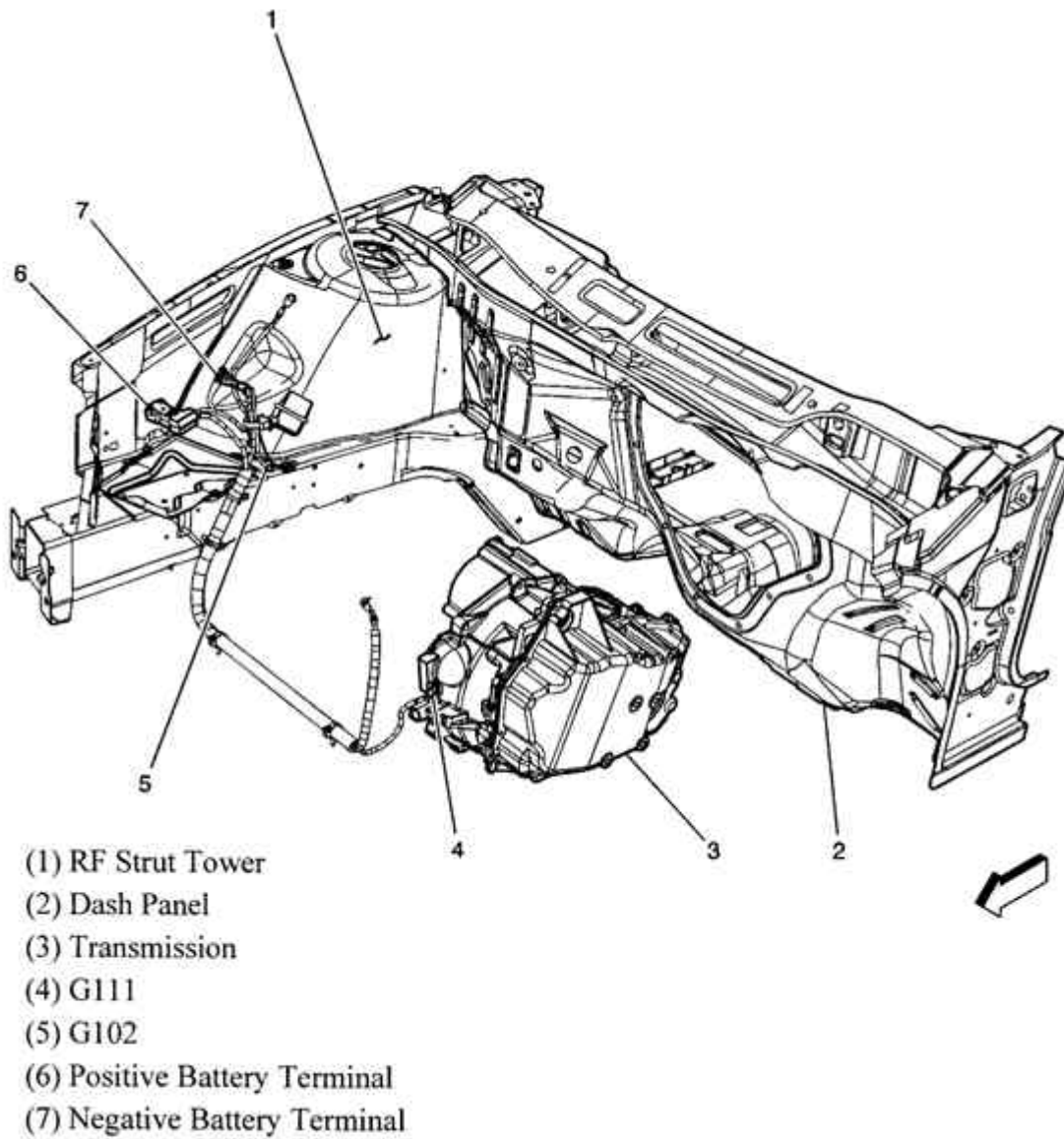
Fig. 49: Wiper/Washer System Component Views
Courtesy of GENERAL MOTORS CORP.



- (1) Headlamp Connector
- (2) Core Support - RF
- (3) G100
- (4) Washer Level Sensor Connector
- (5) Washer Pump Connector

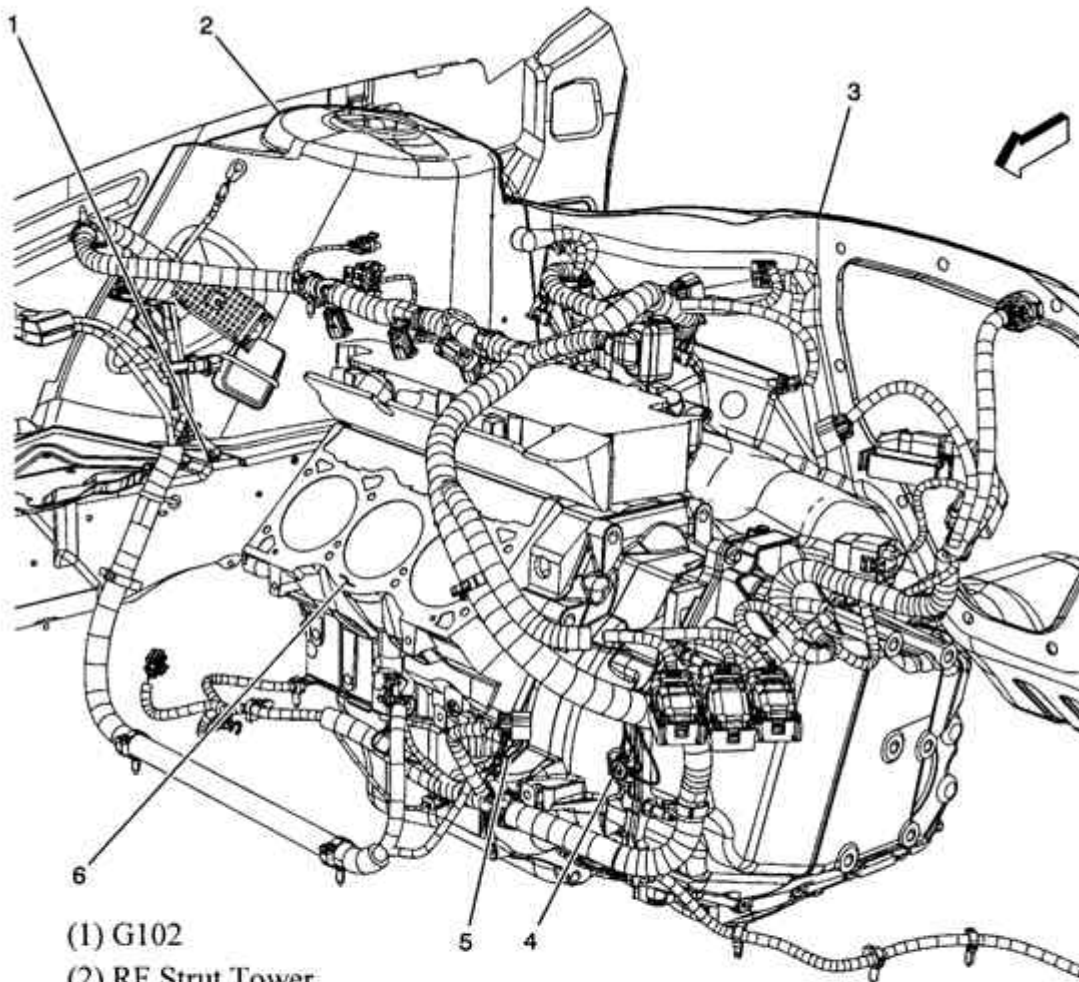
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Fig. 50: Right Side Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.



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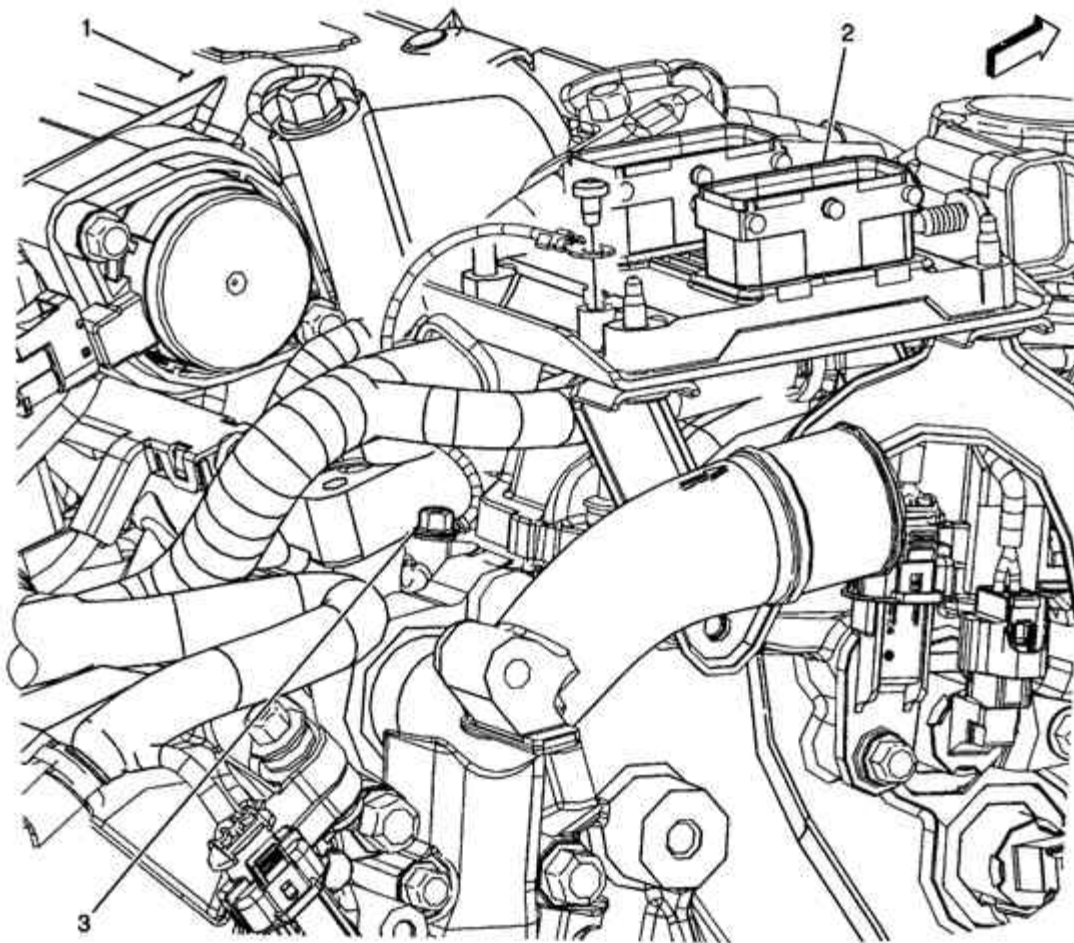
Fig. 51: Engine Compartment
Courtesy of GENERAL MOTORS CORP.



- (1) G102
- (2) RF Strut Tower
- (3) Dash Panel
- (4) G115
- (5) G111
- (6) Engine Block

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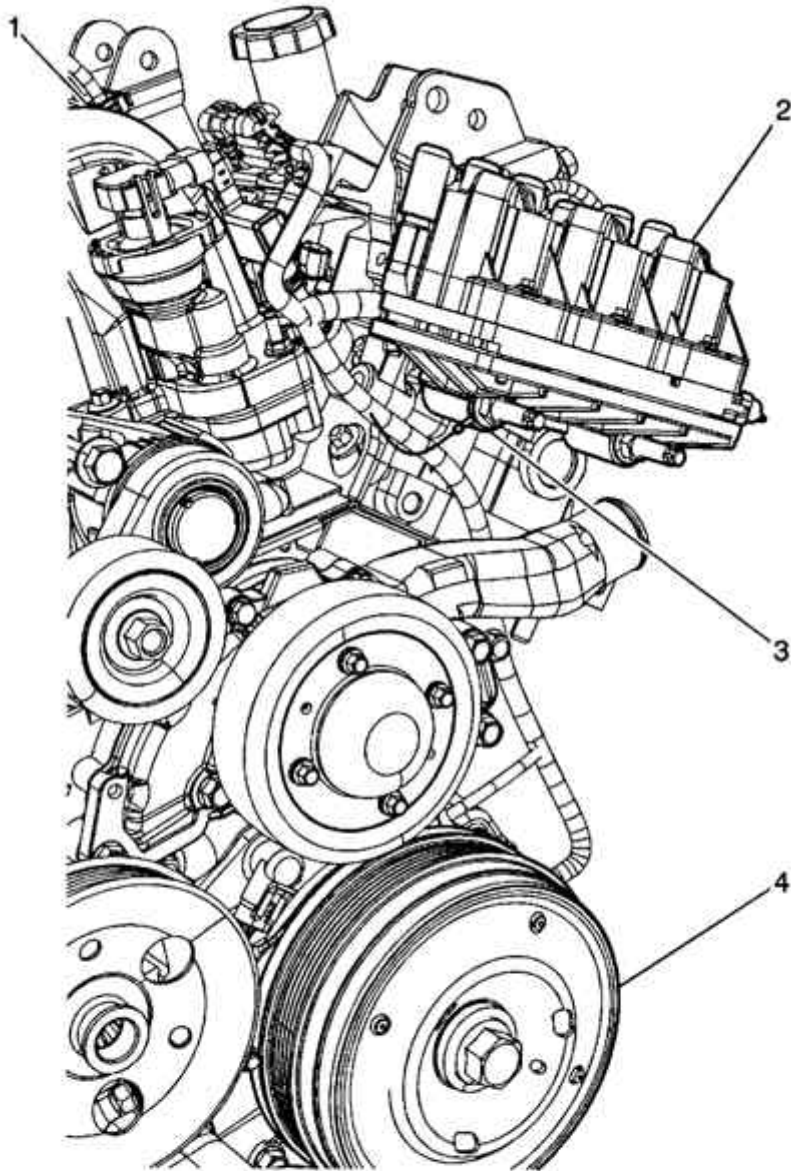
Fig. 52: Engine/Transmission Assembly
Courtesy of GENERAL MOTORS CORP.



- (1) Engine
- (2) Engine Control Module (ECM)
- (3) G103

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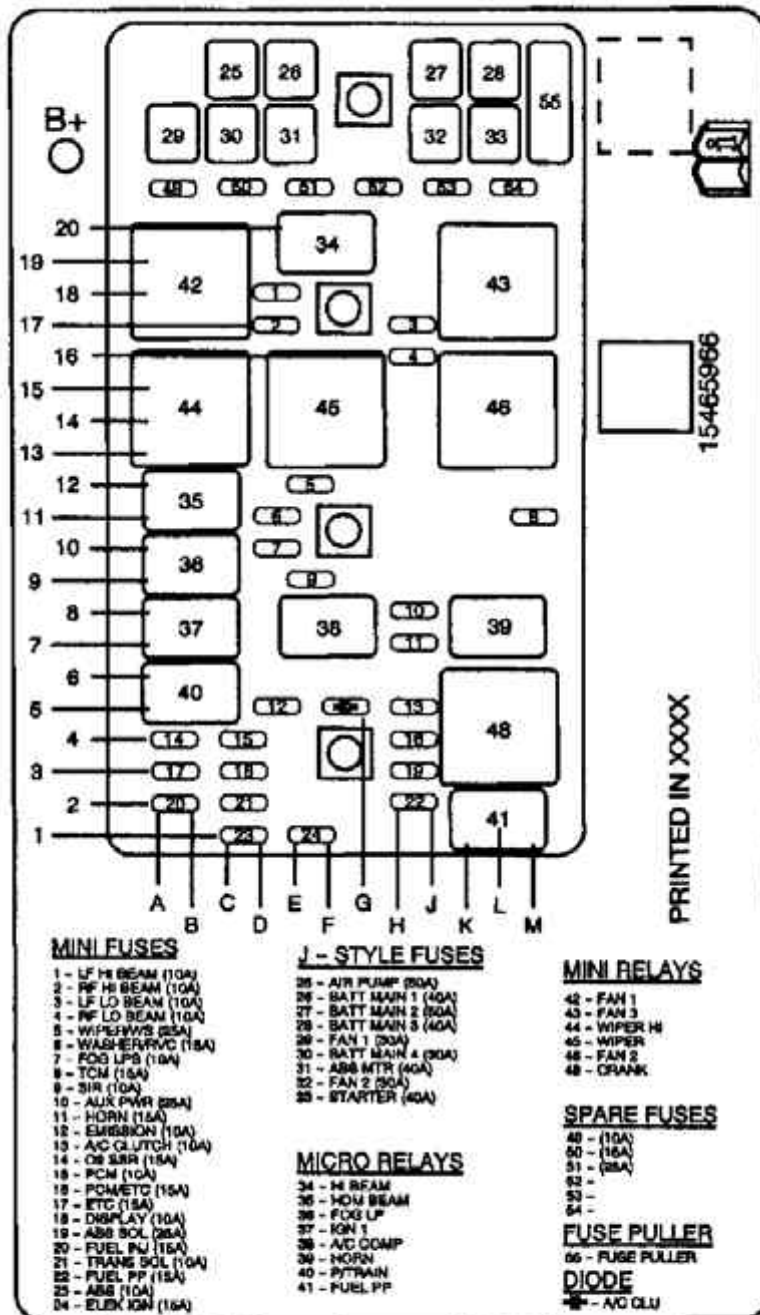
Fig. 53: Engine Assembly (3.6L)
Courtesy of GENERAL MOTORS CORP.



- (1) Intake Manifold
- (2) Ignition Control Module
- (3) G112
- (4) A/C Compressor Clutch

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Fig. 54: Front Of Engine (3.8L)
Courtesy of GENERAL MOTORS CORP.



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Fig. 55: Underhood Fuse Block (Except 5.3L)
 Courtesy of GENERAL MOTORS CORP.

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2008 GENERAL MOTORS LaCrosse

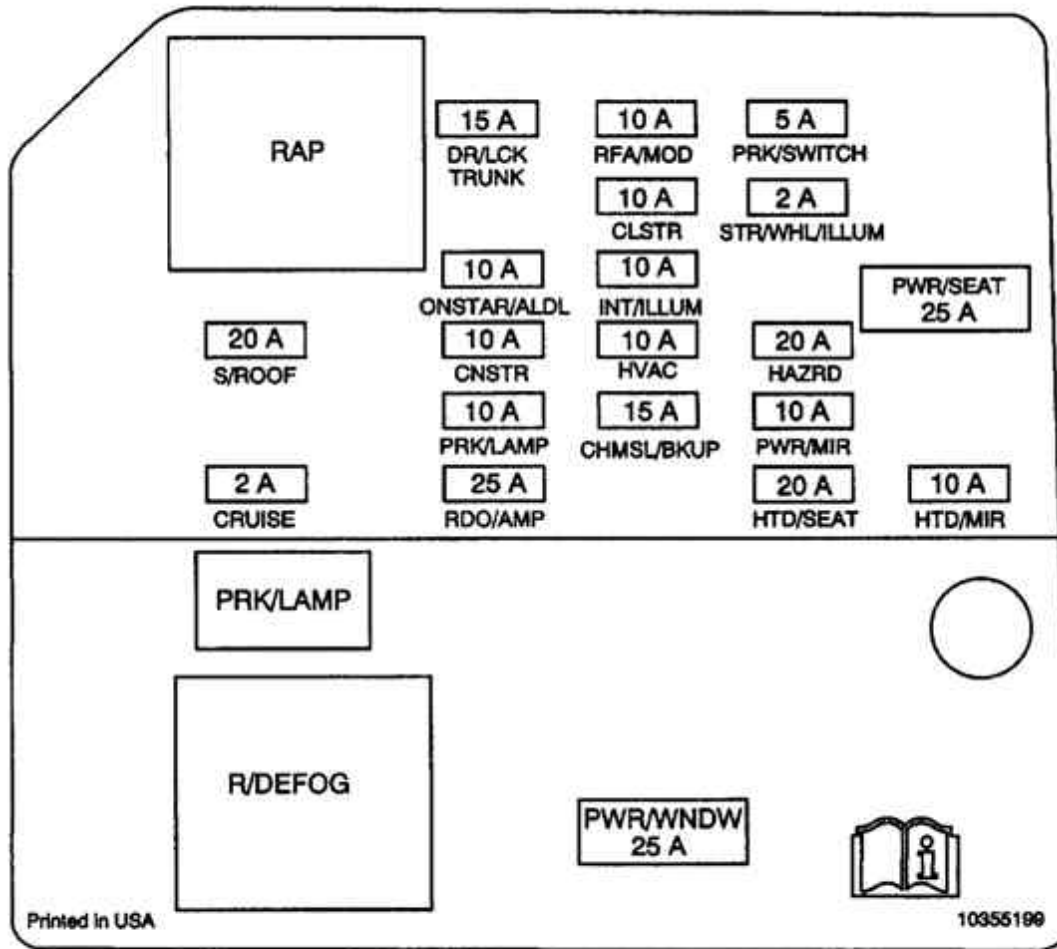


Fig. 56: I/P Fuse Block
Courtesy of GENERAL MOTORS CORP.

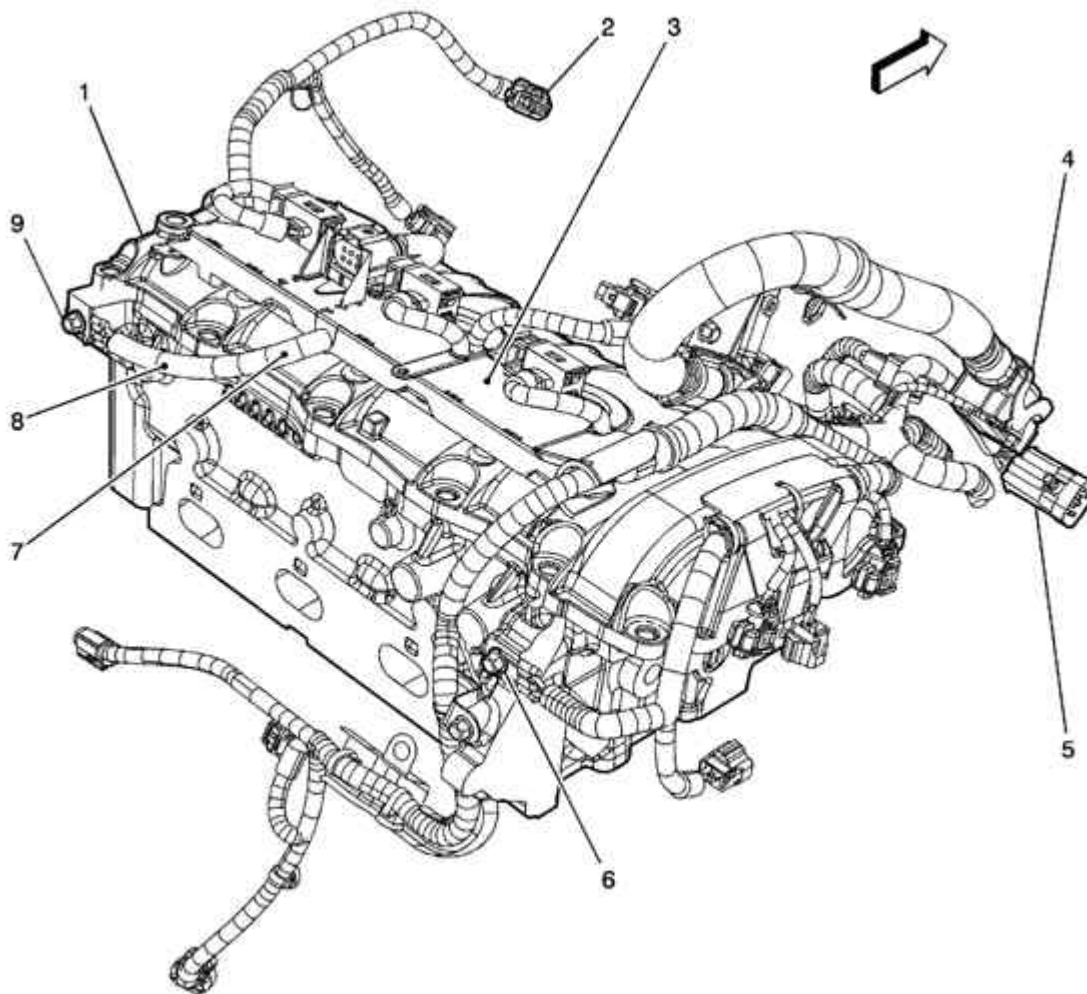
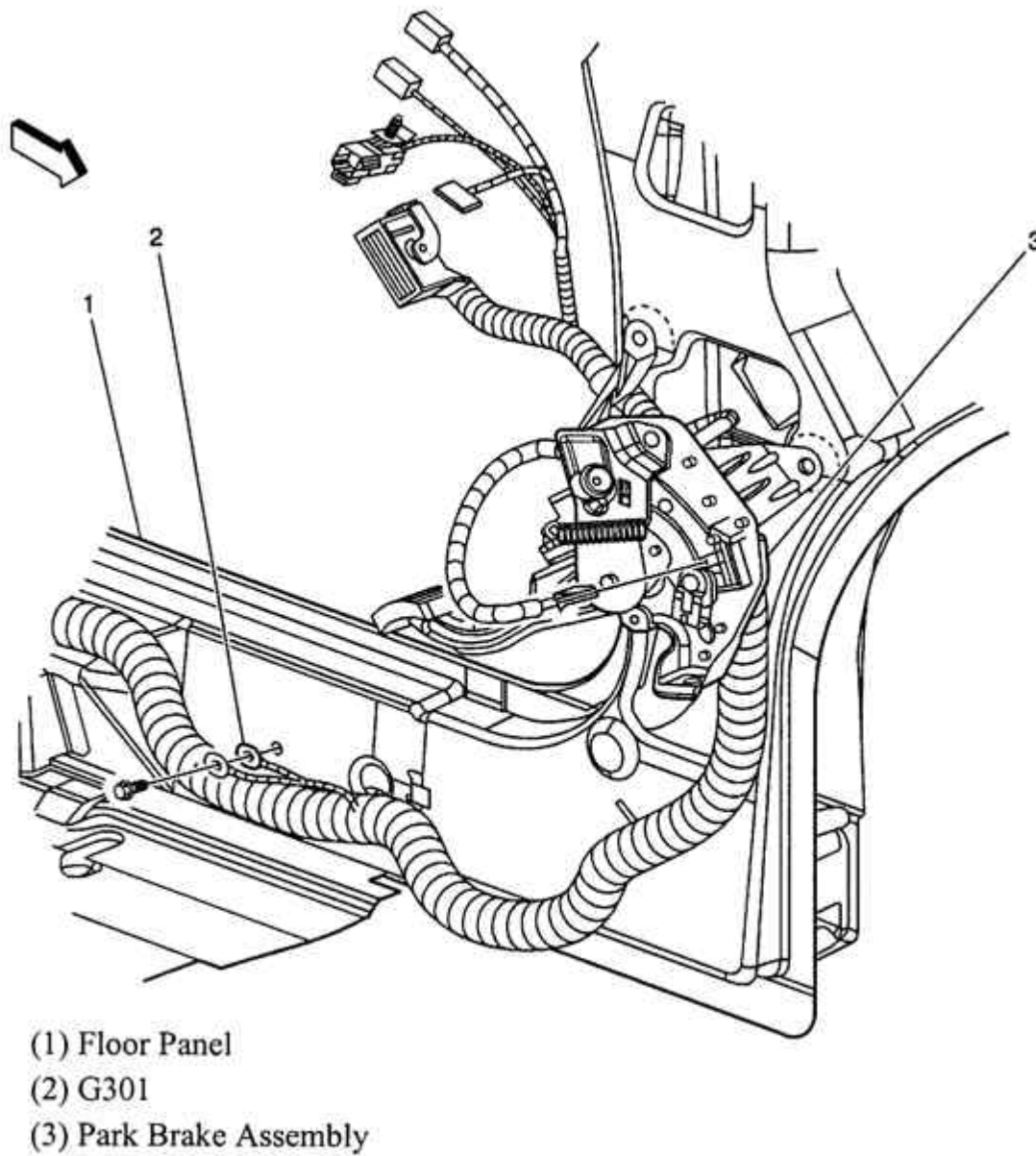


Fig. 57: Cylinder Head (3.6L)
Courtesy of GENERAL MOTORS CORP.



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Fig. 58: Left Kick Panel
Courtesy of GENERAL MOTORS CORP.

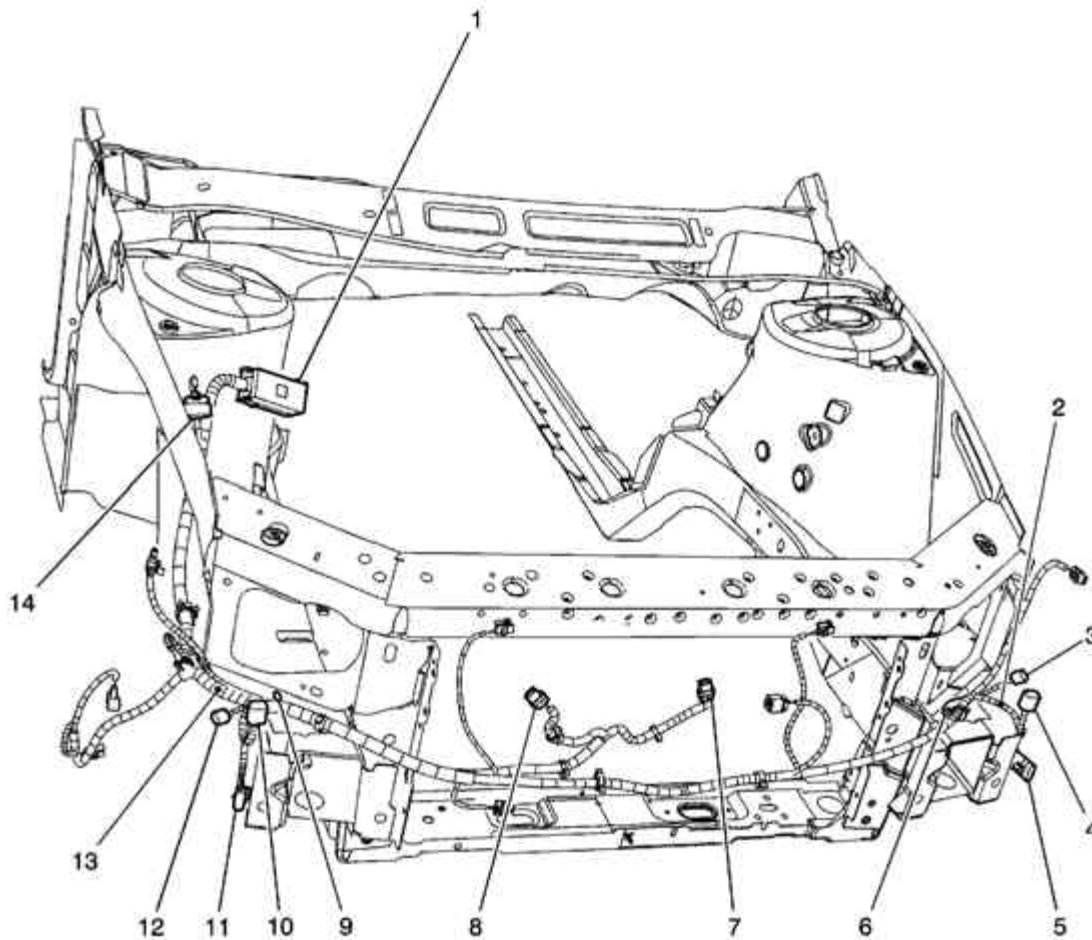


Fig. 59: Front Of Vehicle
Courtesy of GENERAL MOTORS CORP.

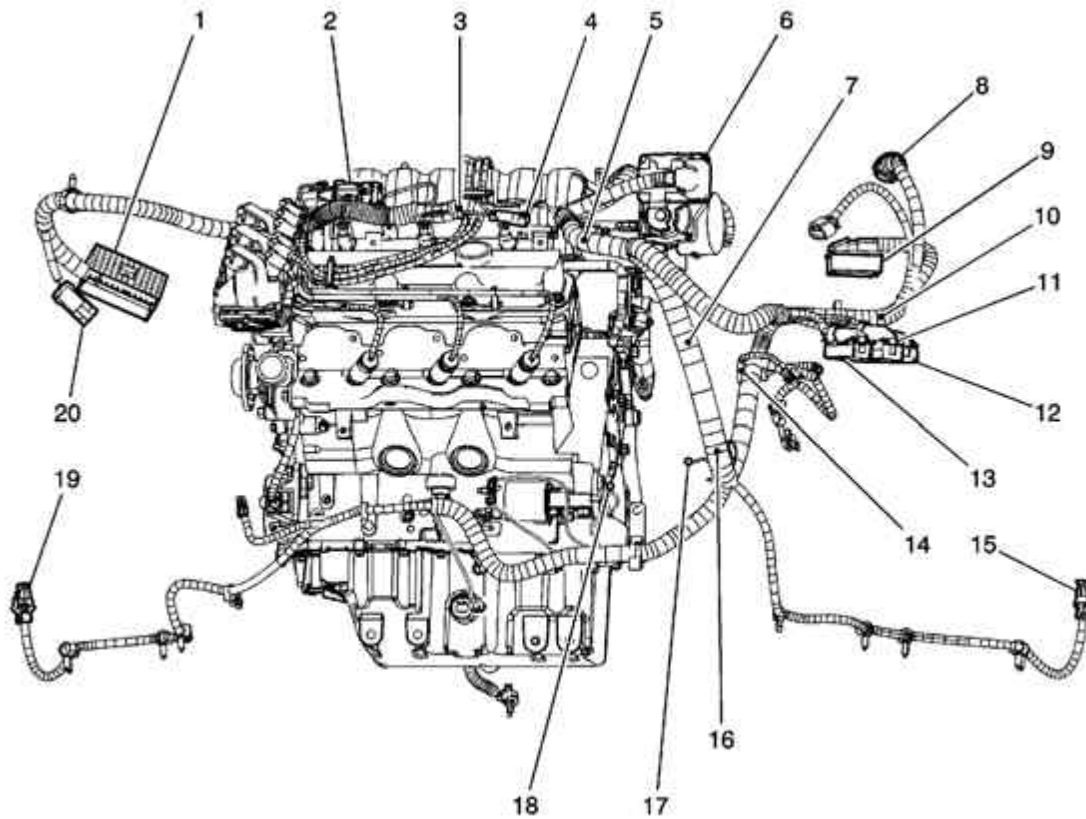


Fig. 60: Left Side Of Engine (3.6L)
Courtesy of GENERAL MOTORS CORP.

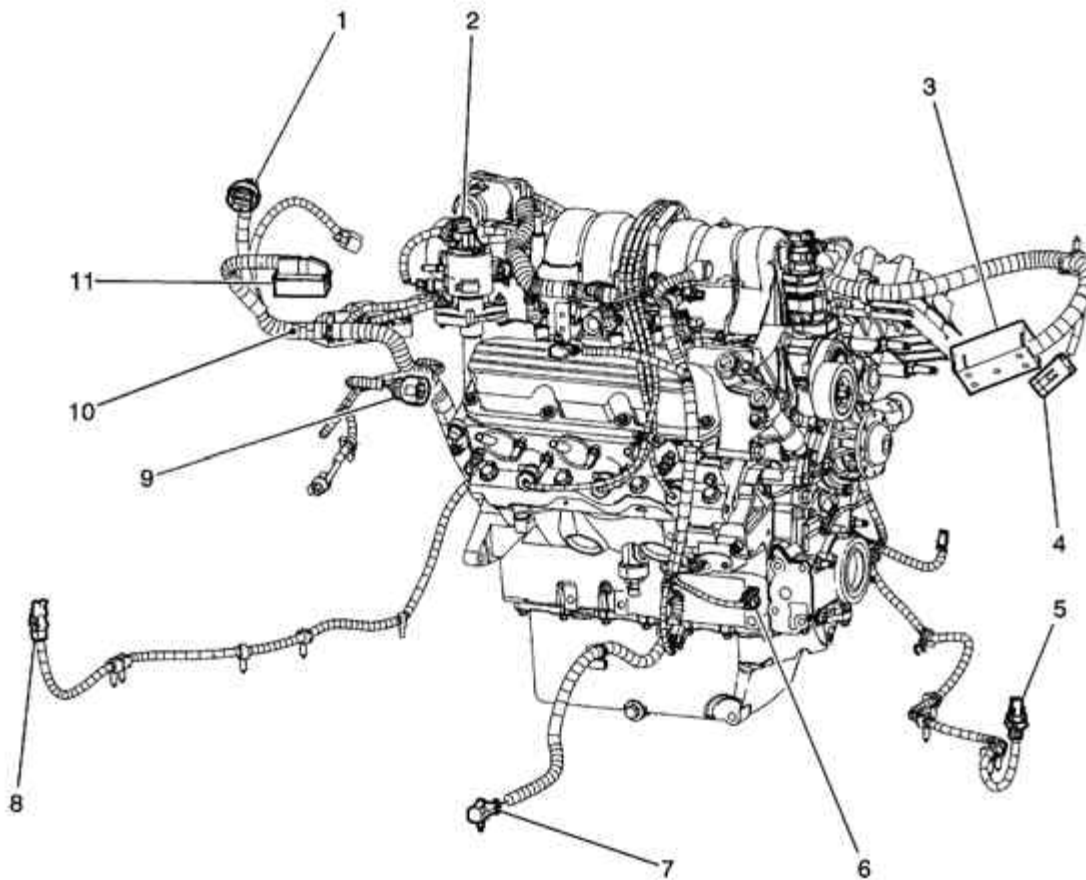


Fig. 61: Rear Of Engine (3.8L)
Courtesy of GENERAL MOTORS CORP.

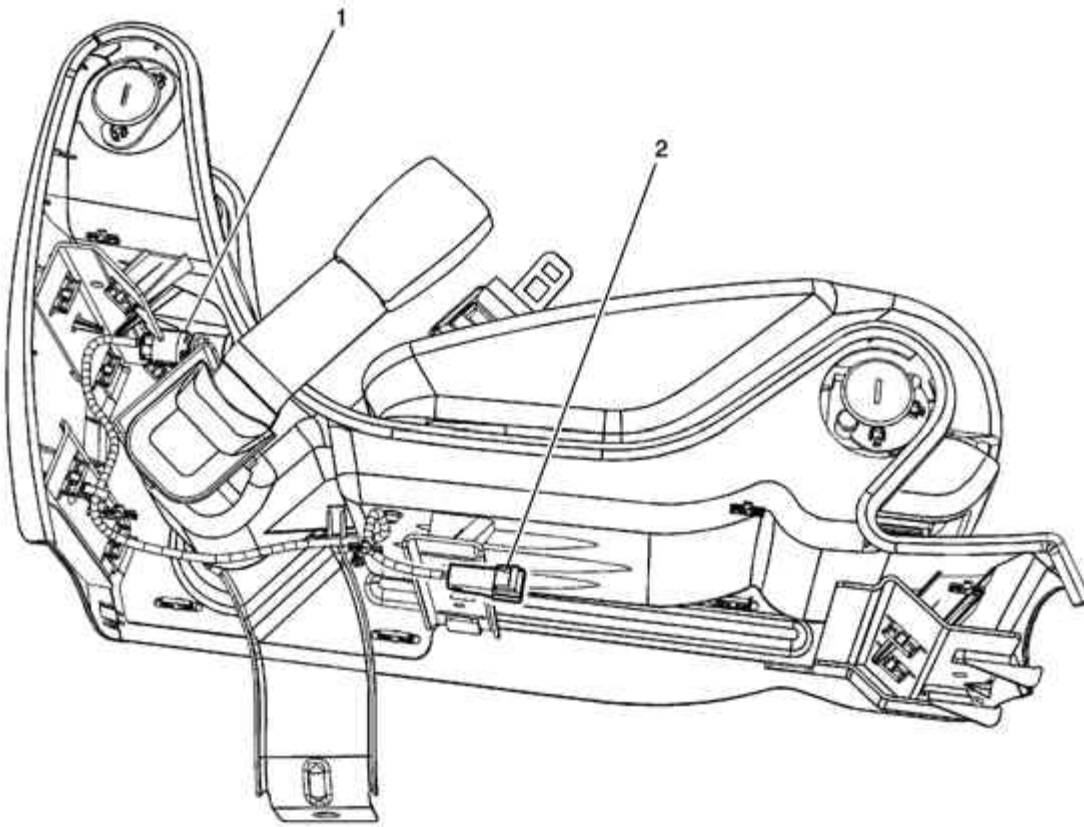


Fig. 62: Console Harness
Courtesy of GENERAL MOTORS CORP.

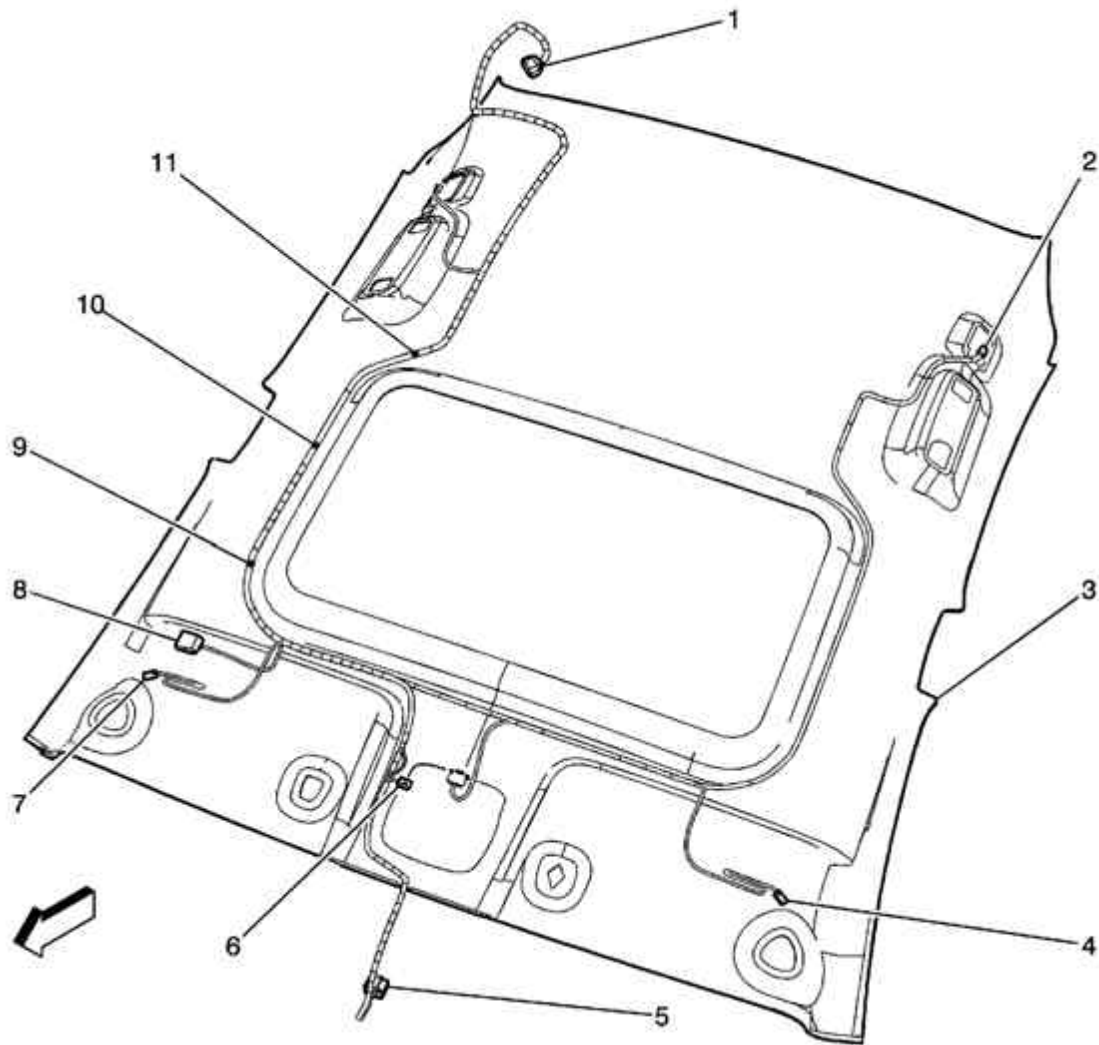


Fig. 63: Headliner Assembly
Courtesy of GENERAL MOTORS CORP.

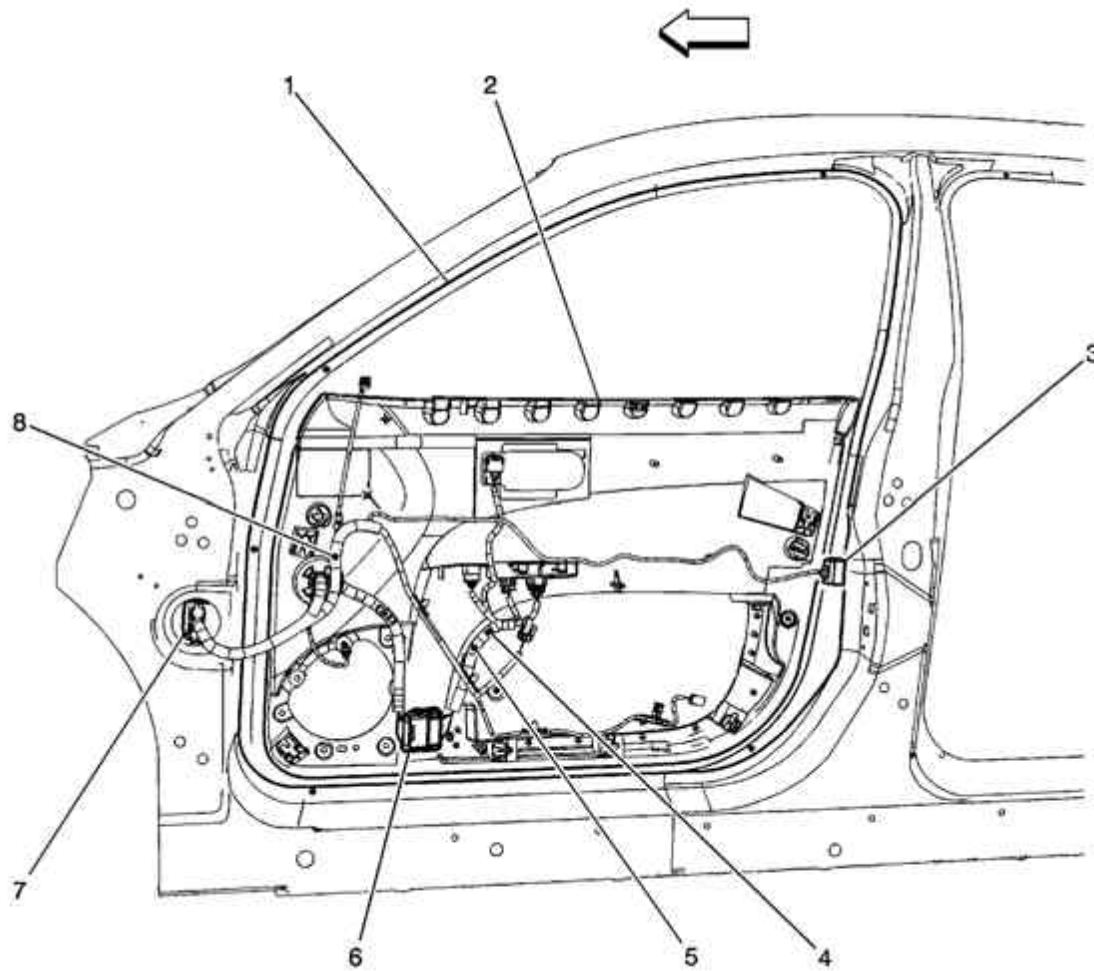


Fig. 64: Driver's Door
Courtesy of GENERAL MOTORS CORP.

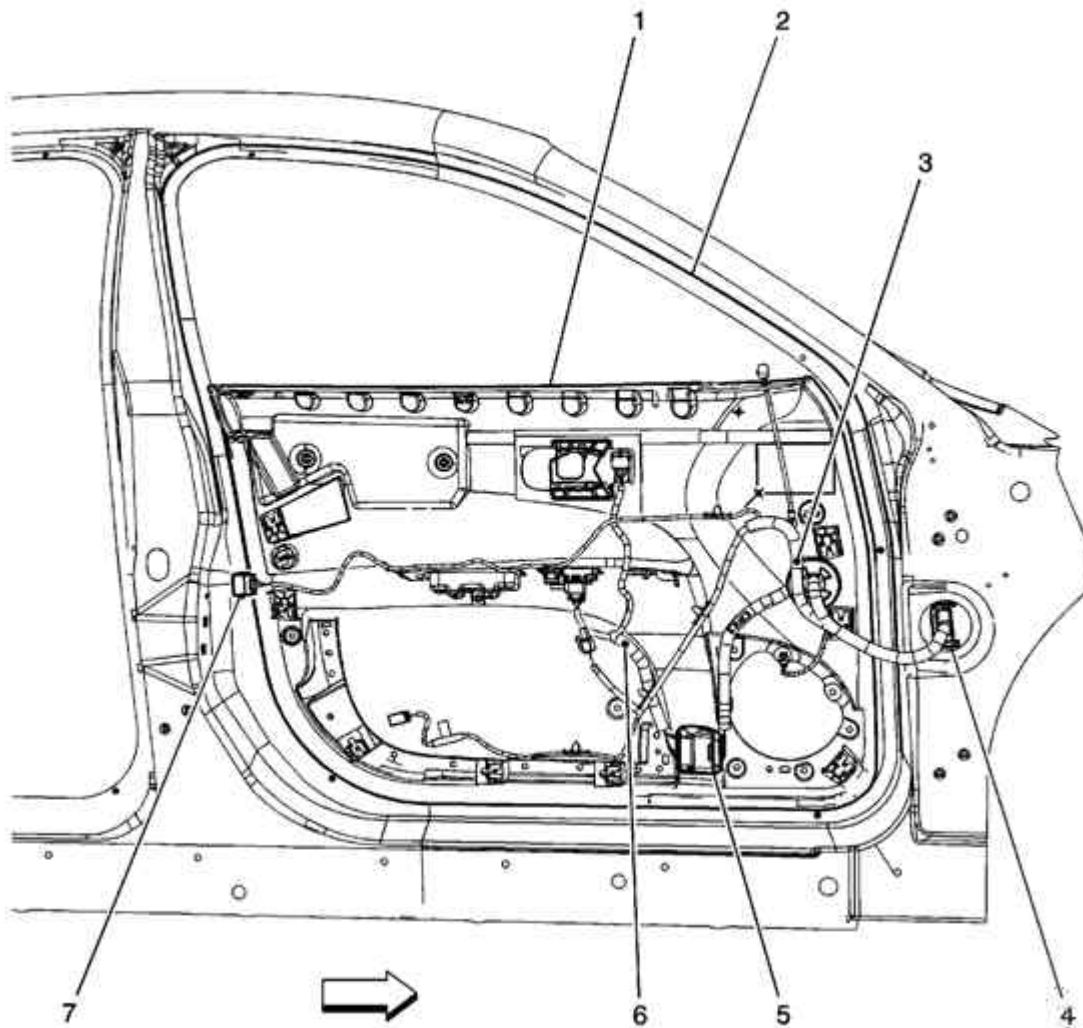


Fig. 65: Front Passenger's Door
Courtesy of GENERAL MOTORS CORP.

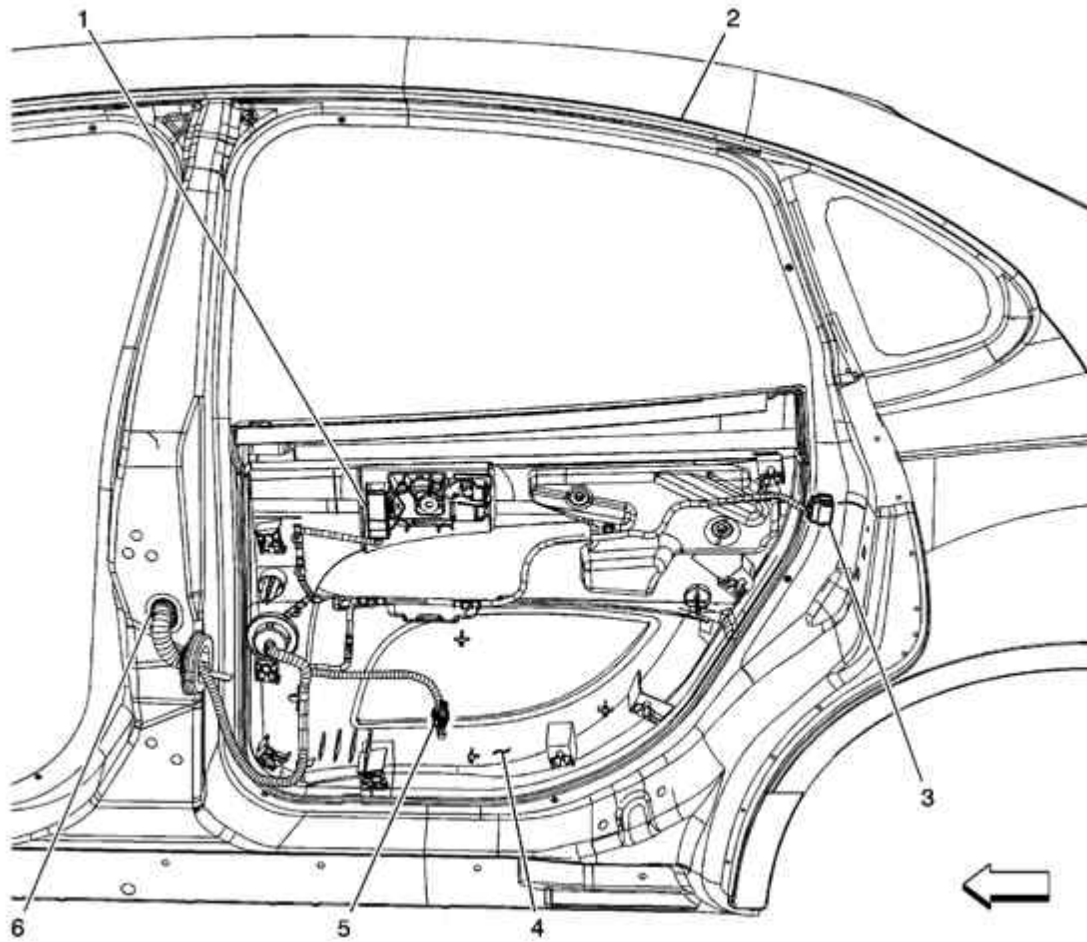


Fig. 66: Left Rear Door
Courtesy of GENERAL MOTORS CORP.

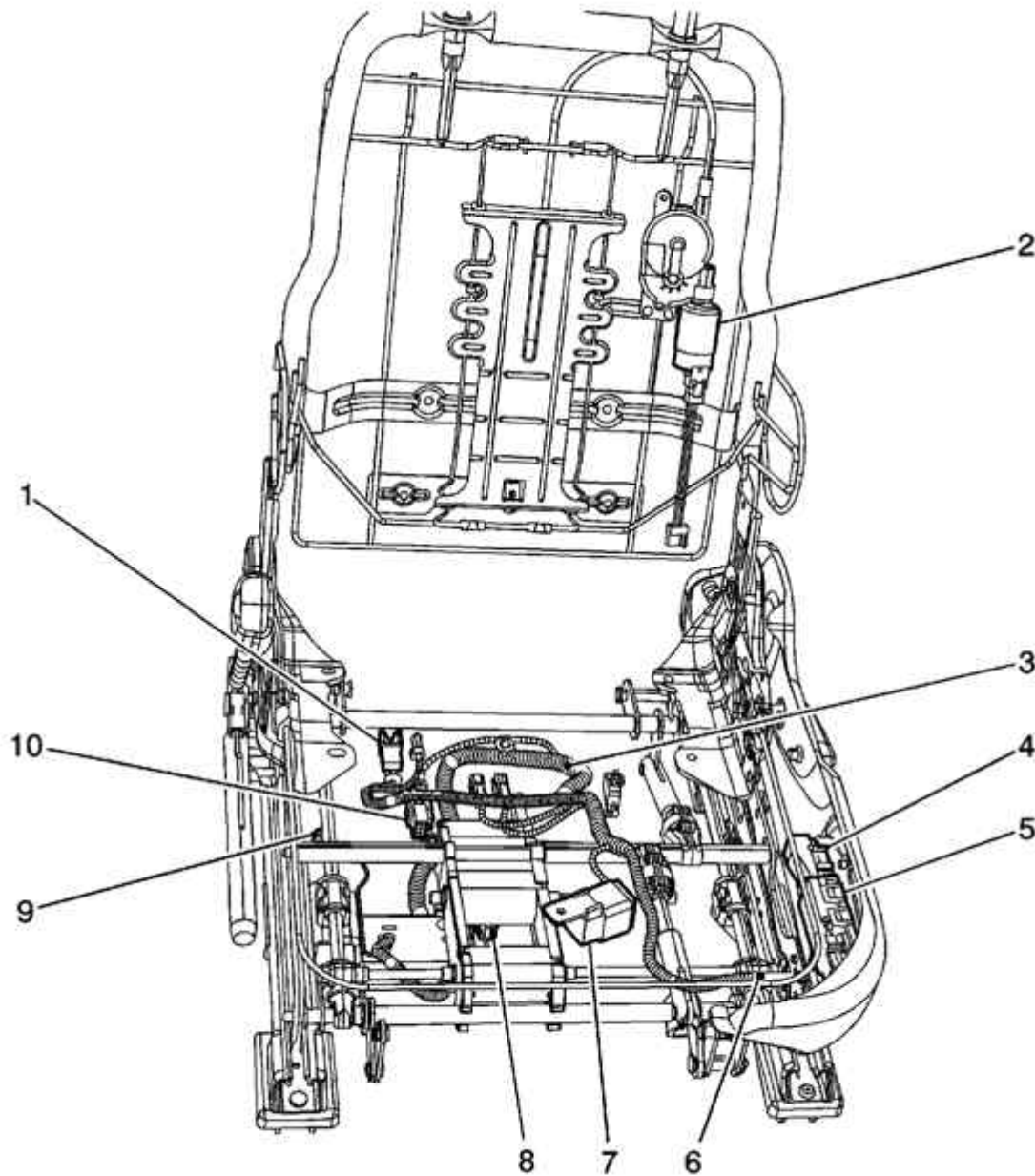


Fig. 67: Driver's Seat
Courtesy of GENERAL MOTORS CORP.

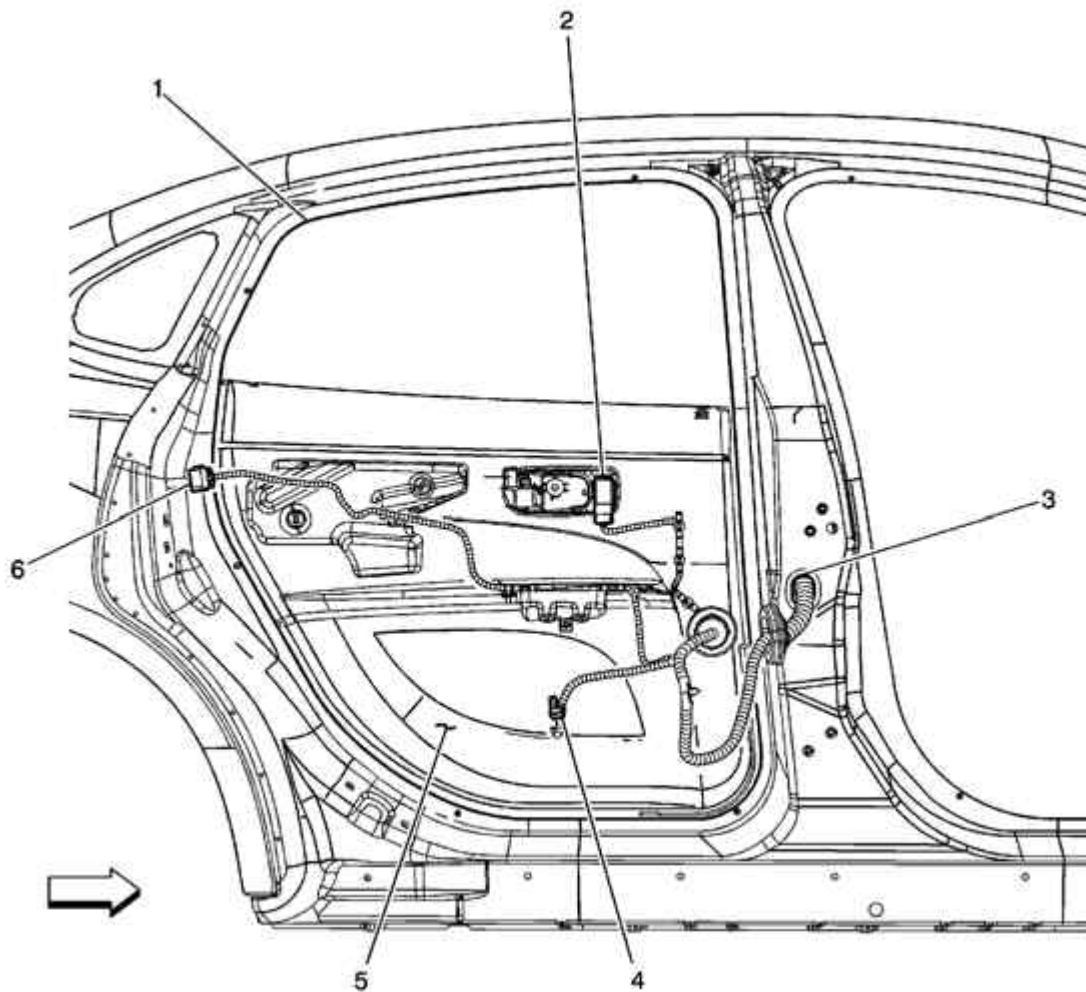


Fig. 68: Right Rear Door
Courtesy of GENERAL MOTORS CORP.

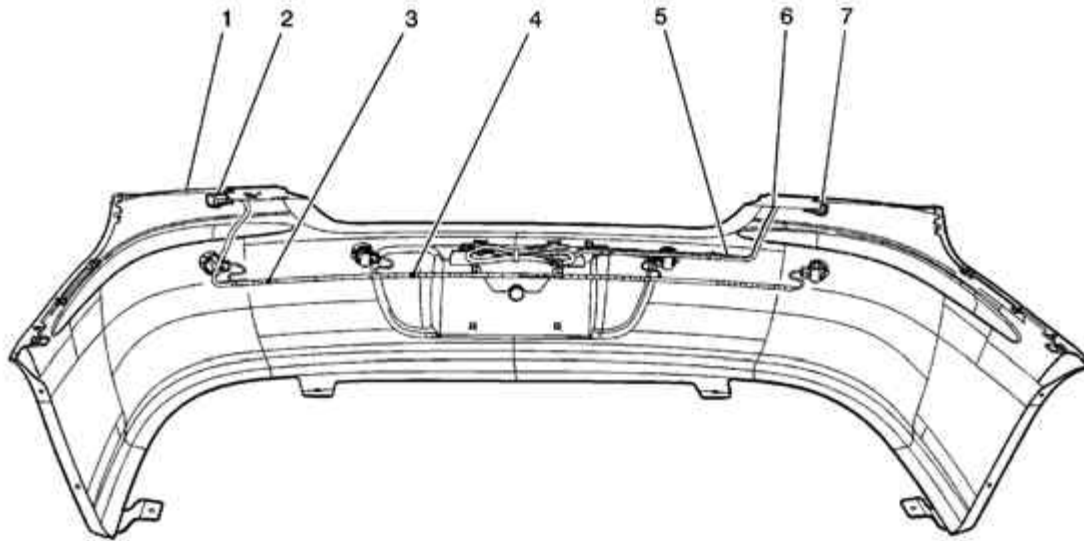
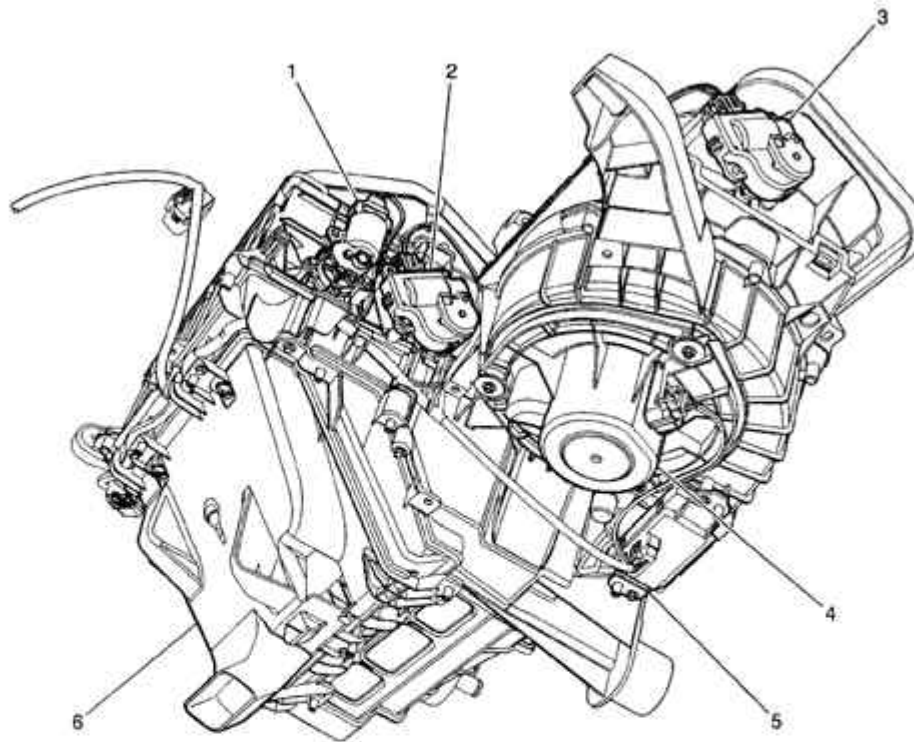


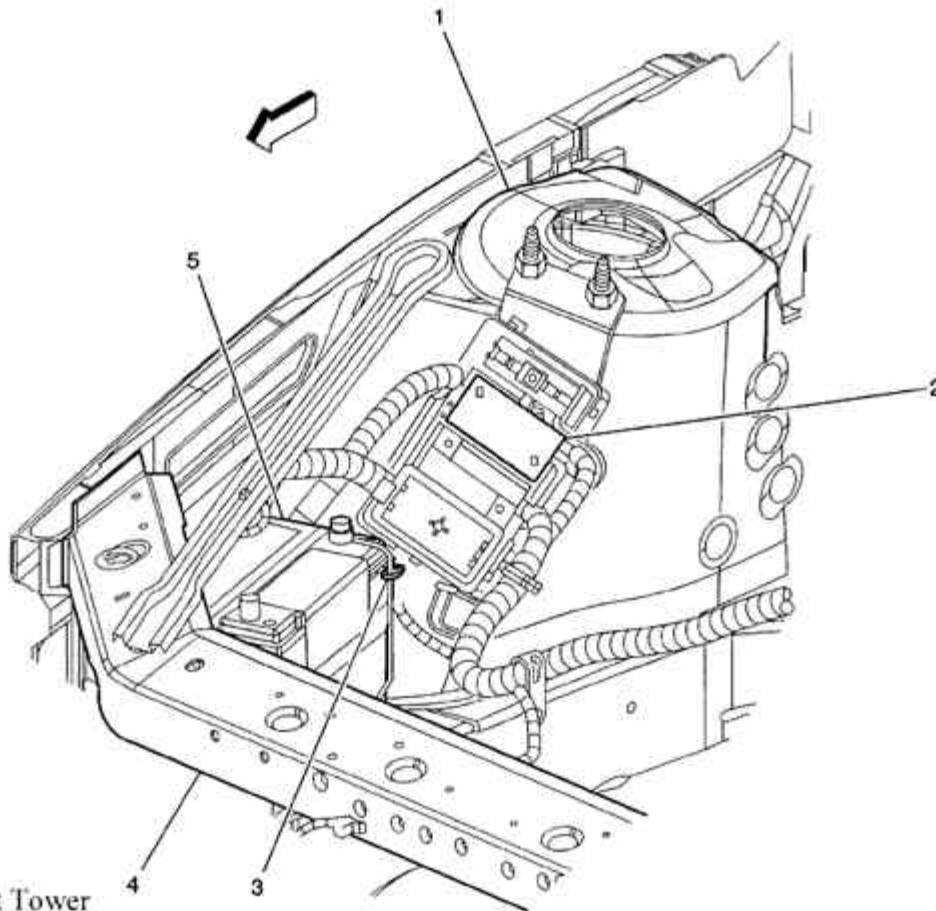
Fig. 69: Rear Bumper
Courtesy of GENERAL MOTORS CORP.



- (1) Mode Actuator
- (2) Air Temperature Actuator
- (3) Recirculation Actuator
- (4) Blower Motor
- (5) Blower Motor Control Processor
- (6) HVAC Box

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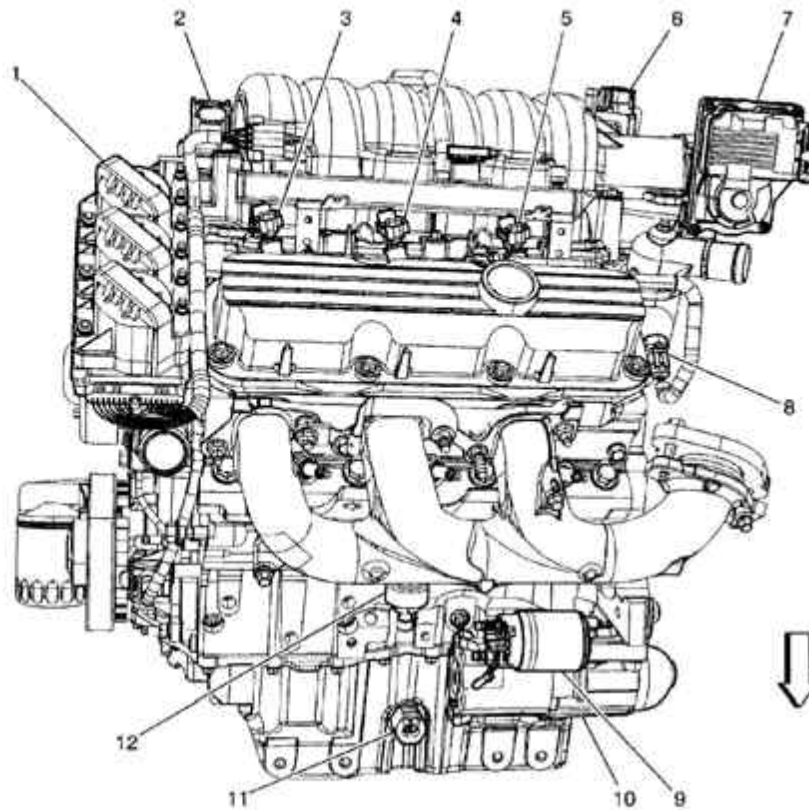
Fig. 70: Interior HVAC Components
Courtesy of GENERAL MOTORS CORP.



- (1) RF Strut Tower
- (2) Fuse Block - Underhood
- (3) Front Radiator Core Support
- (4) Front Radiator Core Support
- (5) Battery

G00441170

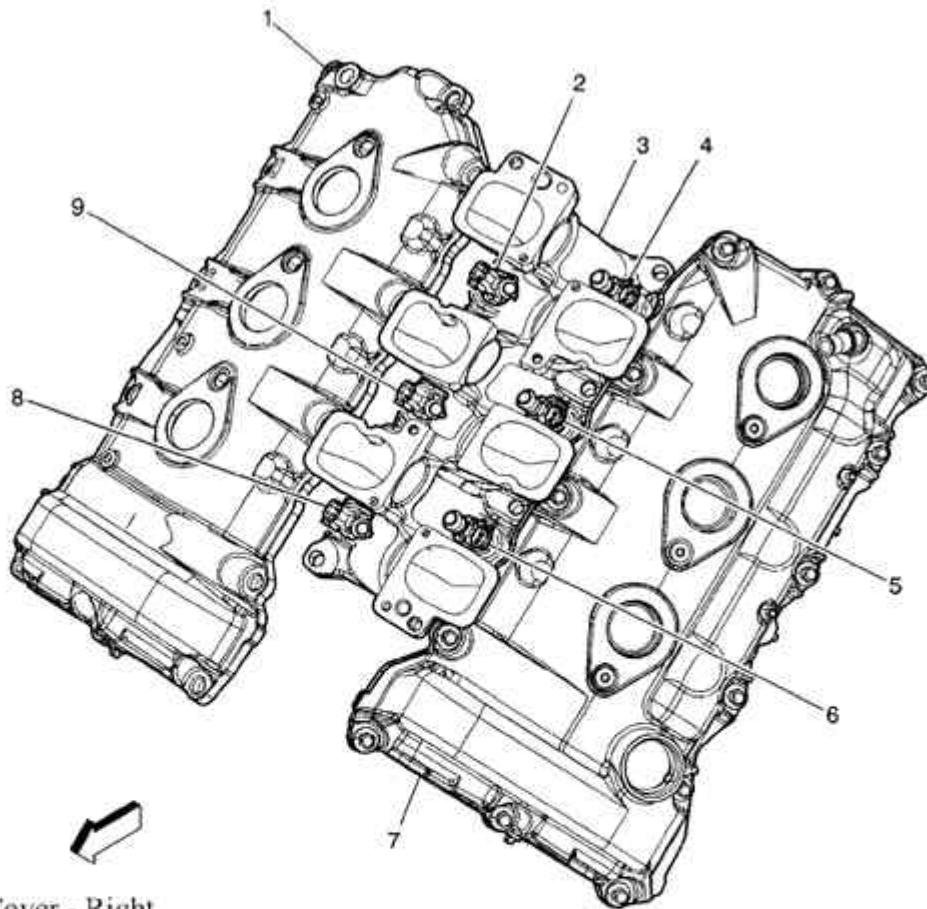
Fig. 71: Right Front Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.



- (1) Ignition Coil Module
- (2) Manifold Absolute Pressure (MAP) Sensor
- (3) Fuel Injector 1
- (4) Fuel Injector 3
- (5) Fuel Injector 5
- (6) Exhaust Gas Recirculation (EGR) Valve
- (7) Throttle Actuator Control (TAC) Module
- (8) Engine Coolant Temperature (ECT) Sensor
- (9) Starter Solenoid
- (10) Starter
- (11) Engine Oil Level Switch
- (12) Knock Sensor (KS) 1

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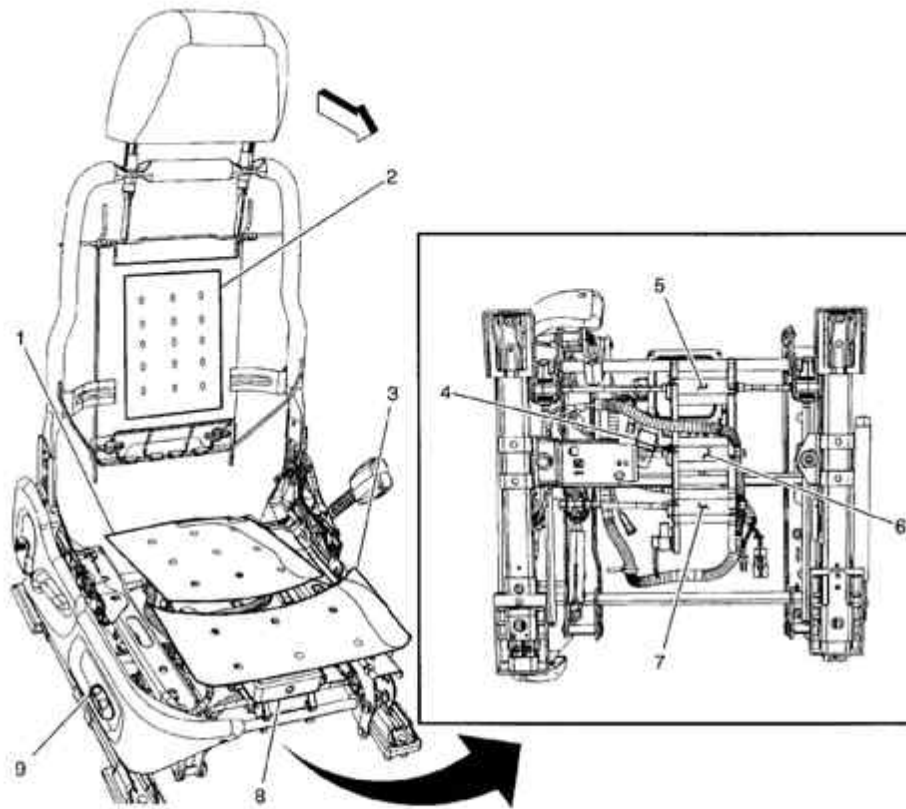
Fig. 72: Left Side Of Engine (3.8L)
Courtesy of GENERAL MOTORS CORP.



- (1) Valve Cover - Right
- (2) Fuel Injector 5
- (3) Intake Manifold
- (4) Fuel Injector 6
- (5) Fuel Injector 4
- (6) Fuel Injector 2
- (7) Valve Cover - Left
- (8) Fuel Injector 1
- (9) Fuel Injector 3

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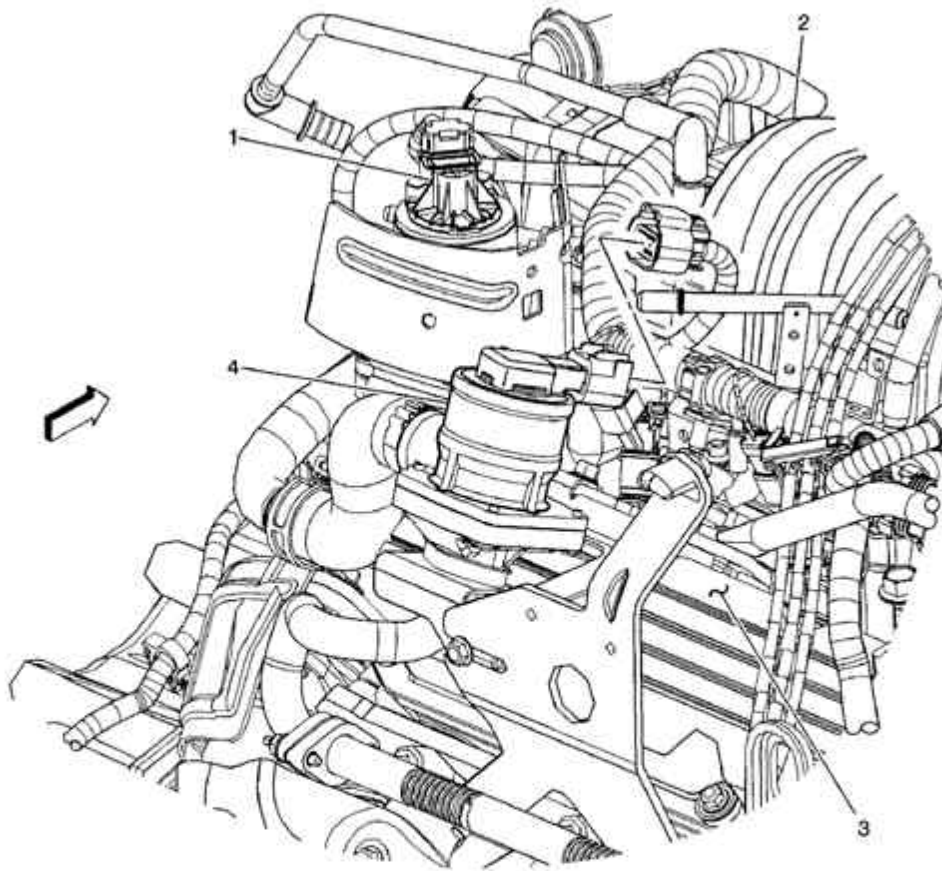
Fig. 73: Fuel Injectors
Courtesy of GENERAL MOTORS CORP.



- (1) Heated Seat Element - Passenger Cushion
- (2) Heated Seat Element - Passenger Back
- (3) Inflatable Restraint Front Passenger Presence System (PPS) Sensor
- (4) Heated Seat Relay
- (5) Horizontal Motor (part of the Adjuster Assembly)
- (6) Front Vertical Motor (part of the Adjuster Assembly)
- (7) Rear Vertical Motor (part of the Adjuster Assembly)
- (8) Inflatable Restraint Front Passenger Presence System (PPS) Module
- (9) Seat Adjuster Switch - Passenger

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Fig. 74: Passenger Seat
Courtesy of GENERAL MOTORS CORP.



- (1) Exhaust Gas Recirculation (EGR) Valve
- (2) Intake Manifold
- (3) Valve Cover
- (4) Secondary Air Injection (AIR) Control Solenoid Valve/Pressure Sensor, Bank 2 (NU6)

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Fig. 75: Upper Rear Of Engine
Courtesy of GENERAL MOTORS CORP.

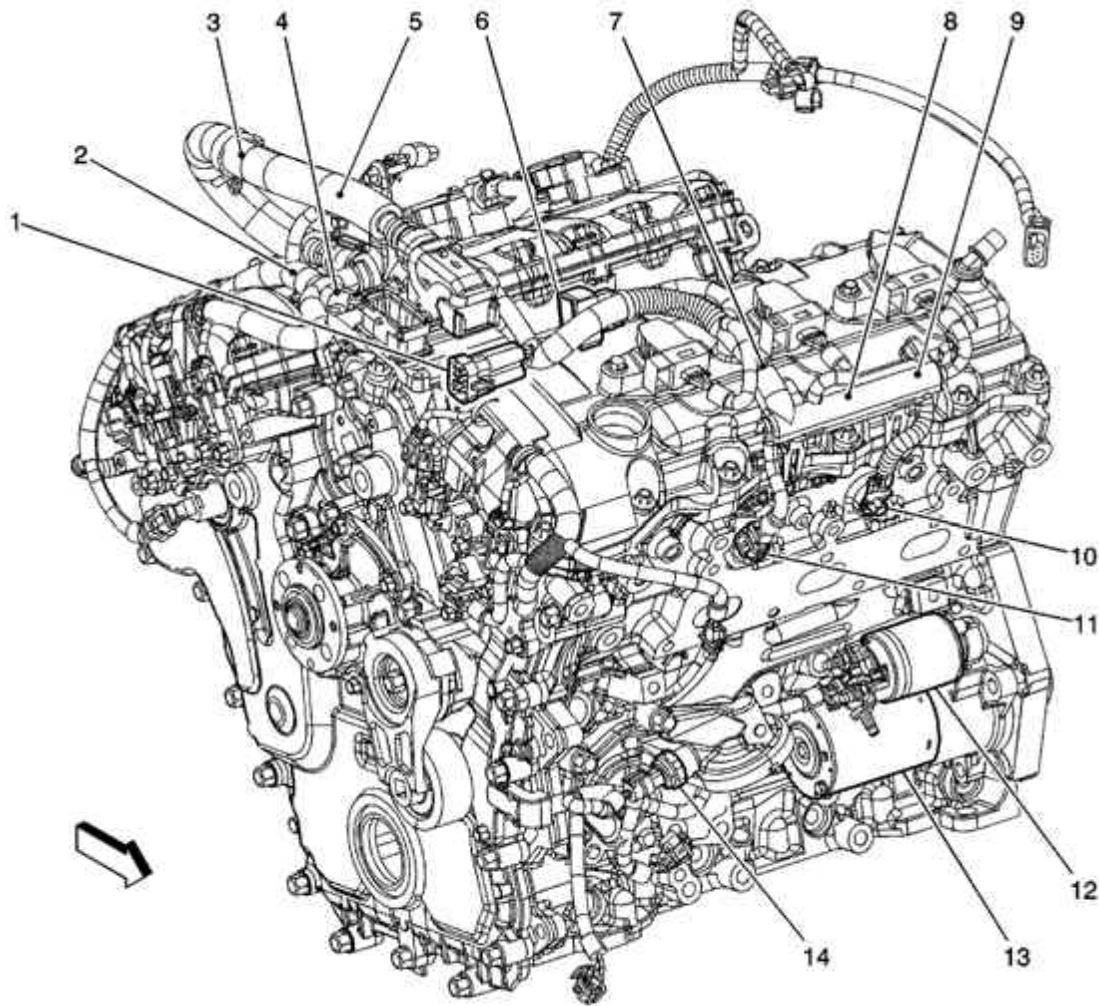
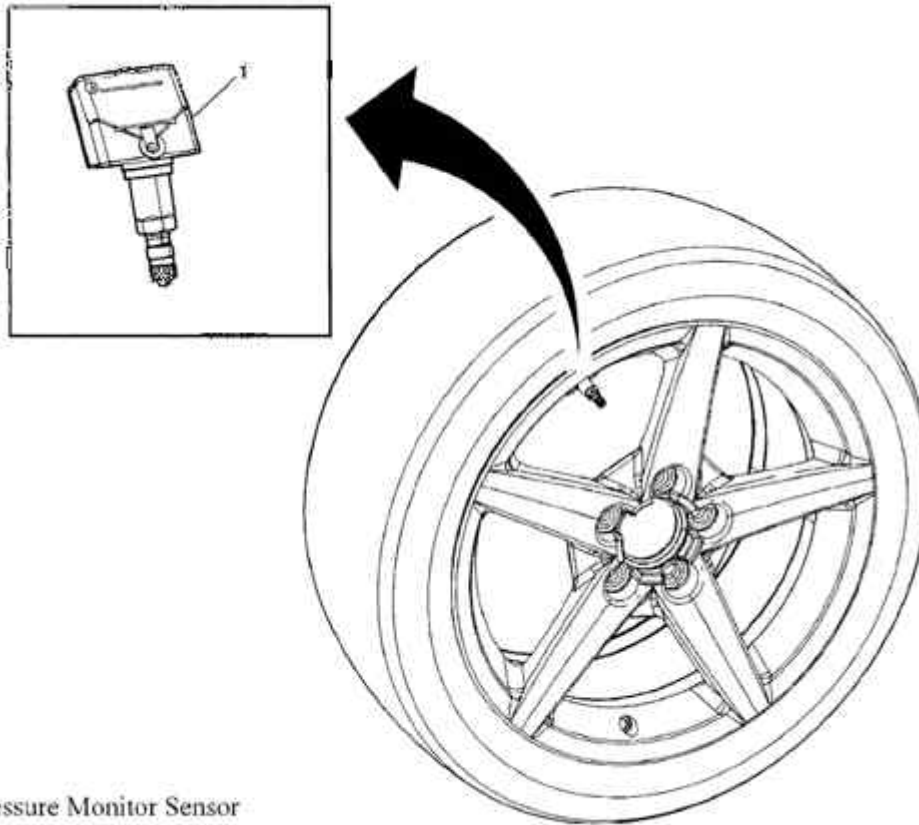


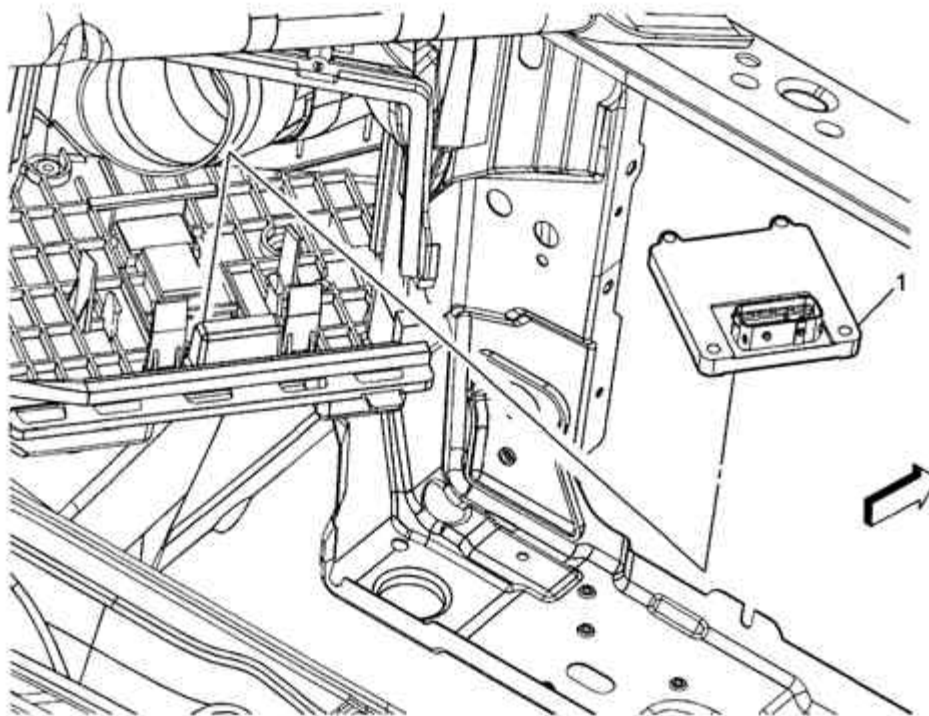
Fig. 76: Front Of Engine (3.6L)
Courtesy of GENERAL MOTORS CORP.



(1) Tire Pressure Monitor Sensor

G0044117E

Fig. 77: Tire Pressure Monitor Sensor
Courtesy of GENERAL MOTORS CORP.



(1) Transmission Control Module (TCM)

G00441177

Fig. 78: Transmission Control Module (TCM) (Except 5.3L)
Courtesy of GENERAL MOTORS CORP.

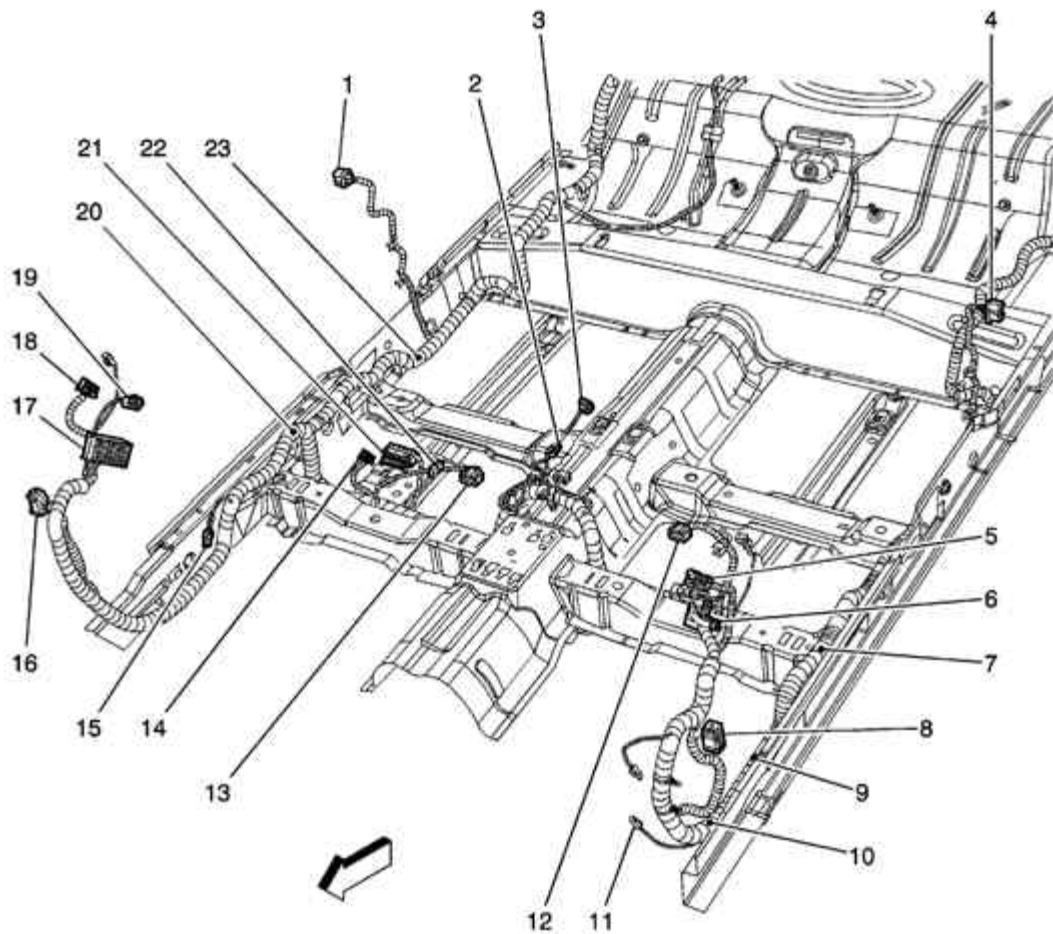


Fig. 79: Front Body Harness
Courtesy of GENERAL MOTORS CORP.

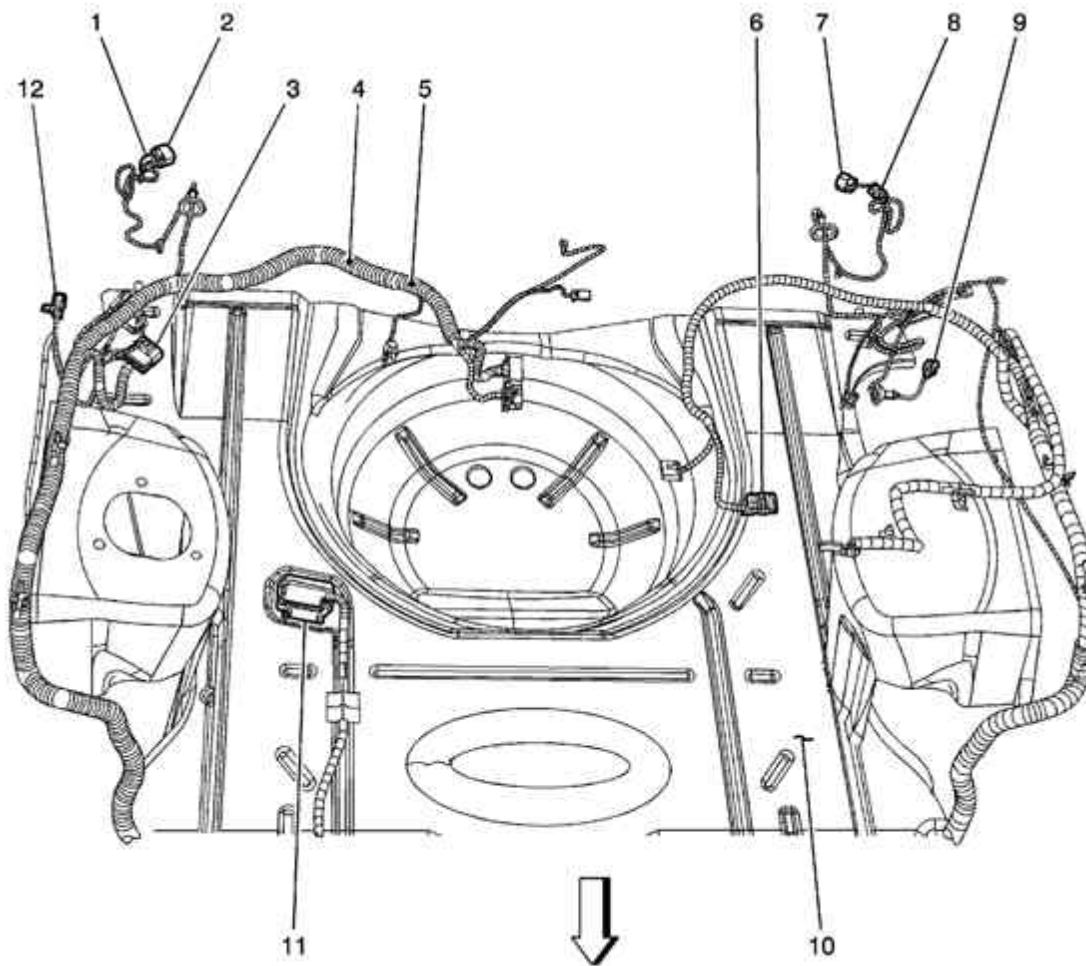


Fig. 80: Rear Body Harness
Courtesy of GENERAL MOTORS CORP.

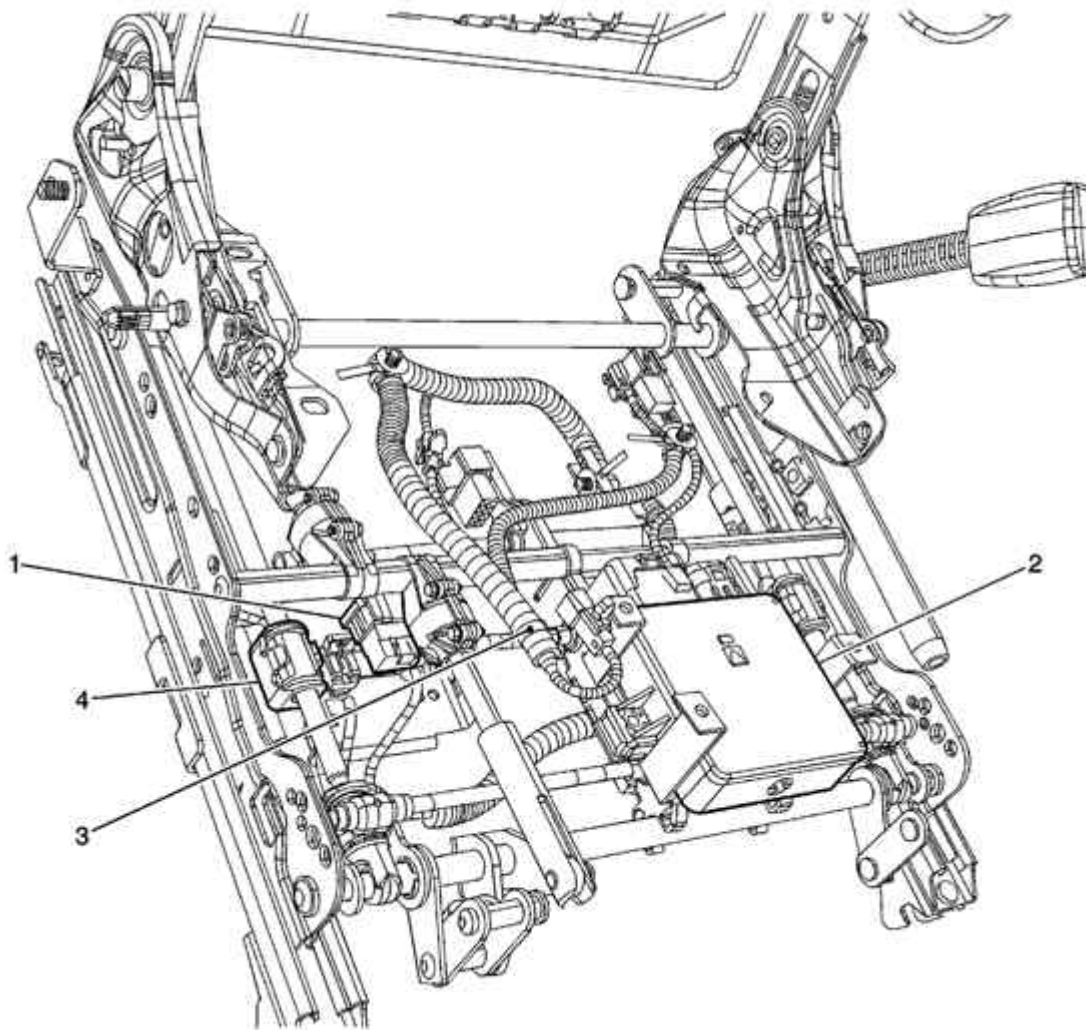
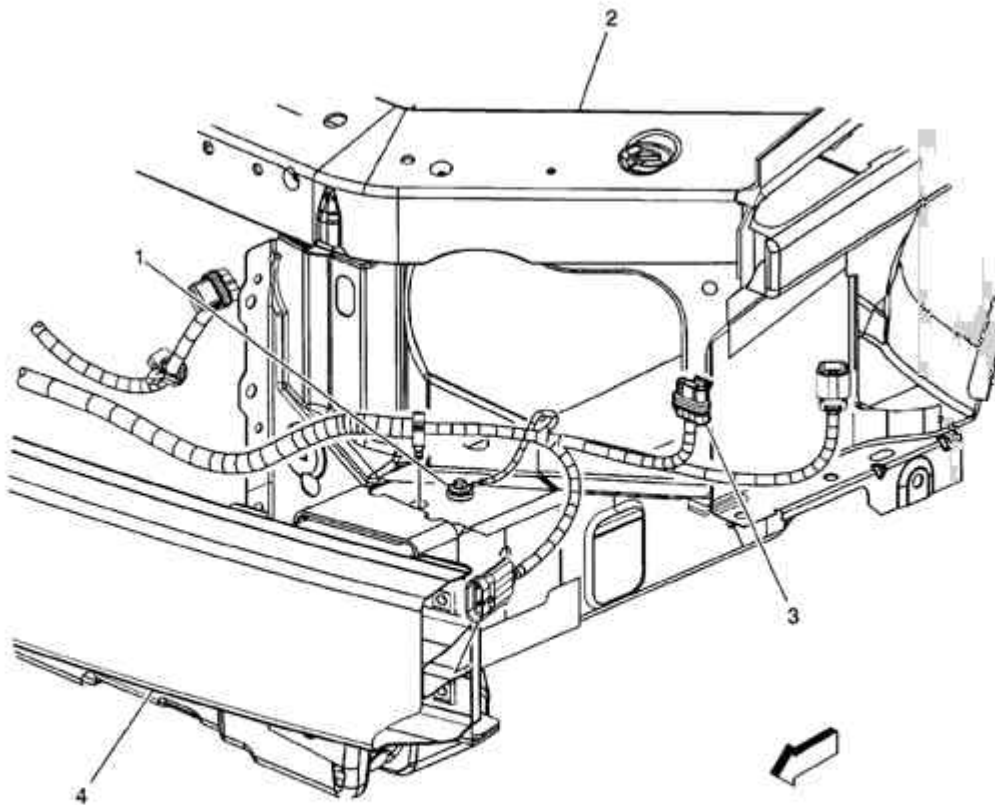


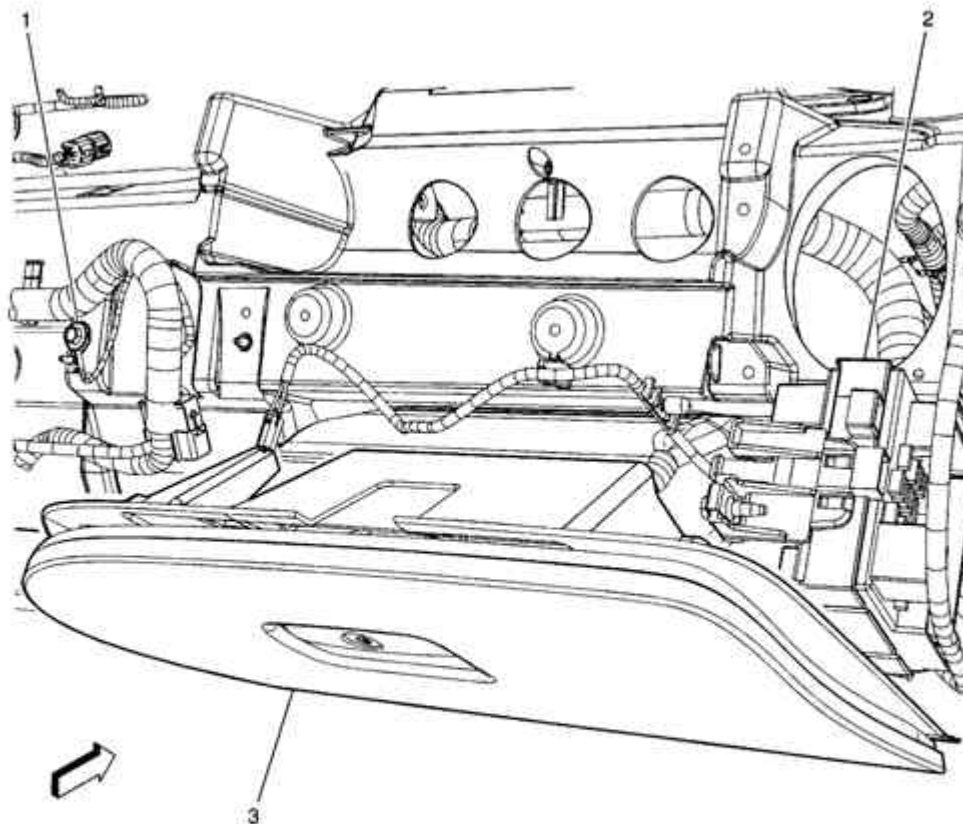
Fig. 81: Passenger Seat
Courtesy of GENERAL MOTORS CORP.



- (1) G101
- (2) Core Support - LF
- (3) Headlamp Connector
- (4) Bumper - LF

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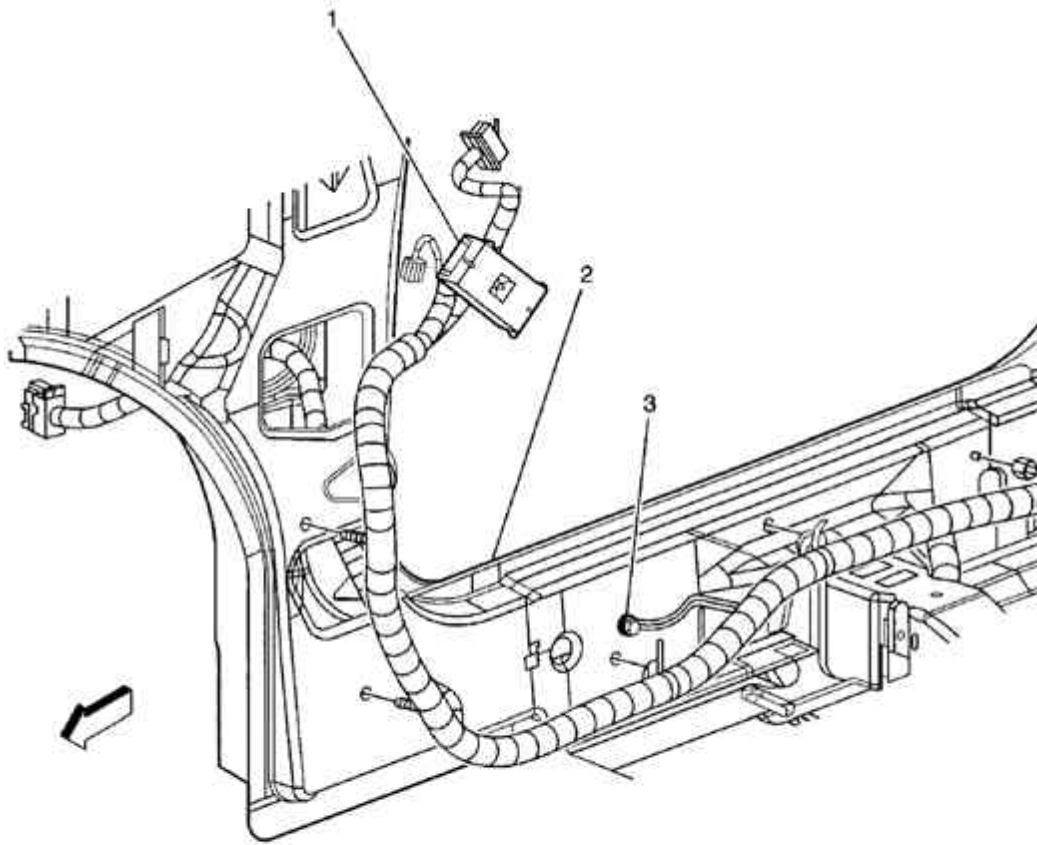
Fig. 82: Left Front Frame Rail
Courtesy of GENERAL MOTORS CORP.



- (1) G201
- (2) Fuse Block - I/P
- (3) I/P Compartment Lid

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Fig. 83: Right Side Of Dash
Courtesy of GENERAL MOTORS CORP.



- (1) Fuse Block - I/P Connector
- (2) Floor Panel
- (3) G302

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Fig. 84: Right Kick Panel
Courtesy of GENERAL MOTORS CORP.

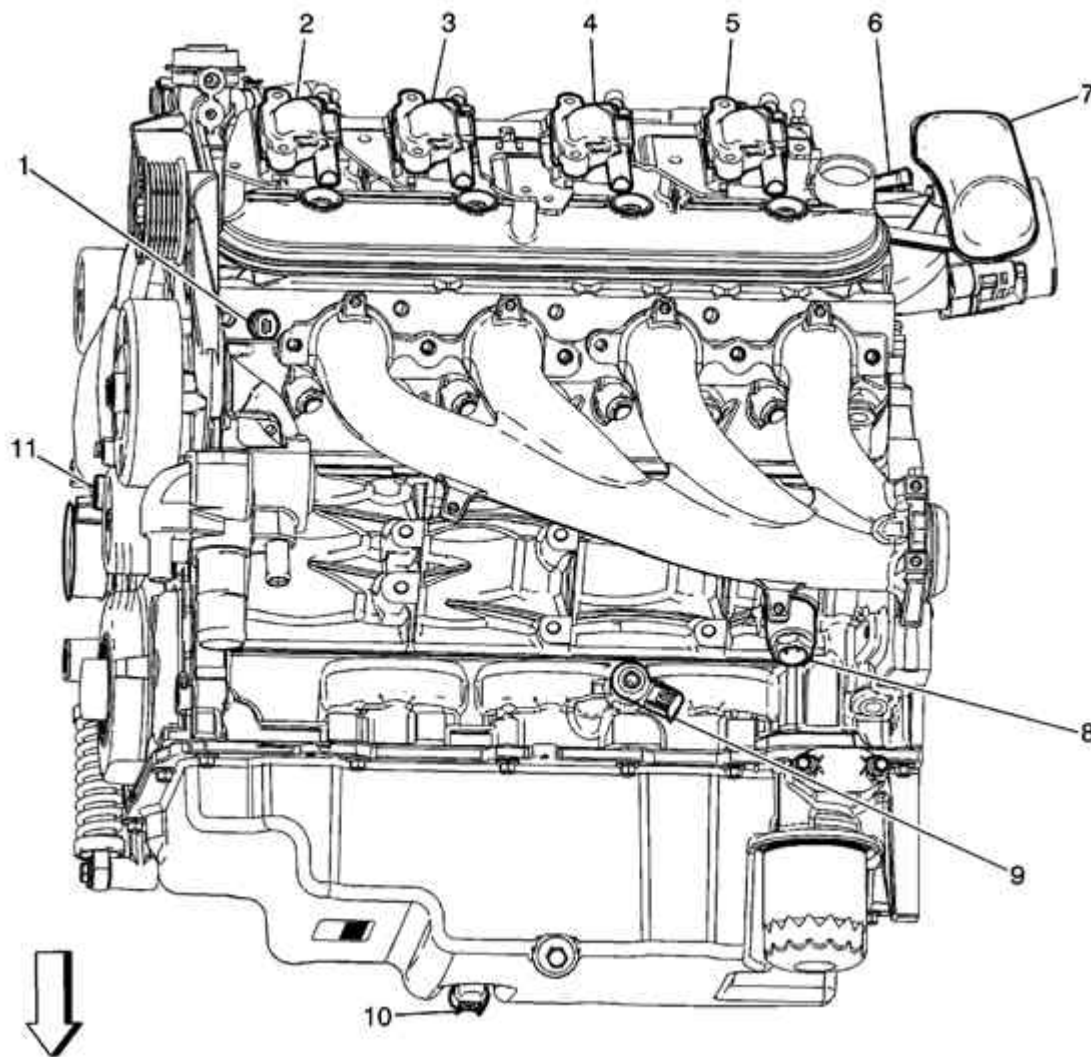


Fig. 85: Left Side Of Engine (5.3L)
Courtesy of GENERAL MOTORS CORP.

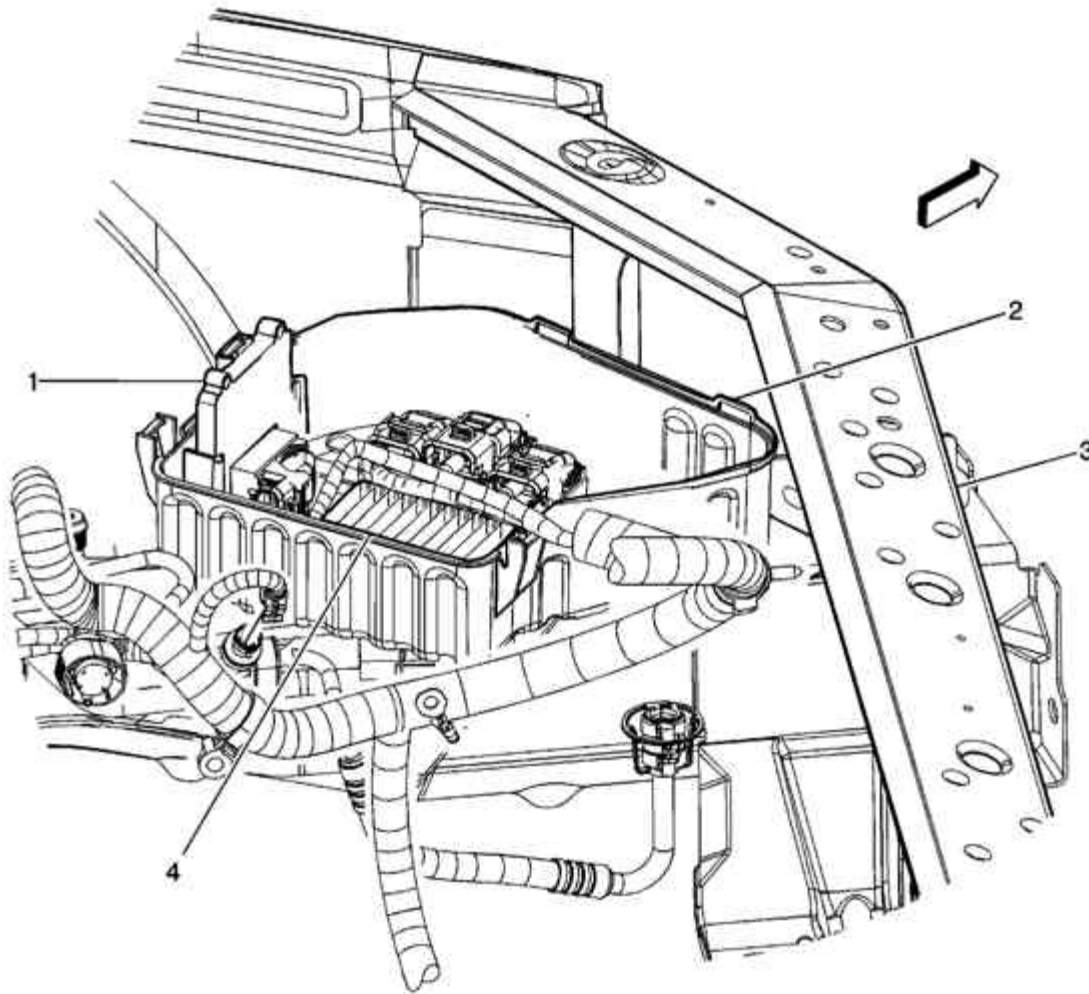


Fig. 86: Left Front Of Engine Compartment (5.3L)
Courtesy of GENERAL MOTORS CORP.

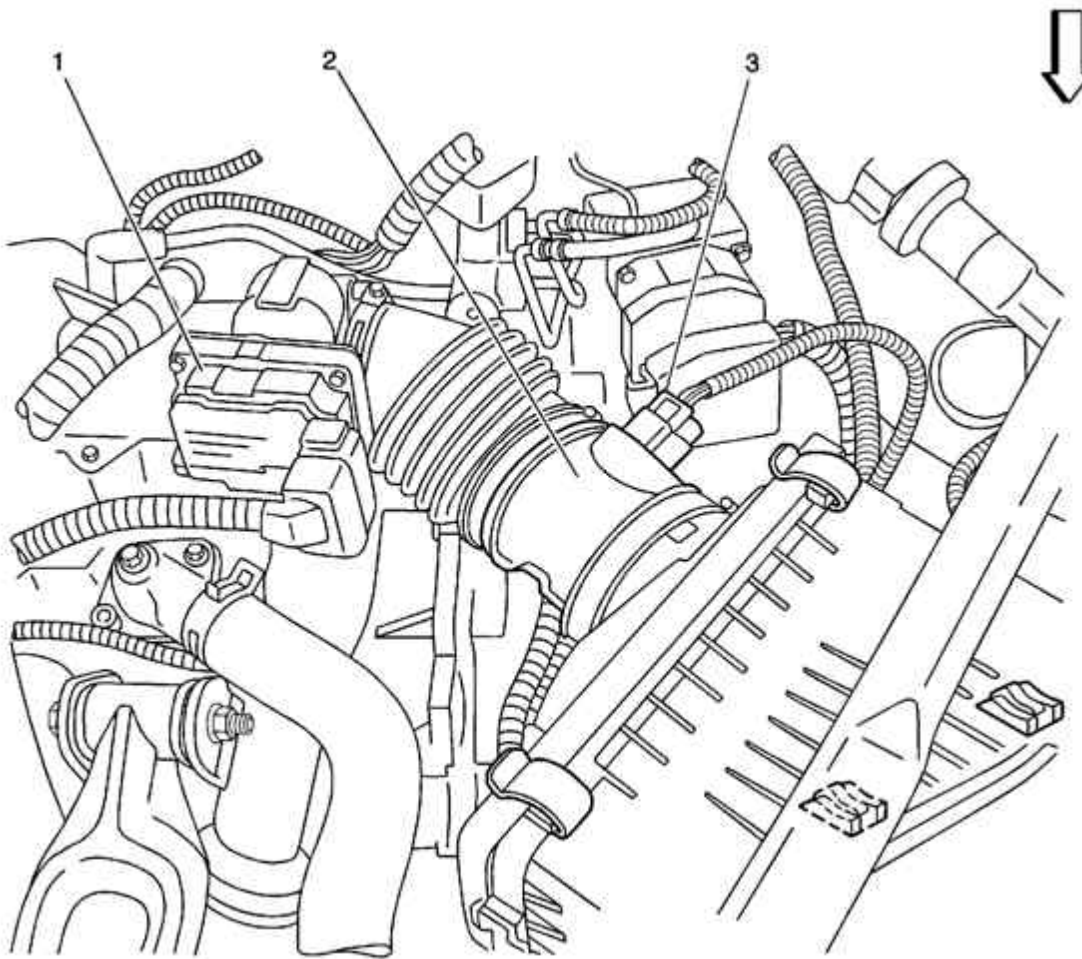


Fig. 87: Top Rear Of Engine (5.3L)
Courtesy of GENERAL MOTORS CORP.

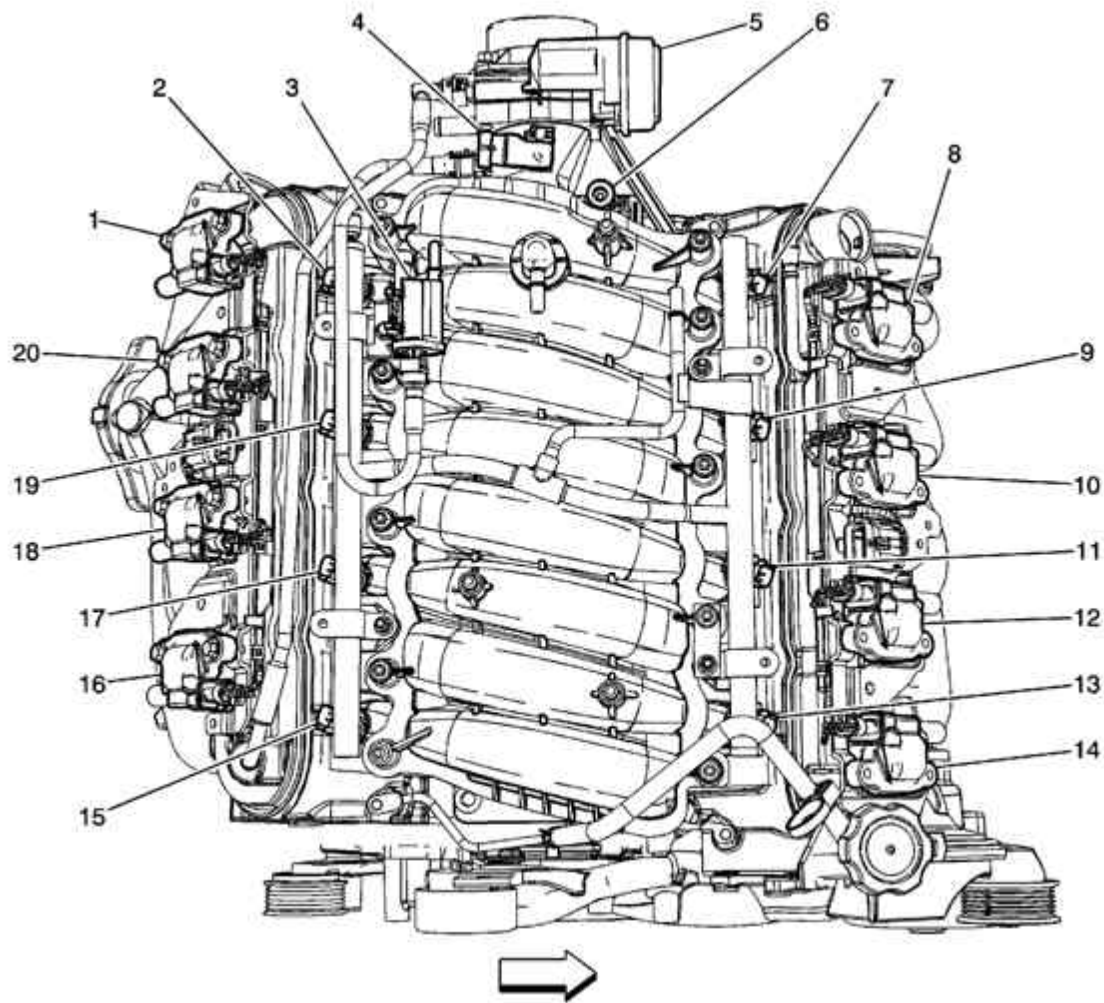


Fig. 88: Top Of Engine (5.3L)
Courtesy of GENERAL MOTORS CORP.

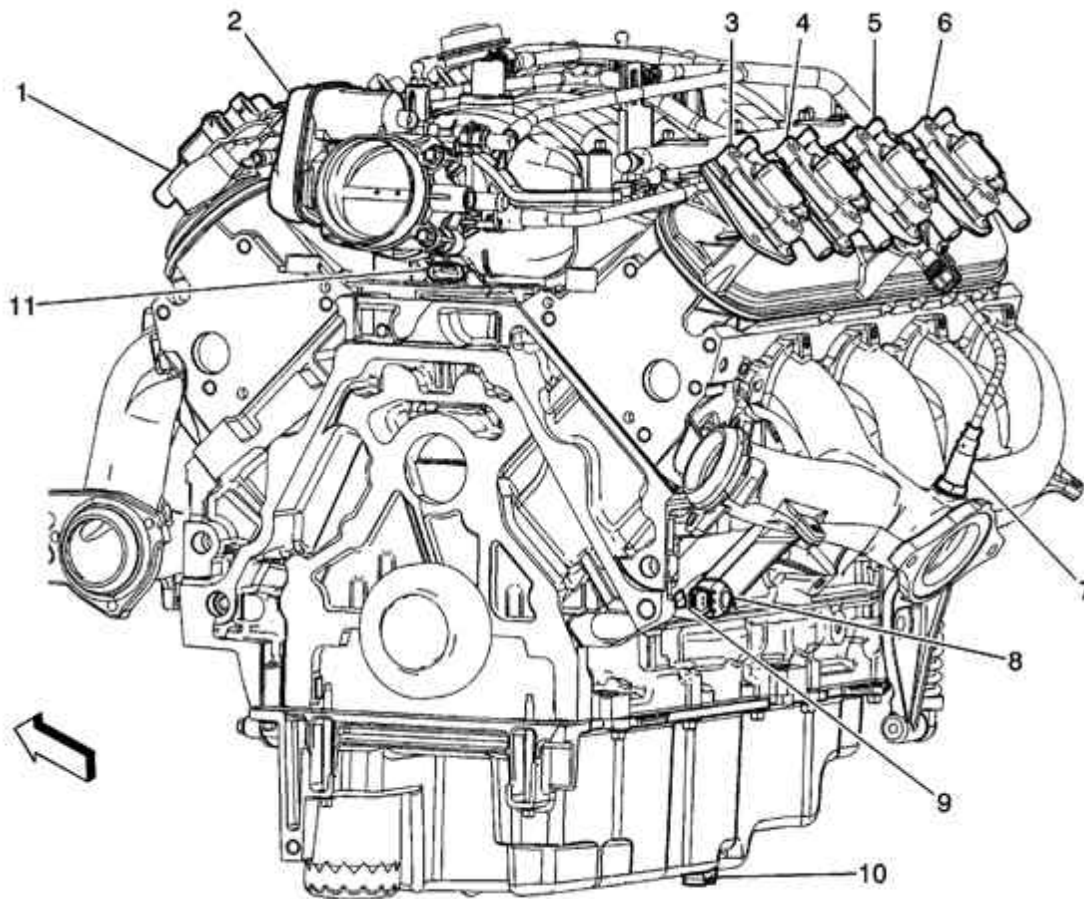


Fig. 89: Rear Of Engine (5.3L)
Courtesy of GENERAL MOTORS CORP.

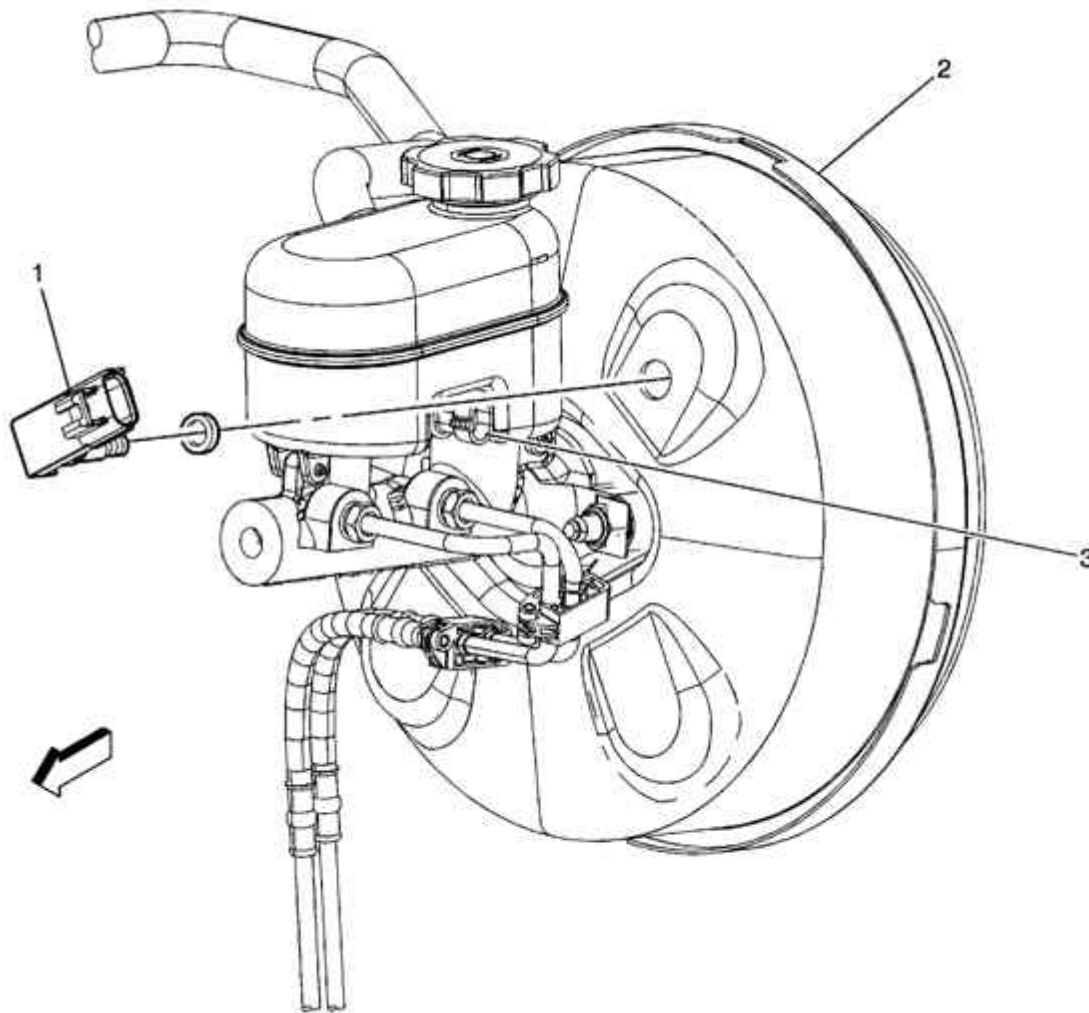


Fig. 90: Left Rear Of Engine Compartment (5.3L)
Courtesy of GENERAL MOTORS CORP.

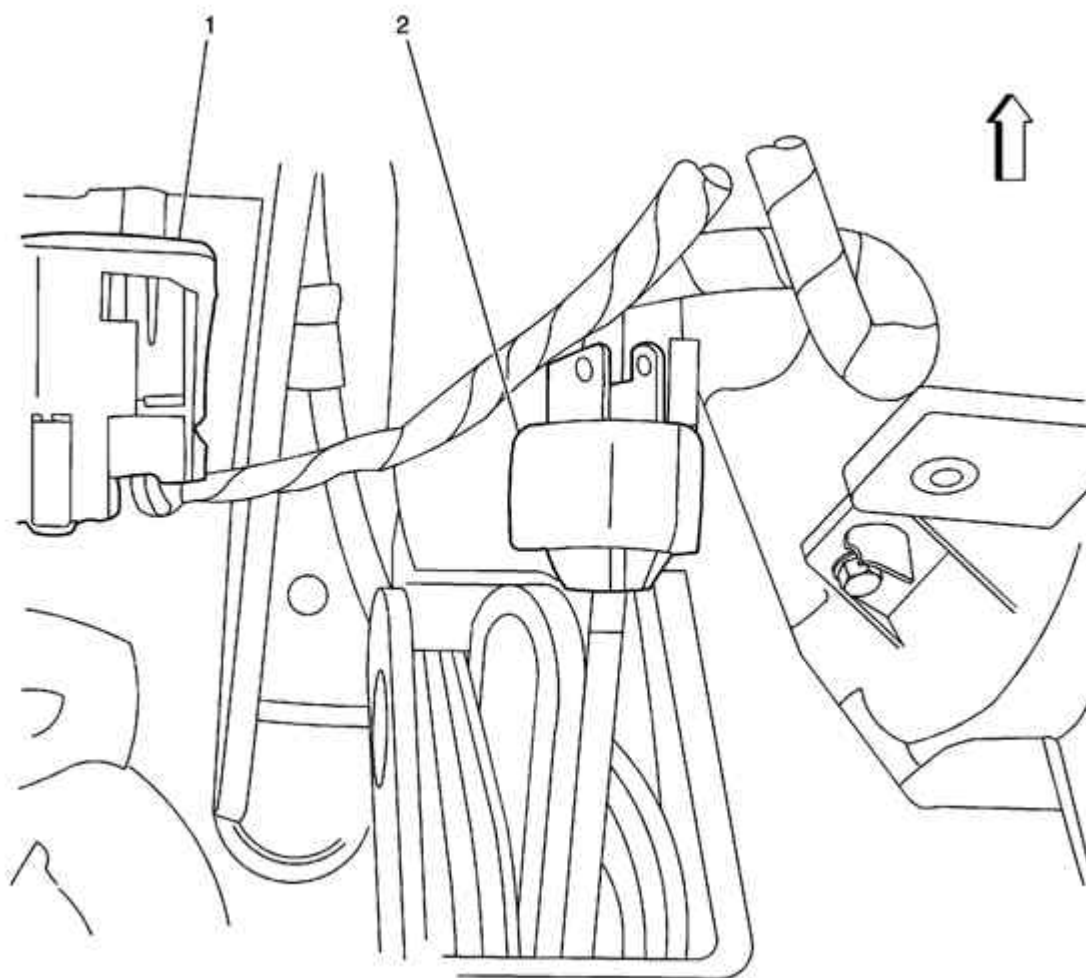


Fig. 91: Under Left Side Of Dash
Courtesy of GENERAL MOTORS CORP.

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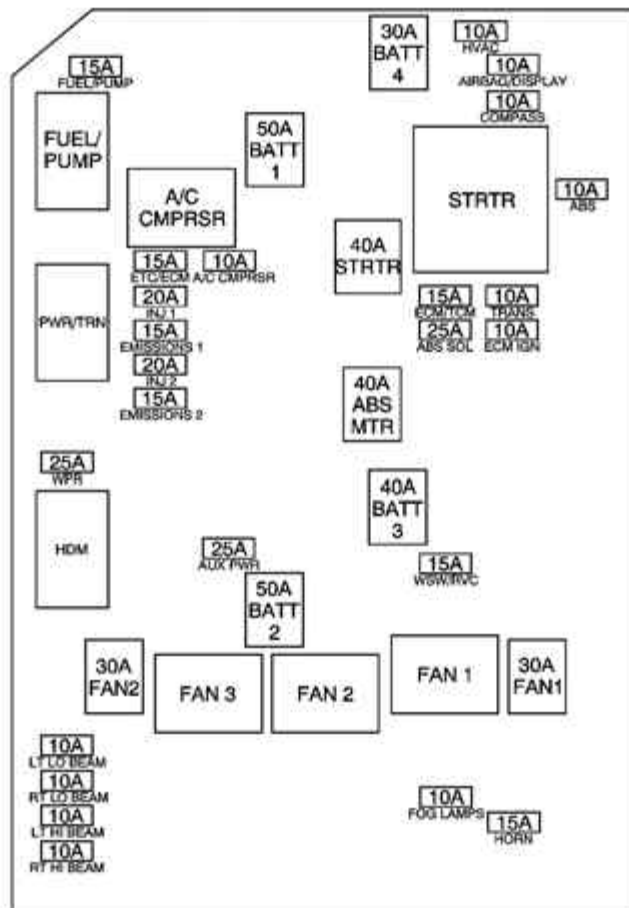


Fig. 92: Underhood Fuse Block (5.3L)
Courtesy of GENERAL MOTORS CORP.