

**2004 ELECTRICAL****Fuses & Circuit Breakers - SRX****IDENTIFICATION**

**WARNING:** Vehicles are equipped with air bag supplemental restraint system. Before attempting any repairs involving steering column, instrument panel or related components, see **SERVICE PRECAUTIONS** and **DISABLING & ACTIVATING AIR BAG SYSTEM** in appropriate **AIR BAG RESTRAINT SYSTEMS** article in **RESTRAINTS**.

**CAUTION:** When battery is disconnected, vehicle computer and memory systems may lose memory data. Driveability problems may exist until computer systems have completed a relearn cycle. See appropriate **COMPUTER RELEARN PROCEDURES** article in **GENERAL INFORMATION** before disconnecting battery.

**FUSIBLE LINK**

Fusible links are usually located between battery and starter or electrical center. For description and repair procedures, see **Fig. 1**.

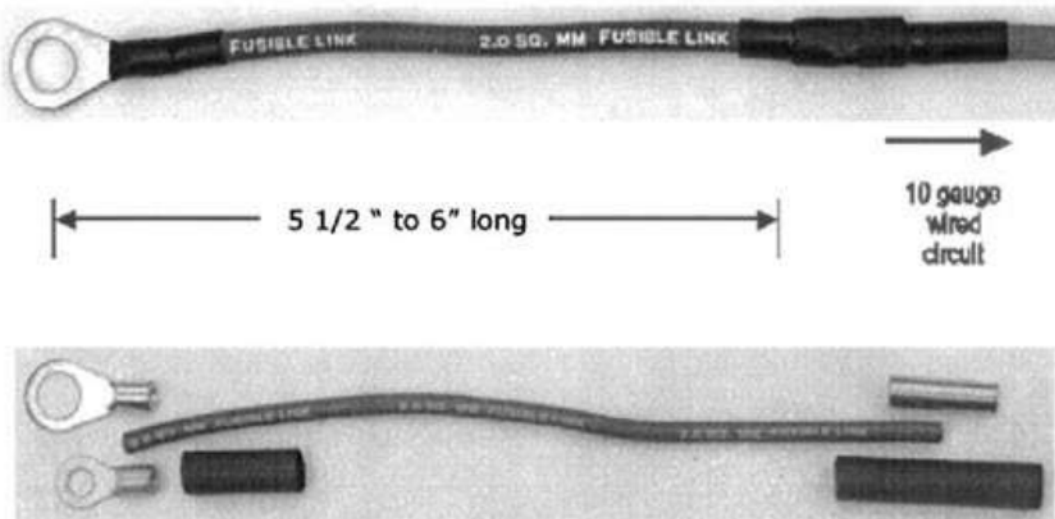
## Circuit Protection - Fusible Links

Fusible link is wire designed to melt and break continuity when excessive current is applied. It is often located between or near the battery and starter or electrical center. Use a continuity tester or a DMM at each end of the wire containing the fusible link in order to determine if it is broken. If broken, it must be replaced with fusible link of the same gage size.

### Repairing a Fusible Link

Repair the fusible link by replacing the entire fusible link assembly from generator to the starter.

### 14 Gauge Fusible Link



|         |                    |                                         |
|---------|--------------------|-----------------------------------------|
| # FL-18 | 18ga. Fusible Link | protects 14ga. or heavier wired systems |
| # FL-16 | 16ga. Fusible Link | protects 12ga. or heavier wired systems |
| # FL-14 | 14ga. Fusible Link | protects 10ga. or heavier wired systems |
| # FL-12 | 12ga. Fusible Link | protects 8ga. or heavier wired systems  |

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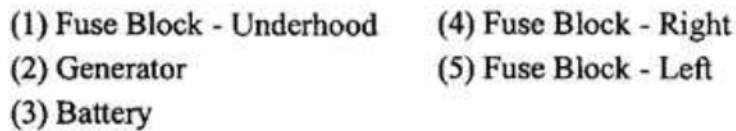
### Fig. 1: Repairing Fusible Links

Courtesy of GENERAL MOTORS CORP.

### LEFT REAR FUSE BLOCK

Left rear fuse block is located in the passenger compartment, near the left side of the rear seat under the carpet. See Fig. 2.

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**Fig. 2: Locating Rear Fuse Blocks & Underhood Fuse Block**  
**Courtesy of GENERAL MOTORS CORP.**



**Fig. 3: Identifying Left Rear Fuse Block Components**  
**Courtesy of GENERAL MOTORS CORP.**

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| Device                  | Rating | Description                                                                                                                                                                                               |
|-------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AMP Fuse                | 30A    | Audio Amplifier                                                                                                                                                                                           |
| AUDIO Fuse              | 15A    | VCIM, Radio, Traffic Information Receiver, and Rear Seat Entertainment                                                                                                                                    |
| BASS Fuse               | 10A    | Stop Lamp - Left, Stop Lamp - Right, CHMSL, and Rear Parking Assist                                                                                                                                       |
| BASS Relay              | —      | Stop Lamp - Left, Stop Lamp - Right, CHMSL, and Rear Parking Assist                                                                                                                                       |
| CCP Fuse                | 10A    | HVAC Control Module                                                                                                                                                                                       |
| DRIVER DR MOD Fuse      | 10A    | Door Module - LF                                                                                                                                                                                          |
| ELC COMP Fuse           | 10A    | ELC Relay                                                                                                                                                                                                 |
| ELC RELAY               | —      | ESCM and Air Compressor Exhaust Solenoid (F55)                                                                                                                                                            |
| FFS SW                  | 10A    | Seat Stowage/Recline Switch (3rd Row) (AM0)                                                                                                                                                               |
| FFSM Fuse               | 30A    | Rear Seat Module (3rd Row) (AM0)                                                                                                                                                                          |
| Fuse Puller             | —      | Fuse Puller                                                                                                                                                                                               |
| HDL P LEVELING Fuse     | 10A    | Headlamp Leveling Sensor - Rear, Fuse Block - Underhood, and Headlamp Leveling Sensor - Front (TR7)                                                                                                       |
| IGN 3 Fuse              | 10A    | Auto Trans Shift Lock Control Actuator, Heated Seat Module - LF (KA7), Heated Seat Module - RF (KA7), HVAC Blower Motor, Sunroof Switch (CF5), Right Rear Fuse Block, and Suspension Control Module (F55) |
| IGN 3 Relay             | —      | CCP, HDLP LVL, and IGN-3 Fuses                                                                                                                                                                            |
| L FRT HTD SEAT MOD Fuse | 10A    | Heated Seat Module - LF                                                                                                                                                                                   |
| L POSITION Relay        | —      | Tail Lamp - Left (Export) and Headlamp Switch (Export)                                                                                                                                                    |
| MEM/ADAPT SEAT Fuse     | 10A    | Driver Power Seat Switch and Memory Seat Module                                                                                                                                                           |
| POSITION LAMP Fuse      | 10A    | R POS LP Relay (Export) and L POS LP Relay (Export)                                                                                                                                                       |
| R POSITION Relay        | —      | RR Tail Lamp (Export), Fuse Block-Underhood (Passthrough), and Headlamp - LF                                                                                                                              |
| REAR DR MOD Fuse        | 15A    | LRDM and RRDM                                                                                                                                                                                             |
| REV LAMP Relay          | —      | Back Up Lamps, RPA, and Inside Rearview Mirror                                                                                                                                                            |
| REVERSE LAMP Fuse       | 10A    | REV LAMP Relay                                                                                                                                                                                            |
| SEAT Circuit Breaker    | 30A    | Memory Seat Module, Power Seat Switch - Left Front, and Power Seat Switch - Right Front (AH8)                                                                                                             |
| Spare Fuse              | —      | Not Used                                                                                                                                                                                                  |
| STANDING LAMP Relay     | —      | L POS LP Relay (Export) and R POS LP Relay (Export)                                                                                                                                                       |
| THFT Fuse               | 10A    | Antenna Module, Garage Door Opener, and Intrusion Sensor                                                                                                                                                  |

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**Fig. 4: Left Rear Fuse Block Legend**  
**Courtesy of GENERAL MOTORS CORP.**

#### RIGHT REAR FUSE BLOCK

Right rear fuse block is located in the passenger compartment, near the right side of the rear seat under the carpet. See **Fig. 2**.

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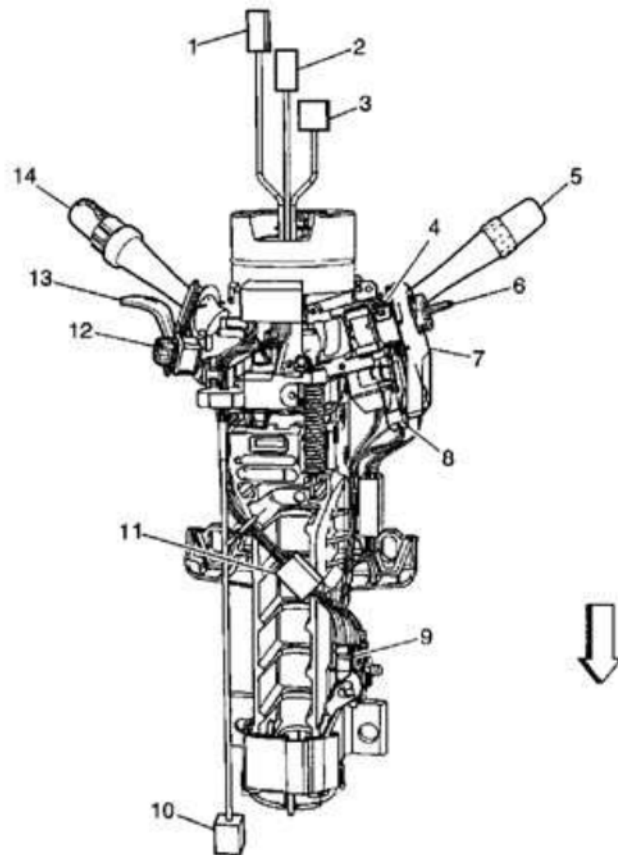


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**Fig. 6: Right Rear Fuse Block Legend**  
**Courtesy of GENERAL MOTORS CORP.**

**STEERING COLUMN FUSE BLOCK**

Steering column fuse block is located behind the left instrument panel (I/P) knee bolster, taped to the steering column wiring harness. See **Fig. 7** .



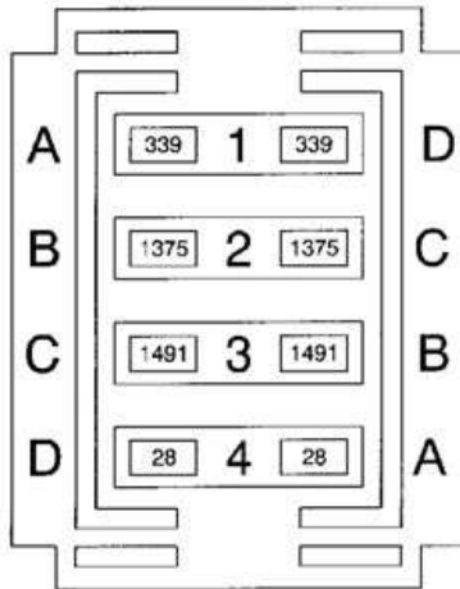
- (1) Inflatable Restraint Steering Wheel Module Coil Connector
- (2) Inflatable Restraint Steering Wheel Module Coil Connector
- (3) C208
- (4) Ignition Lock Cylinder Control Actuator
- (5) Windshield Wiper Washer Switch
- (6) Ignition Lock Cylinder Case
- (7) Theft Deterrent Control Module
- (8) Ignition Switch Connector
- (9) C202
- (10) C203
- (11) Steering Column Fuse Block
- (12) Adjustable Pedal Switch (JF4)
- (13) Steering Tilt Lever
- (14) Turn Signal/Multifunction Switch

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**Fig. 7: Locating Steering Column Fuse Block**  
**Courtesy of GENERAL MOTORS CORP.**

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| No. | Device | Rating | Description                                | Wire Color |
|-----|--------|--------|--------------------------------------------|------------|
| 1   | Fuse 1 | --     | Not Used                                   | --         |
| 2   | Fuse 2 | 2A     | Steering Wheel Controls                    | PU         |
| 3   | Fuse 3 | 2A     | Steering Wheel Controls Illumination Lamps | YE         |
| 4   | Fuse 4 | 2A     | Horn Switch                                | BK/WH      |

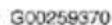
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**Fig. 8: Identifying Steering Column Fuse Block Components & Legend**  
Courtesy of GENERAL MOTORS CORP.

#### UNDERHOOD FUSE BLOCK

Underhood fuse block is located in the engine compartment, in the right front corner. See **Fig. 2**.

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| Device           | Rating | Description                                                                                                                                                                                                                  |
|------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ABS Fuse         | 10A    | EBCM                                                                                                                                                                                                                         |
| BLOWER Fuse      | 40A    | BLOWER Relay                                                                                                                                                                                                                 |
| CCP Fuse         | 10A    | HVAC Control Module                                                                                                                                                                                                          |
| COMP CLTCH Fuse  | 10A    | CMP CLU Relay                                                                                                                                                                                                                |
| DIM/ALDL Fuse    | 10A    | DIM and DLC                                                                                                                                                                                                                  |
| EBCM Fuse        | 50A    | EBCM                                                                                                                                                                                                                         |
| ECM/TCM Fuse     | 10A    | ECM, IPC, Theft Deterrent Module, and TCM                                                                                                                                                                                    |
| EVEN COILS Fuse  | 15A    | Even Ignition Coils and Even Fuel Injectors                                                                                                                                                                                  |
| FLASHER Fuse     | 15A    | Turn Signal/Hazard Flasher Module                                                                                                                                                                                            |
| FOG LAMP Fuse    | 15A    | FOG LAMP Relay                                                                                                                                                                                                               |
| HFV6 ECM         | 15A    | ECM (LY7)                                                                                                                                                                                                                    |
| HI FAN Fuse      | 30A    | HI SPEED FAN Relay                                                                                                                                                                                                           |
| HORN Fuse        | 15A    | HORN Relay                                                                                                                                                                                                                   |
| IGN SW Fuse      | 10A    | Adjustable Pedals Switch (JF4) and Ignition Switch                                                                                                                                                                           |
| I/P OUTLET Fuse  | 20A    | Auxiliary Power Outlet and Cigar Lighter                                                                                                                                                                                     |
| LIC/DIMMING Fuse | 15A    | DIM, License Lamp - Left, and License Lamp - Right                                                                                                                                                                           |
| LOW FAN Fuse     | 30A    | LOW SPEED FAN Relay                                                                                                                                                                                                          |
| L REAR Fuse      | 60A    | Fuse Block - Left Rear                                                                                                                                                                                                       |
| L REAR Fuse      | 60A    | Fuse Block - Left Rear                                                                                                                                                                                                       |
| LT HI BEAM Fuse  | 10A    | Left High Beam Headlamp                                                                                                                                                                                                      |
| LT LOW BEAM Fuse | 20A    | Left Low Beam Headlamp                                                                                                                                                                                                       |
| LT PARK Fuse     | 10A    | L POSITION Relay (Export), Park Lamp - Left, Side Marker Lamp - Left, and Tail Lamp - Left                                                                                                                                   |
| ODD COILS        | 15A    | Odd Ignition Coils and Odd Fuel Injectors                                                                                                                                                                                    |
| OUTLET Fuse      | 20A    | Auxiliary Power Outlet - Left and Auxiliary Power Outlet - Right                                                                                                                                                             |
| POST 02 Fuse     | 15A    | HO2S Bank 1 Sensor 2, HO2S Bank 2 Sensor 2                                                                                                                                                                                   |
| PRE02/CAM Fuse   | 15A    | CMP Solenoid Exhaust Actuators Bank 1 and Bank 2 (LY7), CMP Solenoid Intake Actuators Bank 1 and Bank 2 (LY7), EVAP Canister Purge Valve (LY7), HO2S Bank 1 Sensor 1, HO2S Bank 2 Sensor 1, and Intake Runner Solenoid (LY7) |
| REAR WPR Fuse    | 20A    | Window Wiper Motor - Rear                                                                                                                                                                                                    |
| R REAR Fuse      | 60A    | Fuse Block - Right Rear                                                                                                                                                                                                      |
| R REAR Fuse      | 60A    | Fuse Block - Right Rear                                                                                                                                                                                                      |
| RT HI BEAM Fuse  | 10A    | Right High Beam Headlamp                                                                                                                                                                                                     |
| RT LOW BEAM Fuse | 20A    | Right Low Beam Headlamp                                                                                                                                                                                                      |

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**Fig. 10: Underhood Fuse Block Legend (1 Of 2)**  
**Courtesy of GENERAL MOTORS CORP.**

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| Device                    | Rating | Description                                                                                                        |
|---------------------------|--------|--------------------------------------------------------------------------------------------------------------------|
| RT PARK Fuse              | 10A    | R POSITION Relay (Export), Park Lamp - Right, Side Marker Lamp - Right, and Tail Lamp - Right                      |
| Spare Fuse                | --     | Not Used                                                                                                           |
| STARTER Fuse              | 30A    | STARTER Relay                                                                                                      |
| STARTER RLY Fuse          | 10A    | STARTER Relay                                                                                                      |
| STRG CTLS Fuse            | 10A    | Headlamp Switch and Left Multifunction Lever                                                                       |
| TCM/IPC Fuse              | 15A    | ECM, IPC, MAF Sensor (LY7), and TCM                                                                                |
| THEFT Fuse                | 7.5A   | ECM, TCM, and Theft Deterrent Control Module                                                                       |
| V8 ECM Fuse               | 10A    | ECM and EVAP Canister Purge Solenoid (LH2)                                                                         |
| VICS Fuse                 | 10A    | Traffic Information Receiver (VICS FM Multiplex Module)                                                            |
| VOLT CHECK Fuse           | 10A    | DIM                                                                                                                |
| WASH NOZ Fuse             | 10A    | Heated Washer Nozzles                                                                                              |
| WPR MOD Fuse              | 30A    | Windshield Wiper/Washer Module                                                                                     |
| WPR SW Fuse               | 10A    | Windshield Wipe/Washer Switch, Wiper/Washer Switch - Rear                                                          |
| HDLP WASH Circuit Breaker | 30A    | HDLP WASH Relay                                                                                                    |
| ACCESSORY Relay           | --     | REAR WPR, VICS, WPR MOD, and WPR SW Fuses                                                                          |
| BLOWER Relay              | --     | Blower Motor and Blower Motor Control Processor                                                                    |
| CIGAR Relay               | --     | OUTLET and I/P OUTLET Fuses (Early Production)                                                                     |
| CMP CLU Relay             | --     | A/C Compressor Clutch                                                                                              |
| DRL Relay                 | --     | LT LOW BEAM and RT LOW BEAM Fuses                                                                                  |
| FOG LAMP Relay            | --     | Fog Lamps                                                                                                          |
| HDLP WASH Relay           | --     | Headlamp Washer Fluid Pump                                                                                         |
| HI BEAM Relay             | --     | LT HI BEAM and RT HI BEAM Fuses                                                                                    |
| HI SPEED FAN Relay        | --     | Cooling Fan - Right                                                                                                |
| HORN Relay                | --     | Horns                                                                                                              |
| IGN-1 Relay               | --     | ABS, STARTER RLY, STRG CTLS, TCM/IPC, and WASH NOZ Fuses                                                           |
| LOW BEAM/HID Relay        | --     | LT LOW BEAM and RT LOW BEAM Fuses                                                                                  |
| LOW SPEED FAN Relay       | --     | Cooling Fan - Left                                                                                                 |
| MAIN Relay                | --     | LOW SPEED FAN, HI SPEED FAN, and S/P FAN Relays, EVEN COILS, HFV6, ODD COILS, POST O2, PREO2/CAM, and V8 ECM Fuses |
| PARK LAMP Relay           | --     | RT PARK, LT PARK, and LIC/DIMMING Fuses                                                                            |
| S/P FAN Relay             | --     | Cooling Fan - Left                                                                                                 |
| STARTER Relay             | --     | Starter                                                                                                            |
| BODY W/H                  | --     | Underhood Fuse Block C2 (2-Way Connector)                                                                          |
| BODY W/H                  | --     | Underhood Fuse Block C3 (2-Way Connector)                                                                          |
| ENG W/H                   | --     | Underhood Fuse Block C5 (26-Way Connector)                                                                         |
| Fuse Puller               | --     | Fuse Puller                                                                                                        |

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**Fig. 11: Underhood Fuse Block Legend (2 Of 2)**  
**Courtesy of GENERAL MOTORS CORP.**