

2004 GENERAL MOTORS

Hummer H2

BUZZERS, RELAYS & TIMERS

BUZZERS, RELAYS & TIMERS LOCATION

Component	Location
A/C COMP RELAY	In underhood fuse block. See Fig. 27 .
DRL RELAY	In underhood fuse block. See Fig. 27 .
Electronically Controlled Air Suspension Relay	Near lower left front wheelwell, attached to chassis harness. See Fig. 8 .
FUEL PMP RELAY	In underhood fuse block. See Fig. 27 .
HDLP HIGH RELAY	In underhood fuse block. See Fig. 27 .
HDLP LOW RELAY	In underhood fuse block. See Fig. 27 .
HORN RELAY	In underhood fuse block. See Fig. 27 .
IGN 1 RELAY (GAS)	In underhood fuse block. See Fig. 27 .
Liftgate Relay	At base of right "B" pillar. See Fig. 75 .
LOCK RELAY	In I/P fuse block. See Fig. 28 .
PARK LP RELAY	In underhood fuse block. See Fig. 27 .
REAR DEFOG RELAY	In I/P relay block. See Fig. 30 .
STARTER RELAY	In underhood fuse block. See Fig. 27 .
Sun Roof Relay	Attached to headliner harness, near left side of dash. See Fig. 83 .
UNLOCK RELAY	In I/P fuse block. See Fig. 28 .
W/S WASH RELAY	In underhood fuse block. See Fig. 27 .

CIRCUIT PROTECTION DEVICES

CIRCUIT PROTECTION DEVICES LOCATION

Component	Location
Body Relay Block	Near parking brake assembly. See Fig. 44 .
I/P Fuse Block I/P	On lower left side of dash. See Fig. 2 .
I/P Junction Block	On lower right side of dash. See Fig. 4 .
I/P Relay Block	On left side of dash, near left kick panel. See Fig. 3 .
Rear Junction Block	On underside of rear body, near center of rear bumper.
Underhood Fuse Block	At left side of engine compartment, near battery. See Fig. 1 .

CONTROL UNITS

CONTROL UNITS LOCATION

Component	Location
Air Suspension Module	Near right front of compressor. See Fig. 37 .
Blower Motor Control Processor	Behind right side of dash, on HVAC assembly. See Fig. 34 .
Body Control Module (BCM)	On top left side of dash, above I/P fuse block. See Fig. 16 .
Driver Door Module (DDM)	In driver's door, part of switch assembly. See Fig. 72 .
Electronic Brake Control Module (ECBM)	On left side of inner frame. See Fig. 45 .
FLASHER MODULE	On back side of I/P fuse block. See Fig. 29 .
Heated Seat Control Module-LR	Under left side of 2nd row seat. See Fig. 87 .
Heated Seat Control Module-RR	Under right side of 2nd row seat. See Fig. 87 .
HVAC Control Module	Behind center of dash. See Fig. 34 .
HVAC Module	On HVAC assembly. See Fig. 34 .
Inflatable Restraint I/P Module	Behind right side of dash. See Fig. 62 .
Inflatable Restraint I/P Module Connector	Behind right side of dash. See Fig. 61 .
Inflatable Restraint Sensing & Diagnostic Module (SDM)	Under left front seat. See Fig. 61 .
Inflatable Restraint Sensing & Diagnostic Module (SDM) Connector	Under left front seat. See Fig. 19 .
Inflatable Restraint Steering Wheel Module	Under horn pad. See Fig. 61 .
Memory Seat Module (Driver)	Under driver seat. See Fig. 84 .
Passenger Door Module (PDM)	In passenger door. See Fig. 73 .
Powertrain Control Module (PCM)	On left front of engine compartment. See Fig. 52 .
Rear Window Wiper Module - W/Motor	At center of liftgate. See Fig. 76 .
RSA Controller	At rear of center console. See Fig. 6 .
Sunroof Module	In front of headliner, near front overhead console. See Fig. 82 .
Theft Deterrent Control Module	In steering column.
Throttle Actuator Control (TAC) Module	At left rear of engine compartment. See Fig. 52 .
Transfer Case Shift Control Module	Behind headlamp switch. See Fig. 9 .
Vehicle Communication Interface Module	At center of dash, below HVAC control module. See Fig. 66 .
Windshield Wiper/Washer Module	Under windshield cowl, between wiper arms. See Fig. 88 .

MOTORS

MOTORS LOCATION

Component	Location
Air Suspension Compressor	On air suspension assembly. See Fig. 37 .
Air Suspension Compressor Connector	Near right front of compressor. See Fig. 37 .
Air Temperature Actuator - Left)	Attached to lower middle underside of HVAC assembly, below evaporator. See Fig. 34 .
Air Temperature Actuator - Right	At middle top of HVAC assembly, above evaporator. See Fig. 34 .
Blower Motor	At right lower side of dash, on HVAC assembly.
Door Window Motor Connector-LR (RR Similar)	At door window motor. See Fig. 74 .
Door Window Motor-LR (RR Similar)	In left rear door. See Fig. 74 .
Encoder Motor	At rear of transfer case. See Fig. 41 .
Fuel Pump & Sender Assembly	In fuel tank. See Fig. 54 .
Mode Actuator	On left side of HVAC assembly. See Fig. 34 .
Rear Window Wiper Motor	At center of liftgate. See Fig. 88 .
Recirculation Actuator	On top front of HVAC assembly. See Fig. 34 .
Seat Bolster Motor-Driver	In driver seat back. See Fig. 60 .
Seat Bolster Motor-Passenger	In passenger seat back. See Fig. 86 .
Seat Front Vertical Motor-Driver	Under driver seat. See Fig. 84 .
Seat Front Vertical Motor-Front Passenger	Under front passenger seat. See Fig. 85 .
Seat Horizontal Motor-Driver	Under driver seat. See Fig. 84 .
Seat Horizontal Motor-Front Passenger	Under front passenger seat. See Fig. 85 .
Seat Lumbar Motor-Driver	In driver seat back. See Fig. 60 .
Seat Lumbar Motor-Passenger	In passenger seat back. See Fig. 86 .
Seat Rear Vertical Motor-Driver	Under driver seat. See Fig. 84 .
Seat Rear Vertical Motor-Front Passenger	Under front passenger seat. See Fig. 85 .
Seat Recline Motor-Driver	Under driver seat. See Fig. 84 .
Seat Recline Motor-Front Passenger	Under front passenger seat. See Fig. 85 .
Starter Motor	At lower right side of engine. See Fig. 79 .
Throttle Actuator Control Assembly	Mounted to throttle body assembly, on top of engine.
Throttle Actuator Control Motor	Mounted to throttle body assembly, on top of engine.

Transfer Case Encoder/Motor Connector	At rear of transfer case assembly. See Fig. 42 .
Window Motor - Driver	In driver door. See Fig. 72 .
Window Motor - Front Passenger	In front passenger door. See Fig. 73 .
Windshield Washer Fluid Pump-Reversible	In washer fluid reservoir. See Fig. 88 .
Windshield Wiper Motor	At center rear of engine compartment. See Fig. 88 .

SENDING UNITS & SENSORS

SENDING UNITS & SENSORS LOCATION

Component	Location
A/C Refrigerant Pressure Sensor	In rear of A/C compressor.
Air Suspension Pressure Sensor	At right side of compressor head. See Fig. 37 .
Air Suspension Sensor - LR	At left rear frame rail, attached to top of frame. See Fig. 38 .
Air Suspension Sensor - RR	At right rear frame rail, attached to top of frame.
Air Temperature Sensor Connector - Lower Left	On left side of HVAC assembly. See Fig. 34 .
Air Temperature Sensor Connector - Lower Right	On left side of HVAC assembly. See Fig. 34 .
Air Temperature Sensor Connector - Upper Right	At right side of dash panel. See Fig. 33 .
Air Temperature Sensor - Inside	In left roof rail, forward of "B" pillar. See Fig. 33 .
Air Temperature Sensor - Upper Left	At left side of dash panel. See Fig. 33 .
Air Temperature Sensor - Upper Right	At right side of dash panel. See Fig. 33 .
Ambient Air Temperature Sensor - HVAC	At right front of vehicle, to right of radiator support. See Fig. 33 .
Ambient Air Temperature Sensor - Mirror	At right front of vehicle, to right of radiator support. See Fig. 33 .
Ambient Light/Sunload Sensor Assembly	On top center of dash. See Fig. 33 .
Ambient Temperature Sensor Assembly-Inside	At middle left side of headliner, above driver's seat. See Fig. 65 .
APP Sensor	Below left side of dash. See Fig. 48 .
APP Sensor Connector	At APP sensor. See Fig. 48 .
Camshaft Position (CMP) Sensor Connector	At top center rear of engine, near engine oil pressure sensor. See Fig. 11 .
Crankshaft Position (CKP) Sensor	At lower right rear side of engine block, behind starter solenoid. See Fig. 51 .

Crankshaft Position (CKP) Sensor Connector	At sensor. See Fig. 79 .
Engine Coolant Temperature (ECT) Sensor	Near rear of engine block, below exhaust manifold. See Fig. 78 .
Engine Oil Pressure (EOP) Sensor Connector	At left rear of engine. See Fig. 11 .
Fuel Level Sensor	At top of fuel tank. See Fig. 81 .
Fuel Tank Pressure (FTP) Sensor	On fuel tank, integral to fuel pump & sender assembly. See Fig. 54 .
Heated Oxygen Sensor (HO2S)-Bank 1 Sensor 1	In left exhaust pipe, before catalytic converter. See Fig. 54 .
Heated Oxygen Sensor (HO2S)-Bank 1 Sensor 2	In left exhaust pipe, after catalytic converter. See Fig. 54 .
Heated Oxygen Sensor (HO2S)-Bank 2 Sensor 1	In right exhaust pipe, before catalytic converter. See Fig. 54 .
Heated Oxygen Sensor (HO2S)-Bank 2 Sensor 2	In right exhaust pipe, after catalytic converter. See Fig. 54 .
Inflatable Restraint Electronic Frontal Sensor (EFS) (2)	At front left/right of engine compartment. See Fig. 63 .
Inflatable Restraint Front End Discriminating Sensor - Left	On left front of vehicle, by core support. See Fig. 61 .
Inflatable Restraint Front End Discriminating Sensor - Right	On right front of vehicle, by core support. See Fig. 62 .
Intake Air Temperature (IAT)/Mass Airflow (MAF) Sensor	In air induction tube. See Fig. 31 .
Knock Sensor (KS) 1	In valley, under intake manifold. See Fig. 55 .
Knock Sensor (KS) 2	In valley, under intake manifold. See Fig. 55 .
Knock Sensor Pigtail	At top of engine. See Fig. 53 .
Manifold Absolute Pressure (MAP) Sensor	On top rear of engine, on intake manifold. See Fig. 53 .
Passlock Sensor	Part of ignition lock cylinder, in steering column assembly. See Fig. 47 .
Vehicle Speed Sensor (VSS)	On rear of transfer case assembly. See Fig. 42 .
VSS Sensor	At rear of transfer case. See Fig. 59 .
Washer Fluid Level Sensor	In washer fluid reservoir. See Fig. 88 .
Wheel Speed Sensor (WSS) - LF (RF Similar)	On front wheel hub assembly. See Fig. 45 .
Wheel Speed Sensor (WSS) - LR (RR Similar)	On rear wheel hub assembly. See Fig. 45 .

SOLENOIDS & SOLENOID VALVES

SOLENOIDS & SOLENOID VALVES LOCATION

Component	Location
A/C Compressor Clutch	At lower right front of engine. See Fig. 32 .
A/C Compressor Clutch Connector	At lower right front of engine. See Fig. 32 .
Air Suspension Exhaust Valve	Attached to right side of compressor head. See Fig. 37 .
Air Suspension Exhaust Valve Connector	At air suspension exhaust valve. See Fig. 37 .
Air Suspension Inlet Valve Connector-LR/RR	At air suspension inlet valve. See Fig. 37 .
Air Suspension Inlet Valve-Left Rear	Near right front of compressor. See Fig. 37 .
Air Suspension Inlet Valve-Right Rear	Near right front of compressor. See Fig. 37 .
A/T Shift Lock Control Solenoid	Integral to floor shift assembly.
Door Latch Assembly Connector - Driver	In driver door. See Fig. 72 .
Door Latch Assembly - Driver	At rear of driver door. See Fig. 72 .
Door Latch Assembly-LR (RR Similar)	At rear of door. See Fig. 74 .
Door Latch Assembly - Passenger	At rear of passenger door. See Fig. 73 .
Door Lock Actuator-Liftgate	At lower center of liftgate. See Fig. 76 .
Evaporative Emission Canister Vent (EVAP) Solenoid	On right front side of fuel tank. See Fig. 54 .
Evaporative Emissions (EVAP) Canister Purge Solenoid	On top right front of engine. See Fig. 53 .
Fuel Injector 1	At left side of engine. See Fig. 49 .
Fuel Injector 2	At right side of engine. See Fig. 50 .
Fuel Injector 3	At left side of engine. See Fig. 49 .
Fuel Injector 4	At right side of engine. See Fig. 50 .
Fuel Injector 5	At left side of engine. See Fig. 49 .
Fuel Injector 6	At right side of engine. See Fig. 50 .
Fuel Injector 7	At left side of engine. See Fig. 49 .
Fuel Injector 8	At right side of engine. See Fig. 50 .
Ignition Lock Cylinder Control Actuator	Behind ignition switch assembly. See Fig. 67 .
Ignition Lock Cylinder Control Actuator Connector	At ignition lock cylinder. See Fig. 67 .
Pressure Control (PC) Solenoid Valve	In automatic transmission. See Fig.

	<u>57</u> .
Rear Differential Lock Actuator	On rear axle, at top of differential housing. See Fig. 40 .
Starter Solenoid	At right rear of engine. See Fig. 46 .
Torque Converter Clutch Pulse Width Modulation (TCC PWM) Solenoid Valve	In automatic transmission. See Fig. 57 .
Torque Converter Clutch (TCC) Solenoid Valve	In automatic transmission. See Fig. 57 .
1-2 Shift Solenoid (SS) Valve	At rear of transmission. See Fig. 57 .
2-3 Shift Solenoid (SS) Valve	At rear of transmission. See Fig. 57 .
3-2 Shift Solenoid (SS) Valve Assembly	In transmission. See Fig. 57 .

SWITCHES

SWITCHES LOCATION

Component	Location
A/C Low Pressure Switch	On right side of accumulator. See Fig. 31 .
A/C Refrigerant Pressure Switch	At right front of engine. See Fig. 32 .
Air Suspension Inflator Switch	Near right "D" pillar. See Fig. 38 .
Air Suspension Inflator Switch Connector	At right rear frame body mount. See Fig. 24 .
Automatic Transmission Fluid Pressure (TFP) Manual Valve Position Switch	In automatic transmission. See Fig. 57 .
Brake Fluid Level Switch Connector	On left side of brake fluid reservoir. See Fig. 43 .
Coolant Level Switch	In coolant reservoir. See Fig. 31 .
Door Lock Switch - Rear	Near right "D" pillar. See Fig. 38 .
Engine Oil Level Switch	On lower right side of oil pan. See Fig. 52 .
Ignition Key Alarm Switch	On ignition key cylinder. See Fig. 47 .
Ignition Switch	On steering column. See Fig. 47 .
Inflatable Restraint I/P Module Disable Switch	Behind right side of dash. See Fig. 63 .
Liftgate Ajar Switch-Left	At lower left side of liftgate. See Fig. 76 .
Liftgate Ajar Switch-Right	At lower right side of liftgate. See Fig. 76 .
Park Brake Switch Connector	Part of parking brake assembly. See Fig. 44 .

PNP Switch	On left side of transmission. See Fig. 58 .
Seat Belt Switch Connector	At right side of driver seat. See Fig. 60 .
Stop Lamp Switch	On top of brake pedal bracket. See Fig. 56 .

MISCELLANEOUS

MISCELLANEOUS LOCATION

Component	Location
Accessory Power Outlet-LR (Console)	At rear of center console. See Fig. 6 .
Accessory Power Outlet-RR (Console)	At rear of center console. See Fig. 6 .
Accessory Power Outlet-RR (Rear Cargo Storage Bin)	At rear of rear cargo storage bin. See Fig. 7 .
Accessory Power Outlet (2)	At center of dash. See Fig. 5 .
Audio Amplifier	Under front floor console, between front seats. See Fig. 68 .
Battery	At left side of engine compartment. See Fig. 63 .
Cell Phone/GPS Antenna	At left front of roof. See Fig. 64 .
Cellular & Navigation Antenna	At top left front of roof. See Fig. 68 .
Cellular Telephone Microphone	In left roof rail, forward of "B" pillar. See Fig. 33 .
Data Link Connector (DLC)	Under left side of dash, below steering column. See Fig. 16 .
Electric Locking Differential Case Assembly	Integral to lock differential. See Fig. 39 .
Generator	At top left of engine. See Fig. 46 .
Global Positioning System (GPS) Antenna (I/P)	On dash. See Fig. 69 .
Heated Seat Element Connector-LR	Under left side of 2nd row seat. See Fig. 87 .
Heated Seat Element Connector-RR	Under right side of 2nd row seat. See Fig. 87 .
Heated Seat Element-Driver Cushion	In driver seat. See Fig. 60 .
Heated Seat Element-Driver Cushion Connector	In driver seat. See Fig. 60 .
Heated Seat Element-Passenger Cushion Connector (W/KA7)	Under front passenger seat. See Fig. 86 .
Horn Connector-High Note	At horn. See Fig. 77 .
Horn-High Note	On left lower corner of radiator core

	support. See Fig. 77 .
Horn-Low Note	On right lower corner of radiator core support. See Fig. 77 .
Ignition Coil 1	At left side of engine. See Fig. 49 .
Ignition Coil 2	At right side of engine. See Fig. 50 .
Ignition Coil 3	At left side of engine. See Fig. 49 .
Ignition Coil 4	At right side of engine. See Fig. 50 .
Ignition Coil 5	At left side of engine. See Fig. 49 .
Ignition Coil 6	At right side of engine. See Fig. 50 .
Ignition Coil 7	At left side of engine. See Fig. 49 .
Ignition Coil 8	At right side of engine. See Fig. 50 .
Junction Block - Battery Cable	At left side of engine. See Fig. 46 .
Locking Differential Coil Assembly	Integral to lock differential. See Fig. 39 .
Longitudinal Accelerometer	Behind center of dash. See Fig. 45 .
Navigation Radio Antenna (UM8)	Behind right side of dash. See Fig. 68 .
Noise Cancellation Microphone	Mounted inside overhead console. See Fig. 70 .
Parking Brake Assembly	Under left side of dash. See Fig. 44 .
Radio Antenna	At right front of vehicle. See Fig. 69 .
RCDLR (Part Of The Front Passenger Door Module)	In front passenger door module. See Fig. 71 .
SIR Coil	At top of steering column. See Fig. 35 .
Starter	At right rear of engine. See Fig. 46 .
Stud #1	On underhood fuse block. See Fig. 1 .
Stud #2-Trailer Connector Power Feed	On underhood fuse block. See Fig. 1 .
Theft Deterrent Control Module Electric Park Lock	In steering column. See Fig. 36 .
Trailer Receptacle	At rear bumper fascia. See Fig. 26 .

CONNECTORS

CONNECTORS LOCATION

Component	Location
C100 (Black, 16 Pin)	Below underhood fuse block. See Fig. 97 .
C101 (Black, 10 Pin)	Below underhood fuse block. See Fig. 90 .
C102 (Black, 12 Pin)	On rear side of underhood fuse block. See Fig. 1 .
C103 (Forward Lamp Harness Side) (Black, 14 Pin)	Attached to front side of underhood fuse block. See Fig. 100 .
C103 (I/P Harness Side) (Black, 14 Pin)	Attached to front side of underhood fuse block. See Fig. 100 .

C104 (Black, 12 Pin)	Near underhood fuse block. See Fig. 90 .
C105 (Black, 1 Pin)	Near wheelwell. See Fig. 90 .
C106 (Blue, 12 Pin)	Below underhood fuse block. See Fig. 90 .
C115 (Black, 2 Pin)	At top left rear of engine, in engine harness. See Fig. 53 .
C158 (Ignition Coil Inline) (Light Gray, 8 Pin)	In engine harness to odd ignition coil harness. See Fig. 50 .
C175 (Gray, 20 Pin)	At right side of automatic transmission. See Fig. 96 .
C200 (I/P Harness Side) (Black, 16 Pin)	Behind left side of dash. See Fig. 14 .
C201 (I/P Harness Side) (Yellow, 4 Pin)	On left side of dash, behind left kick panel. See Fig. 14 .
C202 (I/P To Steering Column Harness) (Black, 52 Pin)	Attached to transfer case shift control bracket. See Fig. 95 .
C203 (I/P To Steering Column Harness) (Yellow, 2 Pin)	Below steering column. See Fig. 95 .
C210 (I/P harness side) (Black, 12 Pin)	At bottom left side of dash. See Fig. 80 .
C277 (Black, 8 Pin)	In top of steering column.
C298 (I/P To Body Harness) (Light Gray, 22 Pin)	Behind right kick panel. See Fig. 95 .
C310 (Black, 17 Pin)	At left side "B" pillar. See Fig. 93 .
C311 (Black, 3 Pin)	At base of left roof rail, above driver.
C320 (Black, 6 Pin)	Under left rear seat. See Fig. 87 .
C325 (Black, 16 Pin)	Under driver's seat. See Fig. 84 .
C326 (Light Gray, 13 Pin)	In driver's seat harness, under driver's seat. See Fig. 84 .
C327 (Light Blue, 24 Pin)	In driver's seat harness, under driver's seat. See Fig. 101 .
C328 (White, 10 Pin)	In driver's seat harness, under driver's seat. See Fig. 84 .
C329 (Black 6 Pin)	In driver's seat harness, under driver's seat. See Fig. 84 .
C330 (Gray, 6 Pin)	In driver's seat harness, under driver's seat. See Fig. 84 .
C333 (Black, 8 Pin)	In driver's seat harness, under driver's seat. See Fig. 60 .
C350 (Console Harness Side) (Light Gray, 22 Pin)	Under front floor console. See Fig. 102 .
C350 (I/P Harness Side) (Light Gray, 22 Pin)	Under front floor console. See Fig. 102 .

C355 (Black, 8 Pin)	At front of audio amplifier. See Fig. 93 .
C375 (Black, 16 Pin)	Under passenger seat. See Fig. 85 .
C376 (Black, 6 Pin)	Under passenger seat. See Fig. 85 .
C377 (Gray, 6 Pin)	Under passenger seat. See Fig. 86 .
C378 (Black, 4 Pin)	Under passenger seat. See Fig. 86 .
C380 (Black, 6 Pin)	Under right rear seat. See Fig. 87 .
C390 (White, 17 Pin)	At right side "B" pillar. See Fig. 75 .
C420 (Medium Gray, 12 Pin)	At top left area of liftgate. See Fig. 92 .
C450 (Black, 2 Pin)	At rear underside of vehicle, attached to air suspension assembly. See Fig. 37 .
C451 (Black, 16 Pin)	At rear underside of vehicle, attached to air suspension assembly. See Fig. 37 .
C900 (Black, 12 Pin)	Inside top left body opening of liftgate. See Fig. 103 .
Inline C148 (Light Gray, 8 Pin)	In engine harness to odd ignition coil harness. See Fig. 49 .

GROUNDS

GROUNDS LOCATION

Component	Location
Fuel Tank Filler Ground	At left rear frame body mount. See Fig. 23 .
G100	At left side of engine compartment. See Fig. 46 .
G100-Forward Lamp Harness	On left front frame body mount. See Fig. 10 .
G100-Negative Battery Cable	On left front frame body mount. See Fig. 10 .
G102-Engine Harness Ground	At left front side of engine block. See Fig. 12 .
G102-Negative Battery Cable	At left front side of engine block. See Fig. 12 .
G103	At top right rear of engine. See Fig. 53 .
G103-Engine Harness Ground	At top right rear of engine. See Fig. 11 .
G104	At top left rear of engine. See Fig. 11 .
G105-Engine Harness Ground	At lower left side of engine. See Fig. 78 .
G105-Negative Battery Cable	At lower left side of engine. See Fig. 78 .
G106	At right rear of engine compartment, on forward dash panel. See Fig. 13 .

G200	On left side of dash, near left kick panel. See Fig. 14 .
G203	At lower right side of dash, near right kick panel. See Fig. 15 .
G300	On left side body mount, in front of driver door. See Fig. 8 .
G302	At left inner center "B" pillar. See Fig. 18 .
G304	Under passenger seat. See Fig. 19 .
G306	At right inner center "B" pillar. See Fig. 20 .
G308	At right frame body mount, near right rear door. See Fig. 21 .
G310	At left body mount. See Fig. 22 .
G401	At left rear frame body mount. See Fig. 23 .
G402	Attached to front of air suspension mounting bracket. See Fig. 91 .
G405	At right rear frame body mount. See Fig. 24 .
G410	On right rear inner side body panel. See Fig. 25 .

SPLICES

SPLICES LOCATION

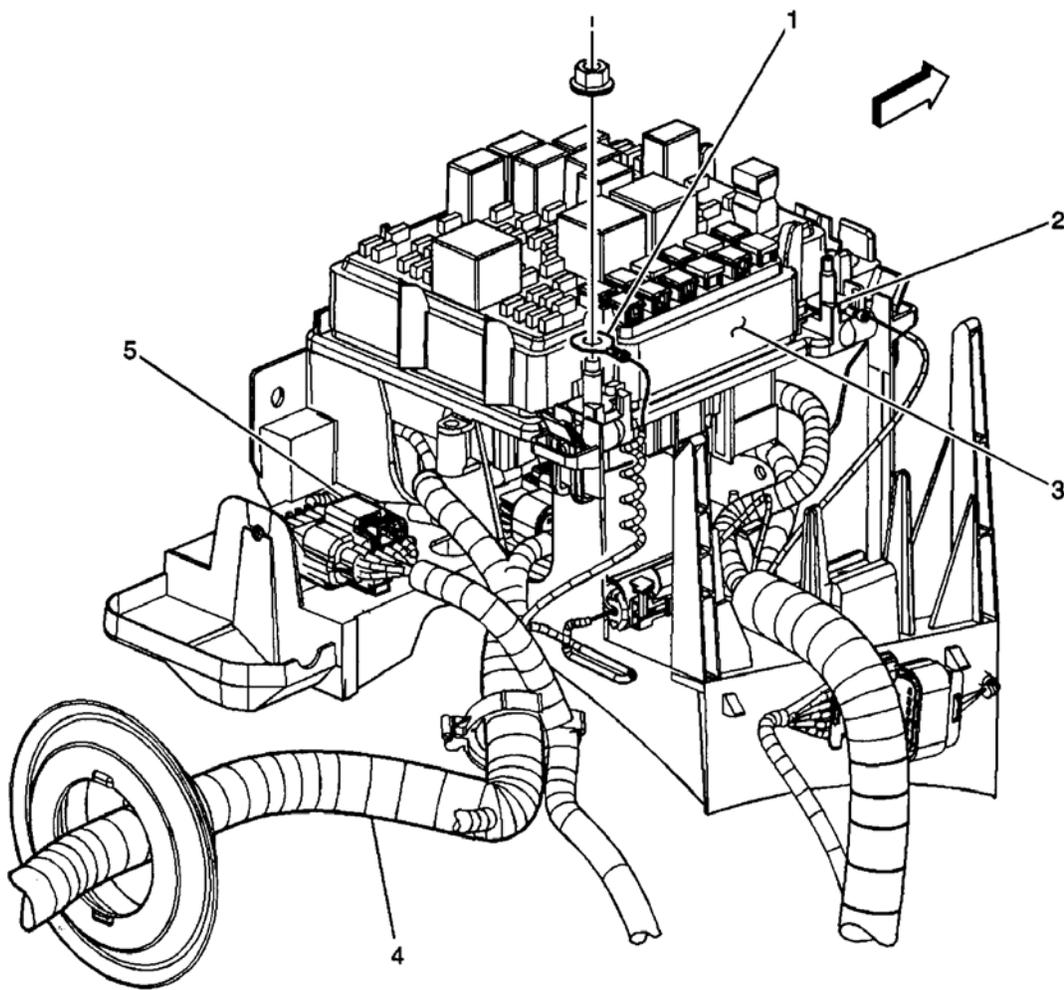
Component	Location
SP205	In I/P harness, on left side of dash, near footwell courtesy lamp. See Fig. 16 .
SP206	In I/P harness, on left side of dash, near steering column in-line connector. See Fig. 9 .
SP207	In body harness, on left side of dash, near left kick panel. See Fig. 17 .
SP410	Inside right rear cargo area, at middle of right rear "D" pillar. See Fig. 25 .
S100	In forward lamp harness, 28 cm from junction of left horn harness to forward lamp harness. See Fig. 98 .
S101	In forward lamp harness, 5 cm from ambient temperature sensor harness. See Fig. 99 .
S102	In engine harness, 4 cm from knock sensor connector. See Fig. 97 .
S103	In engine harness, 10 cm from junction of fuel injector No. 3 harness to engine harness. See Fig. 97 .
S104	In engine harness, 30 cm from junction of fuel injector No. 3 harness to engine harness. See Fig. 97 .
S140	In ignition coil harness.
S141	In ignition coil harness.
S142	In ignition coil harness.
S160	In ignition coil harness.
S161	In ignition coil harness.
S162	In ignition coil harness.

S210	In I/P harness, 8.5 cm from junction of instrument cluster connector harness to I/P harness. See Fig. 94 .
S211	In I/P harness, 15 cm from junction of instrument cluster connector harness to I/P harness. See Fig. 94 .
S212	In I/P harness, 29.5 cm from junction of instrument cluster connector harness to I/P harness. See Fig. 94 .
S213	In I/P harness, 45.4 cm from junction of instrument cluster connector harness to I/P harness. See Fig. 94 .
S214	In I/P harness, 50.4 cm from junction of instrument cluster connector harness to I/P harness. See Fig. 94 .
S215	In I/P harness, 5.5 cm from junction of air temperature sensor. See Fig. 94 .
S216	In I/P harness, 2.5 cm from junction of air temperature sensor. See Fig. 94 .
S217	In I/P harness, 25.4 cm from headlamp panel dimmer switch. See Fig. 94 .
S218	In steering column harness.
S219	In steering column harness.
S290	In I/P harness, 6.5 cm from junction of I/P compartment lamp to I/P harness. See Fig. 94 .
S300	In headliner harness, 10 cm from junction of courtesy/reading lamp center harness to headliner harness.
S301	In headliner harness, at top of left "A" pillar near corner of windshield. See Fig. 83 .
S302	In headliner harness, near middle of left "A" pillar. See Fig. 83 .
S303	In roof-marker harness, 22 cm from right front marker lamp connector. See Fig. 64 .
S304	In chassis harness, 21.5 cm from G300. See Fig. 8 .
S305	In headliner harness, 5 cm from top mounting clip. See Fig. 83 .
S306	In left rear seat harness.
S307	In body harness, 37.5 cm from C312. See Fig. 92 .
S310	In body harness, 8.5 cm from right "B" pillar courtesy lamp harness junction to body harness. See Fig. 93 .
S326	In driver seat jumper harness, 5 cm from junction of C330 & C328.
S327	In driver seat jumper harness, 10 cm from junction of C330 & C328.
S328	In driver seat jumper harness, 4.5 cm from memory seat module C3.
S345	In roof marker harness, 16.5 cm from junction of right center roof lamp connector to roof marker harness. See Fig. 64 .
S350	In console harness, 7 cm from junction of body harness in-line C355 to floor console harness. See Fig. 89 .
S351	In console harness, 28.5 cm from junction of body harness in-line C355 to floor console harness. See Fig. 89 .
S375	In chassis harness, 63.5 cm from rear differential lock actuator, on chassis harness.

S376	In chassis harness, 63.5 cm from rear differential lock actuator, on chassis harness.
S380	In passenger seat harness, 21 cm from seat adjuster switch, between lumbar bolster switch & seat adjuster switch, on right side of seat.
S381	In passenger seat harness, 16 cm from lumbar bolster switch.
S390	In body harness, 18.5 cm from junction of SIR module. See Fig. 93 .
S391	In chassis harness, 15 cm from junction of right rear air suspension sensor. See Fig. 91 .
S392	In chassis harness, 30 cm from junction of right rear air suspension harness to chassis harness. See Fig. 91 .
S393	In right rear seat harness, 34 cm from heated seat module.
S411	In body harness, 15.2 cm from junction of left rear marker lamp to body harness. See Fig. 92 .
S412	In body harness, 27.5 cm from junction of left rear side marker lamp to body harness. See Fig. 92 .
S413	At rear underside of vehicle, in air suspension harness.
S414	At rear underside of vehicle, in air suspension harness.
S480	In body harness, 28 cm from junction of C420.
S720	In right rear door harness, 12 cm from junction of speaker connector harness to door harness.
S820	In left door harness, 11.5 cm from junction of door courtesy lamp connector harness to door harness.
S900	At left side of liftgate, near junction of right rear defogger connector to liftgate harness. See Fig. 76 .
S901	At lower right side of liftgate, 10 cm from junction of rear wiper motor connector to liftgate harness. See Fig. 76 .
S902	At lower right side of liftgate, 6.5 cm from right liftgate ajar switch junction to liftgate harness. See Fig. 76 .

COMPONENT LOCATION GRAPHICS

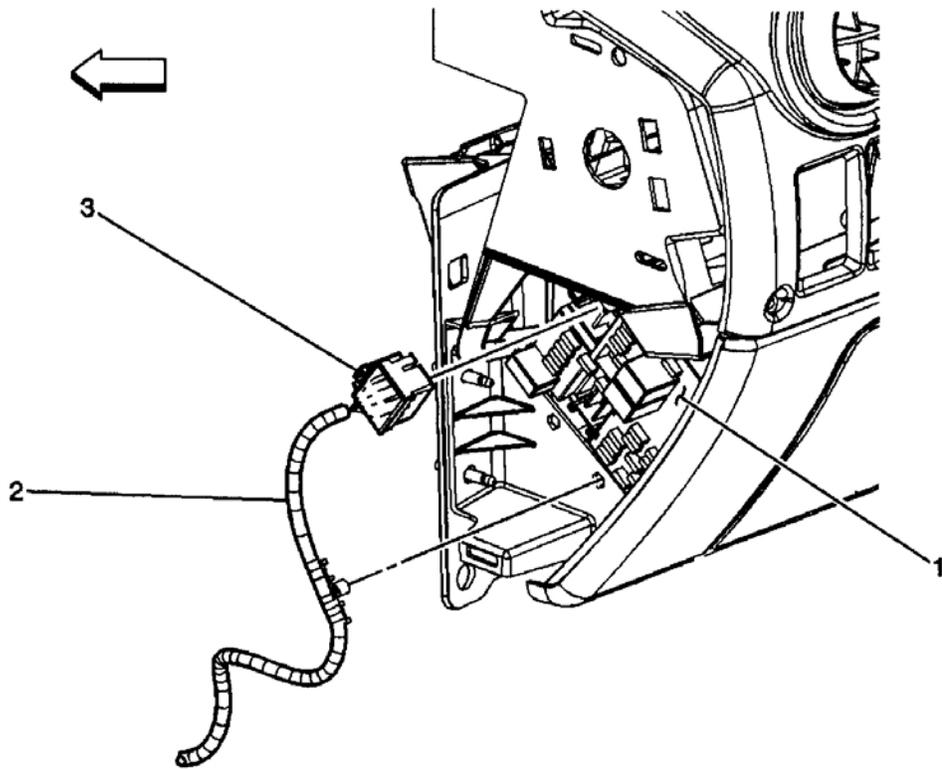
NOTE: Figures may show multiple component locations. Refer to appropriate table for proper figure references.



- (1) Stud #2-Trailer Connector Power Feed
- (2) Stud #1
- (3) Fuse Block-Underhood
- (4) IP Harness
- (5) C102

G00261836

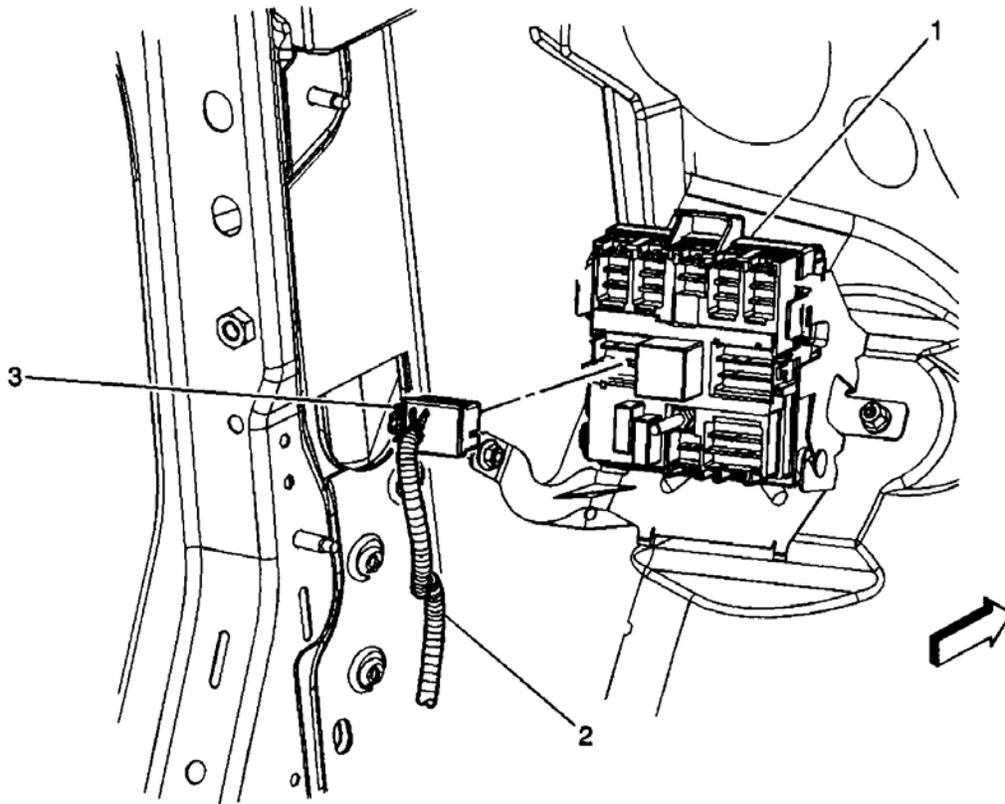
Fig. 1: Engine Compartment
Courtesy of GENERAL MOTORS CORP.



- (1) Fuse Block-I/P
- (2) Driver Door Harness
- (3) Fuse Block-I/P-C3 (BLK)

G00261837

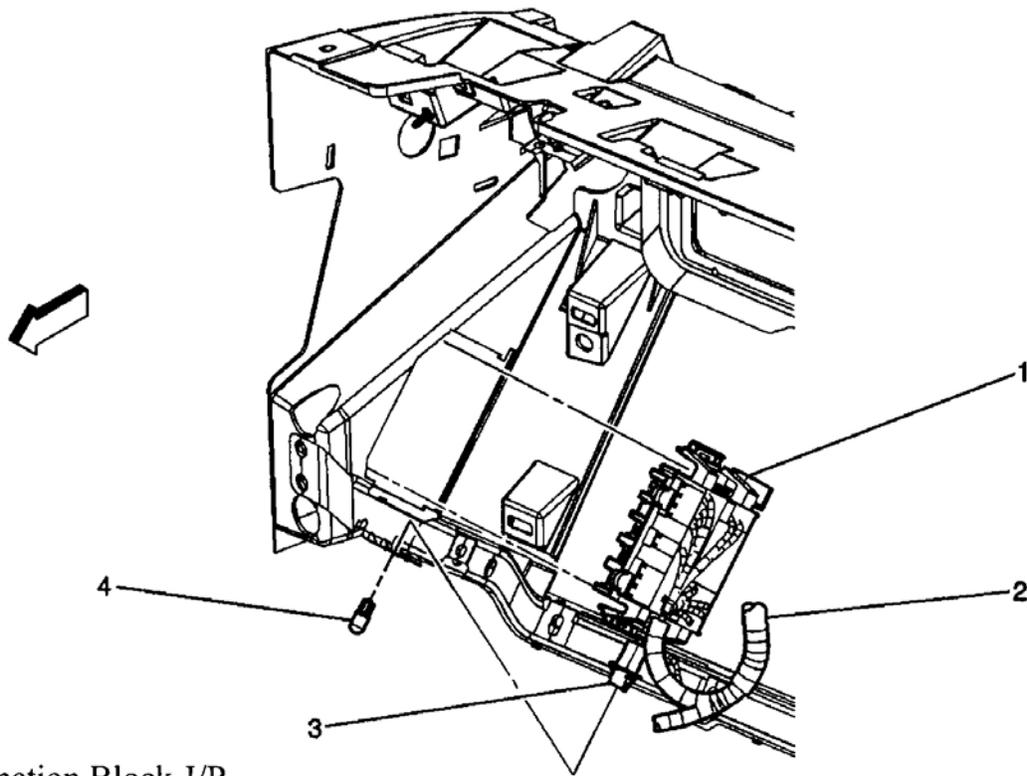
Fig. 2: Left End Of Dash
Courtesy of GENERAL MOTORS CORP.



- (1) Relay Block-I/P
- (2) Body Harness
- (3) Relay Block-I/P-C10 (NAT)

G00261838

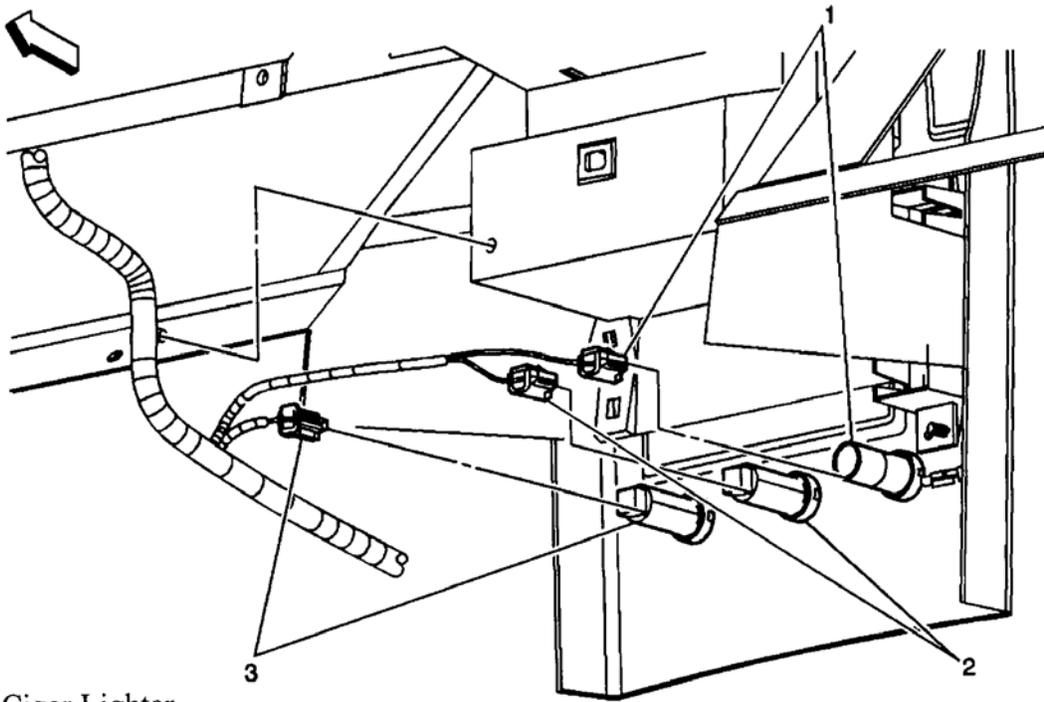
Fig. 3: Left End Of Dash
Courtesy of GENERAL MOTORS CORP.



- (1) Junction Block-I/P
- (2) I/P Harness
- (3) Footwell Courtesy Lamp Socket-Right
- (4) Footwell Courtesy Lamp Bulb-Right

G00262079

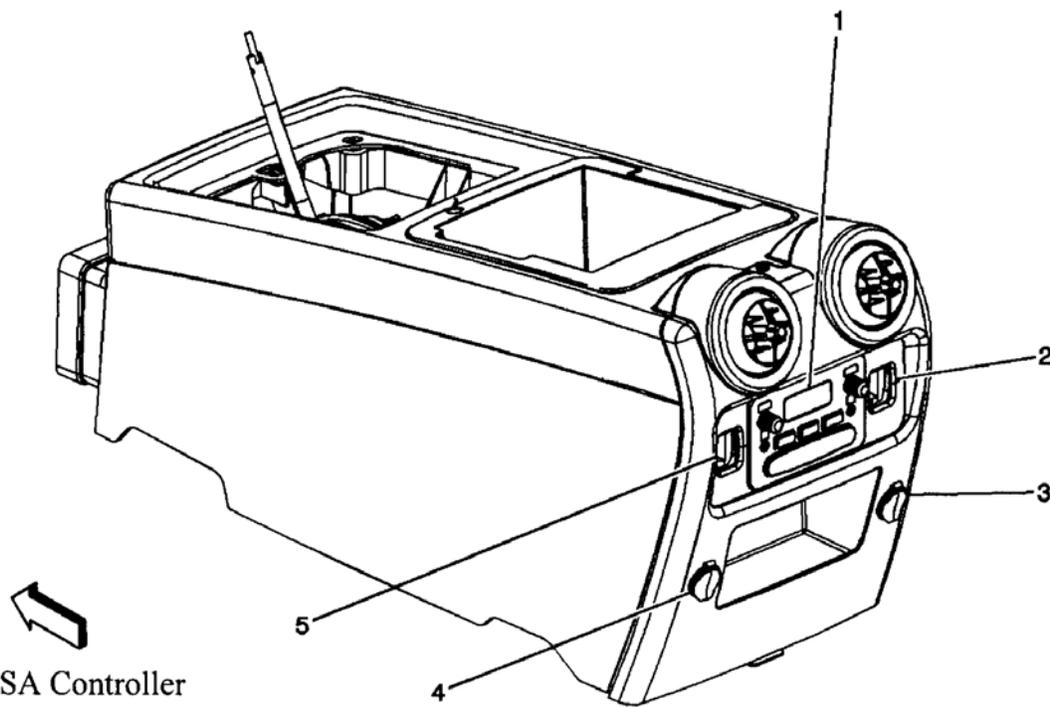
Fig. 4: Right Side Of Dash
Courtesy of GENERAL MOTORS CORP.



- (1) Cigar Lighter
- (2) Accessory Power Outlet
- (3) Accessory Power Outlet

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Fig. 5: Center Of Dash
Courtesy of GENERAL MOTORS CORP.



(1) RSA Controller

(2) Heated Seat Switch-RR

(3) Accessory Power Outlet-RR

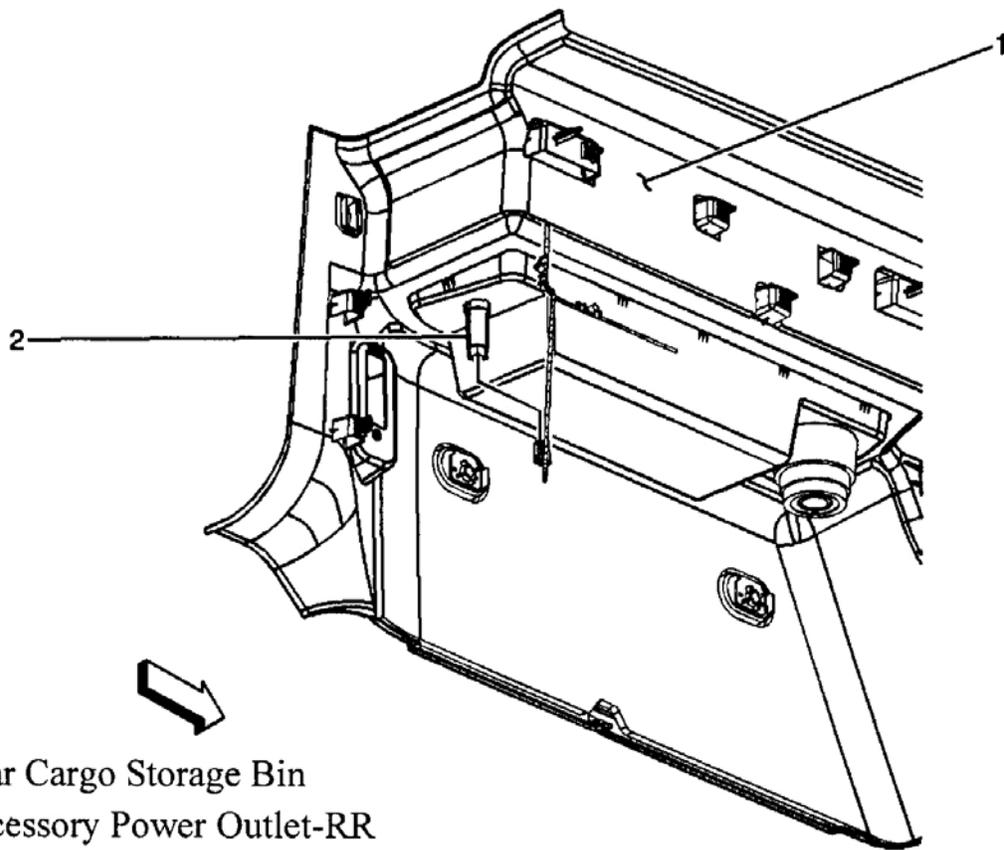
(4) Accessory Power Outlet-LR

(5) Heated Seat Switch-LR

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Fig. 6: Front Floor Console

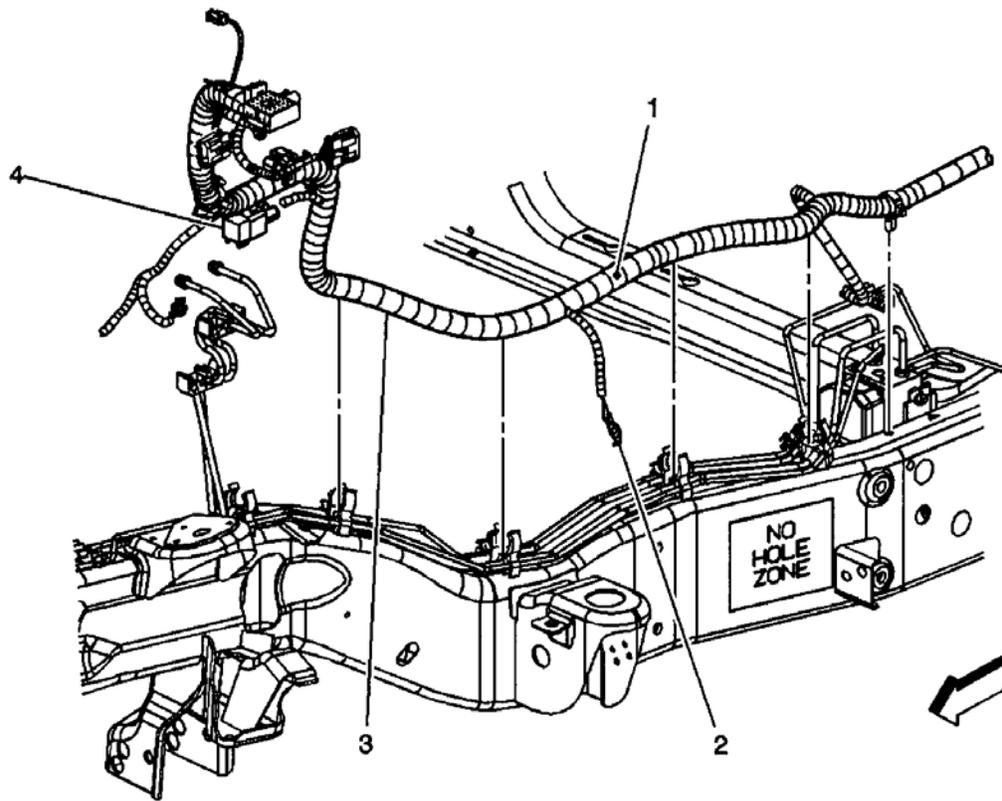
Courtesy of GENERAL MOTORS CORP.



- (1) Rear Cargo Storage Bin
- (2) Accessory Power Outlet-RR

G00262082

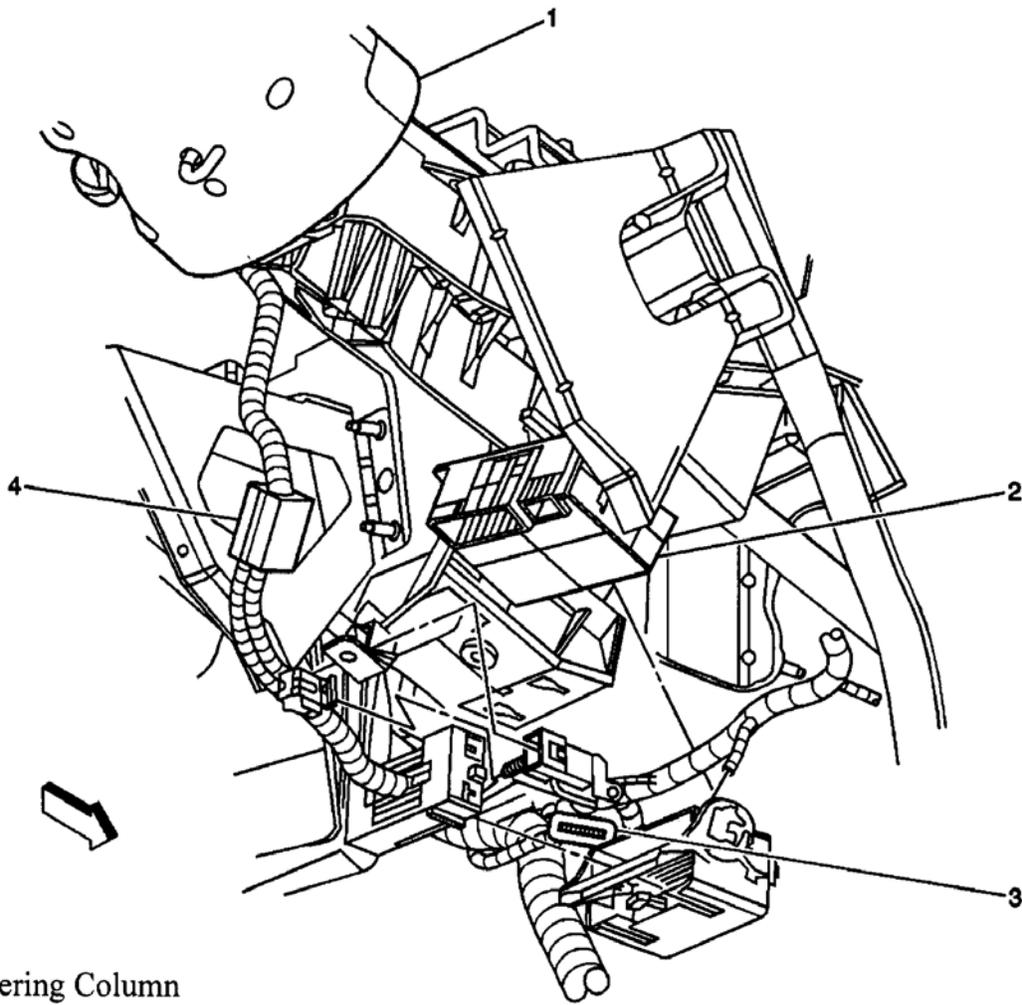
Fig. 7: Rear Cargo Storage Bin
Courtesy of GENERAL MOTORS CORP.



- (1) S304
- (2) G300
- (3) Chassis Harness
- (4) Electronically Controlled Air Suspension Relay

G00262083

Fig. 8: Left Rear Frame Rail
Courtesy of GENERAL MOTORS CORP.

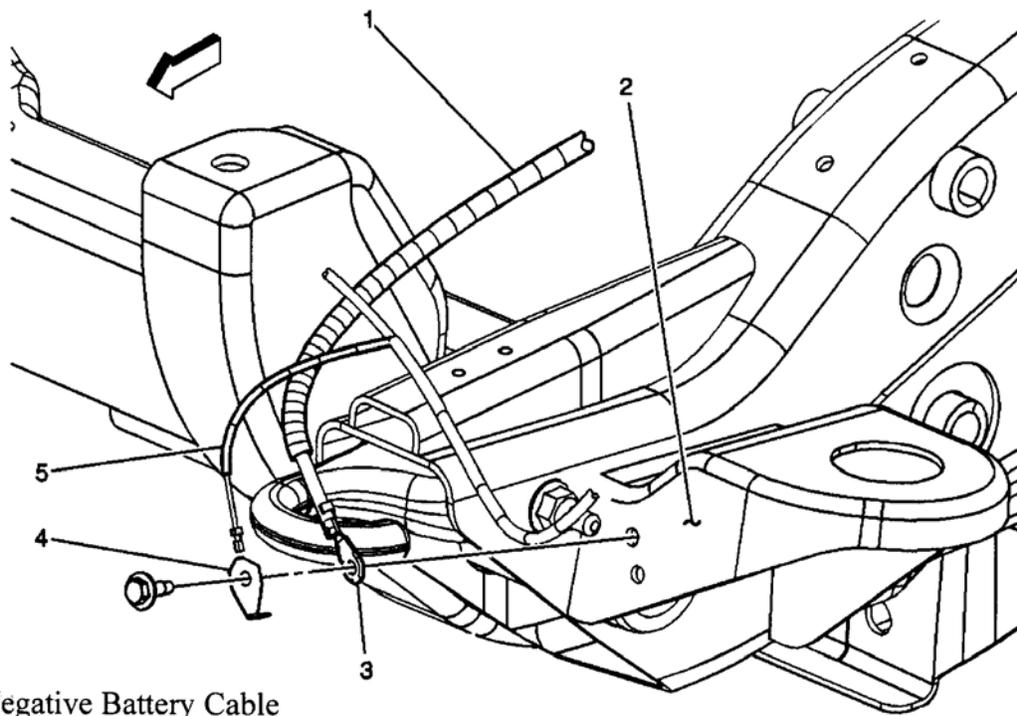


- (1) Steering Column
- (2) Transfer Case Shift Control Module
- (3) Splice Pack SP206
- (4) Steering Wheel Controls Backlight Fuse

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Fig. 9: Left Side Of Dash

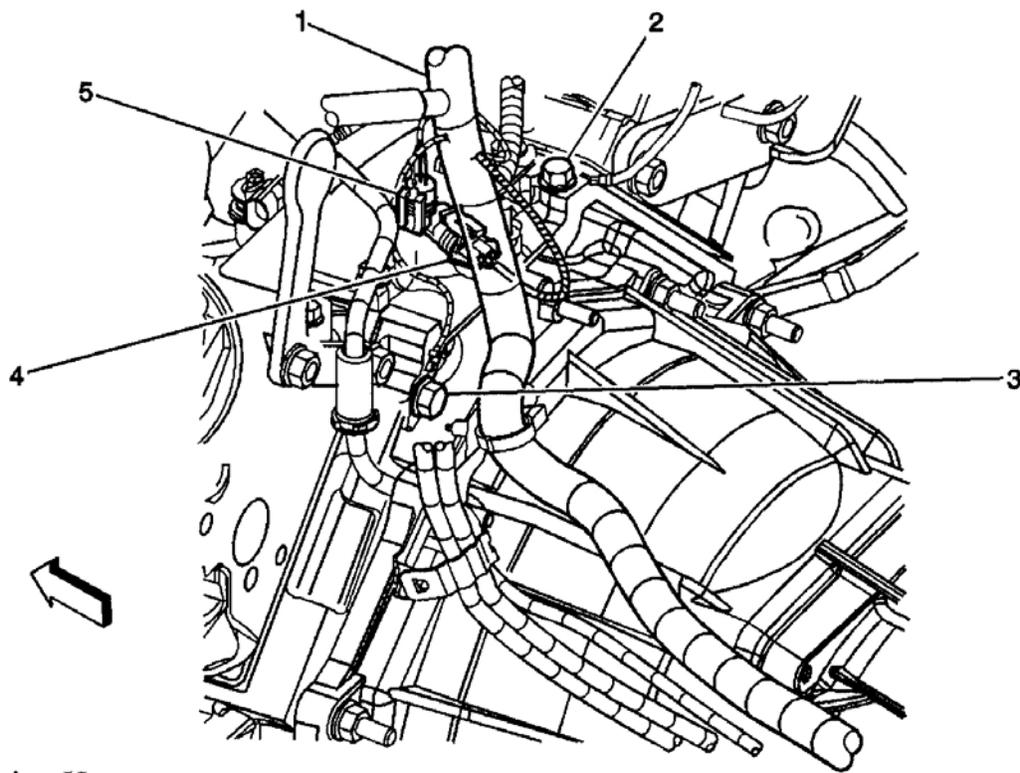
Courtesy of GENERAL MOTORS CORP.



- (1) Negative Battery Cable
- (2) Left Front Frame Rail
- (3) G100-Negative Battery cable
- (4) G100-Forward Lamp Harness
- (5) Forward Lamp Harness

G00262085

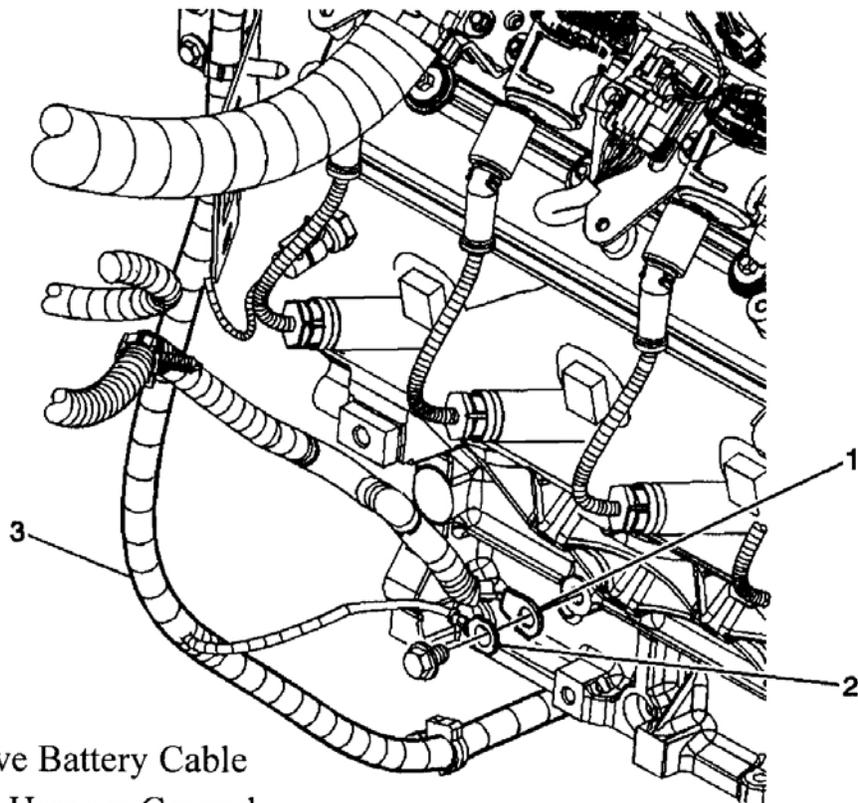
Fig. 10: Left Front Frame Rail
Courtesy of GENERAL MOTORS CORP.



- (1) Engine Harness
- (2) G103-Engine Harness Ground
- (3) G104
- (4) Camshaft Position (CMP) Sensor Connector
- (5) Engine Oil Pressure (EOP) Sensor Connector

G00262086

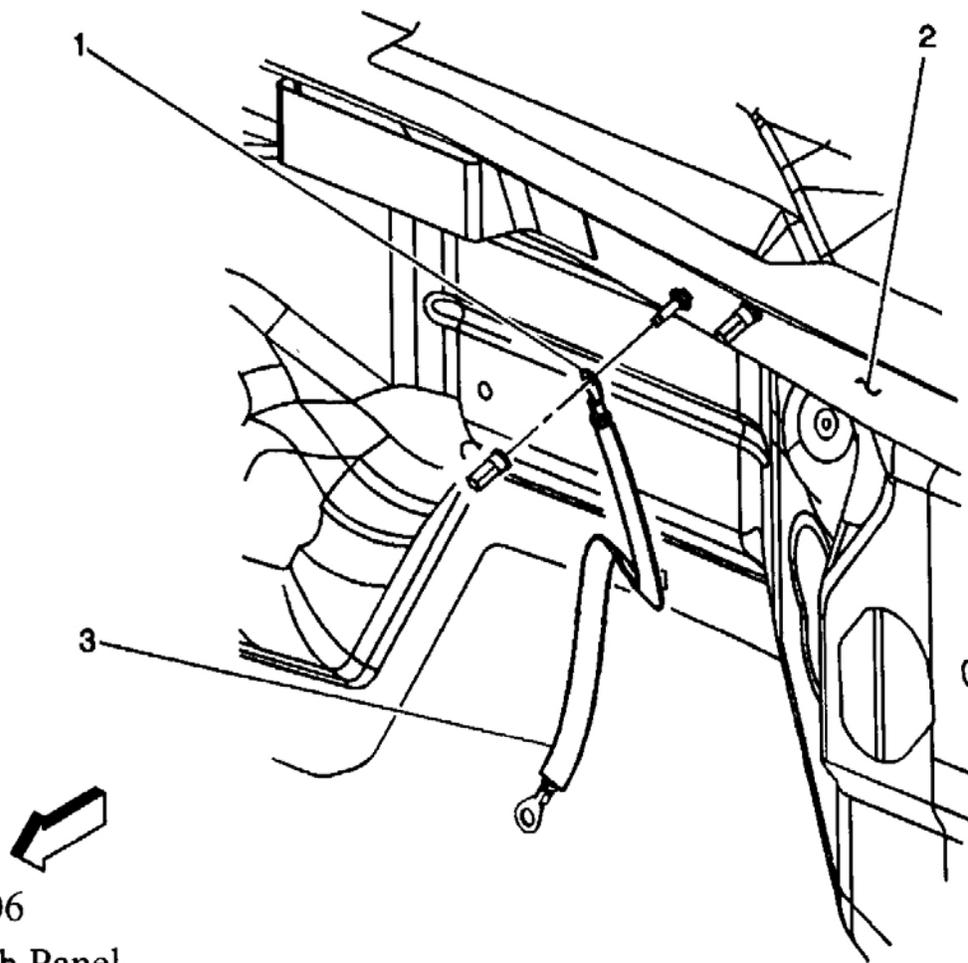
Fig. 11: Left Rear Of Engine
Courtesy of GENERAL MOTORS CORP.



- (1) G102-Negative Battery Cable
(2) G102-Engine Harness Ground
(3) Engine Harness

G00262087

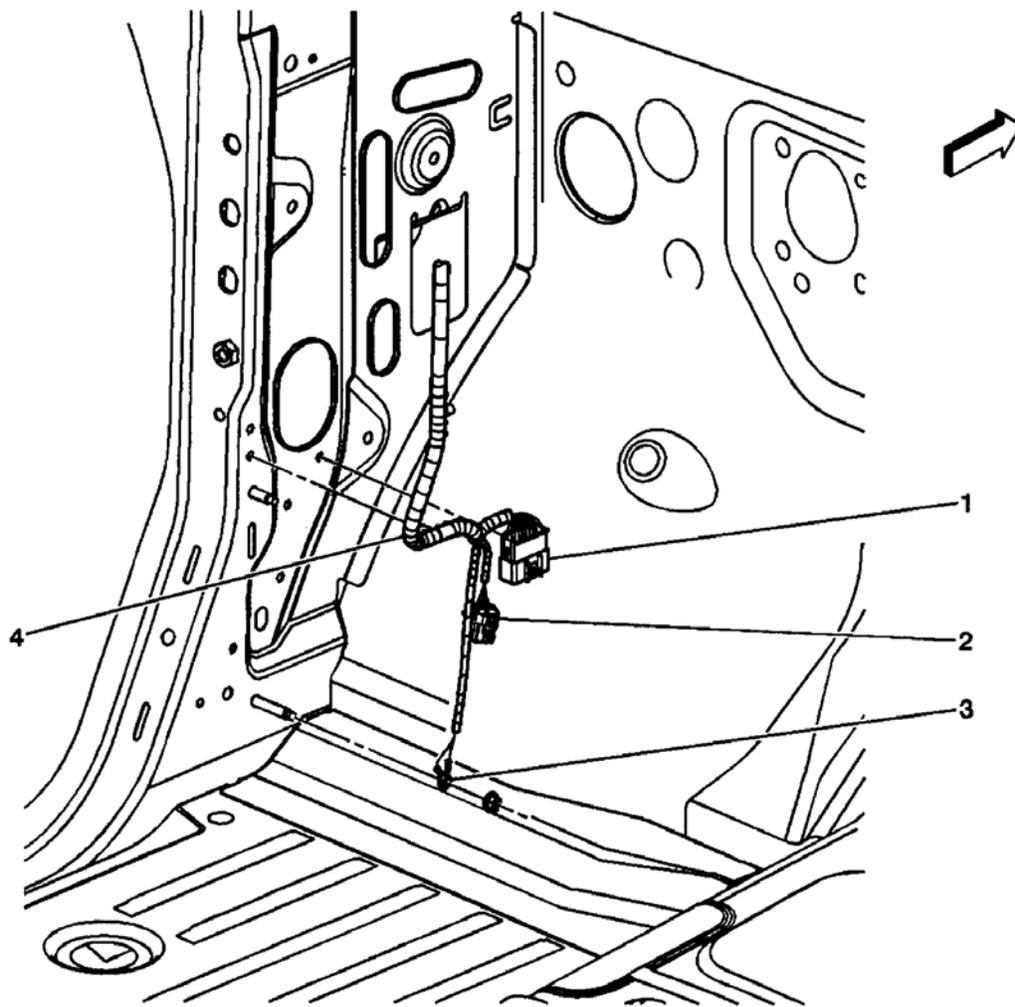
Fig. 12: Left Side Of Engine
Courtesy of GENERAL MOTORS CORP.



- (1) G106
(2) Dash Panel
(3) Engine Ground Strap

G00262088

Fig. 13: Rear Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.

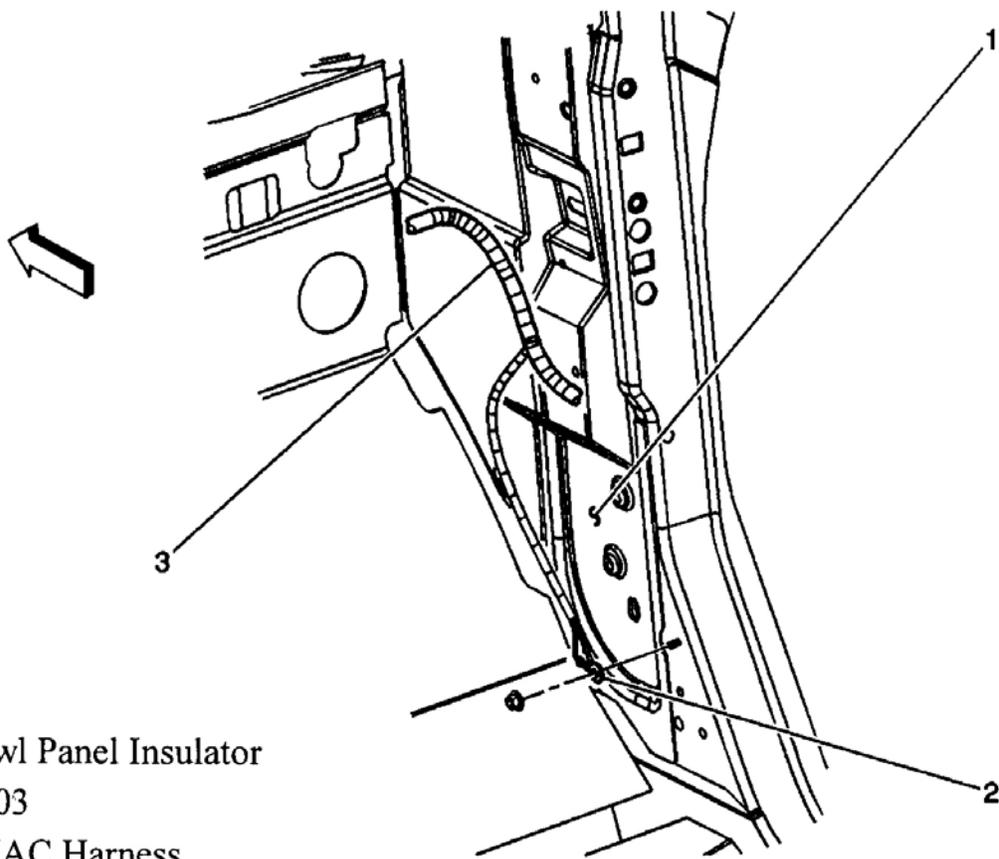


- (1) C200-I/P Harness Side
- (2) C201-I/P Harness Side
- (3) G200
- (4) I/P Harness

G00262089

Fig. 14: Left Kick Panel

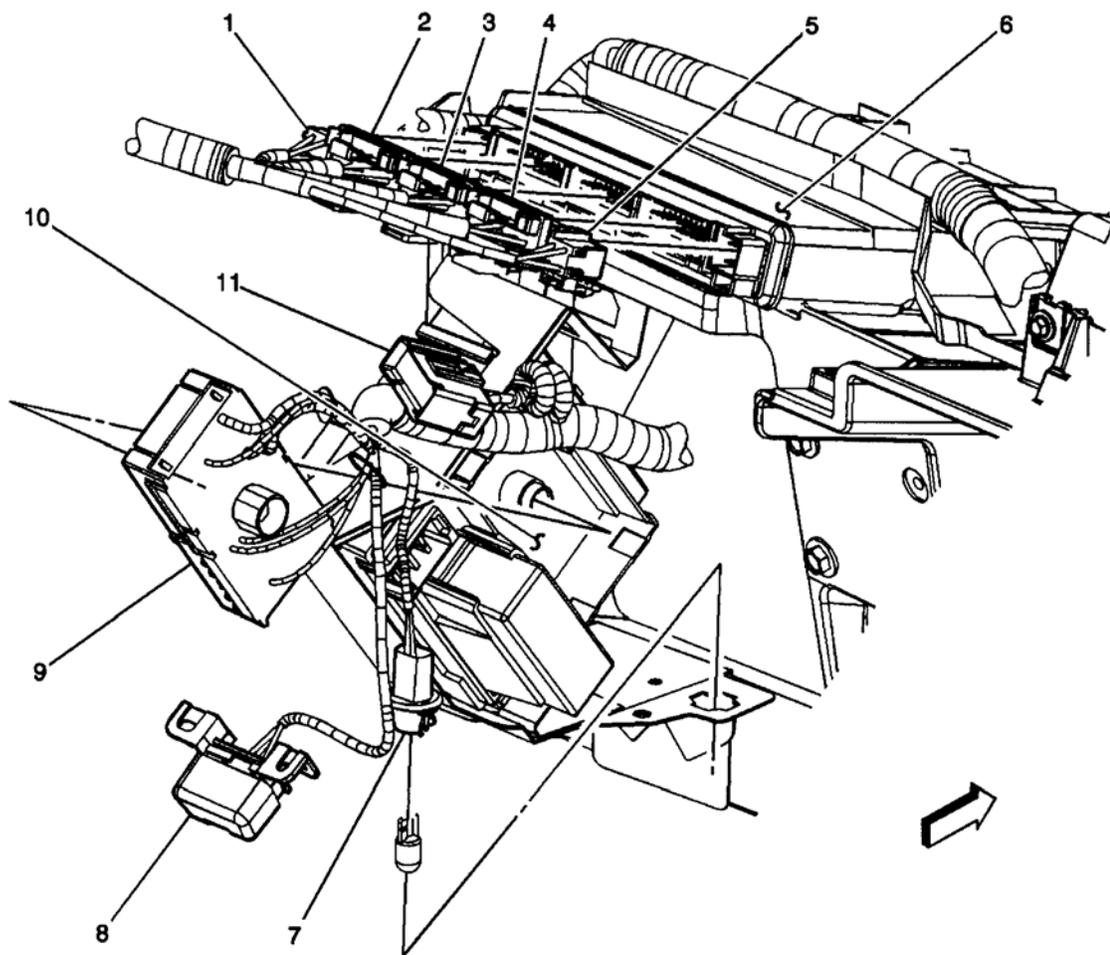
Courtesy of GENERAL MOTORS CORP.



- (1) Cowl Panel Insulator
- (2) G203
- (3) HVAC Harness

G00262090

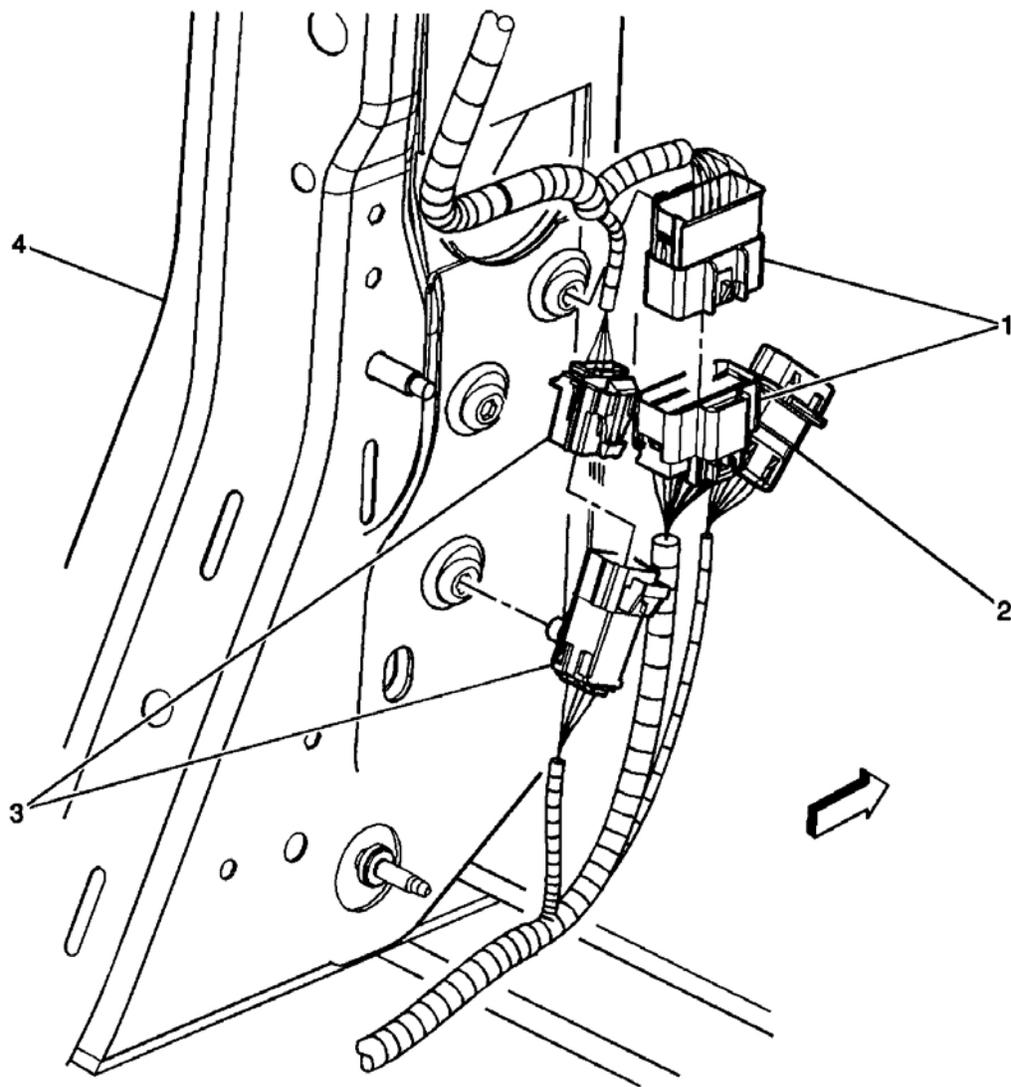
Fig. 15: Right Kick Panel
Courtesy of GENERAL MOTORS CORP.



- | | |
|---|---------------------------------|
| (1) BCM-C1 | (10) Fuse Block-IP Center Block |
| (2) BCM-C2 | (11) Splice Pack SP205 |
| (3) BCM-C4 | |
| (4) BCM-C3 | |
| (5) BCM-C5 | |
| (6) Body Control Module (BCM) | |
| (7) Footwell Courtesy Lamp-Left (If Equipped) | |
| (8) Data Link Connector (DLC) | |
| (9) Fuse Block-IP-C1 | |

G00262091

Fig. 16: Left Side Of Dash
Courtesy of GENERAL MOTORS CORP.

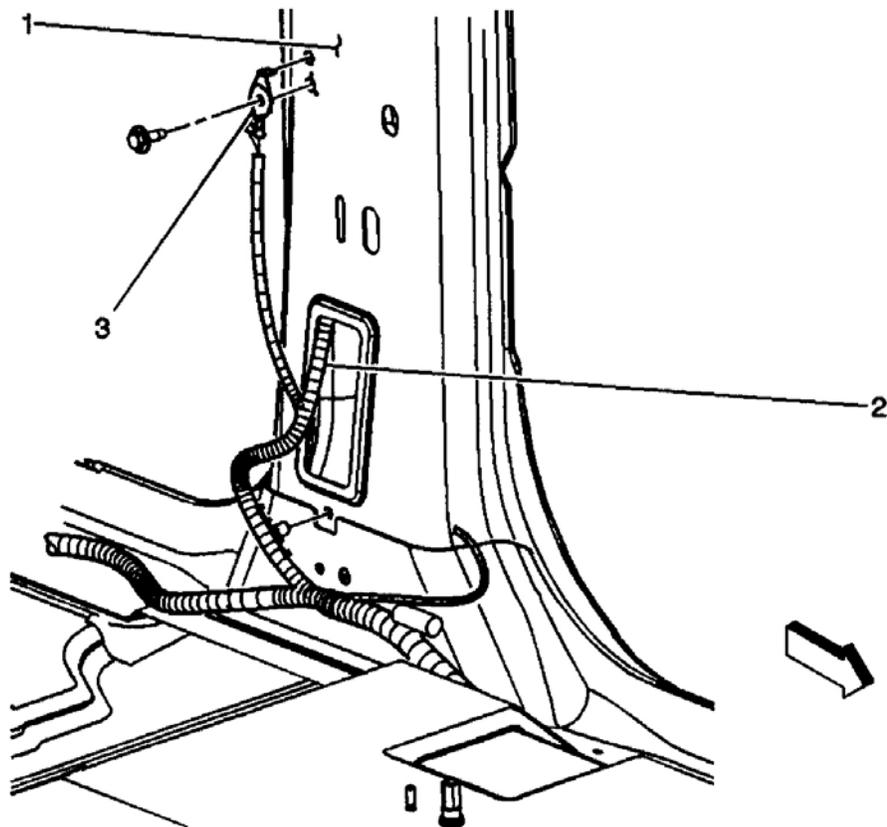


- (1) C200
- (2) Splice Pack SP207
- (3) C201
- (4) Left Side Cowl Panel

G00262093

Fig. 17: Left Kick Panel

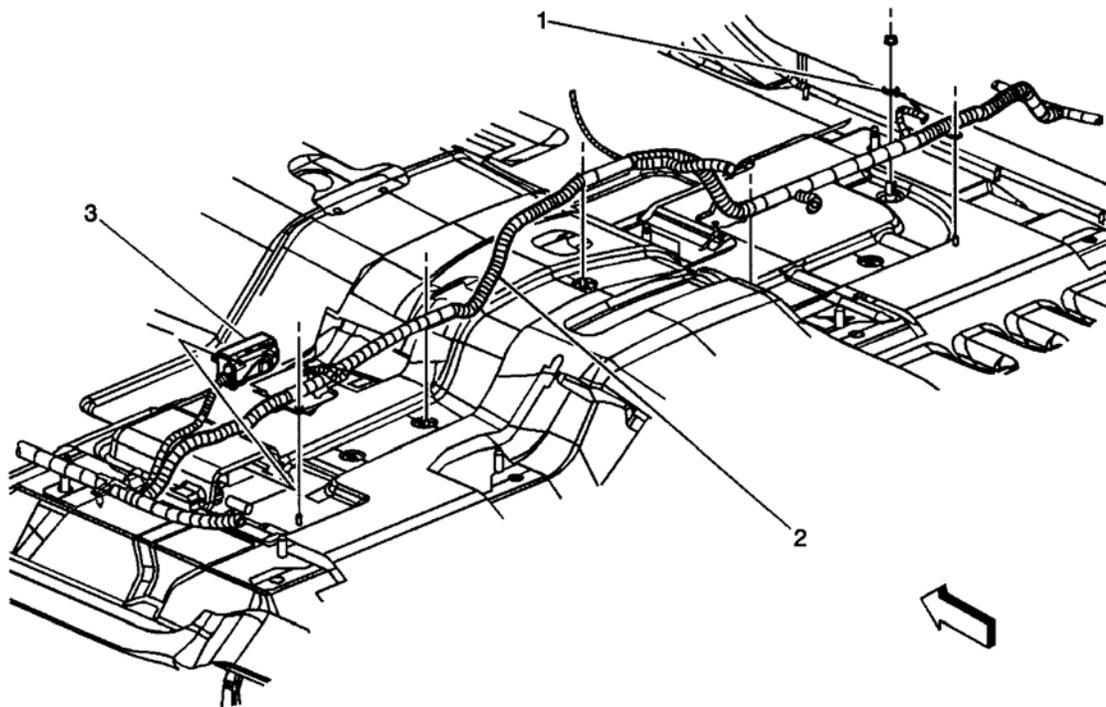
Courtesy of GENERAL MOTORS CORP.



- (1) B Pillar
- (2) Body Harness
- (3) G302

G00262095

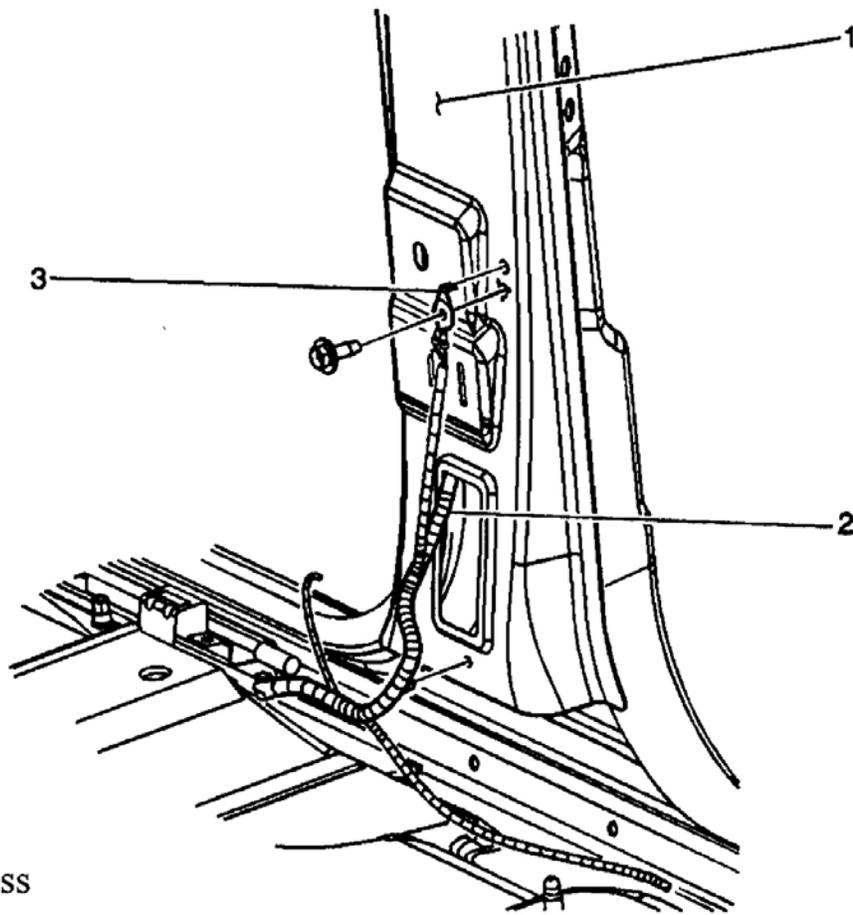
Fig. 18: Left "B" Pillar
Courtesy of GENERAL MOTORS CORP.



- (1) G304
- (2) Body Harness
- (3) Inflatable Restraint and Diagnostic Module (SDM) Connector

G00262096

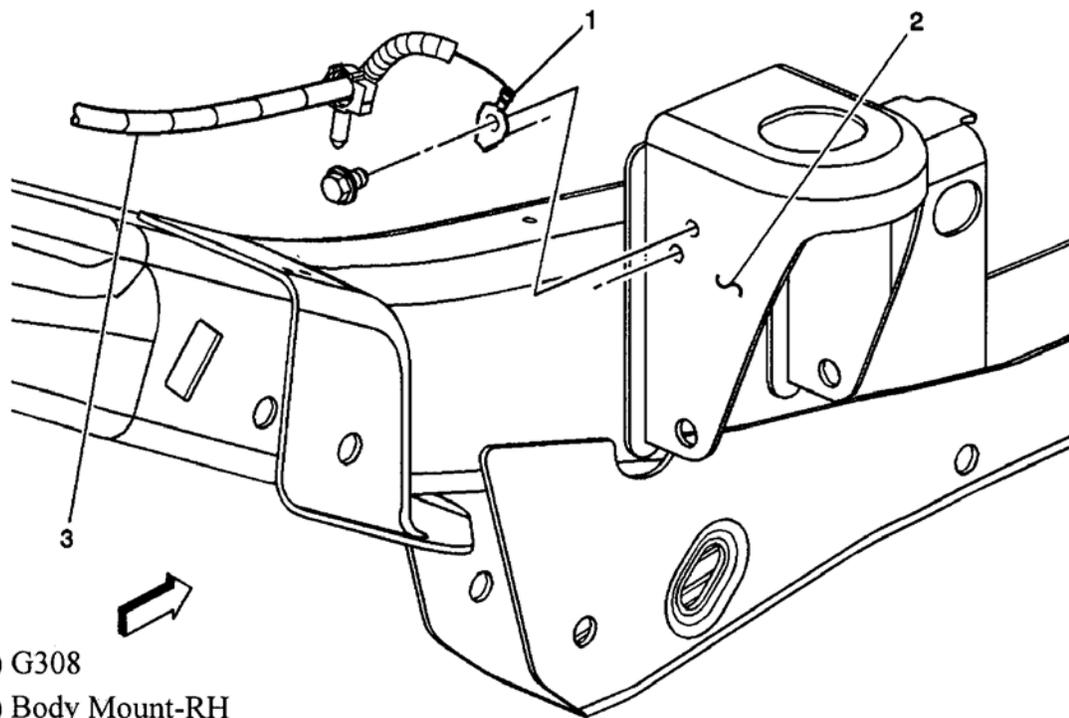
Fig. 19: Vehicle Floor
Courtesy of GENERAL MOTORS CORP.



- (1) B Pillar
- (2) Body Harness
- (3) G306

G00262097

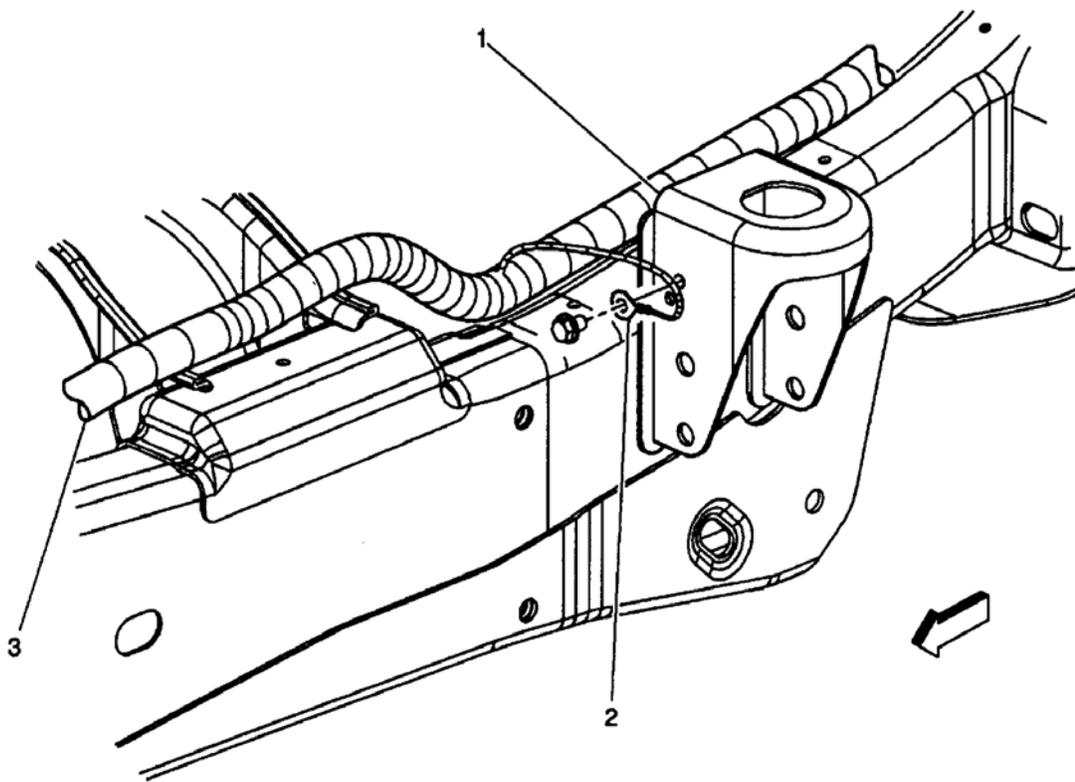
Fig. 20: Right "B" Pillar
Courtesy of GENERAL MOTORS CORP.



- (1) G308
- (2) Body Mount-RH
- (3) Chassis Harness

G00262098

Fig. 21: Right Frame Rail
Courtesy of GENERAL MOTORS CORP.

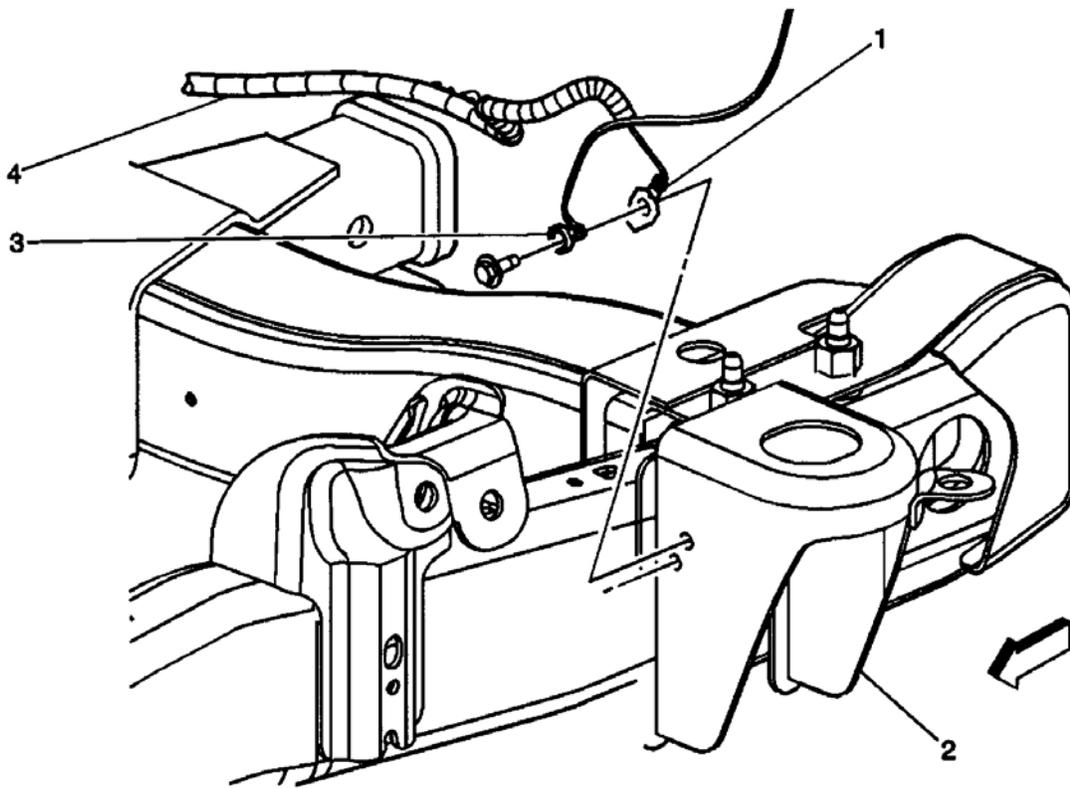


- (1) Body Mount-LH
- (2) G310
- (3) Chassis Harness

G00262099

Fig. 22: Left Frame Rail

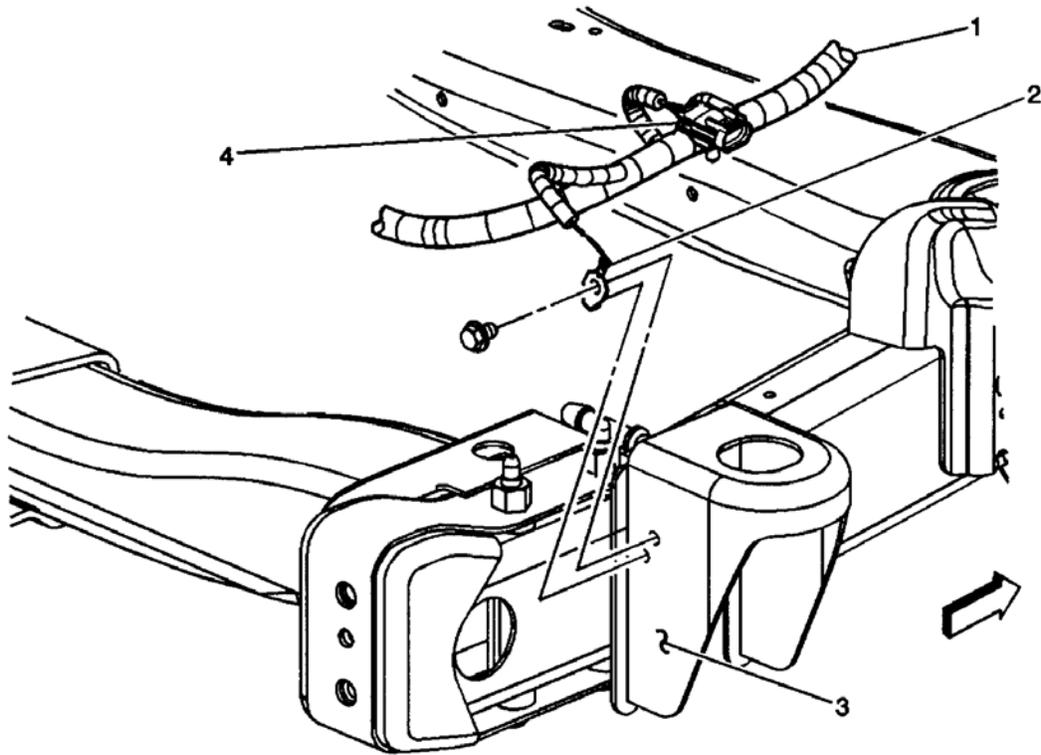
Courtesy of GENERAL MOTORS CORP.



- (1) G401
- (2) Body Mount-LH
- (3) Fuel Tank Filler Ground
- (4) Chassis Harness

G00262100

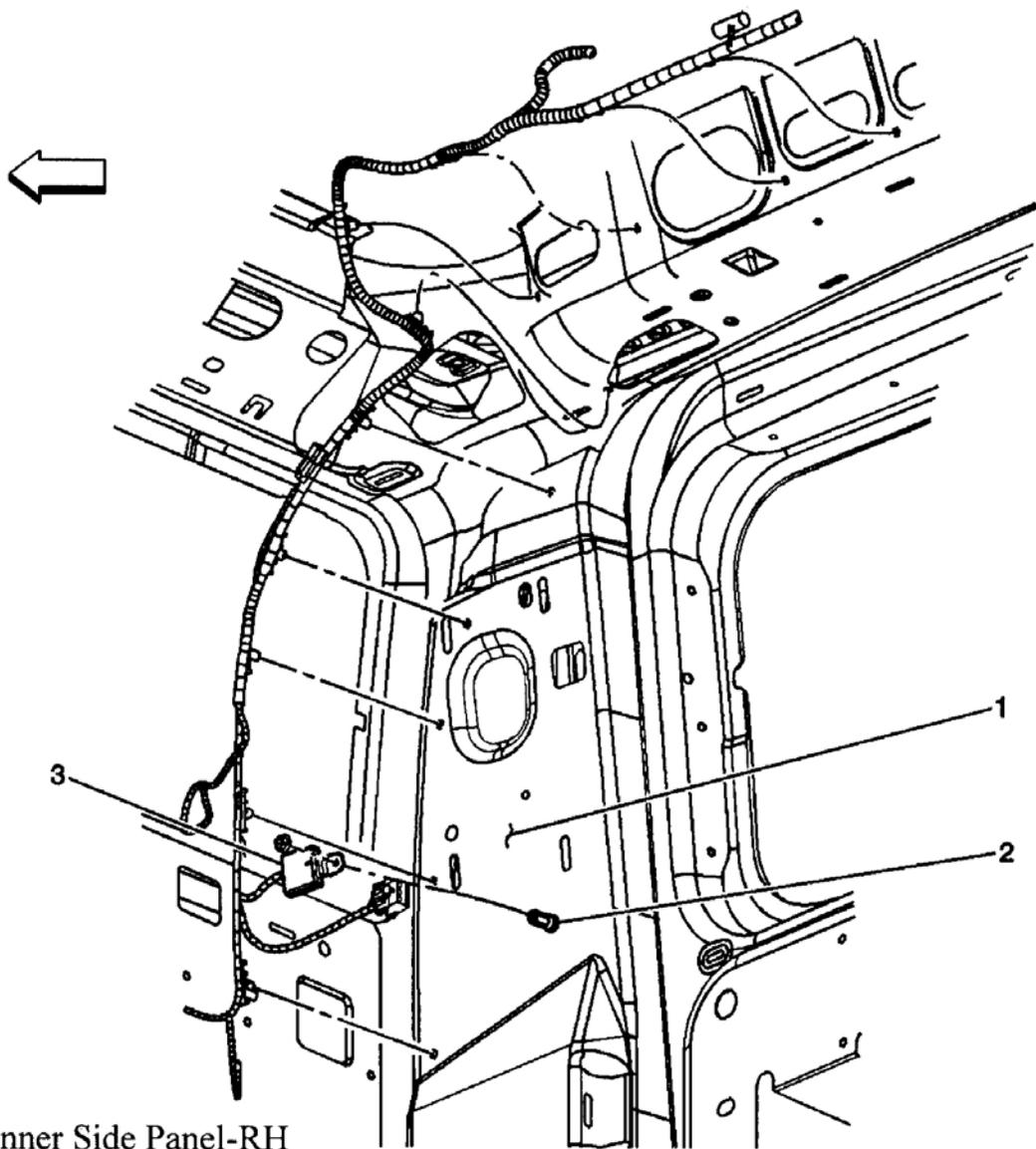
Fig. 23: Rear Of Left Frame Rail
Courtesy of GENERAL MOTORS CORP.



- (1) Chassis Harness
- (2) G405
- (3) Body Mount-RH
- (4) Air Suspension Inflater Switch Connector

G00262101

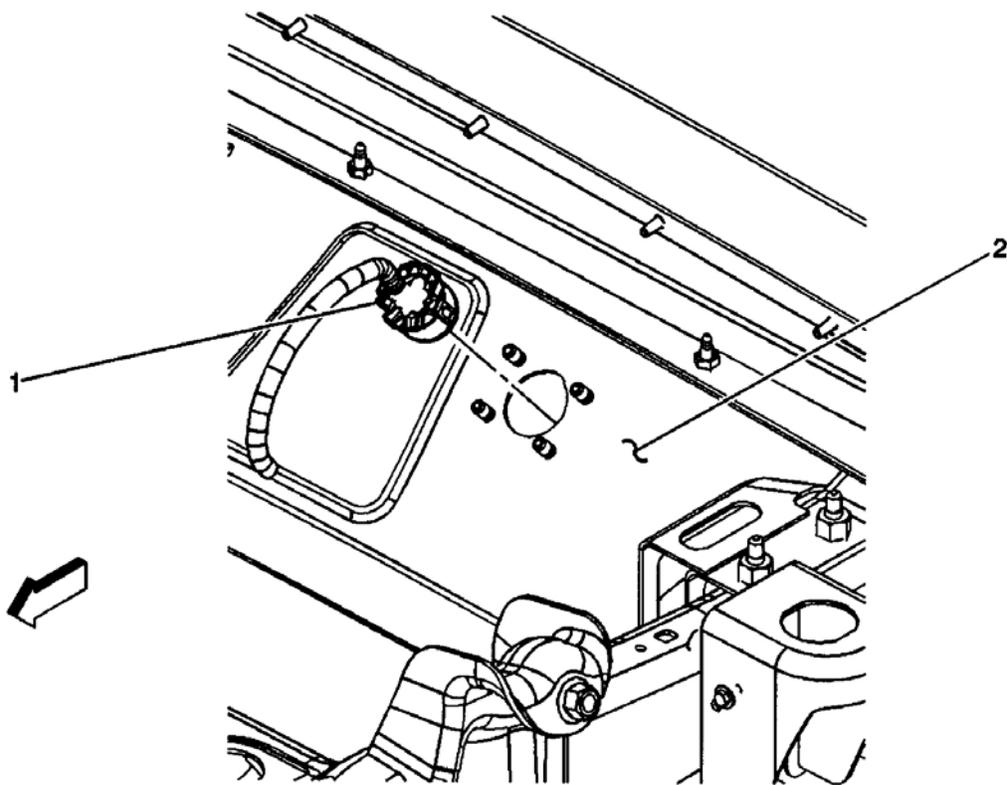
Fig. 24: Rear Of Right Frame Rail
Courtesy of GENERAL MOTORS CORP.



- (1) Inner Side Panel-RH
- (2) G410
- (3) SP410

G00262102

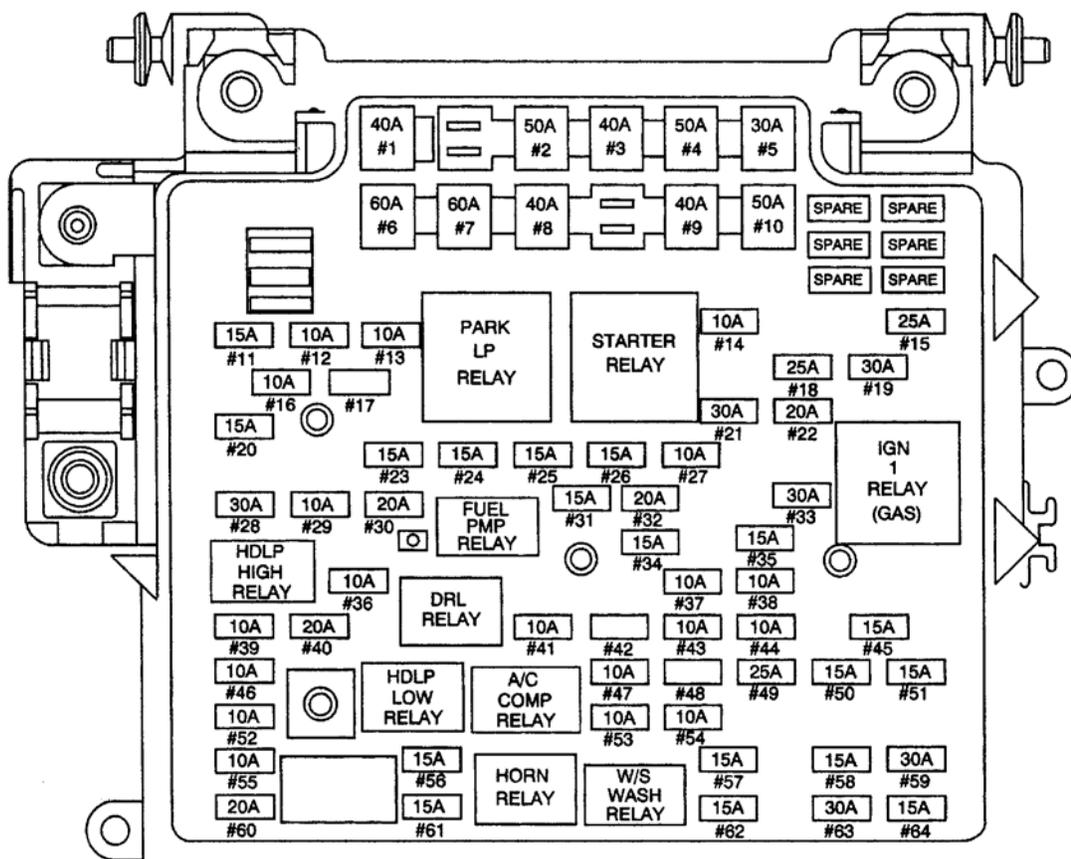
Fig. 25: Right Rear Corner Of Vehicle
Courtesy of GENERAL MOTORS CORP.



- (1) Trailer Receptacle
- (2) Rear Bumper Fascia

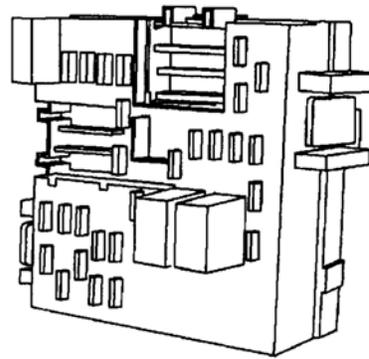
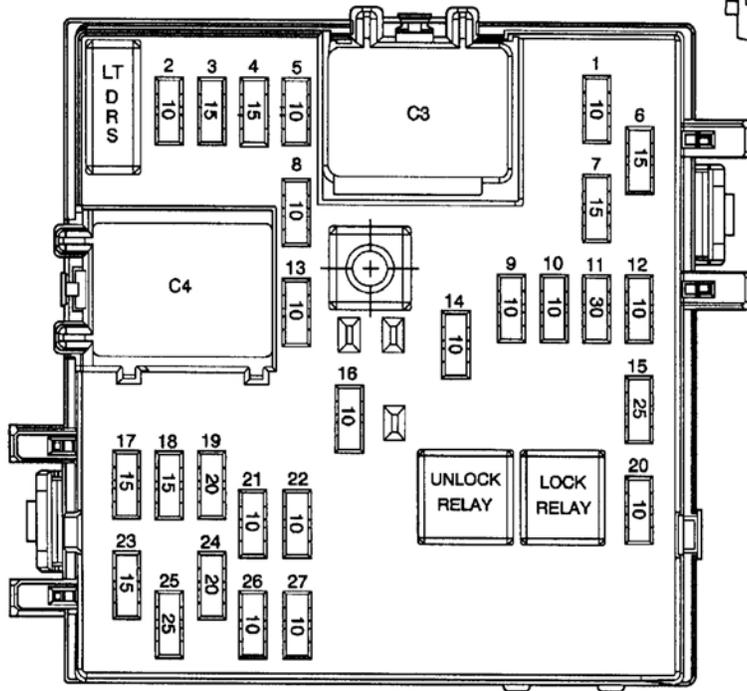
G00262103

Fig. 26: Rear Bumper Fascia
Courtesy of GENERAL MOTORS CORP.



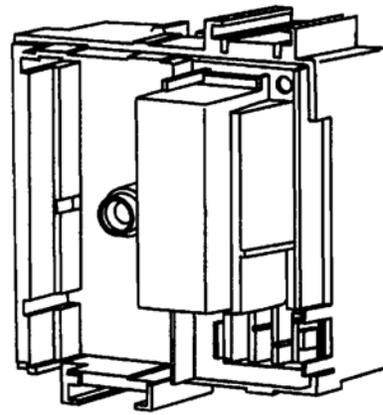
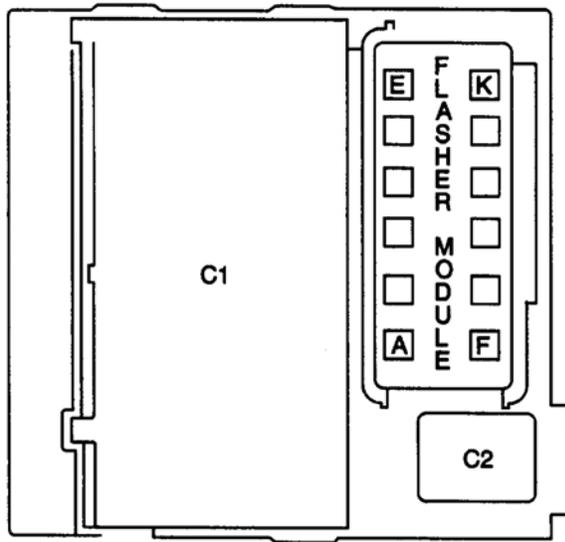
G00262104

Fig. 27: Underhood Fuse Block
 Courtesy of GENERAL MOTORS CORP.



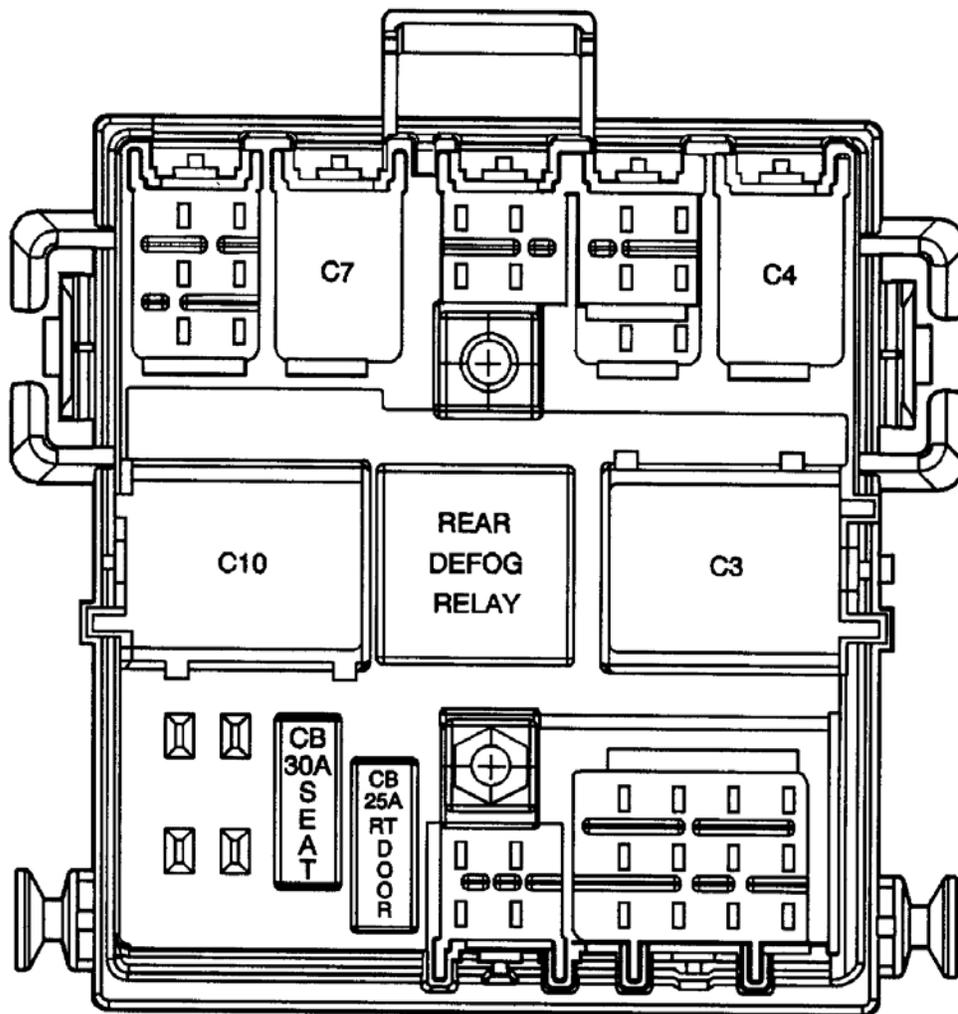
G00262105

Fig. 28: Instrument Panel Fuse Block
 Courtesy of GENERAL MOTORS CORP.



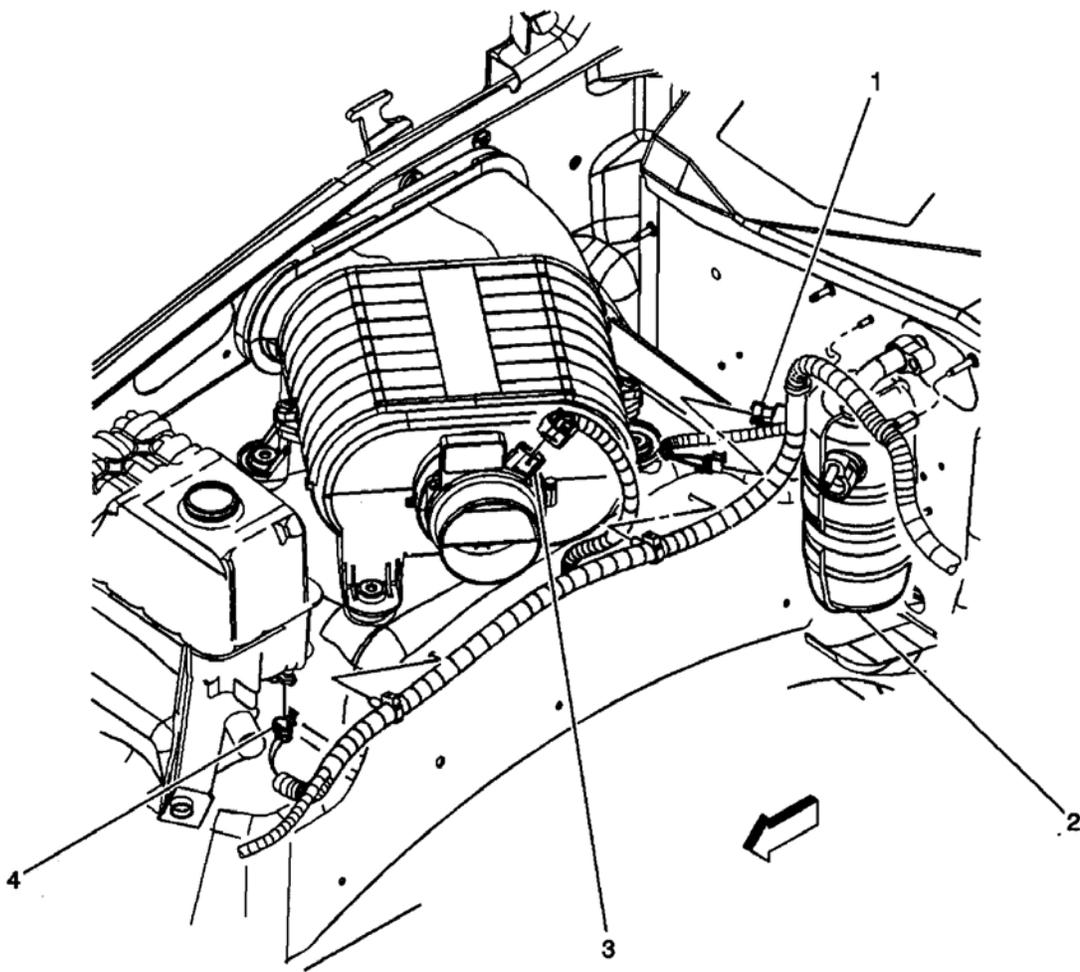
G00262106

Fig. 29: Bottom Of Instrument Panel Fuse Block
Courtesy of GENERAL MOTORS CORP.



G00262107

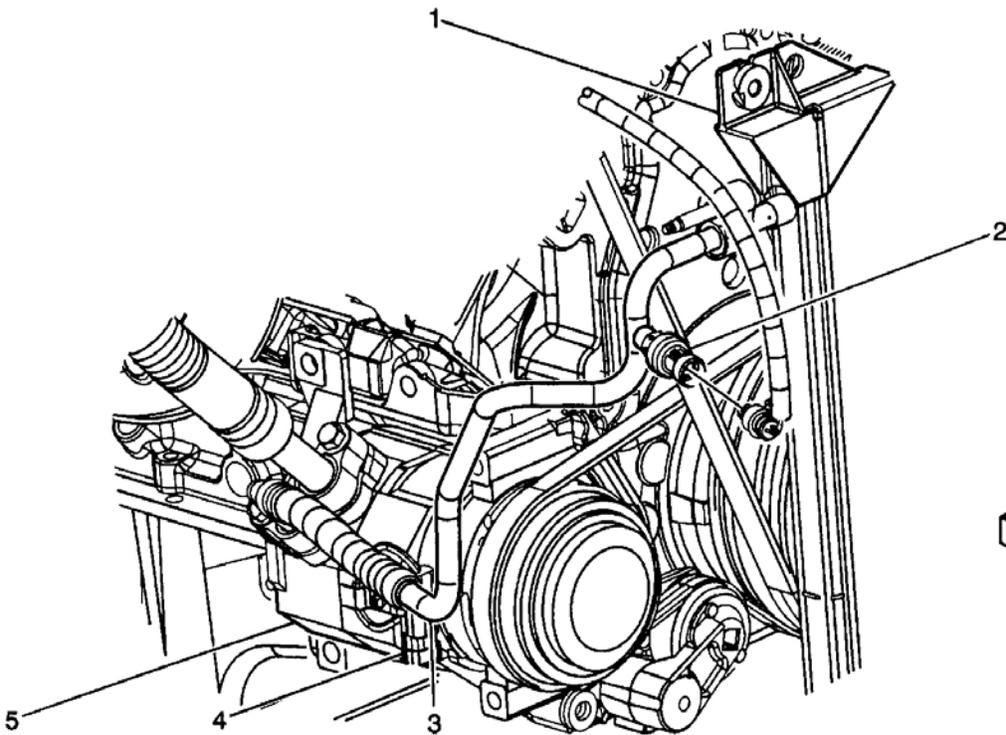
Fig. 30: Instrument Panel Relay Block
 Courtesy of GENERAL MOTORS CORP.



- (1) A/C Low Pressure Switch
- (2) A/C Accumulator
- (3) Intake Air Temperature (IAT)/Mass Air Flow (MAF) Sensor
- (4) Coolant Level Switch (If Equipped)

G00262108

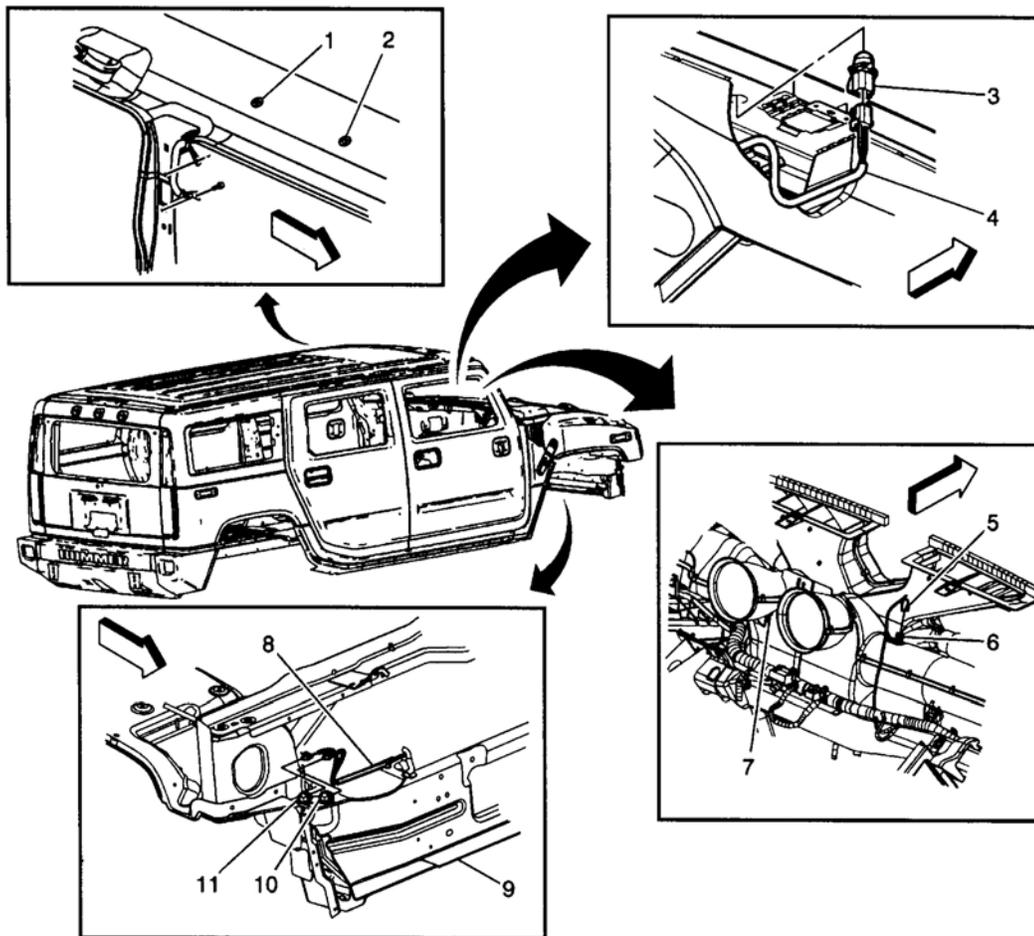
Fig. 31: Right Rear Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.



- (1) A/C Condenser
- (2) A/C Refrigerant Pressure Switch
- (3) A/C Condenser Hose
- (4) A/C Compressor Clutch Connector
- (5) A/C Compressor

G00262109

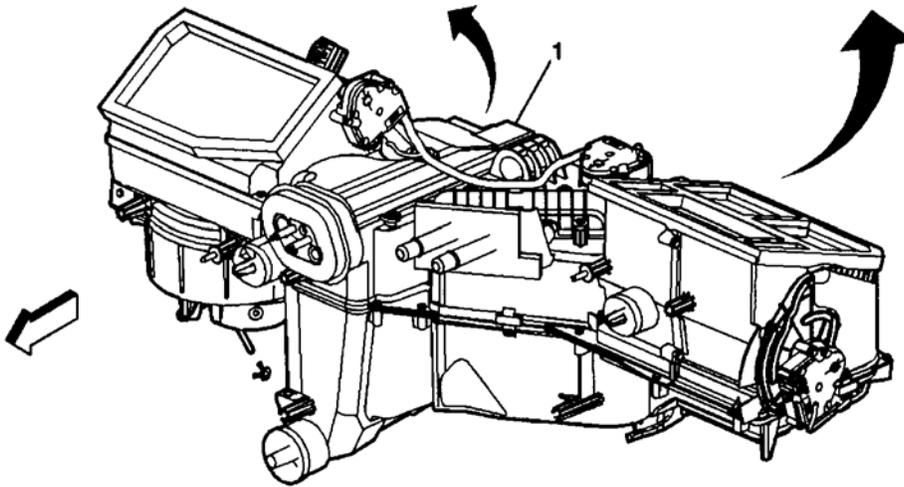
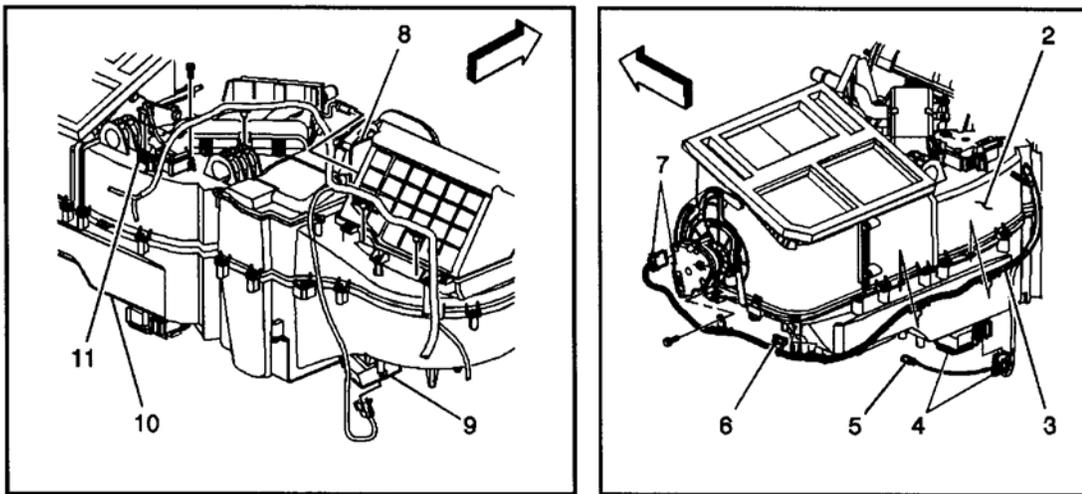
Fig. 32: Lower Right Side Of Engine
Courtesy of GENERAL MOTORS CORP.



- (1) Air Temperature Sensor - Inside
- (2) Cellular Telephone Microphone
- (3) Ambient Light/Sunload Sensor Assembly
- (4) I/P Harness
- (5) Air Temperature Sensor Connector - Upper Right
- (6) Air Temperature Sensor - Upper Right
- (7) Air Temperature Sensor - Upper Left
- (8) Forward Lamp Harness
- (9) Radiator Support
- (10) Ambient Air Temperature Sensor - HVAC
- (11) Ambient Air Temperature Sensor - Mirror

G00262110

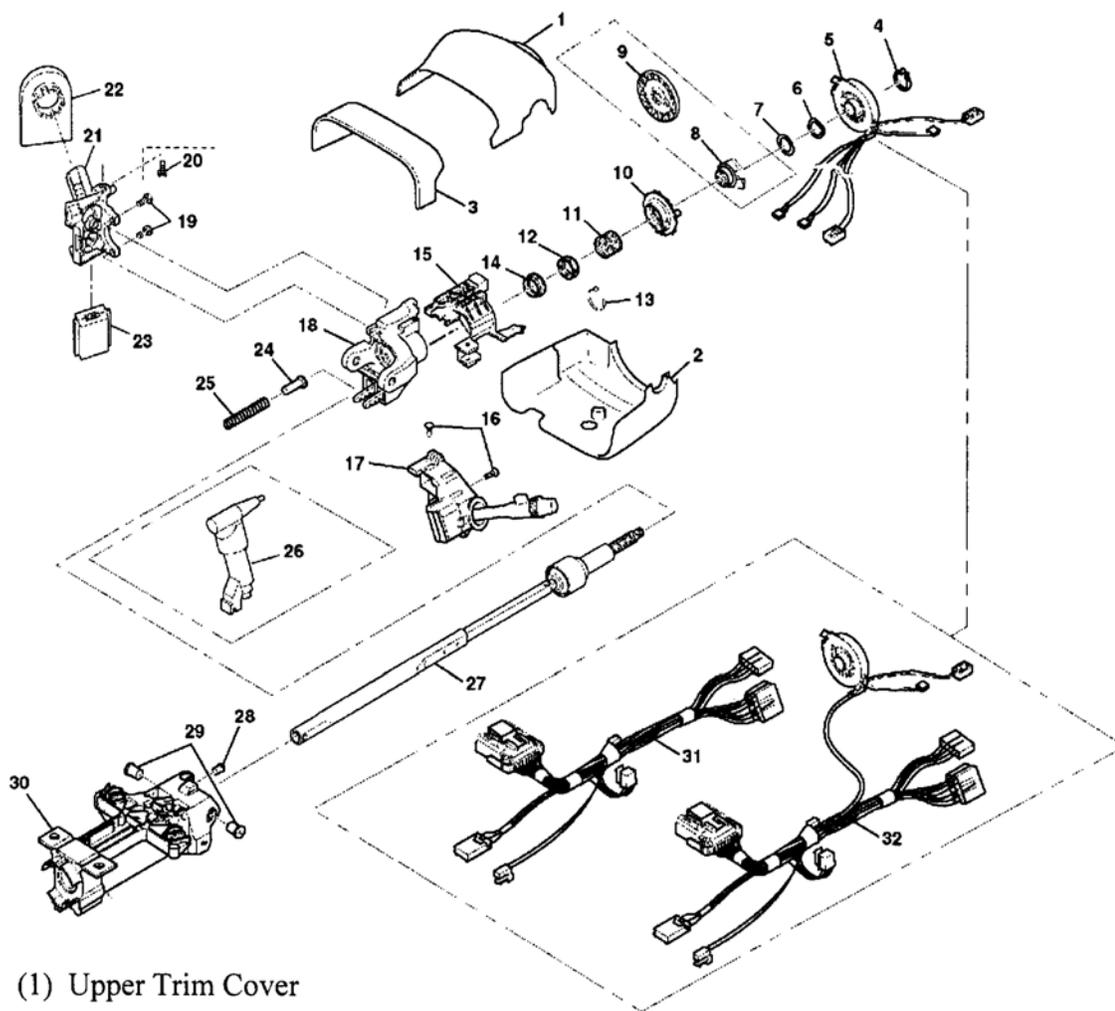
Fig. 33: HVAC Subsystem Components
Courtesy of GENERAL MOTORS CORP.



- | | |
|--|-------------------------------------|
| (1) HVAC Control Module | (10) HVAC Module |
| (2) HVAC Control Module | (11) Air Temperature Actuator-Right |
| (3) HVAC Harness | |
| (4) Air Temperature Actuator-Left | |
| (5) Air Temperature Sensor Connector-Lower Right | |
| (6) Air Temperature Sensor Connector-Lower Left | |
| (7) Mode Actuator | |
| (8) Recirculation Actuator | |
| (9) Blower Motor Control Processor | |

G00262111

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



- (1) Upper Trim Cover
- (2) Lower Trim Cover
- (3) Steering Column Closeout Trim Cover
- (4) Retaining Ring
- (5) SIR Coil
- (6) Wave Washer
- (7) Bearing Retainer

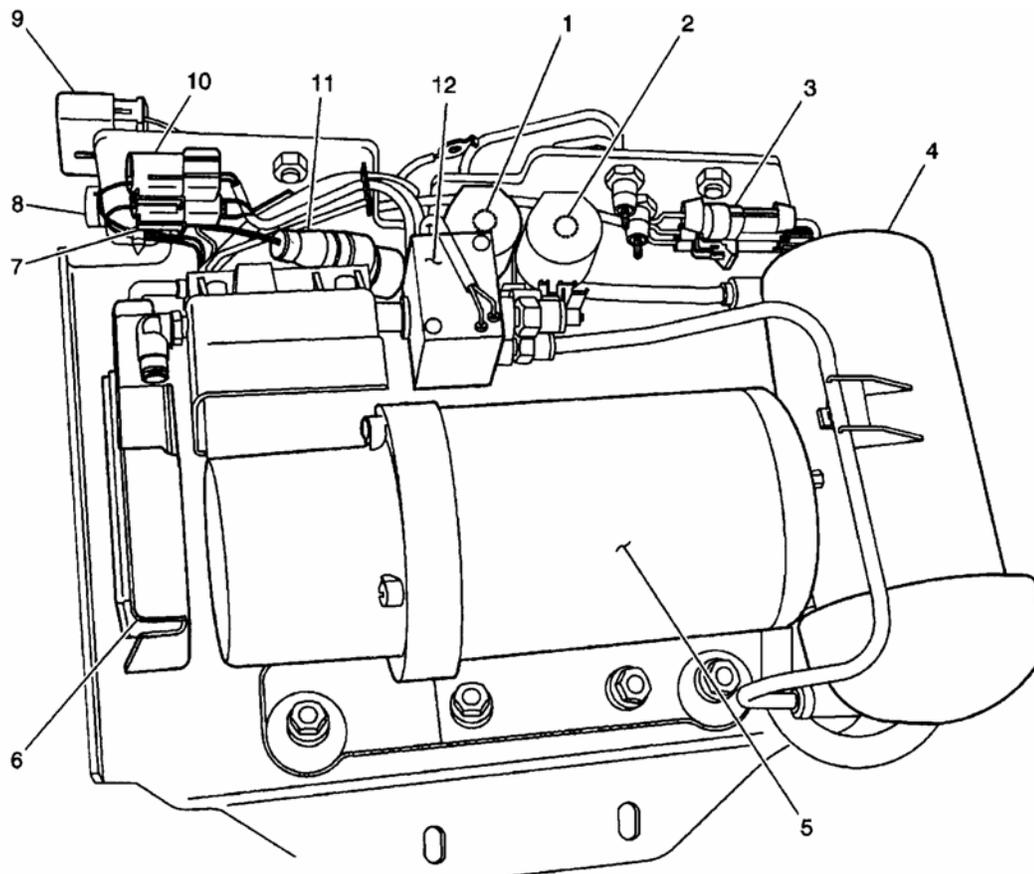
G00262113

Fig. 35: Steering Column (1 Of 2)
Courtesy of GENERAL MOTORS CORP.

- (8) Cam Orientation Plate
- (9) Shaft Lock Shield Assembly
- (10) Turn Signal Cancel Cam Assembly
- (11) Upper Bearing Spring
- (12) Upper Bearing Inner Race Seat
- (13) Wire Harness Strap
- (14) Inner Race
- (15) Signal Switch Housing
- (16) Pan Head Tapping Screws
- (17) Turn Signal and Multifunction Switch Assembly
- (18) Steering Column Tilt Head Assembly
- (19) Pan Head Tapping Screws
- (20) TORX® Head Screw
- (21) Ignition Lock Cylinder Case
- (22) Theft Deterrent Control Module
- (23) Ignition Switch Assembly
- (24) Spring Guide
- (25) Tilt Spring
- (26) Theft Deterrent Control Module Electric Park Lock
- (27) Steering Shaft Assembly
- (28) Tilt Bumper
- (29) Pivot Pins
- (30) Steering Column Support Assembly
- (31) Coil Wire Harness Assembly
- (32) Coil Wire Harness Assembly (Export)

Fig. 36: Steering Column (2 Of 2)

Courtesy of GENERAL MOTORS CORP.

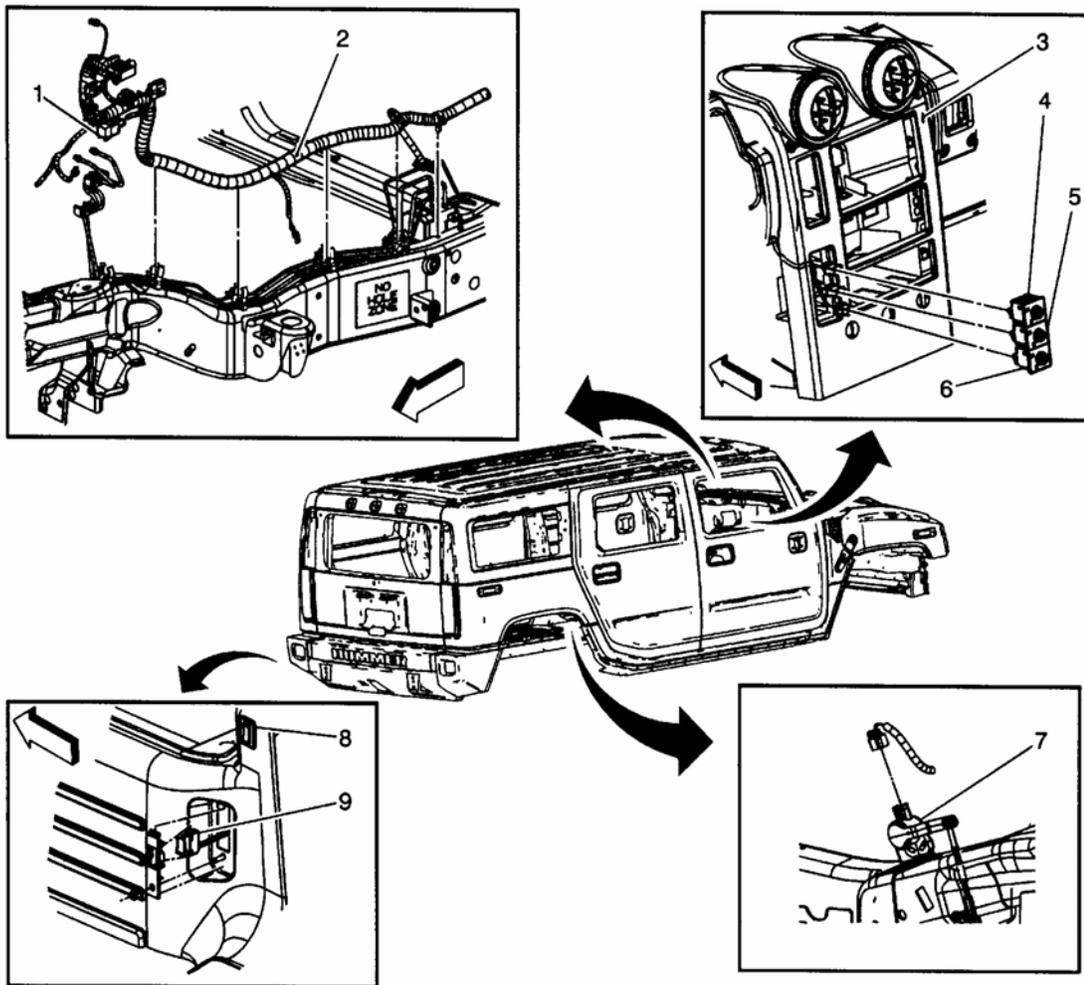


- | | |
|--|---|
| (1) Air Suspension Inlet Valve-LR | (10) Air Suspension Inlet Valve Connector-LR/RR |
| (2) Air Suspension Inlet Valve-RR | (11) Air Suspension Pressure Sensor |
| (3) Compressor Connector | (12) Air Suspension Exhaust Valve |
| (4) Air Suspension Air Dryer | |
| (5) Air Suspension Compressor | |
| (6) Air Suspension Module | |
| (7) Air Suspension Exhaust Valve Connector | |
| (8) C450 | |
| (9) C451 | |

G00262115

Fig. 37: Center Rear Of Vehicle

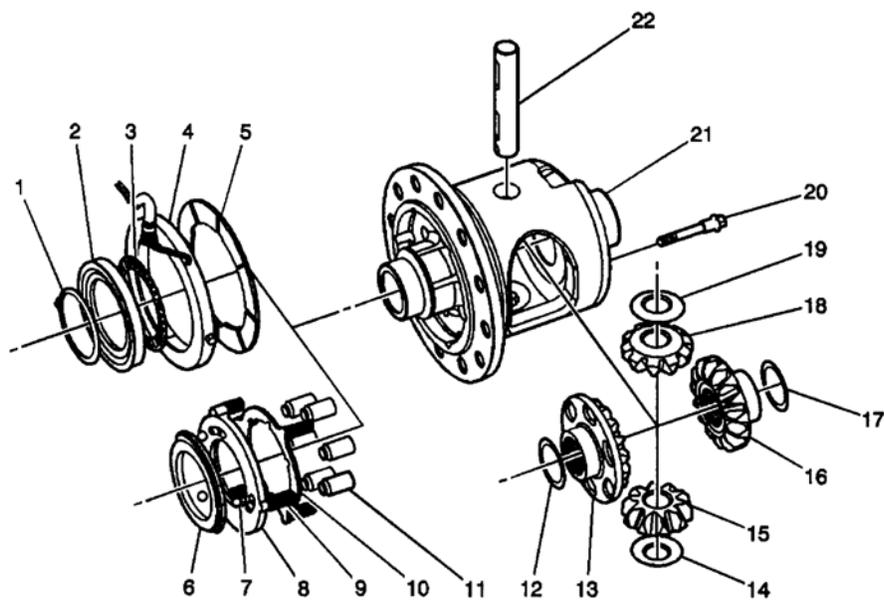
Courtesy of GENERAL MOTORS CORP.



- (1) Electronically Controlled Air Suspension Relay
- (2) Chassis Harness
- (3) I/P Compartment
- (4) Traction Control Switch
- (5) Tow/Haul Switch
- (6) Ride Height Switch
- (7) Air Suspension Sensor - LR
- (8) Door Lock Switch - Rear
- (9) Air Suspension Inflator Switch

G00262116

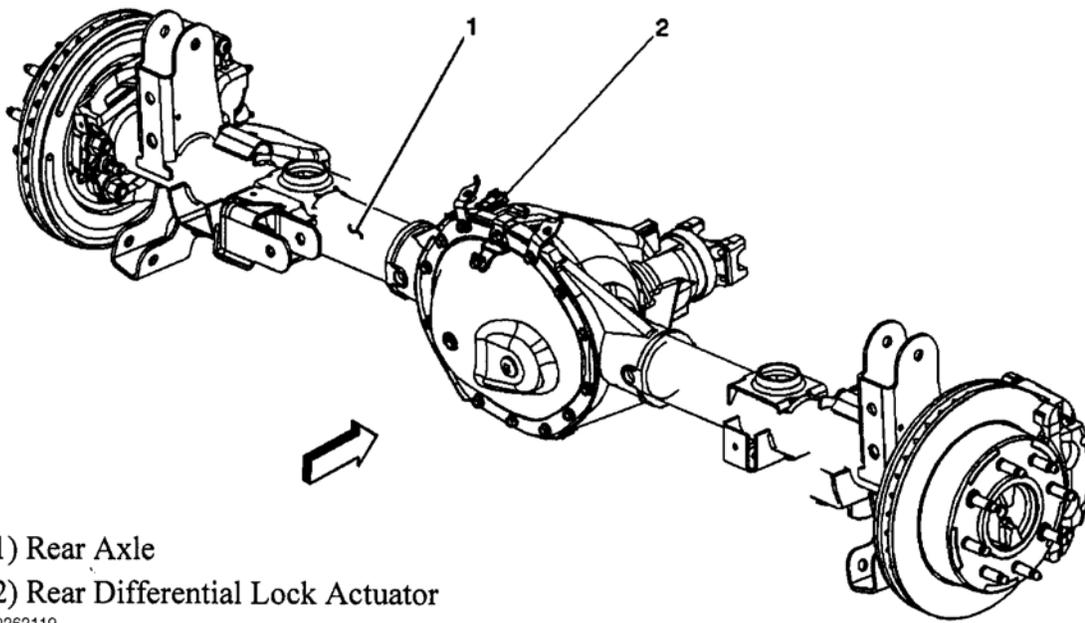
Fig. 38: Air Suspension Components
 Courtesy of GENERAL MOTORS CORP.



- (1) Differential Bearing Retainer Ring
- (2) Differential Bearing Race
- (3) Differential Bearing Assembly
- (4) Locking Differential Coil Assembly
- (5) Locking Differential Coil Plate
- (6) Locking Differential Ball Bearing Plate - Outboard
- (7) Locking Differential Ball Bearing Assembly
- (8) Locking Differential Ball Bearing Plate - Inboard
- (9) Locking Differential Clutch Spring
- (10) Locking Differential Clutch Spring Retainer
- (11) Differential Carrier Lock Pin
- (12) Differential Side Gear Thrust Washer
- (13) Locking Differential Side Gear
- (14) Pinion Thrust Washer
- (15) Differential Pinion Gear
- (16) Differential Side Gear
- (17) Differential Side Gear Thrust Washer
- (18) Differential Pinion Gear
- (19) Pinion Thrust Washer
- (20) Differential Pinion Shaft Lock Screw
- (21) Electric Locking Differential Case Assembly
- (22) Differential Pinion Gear Shaft

G00262118

Fig. 39: Locking Differential
 Courtesy of GENERAL MOTORS CORP.



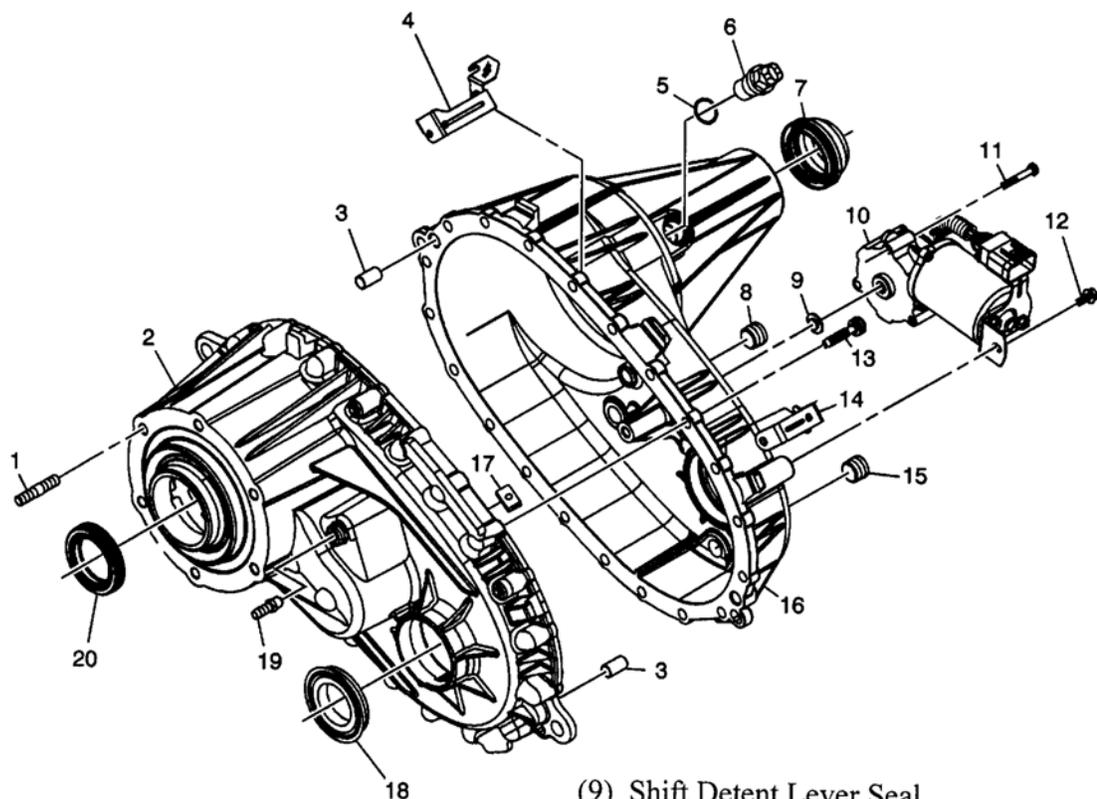
(1) Rear Axle

(2) Rear Differential Lock Actuator

G00262119

Fig. 40: Rear Axle

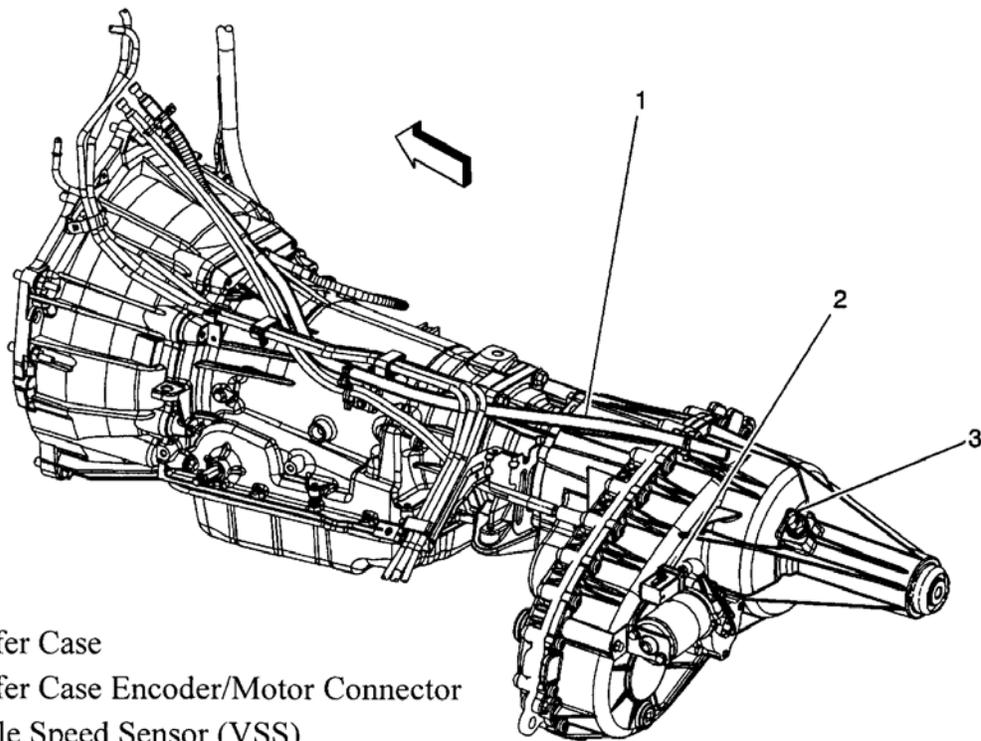
Courtesy of GENERAL MOTORS CORP.



- | | |
|--------------------------------------|---------------------------------|
| (1) Adapter Stud | (9) Shift Detent Lever Seal |
| (2) Front Case Half | (10) Encoder Motor |
| (3) Location Pin | (11) Encoder Motor Bolt |
| (3) Location Pin | (12) Encoder Motor Bracket Bolt |
| (4) Fuel Line Bracket | (13) Case Half Bolt |
| (5) Vehicle Speed Sensor O-Ring Seal | (14) Wiring Harness Bracket |
| (6) Vehicle Speed Sensor | (15) Drain Plug |
| (7) Rear Output Shaft Seal | (16) Rear Case Half |
| (8) Fill Plug | (17) Magnet |
| | (18) Front Output Shaft Seal |
| | (19) Vent |
| | (20) Input Shaft Seal |

G00262120

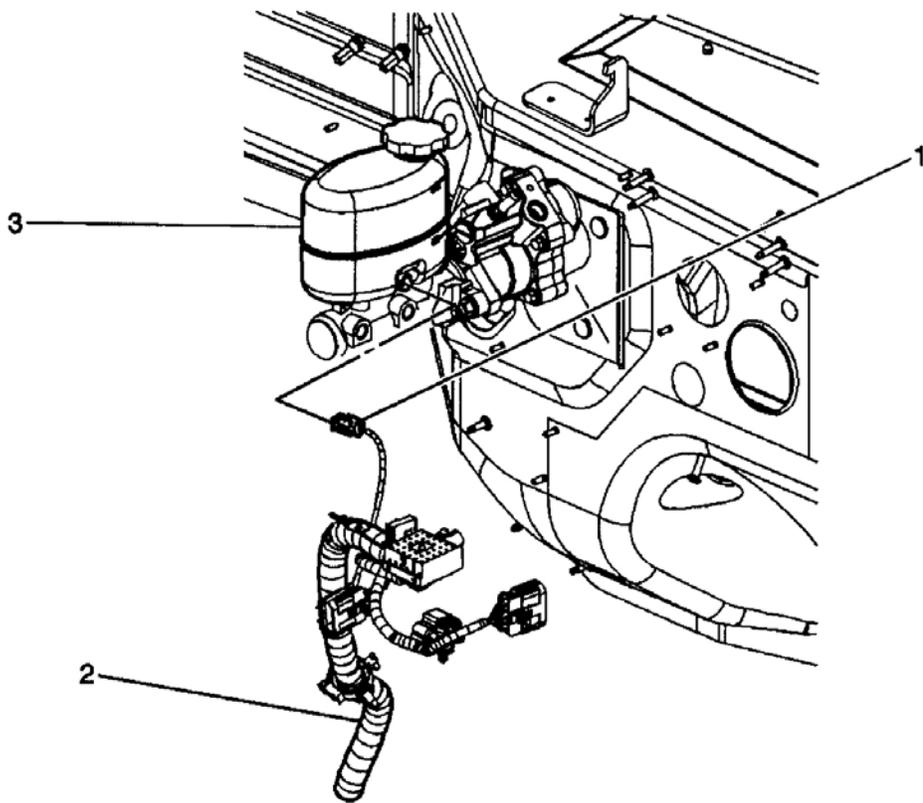
Fig. 41: Transfer Case
 Courtesy of GENERAL MOTORS CORP.



- (1) Transfer Case
- (2) Transfer Case Encoder/Motor Connector
- (3) Vehicle Speed Sensor (VSS)

G00262121

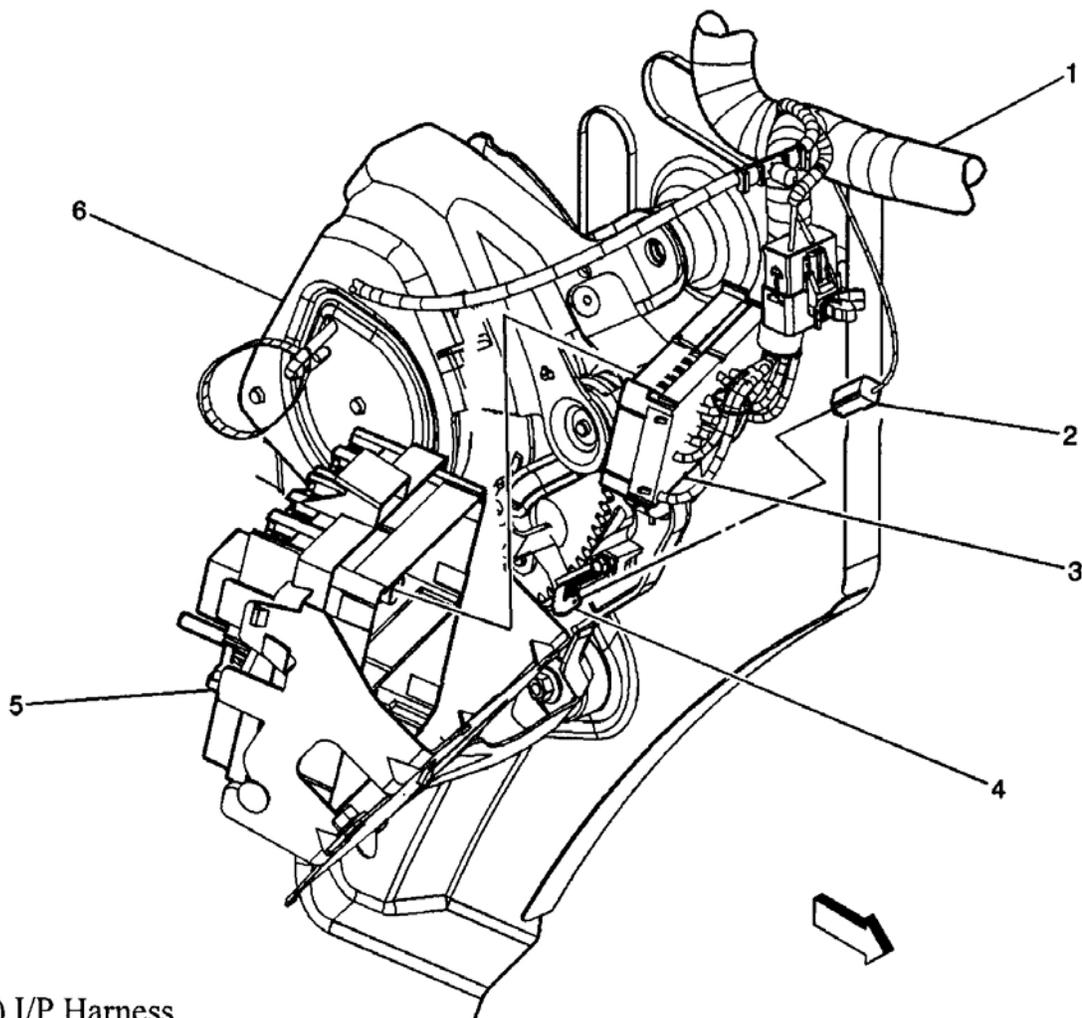
Fig. 42: Rear Of Transmission
Courtesy of GENERAL MOTORS CORP.



- (1) Brake Fluid Level Switch Connector
- (2) Chassis Harness
- (3) Master Cylinder

G00262123

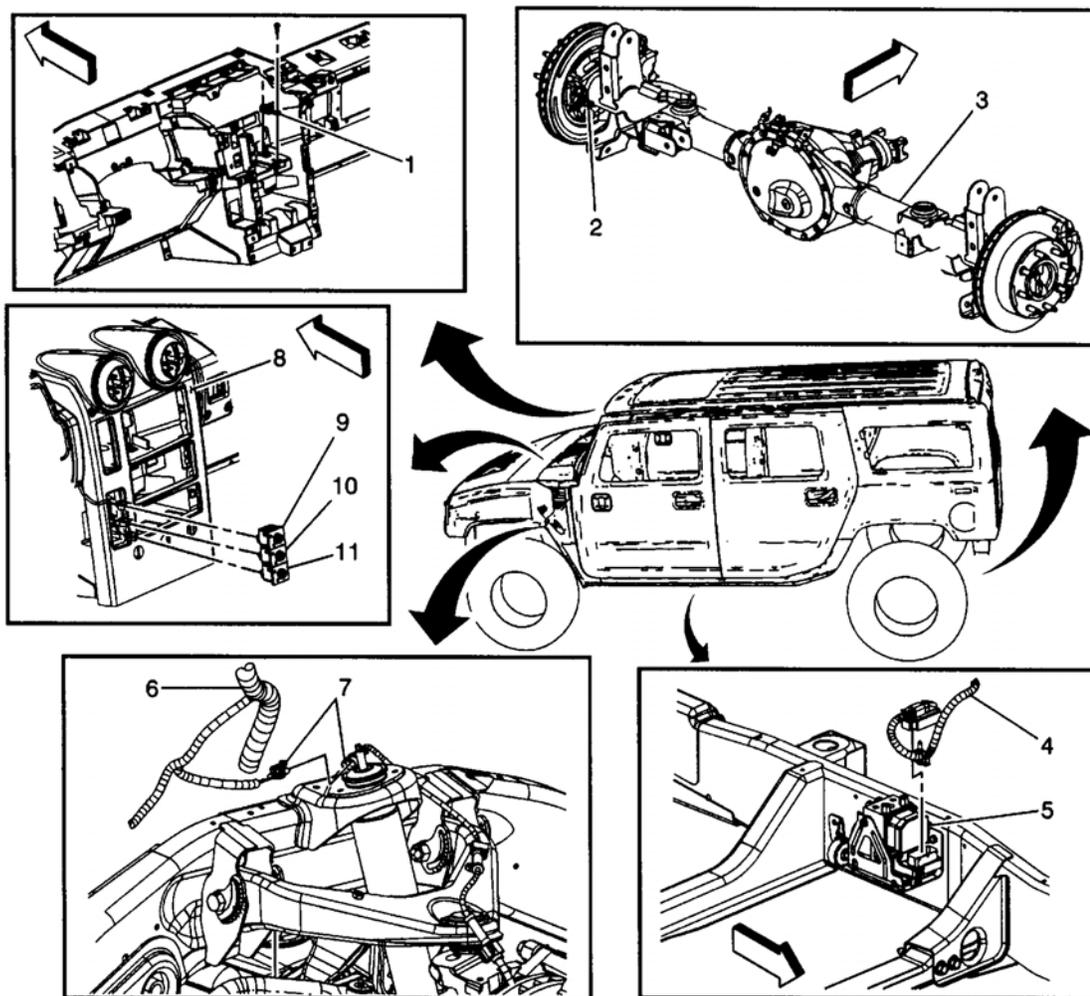
Fig. 43: Left Rear Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.



- (1) I/P Harness
- (2) Park Brake Switch Connector
- (3) Relay Block-Body-C1
- (4) Tab
- (5) Relay Block-Body
- (6) Parking Brake Assembly

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Fig. 44: Lower Left Side Of Dash
Courtesy of GENERAL MOTORS CORP.

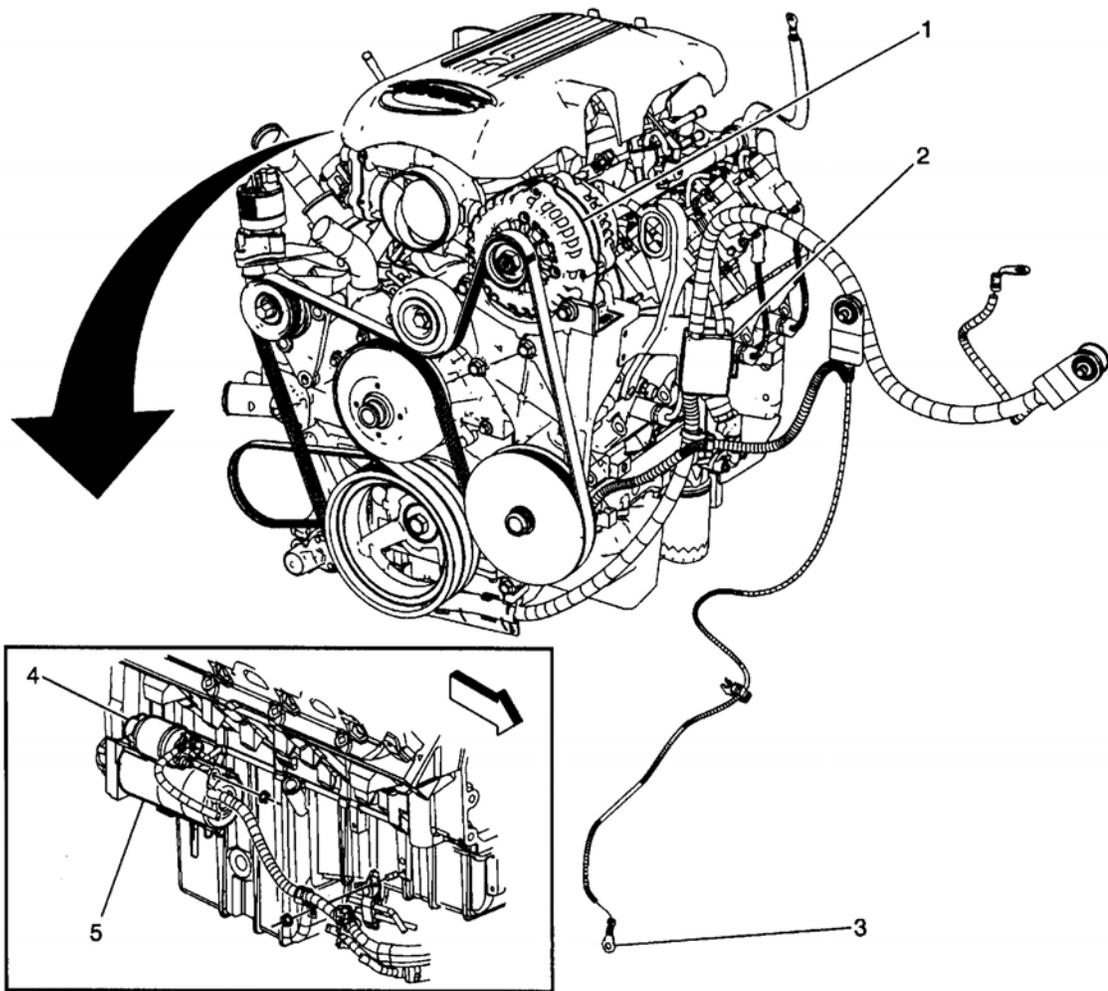


- | | |
|--|-----------------------------|
| (1) Longitudinal Accelerometer | (8) Front Console |
| (2) Wheel Speed Sensor (WSS) - LR (RR Similar) | (9) Traction Control Switch |
| (3) Rear Axle Assembly | (10) Tow/Haul Switch |
| (4) Chassis Harness | (11) Selectable Ride Switch |
| (5) Electronic Brake Control Module (EBCM) | |
| (6) Chassis Harness | |
| (7) Wheel Speed Sensor (WSS) Connector - LF (RF Similar) | |

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Fig. 45: ABS Components

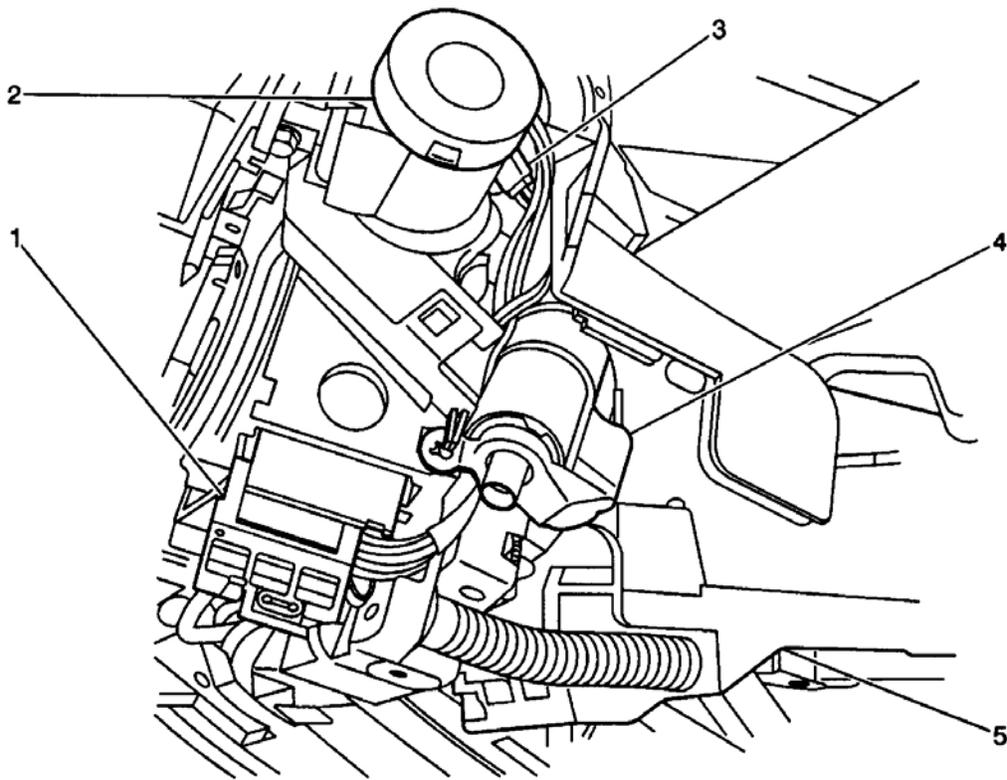
Courtesy of GENERAL MOTORS CORP.



- (1) Generator
- (2) Junction Block - Battery Cable
- (3) G100
- (4) Starter Solenoid
- (5) Starter

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Fig. 46: Left Side & Right Rear Of Engine
Courtesy of GENERAL MOTORS CORP.

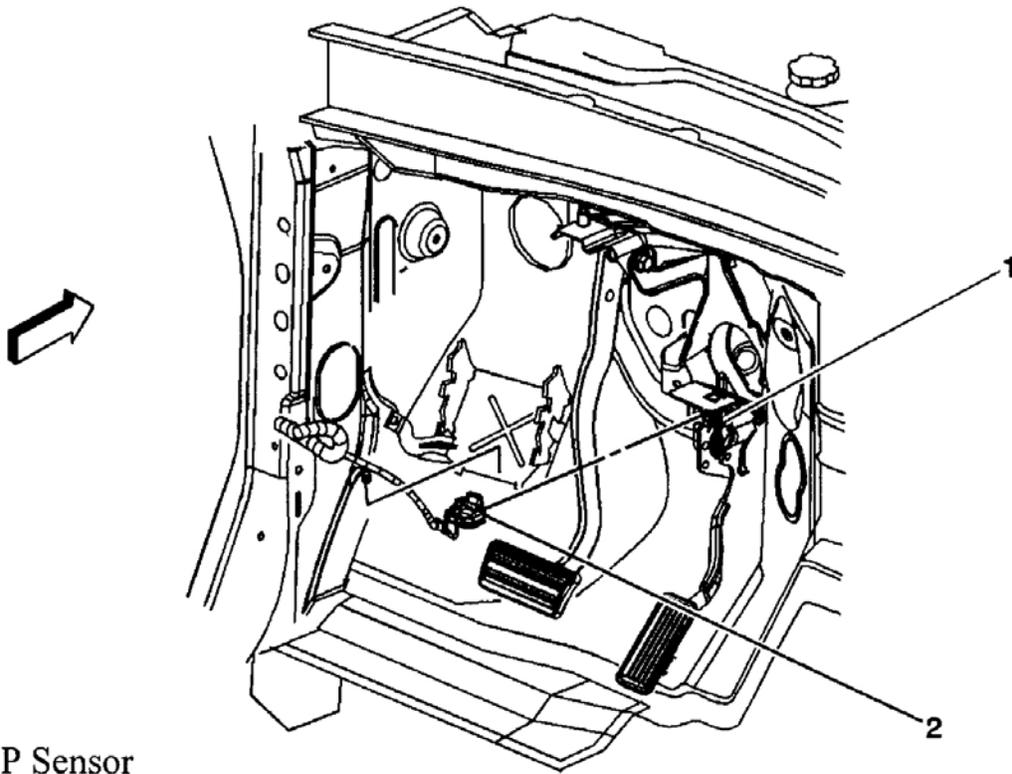


- (1) Ignition Switch
- (2) Passlock Sensor
- (3) Ignition Key Alarm Switch
- (4) Ignition Lock Cylinder Control Actuator
- (5) Steering Column

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Fig. 47: Steering Column

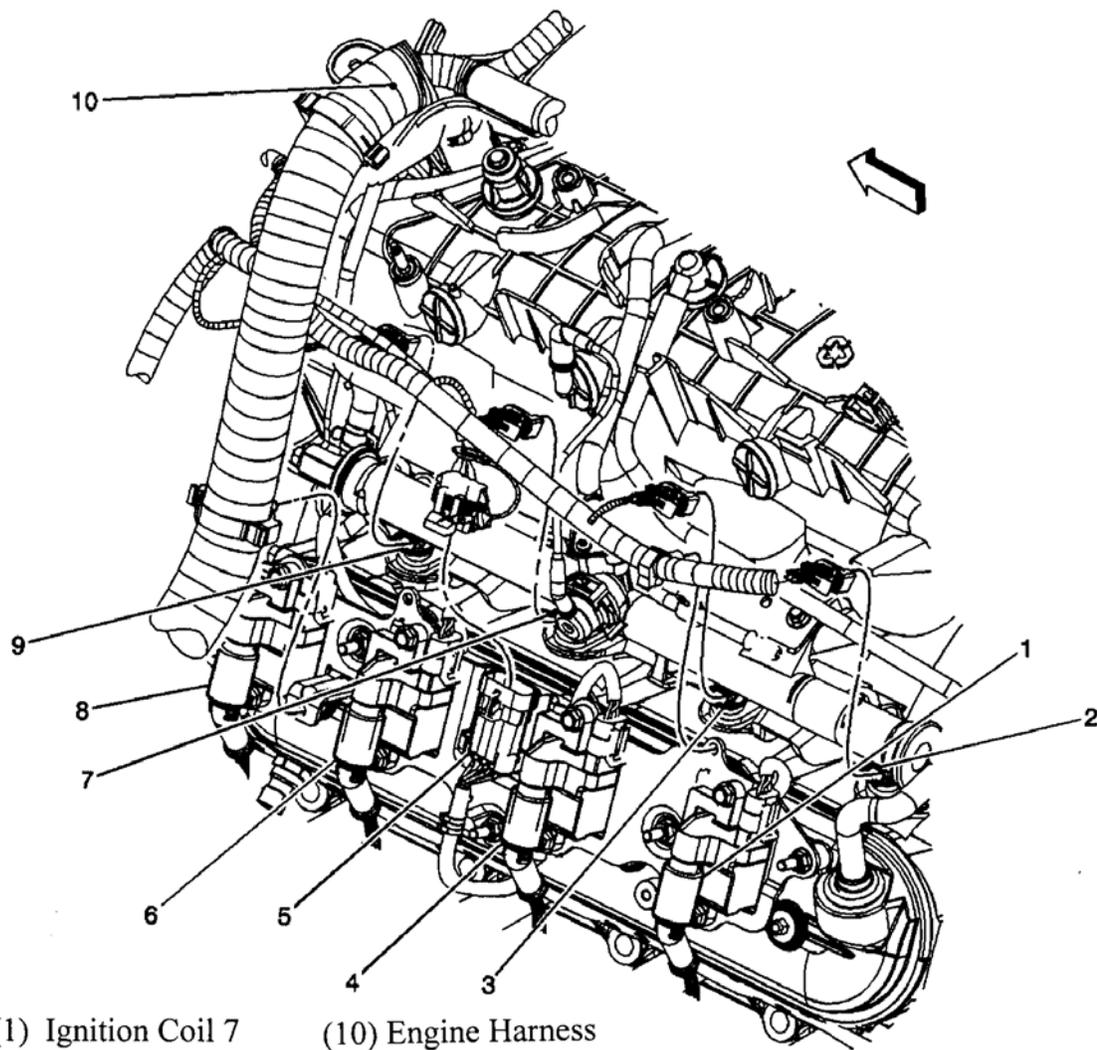
Courtesy of GENERAL MOTORS CORP.



- (1) APP Sensor
- (2) APP Sensor Connector

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Fig. 48: Lower Left Side Of Dash
Courtesy of GENERAL MOTORS CORP.

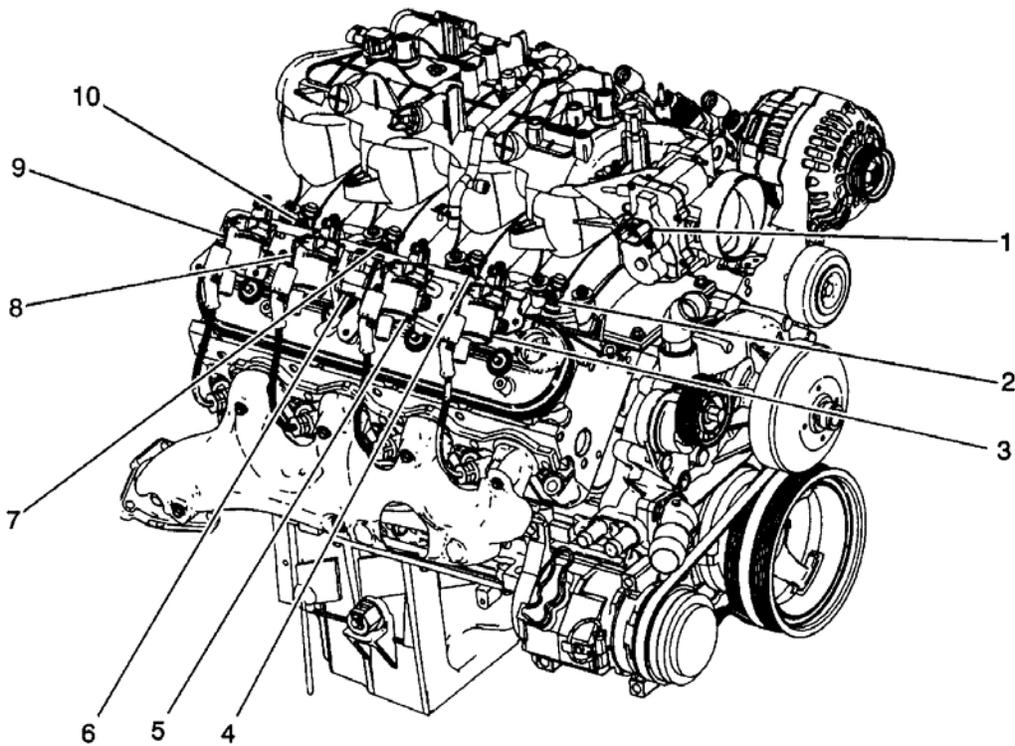


- (1) Ignition Coil 7
- (2) Fuel Injector 7
- (3) Fuel Injector 5
- (4) Ignition Coil 5
- (5) Inline C148
- (6) Ignition Coil 3
- (7) Fuel Injector 3
- (8) Ignition Coil 1
- (9) Fuel Injector 1

(10) Engine Harness

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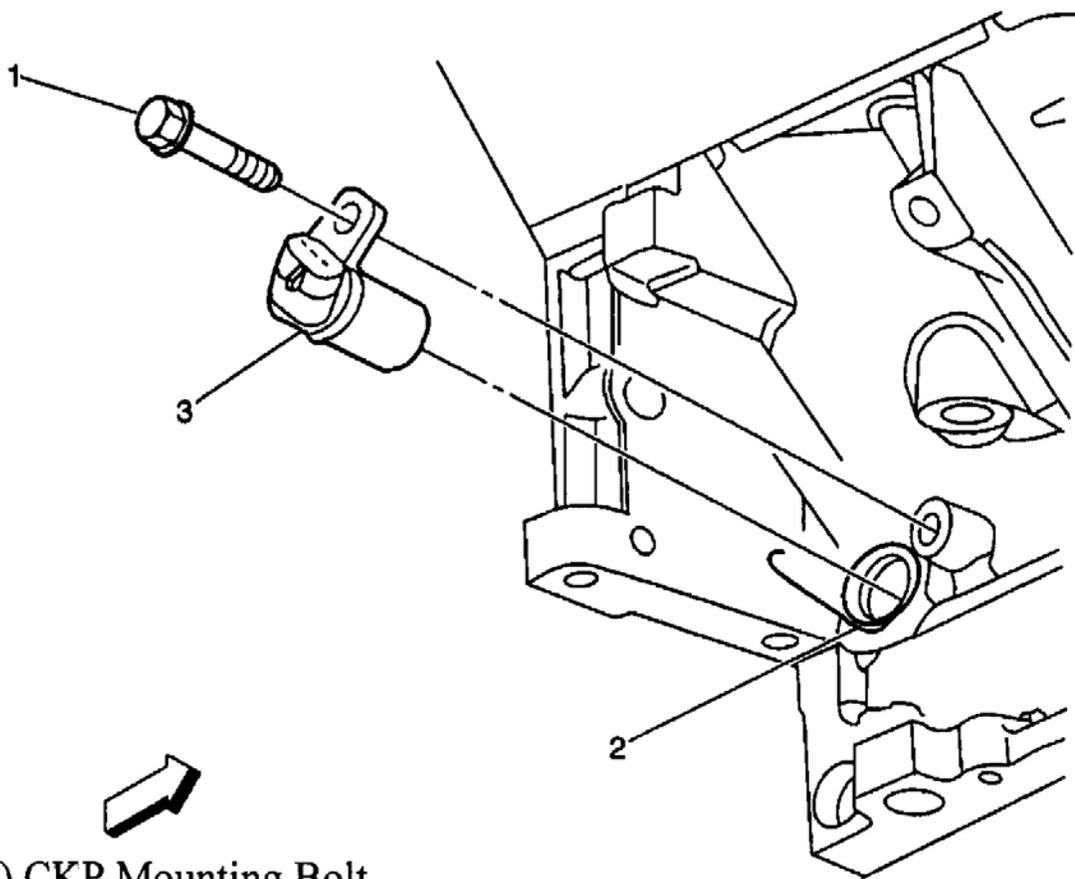
Fig. 49: Left Side Of Engine
Courtesy of GENERAL MOTORS CORP.



- (1) Throttle Body Assembly
- (2) Fuel Injector 2
- (3) Ignition Coil 2
- (4) Fuel Injector 4
- (5) Ignition Coil 4
- (6) C158-Ignition Coil Inline
- (7) Fuel Injector 6
- (8) Ignition Coil 6
- (9) Ignition Coil 8
- (10) Fuel Injector 8

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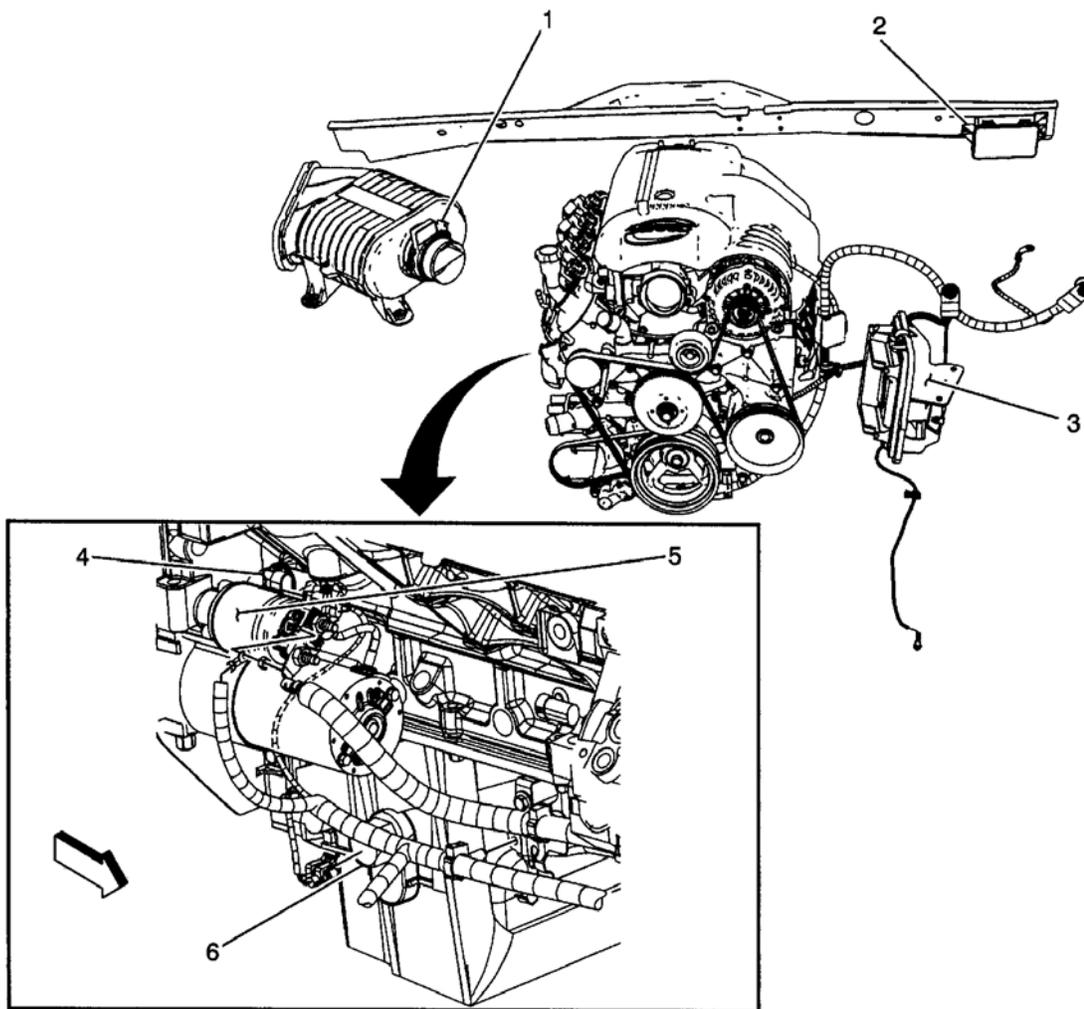
Fig. 50: Right Side Of Engine
Courtesy of GENERAL MOTORS CORP.



- (1) CKP Mounting Bolt
(2) CKP Mounting Location
(3) Crankshaft Position (CKP) Sensor

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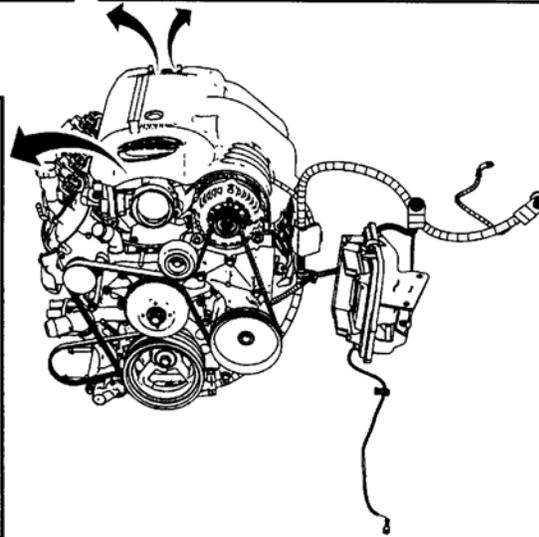
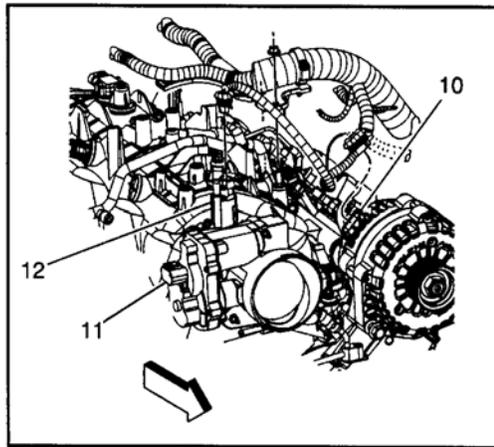
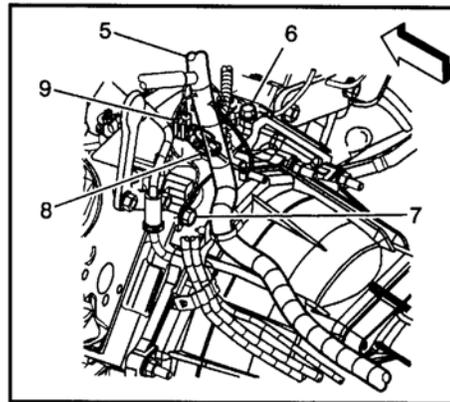
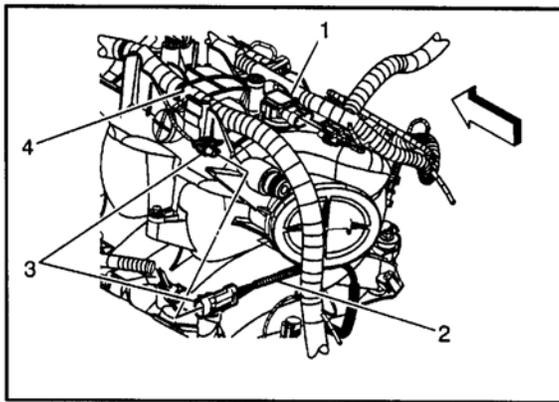
Fig. 51: Lower Right Side Of Engine
Courtesy of GENERAL MOTORS CORP.



- (1) Intake Air Temperature (IAT)/Mass Air Flow (MAF) Sensor
- (2) Throttle Actuator Control (TAC) Module
- (3) Powertrain Control Module (PCM)
- (4) Crankshaft Position (CKP) Sensor
- (5) Starter Solenoid
- (6) Engine Oil Level Switch

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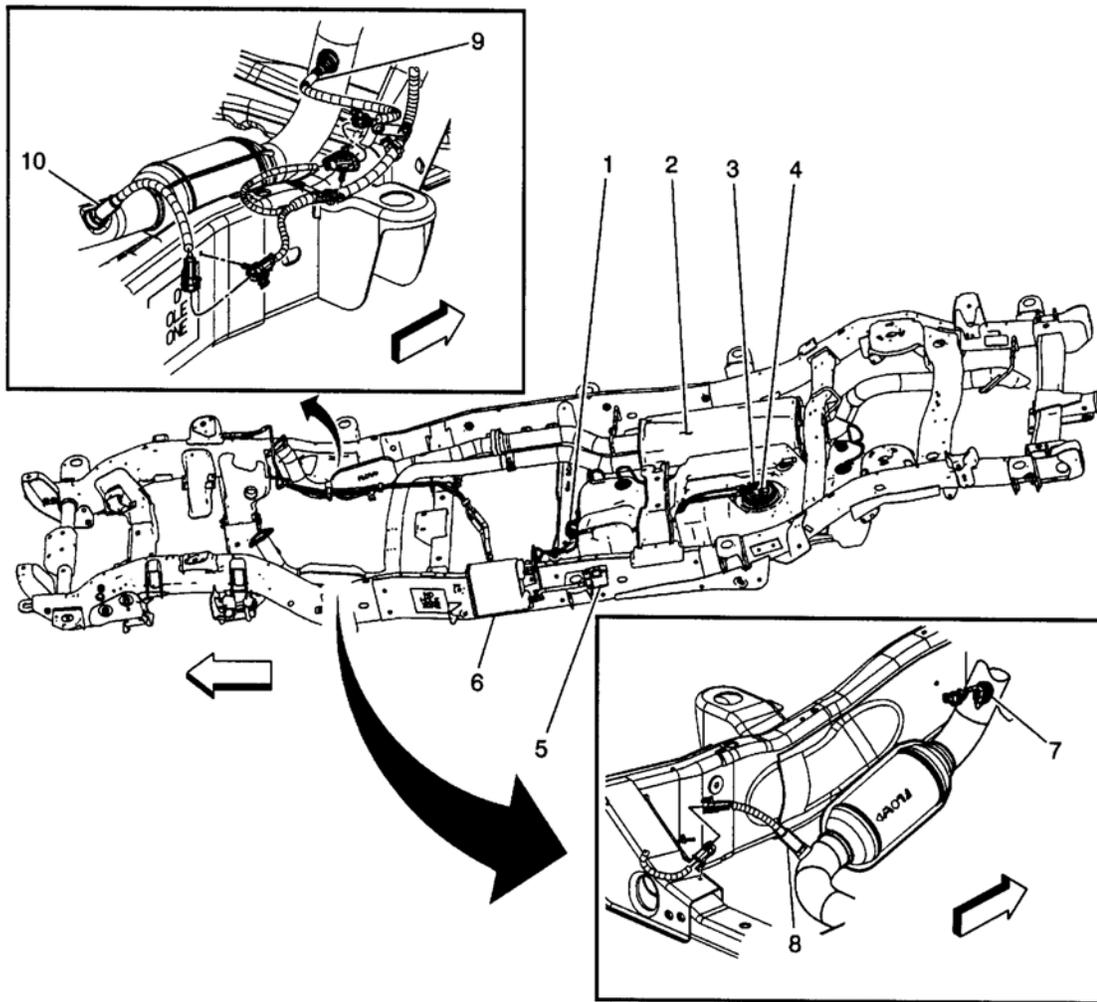
Fig. 52: Engine Compartment & Lower Right Side Of Engine
Courtesy of GENERAL MOTORS CORP.



- (1) Manifold Absolute Pressure (MAP) Sensor
- (2) Knock Sensor Pigtail
- (3) C115
- (4) Engine Harness
- (5) Engine Harness
- (6) G103
- (7) G104
- (8) Camshaft Position (CMP) Sensor Connector
- (9) Engine Oil Pressure (EOP) Sensor Connector
- (10) Generator
- (11) Throttle Body Connector
- (12) Evaporative Emission (EVAP) Canister Purge Solenoid

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Fig. 53: Right Rear, Left Rear & Front Of Engine
Courtesy of GENERAL MOTORS CORP.

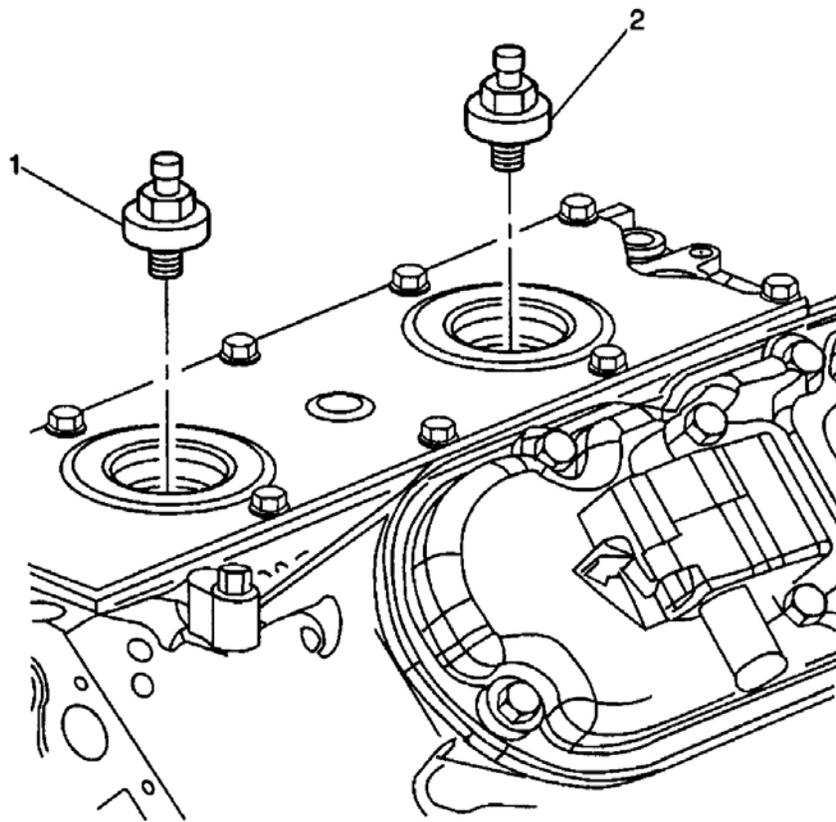


- (1) Fuel Filter
- (2) Fuel Tank
- (3) Fuel Pump and Sender Assembly
- (4) Fuel Tank Pressure (FTP) Sensor
- (5) Evaporative Emission Canister Vent (EVAP) Solenoid
- (6) EVAP Canister
- (7) Heated Oxygen Sensor (HO2S)-Bank 1 Sensor 1
- (8) Heated Oxygen Sensor (HO2S)-Bank 1 Sensor 2
- (9) Heated Oxygen Sensor (HO2S)-Bank 2 Sensor 1
- (10) Heated Oxygen Sensor (HO2S)-Bank 2 Sensor 2

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Fig. 54: Frame

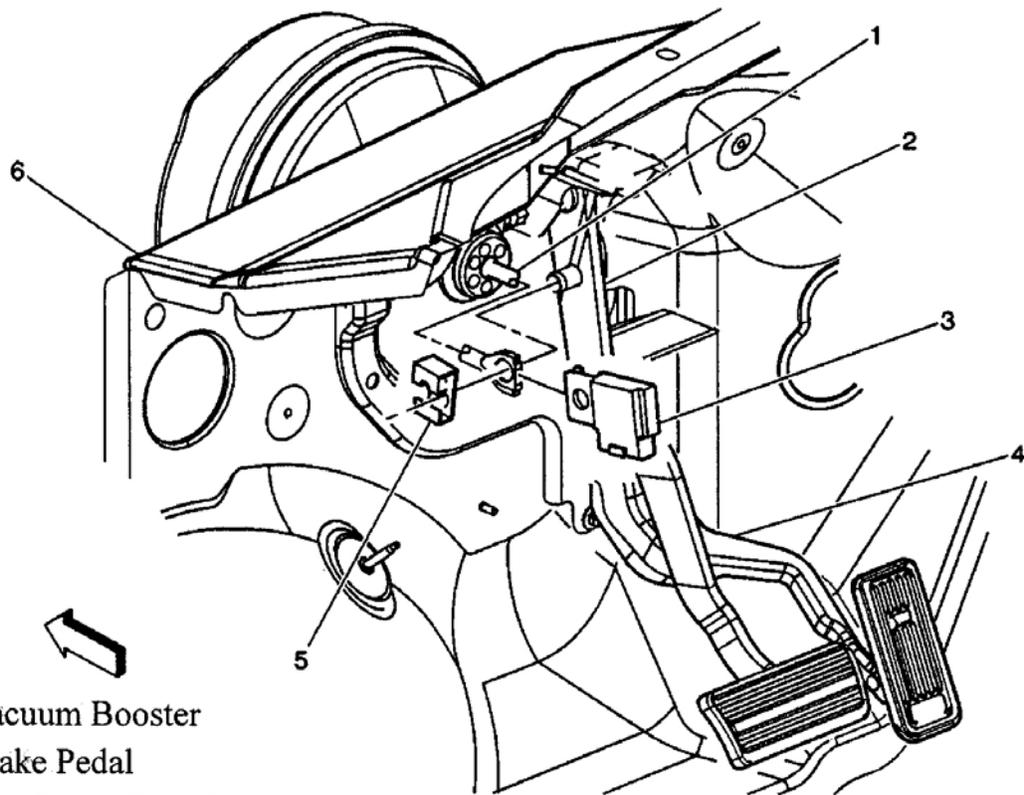
Courtesy of GENERAL MOTORS CORP.



- (1) Knock Sensor (KS) 1
- (2) Knock Sensor (KS) 2

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Fig. 55: Top Of Engine
Courtesy of GENERAL MOTORS CORP.

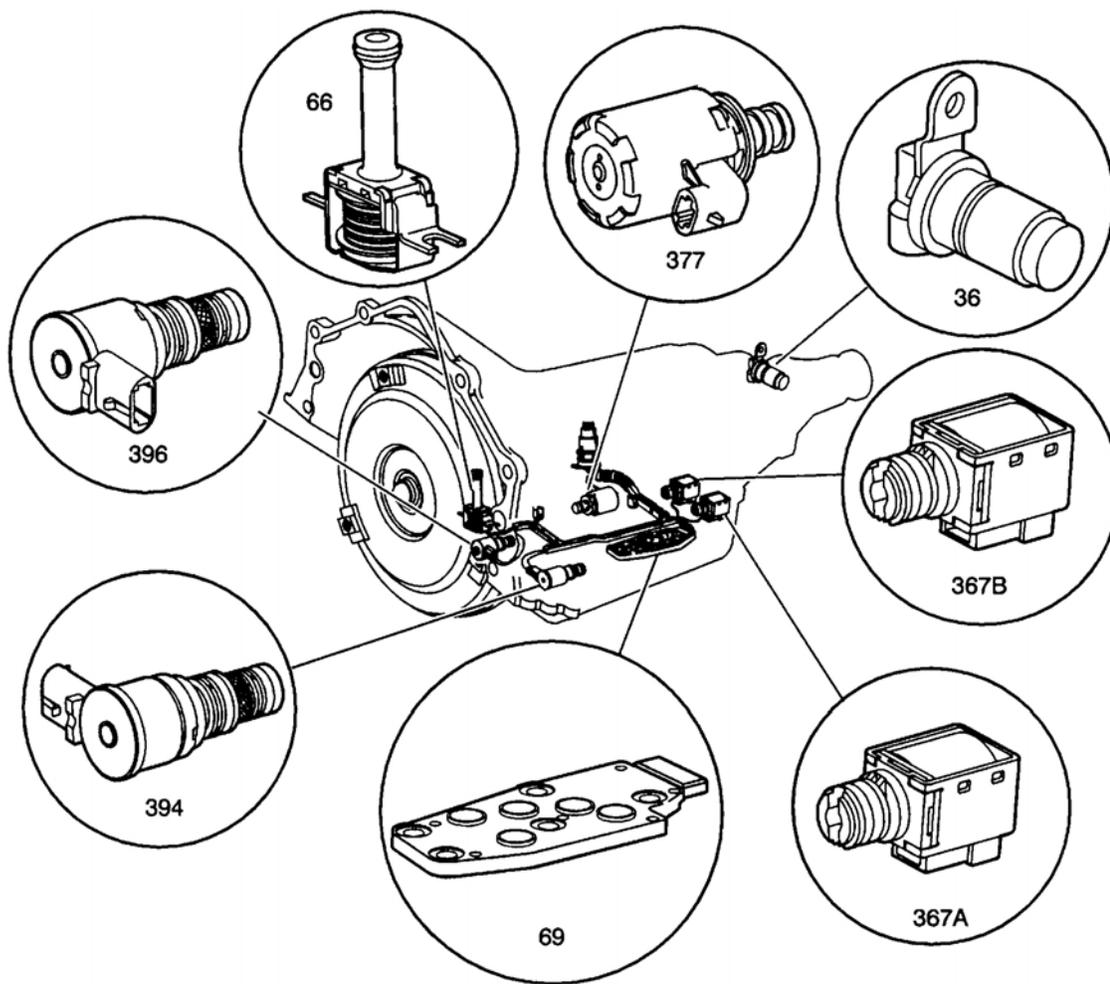


- (1) Vacuum Booster
- (2) Brake Pedal
- (3) Stop Lamp Switch
- (4) Accelerator Pedal
- (5) Stop Lamp Switch Retainer
- (6) Dash Panel

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Fig. 56: Left Side Of Dash

Courtesy of GENERAL MOTORS CORP.

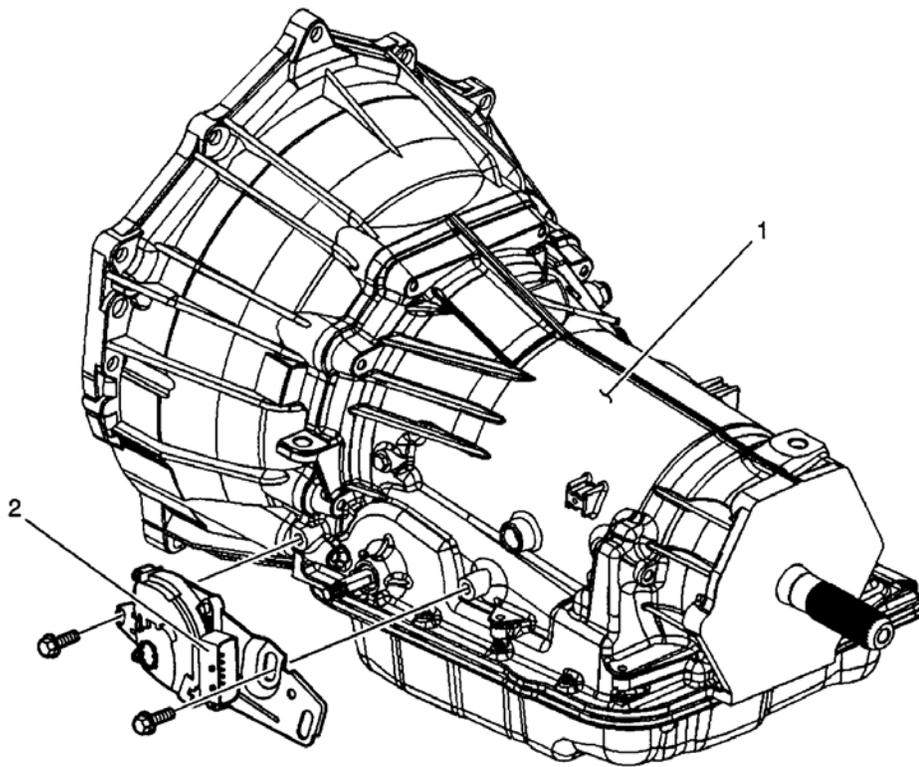


- (36) Vehicle Speed Sensor (VSS)
- (66) Torque Converter Clutch (TCC) Solenoid Valve
- (69) Automatic Transmission Fluid Pressure (TFP) Manual Valve Position Switch
- (367a) 1-2 Shift Solenoid (SS) Valve
- (367b) 2-3 Shift Solenoid (SS) Valve
- (377) Pressure Control (PC) Solenoid Valve
- (394) 3-2 Shift Solenoid (SS) Valve Assembly
- (396) Torque Converter Clutch Pulse Width Modulation (TCC PWM) Solenoid Valve

G00262138

Fig. 57: Transmission

Courtesy of GENERAL MOTORS CORP.



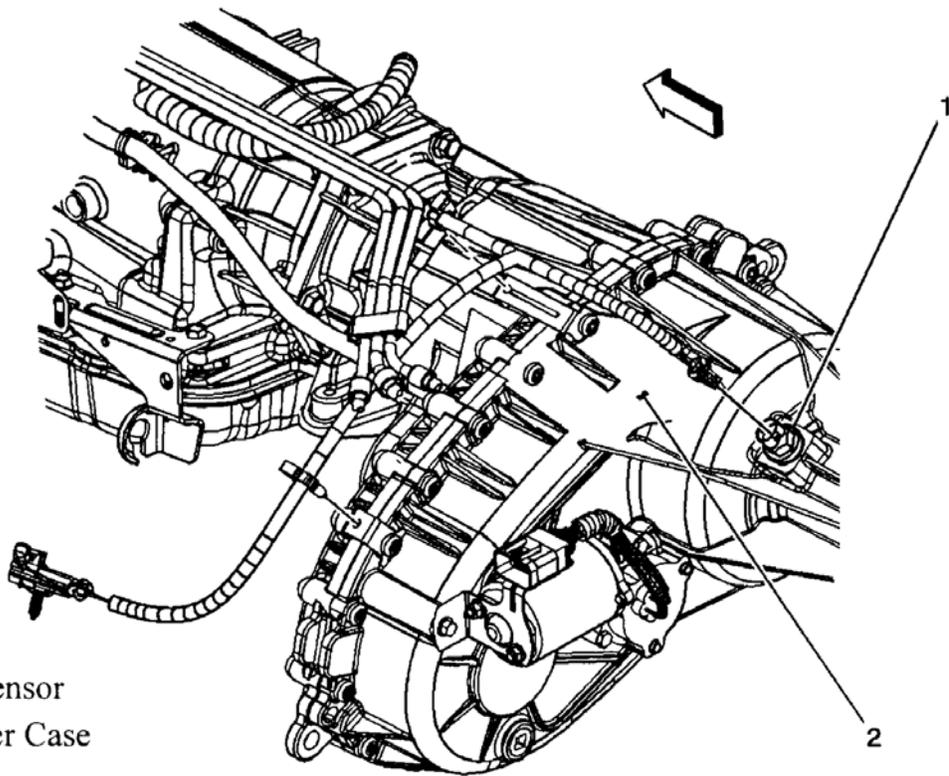
(1) Automatic Transmission 4L60-E

(2) PNP Switch

G00262139

Fig. 58: Left Side Of Transmission

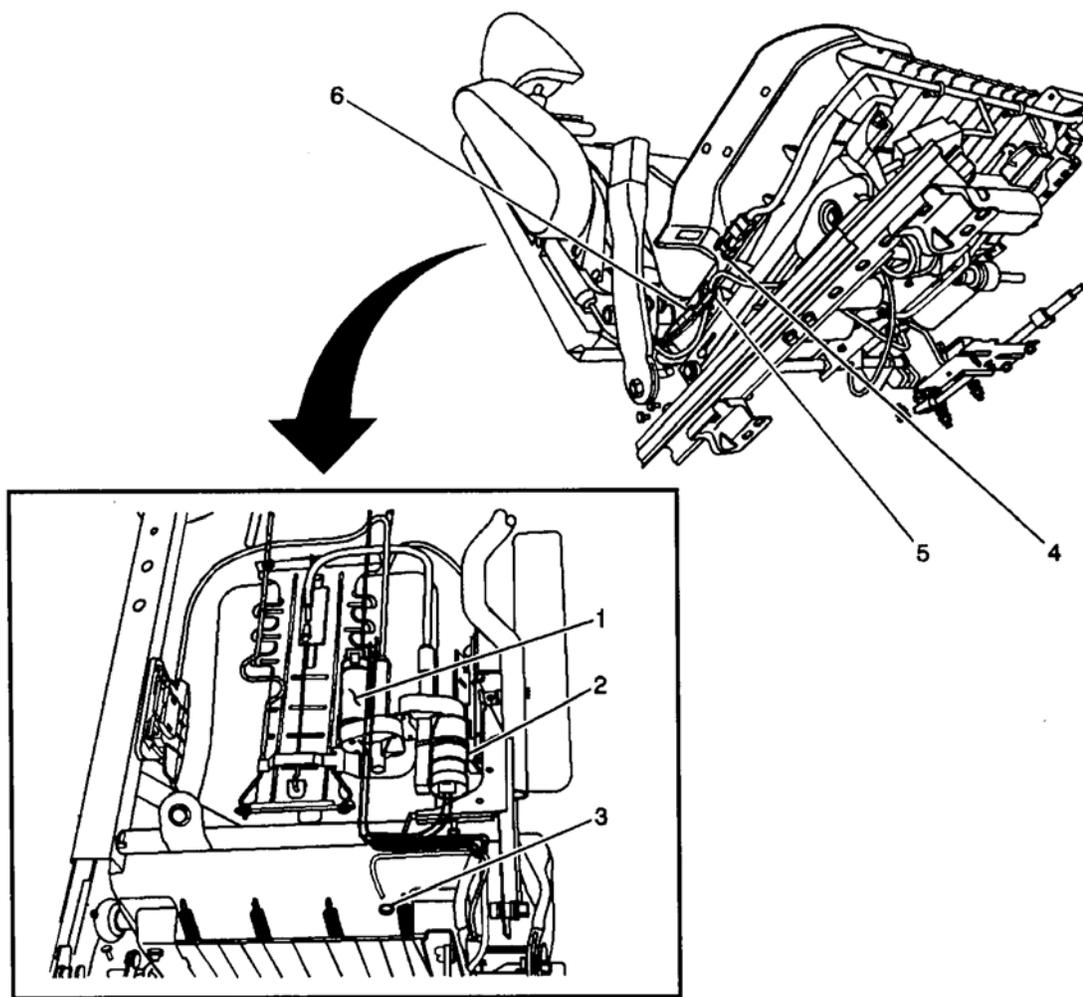
Courtesy of GENERAL MOTORS CORP.



- (1) VSS Sensor
- (2) Transfer Case

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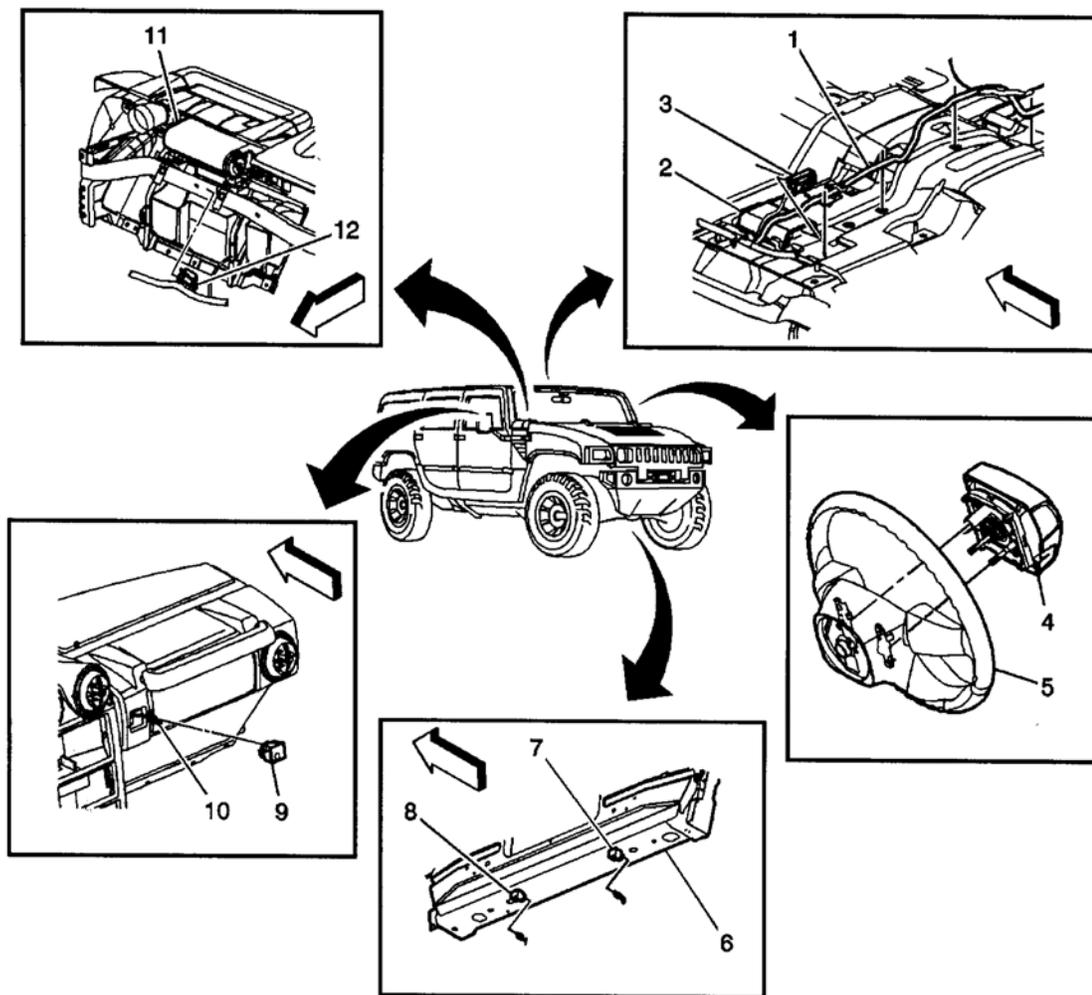
Fig. 59: Rear Of Transfer Case
Courtesy of GENERAL MOTORS CORP.



- (1) Seat Bolster Motor-Driver
- (2) Seat Lumbar Motor-Driver
- (3) Heated Seat Element-Driver Cushion
- (4) C333
- (5) Seat Belt Switch Connector
- (6) Heated Seat Element-Driver Cushion Connector

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Fig. 60: Driver Seat
 Courtesy of GENERAL MOTORS CORP.



- (1) Body Harness
- (2) Inflatable Restraint Sensing and Diagnostic Module (SDM)
- (3) Inflatable Restraint Sensing and Diagnostic Module (SDM) Connector
- (4) Inflatable Restraint Steering Wheel Module
- (5) Steering Wheel
- (6) Radiator Support
- (7) Inflatable Restraint Front End Discriminating Sensor - Left

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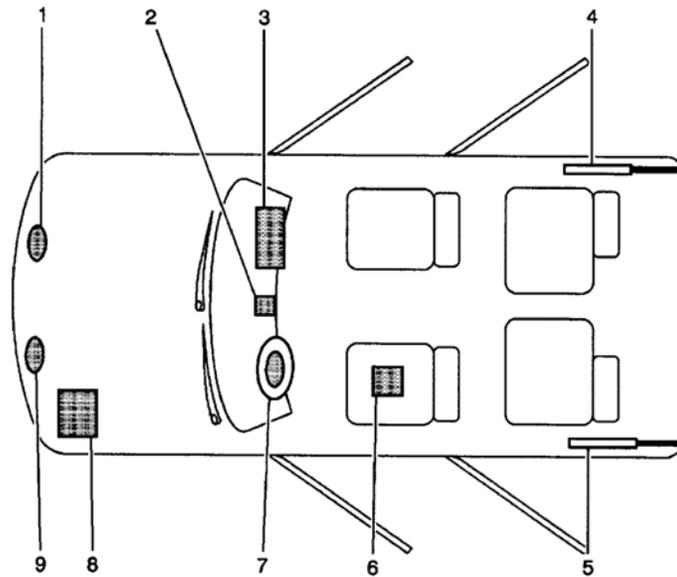
Fig. 61: SIR Components (1 Of 2)
Courtesy of GENERAL MOTORS CORP.

- (8) Inflatable Restraint Front End Discriminating Sensor - Right
- (9) Inflatable Restraint I/P Module Disable Switch
- (10) Inflatable Restraint I/P Module Disable Switch Connector
- (11) Inflatable Restraint I/P Module
- (12) Inflatable Restraint I/P Module Connector

G00262143

Fig. 62: SIR Components (2 Of 2)

Courtesy of GENERAL MOTORS CORP.

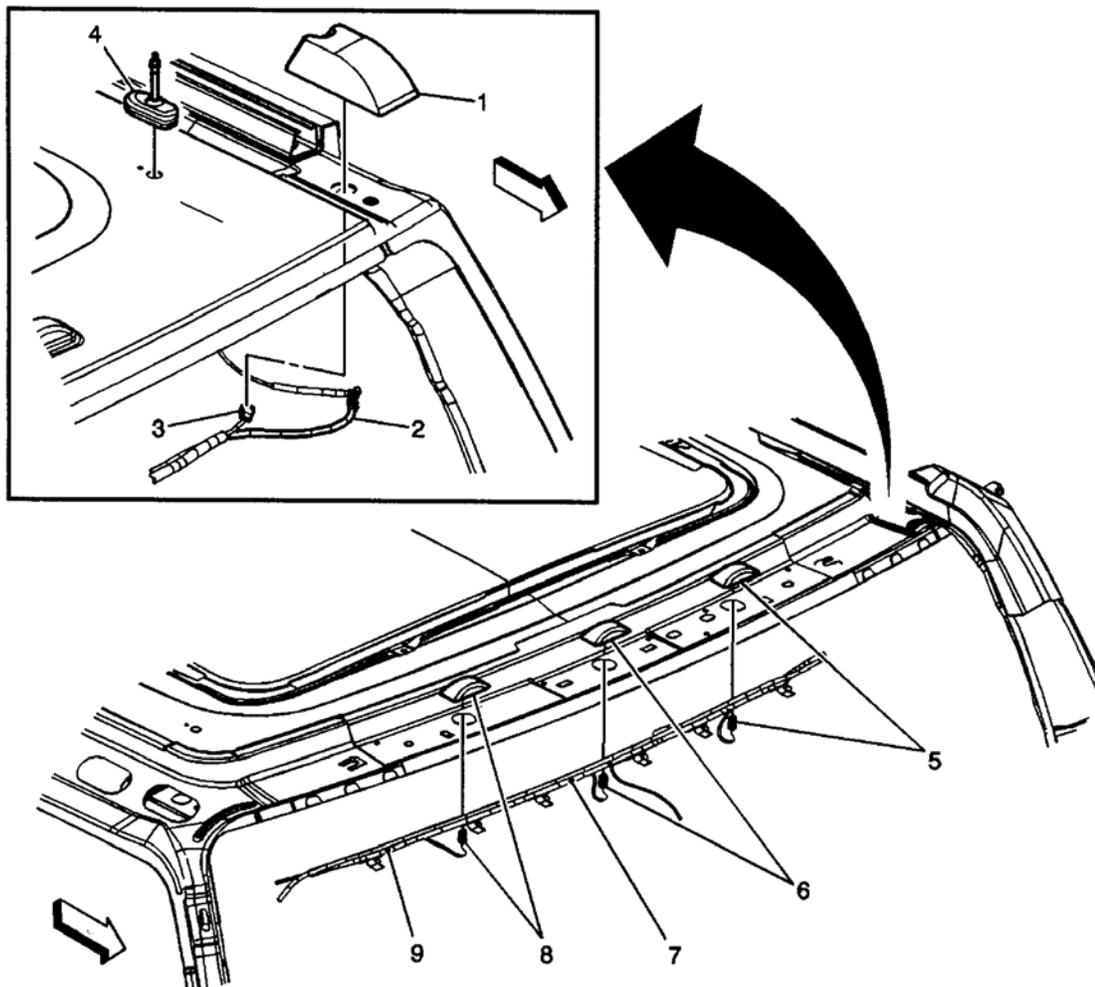


- (1) Inflatable Restraint Electronic Frontal Sensor (EFS)-Located on the front of the vehicle in the engine compartment
- (2) Inflatable Restraint I/P Module Disable Switch-Located at the top right under the instrument panel
- (3) Inflatable Restraint I/P Module-Located at the top right under the instrument panel
- (4) Rear Lift Gate Strut-A gas shock is located between rear lift gate and body on the passenger side
- (5) Rear Lift Gate Strut-A gas shock is located between rear lift gate and body on the driver side
- (6) Inflatable Restraint Sensing and Diagnostic Module (SDM)-Located underneath the LF/driver seat
- (7) Inflatable Restraint Steering Wheel Module-Located on the steering wheel
- (8) Battery-Located under Hood on the left side
- (9) Inflatable Restraint Electronic Frontal Sensor (EFS)-Located on the front of the vehicle in the engine compartment

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Fig. 63: SIR Components

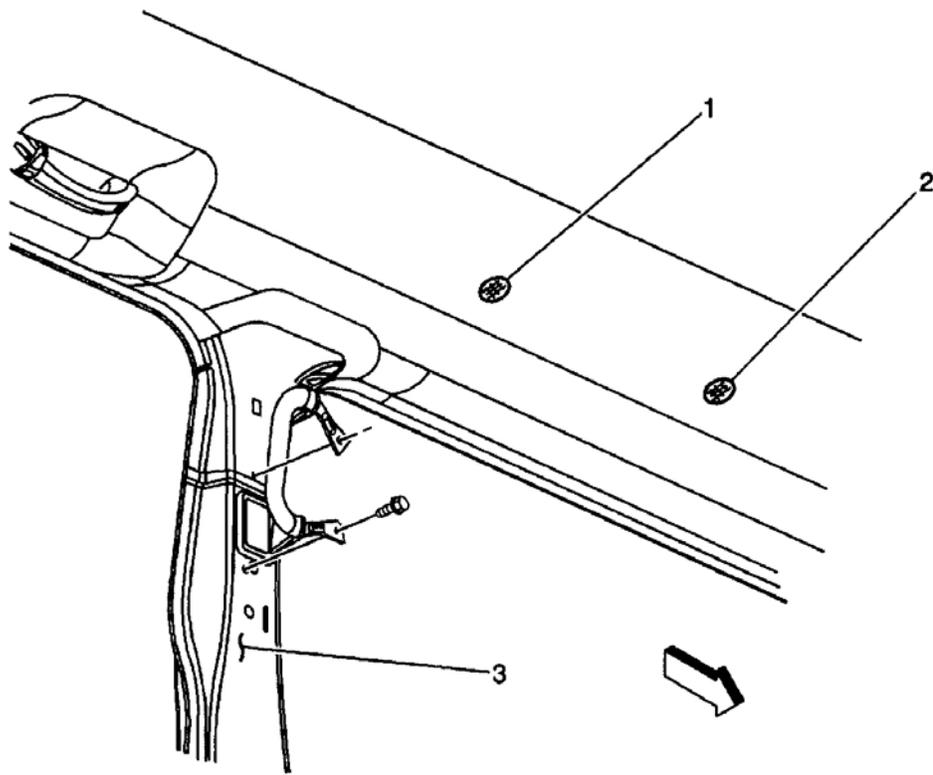
Courtesy of GENERAL MOTORS CORP.



- (1) Clearance Lamp-LF
- (2) Roof Marker Lamp Harness
- (3) Clearance Lamp Connector-LF
- (4) Cell Phone/GPS Antenna
- (5) Roof Lamp-Center Front
- (6) Roof Lamp-Center Front
- (7) Splice S345
- (8) Roof Lamp-Center Front
- (9) Splice S303

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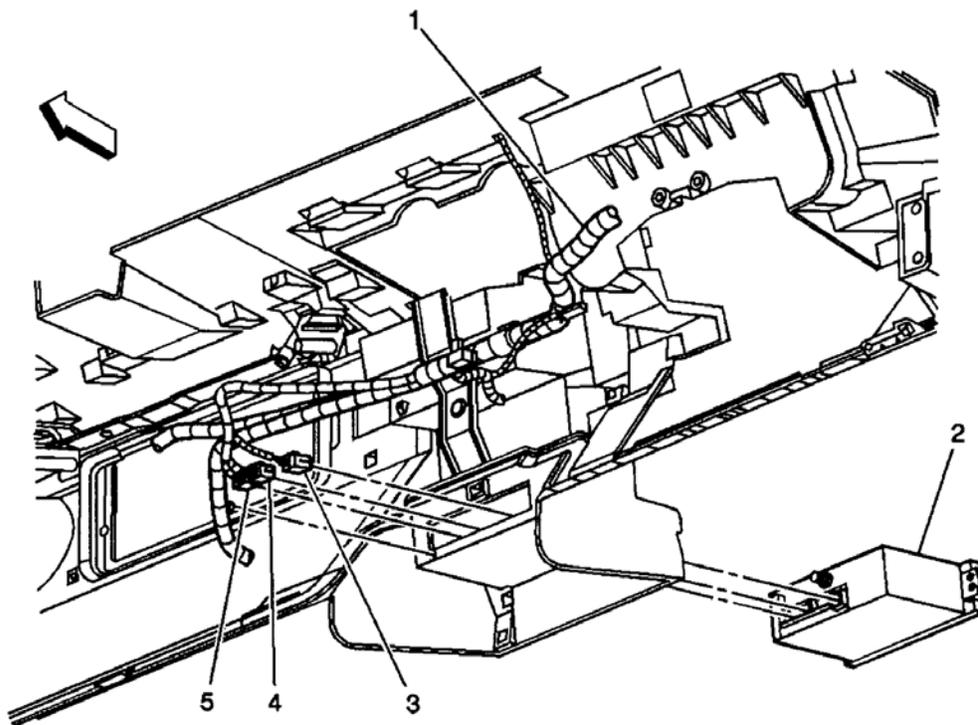
Fig. 64: Front Of Roof
 Courtesy of GENERAL MOTORS CORP.



- (1) Ambient Air Temperature Assembly-Inside
- (2) Cellular Telephone Microphone
- (3) B Pillar-Left Side

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Fig. 65: Top Of Left "B" Pillar
Courtesy of GENERAL MOTORS CORP.

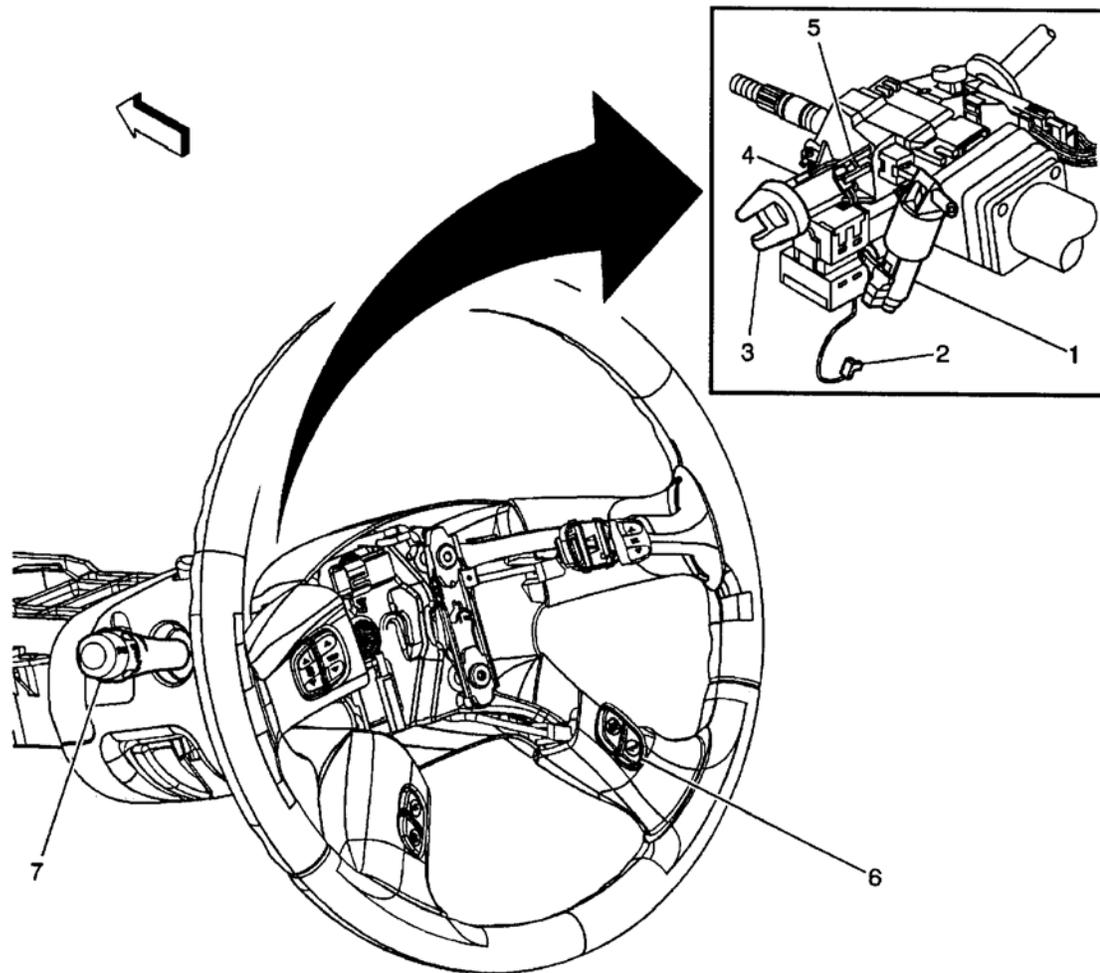


- (1) I/P Harness
- (2) Vehicle Communication Interface Module
- (3) Vehicle Communication Interface Module-C3
- (4) Vehicle Communication Interface Module-C2
- (5) Vehicle Communication Interface Module-C1

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Fig. 66: Center Of Dash

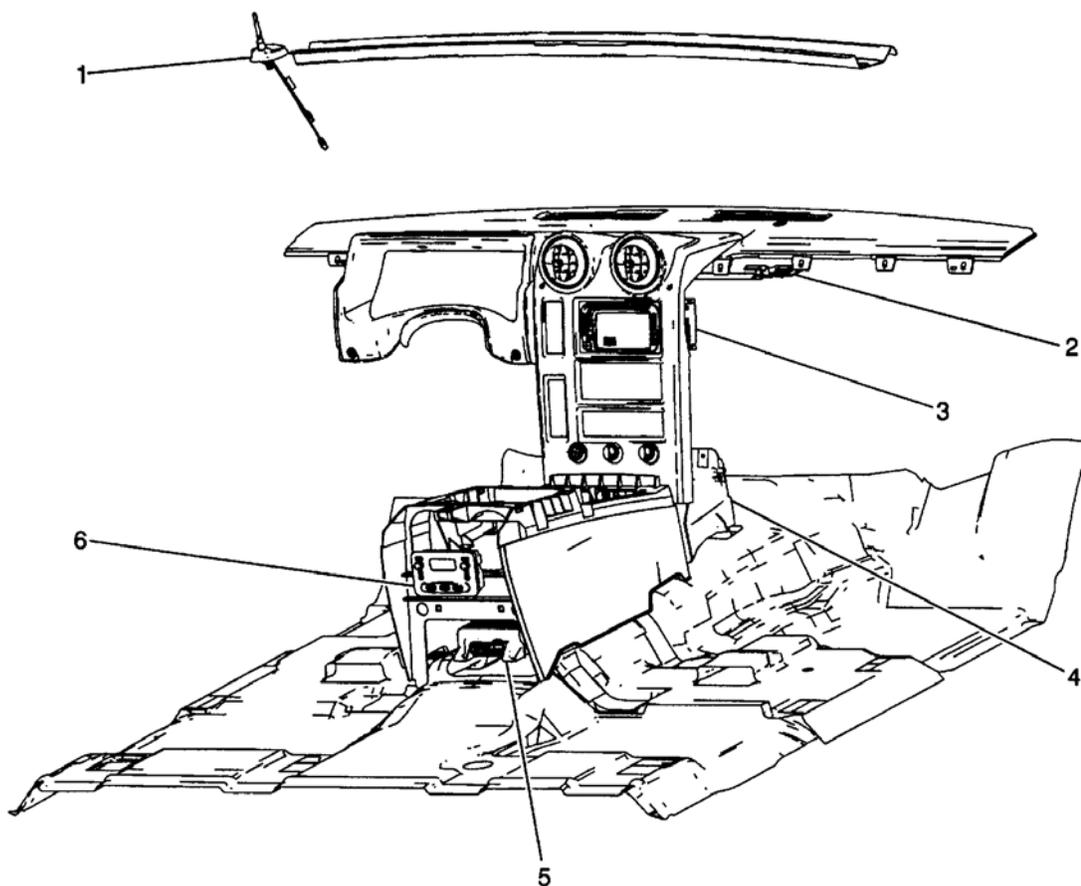
Courtesy of GENERAL MOTORS CORP.



- (1) Ignition Lock Cylinder Control Actuator
- (2) Ignition Lock Cylinder Control Actuator Connector
- (3) Ignition Switch Assembly
- (4) Passlock Sensor Connector
- (5) Ignition Key Alarm Switch
- (6) Steering Wheel Controls
- (7) Multifunction Switch

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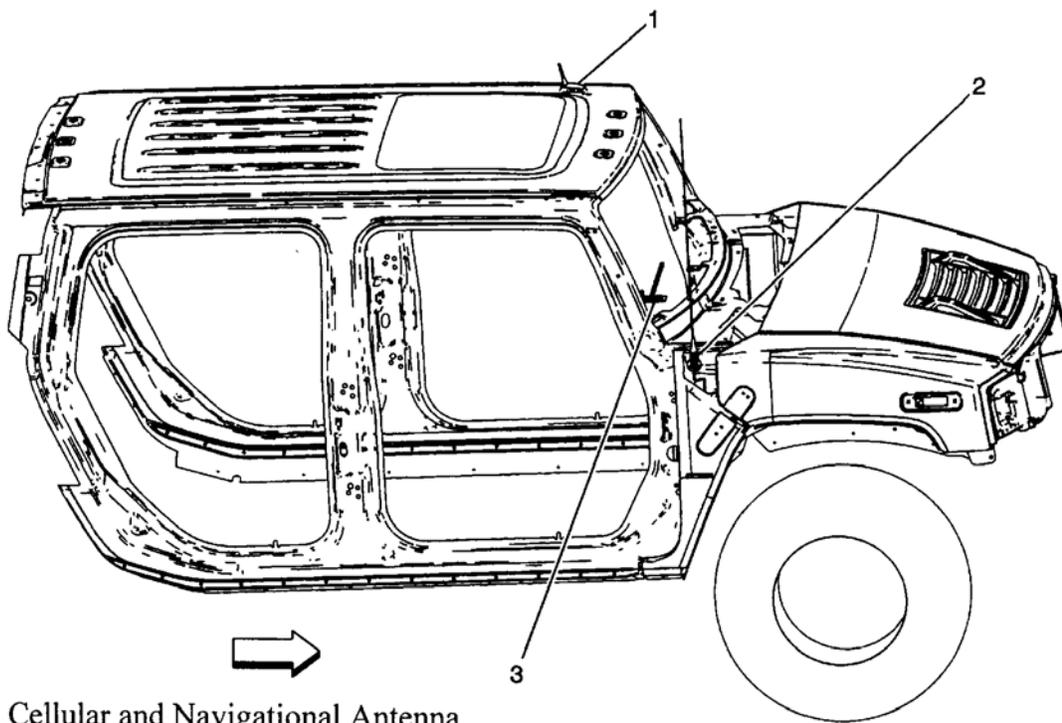
Fig. 67: Steering Wheel
Courtesy of GENERAL MOTORS CORP.



- (1) Cellular and Navigation Antenna
- (2) Navigation Radio Antenna (UM8)
- (3) Radio w/DVD
- (4) Speaker - Front Subwoofer
- (5) Audio Amplifier
- (6) Rear Seat Audio (RSA) Controller

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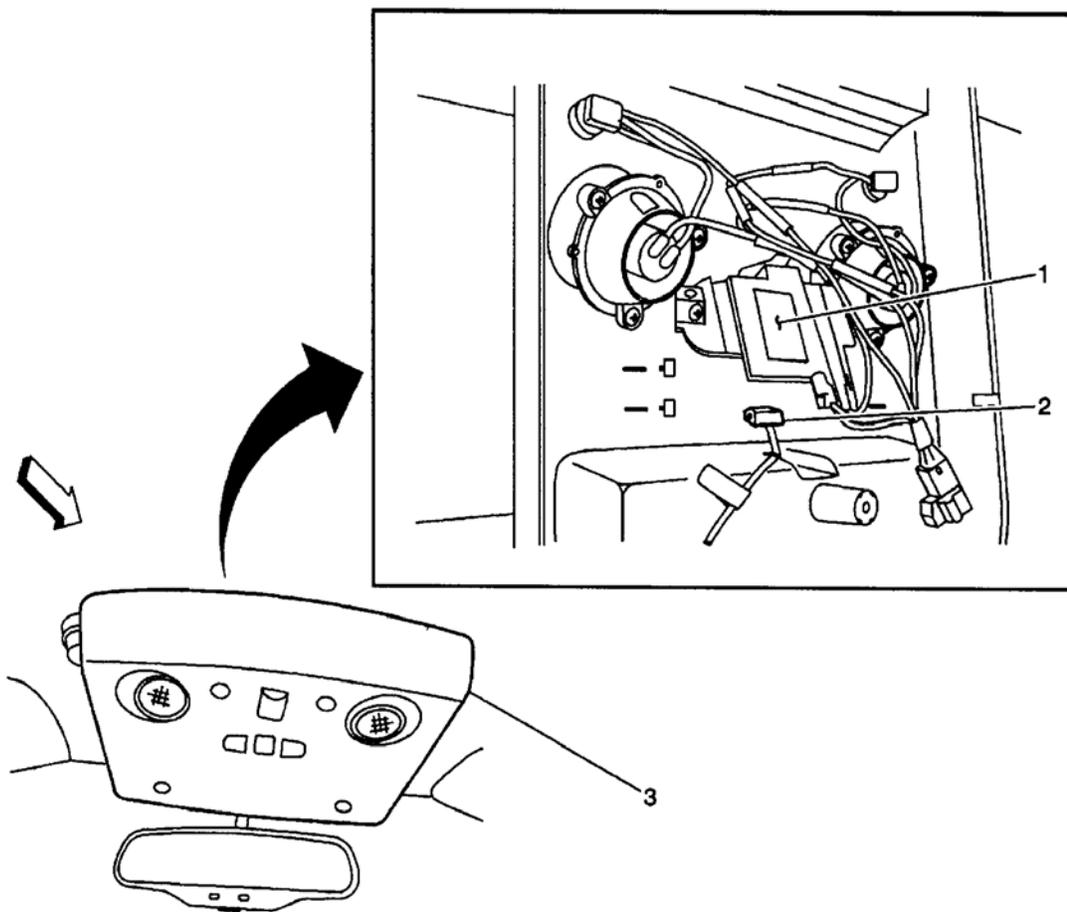
Fig. 68: Front Floor Console & Headliner
Courtesy of GENERAL MOTORS CORP.



- (1) Cellular and Navigational Antenna
- (2) Radio Antenna
- (3) Global Positioning System (GPS) Antenna (I/P)

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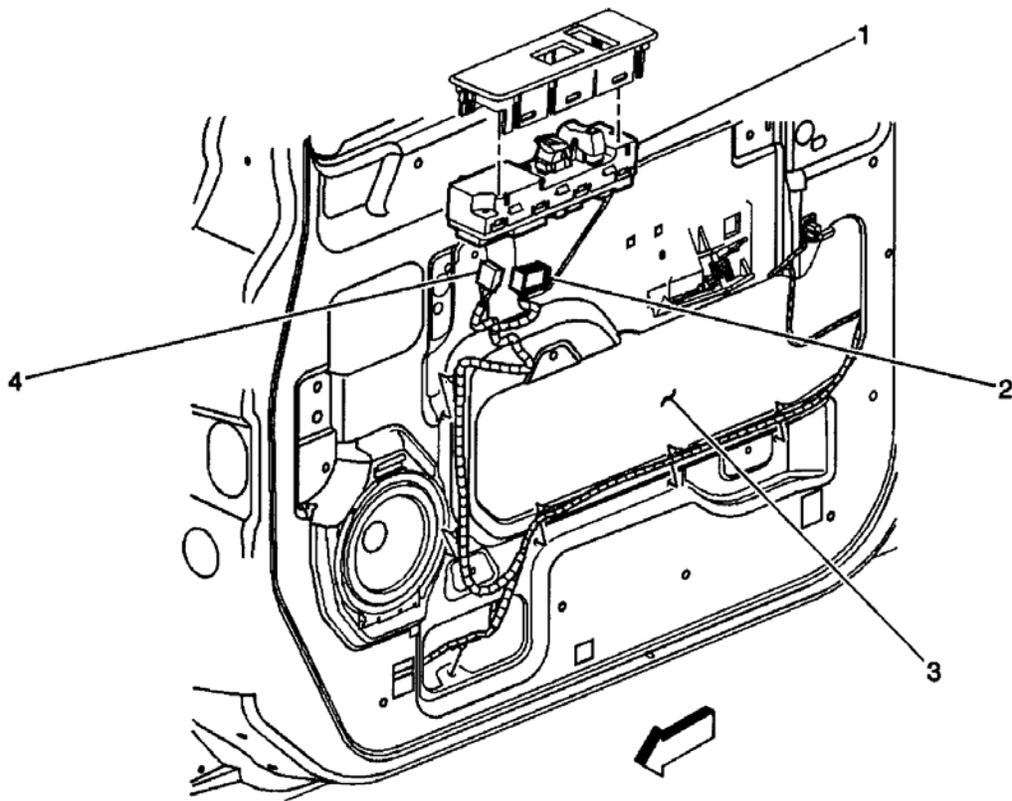
Fig. 69: Front Of Vehicle
Courtesy of GENERAL MOTORS CORP.



- (1) Garage Door Opener
- (2) Noise Cancellation Microphone
- (3) Overhead Console

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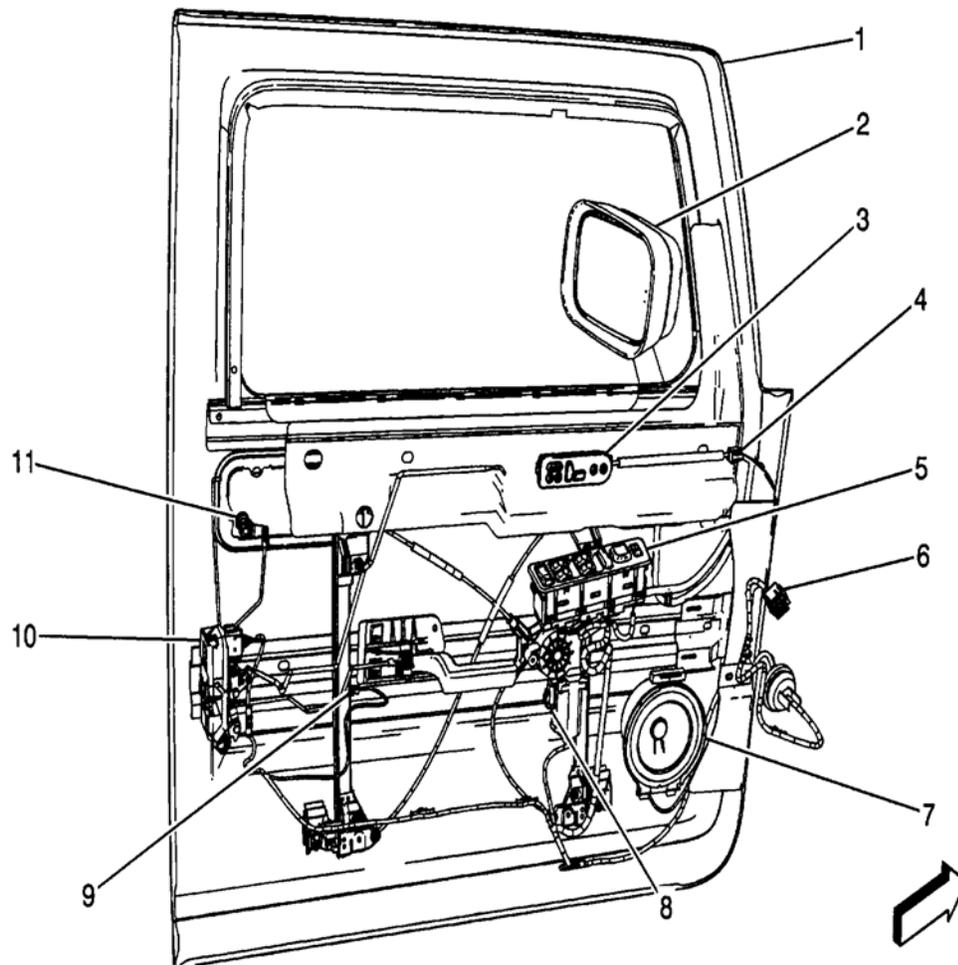
Fig. 70: Overhead Console
Courtesy of GENERAL MOTORS CORP.



- (1) RCCLR (Part of the Front Passenger Door Module)
- (2) FPDM-C2
- (3) Passenger Inner Side Door Panel
- (4) FPDM-C1

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Fig. 71: Passenger Door
Courtesy of GENERAL MOTORS CORP.

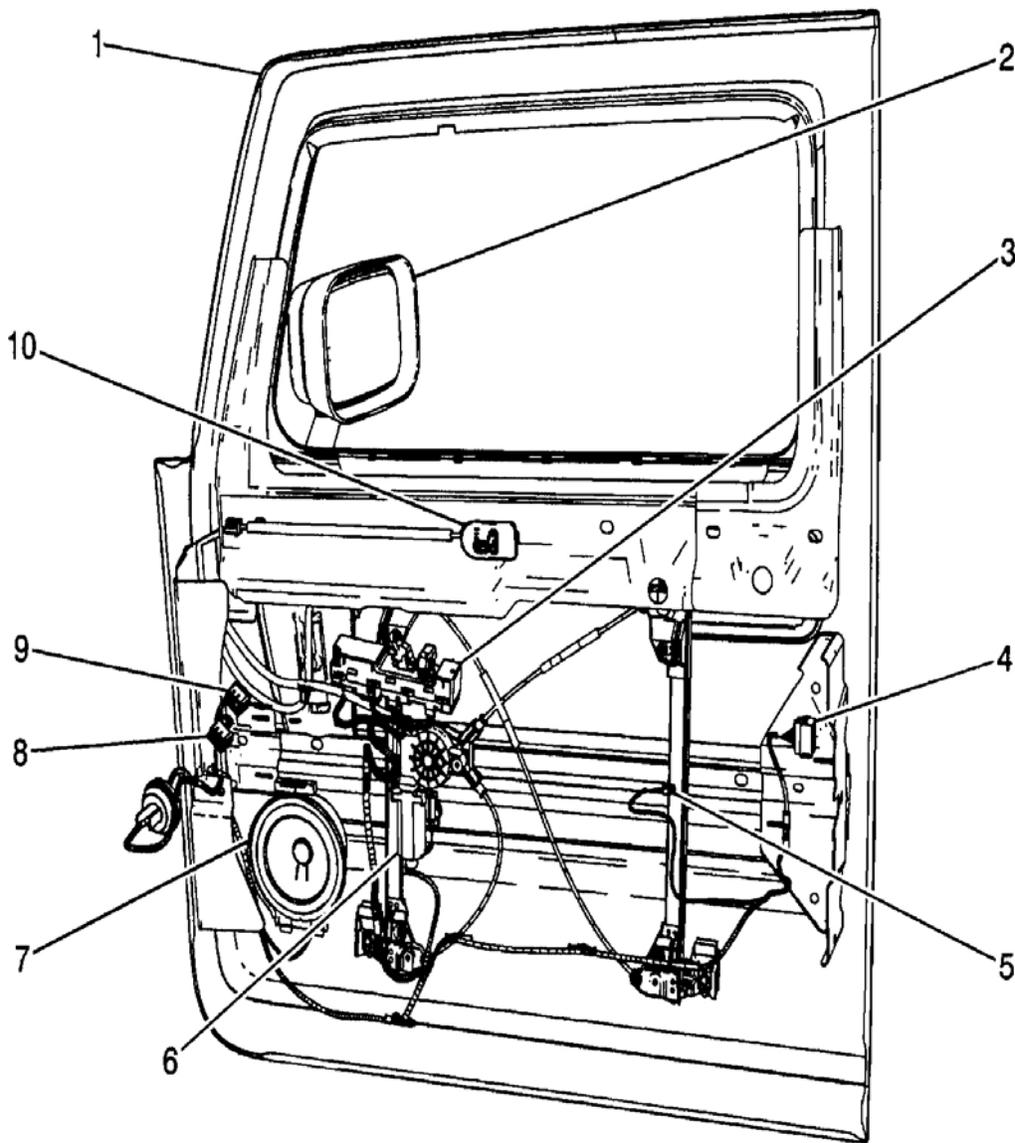


- | | |
|--|---|
| (1) Driver Door | (10) Door Latch Assembly - Driver |
| (2) Outside Rearview Mirror | (11) Door Latch Assembly Connector - Driver |
| (3) Memory/Heated Seat Switch | |
| (4) Memory/Heated Seat Switch Connector - C5 (Green) | |
| (5) Driver Door Module (DDM) | |
| (6) Fuse Block - I/P - C3 | |
| (7) Speaker - LF Door | |
| (8) Window Motor - Driver | |
| (9) Courtesy Lamp - Left Door | |

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Fig. 72: Driver Door

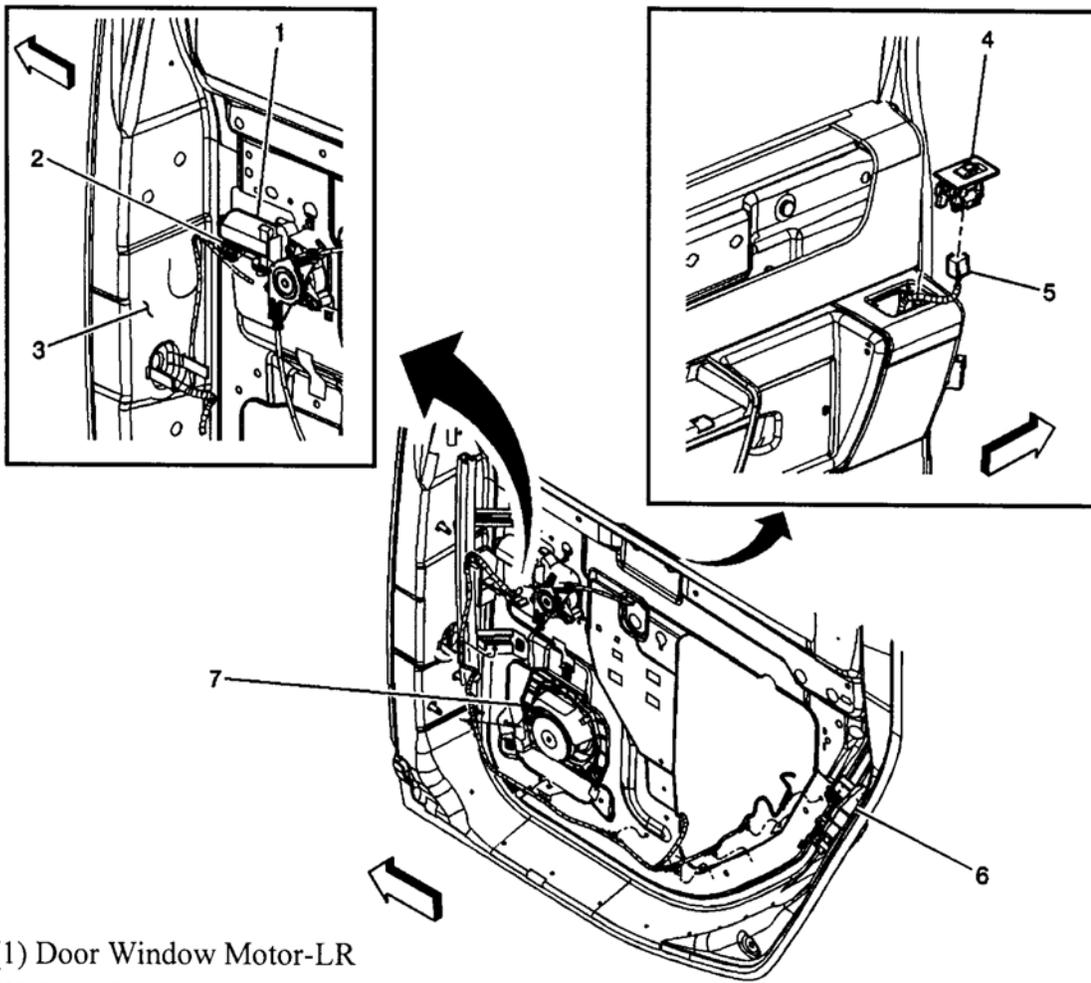
Courtesy of GENERAL MOTORS CORP.



- (1) Passenger Door
- (2) Outside Rearview Mirror
- (3) Passenger Door Module (PDM)
- (4) Door Latch Assembly - Passenger
- (5) Courtesy Lamp - Right Door
- (6) Window Motor - Front Passenger
- (7) Speaker - RF Door
- (8) Junction Block - I/P - C2
- (9) Junction Block - I/P - C7
- (10) Heated Seat Switch

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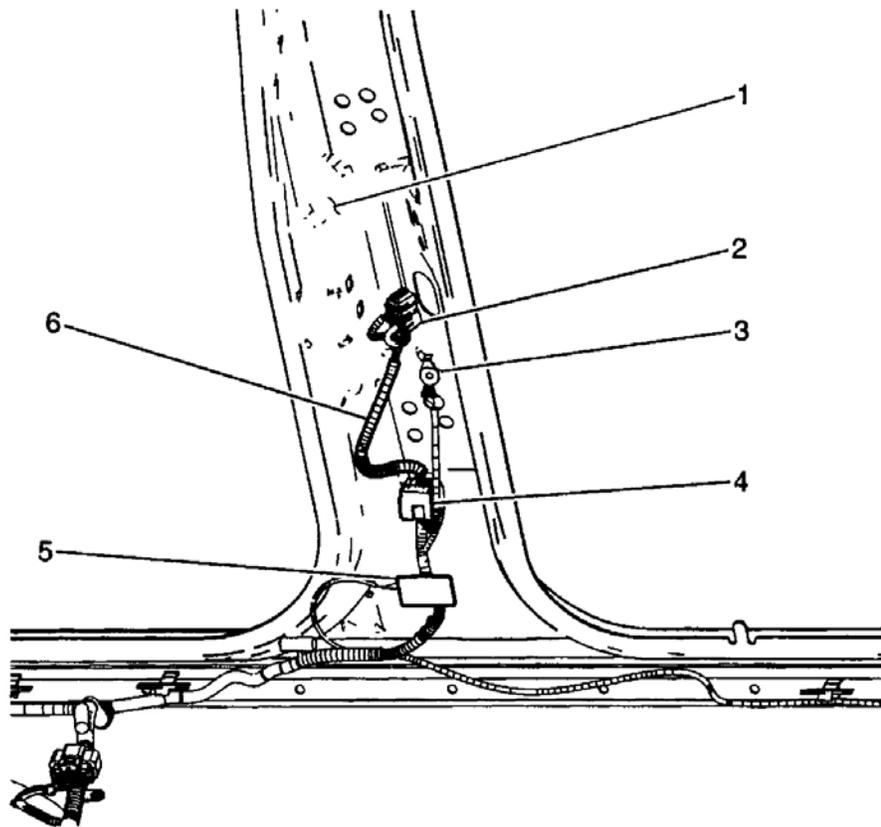
Fig. 73: Passenger Door
 Courtesy of GENERAL MOTORS CORP.



- (1) Door Window Motor-LR
- (2) Door Window Motor Connector-LR
- (3) Door Harness Passthrough Grommet
- (4) Door Window Switch-LR
- (5) Door Window Switch Connector-LR
- (6) Door Latch Assembly-LR
- (7) Speaker-LR Door

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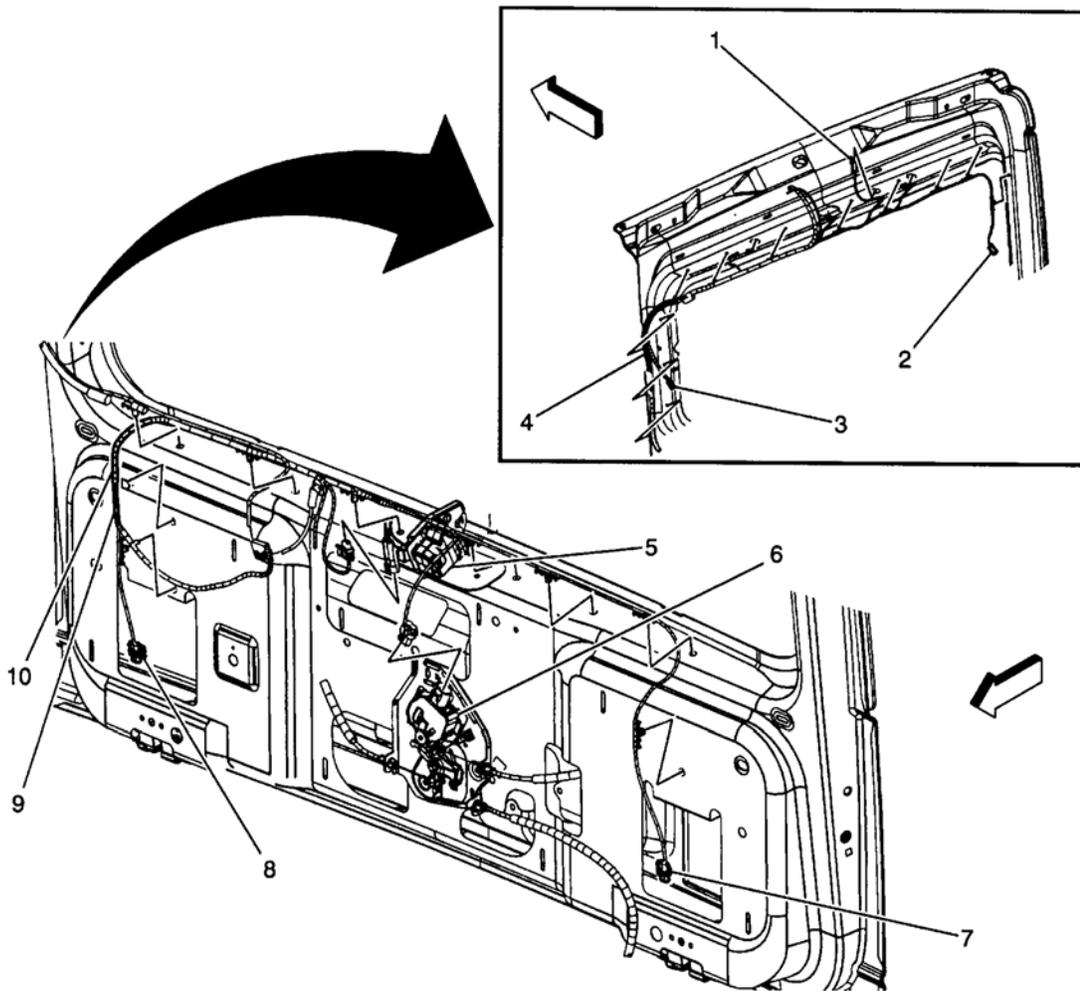
Fig. 74: Left/Right Rear Doors
 Courtesy of GENERAL MOTORS CORP.



- (1) RH B Pillar
- (2) C390
- (3) G306
- (4) Liftgate Relay
- (5) Courtesy Lamp- RH B Pillar
- (6) Body Harness

G00262162

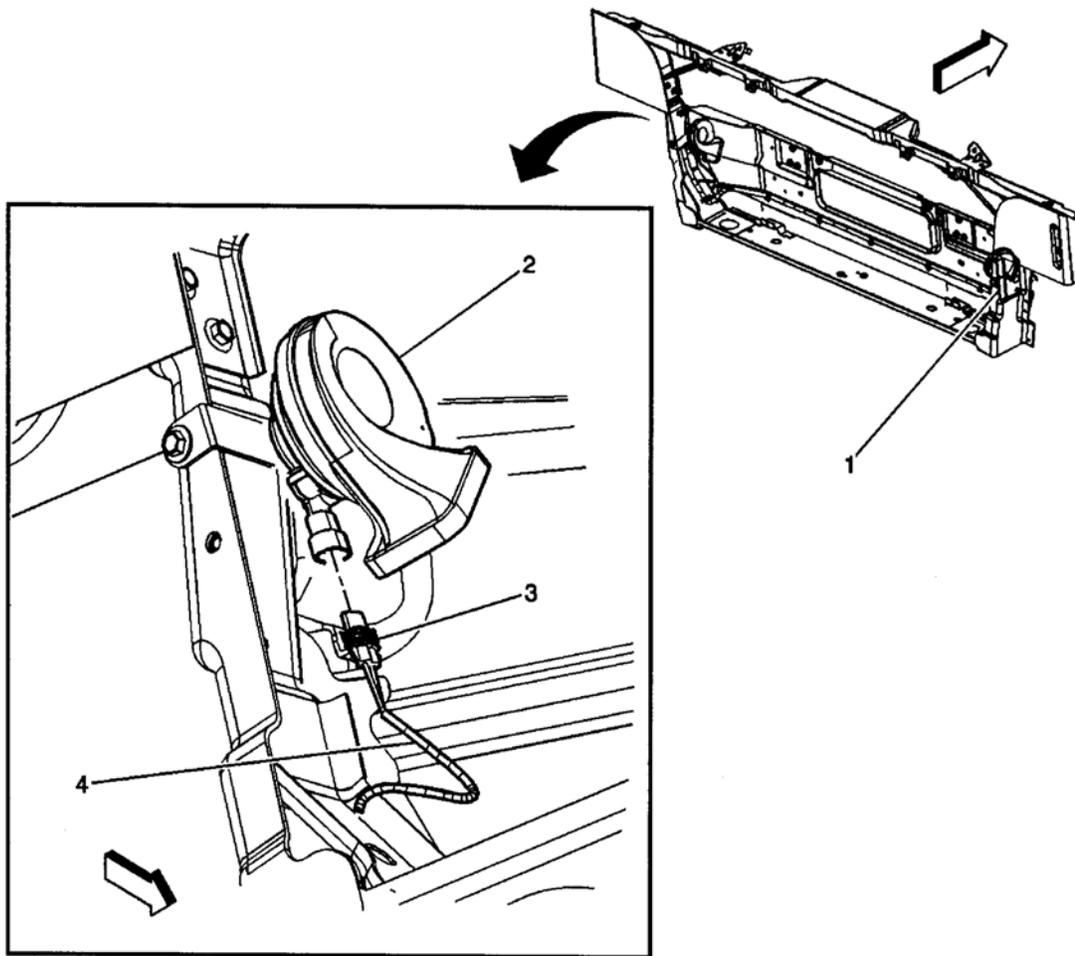
Fig. 75: Right "B" Pillar
Courtesy of GENERAL MOTORS CORP.



- (1) Center High Mounted Stop Lamp (CHMSL) Connector
- (2) Rear Window Defogger Grid Connector
- (3) Rear Window Defogger Grid Connector
- (4) Splice S900
- (5) Rear Window Wiper Module - w/Motor
- (6) Door Lock Actuator-Liftgate
- (7) Liftgate Ajar Switch-Left
- (8) Liftgate Ajar Switch-Right
- (9) Splice S902
- (10) Splice S901

G00262163

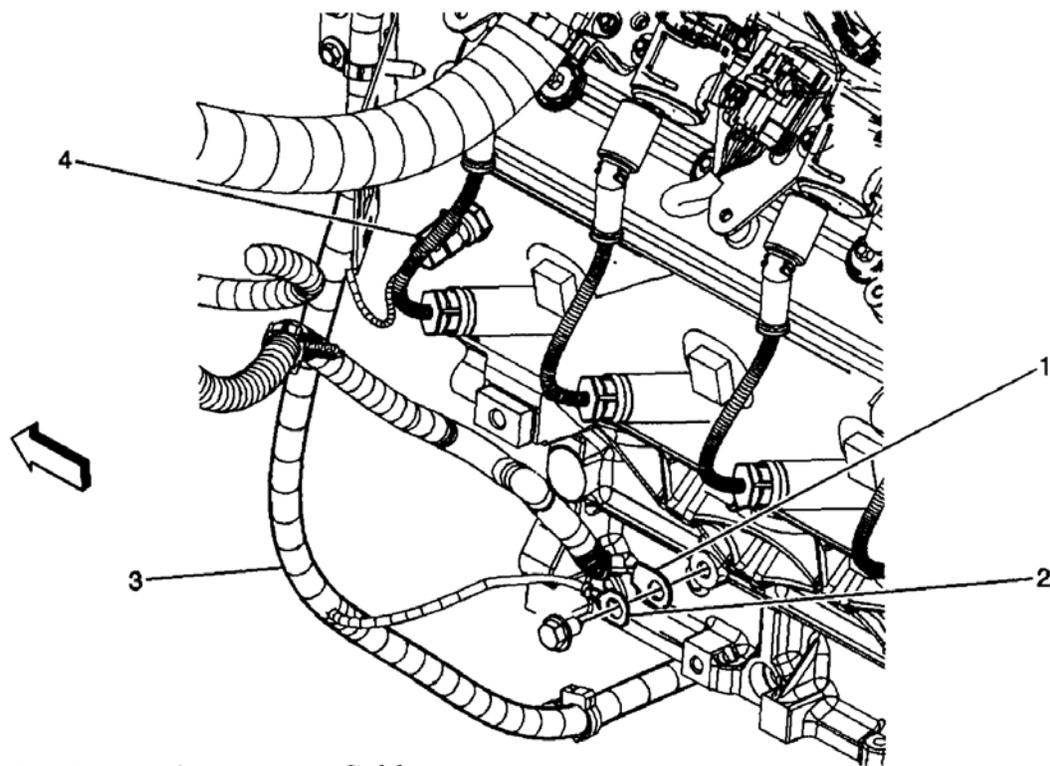
Fig. 76: Liftgate
 Courtesy of GENERAL MOTORS CORP.



- (1) Horn-Low Note
- (2) Horn-High Note
- (3) Horn Connector-High Note
- (4) Forward Lamp Harness

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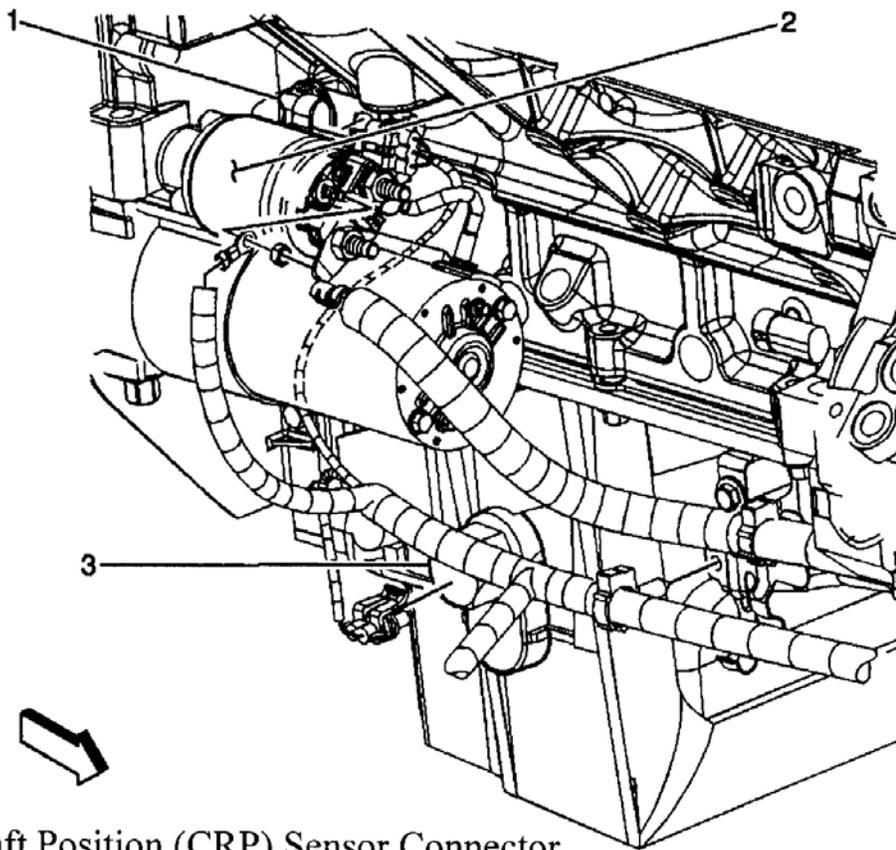
Fig. 77: Front Of Vehicle
Courtesy of GENERAL MOTORS CORP.



- (1) G105-Negative Battery Cable
- (2) G105-Engine Harness Ground
- (3) Engine Harness
- (4) Engine Coolant Temperature (ECT) Sensor

G00262165

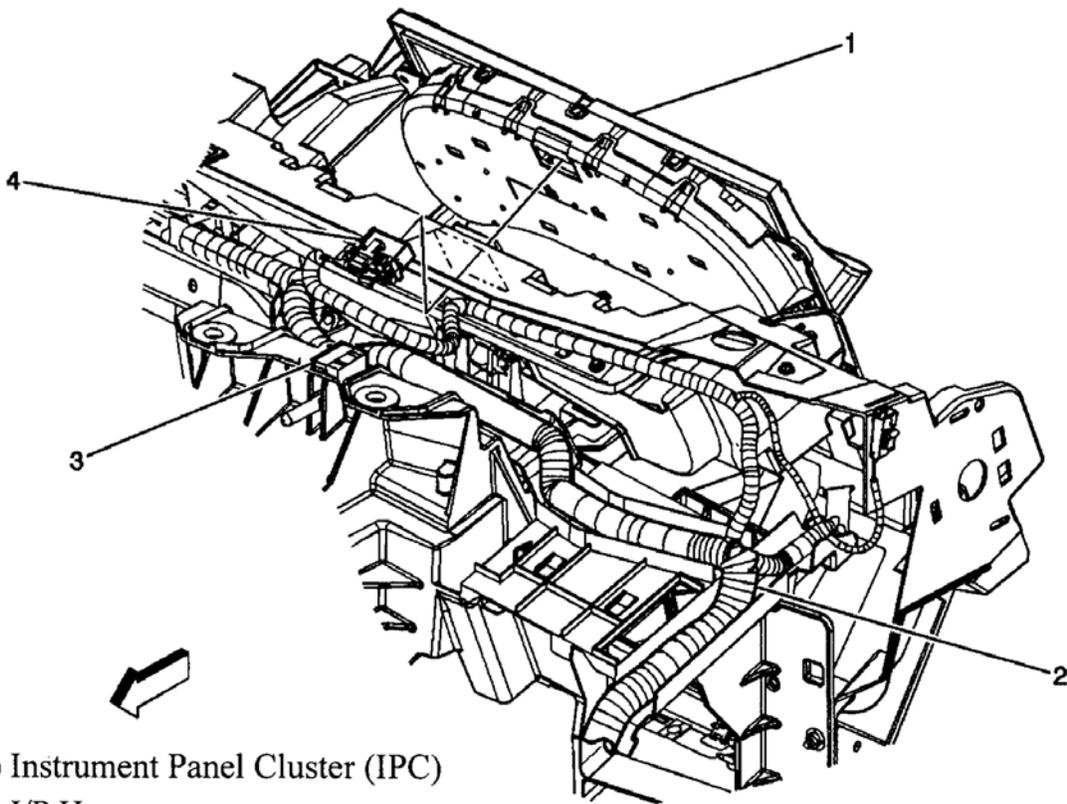
Fig. 78: Left Side Of Engine
Courtesy of GENERAL MOTORS CORP.



- (1) Crankshaft Position (CRP) Sensor Connector
- (2) Starter Motor
- (3) Engine Oil Level Switch

G00262166

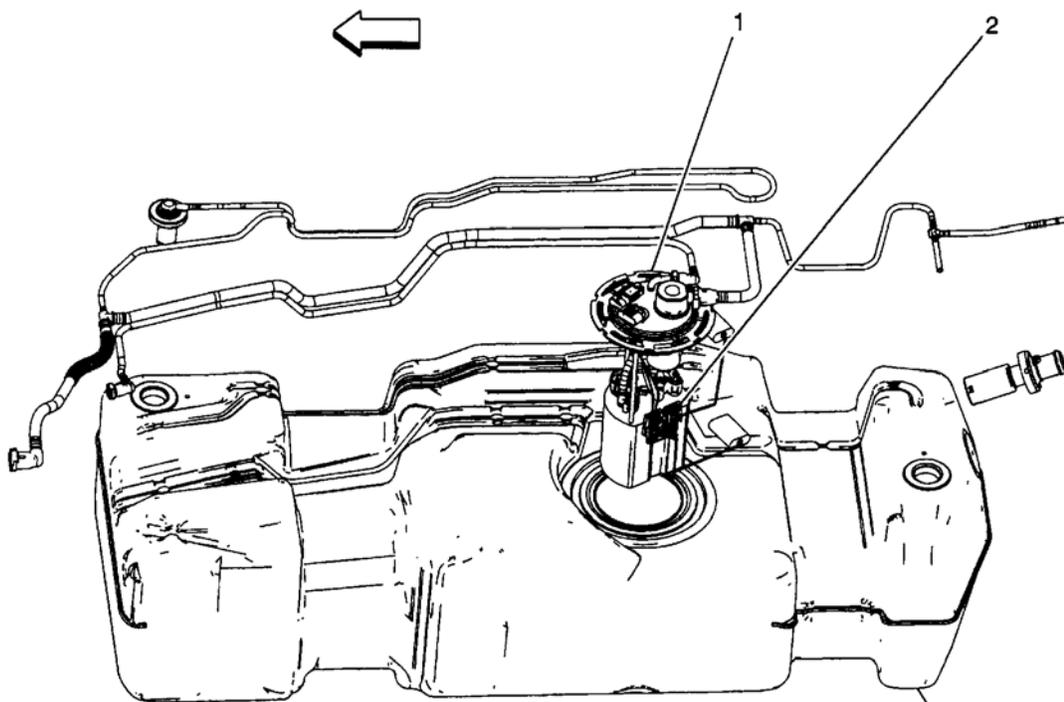
Fig. 79: Lower Right Side Of Engine
Courtesy of GENERAL MOTORS CORP.



- (1) Instrument Panel Cluster (IPC)
- (2) I/P Harness
- (3) C210-I/P Harness Side
- (4) IPC Connector

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Fig. 80: Upper Left Side Of Dash
Courtesy of GENERAL MOTORS CORP.

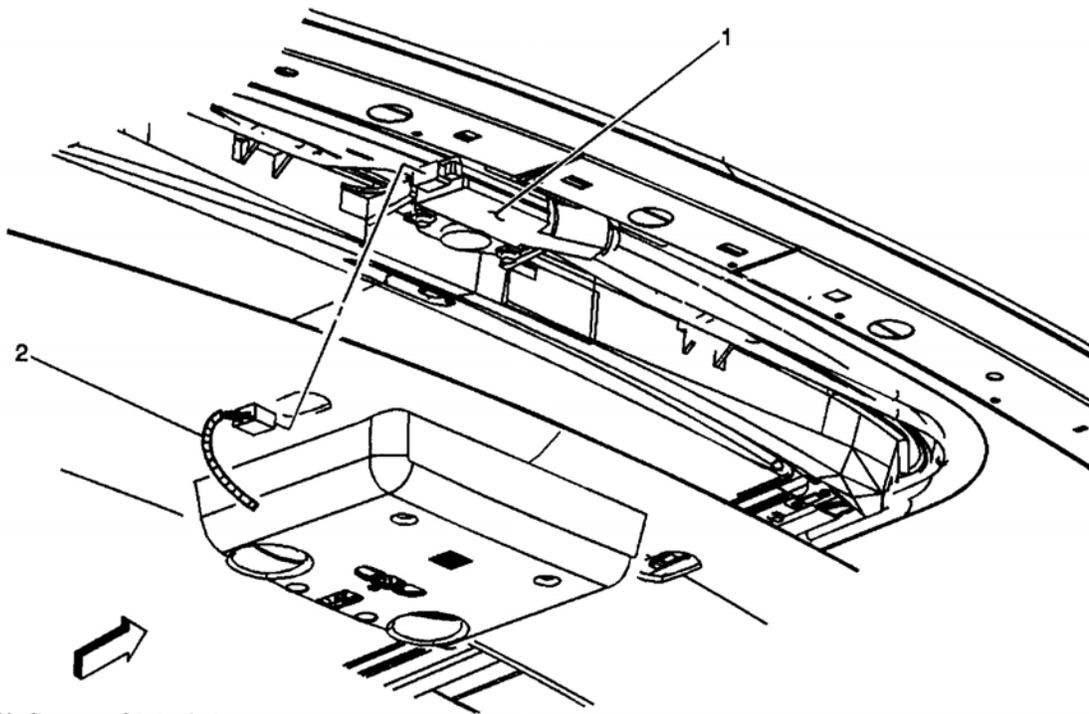


- (1) Fuel Pump and Sender Assembly
- (2) Fuel Level Sensor
- (3) Fuel Tank

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Fig. 81: Top Of Fuel Tank

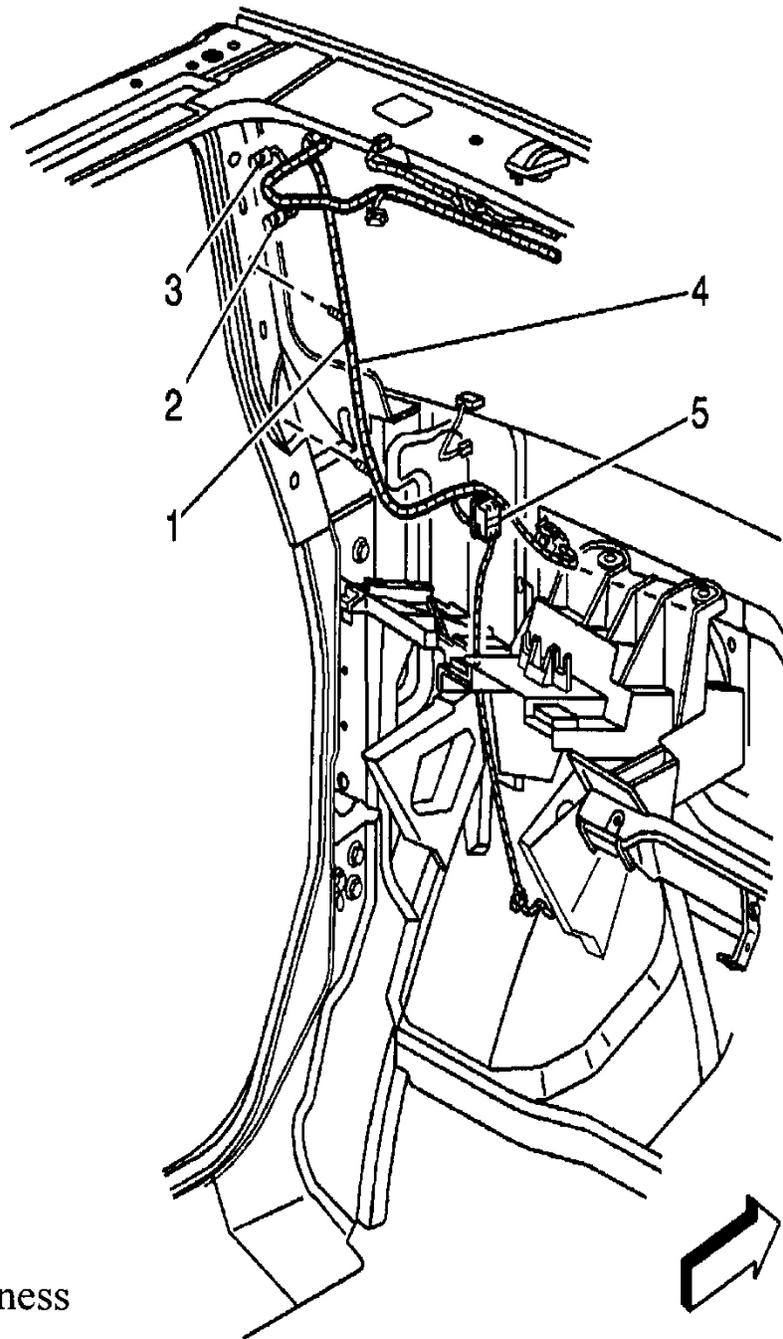
Courtesy of GENERAL MOTORS CORP.



- (1) Sunroof Module
- (2) Headliner Harness

G00262170

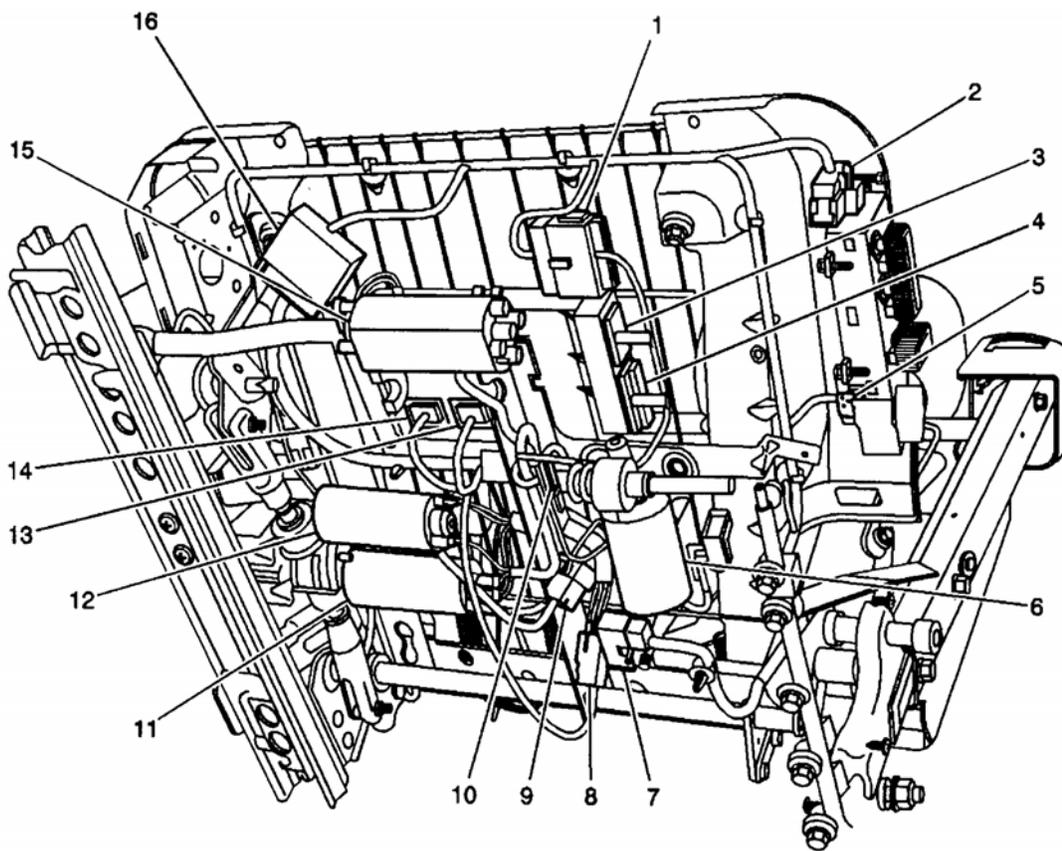
Fig. 82: Front Of Roof
Courtesy of GENERAL MOTORS CORP.



- (1) S302
- (2) S305
- (3) S301
- (4) Headliner Harness
- (5) Sunroof Relay

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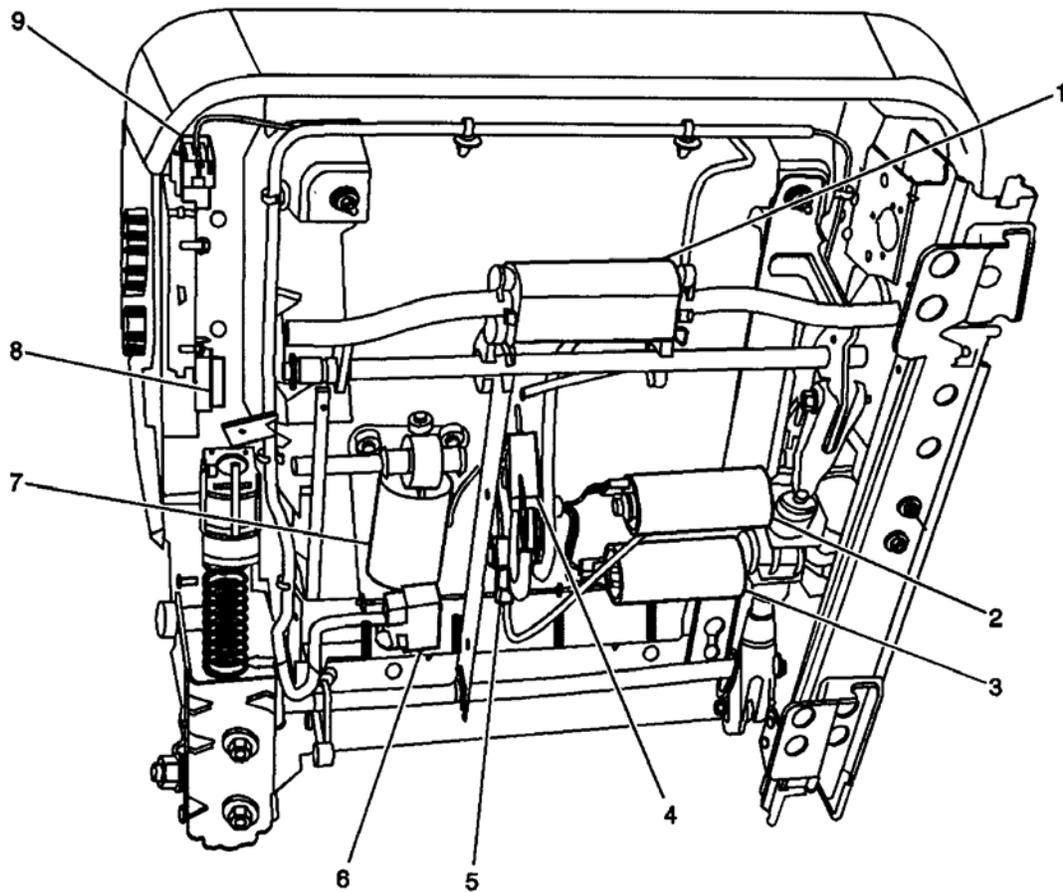
Fig. 83: Left "A" Pillar
Courtesy of GENERAL MOTORS CORP.



- | | |
|---------------------------------------|---------------------------------------|
| (1) C327 | (10) C328 |
| (2) Seat Adjuster Switch-Driver | (11) Seat Rear Vertical Motor-Driver |
| (3) Memory Seat Module-C4 | (12) Seat Front Vertical Motor-Driver |
| (4) Memory Seat Module-C3 | (13) Memory Seat Module-C2 |
| (5) Seat Bolster/Lumbar Switch-Driver | (14) Memory Seat Module-C1 |
| (6) Seat Recline Motor-Driver | (15) Seat Horizontal Motor-Driver |
| (7) C325 | (16) C326 |
| (8) C329 | |
| (9) C330 | |

G00262172

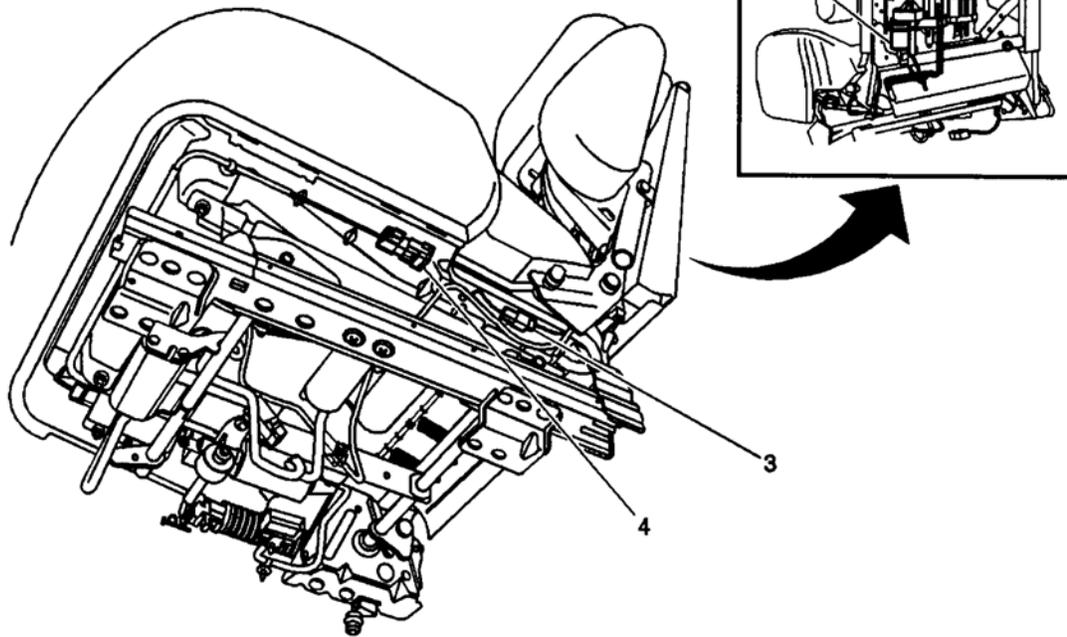
Fig. 84: Under Driver Seat
 Courtesy of GENERAL MOTORS CORP.



- (1) Seat Horizontal Motor-Front Passenger
- (2) Seat Front Vertical Motor-Front Passenger
- (3) Seat Rear Vertical Motor-Front Passenger
- (4) C376
- (5) C377
- (6) C375
- (7) Seat Recline Motor-Front Passenger
- (8) Seat Bolster/Lumbar Switch-Front Passenger
- (9) Seat Adjuster Switch-Front Passenger

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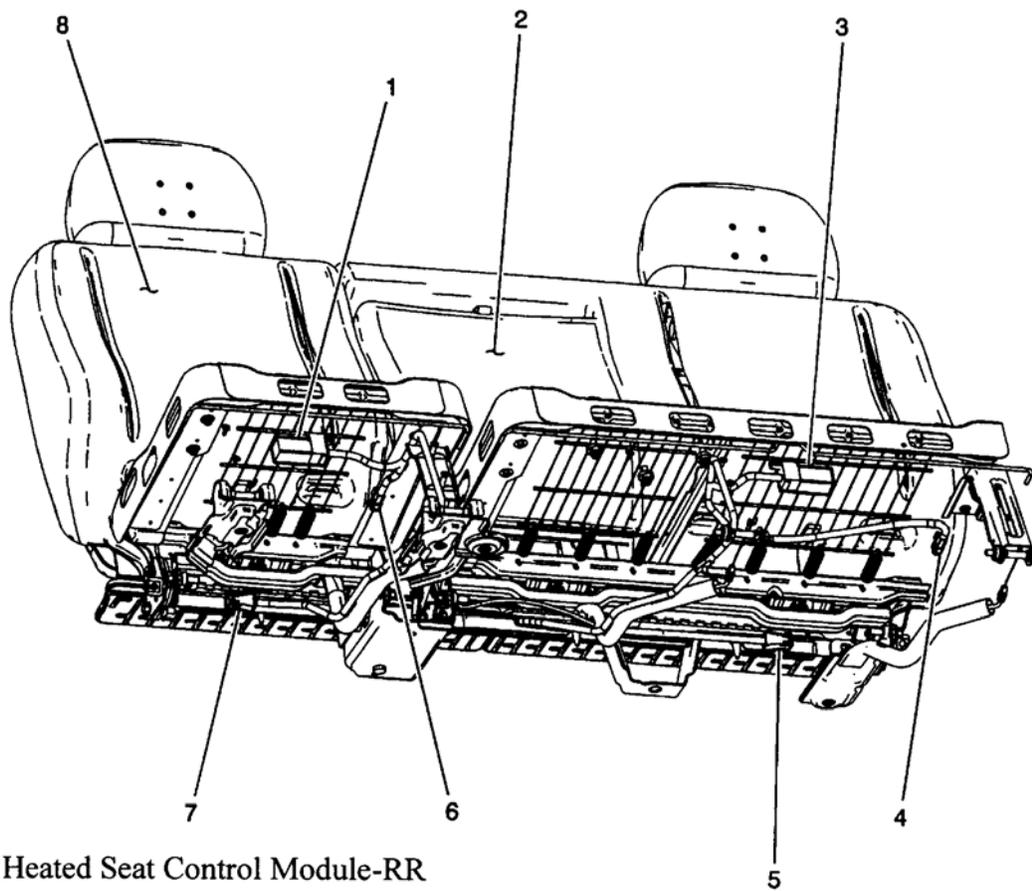
Fig. 85: Under Passenger Seat
Courtesy of GENERAL MOTORS CORP.



- (1) Seat Bolster Motor-Passenger
- (2) Seat Lumbar Motor-Passenger
- (3) Heated Seat Element-Passenger Cushion Connector (w/KA7)
- (4) C378

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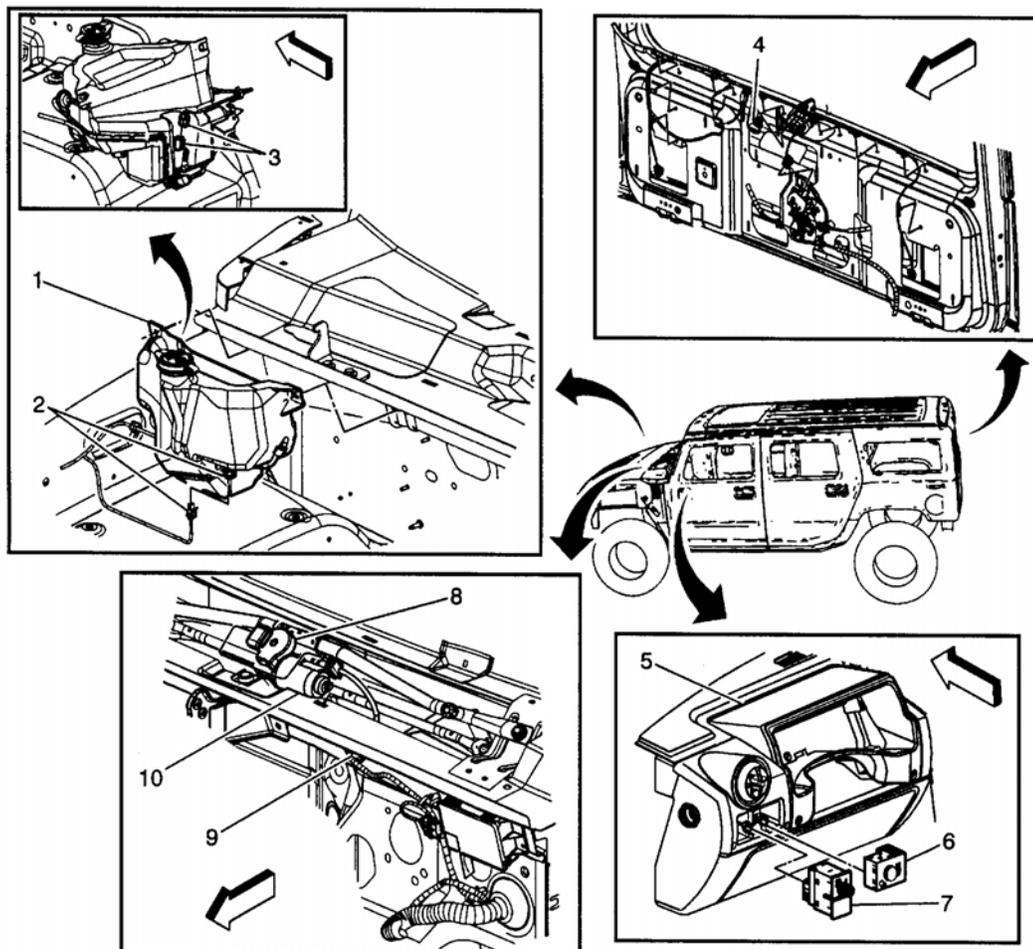
Fig. 86: Passenger Seat
Courtesy of GENERAL MOTORS CORP.



- (1) Heated Seat Control Module-RR
- (2) 2nd Row Seat-LR
- (3) Heated Seat Control Module-LR
- (4) Heated Seat Element Connector-LR
- (5) C320
- (6) Heated Seat Element Connector-RR
- (7) C380
- (8) 2nd Row Seat-RR

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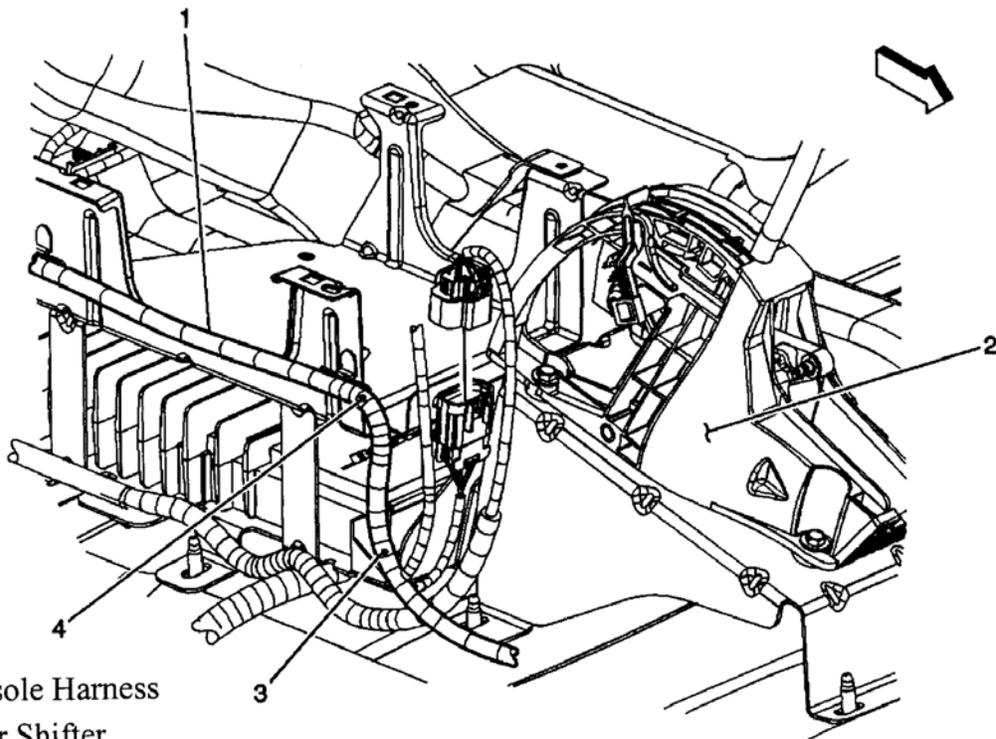
Fig. 87: 2nd Row Seats
Courtesy of GENERAL MOTORS CORP.



- | | |
|---|------------------------------------|
| (1) Windshield Washer Fluid Container | (8) Windshield Wiper/Washer Module |
| (2) Washer Fluid Level Sensor | (9) I/P Harness |
| (3) Windshield Washer Fluid Pump - Reversible | (10) Windshield Wiper Motor |
| (4) Rear Window Wiper Motor | |
| (5) I/P Cluster | |
| (6) Headlamp and Panel Dimmer Switch | |
| (7) Rear Wiper/Washer Switch | |

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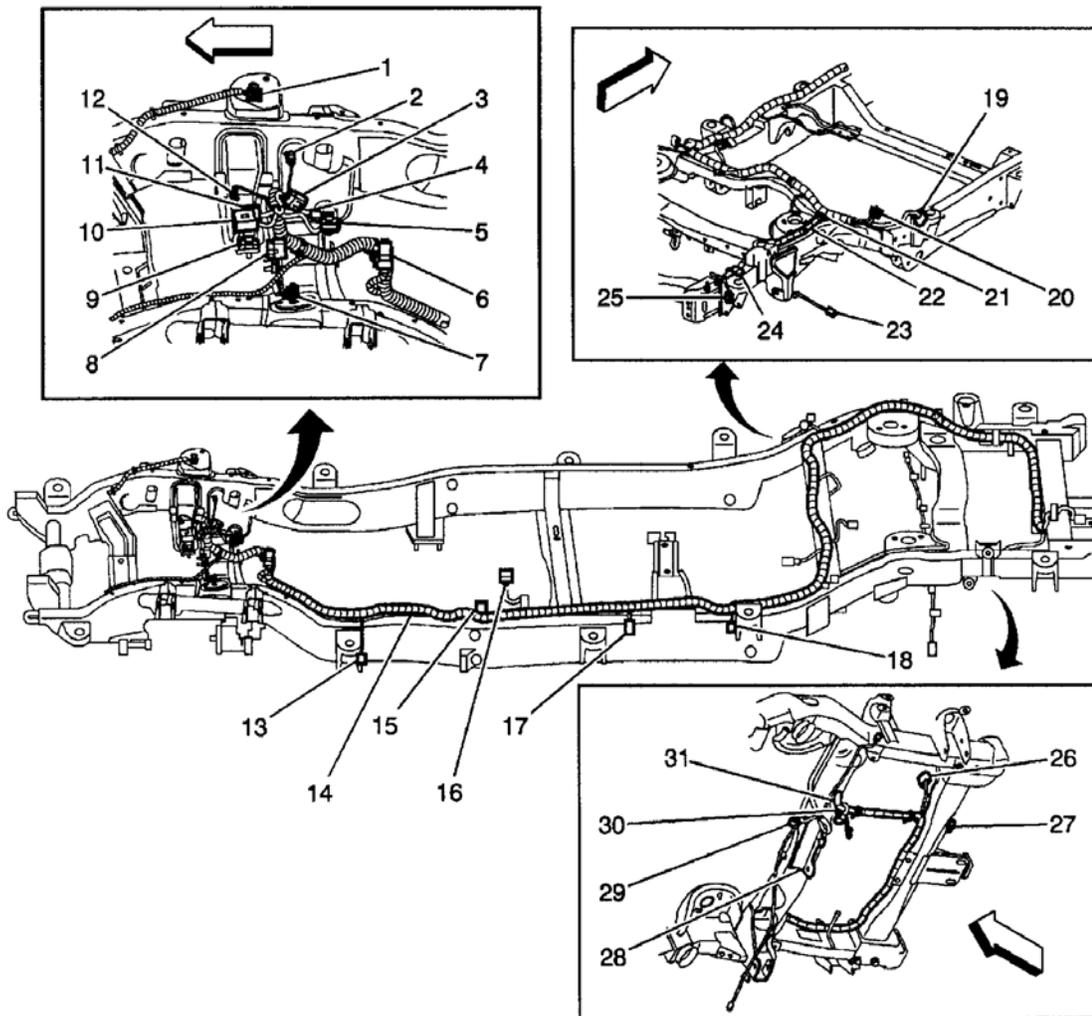
Fig. 88: Wiper/Washer System Components
Courtesy of GENERAL MOTORS CORP.



- (1) Console Harness
- (2) Floor Shifter
- (3) S350
- (4) S351

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Fig. 89: Front Floor Console
Courtesy of GENERAL MOTORS CORP.



- (1) Wheel Speed Sensor (WSS)-RF Connector
- (2) Brake Fluid Level Switch Connector
- (3) C104
- (4) C105
- (5) C102
- (6) Electronically Controlled Air Suspension Relay (ZM6)
- (7) Wheel Speed Sensor (WSS)-LF Connector
- (8) C101
- (9) C106
- (10) Fuse Block-Underhood C3

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Fig. 90: Chassis (1 Of 2)

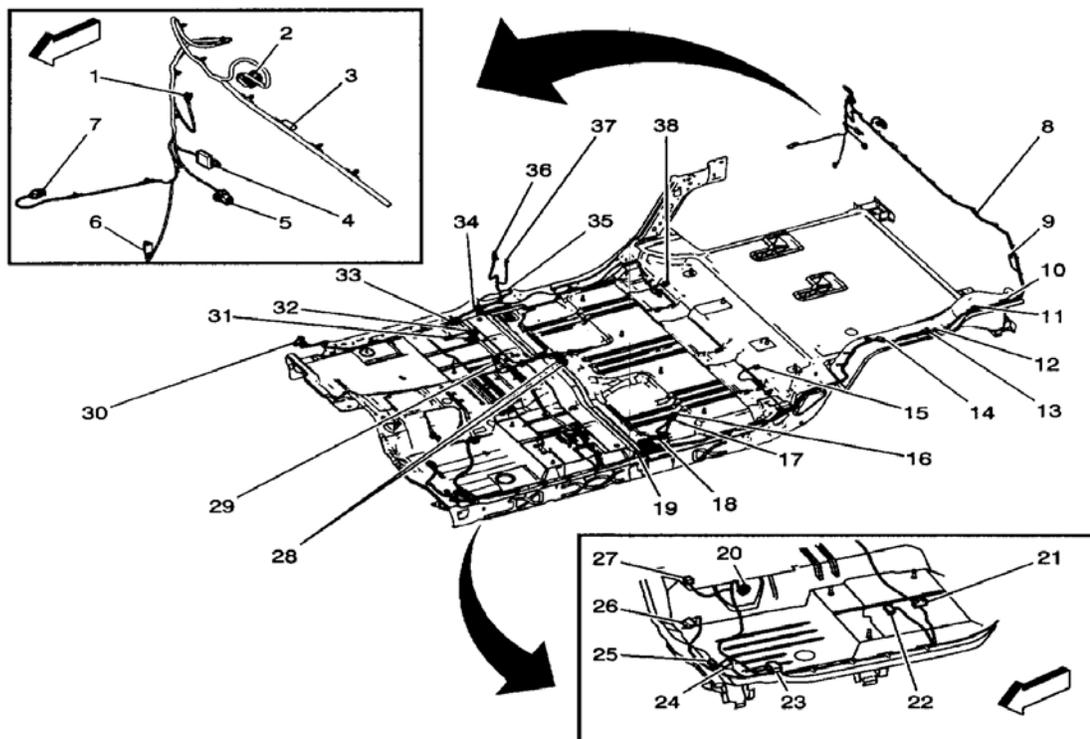
Courtesy of GENERAL MOTORS CORP.

- (11) Fuse Block-Underhood C9
- (12) Stud 1
- (13) G300
- (14) S304
- (15) Electronic Brake Control Module (EBCM) Connector
- (16) Transfer Case Connector
- (17) Evaporative Emission (EVAP) Canister Vent Solenoid Connector
- (18) G310
- (19) G308
- (20) Air Suspension Sensor-RR Connector (ZM6)
- (21) S391
- (22) S392
- (23) Wheel Speed Sensor (WSS)-RR Connector
- (24) Air Suspension Inflator Switch Connector (ZM6)
- (25) G405
- (26) Junction Block-Rear C1
- (27) Trailer Connector
- (28) G402
- (29) Rear Differential Lock Actuator Connector
- (30) C450 (ZM6)
- (31) C451 (ZM6)

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Fig. 91: Chassis (2 Of 2)

Courtesy of GENERAL MOTORS CORP.



- (1) Speaker Right D Pillar Tweeter Connector
- (2) C420
- (3) S480
- (4) Splce Pack SP410
- (5) Door Lock Switch Rear Cargo Connector
- (6) Accessory Power Outlet-Rear Connector
- (7) Marker Lamp-RR Connector
- (8) Clearance Lamp-RR Connector
- (9) Speaker-Left D Pillar Tweeter Connector
- (10) S411
- (11) Marker Lamp-LR Connector
- (12) S412
- (13) C312 (C69)
- (14) S307 (C69)
- (15) C320 (ZM6)
- (16) G302

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Fig. 92: Vehicle Floor (1 Of 2)

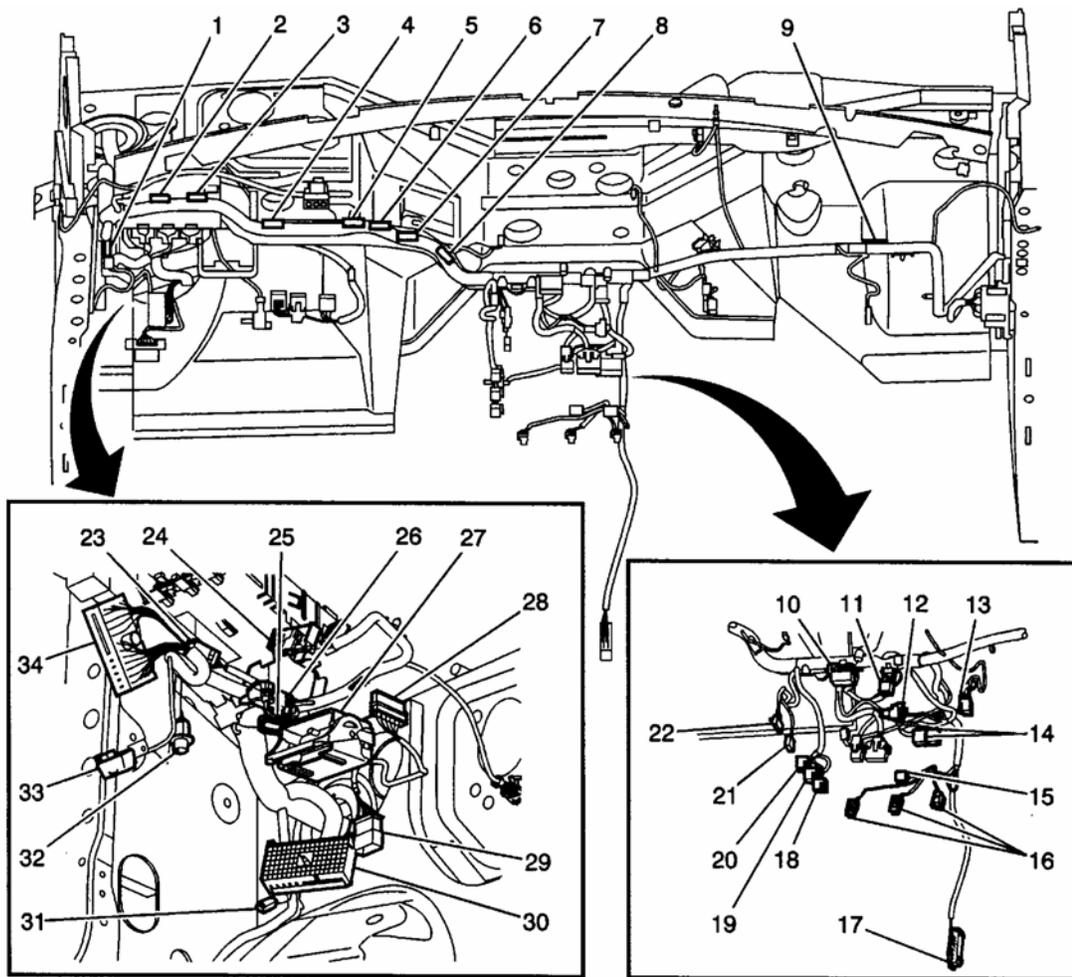
Courtesy of GENERAL MOTORS CORP.

- (17) C310
- (18) Courtesy Lamp Right B Pillar Connector
- (19) S390
- (20) Fuse Block-I/P C4
- (21) C325 (ZM6)
- (22) Inflatable Restraint Sensing and Diagnostic Module Connector
- (23) Splice Pack SP207
- (24) C200
- (25) C201
- (26) Relay Block-I/P C10
- (27) Body Control Module (BCM)-C6
- (28) Audio Amplifier Connectors
- (29) C355
- (30) C298
- (31) G304
- (32) C375
- (33) Liftgate Door Lock Relay
- (34) S310
- (35) Courtesy Lamp Left B Pillar Connector
- (36) C390
- (37) G306
- (38) C380

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Fig. 93: Vehicle Floor (2 Of 2)

Courtesy of GENERAL MOTORS CORP.



- (1) Splice S217
- (2) Splice S210
- (3) Splice S211
- (4) Splice S212
- (5) Splice S213
- (6) Splice S214
- (7) Splice S216
- (8) Splice S215
- (9) Splice S290

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Fig. 94: Dash (1 Of 2)

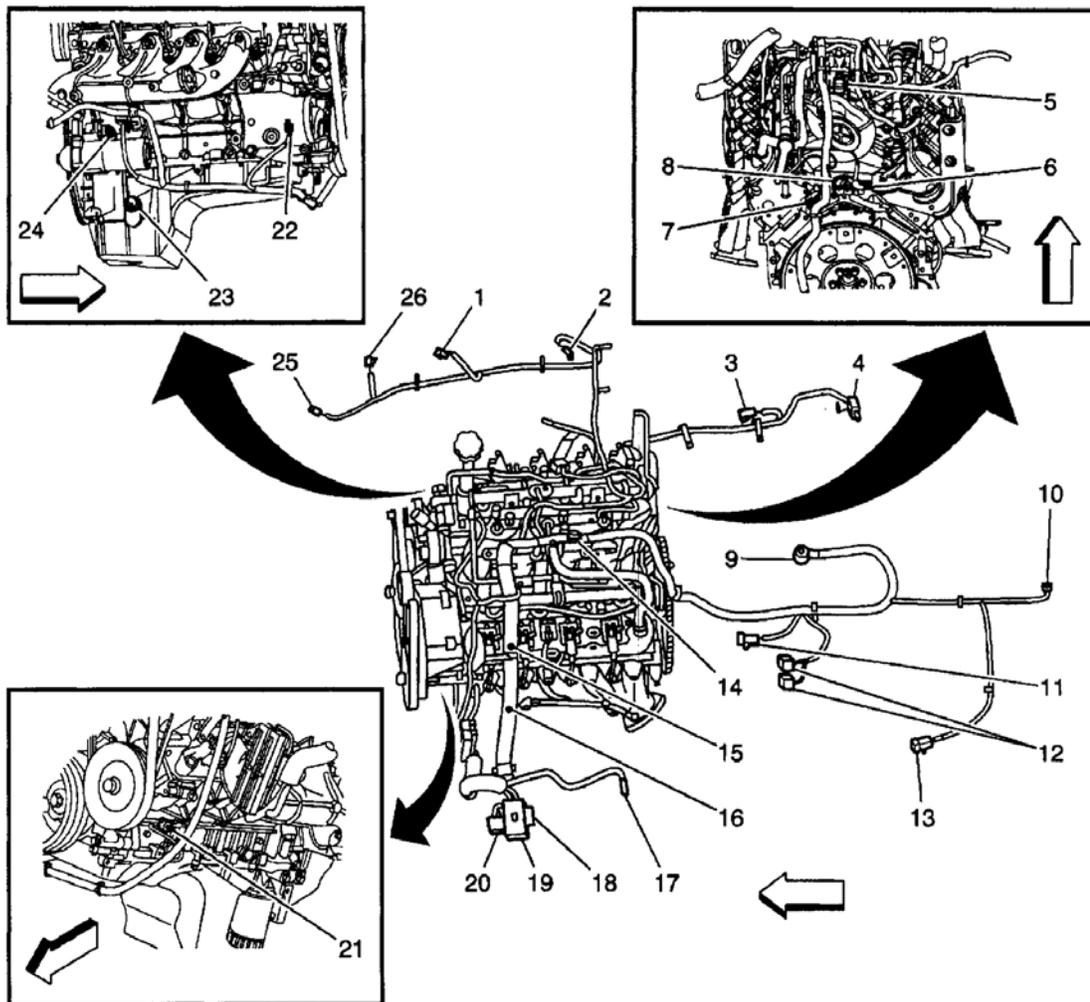
Courtesy of GENERAL MOTORS CORP.

- (10) Radio C1 Connector
- (11) Radio C2 Connector
- (12) Longitudinal Accelerometer Connector
- (13) Inflatable Restraint I/P Module Disable Switch Connector
- (14) Vehicle Communication Interface Module (VCIM) Connectors
- (15) OnStar ® Button Assembly Connector
- (16) Accessory Power Outlet/Cigar Lighter Connectors
- (17) C298 I/P to Body Harness
- (18) Ride Height Switch Connector
- (19) Tow/Haul Switch Connector
- (20) Traction Control Switch Connector
- (21) Transfer Case Shift Control Switch C2 Connector
- (22) Transfer Case Shift Control Switch C1 Connector
- (23) Splice Pack SP205
- (24) Transfer Case Shift Control Module Connectors
- (25) C203 I/P to Steering Column Harness
- (26) Splice Pack SP206
- (27) C202 I/P to Steering Column Harness
- (28) Stop Lamp Switch Connector
- (29) C210 I/P to Headliner Harness
- (30) Relay Block I/P C1
- (31) Park Brake Switch Connector
- (32) Footwell Courtesy Lamp - Left
- (33) Data Link Connector (DLC)
- (34) Fuse Block - I/P C1

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Fig. 95: Dash (2 Of 2)

Courtesy of GENERAL MOTORS CORP.



- (1) Intake Air Temperature (IAT)/Mass Air Flow (MAF) Sensor Connector
- (2) A/C Low Pressure Switch Connector
- (3) Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1 Connector
- (4) Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 Connector
- (5) Manifold Absolute Pressure (MAP) Sensor Connector
- (6) G103
- (7) G104
- (8) Camshaft Position (CMP) Sensor Connector
- (9) C175
- (10) Vehicle Speed Sensor (VSS) Connector

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Fig. 96: Engine (1 Of 2)

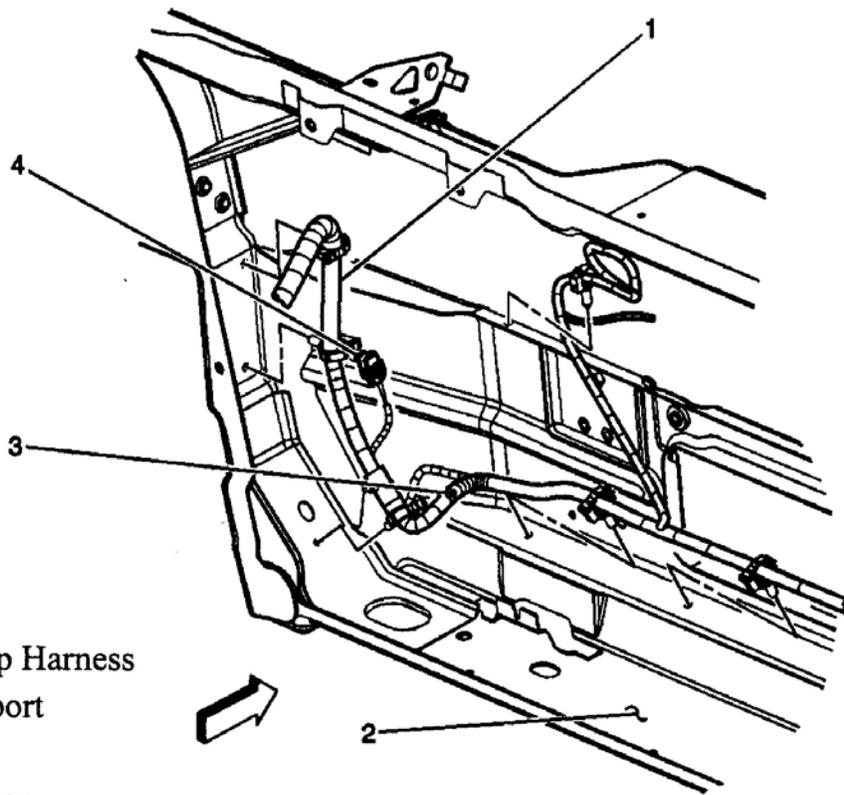
Courtesy of GENERAL MOTORS CORP.

- (10) Vehicle Speed Sensor (VSS) Connector
- (11) Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1 Connector
- (12) Park/Neutral Position (PNP) Switch Connector
- (13) Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2 Connector
- (14) S102
- (15) S103
- (16) S104
- (17) Throttle Actuator Control (TAC) Assembly Connector
- (18) C100
- (19) Fuse Block-Underhood C2
- (20) C106
- (21) G102
- (22) A/C Compressor Clutch Connector
- (23) Engine Oil Level Switch Connector
- (24) Crankshaft Position (CKP) Sensor Connector
- (25) A/C Refrigerant Pressure Sensor Connector
- (26) Coolant Level Switch Connector

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Fig. 97: Engine (2 Of 2)

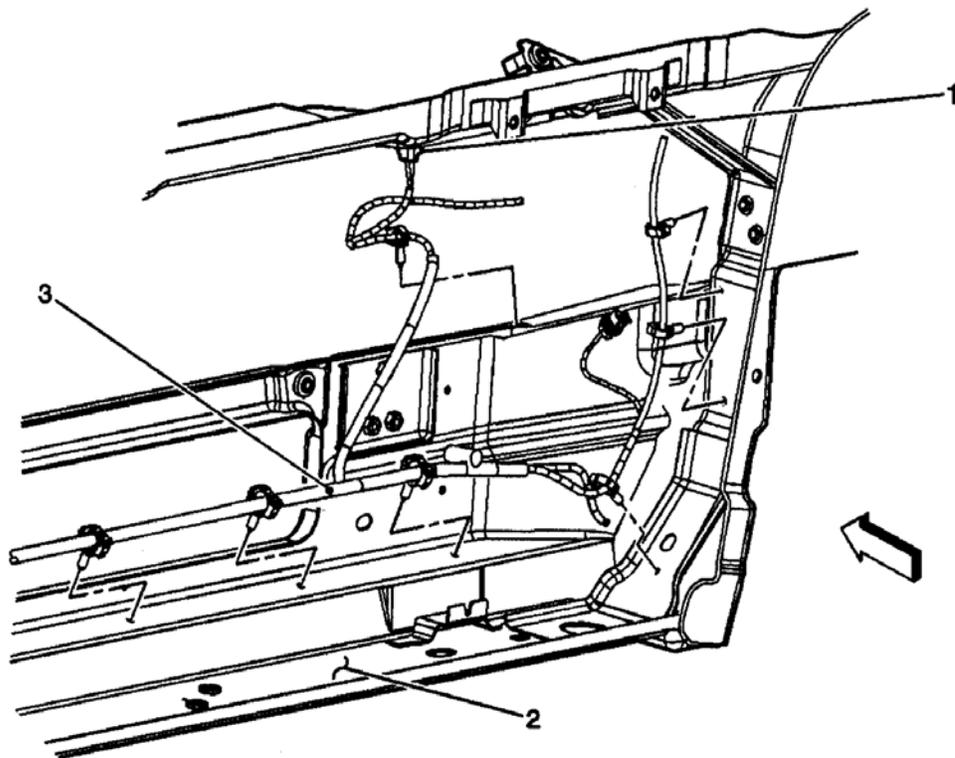
Courtesy of GENERAL MOTORS CORP.



- (1) Forward Lamp Harness
- (2) Radiator Support
- (3) S100
- (4) Horn Connector

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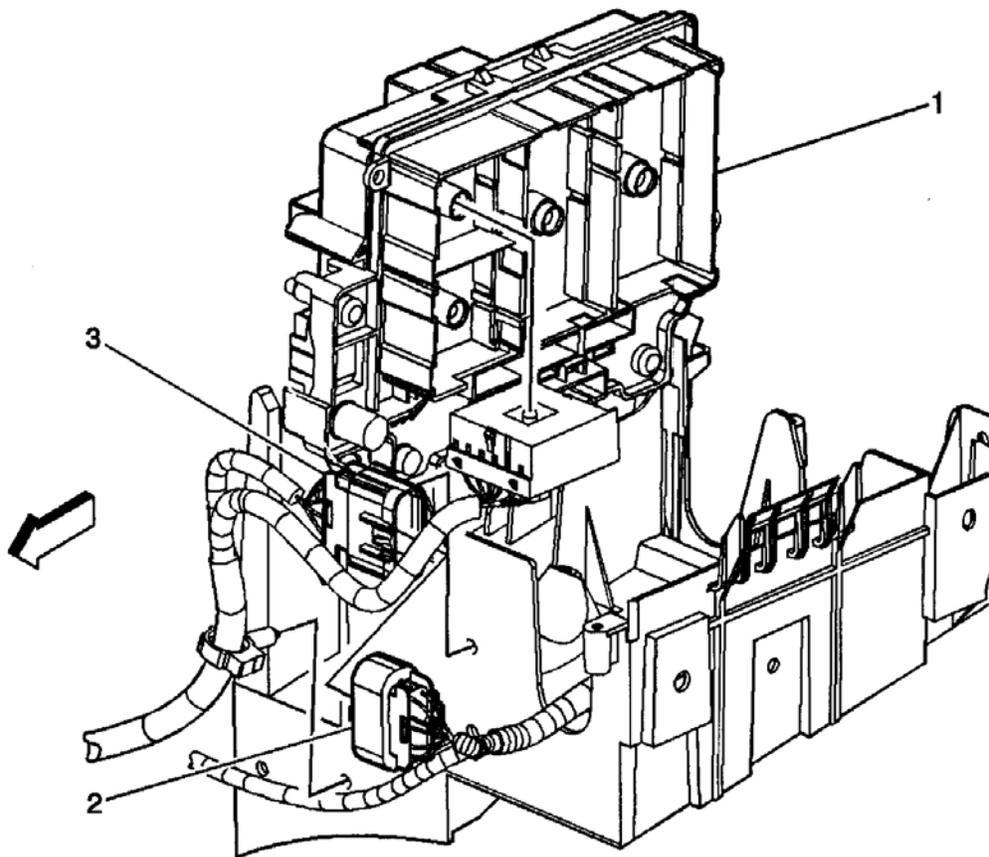
Fig. 98: Left Front Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.



- (1) Ambient Temperature Sensor-Mirror
- (2) Radiator Support
- (3) S101

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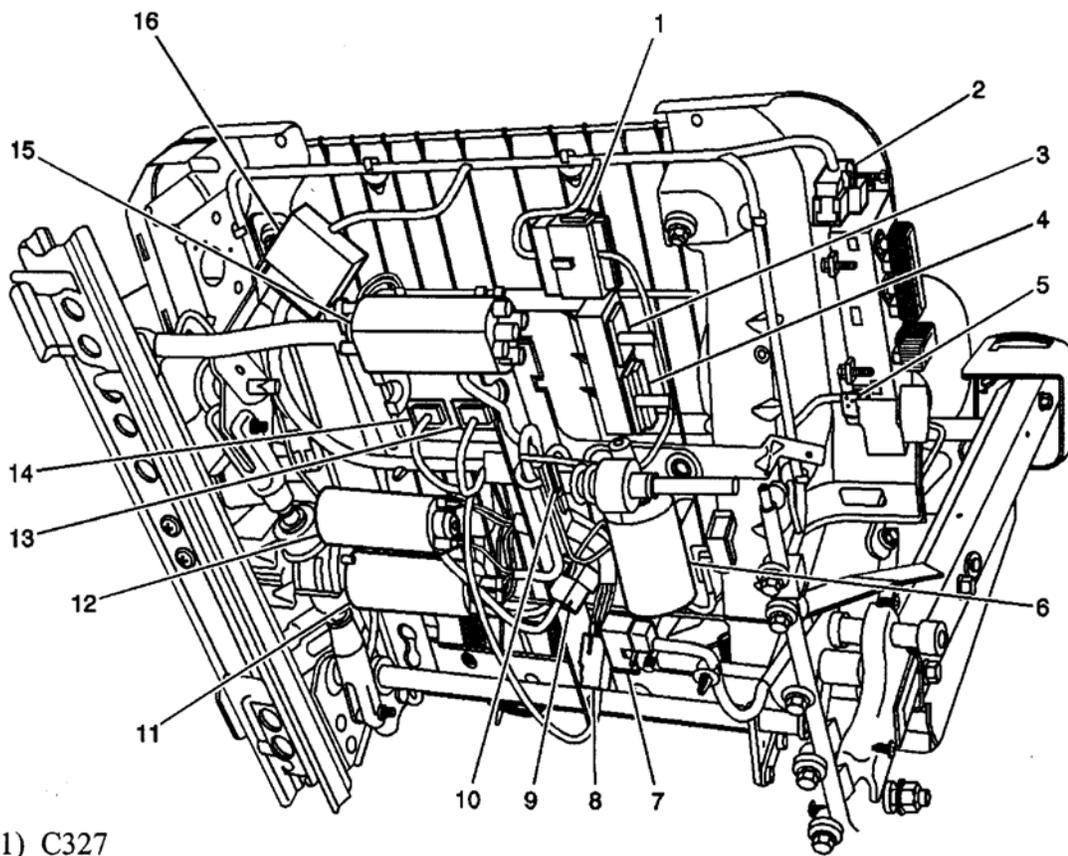
Fig. 99: Right Front Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.



- (1) Fuse Block-Underhood Center Block
- (2) C103-I/P Harness Side
- (3) C103-Forward Lamp Harness Side

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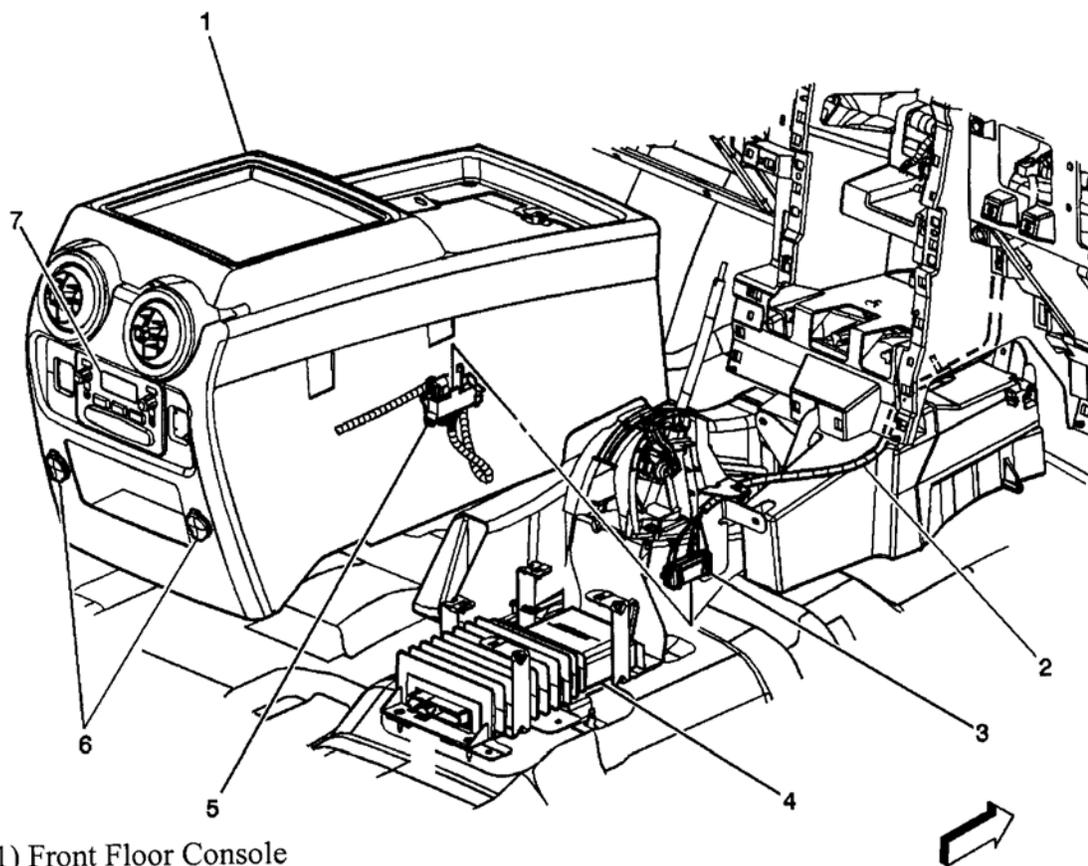
Fig. 100: Left Side Of Engine Compartment
Courtesy of GENERAL MOTORS CORP.



- (1) C327
- (2) Seat Adjuster Switch-Driver
- (3) Memory Seat Module-C4
- (4) Memory Seat Module-C3
- (5) Seat Bolster/Lumbar Switch-Driver
- (6) Seat Recline Motor-Driver
- (7) C325
- (8) C329
- (9) C330

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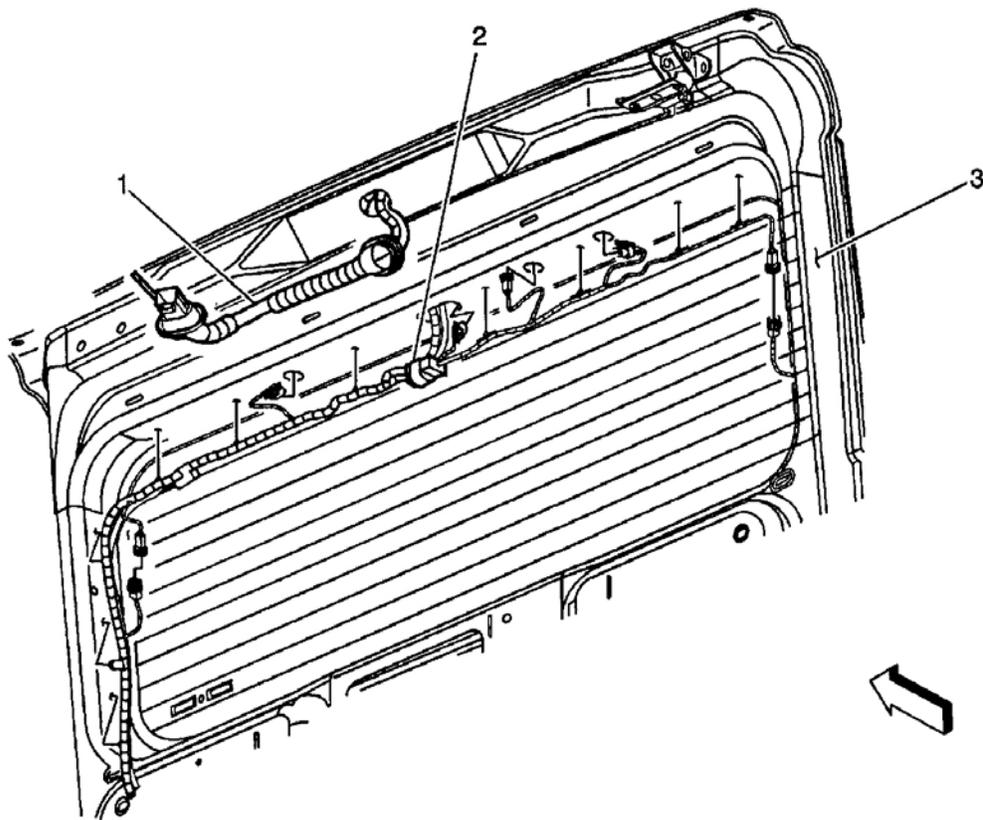
Fig. 101: Under Driver Seat
 Courtesy of GENERAL MOTORS CORP.



- (1) Front Floor Console
- (2) I/P Harness
- (3) C350-I/P Harness Side
- (4) Audio Amplifier
- (5) C350-Console Harness Side
- (6) Accessory Power Outlets-Rear
- (7) Rear Seat Audio (RSA)

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Fig. 102: Front Floor Console
Courtesy of GENERAL MOTORS CORP.



- (1) Liftgate Jumper Harness
- (2) C900
- (3) Liftgate

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Fig. 103: Top Of Liftgate
Courtesy of GENERAL MOTORS CORP.

2004 ACCESSORIES & EQUIPMENT

Wiring Systems (Component List) - Hummer H2

COMPONENT LIST

MASTER ELECTRICAL COMPONENT LIST

Master Electrical Component List

Name	Location	Locator View	Connector End View
1-2 Shift Solenoid (1-2 SS) Valve (4L60-E)	In the automatic transmission	<u>Component Location</u> in Automatic Transmission - 4L60-E	<u>Automatic Transmission Internal Connector End Views</u> in Automatic Transmission - 4L60-E
2-3 Shift Solenoid (2-3 SS) Valve (4L60-E)	In the automatic transmission	<u>Component Location</u> in Automatic Transmission - 4L60-E	<u>Automatic Transmission Internal Connector End Views</u> in Automatic Transmission - 4L60-E
3-2 Shift Solenoid (3-2 SS) Valve (4L60-E)	In the automatic transmission	<u>Component Location</u> in Automatic Transmission - 4L60-E	<u>Automatic Transmission Internal Connector End Views</u> in Automatic Transmission - 4L60-E
A/C Compressor Clutch	RT front lower engine area	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
A/C Refrigerant Pressure Sensor	RT front lower engine compartment on high pressure line near compressor	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
A/C Low Pressure Switch	On the right side of the A/C accumulator at rear of engine compartment	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
A/C Compressor Clutch Relay	In the fuse block - underhood	<u>Electrical Center Identification Views</u>	-
A/T Shift Lock Control Solenoid	Part of the floor shift assembly under front floor console	<u>Automatic Transmission Shift Lock Control Component Views</u> in Shift Lock Control	<u>Automatic Transmission Shift Lock Control Connector End Views</u> in Shift Lock Control
Accelerator Pedal Position (APP) Sensor	Above the accelerator pedal assembly	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls -

			6.0L
Air Suspension Compressor	Center rear of vehicle, in back of trailer hitch, to the left side of the compressor	<u>Suspension Controls Component Views</u> in Air Suspension	<u>Suspension Controls Connector End Views</u> in Air Suspension
Air Suspension Compressor Relay	At the left side of the engine compartment near the lower left wheel well below the master cylinder	<u>Suspension Controls Component Views</u> in Air Suspension	<u>Suspension Controls Connector End Views</u> in Air Suspension
Air Suspension Exhaust Valve	Attached to the right side of the compressor head	<u>Suspension Controls Component Views</u> in Air Suspension	<u>Suspension Controls Connector End Views</u> in Air Suspension
Air Suspension Inflator Switch	In the right rear of cargo area near the D-pillar	<u>Suspension Controls Component Views</u> in Air Suspension	<u>Suspension Controls Connector End Views</u> in Air Suspension
Air Suspension Inlet Valve - LR	Near the right front of the compressor to the left of the inlet valve - RR	<u>Suspension Controls Component Views</u> in Air Suspension	<u>Suspension Controls Connector End Views</u> in Air Suspension
Air Suspension Inlet Valve - RR	Near the right front of the compressor to the right of the inlet valve - LR	<u>Suspension Controls Component Views</u> in Air Suspension	<u>Suspension Controls Connector End Views</u> in Air Suspension
Air Suspension Module	Center rear of vehicle, in back of trailer hitch, to the left side of the compressor	<u>Suspension Controls Component Views</u> in Air Suspension	<u>Suspension Controls Connector End Views</u> in Air Suspension
Air Suspension Pressure Sensor - LT/RT	Center rear of vehicle, in back of trailer hitch, to the left side of the compressor	<u>Suspension Controls Component Views</u> in Air Suspension	<u>Suspension Controls Connector End Views</u> in Air Suspension
Air Suspension Ride Height Switch	Center of I/P to the left of HVAC control head	<u>Suspension Controls Component Views</u> in Air Suspension	<u>Suspension Controls Connector End Views</u> in Air Suspension
Air Suspension Sensor - LR	At the left rear frame rail attached to the top of the frame	<u>Suspension Controls Component Views</u> in Air Suspension	<u>Suspension Controls Connector End Views</u> in Air Suspension
Air Suspension Sensor - RR	At the right rear frame rail attached to the top of the frame	<u>Suspension Controls Component Views</u> in Air Suspension	<u>Suspension Controls Connector End Views</u> in Air Suspension
Air Temperature Actuator - Left	Attached to the lower middle underside of the HVAC assembly below the evaporator and blower module	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
Air Temperature Actuator - Right	At the middle top of the HVAC assembly behind the Inflatable Restraint I/P Module Disable Switch	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
	At the middle left side of	<u>HVAC Component</u>	<u>HVAC Connector End</u>

Air Temperature Sensor Assembly - Inside	the headliner above the drivers seat	<u>Views</u> in HVAC Systems - Automatic	<u>Views</u> in HVAC Systems - Automatic
Air Temperature Sensor - Lower Left	Near the middle left side of the I/P under the left round discharge duct	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
Air Temperature Sensor - Lower Right	Near the middle right side of the I/P in front of the rectangular discharge duct	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
Air Temperature Sensor - Upper Left	At the left side of the I/P dash panel	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
Air Temperature Sensor - Upper Right	At the right side of the I/P dash panel	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
Ambient Air Temperature Sensor - HVAC	At the right front of the vehicle in front of the mirror ambient temperature sensor to the right of the radiator support	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
Ambient Air Temperature Sensor - Mirror	At the right front of the vehicle behind the HVAC ambient temperature sensor to the right of the radiator support	<u>Stationary Windows Component Views</u> in Stationary Windows	<u>Stationary Windows Connector End Views</u> in Stationary Windows
Ambient Light/Sunload Sensor Assembly	Top center of the I/P in the defroster deflector panel	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
Antenna - Cellular/GPS	On the roof at the left front side	<u>Cellular Communication Component Views</u> in Cellular Communication	-
Antenna - Radio	On the right front side of vehicle	<u>Entertainment Component Views</u> in Entertainment	-
Audio Amplifier	Under the front floor console between the front seats	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
Automatic Transmission Fluid Pressure (TFP) Manual Valve Position Switch	In the automatic transmission	<u>Automatic Transmission Electronic Component Views</u> in Automatic Transmission - 4L60-E	<u>Automatic Transmission Internal Connector End Views</u> in Automatic Transmission - 4L60-E
Automatic Transmission	In the automatic	<u>Automatic Transmission</u>	<u>Automatic Transmission Internal</u>

Fluid Temperature (TFT) Sensor	transmission	<u>Electronic Component Views</u> in Automatic Transmission - 4L60-E	<u>Connector End Views</u> in Automatic Transmission - 4L60-E
Auxiliary Power Outlet - Front 1	Near the center area of the I/P below the vehicle communication interface module (VCIM)	<u>Power and Grounding Component Views</u>	<u>Power and Grounding Connector End Views</u>
Auxiliary Power Outlet - Front 2	Near the center area of the I/P below the vehicle communication interface module (VCIM)	<u>Power and Grounding Component Views</u>	<u>Power and Grounding Connector End Views</u>
Auxiliary Power Outlet - Rear	In the right rear of the cargo area near the right D-pillar	<u>Power and Grounding Component Views</u>	<u>Power and Grounding Connector End Views</u>
Auxiliary Power Outlet - Console	In the rear of the front floor console	<u>Power and Grounding Component Views</u>	<u>Power and Grounding Connector End Views</u>
Backup Lamp - Left	Upper lamp in left tail lamp assembly	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Backup Lamp - Right	Upper lamp in right tail lamp assembly	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Battery	On the left front side of the engine compartment	<u>Engine Electrical Component Views</u> in Engine Electrical	<u>Engine Electrical Connector End Views</u> in Engine Electrical
Blower Motor	At the right lower I/P on the HVAC assembly	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
Blower Motor Control Processor	At the bottom right side of the HVAC assembly	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
Body Control Module (BCM)	On the top left side of the I/P above the fuse block - I/P	<u>Body Control System Component Views</u> in Body Control System	<u>Body Control System Connector End Views</u> in Body Control System
Brake Fluid Level Switch	On the left side of the brake fluid reservoir in the left rear of the engine compartment	<u>Hydraulic Brakes Component Views</u> in Hydraulic Brakes	<u>Hydraulic Brakes Connector End Views</u> in Hydraulic Brakes
Camshaft Position (CMP) Sensor	At the top center rear of the engine near G104 and the engine oil pressure (EOP) sensor	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Cellular Telephone Microphone	In the left front headliner above the driver	<u>Cellular Communication Component Views</u> in Cellular	<u>Cellular Communication Connector End Views</u> in Cellular

		Communication	Communication
Center High Mounted Rear Stop Lamp (CHMSL)	On the center top rear of the cab	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Cigar Lighter	At the center of the I/P near the accessory outlets	<u>Power and Grounding Component Views</u>	<u>Power and Grounding Connector End Views</u>
Clearance Lamps - LF	At the top left front of the outer roof	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Clearance Lamps - LR	At the top left rear of the outer roof	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Clearance Lamps - RF	At the top right front of the outer roof	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Clearance Lamps - RR	At the top right rear of the outer roof	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Coolant Level Switch, If Equipped	Right front of the engine compartment on the bottom of the coolant reservoir	<u>Cooling System Component Views</u> in Engine Cooling	<u>Cooling System Connector End Views</u> in Engine Cooling
Courtesy Lamp - Left B-Pillar	At the base of the left B-pillar trim panel	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Courtesy Lamp - Right B-Pillar	At the base of the right B-pillar trim panel	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Courtesy Lamp - Left Footwell, If Equipped	Under lower left side of I/P	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Courtesy Lamp - Right Footwell, If Equipped	Under lower right side of I/P	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Courtesy Lamp - Left Front Door	At the left front side door trim panel	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Courtesy Lamp - Right Front Door	At the right front side door trim panel	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Courtesy Lamp - LR Door	Below the arm rest attached to the trim panel	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Courtesy Lamp - RR Door	Below the arm rest attached to the trim panel	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems

Courtesy/Reading Lamp - Center	In the middle of the headliner	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Courtesy/Reading Lamp - Left Front	In the left front of the overhead console	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Courtesy/Reading Lamp - Rear	In the rear of the headliner	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Courtesy/Reading Lamp - Right Front	At the right front of the overhead console	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Crankshaft Position (CKP) Sensor	At the lower right rear side of the engine block behind the starter solenoid	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Cruise Control On/Off Switch	Part of the multifunction turn signal lever	<u>Steering Wheel and Column Component Views</u> in Steering Wheel and Column	<u>Steering Wheel and Column Connector End Views</u> in Steering Wheel and Column
Data Link Connector (DLC)	On the left lower dash below the steering column	<u>Data Link Communications Component Views</u> in Data Link Communications	<u>Data Link Communications Connector End Views</u> in Data Link Communications
Daytime Running Lamp (DRL) - Left	Below the left headlamp assembly	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Daytime Running Lamp (DRL) - Right	Below the right headlamp assembly	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Door Latch Assembly - Driver	In the center rear of the driver door	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Door Latch Assembly - Passenger	In the center rear of the passenger door	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Door Latch Assembly - LR	In the center rear of the LR passenger door	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Door Latch Assembly - RR	In the center rear of the RR passenger door	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Door Lock Switch - Driver	On the left door trim panel armrest	<u>Power Door Systems Component Views</u> in	<u>Power Door Systems Connector End Views</u>

		Doors	in Doors
Door Lock Switch - Passenger	On the right door trim panel armrest	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Door Lock Switch - Rear	At the right rear of cargo area near the D-pillar	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Door Window Motor - Driver	In the left front driver door	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Door Window Motor - Front Passenger	In the right front passenger door	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Driver Door Module (DDM)	In the driver door panel, part of the switch assembly	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Electronic Brake Control Module (EBCM)	On the left side of the inner frame rail, under drivers seat floor board	<u>ABS Component Views</u> in Anti-lock Brake System	<u>ABS Connector End Views</u> in Anti-lock Brake System
Electronically Controlled Air Suspension Relay	At the left side of the engine compartment near the lower left wheel well attached to the chassis harness	<u>Suspension Controls Component Views</u> in Air Suspension	<u>Suspension Controls Connector End Views</u> in Air Suspension
Engine Coolant Temperature (ECT) Sensor	In the left cylinder head, in front of the #1 cylinder exhaust port	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Exhaust Gas Recirculation (EGR) Valve	On the top right front of the engine assembly	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Encoder Motor - Transfer Case	Attached to the transfer case	<u>Transfer Case Control Component Views</u> in Transfer Case - BW 4484	<u>Transfer Case Control Connector End Views</u> in Transfer Case - BW 4484
Engine Oil Level Switch	Lower right side of the oil pan	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Engine Oil Pressure (EOP) Sensor	At the rear of the engine on the left side of the center	<u>Instrument Panel, Gauges, and Console Component Views</u> in Instrument Panel, Gauges and Console	<u>Instrument Panel, Gauges, and Console Connector End Views</u> in Instrument Panel, Gauges and Console

Evaporative Emission (EVAP) Canister Purge Solenoid	On the top right front of the engine	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Evaporative Emission (EVAP) Canister Vent Solenoid	At the front right side of the fuel tank	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Flasher Module	On the back side of the fuse block - I/P	<u>Electrical Center Identification Views</u>	-
Front Passenger Door Module (FPDM)	In the front passenger door trim panel, part of the door switch assembly	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Fuel Injector 1	On the left side of the intake manifold near the front of the engine at the #1 cylinder port	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Fuel Injector 2	On the right side of the intake manifold near the front of the engine at the #2 cylinder port	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Fuel Injector 3	On the left side of the intake manifold near the middle of the engine at the #3 cylinder port	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Fuel Injector 4	On the right side of the intake manifold near the middle of the engine at the #4 cylinder port	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Fuel Injector 5	On the left side of the intake manifold near the middle of the engine at the #5 cylinder port	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Fuel Injector 6	On the right side of the intake manifold near the middle of the engine at the #6 cylinder port	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Fuel Injector 7	On the left side of the intake manifold near the rear of the engine at the #7 cylinder port	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Fuel Injector 8	On the right side of the intake manifold near the rear of the engine at the #8 cylinder port	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L

Fuel Pump and Sender Assembly	In the fuel tank	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Fuel Tank Pressure (FTP) Sensor	Part of the fuel pump and sender assembly in the fuel tank	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Fuse Block - I/P	On the lower left side of the I/P behind the access panel	<u>Electrical Center Identification Views</u>	<u>Electrical Center Identification Views</u>
Fuse Block - Underhood	At the left side of the engine compartment near the battery	<u>Electrical Center Identification Views</u>	<u>Electrical Center Identification Views</u>
Garage Door Opener	Mounted in the overhead console	<u>Garage Door Opener Component Views</u> in Garage Door Opener	<u>Garage Door Opener Connector End Views</u> in Garage Door Opener
Generator	Top left front of the engine	<u>Engine Electrical Component Views</u> in Engine Electrical	<u>Engine Electrical Connector End Views</u> in Engine Electrical
Global Positioning Satellite (GPS) Antenna	Attached to the left front roof of vehicle	<u>Cellular Communication Component Views</u> in Cellular Communication	<u>Cellular Communication Connector End Views</u> in Cellular Communication
Headlamp - Left	On the left front of the vehicle	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Headlamp - Right	On the right front of the vehicle	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Headlamp and Panel Dimmer Switch	On the left side of the I/P	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1	In the left exhaust pipe after the catalytic converter	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2	In the left exhaust pipe after the catalytic converter	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1	In the right exhaust pipe before the catalytic converter	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L

Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2	In the right exhaust pipe after the catalytic converter	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Heated Seat Control Module - LR	Under the left rear seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Heated Seat Control Module - RR	Under the right rear seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Heated Seat Element - Driver Back	In the driver back cushion	<u>Power Seat Systems Component Views</u> in Seats	-
Heated Seat Element - Driver Cushion	In the driver seat cushion	<u>Power Seat Systems Component Views</u> in Seats	-
Heated Seat Element - Passenger Back	In the passenger back cushion	<u>Power Seat Systems Component Views</u> in Seats	-
Heated Seat Element - LR	In the left rear seat cushion	<u>Power Seat Systems Component Views</u> in Seats	-
Heated Seat Element - RR	In the right rear seat cushion	<u>Power Seat Systems Component Views</u> in Seats	-
Heated Seat Switch - Front Passenger	On the right front door trim panel	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Heated Seat Switch - LR	On the rear of the center floor console	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Heated Seat Switch - RR	On the rear of the center floor console	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Horn Left High Note	On the left lower corner of the radiator core support	<u>Horns Component Views</u> in Horns	<u>Horns Connector End Views</u> in Horns
Horn - Right Low Note	On the right lower corner on the radiator core support	<u>Horns Component Views</u> in Horns	<u>Horns Connector End Views</u> in Horns
Horn Switch	Inside the steering wheel assembly	<u>Steering Wheel and Column Component Views</u> in Steering Wheel and Column	-
HVAC Control Module	In the center of the I/P	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic

I/P Compartment Lamp	Inside I/P compartment box, on the lower right side of the I/P	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Ignition Coil 1/Module	On the left rocker cover near the front of the engine	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Ignition Coil 2/Module	On the right rocker cover near the front of the engine	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Ignition Coil 3/Module	On the left rocker cover near the middle of the engine	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Ignition Coil 4/Module	On the right rocker cover near the middle of the engine	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Ignition Coil 5/Module	On the left rocker cover near the middle of the engine	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Ignition Coil 6/Module	On the right rocker cover near the front of the engine	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Ignition Coil 7/Module	On the left rocker cover near the rear of the engine	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Ignition Coil 8/Module	On the right rocker cover near the rear of the engine	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Ignition Key Alarm Switch	In the ignition key cylinder on the upper right side of steering column	<u>Steering Wheel and Column Component Views</u> in Steering Wheel and Column	-
Ignition Lock Cylinder Control Actuator	In the ignition key cylinder on the upper right side of steering column	<u>Steering Wheel and Column Component Views</u> in Steering Wheel and Column	<u>Steering Wheel and Column Connector End Views</u> in Steering Wheel and Column
Ignition Switch	Upper bottom center of steering column under	<u>Steering Wheel and Column Component</u>	<u>Steering Wheel and Column Connector</u>

	lower cover	<u>Views</u> in Steering Wheel and Column	<u>End Views</u> in Steering Wheel and Column
Inflatable Restraint Front End Discriminating Sensor - Left	On the left underside of the radiator core support	<u>SIR Component Views</u> in SIR	<u>SIR Connector End Views</u> in SIR
Inflatable Restraint Front End Discriminating Sensor - Right	On the right underside of the radiator core support	<u>SIR Component Views</u> in SIR	<u>SIR Connector End Views</u> in SIR
Inflatable Restraint I/P Module	On the right side of the I/P above the I/P compartment box	<u>SIR Component Views</u> in SIR	<u>SIR Connector End Views</u> in SIR
Inflatable Restraint I/P Module Disable Switch	In the I/P to the left of the compartment box	<u>SIR Component Views</u> in SIR	<u>SIR Connector End Views</u> in SIR
Inflatable Restraint Sensing/Diagnostic Module (SDM)	Under the driver seat	<u>SIR Component Views</u> in SIR	<u>SIR Connector End Views</u> in SIR
Inflatable Restraint Steering Wheel Module	In the center of the steering wheel	<u>SIR Component Views</u> in SIR	<u>SIR Connector End Views</u> in SIR
Inflatable Restraint Steering Wheel Module Coil	Under the steering wheel, part of the steering column assembly	<u>SIR Component Views</u> in SIR	<u>SIR Connector End Views</u> in SIR
Inside Rearview Mirror	Mounted to the windshield at the center of the window	<u>Stationary Windows Component Views</u> in Stationary Windows	<u>Stationary Windows Connector End Views</u> in Stationary Windows
Instrument Panel Cluster (I/PC)	On the left side of the I/P above the steering column	<u>Instrument Panel, Gauges, and Console Component Views</u> in Instrument Panel, Gauges and Console	<u>Instrument Panel, Gauges, and Console Connector End Views</u> in Instrument Panel, Gauges and Console
Intake Air Temperature (IAT)/Mass Air Flow (MAF) Sensor	Part of the air induction system between the air cleaner assembly and the throttle body	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Junction Block - Battery Cable Positive	On the lower left side of the engine	<u>Engine Electrical Component Views</u> in Engine Electrical	-
Junction Block - I/P	Behind the access panel, on the lower right side of the I/P	<u>Electrical Center Identification Views</u>	<u>Electrical Center Identification Views</u>
Junction Block - Rear	On the underside of the rear body near the center of the rear bumper	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Knock Sensor (KS) 1	In the valley under the intake manifold near the	<u>Engine Controls Component Views</u> in	<u>Engine Controls Connector End Views</u> in Engine Controls -

	front of the engine	Engine Controls - 6.0L	6.0L
Knock Sensor (KS) 2	In the valley under the intake manifold near the rear of the engine	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
License Lamp - Left	At the center of the liftgate	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
License Lamp - Right	At the center of the liftgate	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Liftgate Ajar Switch - Left	On the top left side of the liftgate	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Liftgate Ajar Switch - Right	On the top right side of the liftgate	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Liftgate Lock Actuator	In the center rear of liftgate behind trim panel	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Liftgate Lock Relay	Near the right B-pillar courtesy lamp taped to the body harness	<u>Harness Routing Views</u>	<u>Power Door Systems Connector End Views</u> in Doors
Longitudinal Accelerometer	In the center console below the radio	<u>ABS Component Views</u> in Anti-lock Brake System	<u>ABS Connector End Views</u> in Anti-lock Brake System
Manifold Absolute Pressure (MAP) Sensor	At the top rear of the engine on the intake manifold	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Marker Lamp - LF	On the right front of the vehicle	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Marker Lamp - LR	On the left rear of the vehicle	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Marker Lamp - RF	On the right front of the vehicle	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Marker Lamp - RR	On the right rear of the vehicle	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Marker Lamps - Roof	On the front center of the roof	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems

Memory/Heated Seat Switch - Driver	On the driver door panel	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Mode Actuator	On the left side of the HVAC module assembly	<u>HVAC Component Views</u> in HVAC - Automatic	<u>HVAC Connector End Views</u> in HVAC - Automatic
Noise Cancellation Microphone	Mounted inside the overhead console	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
Off-Road Lamps - Grille Guard - Upfitter Provision	Attached to the grille guard at the front of the vehicle	-	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Off-Road Lamps - Relay 1 - Upfitter Provision	Near the lower right side of the steering column, attached to the front brace of the I/P	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Off-Road Lamps - Relay 2 - Upfitter Provision	Near the lower right side of the steering column, attached to the front brace of the I/P	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Off-Road Lamps - Roof Inner - Upfitter Provision	Attached to the inner roof rack on top of the outer roof	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Off-Road Lamps - Roof Outer - Upfitter Provision	Attached to the outer roof rack on top of the outer roof	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
OnStar(R) Button Assembly (w/UE1)	Part of the vehicle communication interface module (VCIM) in the center of the dash, below the HVAC Control Module	<u>Cellular Communication Component Views</u> in Cellular Communication	<u>Cellular Communication Connector End Views</u> in Cellular Communication
Outside Rearview Power Folding Mirror Switch	Part of the mirror switch on the driver door master switch plate	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Outside Rearview Mirror - Driver	Attached to the outside left front driver door	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Outside Rearview Mirror - Passenger	Attached to the outside right front passenger door	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Outside Rearview Mirror Switch	On the left door trim panel armrest master window switch plate	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Park Brake Switch	Mounted near the top of the park brake pedal assembly	<u>Hydraulic Brakes Component Views</u> in	<u>Hydraulic Brakes Connector End Views</u>

		Hydraulic Brakes	in Hydraulic Brakes
Park/Neutral Position (PNP) Switch	On the left side of the automatic transmission	<u>Automatic Transmission Electronic Component Views</u> in Automatic Transmission - 4L60-E	<u>Automatic Transmission Related Connector End Views</u> in Automatic Transmission - 4L60-E
Park/Turn Signal Lamp - LF	On the left front of the vehicle	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Park/Stop Signal Lamp - LR	On the left rear of the vehicle	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Park/Turn Signal Lamp - RF	On the right front of the vehicle	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Park/Stop Lamp - RR	On the right rear of the vehicle	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Passlock Sensor	Part of the ignition lock cylinder housing in the steering column assembly	<u>Theft Deterrent System Component Views</u> in Theft Deterrent	<u>Theft Deterrent System Connector End Views</u> in Theft Deterrent
Powertrain Control Module (PCM)	In the left front of the engine compartment	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Powertrain Control Module (PCM) Connector End Views</u> in Engine Controls - 6.0L
PRNDL Lamps	Below gear shift select shifter in floor console	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Pressure Control (PC) Solenoid Valve	Inside the automatic transmission	<u>Automatic Transmission Electronic Component Views</u> in Automatic Transmission - 4L60-E	<u>Automatic Transmission Internal Connector End Views</u> in Automatic Transmission - 4L60-E
Radio	In the center of the I/P	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
Reading Lamps Overhead Console	Part of the overhead console	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Rear Differential Lock Actuator	On the rear axle at the top of the differential housing	<u>Rear Axle Component Views</u> in Rear Axle Controls	<u>Rear Axle Connector End Views</u> in Rear Axle Controls
Rear Seat Audio (RSA)	In the rear of the center	<u>Entertainment</u>	<u>Entertainment</u>

Controller	console	<u>Component Views</u> in Entertainment	<u>Connector End Views</u> in Entertainment
Rear Window Defogger Grid	On the rear glass	<u>Stationary Windows Component Views</u> in Stationary Windows	<u>Stationary Windows Connector End Views</u> in Stationary Windows
Rear Window Defogger Relay	In the relay block - body	<u>Electrical Center Identification Views</u>	-
Rear Window Wiper/Washer Module	In the center of the rear liftgate	<u>Wiper/Washer System Component Views</u> in Wipers/Washer Systems	<u>Wiper/Washer System Connector End Views</u> in Wipers/Washer Systems
Rear Wiper/Washer Switch	On the left side of the I/P near the headlamp switch	<u>Wiper/Washer System Component Views</u> in Wipers/Washer Systems	<u>Wiper/Washer System Connector End Views</u> in Wipers/Washer Systems
Recirculation Actuator	At the top right side of the HVAC module assembly	<u>HVAC Component Views</u> in HVAC Systems - Automatic	<u>HVAC Connector End Views</u> in HVAC Systems - Automatic
Relay Block - I/P	Under the left side of the instrument panel near the brake pedal	<u>Electrical Center Identification Views</u>	<u>Electrical Center Identification Views</u>
Remote Control Door Lock Receiver (RCDLR)	In the front passenger door module (FPDM)	<u>Power Door Systems Component Views</u> in Doors	-
Roof Lamps - Center Rear	At the top rear of the roof panel	<u>Lighting Systems Component Views</u> in Lighting System	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Roof Lamps - Front Center	At the center front of the roof panel	<u>Lighting Systems Component Views</u> in Lighting System	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Seat Adjuster Switch - Driver	On the left side of the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Adjuster Switch - Front Passenger	On the right side of the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Belt Switch	In the driver seat belt buckle	<u>Seat Belt Component Views</u> in SIR	<u>Seat Belt Connector End Views</u> in SIR
Seat Bolster/Lumbar Switch - Driver	On the left front side of the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Bolster/Lumbar Switch - Front Passenger	On the right front side of the passenger seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
		<u>Power Seat Systems</u>	<u>Power Seat Systems</u>

Seat Bolster Motor - Driver	At the back of the driver seat	<u>Component Views</u> in Seats	<u>Connector End Views</u> in Seats
Seat Bolster Motor - Front Passenger	In the back of the passenger seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Bolster Position Sensor - Driver	Inside the bolster motor at the back of the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Horizontal Motor	Under the driver/passenger seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Front Vertical Motor	Under the driver/passenger seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Rear Vertical Motor	Under the driver/passenger seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Lumbar Motor - Driver	At the back of the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Lumbar Motor - Front Passenger	At the back of the passenger seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Lumbar Position Sensor - Driver	Inside the lumbar motor at the back of the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Lumbar Switch - Driver	On the left front side of the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Memory Module	under the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Recliner Motor - Driver	Under the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Seat Recliner Motor - Passenger	Under the passenger seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Power Seat Systems Connector End Views</u> in Seats
Speaker - Front Subwoofer	Under the front floor console	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
Speaker - LF Door	On the left front door trim panel	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
		<u>Entertainment</u>	<u>Entertainment</u>

Speaker - LR Door	On the left rear door trim panel	<u>Component Views</u> in Entertainment	<u>Connector End Views</u> in Entertainment
Speaker - RF Door	On the right front door trim panel	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
Speaker - RR Door	On the right rear door trim panel	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
Speaker - Left A-Pillar Tweeter	On the left A-pillar	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
Speaker - Right A-Pillar Tweeter	On the right A-pillar	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
Speaker - Left D-Pillar Twiddler	In the left rear D-pillar trim panel	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
Speaker - Right D-Pillar Twiddler	In the right rear D-pillar trim panel	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
Steering Wheel Controls Backlight Fuse	In the steering column harness approximately 26 cm (10 in) from inline C202 near the base of the steering column	<u>Power and Grounding Component Views</u>	-
Steering Wheel Audio Controls - Left	On the left side of the steering wheel	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
Steering Wheel Audio Controls - Right	On the right side of the steering wheel	<u>Entertainment Component Views</u> in Entertainment	<u>Entertainment Connector End Views</u> in Entertainment
Stop Lamp Switch	At the top of the brake pedal assembly	<u>Lighting Systems Component Views</u> in Lighting System	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Sunroof Module (CF5)	Under the headliner near the front overhead console	<u>Power Roof Systems Component Views</u> in Roof	<u>Power Roof Systems Connector End Views</u> in Roof
Sunroof Relay (CF5)	Under the left side of I/P taped the harness in back of the I/P Fuse Center	<u>Power Roof Systems Component Views</u> in Roof	<u>Power Roof Systems Connector End Views</u> in Roof
Sunroof Switch (CF5)	In the overhead console	<u>Power Roof Systems Component Views</u> in Roof	<u>Power Roof Systems Connector End Views</u> in Roof
Tail/Stop Lamp - Left	On the left rear of the	<u>Lighting Systems Component Views</u> in	<u>Lighting Systems Connector End Views</u>

	vehicle	Lighting Systems	in Lighting Systems
Tail/Stop Lamp - Right	On the right rear of the vehicle	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Throttle Actuator Control (TAC) Assembly	Mounted to the throttle body assembly on top of the engine	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Throttle Actuator Control (TAC) Module	At the left rear of the engine compartment attached to the forward dash panel	<u>Engine Controls Component Views</u> in Engine Controls - 6.0L	<u>Engine Controls Connector End Views</u> in Engine Controls - 6.0L
Torque Converter Clutch (TCC) Solenoid Valve (4L60-E)	In the automatic transmission	<u>Automatic Transmission Electronic Component Views</u> in Automatic Transmission - 4L60-E	<u>Automatic Transmission Internal Connector End Views</u> in Automatic Transmission - 4L60-E
Torque Converter Clutch (TCC) Pulse Width Modulation (PWM) Solenoid Valve (4L60-E)	In the automatic transmission	<u>Automatic Transmission Electronic Component Views</u> in Automatic Transmission - 4L60-E	<u>Automatic Transmission Internal Connector End Views</u> in Automatic Transmission - 4L60-E
Tow/Haul Switch	At the left center of the I/P to the left of the HVAC control head	<u>ABS Component Views</u> in Anti-lock Brake System	<u>Automatic Transmission Related Connector End Views</u> in Automatic Transmissions - 4L60-E
Traction Control Switch	On the left side of the I/P	<u>ABS Component Views</u> in Anti-lock Brake System	<u>ABS Connector End Views</u> in Anti-lock Brake System
Trailer Receptacle	At the rear of the vehicle below the rear bumper	<u>Power and Grounding Component Views</u>	<u>Power and Grounding Connector End Views</u>
Transfer Case	Under the center of the vehicle attached to the automatic transmission	<u>Transfer Case Control Component Views</u> in Transfer Case - BW 4484	<u>Transfer Case Control Connector End Views</u> in Transfer Case - BW 4484
Transfer Case Shift Control Module	At the base of the steering column in back of the left knee bolster	<u>Transfer Case Control Component Views</u> in Transfer Case - BW 4484	<u>Transfer Case Control Connector End Views</u> in Transfer Case - BW 4484
Transfer Case Shift Control Switch	Center of I/P to the left of the radio/navigation unit	<u>Transfer Case Control Component Views</u> in Transfer Case - BW 4484	<u>Transfer Case Control Connector End Views</u> in Transfer Case - BW 4484
		<u>Lighting Systems</u>	<u>Lighting Systems</u>

Turn Signal Lamp - LR	On the left rear of vehicle	<u>Component Views</u> in Lighting Systems	<u>Connector End Views</u> in Lighting Systems
Turn Signal Lamp - RR	On the left rear of vehicle	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Turn Signal/Multifunction Switch	On the left side of the steering assembly	<u>Lighting Systems Component Views</u> in Lighting Systems	-
Underhood Lamp (If Equipped)	On the underside of the hood	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Vanity Mirror Lamp - Left	On the headliner above the driver	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Vanity Mirror Lamp Right	On the headliner above the passenger	<u>Lighting Systems Component Views</u> in Lighting Systems	<u>Lighting Systems Connector End Views</u> in Lighting Systems
Vehicle Communication Interface Module	At the center of the I/P below the HVAC control module	<u>Cellular Communication Component Views</u> in Cellular Communication	<u>Cellular Communication Connector End Views</u> in Cellular Communication
Vehicle Speed Sensor (VSS) - Transmission	On the right rear of the automatic transmission	<u>Automatic Transmission Electronic Component Views</u> in Automatic Transmission - 4L60-E	<u>Automatic Transmission Related Connector End Views</u> in Automatic Transmission - 4L60-E
Wheel Speed Sensor (WSS) - LF	On the left front hub and bearing assembly	<u>ABS Component Views</u> in Anti-lock Brake System	<u>ABS Connector End Views</u> in Anti-lock Brake System
Wheel Speed Sensor (WSS) - LR	On the left rear hub and bearing assembly	<u>ABS Component Views</u> in Anti-lock Brake System	<u>ABS Connector End Views</u> in Anti-lock Brake System
Wheel Speed Sensor (WSS) - RF	On the right front hub and bearing assembly	<u>ABS Component Views</u> in Anti-lock Brake System	<u>ABS Connector End Views</u> in Anti-lock Brake System
Wheel Speed Sensor (WSS) - RR	On the right rear hub and bearing assembly	<u>ABS Component Views</u> in Anti-lock Brake System	<u>ABS Connector End Views</u> in Anti-lock Brake System
Window/Door Lock Switch - Driver	On the left door trim panel armrest	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Window/Door Lock Switch - Front Passenger	On the right front door trim panel	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors

Window Motor - Front Passenger	In the passenger door	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Window Motor - Driver	In the driver door	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Window Motor - LR	In the left rear door	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Window Motor - RR	In the right rear door	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Window Switch - LR	In the left rear door trim panel	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Window Switch - RR	In the right rear door trim panel	<u>Power Door Systems Component Views</u> in Doors	<u>Power Door Systems Connector End Views</u> in Doors
Windshield Washer Fluid Level Switch	At the bottom right front of the washer fluid container	<u>Wiper/Washer System Component Views</u> in Wipers/Washer Systems	<u>Wiper/Washer System Connector End Views</u> in Wipers/Washer Systems
Window Washer Fluid Pump - Reversible	At the rear of the washer fluid container	<u>Wiper/Washer System Component Views</u> in Wipers/Washer Systems	<u>Wiper/Washer System Connector End Views</u> in Wipers/Washer Systems
Windshield Wiper/Washer Module	Near the center of the front cowling	<u>Wiper/Washer System Component Views</u> in Wipers/Washer Systems	<u>Wiper/Washer System Connector End Views</u> in Wipers/Washer Systems
Windshield Wiper (WSW)/Washer Switch	Part of the multifunction switch on the steering column assembly	<u>Wiper/Washer System Component Views</u> in Wipers/Washer Systems	<u>Wiper/Washer System Connector End Views</u> in Wipers/Washer
C100 (16 cavities)	I/P harness to the engine harness, under the fuse block - underhood	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C101 (10 cavities)	I/P harness to the engine harness, under the fuse block - underhood	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C102 (12 cavities)	Chassis harness to the I/P harness, on the back rear side of the fuse block - underhood	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
	I/P harness to forward lamp		

C103 (14 cavities)	harness, attached to the front side of the fuse block - underhood	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C104 (12 cavities)	I/P harness to chassis harness, at the left side of the engine compartment near the fuse block - underhood	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C105 (1 cavity)	I/P harness to chassis harness, at the left side of the engine compartment near the wheel well	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C106 (12 cavities)	Chassis harness to engine harness, under the fuse block - underhood	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C115 (2 cavities)	Engine harness to knock sensor harness, at the top left rear of the engine	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C148 (8 cavities)	Engine harness to the odd ignition coil harness, on the top left side of the engine	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C158 (8 cavities)	Engine harness to the even ignition coil harness, at the top right rear of the engine	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C175 (20 cavities)	Engine harness to the automatic transmission harness, at the right side of the automatic transmission	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C200 (16 cavities)	I/P harness to body harness, on the left side of the I/P under the left kick panel	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C201 (4 cavities)	I/P harness to body harness, on the left side of the I/P behind the left kick panel	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C202 (52 cavities)	I/P harness to steering column harness, below the steering column attached to the transfer case shift control bracket, in back of the left I/P knee bolster	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C203 (2 cavities)	I/P harness to steering column harness, below the steering column, in back of the left I/P knee bolster	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
	Headliner harness to I/P		

C210 (12 cavities)	harness, on the bottom left side of the I/P above the relay block - I/P	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C211 (1 Cavity)	Relay Body harness to crossrail roof lamp harness, at the left side of I/P, 35 cm (11 inches) from relay block - I/P C7 connector	-	<u>Inline Harness Connector End Views</u>
C212 (2 Cavities)	Relay body harness to crossrail roof lamp harness, at the left side of I/P, 35 cm (11 inches) from relay block - I/P C7 connector	-	<u>Inline Harness Connector End Views</u>
C277 (8 Cavities)	Steering column harness to steering wheel harness, in the top of the steering column below the steering wheel assembly	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C298 (22 cavities)	Body harness to I/P harness, on the right side of the front passenger compartment behind the right kick panel	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C310 (17 cavities)	Body harness to left rear door harness, at the left side B-pillar	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C311 (3 Cavities)	Body harness to crossrail roof lamp harness, at base of left roof rail above driver seat	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C320 (6 cavities)	Body harness to left rear seat harness, under the left rear seat	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C325 (16 cavities)	Body harness to driver seat harness, under the driver seat	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C326 (13 cavities)	Driver seat harness, under the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Inline Harness Connector End Views</u>
C327 (24 cavities)	Driver seat harness, under the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Inline Harness Connector End Views</u>
C328 (10 cavities)	Driver seat harness, under the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Inline Harness Connector End Views</u>

C329 (6 cavities)	Driver seat harness, under the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Inline Harness Connector End Views</u>
C330 (6 cavities)	Driver seat harness, under the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Inline Harness Connector End Views</u>
C333 (8 cavities)	Driver seat harness, under the driver seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Inline Harness Connector End Views</u>
C350 (22 cavities)	I/P harness to console harness, under the front floor upper console	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C355 (8 cavities)	Body harness to console harness, in front of the audio amplifier on the floor console to the right of the floor shifter	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C375 (16 cavities)	Body harness to passenger seat harness, under the passenger seat	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C376 (6 cavities)	Passenger seat harness, under the passenger seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Inline Harness Connector End Views</u>
C377 (6 cavities)	Passenger seat harness, under the passenger seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Inline Harness Connector End Views</u>
C378 (4 cavities)	Passenger seat harness, under the passenger seat	<u>Power Seat Systems Component Views</u> in Seats	<u>Inline Harness Connector End Views</u>
C380 (6 cavities)	Body harness to right rear seat harness, under the right rear seat	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C390 (17 cavities)	Body harness to right rear door harness, at the right side B-pillar	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C420 (12 cavities)	Body harness to liftgate jumper harness, at the right rear liftgate hinge, near the right rear roof panel	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C450 (2 cavities)	Chassis harness to air suspension harness, at the rear underside of the vehicle attached to the air suspension assembly	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
	Chassis harness to air		

C451 (16 cavities)	suspension harness, at the rear underside of the vehicle attached to the air suspension assembly	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
C900 (12 cavities)	Liftgate jumper harness to liftgate harness, inside the top center of the liftgate	<u>Harness Routing Views</u>	<u>Inline Harness Connector End Views</u>
G100	On the left front frame body mount	<u>Power and Grounding Component Views</u>	-
G102	At the left front side of the engine block	<u>Power and Grounding Component Views</u>	-
G103	At the top right rear of the engine	<u>Power and Grounding Component Views</u>	-
G104	At the top left rear of the engine	<u>Power and Grounding Component Views</u>	-
G106	At the right rear of the engine compartment on the forward dash panel	<u>Power and Grounding Component Views</u>	-
G200	On the left side of the I/P behind the left kick panel	<u>Power and Grounding Component Views</u>	-
G203	At the lower right side of the I/P behind the right kick panel	<u>Power and Grounding Component Views</u>	-
G300	On the left side body mount in front of the driver door	<u>Power and Grounding Component Views</u>	-
G302	At the left inner center B-pillar	<u>Power and Grounding Component Views</u>	-
G304	Under the front passenger seat carpet	<u>Power and Grounding Component Views</u>	-
G306	At the right inner center B-pillar	<u>Power and Grounding Component Views</u>	-
G308	At the right frame body mount near the right rear door	<u>Power and Grounding Component Views</u>	-
G310	At the left frame body mount under the left rear passenger door	<u>Power and Grounding Component Views</u>	-
G401	At the left rear frame body mount	<u>Power and Grounding Component Views</u>	-
G402 (ZM6)	Attached to the front of the air suspension mounting bracket	<u>Power and Grounding Component Views</u>	-
G405	At the right rear frame body mount	<u>Power and Grounding Component Views</u>	-

G410	On the right rear inner side body panel	Power and Grounding Component Views	-
S100	In the forward lamp harness, approximately 28 cm (11 in) from the junction of the left horn harness to the forward lamp harness along the left front of the radiator support	<u>Harness Routing Views</u>	-
S101	In the forward lamp harness, approximately 5 cm (2 inches) from the ambient temperature sensor harness to the forward lamp harness at the right front of radiator support	<u>Harness Routing Views</u>	-
S102	In the engine harness, at the top rear of engine, approximately 4 cm (1.75 in) from the knock sensor connector harness junction to the engine harness	<u>Harness Routing Views</u>	-
S103	In the engine harness, at the top left of the engine, approximately 10 cm (4 in) from the junction of the fuel injector 3 harness to the engine harness	<u>Harness Routing Views</u>	-
S104	In the engine harness, at the top left of the engine, approximately 30 cm (11.5 in) from the junction of the fuel injector 3 harness to the engine harness	<u>Harness Routing Views</u>	-
S140	In the ignition coil harness	-	-
S141	In the ignition coil harness	-	-
S142	In the ignition coil harness	-	-
S160	In the ignition coil harness	-	-
S161	In the ignition coil harness	-	-
S162	In the ignition coil harness	-	-
S210	In the I/P harness, at the left side of the I/P, approximately 8.5 cm (3.5 in) from the junction of the instrument cluster	<u>Harness Routing Views</u>	-

	connector harness to the I/P harness		
S211	In the I/P harness, at the left side of the I/P, approximately 15 cm (8 in) from the junction of the instrument cluster connector harness to the I/P harness	<u>Harness Routing Views</u>	-
S212	In the I/P harness, at the left side of the I/P, approximately 29.5 cm (11 in) from the junction of the instrument cluster connector harness to the I/P harness	<u>Harness Routing Views</u>	-
S213	In the I/P harness, at the left side of the I/P, approximately 45.4 cm (19 in) from the junction of the instrument cluster connector harness to the I/P harness	<u>Harness Routing Views</u>	-
S214	In the I/P harness, at the left side of the I/P, approximately 50.4 cm (21 in) from the junction of the instrument cluster connector harness to the I/P harness	<u>Harness Routing Views</u>	-
S215	In the I/P harness, at the left side of the I/P, approximately 5.5 cm (2 in) from the junction of the air temperature sensor - upper left harness to the I/P harness	<u>Harness Routing Views</u>	-
S216	In the I/P harness, at the left side of the I/P, approximately 2.5 cm (1 in) from the junction of the air temperature sensor - upper left harness to the I/P harness	<u>Harness Routing Views</u>	-
	In the I/P harness, approximately 25.4 cm (10	<u>Harness Routing</u>	

S217	in) down from the headlamp panel dimmer switch	<u>Views</u>	-
S218	In the steering column harness	-	-
S219	In the steering column harness	-	-
S290	In the I/P harness, at the right side of the I/P, approximately 6.5 cm (2.25 in) from the junction of the I/P compartment lamp junction to the I/P harness	<u>Harness Routing Views</u>	-
S300	In the headliner harness, at the left front side of the headliner, approximately 10 cm (4 in) from the junction of the courtesy/reading lamp - center harness to the headliner harness	<u>Harness Routing Views</u>	-
S301	In the headliner harness, at the top of the left A-pillar near the corner of the windshield	<u>Harness Routing Views</u>	-
S302 (CF5)	In the headliner harness, near the middle of the left A-pillar	<u>Harness Routing Views</u>	-
S303	In the roofmarker harness, near the left A-pillar above the left vanity mirror, approximately 22 cm (9 in) from the right front marker lamp connector	<u>Harness Routing Views</u>	-
S304	In the chassis harness, at the left front frame rail, approximately 21.5 cm (9 in) from the ABS/fuel pump ground (G300) junction to the chassis harness	<u>Harness Routing Views</u>	-
S305	In the headliner harness, at the top of the left A-pillar, approximately 5 cm (2 in) past the top mounting clip	<u>Harness Routing Views</u>	-
S306 (KA7)	In the left rear seat harness	-	-
	In the body harness, at the		

S307 (w/C69)	left rear wheel well, approximately 37.5 cm (15 in) from C312	<u>Harness Routing Views</u>	-
S310	In the body harness, at the right side of the interior, approximately 8.5 cm (3 in) from the right B-pillar courtesy lamp harness junction to the body harness	<u>Harness Routing Views</u>	-
S326	In the driver seat jumper harness, approximately 5 cm (2 in) from the junction of C330 and C328 inline toward the memory seat module connectors	-	-
S327	In the driver seat jumper harness, in the driver seat jumper harness, approximately 10 cm (4 in) from the junction of C330 and C328 inline toward the memory seat module connectors	-	-
S328	In the driver seat jumper harness, approximately 4.5 cm (1.77 in) down from the memory seat module C3 connector	-	-
S345	In the roof marker harness, approximately 16.5 cm (6 in) from the junction of the right center roof lamp connector to the roof marker harness	<u>Harness Routing Views</u>	-
S350	In the console harness, approximately 7 cm (3 in) from the junction of the body harness inline C355 to the floor console harness	<u>Harness Routing Views</u>	-
S351	In the console harness, approximately 28.5 cm (11 in) from the junction of the body harness inline C355 to the floor console harness	<u>Harness Routing Views</u>	-
	In the chassis harness, approximately 63.5 cm (25		

S375	in) down from the rear differential lock actuator on the chassis harness	<u>Harness Routing Views</u>	-
S376	In the chassis harness, approximately 63.5 cm (25 in) down from the rear differential lock actuator on the chassis harness	<u>Harness Routing Views</u>	-
S380	In the passenger seat harness, approximately 21 cm (8.4 in) from the seat adjuster switch between the lumbar bolster switch and seat adjuster switch on the right side of the seat	-	-
S381	In the passenger seat harness, approximately 16 cm (5.4 in) from the lumbar bolster switch between the seat adjuster switch and the lumbar switch on the right side of the seat	-	-
S390	In the body harness, at the left side near the B-pillar, approximately 18.5 cm (7 in) from the junction of the SIR module and driver seat harness to the body harness	<u>Harness Routing Views</u>	-
S391	In the chassis harness, at the right rear frame rail, approximately 15 cm (6 in) from the junction of the right rear air suspension sensor to the chassis harness	<u>Harness Routing Views</u>	-
S392	In the chassis harness, at the right rear frame rail, approximately 30 cm (12 in) from the junction of the right rear air suspension harness to the chassis harness	<u>Harness Routing Views</u>	-
S393 (KA7)	In the right rear seat harness, approximately 34 cm (13 in) from the heated seat module towards inline	-	-

	connector C380		
S411	In the body harness, towards the left rear D-pillar speaker connector, approximately 15.2 cm (6 in) from the junction of the left rear marker lamp to the body harness	<u>Harness Routing Views</u>	-
S412	In the body harness, along the top left rear of vehicle, approximately 27.5 cm (10 in) from the junction of the left rear side marker lamp to the body harness	<u>Harness Routing Views</u>	-
S413	In the air suspension harness at the rear underside of the vehicle	-	-
S414	In the air suspension harness at the rear underside of the vehicle	-	-
S480	In the body harness, along the top right rear of vehicle, approximately 28 cm (11 in) from the junction of inline C420	<u>Harness Routing Views</u>	-
S720	In the right rear door harness, approximately 12 cm (4 in) from the junction of the speaker connector harness to the door harness	-	-
S820	Approximately 11.5 cm (4 in) from the junction of the door courtesy lamp connector harness to the door harness	-	-
S900	At the left side of the liftgate near the junction of the right rear defogger connector to the liftgate harness	<u>Harness Routing Views</u>	-
S901	At the lower right side of the liftgate, approximately 10 cm (4 in) from the junction of the rear wiper motor connector to the liftgate harness	<u>Harness Routing Views</u>	-

S902	At the lower right side of the liftgate, approximately 6.5 cm (2.5 in) from the right liftgate ajar switch junction to the liftgate harness	<u>Harness Routing Views</u>	-
SP205	On the left side of the I/P near the footwell courtesy lamp on the I/P harness	<u>Data Link Communications Component Views</u> in Data Link Communications	<u>Splice Pack Connector End Views</u>
SP206	On the left side of the I/P on the I/P harness near the steering column inline connector	<u>Data Link Communications Component Views</u> in Data Link Communications	<u>Splice Pack Connector End Views</u>
SP207	On the left side of the I/P near the left kick panel on the body harness	<u>Data Link Communications Component Views</u> in Data Link Communications	<u>Splice Pack Connector End Views</u>
SP410	Inside the right rear cargo area at the middle of the right rear D-pillar	<u>Power and Grounding Component Views</u>	<u>Splice Pack Connector End Views</u>

POWER AND GROUNDING COMPONENT VIEWS

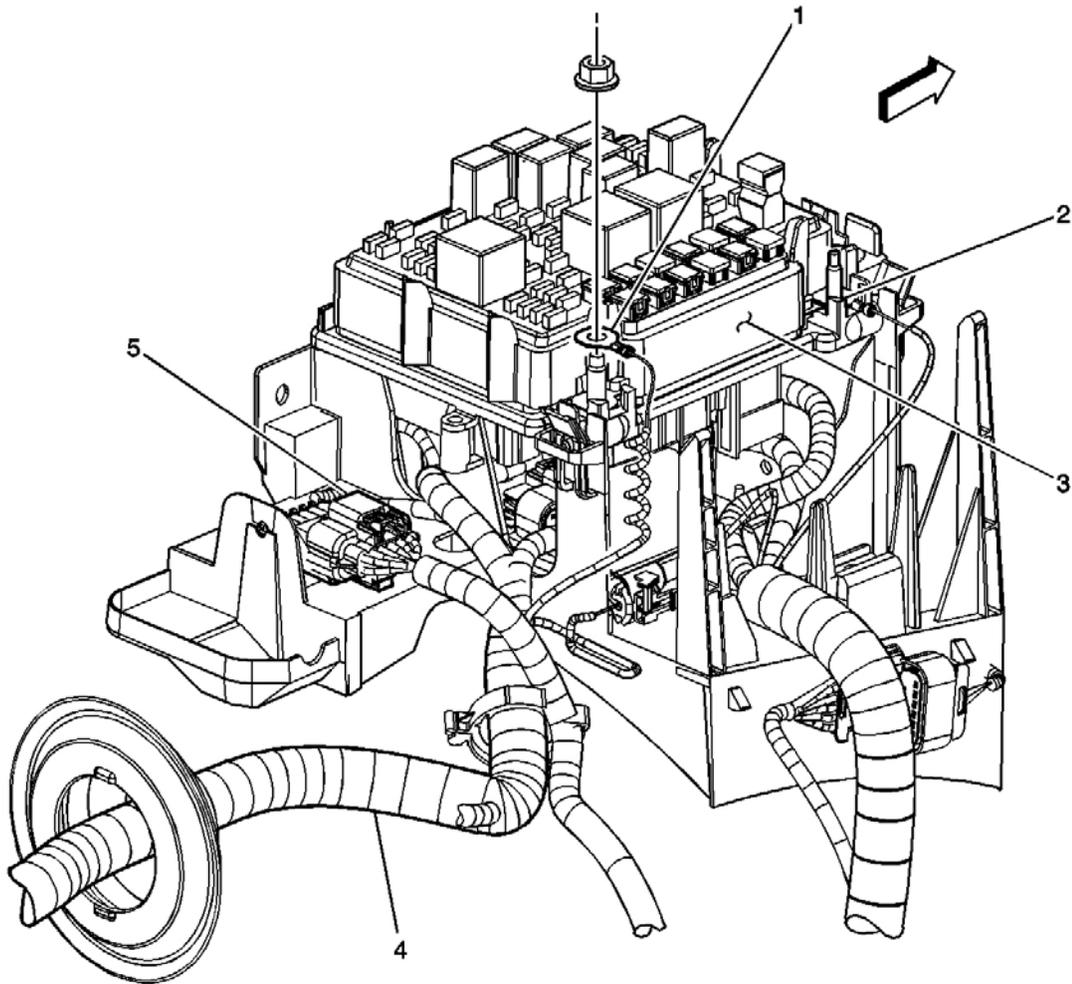


Fig. 1: Fuse Block - Underhood - Stud #1 and Stud #2 Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 1

Callout	Component Name
1	Stud #2 - Trailer Connector Power Feed
2	Stud #1
3	Fuse Block - Underhood
4	IP Harness
5	C102

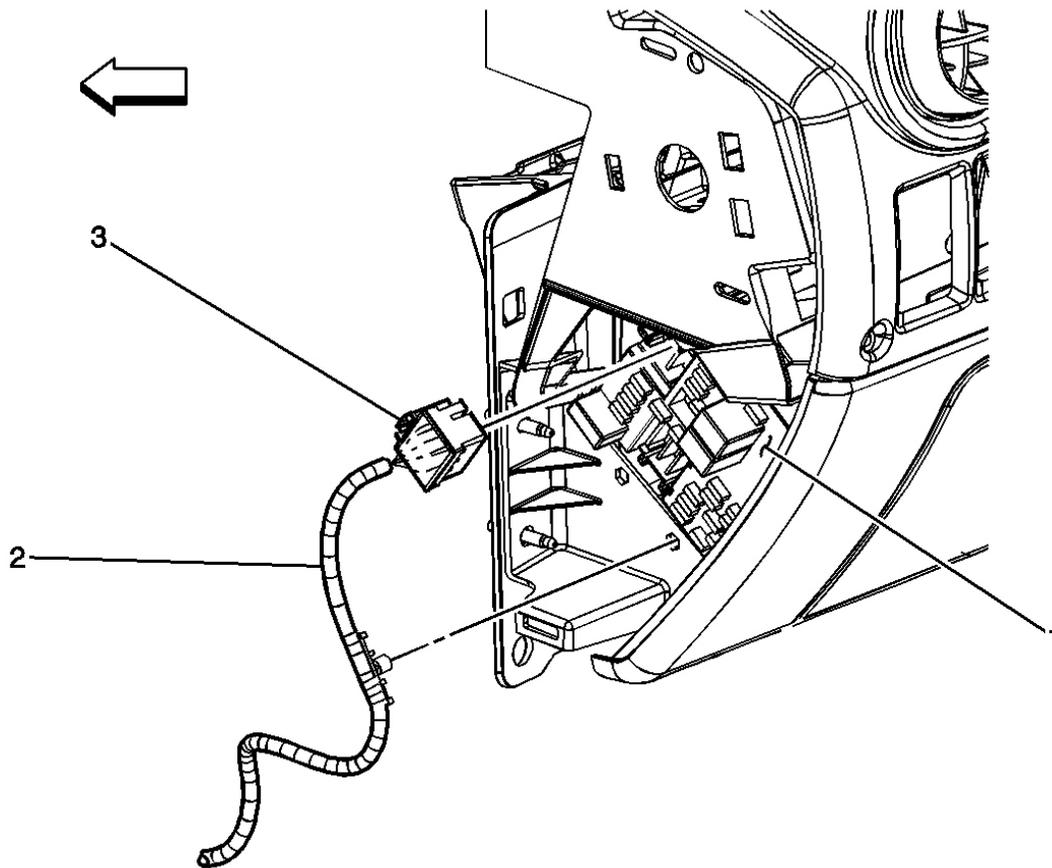


Fig. 2: Fuse Block - I/P Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 2

Callout	Component Name
1	Fuse Block - I/P
2	Driver Door Harness
3	Fuse Block - I/P - C3 (BLK)

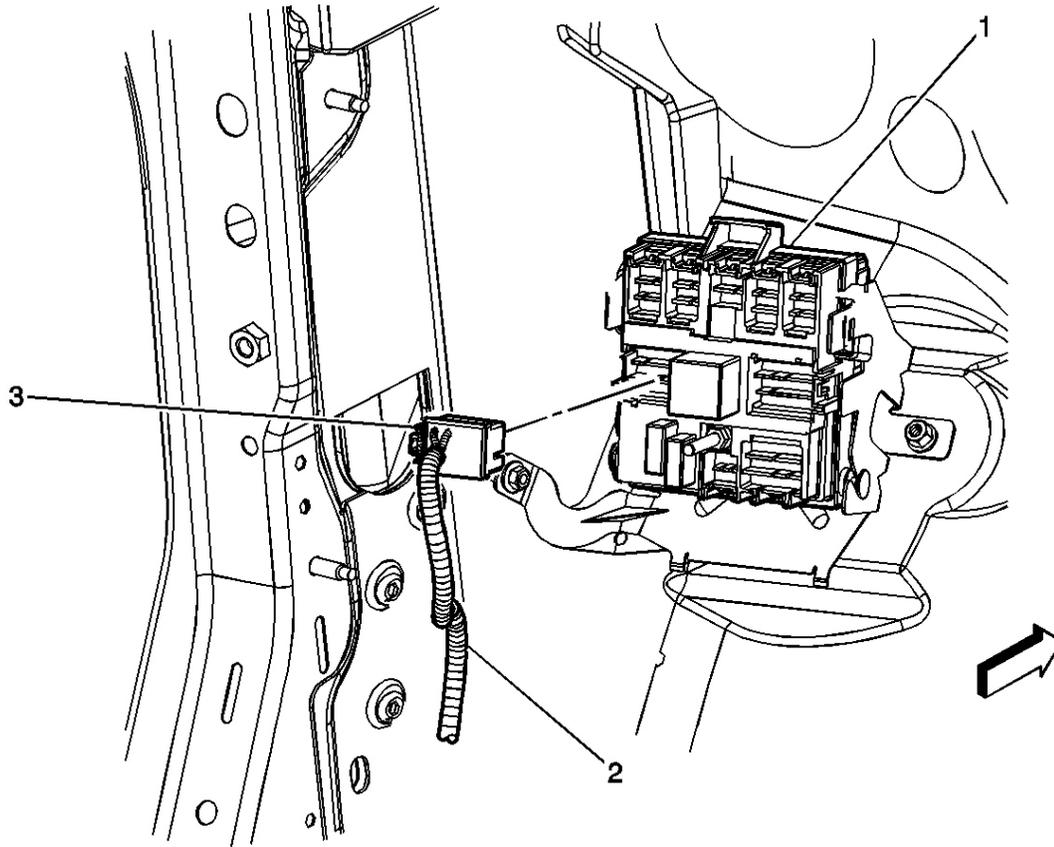


Fig. 3: Relay Block - I/P Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 3

Callout	Component Name
1	Relay Block - I/P
2	Body Harness
3	Relay Block - I/P - C10 (NAT)

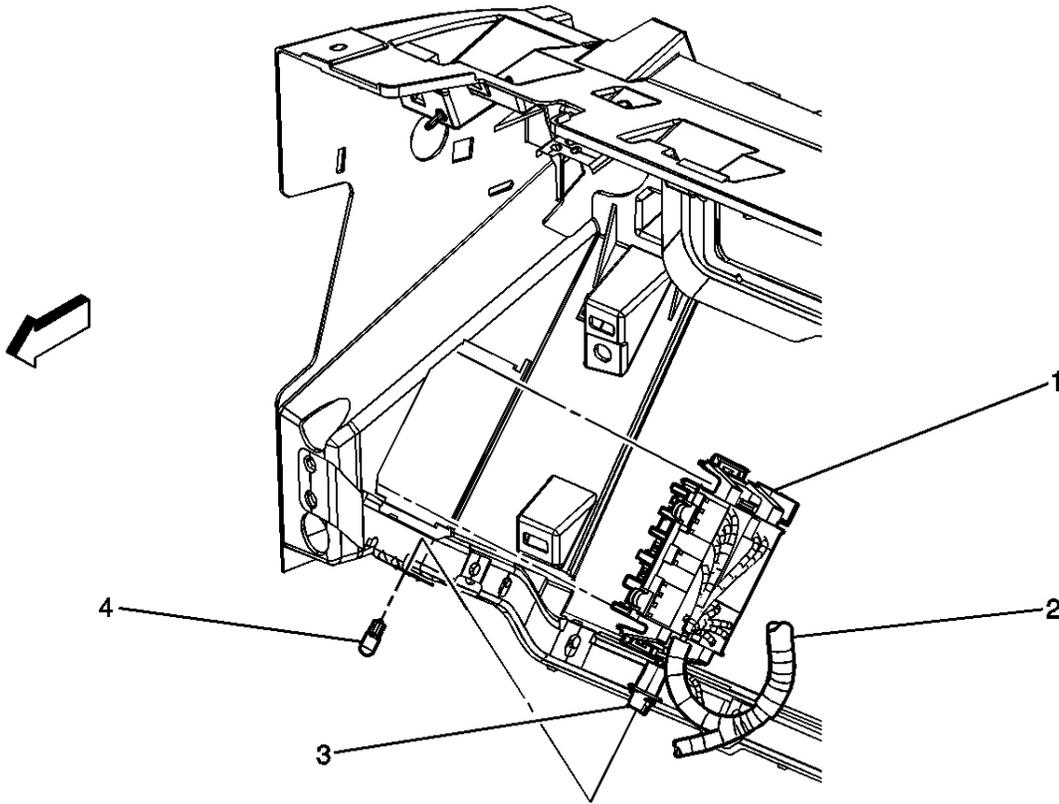


Fig. 4: Junction Block - I/P Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 4

Callout	Component Name
1	Junction Block - I/P
2	I/P Harness
3	Footwell Courtesy Lamp Socket - Right
4	Footwell Courtesy Lamp Bulb - Right

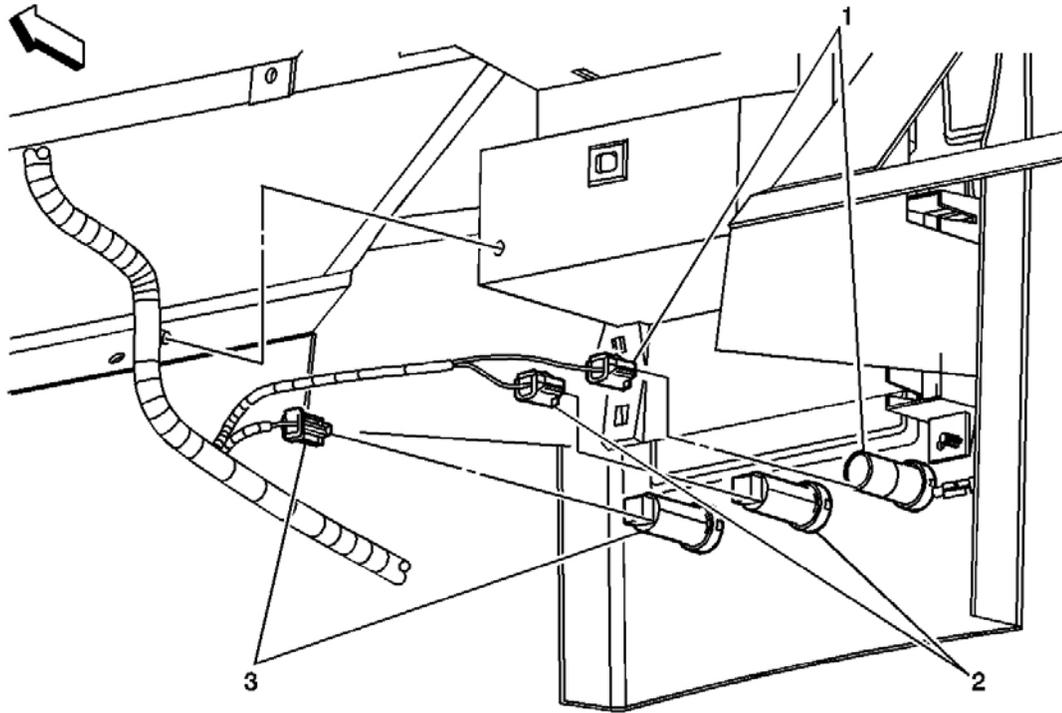


Fig. 5: Accessory Power Outlets - IP Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 5

Callout	Component Name
1	Cigar Lighter
2	Accessory Power Outlet
3	Accessory Power Outlet

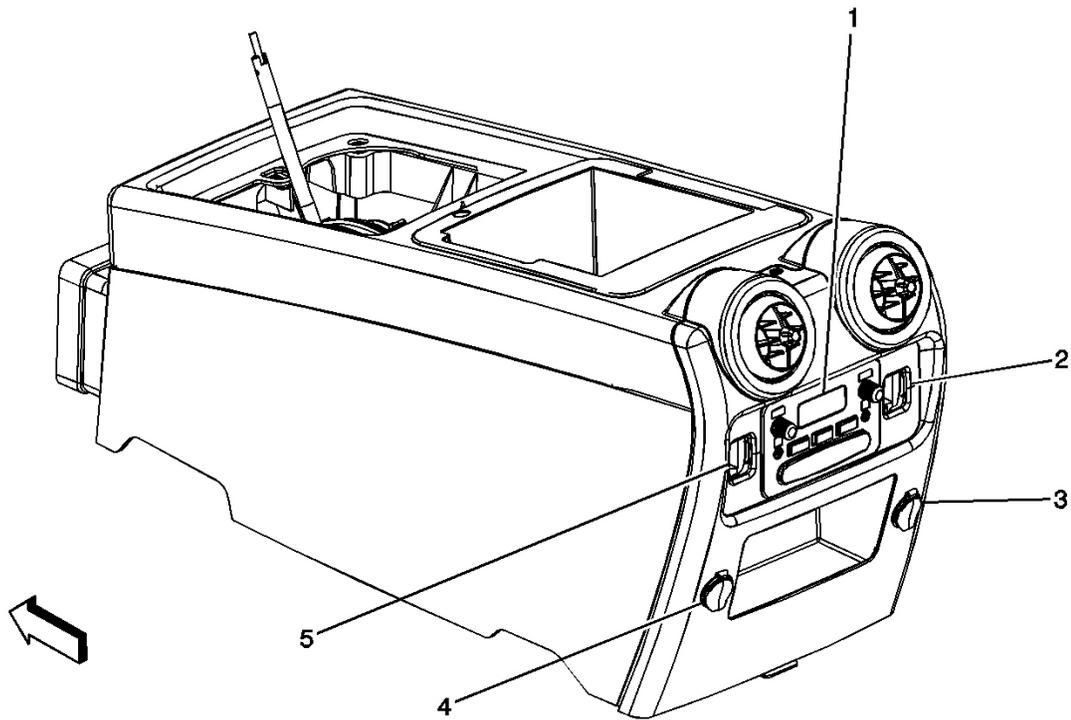


Fig. 6: Accessory Power Outlets - Rear Console Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 6

Callout	Component Name
1	RSA Controller
2	Heated Seat Switch - RR
3	Accessory Power Outlet - RR
4	Accessory Power Outlet - LR
5	Heated Seat Switch - LR

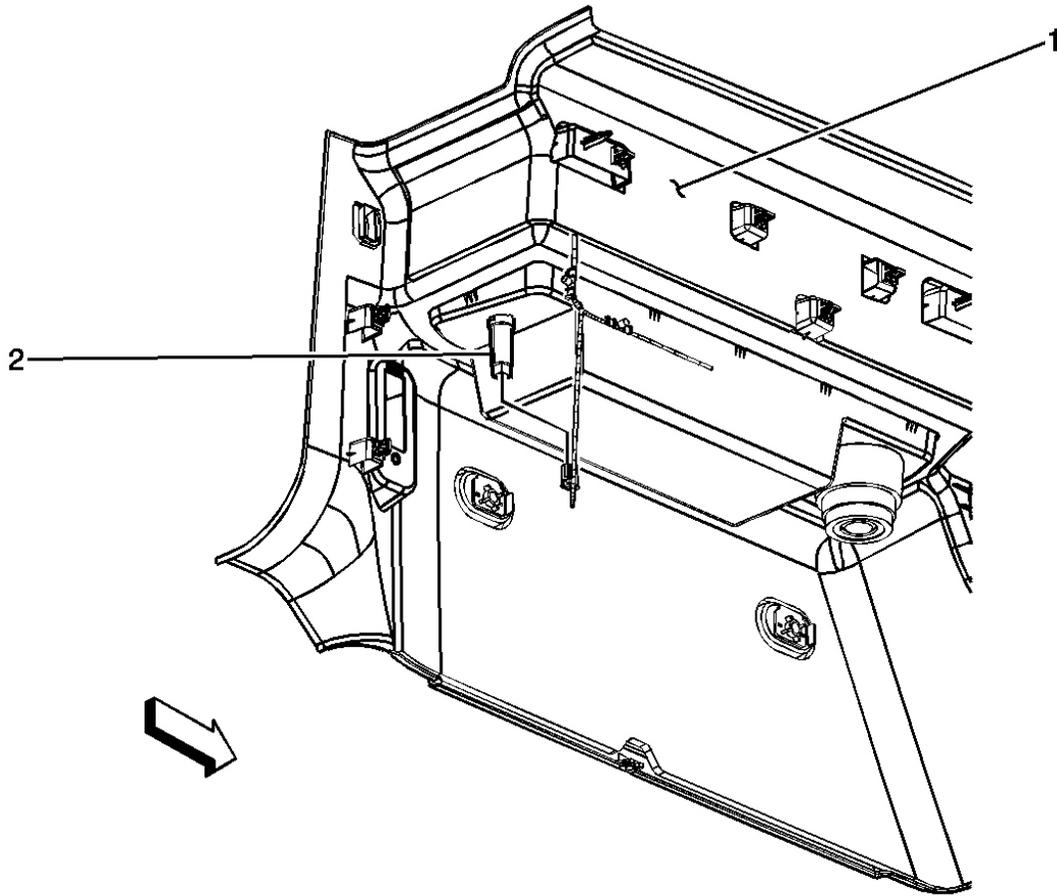


Fig. 7: Accessory Power Outlet - Rear Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 7

Callout	Component Name
1	Rear Cargo Storage Bin
2	Accessory Power Outlet - RR

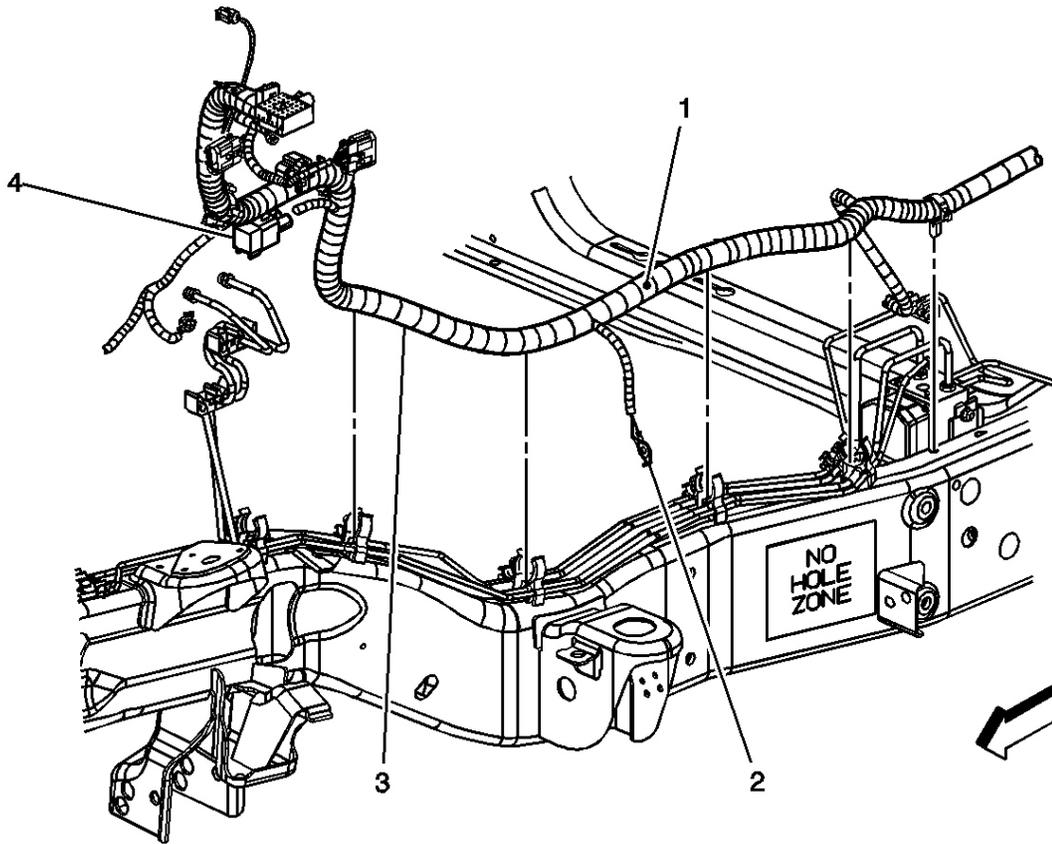


Fig. 8: Electronically Controlled Air Suspension Relay and G300 Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 8

Callout	Component Name
1	S304
2	G300
3	Chassis Harness
4	Electronically Controlled Air Suspension Relay

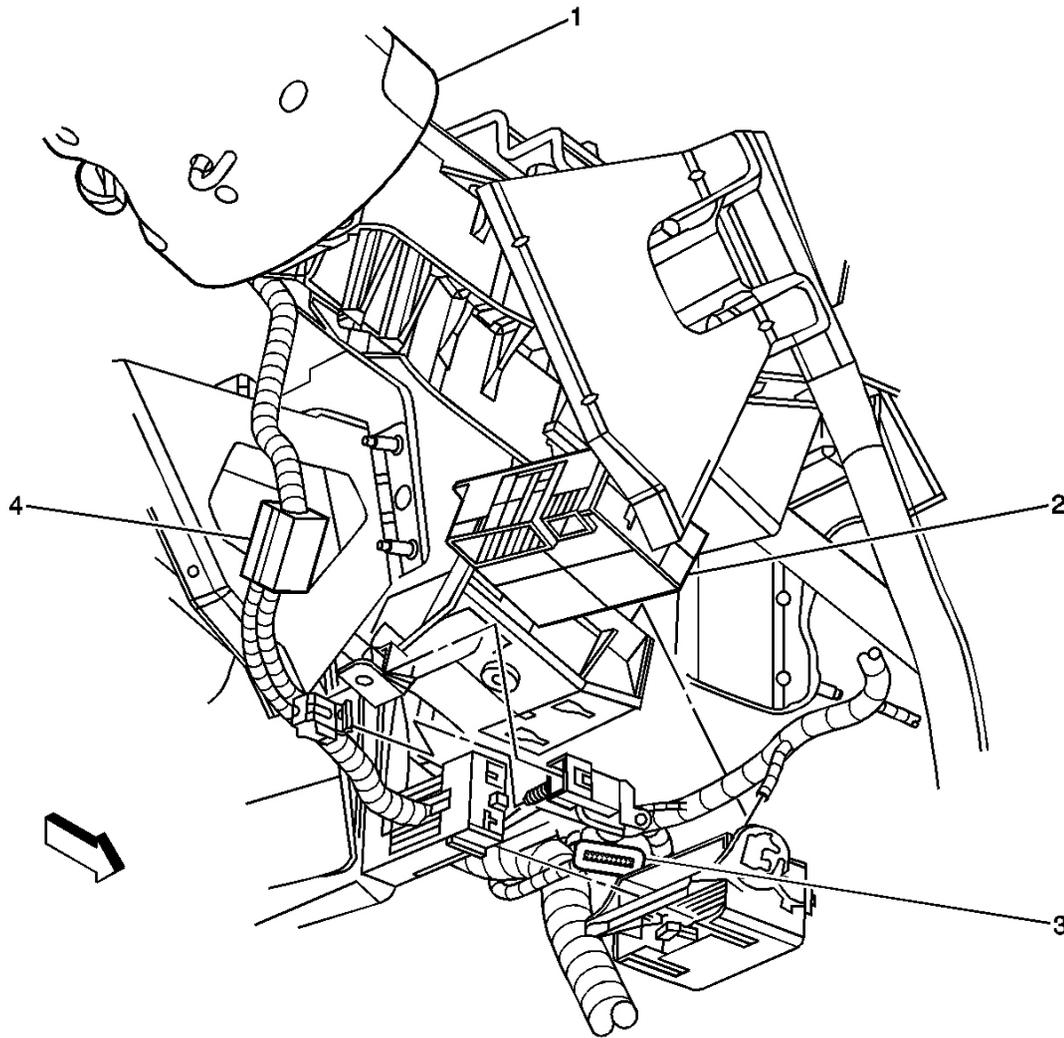


Fig. 9: Steering Wheel Controls Backlight Fuse Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 9

Callout	Component Name
1	Steering Column
2	Transfer Case Shift Control Module
3	Splice Pack SP206
4	Steering Wheel Controls Backlight Fuse

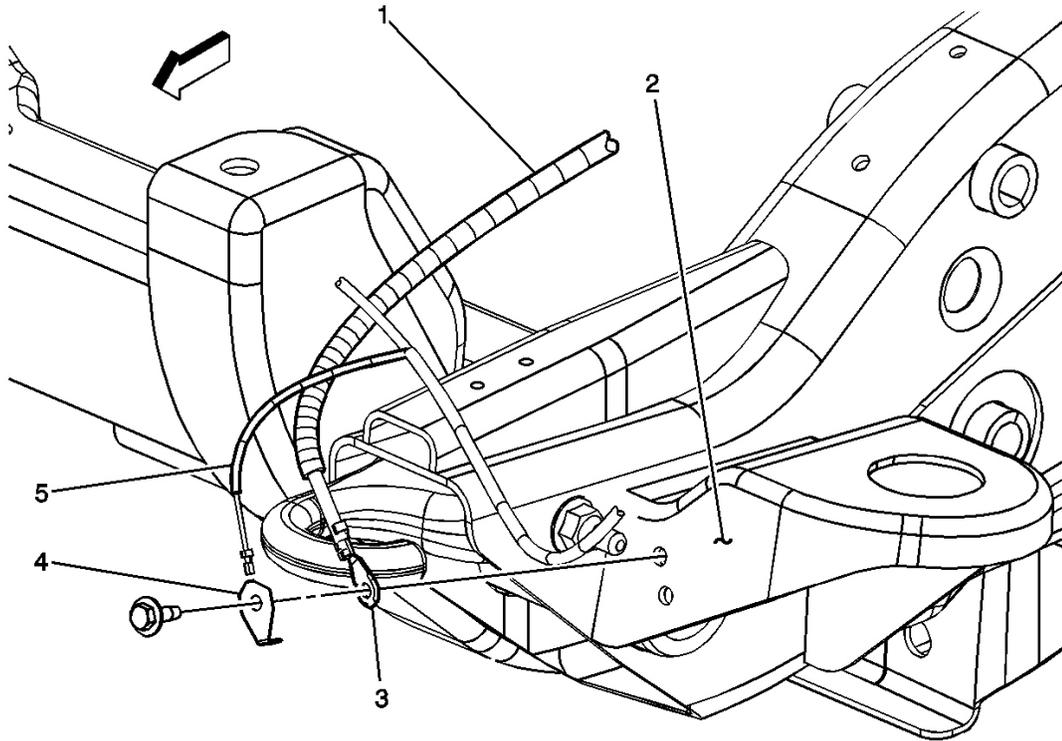


Fig. 10: G100 Component View
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 10

Callout	Component Name
1	Negative Battery Cable
2	Left Front Frame Rail
3	G100 - Negative Battery cable
4	G100 - Forward Lamp Harness
5	Forward Lamp Harness

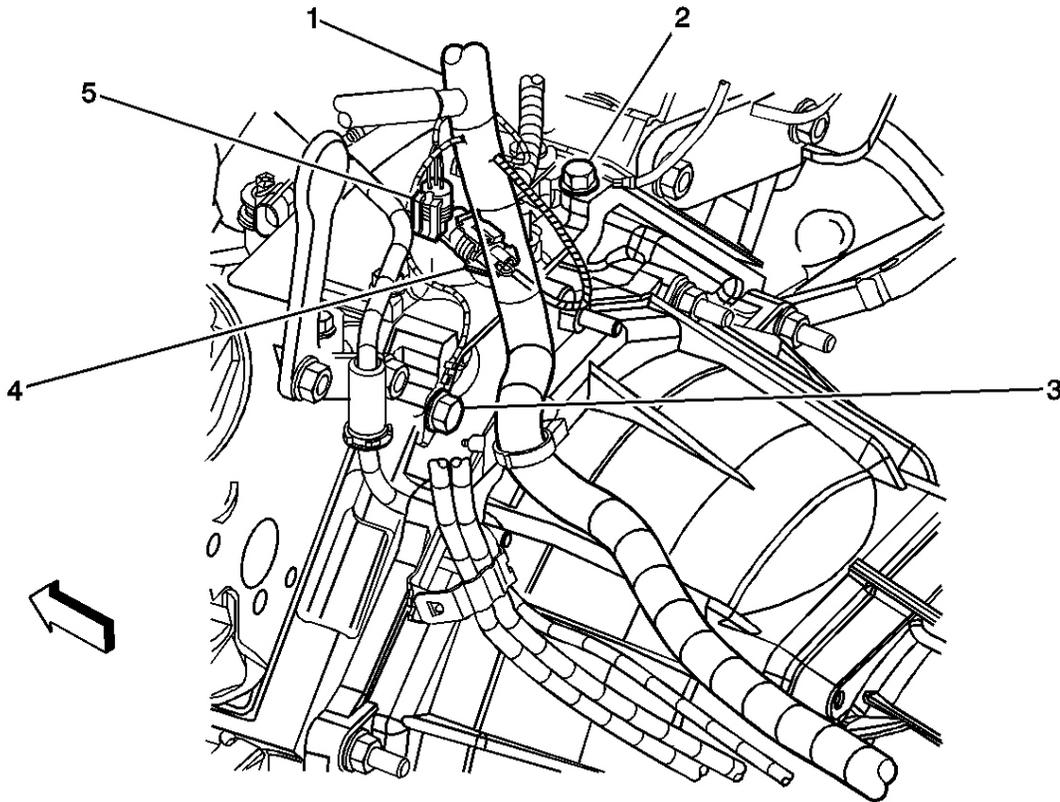


Fig. 11: G103 and G104 Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 11

Callout	Component Name
1	Engine Harness
2	G103 - Engine Harness Ground
3	G104
4	Camshaft Position (CMP) Sensor Connector
5	Engine Oil Pressure (EOP) Sensor Connector

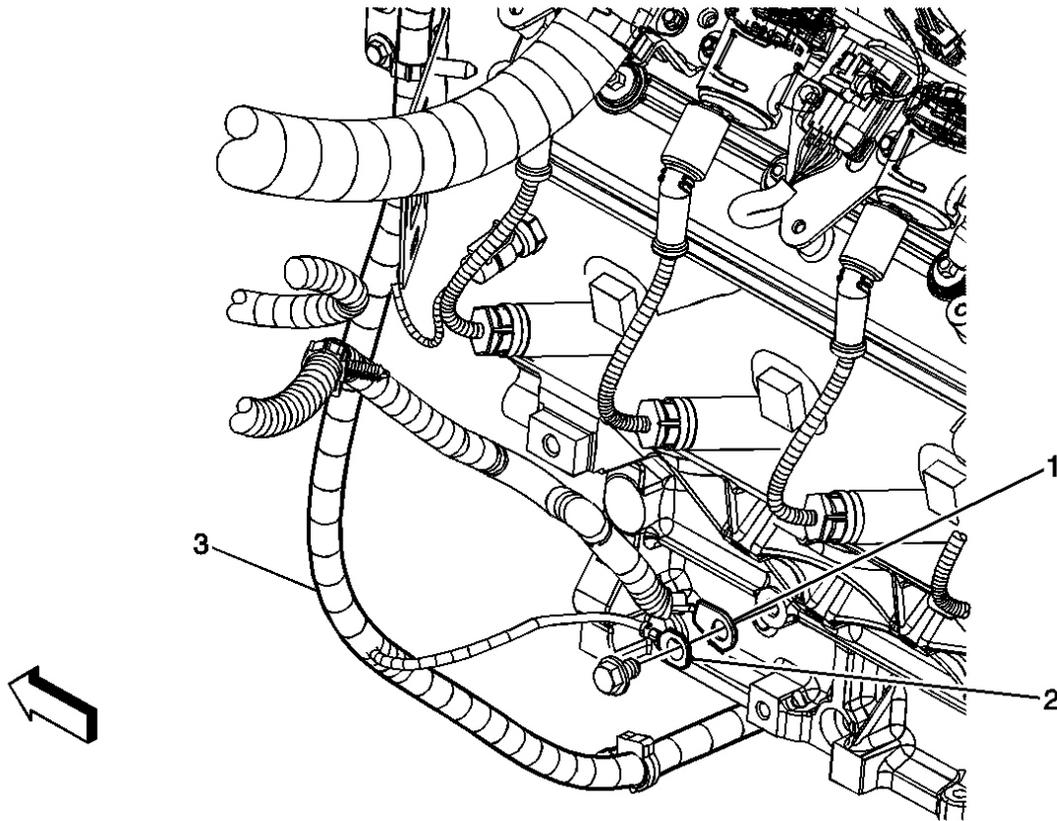


Fig. 12: G102 Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 12

Callout	Component Name
1	G102 - Negative Battery Cable
2	G102 - Engine Harness Ground
3	Engine Harness

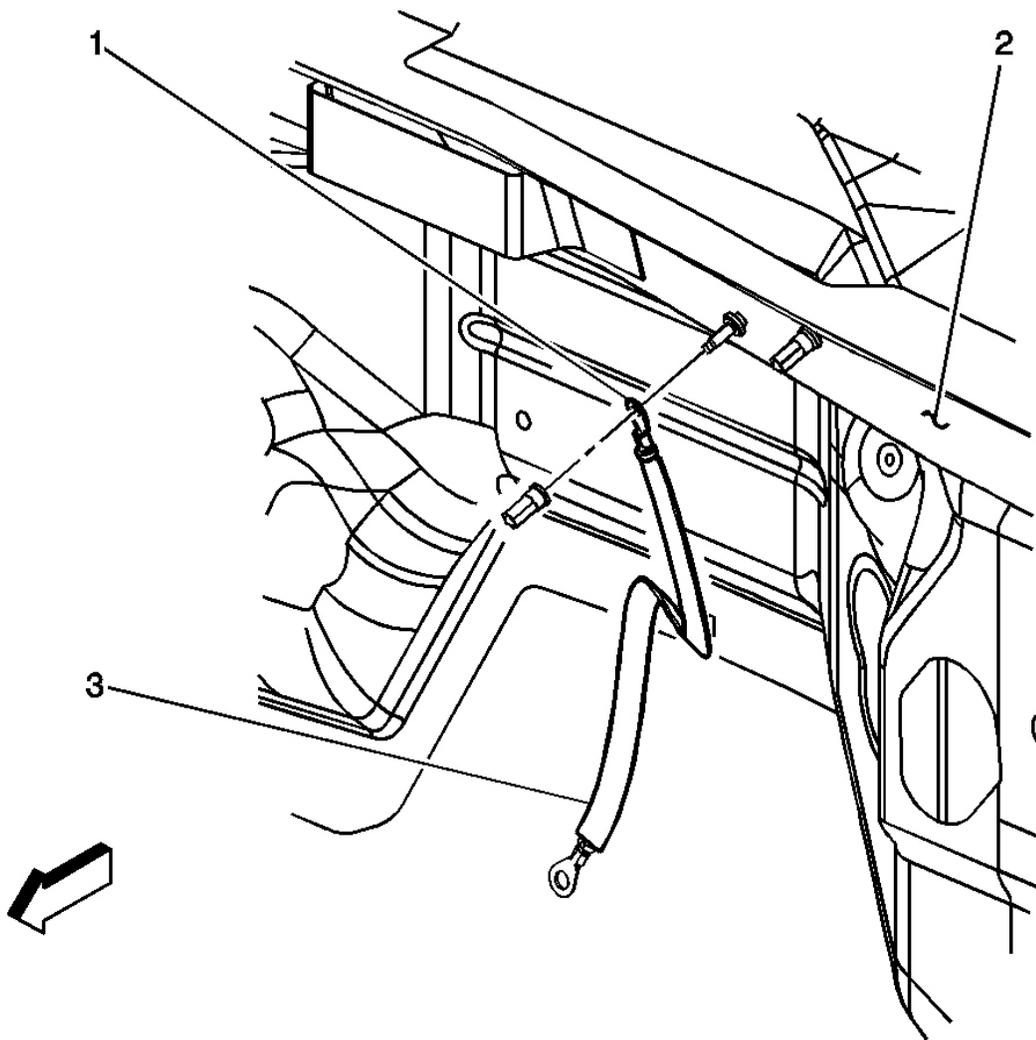


Fig. 13: G106 Component View
Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 13

Callout	Component Name
1	G106
2	Dash Panel
3	Engine Ground Strap

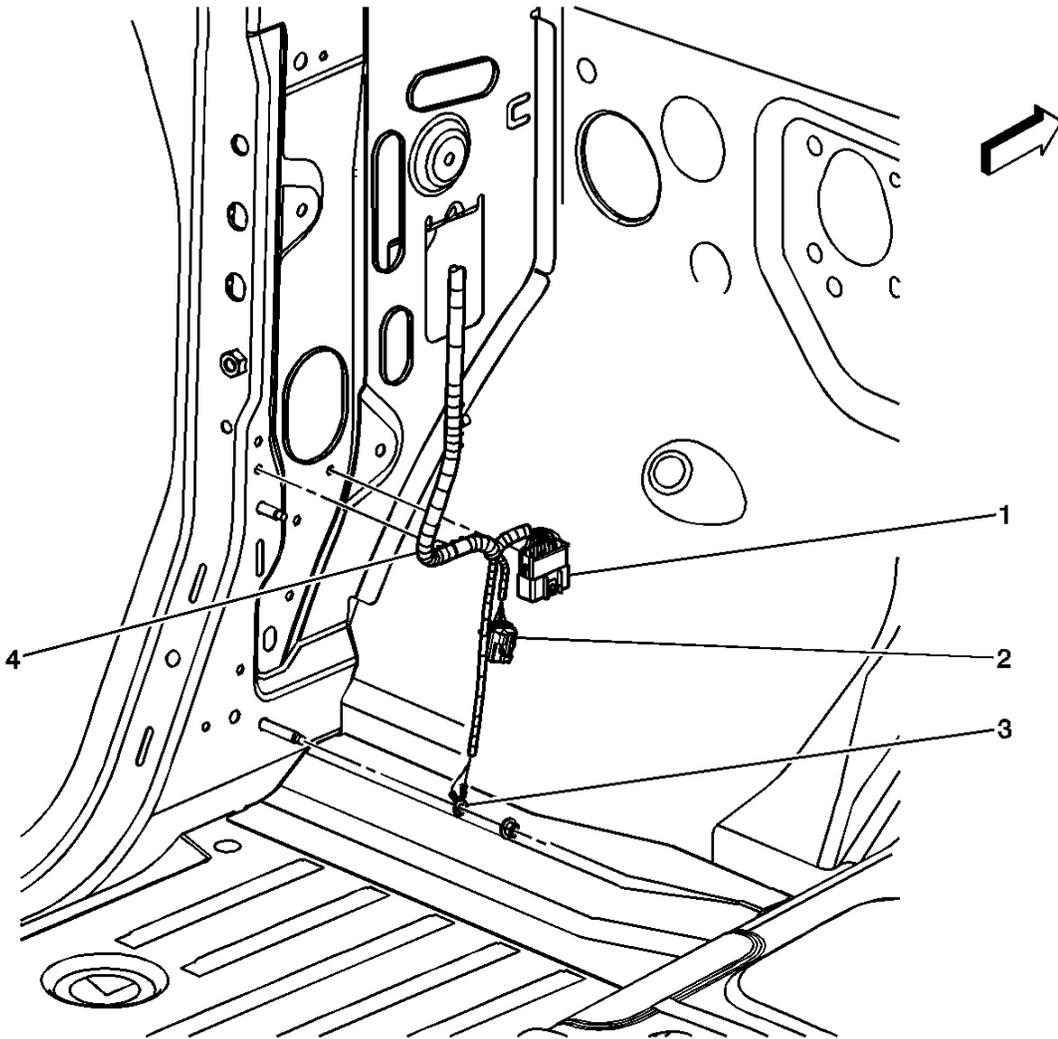


Fig. 14: G200 Component View
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 14

Callout	Component Name
1	C200 - I/P Harness Side
2	C201 - I/P Harness Side
3	G200
4	I/P Harness

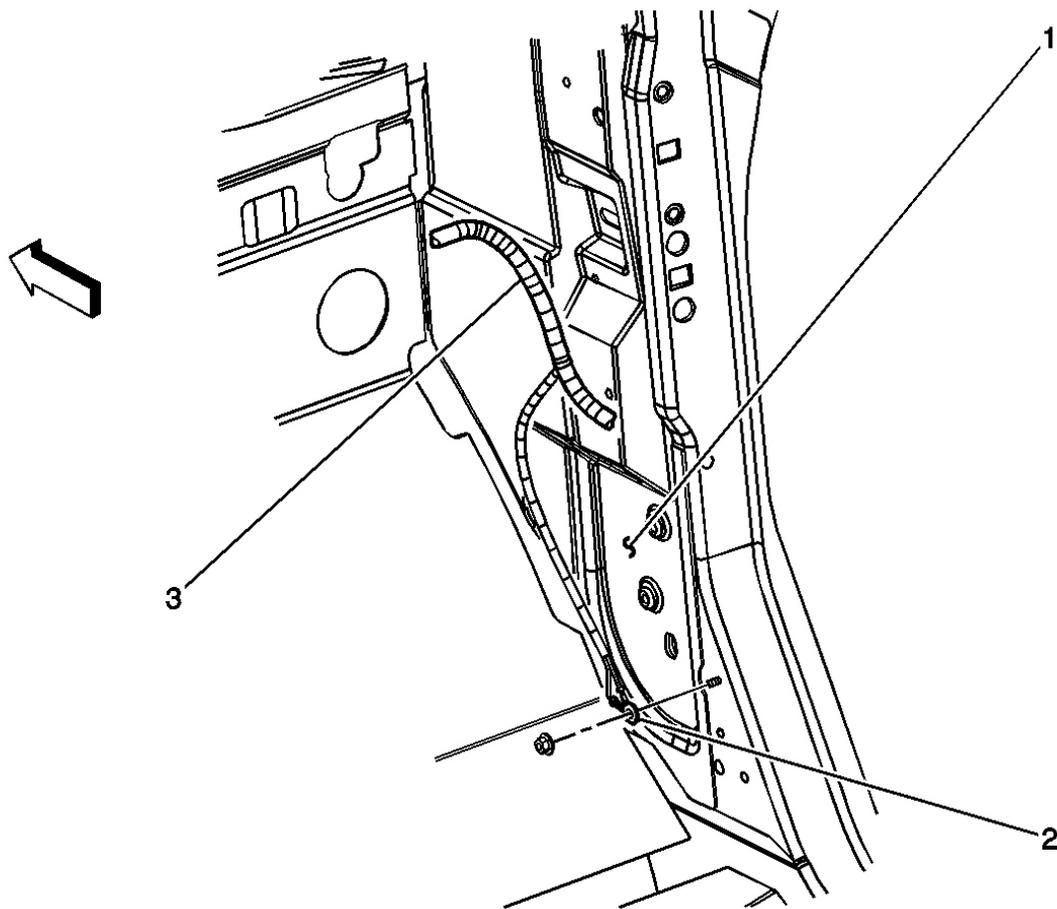


Fig. 15: G203 Component View
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 15

Callout	Component Name
1	Cowl Panel Insulator
2	G203
3	HVAC Harness

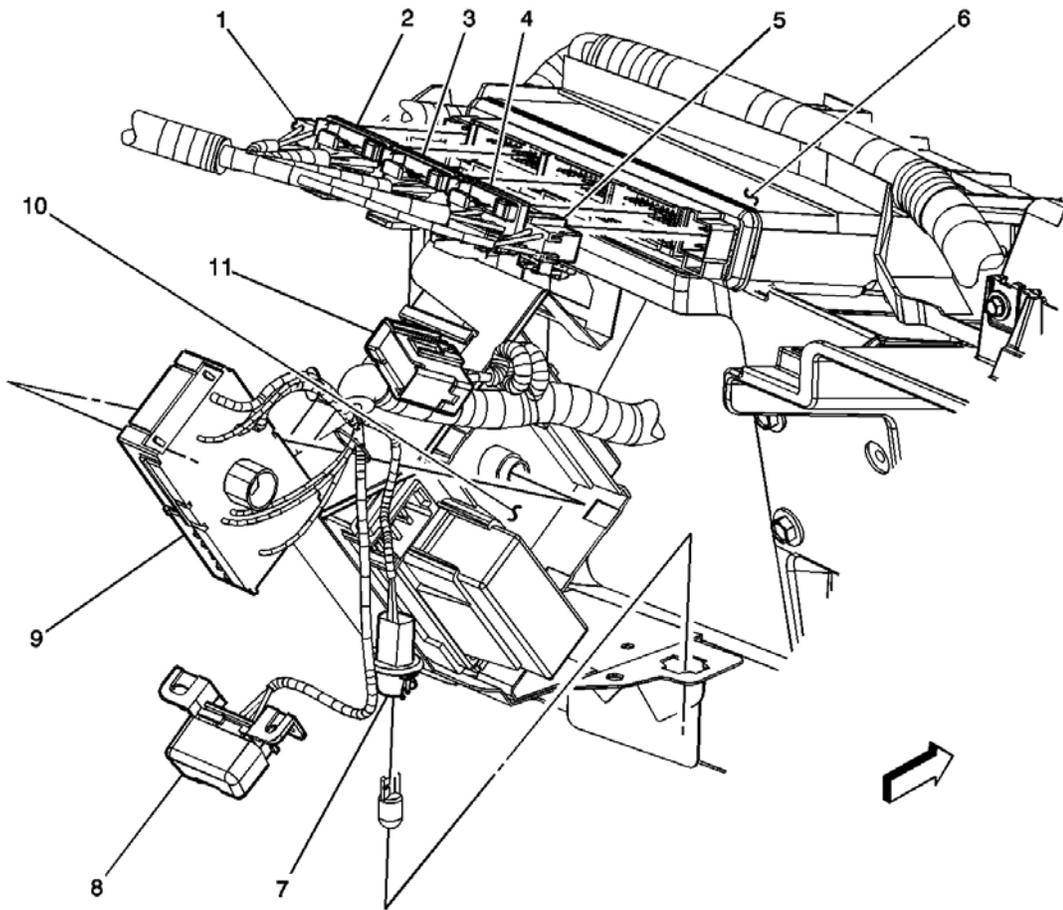


Fig. 16: Data Link Connector and Splice Pack SP205 Component View
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 16

Callout	Component Name
1	BCM - C1
2	BCM - C2
3	BCM - C3
4	BCM - C4
5	BCM - C5
6	Body Control Module (BCM)
7	Footwell Courtesy Lamp - Left (If Equipped)
8	Data Link Connector (DLC)
9	Fuse Block - IP - C1
10	Fuse Block - IP Center Block
11	Splice Pack SP205

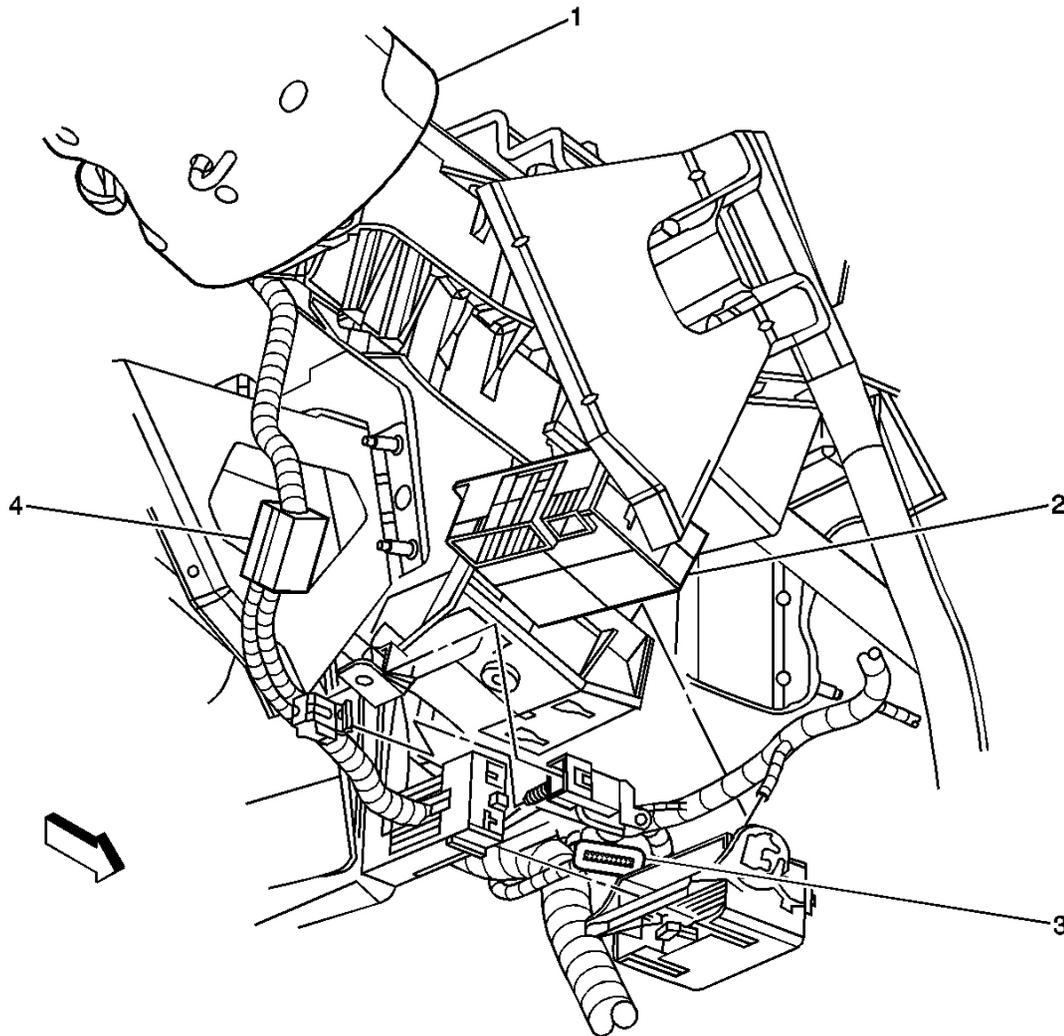


Fig. 17: Splice Pack SP206 Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 17

Callout	Component Name
1	Steering Column
2	Transfer Case Shift Control Module
3	Splice Pack SP206
4	Steering Wheel Controls Backlight Fuse

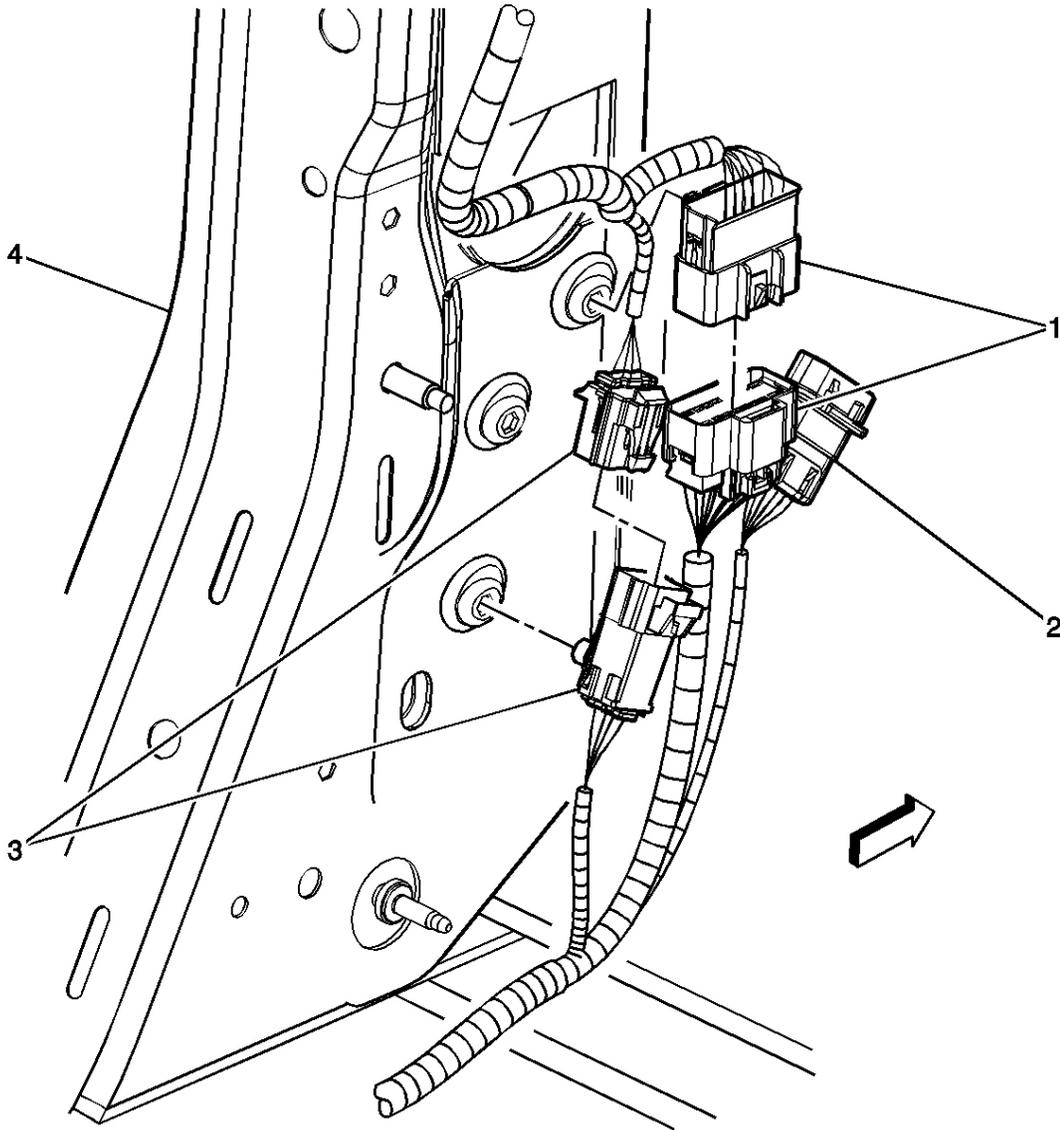


Fig. 18: Splice Pack SP207 Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 18

Callout	Component Name
1	C200
2	Splice Pack SP207
3	C201
4	Left Side Cowl Panel

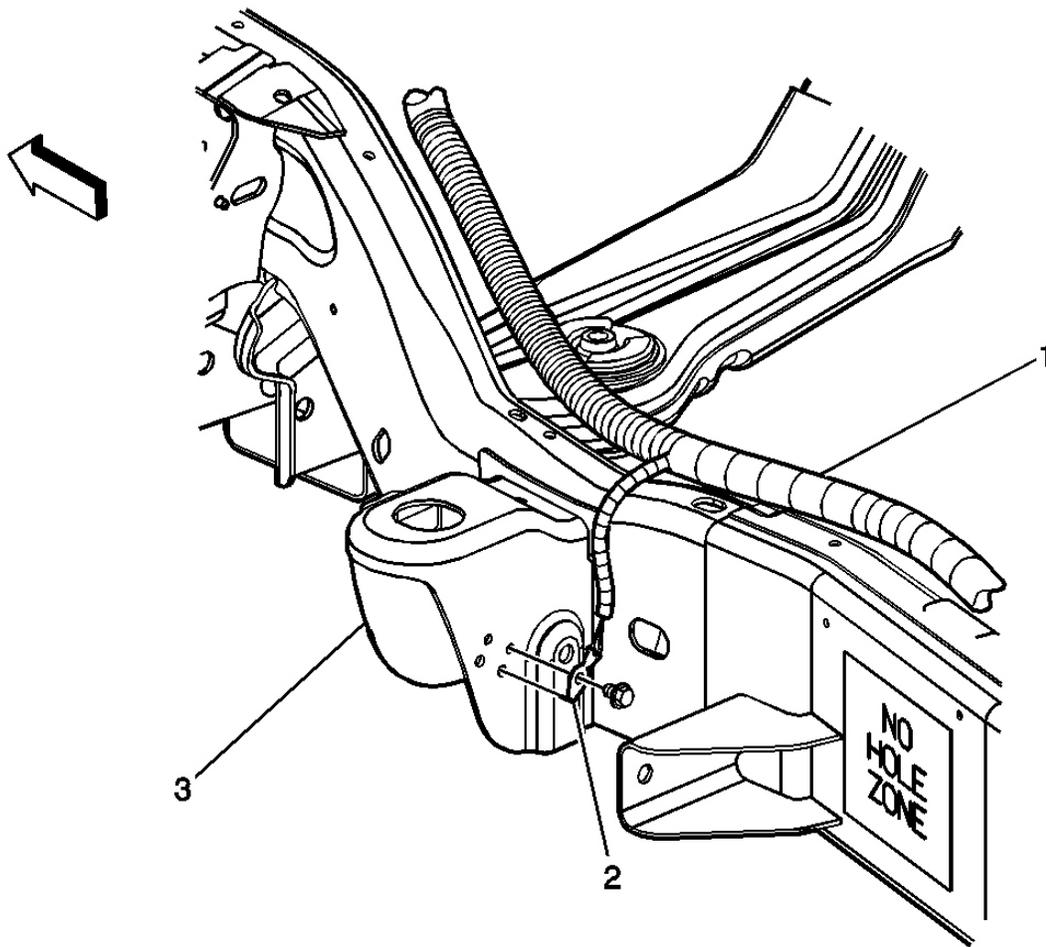


Fig. 19: G300 Component View
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 19

Callout	Component Name
1	Chassis Harness
2	G300
3	Left Frame Body Mount

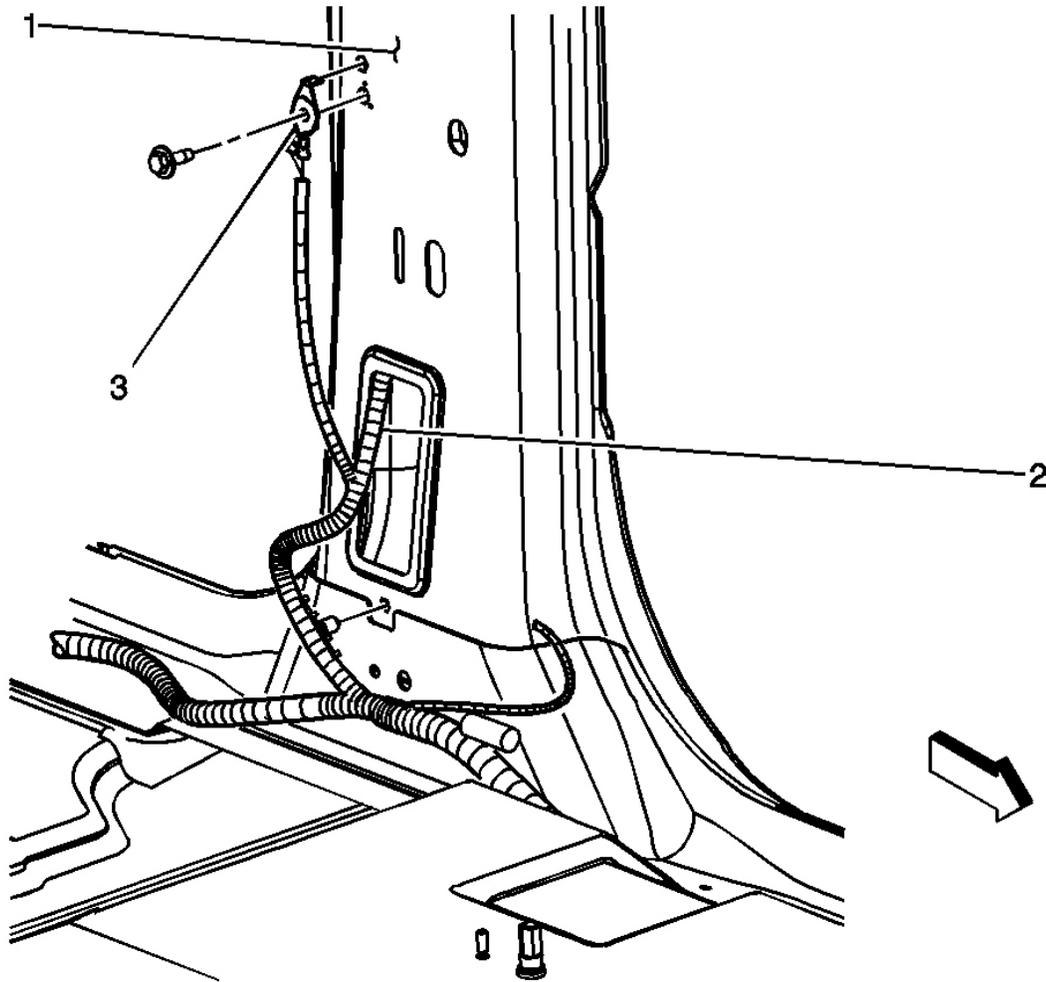


Fig. 20: G302 Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 20

Callout	Component Name
1	B Pillar
2	Body Harness
3	G302

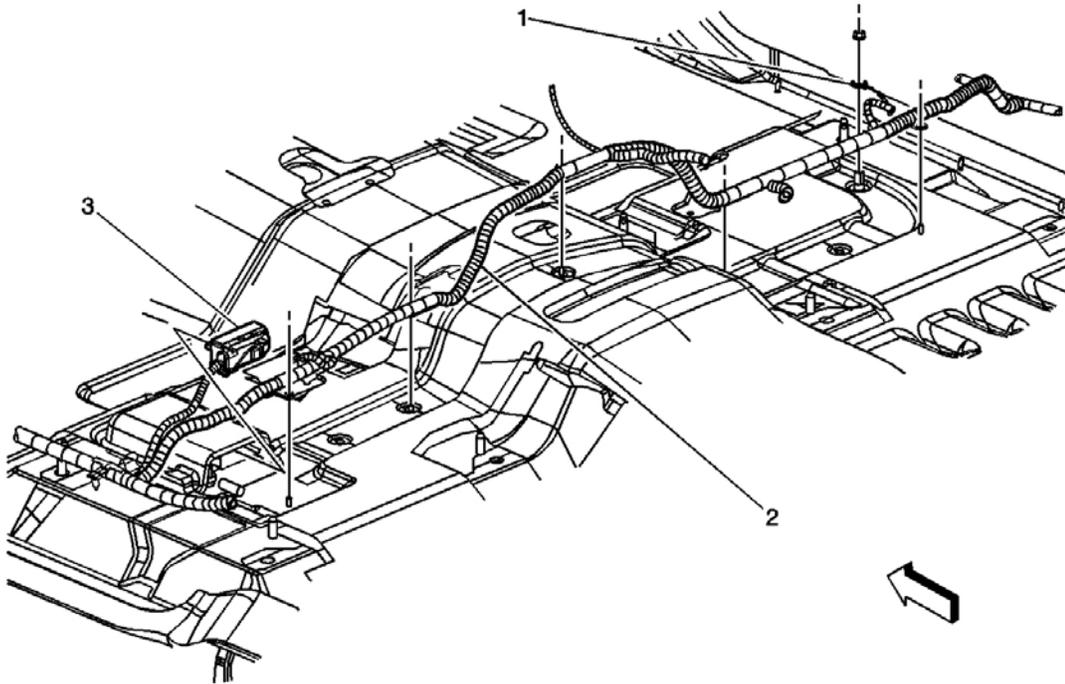


Fig. 21: G304 Component View
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 21

Callout	Component Name
1	G304
2	Body Harness
3	Inflation Restraint and Diagnostic Module (SDM) Connector

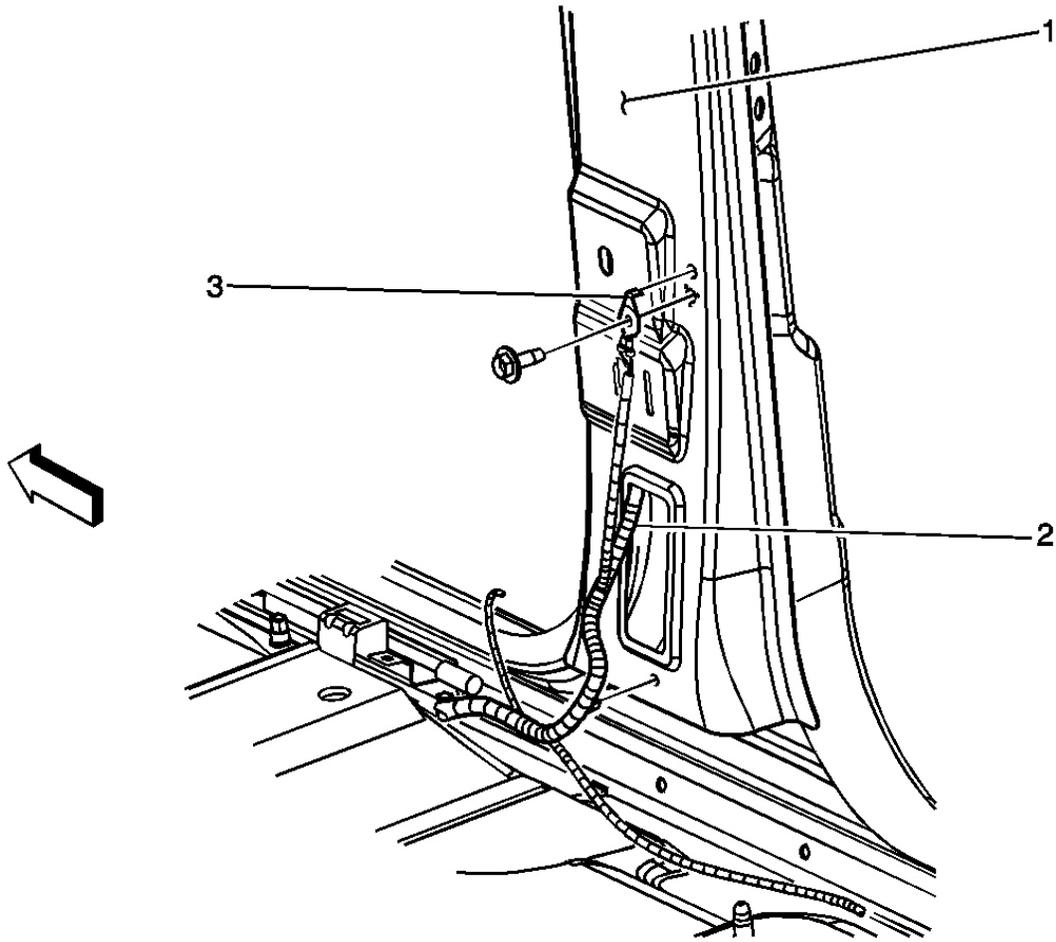


Fig. 22: G306 Component View
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 22

Callout	Component Name
1	B Pillar
2	Body Harness
3	G306

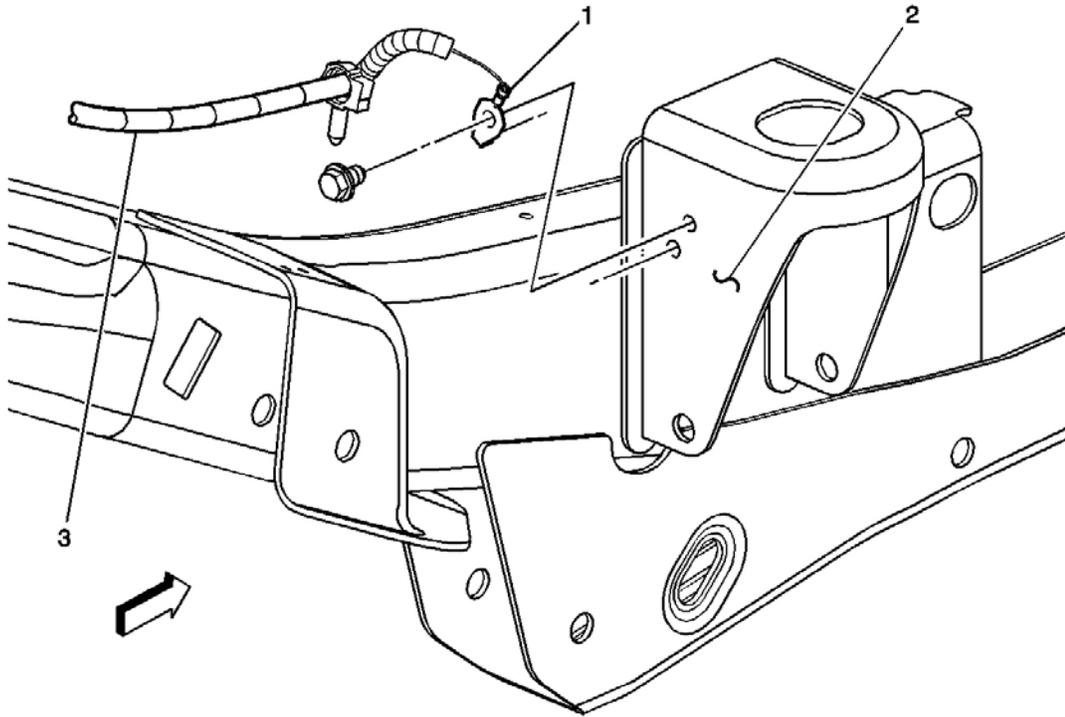


Fig. 23: G308 Component View
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 23

Callout	Component Name
1	G308
2	Body Mount - RH
3	Chassis Harness

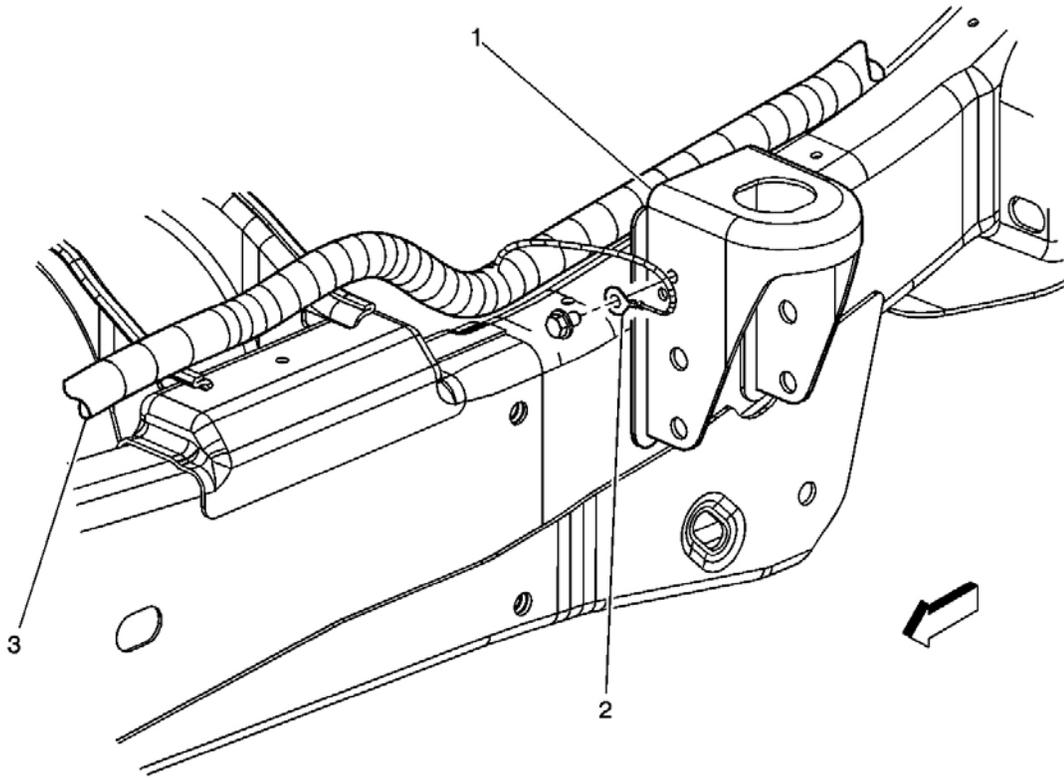


Fig. 24: G310 Component View
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 24

Callout	Component Name
1	Body Mount - LH
2	G310
3	Chassis Harness

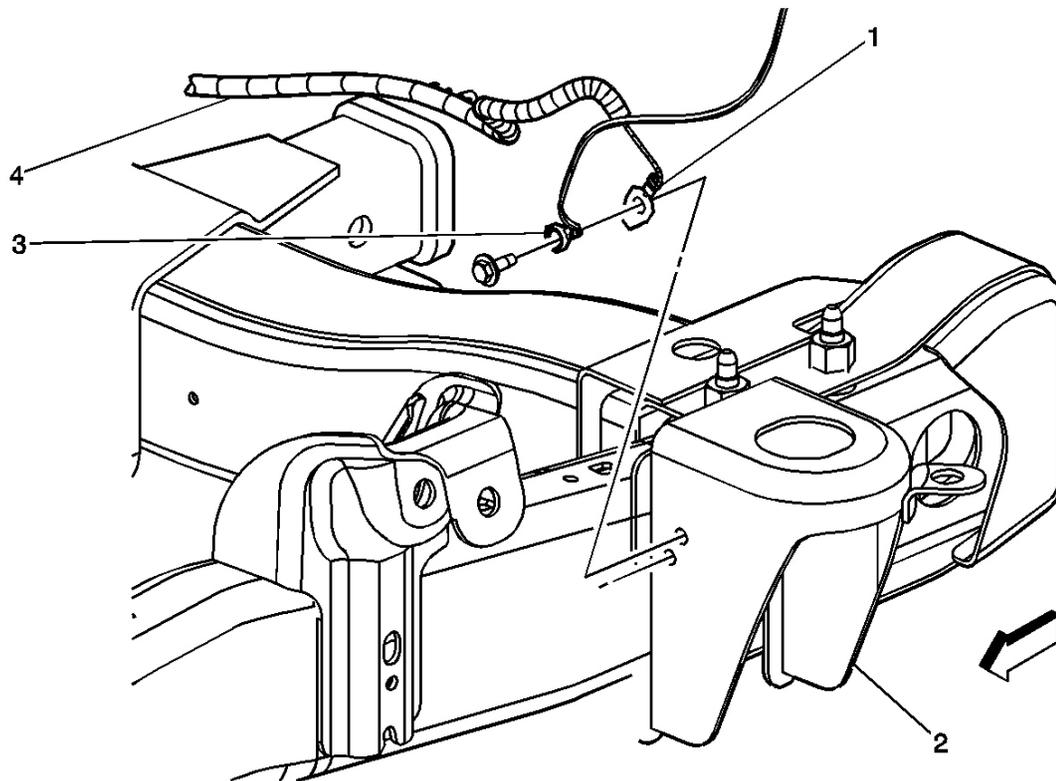


Fig. 25: G401 Component View
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 25

Callout	Component Name
1	G401
2	Body Mount - LH
3	Fuel Tank Filler Ground
4	Chassis Harness

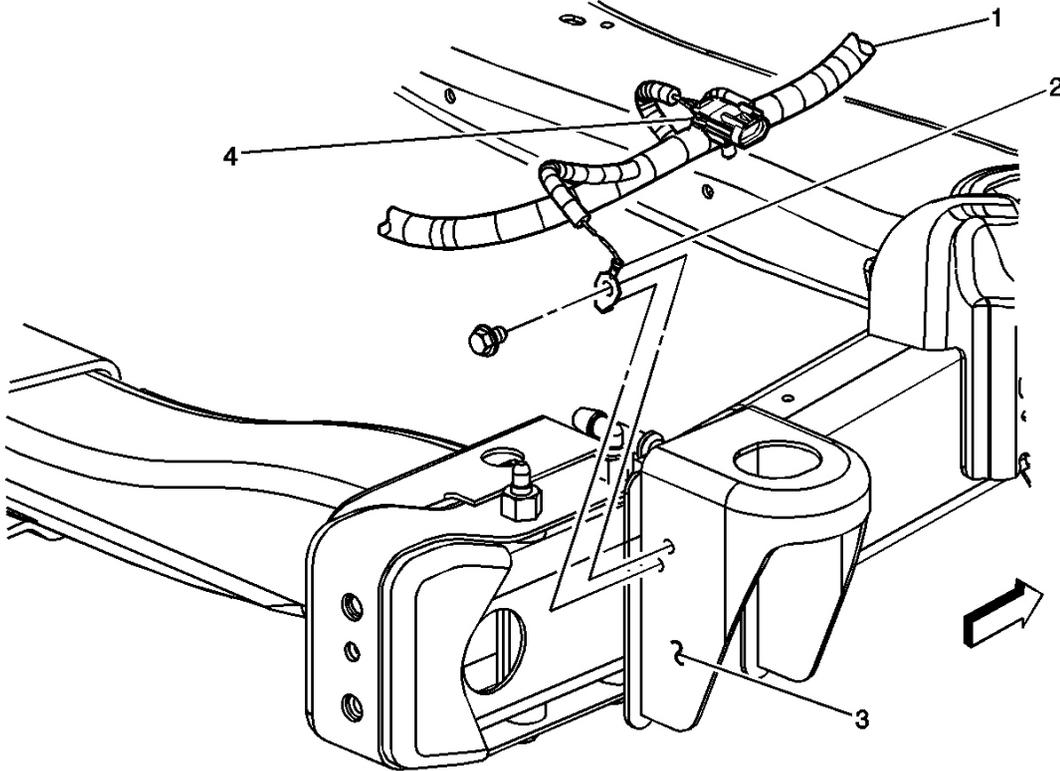


Fig. 26: G405 Component View
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 26

Callout	Component Name
1	Chassis Harness
2	G405
3	Body Mount - RH
4	Air Suspension Inflator Switch Connector

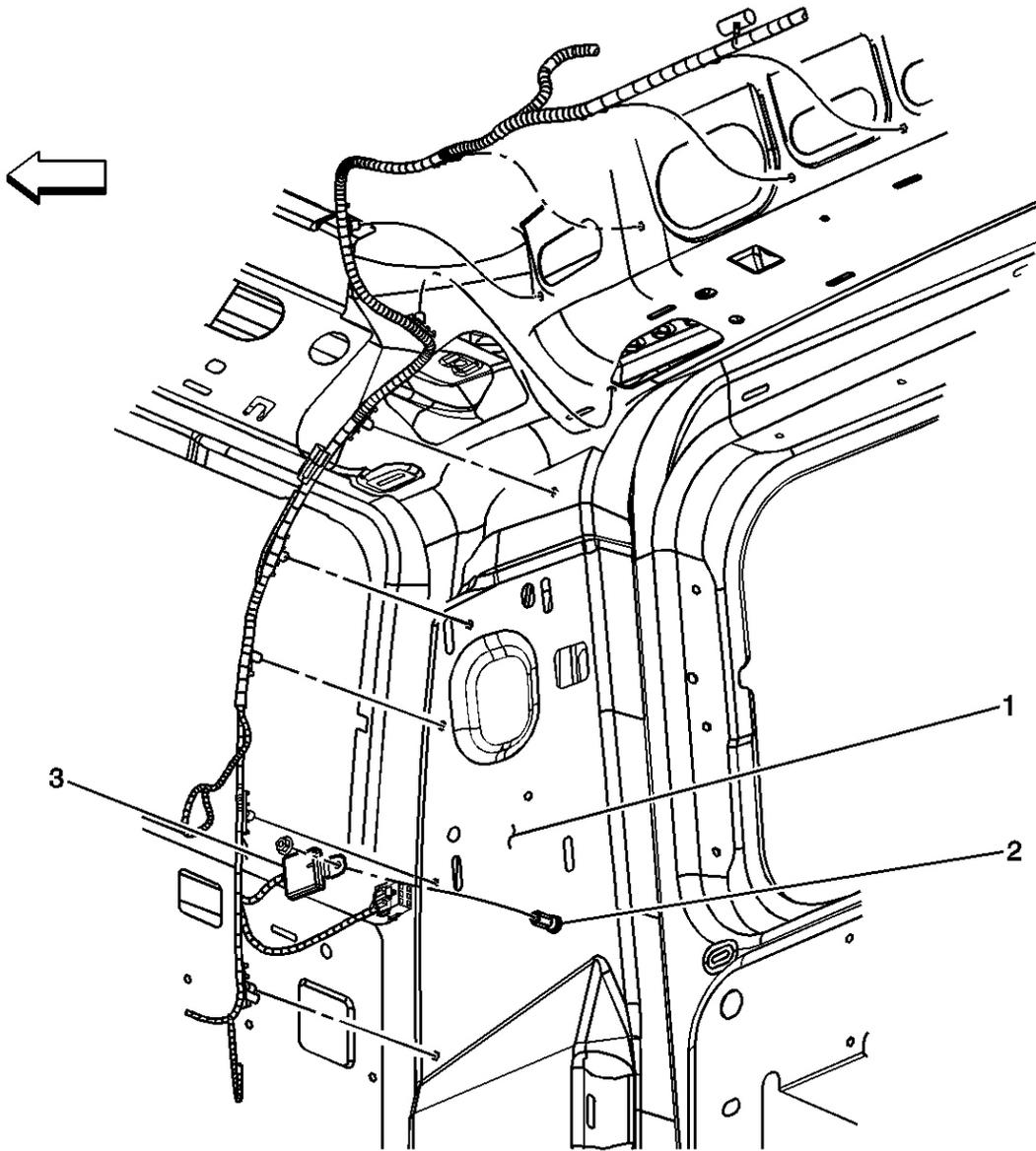


Fig. 27: G410 and SP410 Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 27

Callout	Component Name
1	Inner Side Panel - RH
2	G410
3	SP410

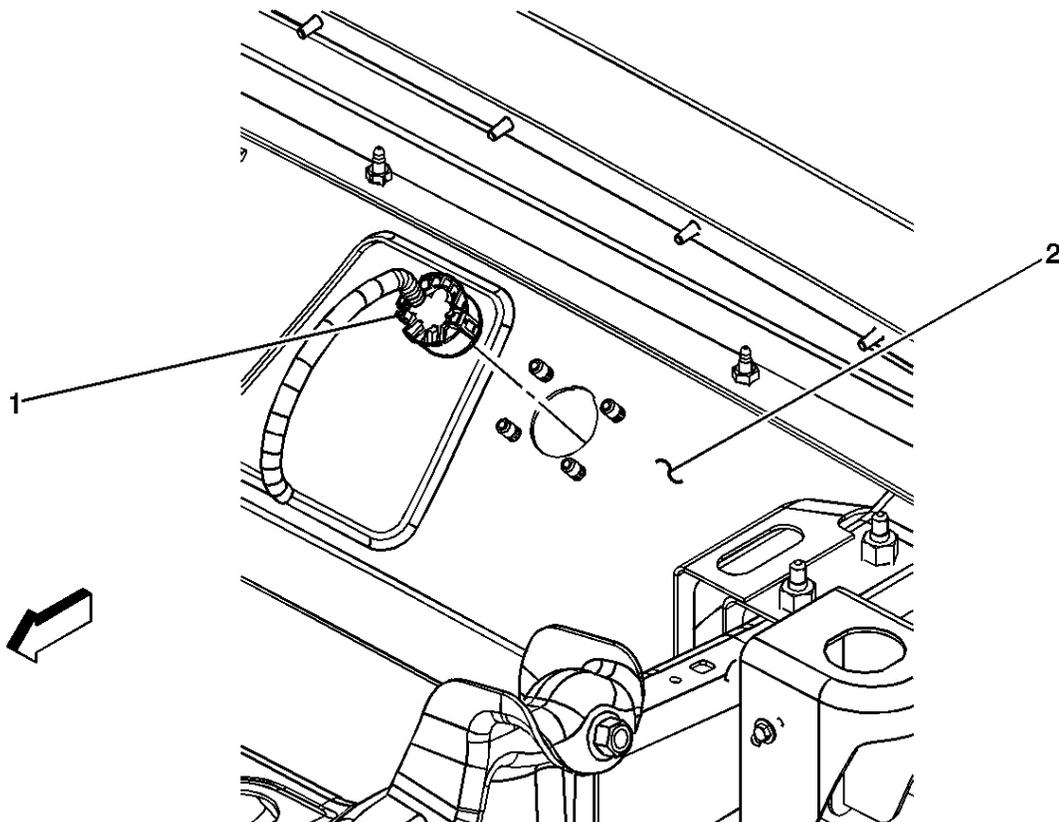


Fig. 28: Trailer Receptacle Component Views
 Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 28

Callout	Component Name
1	Trailer Receptacle
2	Rear Bumper Fascia

ELECTRICAL CENTER IDENTIFICATION VIEWS

Fuse Block - Underhood Label

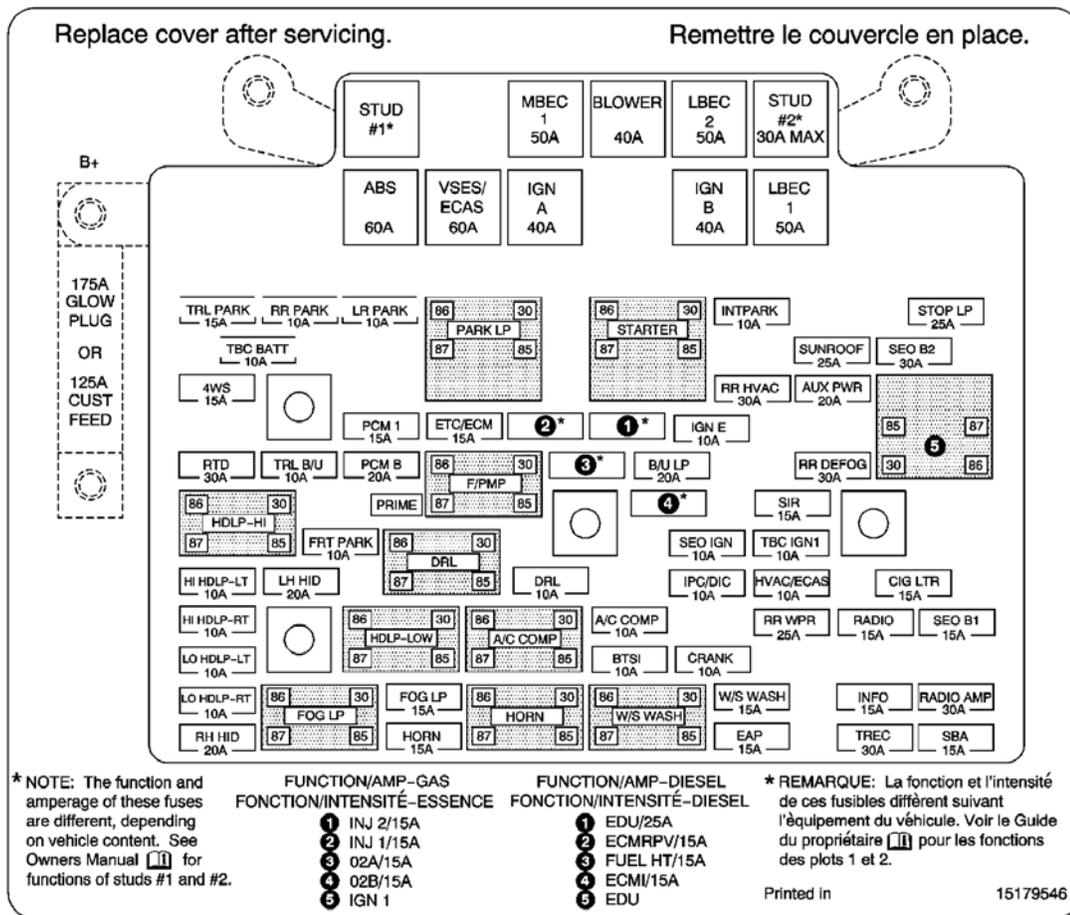


Fig. 29: Fuse Block - Underhood Label
 Courtesy of GENERAL MOTORS CORP.

Fuse Block - Underhood Label Usage

Fuse	Rating	Description
STUD 1 Fuse	40A	Trailer Wiring
MBEC Fuse	50A	SEAT CB, RT DOOR CB
BLOWER Fuse	40A	HVAC Blower Motor - High Speed
LBEC 2 Fuse	50A	LOCKS Fuse, DDM Fuse, PDM Fuse, AUX PWR 2 Fuse
STUD 2 Fuse	30A	Trailer Wiring, Off Road Lamps
ABS Fuse	60A	Electronic Brake Control Module (EBCM)
VSES/ECAS Fuse	60A	ECAS Relay
IGN A Fuse	40A	Ignition Switch RUN, START, RUN/START/ACCY, STARTER Relay
IGN B Fuse	40A	Ignition Switch RUN/ACC, RUN/START
LBEC 1 Fuse	50A	FLASH Fuse, TBC 2A Fuse, TBC 2B Fuse, TBC 2C Fuse, LT DOORS Fuse
TRL PARK		

Fuse	15A	Trailer Wiring
RR PARK Fuse	10A	Tail/Stop Lamp - Right, License Lamp - Right, Side Marker Lamp - Right Rear
LR PARK Fuse	10A	Tail/Stop Lamp - Left, License Lamp - Left, Side Marker Lamp - Left Rear
INT PARK RF Fuse	10A	SIR Defeat Switch, Clearance Lamps, Marker Lamps, Trailer Jumper
STOP LP Fuse	25A	Stop Lamp Switch
TBC BATT Fuse	10A	BCM
PARK LP Relay	-	TRLR PARK Fuse, LR PARK Fuse, RR PARK Fuse, F PARK Fuse, MARKER LP Fuse
STARTER Relay	-	Starter
SUNROOF Fuse	25A	Sunroof Relay
SEO B2 Fuse	30A	Electronic Brake Control Module (EBCM)
4WS Fuse	15A	EVAP Canister Vent Solenoid
RR HVAC	30A	Rear HVAC Module - w/C69
AUX PWR 1 Fuse	20A	Accessory Outlets - Console
PCM 1 Fuse	15A	Evaporative Emission (EVAP) Canister Purge Solenoid, Powertrain Control Module (PCM), Mass Air Flow (MAF) Sensor/Intake Air Temperature (IAT) Sensor
ETC/ECM Fuse	15A	Throttle Actuator Control (TAC), Electronic Brake Control Module (EBCM)
INJ 1 Fuse	15A	Odd Ignition Coils, Odd Fuel Injectors
INJ 2 Fuse	15A	Even Ignition Coils, Even Fuel Injectors
IGN E Fuse	10A	A/C Compressor Relay, I/P Cluster, Turn/Hazard Switch
RTD Fuse	30A	Not Used
TRL B/U Fuse	10A	BCM Module, Trailer Connector
PCM B Fuse	20A	Fuel Pump Relay, PCM
F/PMP Relay	-	Fuel Pump
O2 Sensor A Fuse	15A	Heated Oxygen Sensors - Left/Right - Before Catalytic Converter
B/U LP Fuse	20A	Park/Neutral Position Switch (PNP)
RR DEFOG Fuse	30A	DEFOG Relay
HDLP-HI Relay	-	High Beam - Left, High Beam - Right
O2 B Fuse	15A	Heated Oxygen Sensors - Left/Right - After Catalytic Converter
SIR Fuse	15A	Inflatable Restraint I/P Module Disable Switch, Inflatable Restraint Sensing and Diagnostic Module (SDM)
FRT PARK Fuse	10A	LF/RF Park/Turn Lamps, LF/RF Side Marker Lamps
SEO IGN Fuse	10A	Rear Defogger Relay

TBC IGN 1 Fuse	10A	Body Control Module (BCM)
HI HDLP - LT Fuse	10A	Headlamp - High Beam - Left
LH HID Fuse	20A	Not Used
DRL Relay	-	DRL - Left, DRL - Right
DRL Fuse	10A	Daytime Running Lamps (DRL) Relay
IPC/DIC Fuse	10A	Instrument Panel Cluster (IPC)
HVAC/ECAS Fuse	10A	HVAC Control Module, Air Suspension Module
CIG LTR Fuse	15A	Cigar Lighter, Data Link Connector (DLC)
HI HDLP RT Fuse	10A	Highbeam Headlamp - Right
HDLP-LOW Relay	-	Headlamp - Low Beam - Left, Headlamp - Low Beam - Right
A/C COMP Relay	-	A/C Compressor Clutch Assembly
A/C COMP Fuse	10A	A/C Compressor Clutch Relay
RR WPR	25A	Rear Window Wiper Motor
RADIO Fuse	15A	Radio, Rear Seat Audio (RSA)
SEO B1 Fuse	15A	Heated Seat Module - LR/RR, Garage Door Opener
LO HDLP - LT Fuse	10A	Headlamp - Low Beam - Left
BTSI Fuse	10A	Stoplamp Switch, Floor Shifter Shift Lock Control Solenoid
CRANK Fuse	10A	Ignition Switch, PCM Module
LO HDLP - RT Fuse	10A	Headlamp - Low Beam - Right
FOG LP Relay	-	Not Used
FOG LP Fuse	15A	Not Used
HORN Relay	-	Horn - Low Note, Horn - High Note
W/S WASH Relay	-	Front Windshield Washer Motor and Module
W/S WASH Fuse	15A	W/S WASH Relay, Front Windshield Washer Motor and Module
INFO Fuse	15A	Vehicle Communication Interface Module (VCIM)
RADIO AMP Fuse	30A	Radio Amplifier
RH HID Fuse	20A	Not Used
HORN Fuse	15A	Horn - High/Low Note
EAP Fuse	15A	Not Used
TREC Fuse	30A	Transfer Case Control Module

Fuse Block - Underhood Top View

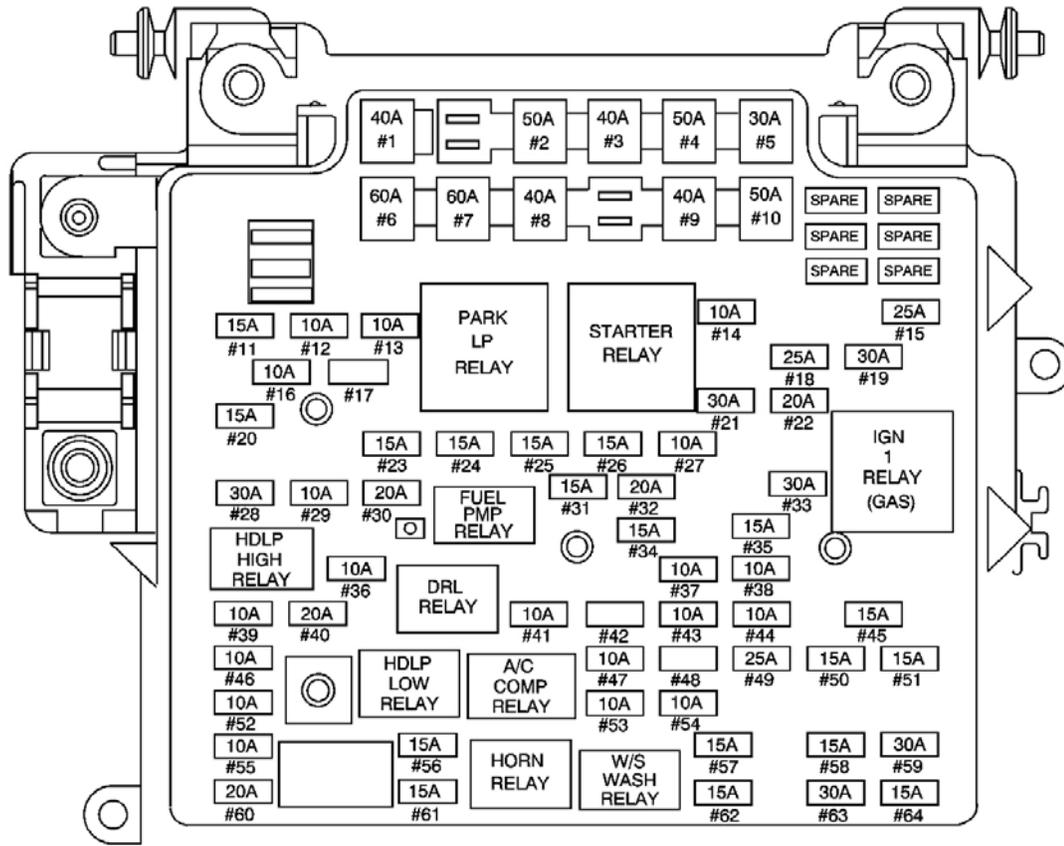


Fig. 30: Fuse Block - Underhood Top View
 Courtesy of GENERAL MOTORS CORP.

Fuse Block - Underhood Bottom View

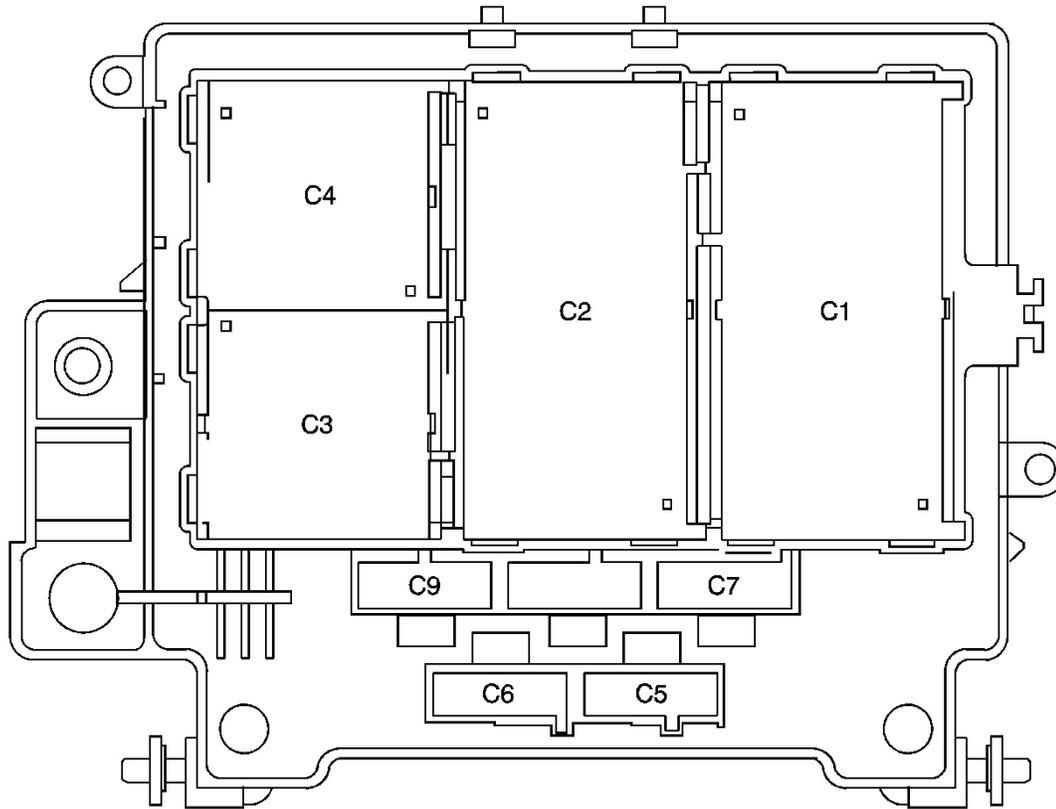
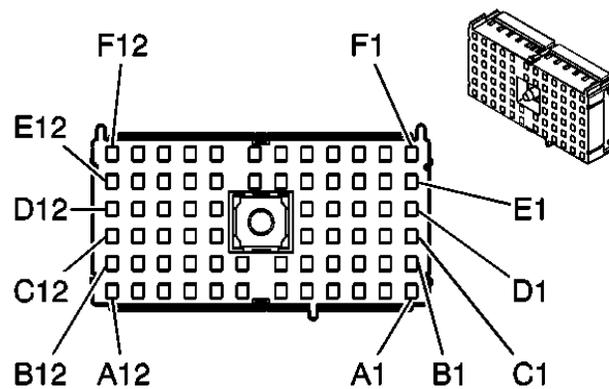


Fig. 31: Fuse Block - Underhood Bottom View
 Courtesy of GENERAL MOTORS CORP.

Fuse Block Terminal Identification - Underhood C1



Connector Part

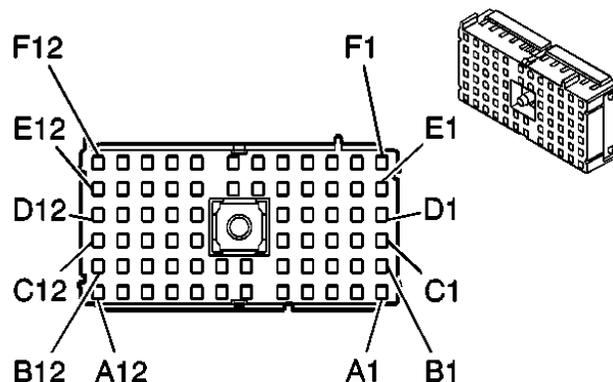
• 12193905

Information		● 68-Way F Metri-Pack 280 Series Flexlock (GY)	
Pin	Wire Color	Circuit No.	Function
A1-A2	-	-	Not Used
A3	YE	5	Crank Voltage
A4	OG	2040	Battery Positive Voltage
A5	OG	4340	Battery Positive Voltage - HVAC Control Module
	OG	4340	Battery Positive Voltage - Air Suspension Control Module (w/ZM6)
A6	PK	39	Ignition 1 Voltage
A7	YE	1139	Ignition 1 Voltage - Inflatable Restraint I/P Module Disable Switch
	YE	1139	Ignition 1 Voltage - SDM Module
A8	L-GN/BK	584	Park Lock Solenoid Supply Voltage
	L-GN/BK	584	A/T Shift Lock Control Switch Supply Voltage
A9	PK	3	Ignition 1 Voltage
A10	OG	1740	Battery Positive Voltage (w/C69)
A11	-	-	Not Used
A12	BN	2409	Interior Park Lamps Supply Voltage - Inflatable Restraint I/P Module Disable Switch
	BN	2409	Interior Park Lamps Supply Voltage - Marker/Clearance Lamps
B1	-	-	Not Used
B2	OG	2268	Windshield Washer Relay Control
B3-B7	-	-	Not Used
B8	OG	1840	Battery Positive Voltage
B9	BK/WH	1969	Headlamp Relay Control/Headlamp High Beam Relay Control
B10	-	-	Not Used
B11	OG	3840	Battery Positive Voltage
B12	RD	142	Battery Positive Voltage
C1	OG	1640	Battery Positive Voltage
C2	OG	3240	Battery Positive Voltage - OnStar(R) Module (w/o UE4)
	OG	3240	Battery Positive Voltage - OnStar(R) Module (w/o UE4)
C3	BK	28	Horn Relay Control - BCM
	BK	28	Horn Relay Control - Turn Signal/Multifunction Switch
C4-C8	-	-	Not Used
C9	PK	1020	Off/Run/Crank Voltage - Park Switch
	PK	1020	Off/Run/Crank Voltage - Fuse Block I/P
C10	OG	1040	Battery Positive Voltage
C11	-	-	Not Used
C12	PU	420	TCC Brake Switch/Cruise Control Release Signal
D1-D2	-	-	Not Used
D3	PK/WH	1970	Headlamp Low Beam Relay Control

D4	OG	340	Battery Positive Voltage - Radio
	OG	340	Battery Positive Voltage - RSA Controller
D5	OG	640	Battery Positive Voltage - Cigar Lighter
	OG	640	Battery Positive Voltage - DLC Connector
D8-D9	-	-	Not Used
D10	PK	639	Ignition 1 Voltage - Traction Control Switch
	PK	639	Ignition 1 Voltage - Turn Hazard Switch
D11	-	-	Not Used
D12	OG	1140	Battery Positive Voltage
E1-E2	-	-	Not Used
E3	L-GN/BK	592	DRL Relay Control
E4	OG	4540	Battery Positive Voltage
E5-E6	-	-	Not Used
E7	L-BU	1320	CHMSL Supply Voltage/Stop Lamp Supply Voltage
E8-E9	-	-	Not Used
E10	D-BU	2115	Right Turn Signal Lamps Supply Voltage
E11	OG	2340	Battery Positive Voltage
E12	-	-	Not Used
F1	-	-	Not Used
F2	OG	3740	Battery Positive Voltage
F3	L-BU	2114	Left Turn Signal Lamps Supply Voltage
F4	-	-	Not Used
F5	PK	739	Ignition 1 Voltage
F6	PK	639	Ignition 1 Voltage
F7	OG	2840	Battery Positive Voltage
F8-F9	-	-	Not Used
F10	GY	1524	Backup Lamp Supply Voltage
F11	WH	1080	Park Lamp Relay Control
F12	OG	1540	Battery Positive Voltage

Fuse Block Terminal Identification - Underhood C2

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Connector Part Information

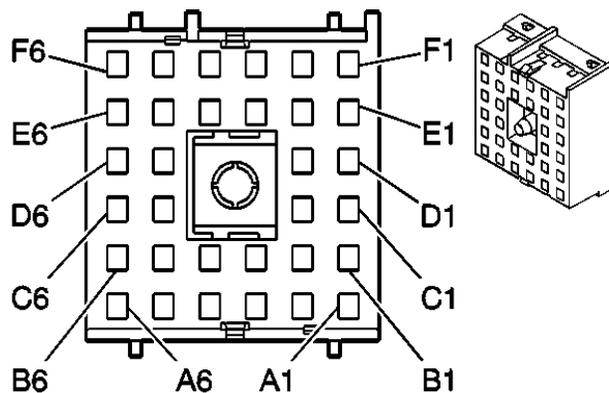
- 12193906
- 68-Way F Metri-Pack 280 Series (BK)

Pin	Wire Color	Circuit No.	Function
A1-A2	-	-	Not Used
A3	D-GN	59	A/C Compressor Clutch Supply Voltage
A4-A6	-	-	Not Used
A7	D-GN/WH	465	Fuel Pump Relay Control - Primary
A8	OG	440	Battery Positive Voltage
A9	PK	1339	Ignition 1 Voltage - TAC Assembly
	PK	1339	Ignition 1 Voltage - EBCM Module
A10	L-BU	1320	CHMSL Supply Voltage/Stop Lamp Supply Voltage
A11	GY	1524	Trailer Backup Lamp Supply Voltage
A12	PK	439	Ignition 1 Voltage - EVAP Purge Solenoid
	PK	439	Ignition 1 Voltage - PCM Module
B1-B6	-	-	Not Used
B7	BK	550	Ground
B8	OG	440	Battery Positive Voltage
B9	PK	1039	Ignition 1 Voltage
B10	PK	439	Ignition 1 Voltage
B11-B12	-	-	Not Used
C1-C2	-	-	Not Used
C3	D-GN/WH	459	A/C Compressor Clutch Relay Control
C4-C9	-	-	Not Used
C10	PK	1039	Ignition 1 Voltage - Fuel Injector 1
	PK	1039	Ignition 1 Voltage - Fuel Injector 3
C11	-	-	Not Used
C12	PU	420	TCC Brake Switch/Cruise Control Release Signal

D1-D2	-	-	Not Used
D3	L-GN	275	Park Neutral Position Switch Park Signal
D4-D5	-	-	Not Used
D8	PK	539	Ignition 1 Voltage - HO2S Bank 1 Sensor 2
	PK	539	Ignition 1 Voltage - HO2S Bank 2 Sensor 2
D9	PK	1239	Ignition 1 Voltage - Fuel Injector 2
	PK	1239	Ignition 1 Voltage - Fuel Injector 4
D10	PK	1039	Ignition 1 Voltage - Fuel Injector 5
	PK	1039	Ignition 1 Voltage - Fuel Injector 7
D11	PU	6	Starter Solenoid Crank Voltage
D12	YE/BK	625	Starter Enable Relay Control
E1-E5	-	-	Not Used
E6	PK	1239	Ignition 1 Voltage - Fuel Injector 6
	PK	1239	Ignition 1 Voltage - Fuel Injector 8
E7	PK	1539	Ignition 1 Voltage - HO2S Bank 1 Sensor 1
	PK	1539	Ignition 1 Voltage - HO2S Bank 2 Sensor 1
E8-E9	-	-	Not Used
E10	PK	1239	Ignition 1 Voltage
E11-E12	-	-	Not Used
F1-F2	-	-	Not Used
F3	PU	806	Crank Voltage
F4-F7	-	-	Not Used
F8	PK	839	Ignition 1 Voltage
F9	PK	639	Ignition 1 Voltage
F10	PK	1020	Off/Run/Crank Voltage - PCM Module
	PK	1020	Off/Run/Crank Voltage - Automatic Transmission
F11	D-GN	1433	Park/Neutral Start Switch Signal
F12	-	-	Not Used

Fuse Block Terminal Identification - Underhood C3

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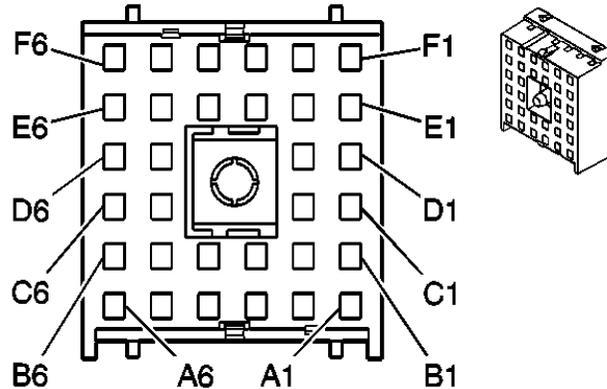
Connector Part Information

- 12193916
- 32-Way F Metri-Pack 280 Series (RD)

Pin	Wire Color	Circuit No.	Function
A1-A2	-	-	Not Used
A3	D-BU	2115	Right Turn Signal Lamps Supply Voltage
A4	OG	2640	Battery Positive Voltage
A5-A6	-	-	Not Used
B1-B2	-	-	Not Used
B3	L-BU	2114	Left Turn Signal Lamps Supply Voltage
B4	-	-	Not Used
B5	BK	-	Vent Tube
B6	BN	2109	Trailer Park Lamps Supply Voltage
C1	-	-	Not Used
C2	L-GN	1624	Trailer Backup Lamps Supply Voltage
C3-C5	-	-	Not Used
C6	BN/WH	2609	Right Rear Tail Lamp Supply Voltage
	BN/WH	2609	Right License/Side Marker Lamps Supply Voltage
D1-D6	-	-	Not Used
E1-E3	-	-	Not Used
E4	BK	550	Ground
E5-E6	-	-	Not Used
F1	GY	120	Fuel Pump Supply Voltage
F2-F3	-	-	Not Used
F4	L-BU	1320	CHMSL Supply Voltage/Stop Lamp Supply Voltage - EBCM
	L-BU	1320	CHMSL Supply Voltage/Stop Lamp Supply Voltage - Tail/Stop Lamps

F5	-	-	Not Used
F6	BN	2509	Left Rear Tail Lamp Supply Voltage
	BN	2509	Left Rear License/Side Marker Lamps Supply Voltage

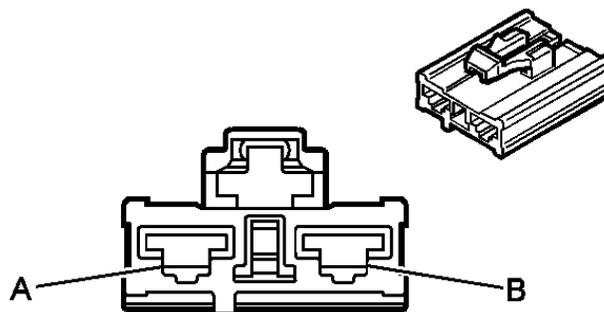
Fuse Block Terminal Identification - Underhood C4



Connector Part Information		<ul style="list-style-type: none"> • 12193914 • 32-Way F Metri-Pack 280 Series (GN) 	
Pin	Wire Color	Circuit No.	Function
A1-A2	-	-	Not Used
A3	D-BU	2115	Right Turn Signal Lamps Supply Voltage
	D-BU	2115	Right Front Marker Lamp Supply Voltage
A4	BK	550	Ground
A5	-	-	Not Used
A6	D-GN	1329	Left Horn Fuse Supply Voltage
	D-GN	1329	Right Horn Fuse Supply Voltage
B1	-	-	Not Used
B2	D-BU	545	DRL Supply Voltage - Left Lamp
	D-BU	545	DRL Supply Voltage - Right Lamp
B3-B6	-	-	Not Used
C1	BN	2309	Right Front Park Lamps Supply Voltage
	BN	2309	Right Front Side Marker Lamp Supply Voltage
C2	-	-	Not Used
C5	BN	2309	Left Front Park Lamp Supply Voltage
	BN	2309	Left Front Side Marker Lamp Supply Voltage
C6	D-GN/WH	266	Rear Window Washer Pump Supply Voltage
D1-D6	-	-	Not Used
E1	L-BU	2114	Left Turn Signal Lamps Supply Voltage

	L-BU	2114	Left Front Marker Lamp Supply Voltage
E2	D-GN/WH	711	Left Headlamp High Beam Supply Voltage
E3	L-GN/BK	311	Right Headlamp High Beam Supply Voltage
E4-E6	-	-	Not Used
F1-F3	-	-	Not Used
F4	YE	712	Left Headlamp Low Beam Supply Voltage
F5	TN/WH	312	Right Headlamp Low Beam Supply Voltage
F6	-	-	Not Used

Fuse Block Terminal Identification - Underhood C5

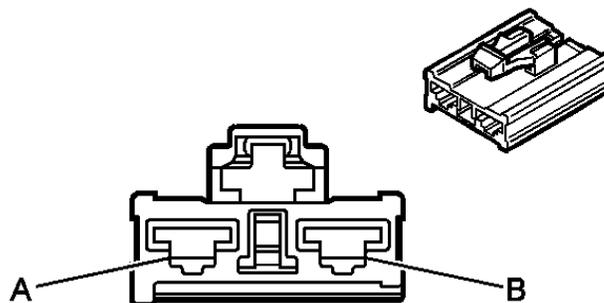


Connector Part Information

- 15393171
- 2-Way F J-Type (MD GY)

Pin	Wire Color	Circuit No.	Function
A	RD	842	Battery Positive Voltage
B	RD	542	Battery Positive Voltage

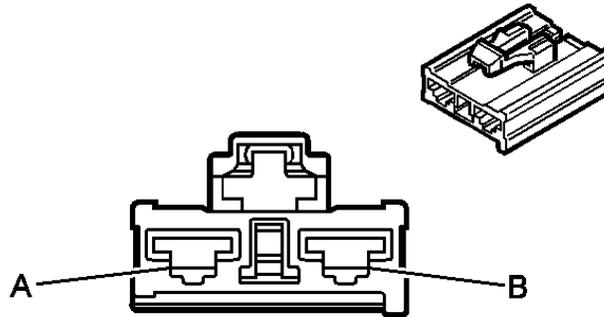
Fuse Block Terminal Identification - Underhood C6



- 15393172

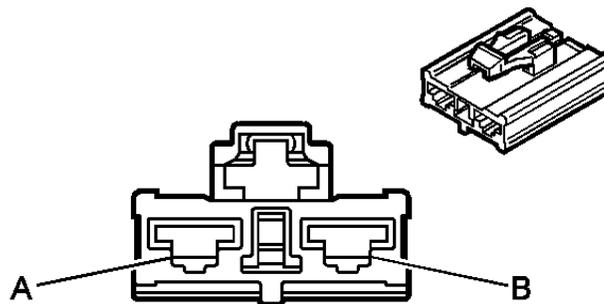
Connector Part Information		• 2-Way F J-Type (L-GN)	
Pin	Wire Color	Circuit No.	Function
A	RD	642	Battery Positive Voltage
B	-	-	Not Used

Fuse Block Terminal Identification - Underhood C7



Connector Part Information		• 15393168 • 2-Way F J-Type (BK)	
Pin	Wire Color	Circuit No.	Function
A	RD	342	Battery Positive Voltage
B	RD	42	Battery Positive Voltage

Fuse Block Terminal Identification - Underhood C9



Connector Part Information		• 15393170 • 2-Way F J-Type (WH)	
Pin	Wire Color	Circuit No.	Function
A	RD	442	Battery Positive Voltage

Fuse Block - I/P Label

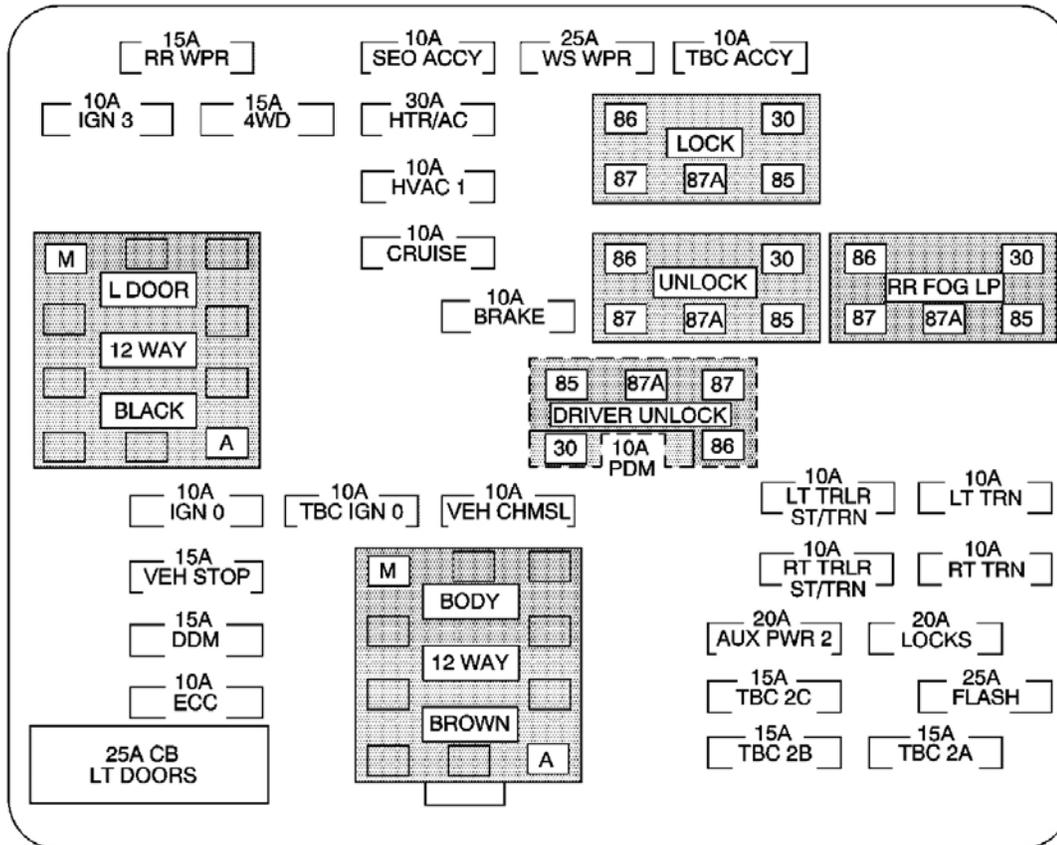


Fig. 32: Fuse Block - I/P Label

Courtesy of GENERAL MOTORS CORP.

Fuse Block - I/P Identification

Fuse	Rating	Description
RR WPR Fuse	15A	Rear Window Wiper/Washer Switch
SEO ACCY Fuse	10A	Body Builder Provision
WS WPR Fuse	25A	Windshield Wiper Motor and Module
TBC ACCY Fuse	10A	Body Control Module (BCM)
IGN 3 Fuse	10A	Heated Seat Module - LR/RR
4WD Fuse	15A	Air Suspension Module, Ride Height Switch, Transfer Case Shift Control Switch
HTR A/C Fuse	30A	Not Used
LOCK Relay	-	Door Lock Actuator - Liftgate, Door Latch Assembly - LR, Door Latch

		Assembly - RR
HVAC 1 Fuse	10A	HVAC Control Module, HVAC Actuators, Inside Rearview Mirror
L DOOR	-	Fuse Block - I/P C4 (Driver Door Harness)
CRUISE Fuse	10A	Cruise Control Switch
UNLOCK Relay	-	Door Lock Actuator - Liftgate, Door Latch Assembly - LR, Door Latch Assembly - RR
RR FOG LP Relay	-	Not Used
BRAKE Fuse	10A	Stop Lamp Switch
DRIVER UNLOCK Relay	-	Not Used
PDM Fuse	10A	Front Passenger Door Module (FPDM)
IGN O Fuse	10A	Automatic Transmission, Powertrain Control Module (PCM), Shift Lock Control Keylock Solenoid
TBC IGN O Fuse	10A	Body Control Module (BCM)
VEH CHMSL Fuse	10A	CHMSL Stop Lamp, Trailer Wiring Provisions
LT TRLR ST/TRN Fuse	10A	Trailer Wiring Provisions
LT TRN Fuse	10A	Instrument Panel Cluster (IPC), Side Marker Lamps - LF/LR, Turn Signal Lamp - LR, Turn/Park Lamp - LF
VEH STOP Fuse	15A	Turn Signal/Hazard Flasher Module, VEH CHMSL Fuse
BODY	-	Relay Block - Body C3 (Body Harness)
RT TRLR ST/TRN Fuse	10A	Trailer Wiring Provisions
RT TRN Fuse	10A	Instrument Panel Cluster (IPC), Side Marker Lamps - RF/RR, Turn Signal Lamp - RR, Turn/Park Lamp - RF
DDM Fuse	15A	Driver Door Module (DDM)
AUX PWR 2 Fuse	20A	I/P Accessory Power Outlets, Accessory Power Outlet - Rear
LOCKS Fuse	20A	Door Lock/Unlock Relay
ECC Fuse	10A	Liftgate Door Lock Relay
TBC 2C Fuse	15A	Body Control Module (BCM)
FLASH Fuse	25A	Turn Signal/Hazard Flasher Module
LT DOORS CB	25A	Window Switch - LR, Driver Door Module (DDM)
TBC 2B Fuse	15A	Body Control Module (BCM)
TBC 2A Fuse	15A	Body Control Module (BCM)

Fuse Block - I/P Top View

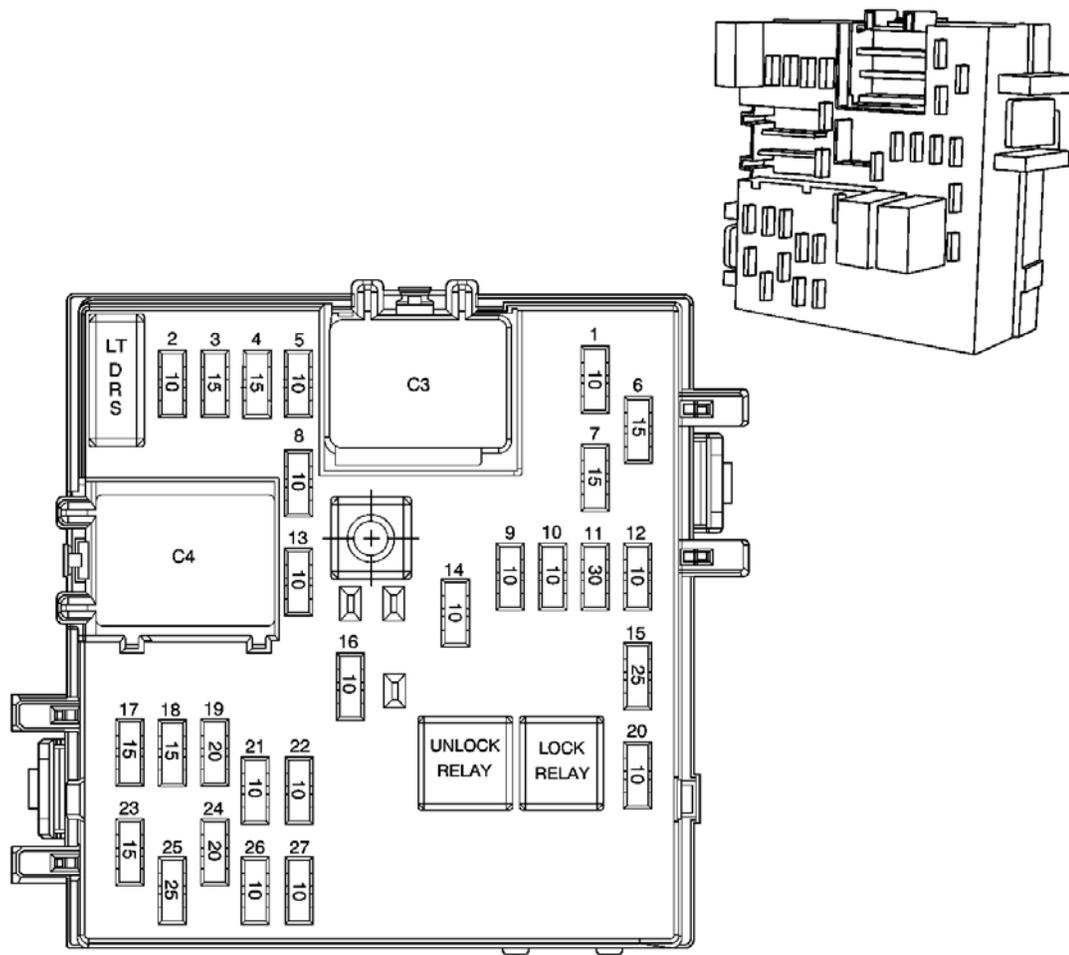


Fig. 33: Fuse Block - I/P Top View
 Courtesy of GENERAL MOTORS CORP.

Fuse Block - I/P Bottom View

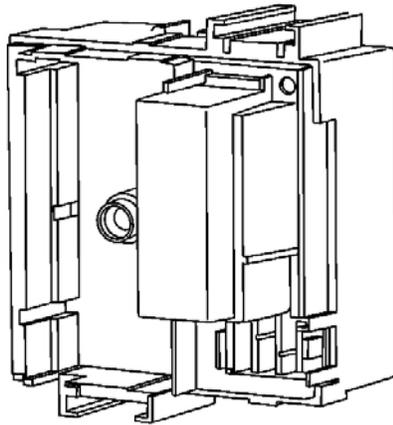
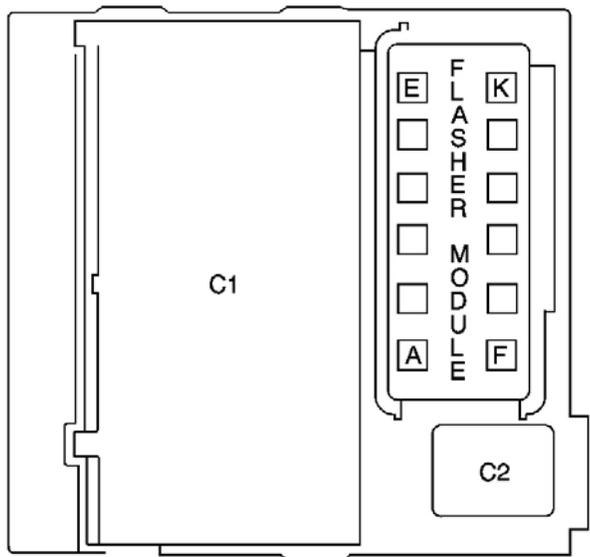
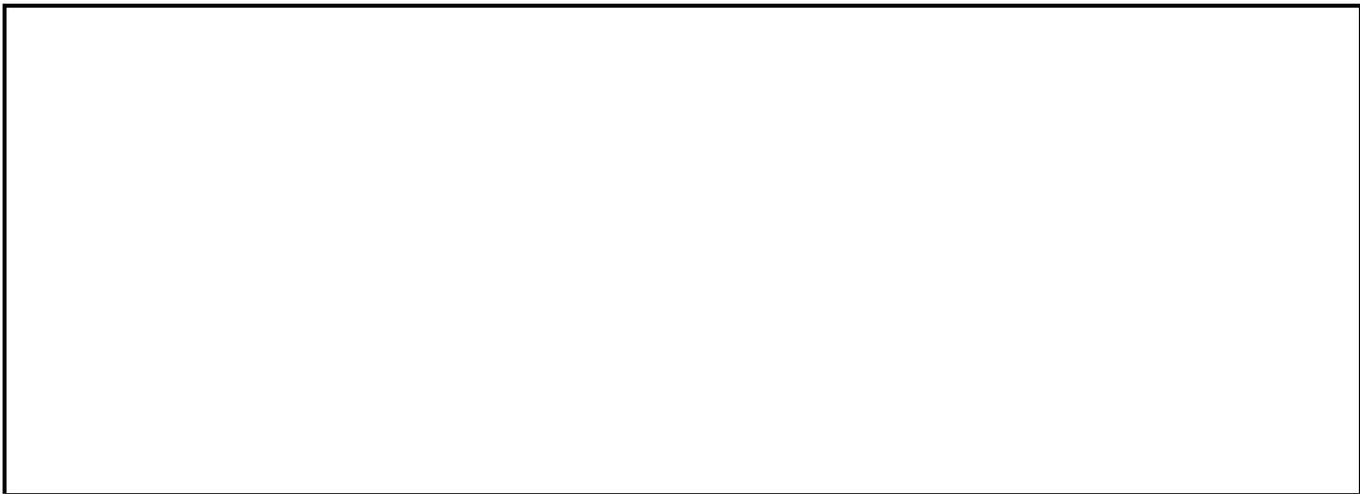
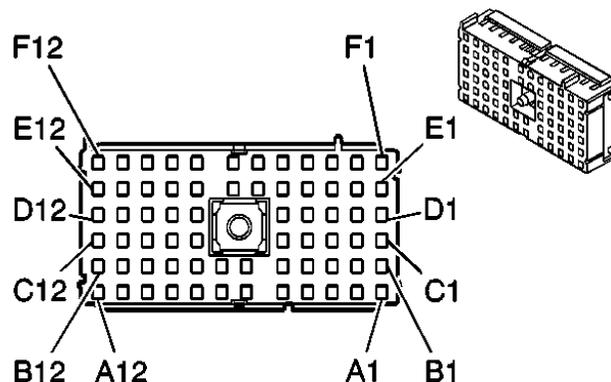


Fig. 34: Fuse Block - I/P Bottom View
Courtesy of GENERAL MOTORS CORP.

Fuse Block Terminal Identification - I/P C1



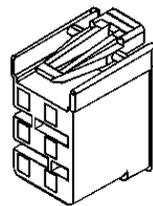
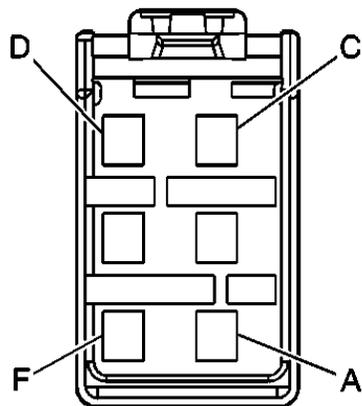


Connector Part Information		<ul style="list-style-type: none"> • 12193906 • 68-Way F Metri-Pack 280 Series (BK) 	
Pin	Wire Color	Circuit No.	Function
A1	-	-	Not Used
A2	GY/BK	255	Power Door Lock Fuse Supply Voltage
A3	-	-	Not Used
A4	TN/BK	254	Power Door Unlock Fuse Supply Voltage
A5-A6	-	-	Not Used
A7	OG	4240	Battery Positive Voltage
A8	YE	1618	Trailer Left Rear Turn/Stop Lamp Supply Voltage
A9	D-GN	1619	Trailer Right Rear Turn/Stop Lamp Supply Voltage
A10	OG	3040	Battery Positive Voltage
A11	D-BU	2115	Right Turn Signal Lamps Supply Voltage
A12	RD	42	Battery Positive Voltage
B1	YE	143	Accessory Voltage
B2	YE	43	Accessory Voltage
B3-B7	-	-	Not Used
B8	WH	17	Stop Lamp Switch Signal
B9-B11	-	-	Not Used
B12	OG	2140	Battery Positive Voltage
C1-C3	-	-	Not Used
C4	BN	41	Ignition 3 Voltage
C5	-	-	Not Used
C8	L-BU	1620	Trailer CHMSL Supply Voltage
D1	YE	243	Accessory Voltage
D2	-	-	Not Used
D3	BN	341	Ignition 3 Voltage

D5	BN	441	Ignition 3 Voltage
D8-D9	-	-	Not Used
D10	BK/WH	1851	Ground
D11-D12	-	-	Not Used
E1	BN	241	Ignition 3 Voltage - Air Suspension Control Switch (w/ZM6)
	BN	241	Ignition 3 Voltage - Air Suspension Control Module (w/ZM6)
E2	BN	241	Ignition 3 Voltage
E3	-	-	Not Used
E4	GY	118	Left Front Door Speaker Output (-)
	GY	118	Left Front Tweeter Speaker Output (-)
E5	BN	1046	DDM Class 2 Serial Data
E6	-	-	Not Used
E7	PK	1691	Automatic Day/Night Mirror Low Reference
E8	WH	530	Off/Run/Crank Voltage
E9	-	-	Not Used
E10	RD	842	Battery Positive Voltage
E11	OG	4040	Battery Positive Voltage
E12	OG	2240	Battery Positive Voltage
F1	YE	343	Accessory Voltage
F2	-	-	Not Used
F3	L-BU	2114	Left Turn Signal Lamps Supply Voltage
F4	GY	1690	Automatic Day/Night Mirror Signal
F5	TN	201	Left Front Door Speaker Output (+)
	TN	201	Left Front Tweeter Speaker Output (+)
F6	BK	1050	Ground
F7	-	-	Not Used
F8	PK	1020	Off/Run/Crank Voltage
F9	L-BU	1320	CHMSL Supply Voltage/Stop Lamp Supply Voltage
F10-F12	-	-	Not Used

Fuse Block Terminal Identification - I/P C2

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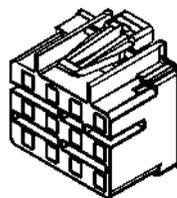
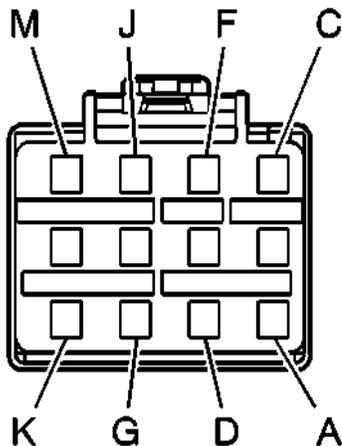


Connector Part Information

- 12193930
- 6-Way F Metri-Pack 280 Series Flexlock (BK)

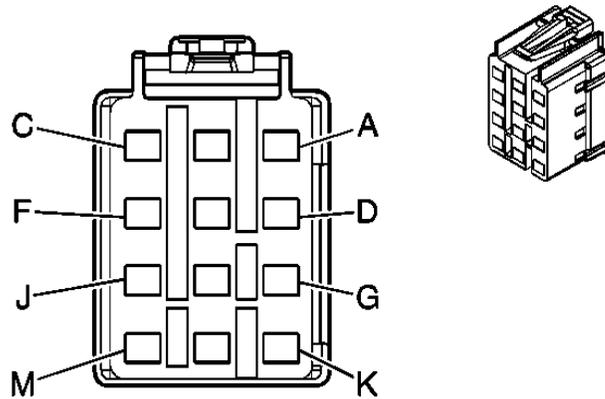
Pin	Wire Color	Circuit No.	Function
A	OG	300	Ignition 3 Voltage
B	L-GN	1427	Right Turn Signal Switch Signal
C	D-GN	1428	Left Turn Signal Switch Signal
D	WH	111	Hazard Switch Signal
E	WH	1390	Off/Run/Crank Voltage
F	BN	4	Accessory Voltage

Fuse Block Terminal Identification - I/P C3



Connector Part Information		<ul style="list-style-type: none"> • 12194035 • 12-Way F Metri-Pack 280 Series (BK) 	
Pin	Wire Color	Circuit No.	Function
A-B	-	-	Not Used
C	OG	1240	Battery Positive Voltage
D	BK	1050	Ground
E	-	-	Not Used
F	OG	4140	Battery Positive Voltage
G	TN	201	Left Front Speaker Output (+)
H	PK	1691	Automatic Day/Night Mirror Low Reference
J	BN	1046	DDM Class 2 Serial Data
K	GY	1690	Automatic Day/Night Mirror Signal
L	GY	118	Left Front Speaker Output (-)
M	-	-	Not Used

Fuse Block Terminal Identification - I/P C4



Connector Part Information		<ul style="list-style-type: none"> • 15328768 • 12-Way F Metri-Pack 280 Series Flexlock (BN) 	
Pin	Wire Color	Circuit No.	Function
A	-	-	Not Used
B	BN	541	Ignition 3 Voltage - Left Rear Heated Seats (w/KA7)
	BN	541	Ignition 3 Voltage - Right Rear Heated Seats (w/KA7)
C	-	-	Not Used
D	OG	3140	Battery Positive Voltage- - Lift Gate Door Lock Relay
	OG	3140	Battery Positive Voltage - Lift Gate Door Lock Relay
E	TN	294	Left Rear Door Lock Actuator Unlock Control

	TN	294	Right Rear Door Lock Actuator Unlock Control
F	TN	294	Door Lock Actuator Unlock Control
G	-	-	Not Used
H	L-BU	1620	Trailer CHMSL Supply Voltage
J	-	-	Not Used
K	GY	295	Left Rear Door Lock Actuator Lock Control
	GY	295	Right Rear Door Lock Actuator Lock Control
L	-	-	Not Used
M	OG	1240	Battery Positive Voltage

Relay Block - I/P Label

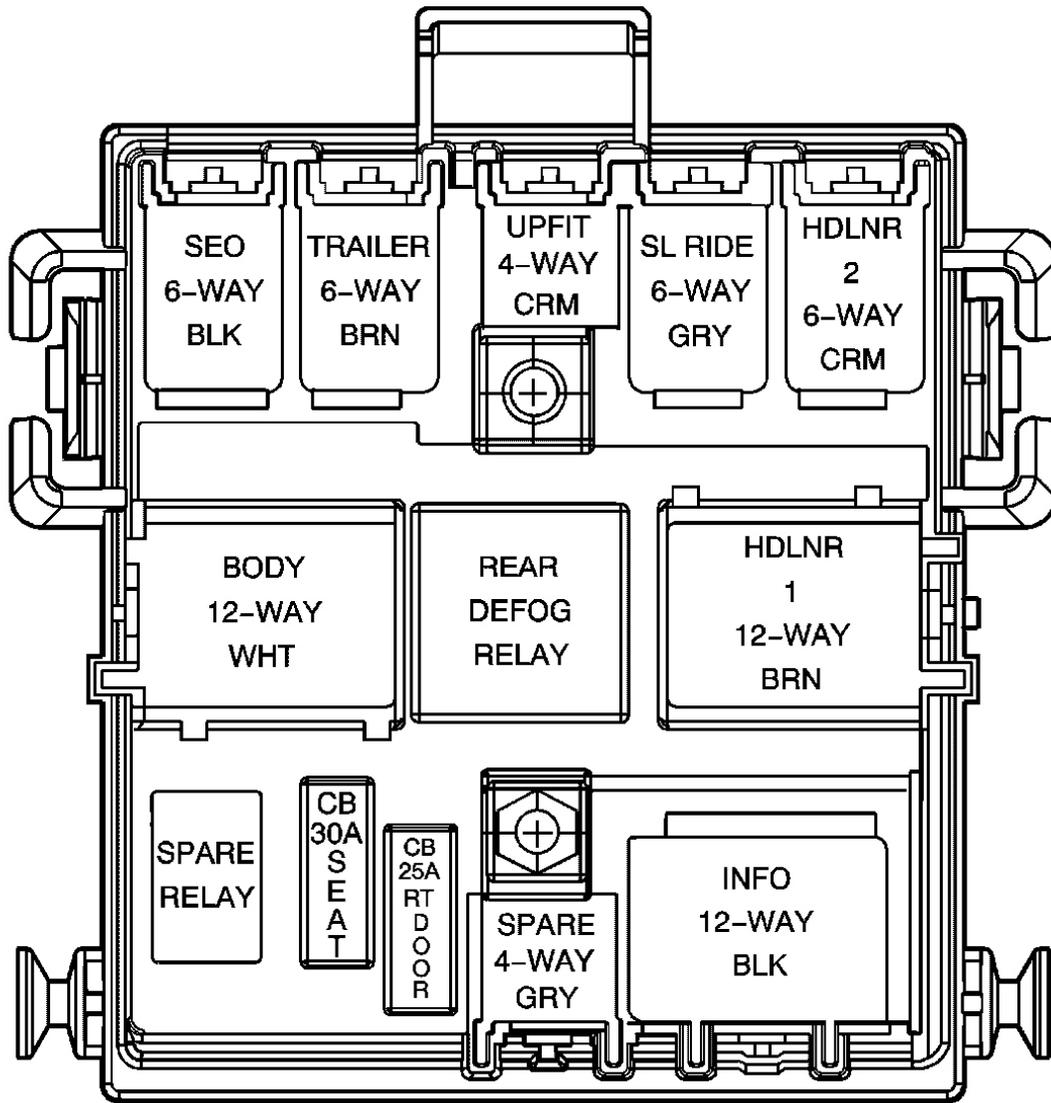


Fig. 35: Relay Block - I/P Label
 Courtesy of GENERAL MOTORS CORP.

Relay Block - I/P Label Usage

Fuse	Rating	Description
SEO 6-WAY BLK	-	Not Used
TRAILER 6-WAY BRN	-	Trailer Provisions or Off Road Lamps
UPFIT 4-WAY CRM	-	Upfitter Provisions

SL RIDE 6-WAY GRY	-	Not Used
HDLNR 2 6-WAY CRM	-	Air Temperature Assembly - Inside, Blower Motor Control Processor, HVAC Actuators, Inside Rearview Mirror
BODY 12-WAY WHT	-	B-Pillar Courtesy Lamps - LR/RR, Door Courtesy Lamps - LR/RR, Driver/Passenger Seat Module, Heated Seat Module - LR/RR, Rear Window Defogger Grid
REAR DEFOG RELAY	-	Rear Window Defogger Grid
HDLNR 1 6-WAY BRN	-	Courtesy/Reading Lamps - Left/Right Front, Courtesy Reading Lamps - Mid/Rear, Garage Door Opener, Inside Rearview Mirror, Vanity Mirror Lamps - Left/Right
SPARE RELAY	-	Not Used
CB SEAT	30A	Driver/Passenger Seat Modules
CB RT DOOR	25A	Front Passenger Door Module (FPDM), Window Switch - RR
SPARE 4-WAY GRY	-	Not Used
INFO 12-WAY BLK	-	Not Used

Relay Block - I/P Top View

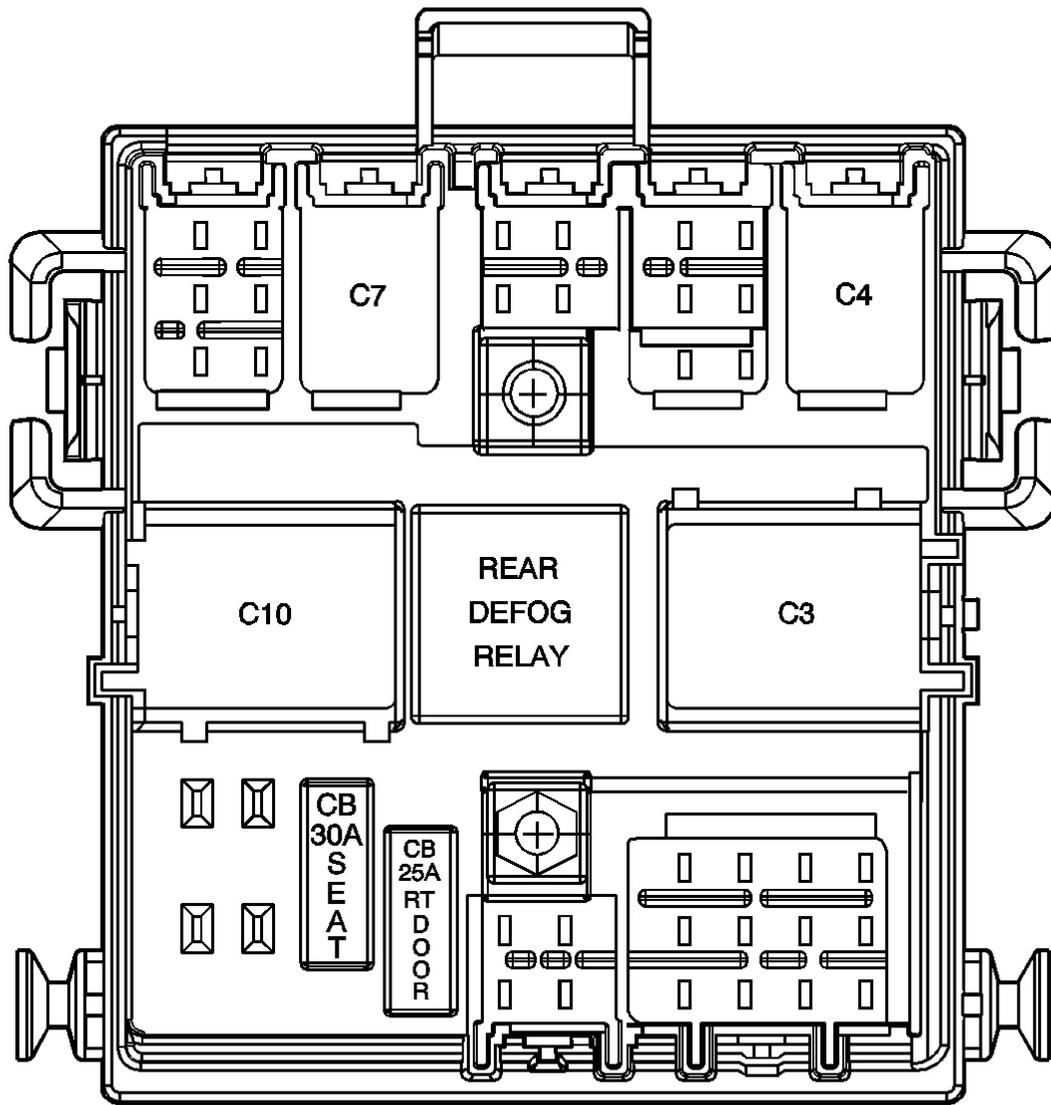


Fig. 36: Relay Block - I/P Top View
 Courtesy of GENERAL MOTORS CORP.

Relay Block - I/P Bottom View

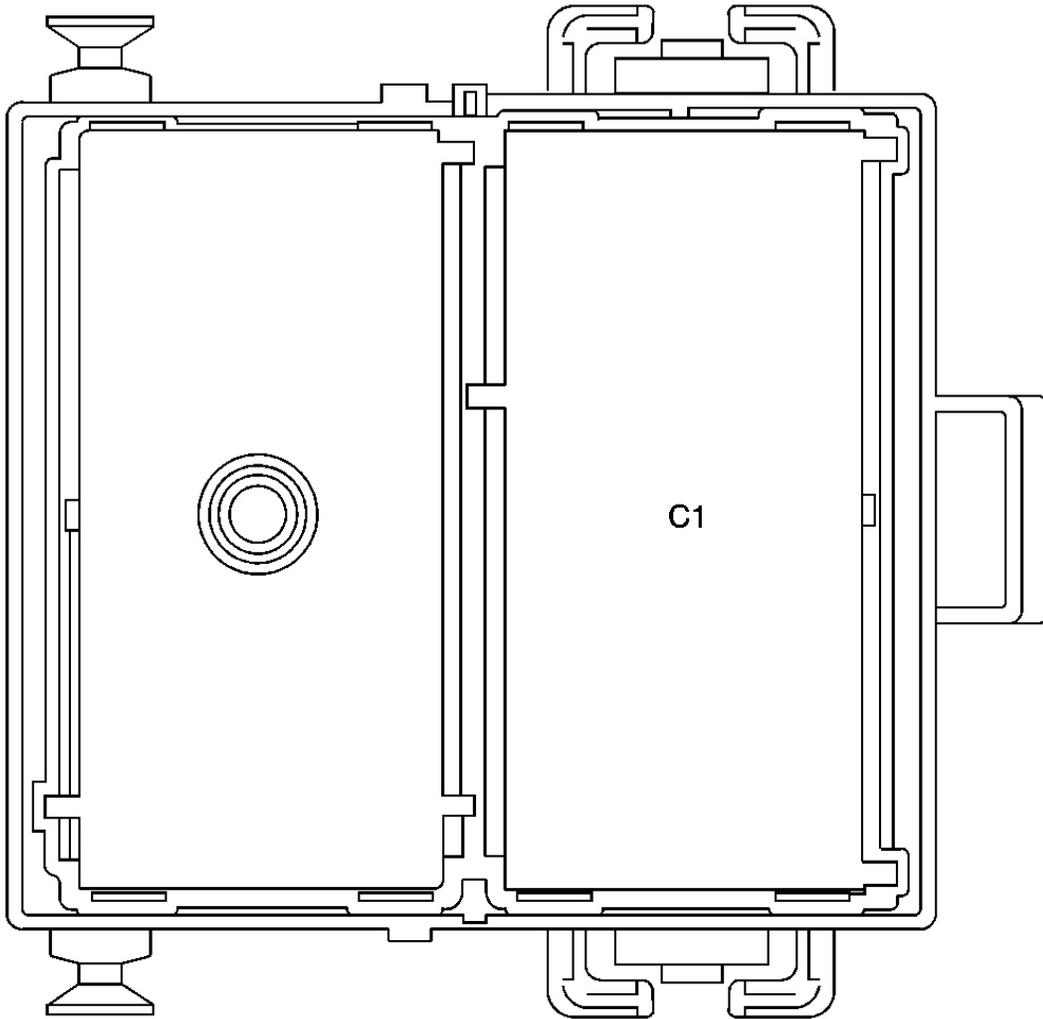
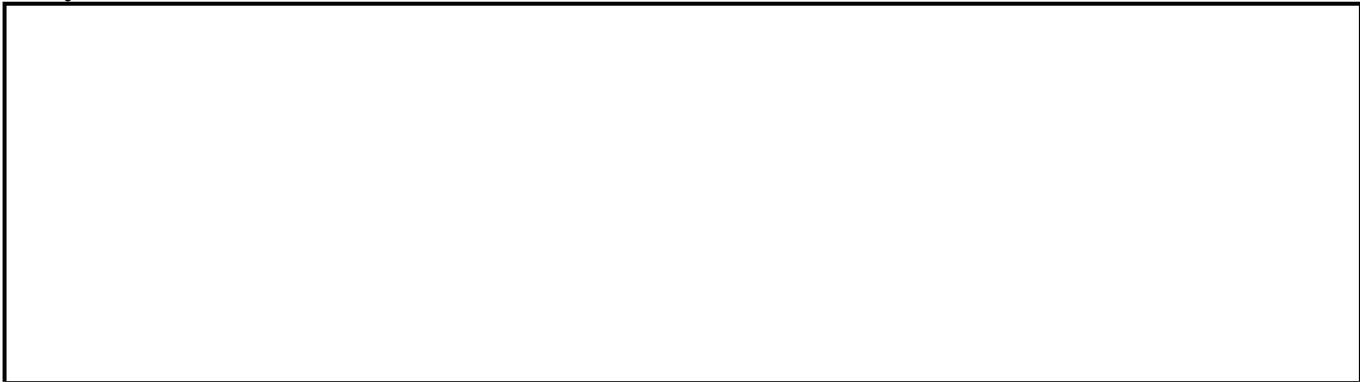
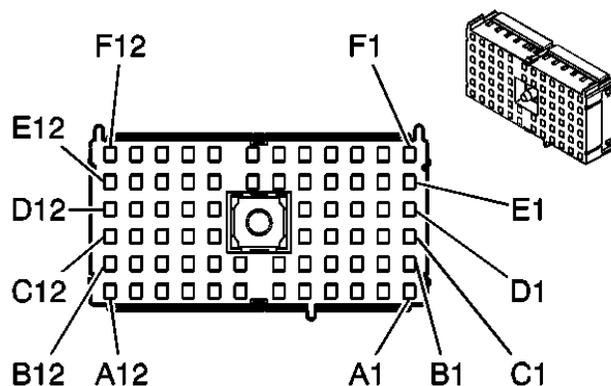


Fig. 37: Relay Block - I/P Bottom View
Courtesy of GENERAL MOTORS CORP.

Relay Block Terminal Identification - I/P C1



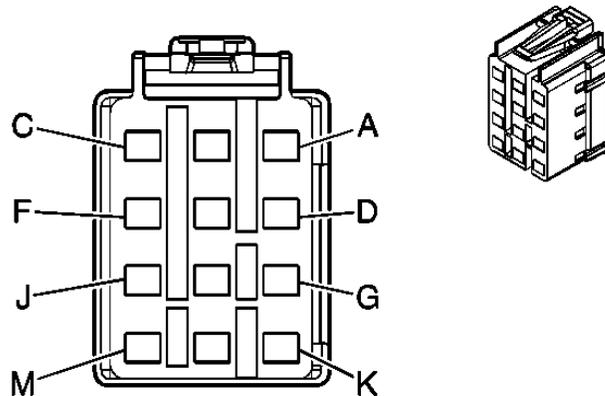


Connector Part Information		<ul style="list-style-type: none"> • 12193905 • 68-Way F Metri-Pack 280 Series Flexlock (GY) 	
Pin	Wire Color	Circuit No.	Function
A1	L-GN	24	Backup Lamp Supply Voltage - BCM
	L-GN	24	Backup Lamp Supply Voltage - Junction Block - Rear
A2	-	-	Not Used
A3	BK/WH	1704	Low Reference
A4	D-GN/WH	636	Ambient Air Temperature Sensor Signal
A5	BK/WH	1851	Ground - HVAC Control Module
	BK/WH	1851	Ground - Data Link Communications
A6	WH	193	Rear Defog Relay Control
A7	-	-	Not Used
A8	BN/WH	230	Instrument Panel Lamps Dimming Control
A9	BN	341	Ignition 3 Voltage
A10	D-GN/WH	817	Vehicle Speed Signal - Navigational Radio
A11	BN/WH	230	Instrument Panel Lamps Dimming Control - HVAC Control Module
	BN/WH	230	Instrument Panel Lamps Dimming Control - Headlamp Switch
A12	GY/BK	690	Courtesy Lamp Supply Voltage
B1-B2	-	-	Not Used
B3	BK/WH	1851	Ground (UB1/UC6 w/o UE4)
B4	-	-	Not Used
B5	BK/WH	1851	Ground
B6	OG	1840	Battery Positive Voltage
B7	RD	642	Battery Positive Voltage
B8	BN/WH	230	Instrument Panel Lamps Dimming Control
B9	D-GN/WH	817	Vehicle Speed Signal - Navigational Radio

B10	GY/BK	690	Courtesy Lamp Supply Voltage - Footwell Courtesy Lamp - Left (If Equipped)
	GY/BK	690	Courtesy Lamp Supply Voltage - Footwell Courtesy Lamp - Right (If Equipped)
B11-B12	-	-	Not Used
C1	-	-	Not Used
C2	BN/WH	230	Instrument Panel Lamps Dimming Control - Steering Wheel Controls
	BN/WH	230	Instrument Panel Lamps Dimming Control - Traction Control Switch
C3	BN/WH	230	Instrument Panel Lamps Dimming Control
C4	OG	1732	Inadvertent Load Control Courtesy Lamps Supply Voltage - I/P Compartment Lamp
	OG	1732	Inadvertent Load Control Courtesy Lamps Supply Voltage - Underhood Lamp
C5	BK/WH	1851	Ground - Rear Seat Audio
	BK/WH	1851	Ground - Headlamp Switch
C8	BN/WH	230	Instrument Panel Lamps Dimming Control - Transfer Case
	BN/WH	230	Instrument Panel Lamps Dimming Control - Ride Height Switch (w/ZM6)
C9	OG	1340	Battery Positive Voltage
C10	BN	2409	Interior Park Lamps Supply Voltage
C11-C12	-	-	Not Used
D1	WH/BK	5515	Inside Air Temperature Sensor Assembly Control
D2	BN/WH	230	Instrument Panel Lamps Dimming Control
D3	BN/WH	230	Instrument Panel Lamps Dimming Control
D4	OG	1732	Inadvertent Load Control Courtesy/Vanity/Reading Lamps Supply Voltage
D5	BK/WH	1851	Ground - I/PC
	BK/WH	1851	Ground - OnStar(R) Module
D8	BK/WH	1851	Ground
D9	BK	1050	Ground
D10	BN	2409	Interior Park Lamps Supply Voltage
D11-D12	-	-	Not Used
E1	BN	718	Low Reference
E2	PK	1691	Automatic Day/Night Mirror Low Reference
E3	-	-	Not Used
E4	PU/WH	1382	LED Dimming Signal - 4WD Indicator Switch
	PU/WH	1382	LED Dimming Signal - Ride Height Switch (w/ZM6)
E5	BK/WH	1851	Ground - Radio
	BK/WH	1851	Ground - Flasher Module
E6	D-GN/WH	817	Vehicle Speed Signal - Navigational Radio

E7	PU/WH	1382	LED Dimming Signal
E8	BK/WH	1851	Ground - BCM - C2
	BK/WH	1851	Ground - BCM - C3
E9	-	-	Not Used
E10	RD	242	Battery Positive Voltage
E11-E12	-	-	Not Used
F1	D-GN	734	Inside Air Temperature Sensor Signal
F2	GY	1690	Automatic Day/Night Mirror Signal
F3	PK	739	Ignition 1 Voltage
F4	-	-	Not Used
F5	BK/WH	1851	Ground
F6	PU/WH	1382	LED Dimming Signal - Headlamp Switch
	PU/WH	1382	LED Dimming Signal - BCM
F7	OG	4540	Battery Positive Voltage
F8	BK/WH	1851	Ground
F9	L-BU	1620	Trailer CHMSL Supply Voltage
F10	D-BU	47	Trailer Auxiliary Supply Voltage
F11	YE	243	Accessory Voltage
F12	-	-	Not Used

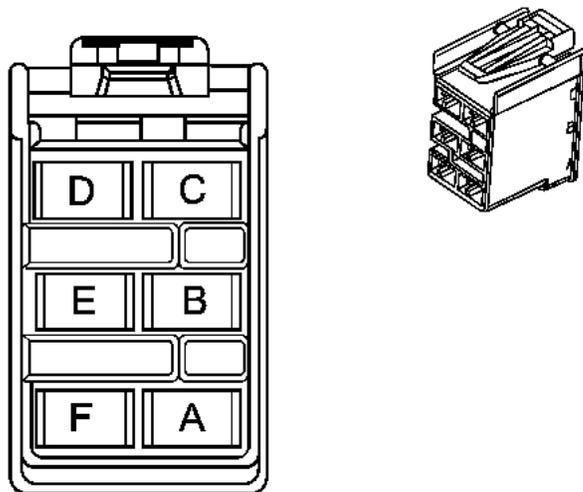
Relay Block Terminal Identification - I/P C3



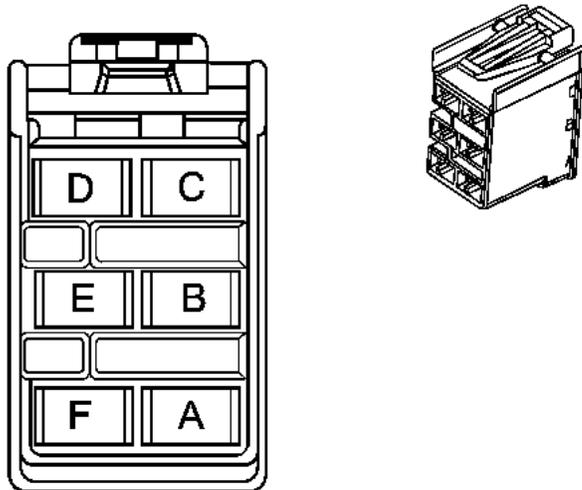
Connector Part Information		<ul style="list-style-type: none"> • 15328768 • 12-Way F Metri-Pack 280 Series Flexlock (BN) 	
Pin	Wire Color	Circuit No.	Function
A	L-GN	24	Backup Lamp Supply Voltage
B	OG	4540	Battery Positive Voltage

C	BK	1050	Ground
D	-	-	Not Used
E	BN	341	Ignition 3 Voltage
F	-	-	Not Used
G	BK/WH	1704	Low Reference
H-J	-	-	Not Used
K	D-GN/WH	636	Ambient Air Temperature Sensor Signal
L	GY/BK	690	Courtesy Lamp Supply Voltage
M	OG	1732	Inadvertent Load Control Courtesy/Vanity/Reading Lamps Supply Voltage

Relay Block Terminal Identification - I/P C4



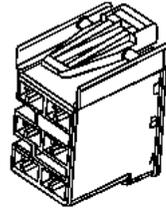
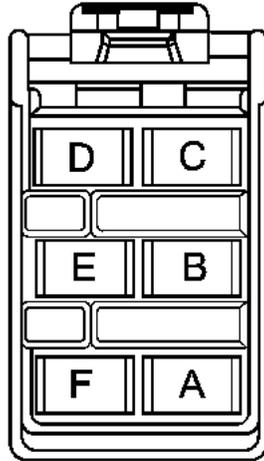
Connector Part Information		<ul style="list-style-type: none"> • 12193922 • 6-Way F Metri-Pack 280 Series Flexlock (CRM) 	
Pin	Wire Color	Circuit No.	Function
A	BN/WH	230	Instrument Panel Lamps Dimming Control - Sunroof Switch (w/CF5)
	BN/WH	230	Instrument Panel Lamps Dimming Control - Garage Door Opener
B	PK	1691	Automatic Day/Night Mirror Low Reference
C	GY	1690	Automatic Day/Night Mirror Signal
D	D-GN	734	Inside Air Temperature Sensor Signal
E	BN	718	Low Reference

Relay Block Terminal Identification - I/P C7 (H.D. Trailer Wiring)**Connector Part Information**

- 12193924
- 6-Way F Metri-Pack 280 Series Flexlock (BN)

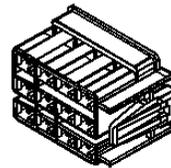
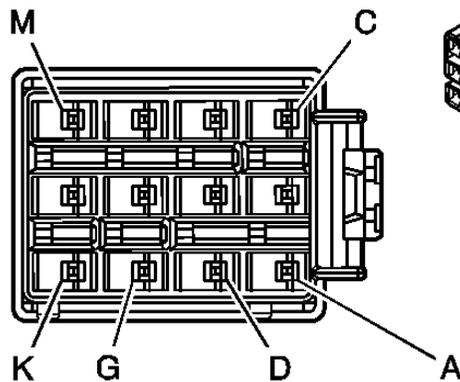
Pin	Wire Color	Circuit No.	Function
A	BN	2409	Interior Park Lamps Supply Voltage
B	RD	242	Battery Positive Voltage
C	D-BU	47	Trailer Auxiliary Supply Voltage
D	L-BU	1620	Trailer CHMSL Supply Voltage
E	-	-	Not Used
F	BK	1050	Ground

Relay Block Terminal Identification - I/P C7 (Off Road Lighting)



Connector Part Information		<ul style="list-style-type: none"> • 12193924 • 6-Way F Metri-Pack 280 Series Flexlock (BN) 	
Pin	Wire Color	Circuit No.	Function
A	-	-	Not Used
B	D-BU	242	Battery Positive Voltage
C-E	-	-	Not Used
F	BK	1050	Ground

Relay Block Terminal Identification - I/P C10



Connector Part	<ul style="list-style-type: none"> • 15357030
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Information		● 12-Way F Metri-Pack 280 Series Flex-Lock (WH)	
Pin	Wire Color	Circuit No.	Function
A	OG	4540	Battery Positive Voltage - LR Heated Seat Module (w/KA7)
	OG	4540	Battery Positive Voltage - RR Heated Seat Module (w/KA7)
B	GY/BK	690	Courtesy Lamp Supply Voltage - Left B-Pillar
	GY/BK	690	Courtesy Lamp Supply Voltage - Right B-Pillar
C	GY/BK	690	Courtesy Lamp Supply Voltage - LR Door
	GY/BK	690	Courtesy Lamp Supply Voltage - RR Door
D	-	-	Not Used
E	OG	1440	Battery Positive Voltage
F	BN/WH	230	Instrument Panel Lamps Dimming Control - LR Window Switch
	BN/WH	230	Instrument Panel Lamps Dimming Control - RR Window Switch
G	-	-	Not Used
H	OG	1440	Battery Positive Voltage
J	-	-	Not Used
K	OG	1340	Battery Positive Voltage
L	PU	293	Rear Defog Element Supply Voltage
M	-	-	Not Used

Junction Block - I/P Top View

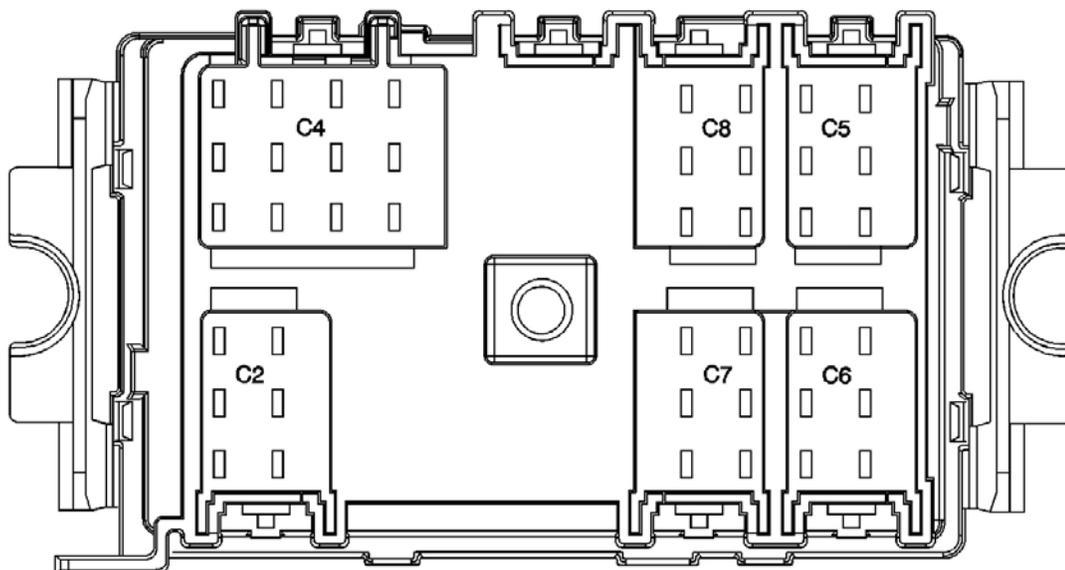


Fig. 38: Junction Block - I/P Top View

Courtesy of GENERAL MOTORS CORP.

Junction Block - I/P Bottom View

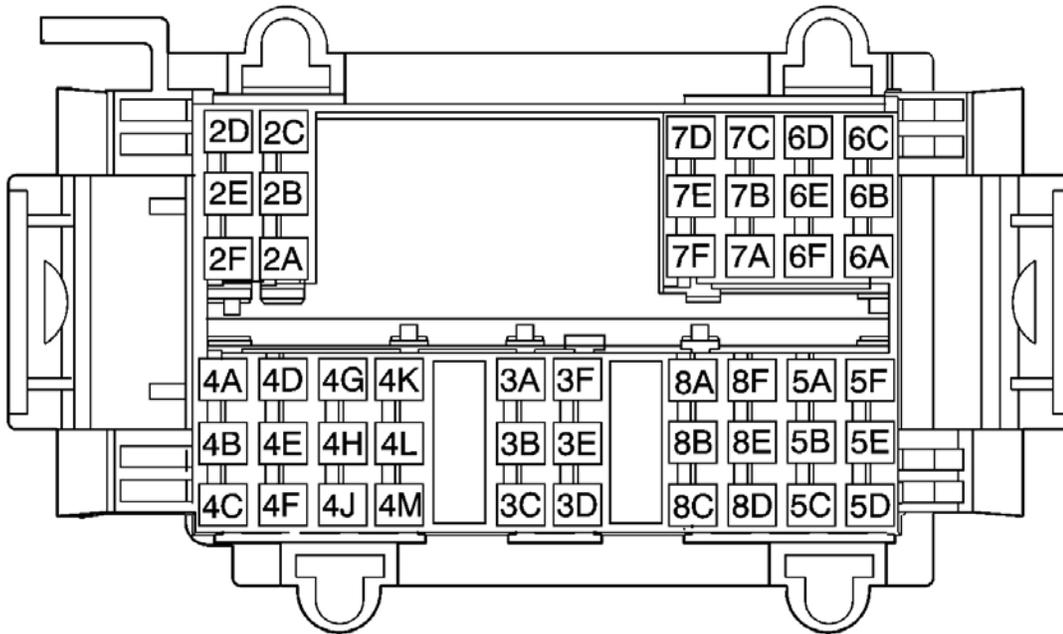


Fig. 39: Junction Block - I/P Bottom View
 Courtesy of GENERAL MOTORS CORP.

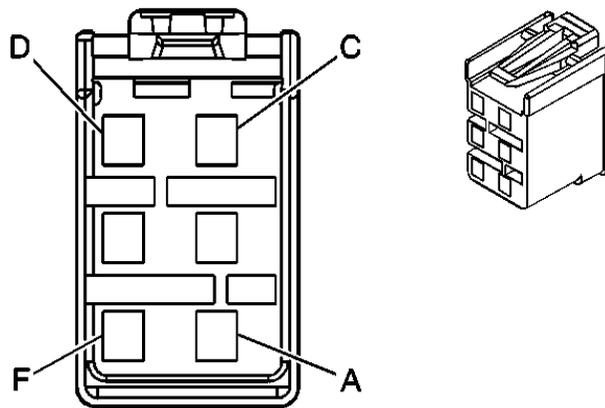
Junction Block - I/P C1 Wire Entry

Connector Part Information		<ul style="list-style-type: none"> • 15401495 • 48-Way M Metri-Pack 280 Series (BK) 	
Pin	Wire Color	Circuit No.	Function
2A	D-GN	117	Right Front Speaker Output (-)
	D-GN	117	Right Front Speaker Output (-)
2B	L-GN	200	Right Front Speaker Output (+)
	L-GN	200	Right Front Speaker Output (+)
2C-2E	-	-	Not Used
2F	BK	1050	Ground
3A-3F	-	-	Not Used
4A	BK	1050	Ground
4B	GY/BK	2337	Lower Right Air Temperature Sensor Signal
4C	BN	718	Low Reference
4D	RD	542	Battery Positive Voltage
4E	PU	1838	Recirculation Door Position Signal

4F	PU/WH	760	Blower Motor Speed Control
4G-4H	-	-	Not Used
4J	L-BU/BK	1688	5-Volt Reference
4K	-	-	Not Used
4L	YE	1791	Low Reference
4M	-	-	Not Used
5A	-	-	Not Used
5B	L-GN	2275	Mode Door Position Signal
5C	TN	2273	Mode Door Control
5D	D-BU	1199	Left Air Temperature Door Control
5E	L-BU	733	Left Air Temperature Door Position Signal
5F	-	-	Not Used
6A	-	-	Not Used
6B	BN	2409	Interior Park Lamps Supply Voltage
6C	BK	1050	Ground
6D-6F	-	-	Not Used
7A	-	-	Not Used
7B	TN	1047	PDM Class 2 Serial Data
7C	OG	4240	Battery Positive Voltage
7D	-	-	Not Used
7E	OG	1340	Battery Positive Voltage
7F	-	-	Not Used
8A	WH/BK	2339	Lower Left Air Temperature Sensor Signal
8B	-	-	Not Used
8C	BN	341	Ignition 3 Voltage
8D	D-BU	1646	Right Air Temperature Door Position Signal
8E	WH/BK	1236	Right Air Temperature Door Control
8F	D-GN	1614	Recirculation Door Control

Junction Block Terminal Identification - I/P C2

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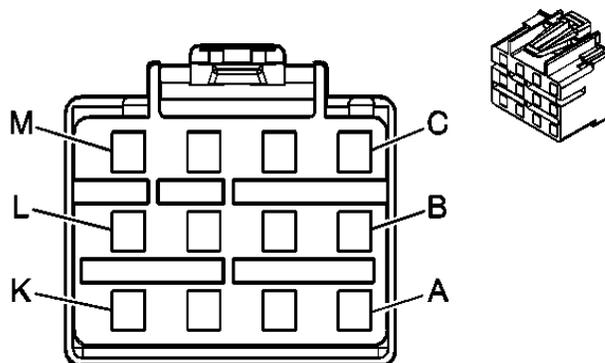


Connector Part Information

- 12193930
- 6-Way F Metri-Pack 280 Series Flexlock (BK)

Pin	Wire Color	Circuit No.	Function
A	D-GN	117	Right Front Speaker Output (-)
B	L-GN	200	Right Front Speaker Output (+)
C-E	-	-	Not Used
F	BK	1050	Ground

Junction Block Terminal Identification - I/P C4



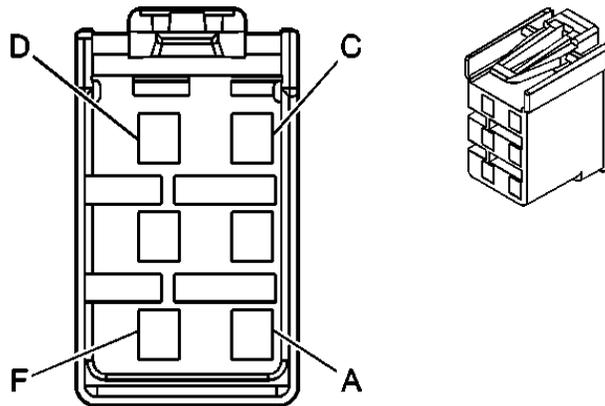
Connector Part Information

- 12194037
- 12-Way F Metri-Pack 280 Series Flexlock (BN)

Pin	Wire Color	Circuit No.	Function
A	BK	1050	Ground
B	GY/BK	2337	Lower Right Air Temperature Sensor Signal

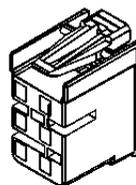
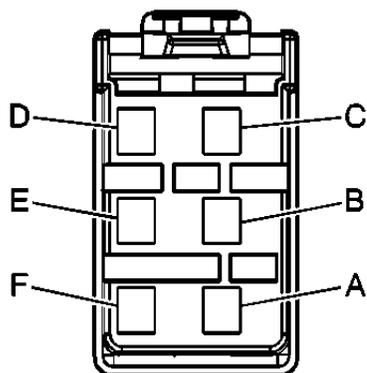
C	BN	718	Low Reference - Air Temperature Sensor - Lower Left
	BN	718	Low Reference - Air Temperature Sensor - Lower Right
D	RD	542	Battery Positive Voltage
E	PU	1838	Recirculation Door Position Signal
F	PU/WH	760	Blower Motor Speed Control
G	-	-	Not Used
H	L-BU/BK	1688	5-Volt Reference - Air Temperature Actuator - Left
	L-BU/BK	1688	5-Volt Reference - Air Temperature Actuator - Right
J	L-BU/BK	1688	5-Volt Reference - Mode Actuator
	L-BU/BK	1688	5-Volt Reference - Recirculation Actuator
K	-	-	Not Used
L	YE	1791	Low Reference - Recirculation Actuator
	YE	1791	Low Reference - Mode Actuator
M	YE	1791	Low Reference - Air Temperature Actuator - Left
	YE	1791	Low Reference - Air Temperature Actuator - Right

Junction Block Terminal Identification - I/P C5



Connector Part Information		<ul style="list-style-type: none"> • 12193924 • 6-Way F Metri-Pack 280 Series Flexlock (BN) 	
Pin	Wire Color	Circuit No.	Function
A	-	-	Not Used
B	L-GN	2275	Mode Door Position Signal
C	TN	2273	Mode Door Control
D	D-BU	1199	Left Air Temperature Door Control
E	L-BU	733	Left Air Temperature Door Position Signal
F	-	-	Not Used

Junction Block Terminal Identification - I/P C6

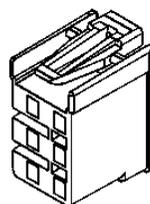
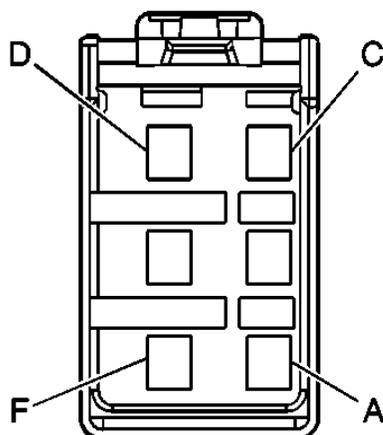


Connector Part Information

- 12193929
- 6-Way F Metri-Pack 280 Series Flexlock (L-GN)

Pin	Wire Color	Circuit No.	Function
A	-	-	Not Used
B	BN	2409	Interior Park Lamps Supply Voltage
C	BK	1050	Ground
D-F	-	-	Not Used

Junction Block Terminal Identification - I/P C7



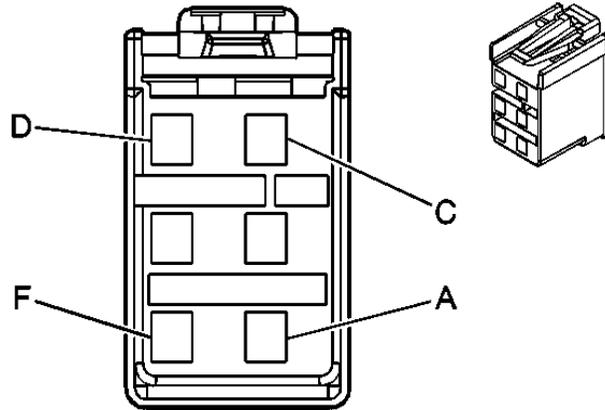
Connector Part Information

- 12193922
- 6-Way F Metri-Pack 280 Series Flexlock (CRM)

Pin	Wire Color	Circuit No.	Function
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A	-	-	Not Used
B	TN	1047	PDM Class 2 Serial Data
C	OG	4240	Battery Positive Voltage
D	-	-	Not Used
E	OG	1340	Battery Positive Voltage
F	-	-	Not Used

Junction Block Terminal Identification - I/P C8



Connector Part Information		<ul style="list-style-type: none"> • 12193928 • 6-Way F Metri-Pack 280 Series Flexlock (GY) 	
Pin	Wire Color	Circuit No.	Function
A	WH/BK	2339	Lower Left Air Temperature Sensor Signal
B	BN	341	Ignition 3 Voltage - Mode Actuator
	BN	341	Ignition 3 Voltage - Recirculation Actuator
C	BN	341	Ignition 3 Voltage - Air Temperature Actuator - Left
	BN	341	Ignition 3 Voltage - Air Temperature Actuator - Right
D	D-BU	1646	Right Air Temperature Door Position Signal
E	WH/BK	1236	Right Air Temperature Door Control
F	D-GN	1614	Recirculation Door Control