

2002 Cadillac Escalade

2002 ELECTRICAL Fuses & Circuit Breakers - C/K Series Trucks Except Cab & Chassis

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IDENTIFICATION

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 **COMPUTER RELEARN PROCEDURES** article in **GENERAL INFORMATION** before disconnecting battery.

Refer to table for identification of models covered. See **MODEL IDENTIFICATION** table.

MODEL IDENTIFICATION

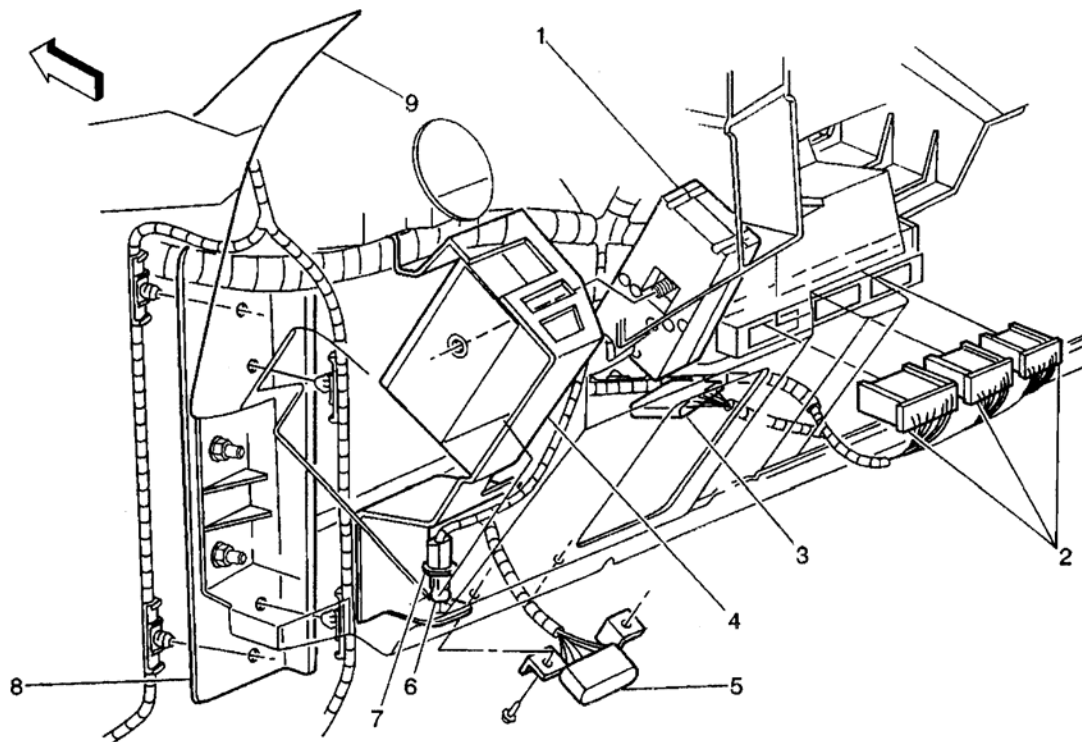
Body Code ⁽¹⁾	Model
C/K	Chevrolet Avalanche
C/K	Chevrolet C3500 HD
C/K	GMC C3500 HD
C/K	Cadillac Escalade
C/K	Cadillac Escalade EXT
C/K	GMC Sierra
C/K	Chevrolet Silverado
C/K	Chevrolet Suburban
C/K	Chevrolet Tahoe
C/K	GMC Yukon
C/K	GMC Yukon Denali
C/K	GMC Yukon XL
C/K	GMC Yukon XL Denali
(1) Vehicle body code is fifth character of VIN.	

LEFT INSTRUMENT PANEL FUSE BLOCK

NOTE: Left Instrument Panel (I/P) fuse block is located on the lower left side of the I/P. See **Fig. 1**.

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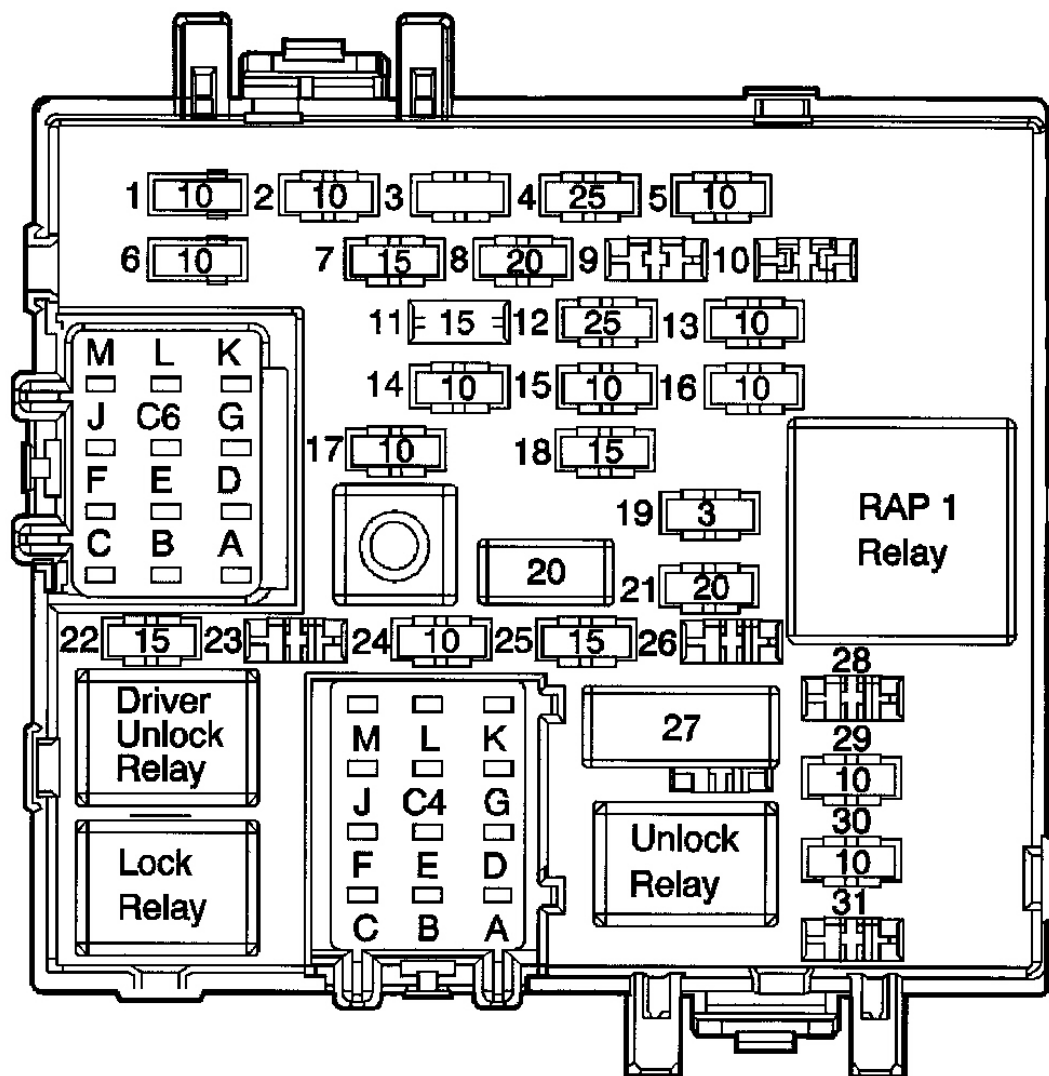
- | | |
|---|---------------------------------------|
| (1) Fuse Block Connector | (6) LH IP Courtesy Lamp |
| (2) Body Control Module (BCM) Connector | (7) LH IP Courtesy Lamp Socket |
| (3) Splice Pack 205 (SP205) | (8) LH IP Support to Dash |
| (4) Fuse Block | (9) Left Windshield Pillar Trim Panel |
| (5) Data Link Connector (DLC) | |

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Fig. 1: Locating Left Instrument Panel Fuse Block
Courtesy of GENERAL MOTORS CORP.

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Fig. 2: Identifying Left Instrument Panel Fuse Block Components
Courtesy of GENERAL MOTORS CORP.

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Important: Numbers shown are to reference position only - component not marked.		
Fuse/Circuit Breaker	Rating	Description
HVAC 1 Fuse #1	10A	HVAC Control Module, Mode Door Motors/Actuators
IGN 3 Fuse #2	10A	Memory Seat Module, LH and RH Heated Seat Switch
BRAKE Fuse #3	10A	Electronic Brake Control Module (EBCM)
HTR A/C Fuse #4	25A	Blower Motor (all except high speed)
IGN 0 Fuse #5	10A	Automatic Transmission, Instrument Cluster, Vehicle Control Module (VCM)/Powertrain Control Module (PCM)
CRUISE Fuse #6	10A	Cruise Control Module, Cruise Control Switch, Instrument Cluster, Body Control Module (BCM)
4WD Fuse #7	15A	Auxiliary Battery Relay, Front Axle Actuator/Switch, Automatic Transfer (ATC) Control Module, Vehicle Control Module (VCM)
TURN Fuse #8	20A	Feeds LT Turn and RT Turn fuses - turn signals
WS WIPER Fuse #12	25A	Windshield Wiper, Windshield Washer Pump
SEO IGN Fuse #13	10A	Selectable Ride
ILLUM Fuse #14	10A	Instrument Cluster, Instrument Panel Switches (backlit)
IGN 1 Fuse #15	10A	Body Control Module (BCM), Instrument Cluster, Automatic Day-Night
SEO ACCY Fuse #16	10A	Body Builder Provision
CRANK Fuse #17	10A	Starter Relay
AIR BAG Fuse #18	15A	Inflatable Restraint Sensing and Diagnostic Module, Inflatable Restraint Instrument Panel Module Switch
MIR/LOCK Fuse #19	3A	Power Mirrors, Memory Seat Switch, Power Door Lock Relays
SEATS (CB) #20	25A	Power Seats, Memory Seats (LH and RH)
DR LOCKS Fuse #21	20A	Power Door Lock Actuators
LOCK Fuse #22	15A	Power Door Locks (Actuators)
INT PK Fuse #24	10A	Park Lamp Relay Bypass (w/Manual Park Lamp Switch use)
UNLOCK Fuse #25	15A	Power Door Locks (Actuators)
PWR WDO (CB) #27	25A	Power Windows (Uplevel Vehicle)
RDO 1 Fuse #29	10A	Radio (Base Vehicle)
RAP 2 Fuse #30	10A	Window Door Lock Switch-Passenger/ RR, Sunroof, Radio
UNLOCK JMPR (Relay/Fuse)	30A	Power Door Locks (non-Keyless Entry)

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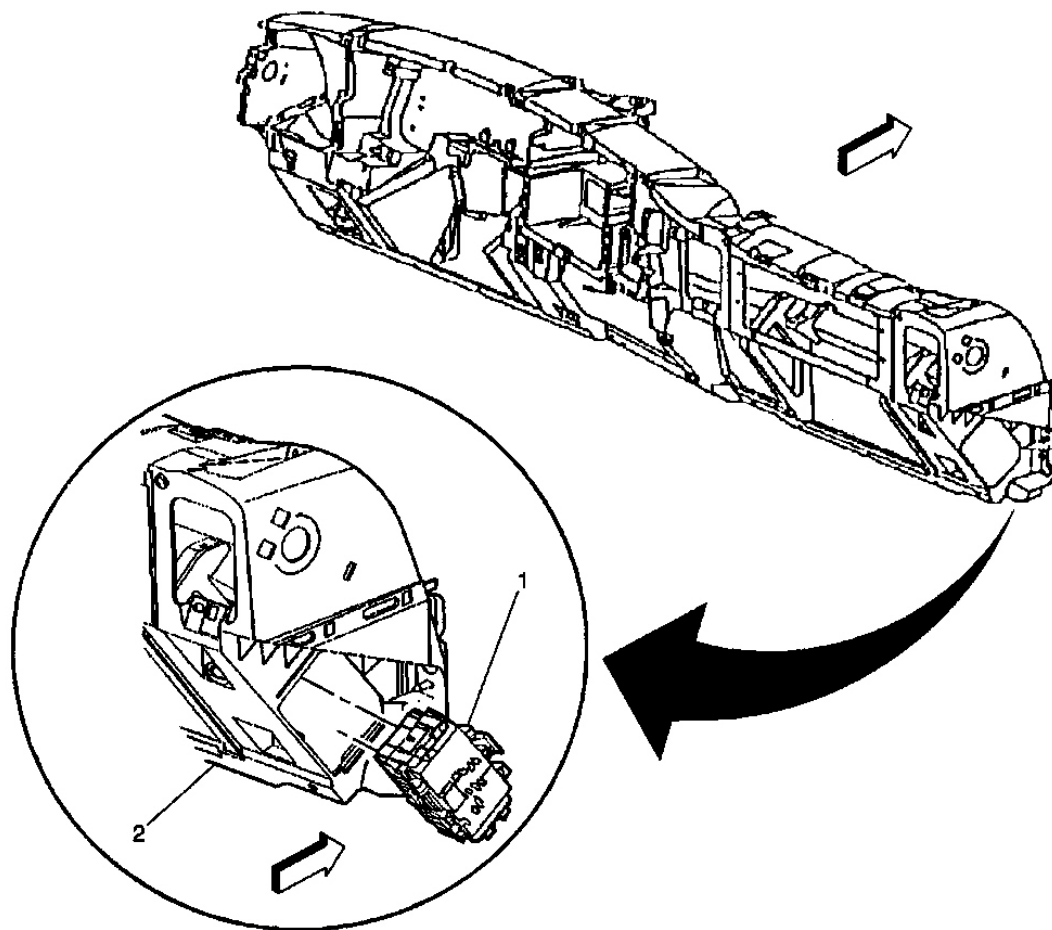
Fig. 3: Left Instrument Panel Fuse Block Legend
Courtesy of GENERAL MOTORS CORP.

RIGHT INSTRUMENT PANEL FUSE BLOCK

NOTE: Right Instrument Panel (I/P) wiring harness junction block is located on the lower right side of the I/P. See [Fig. 4](#) .

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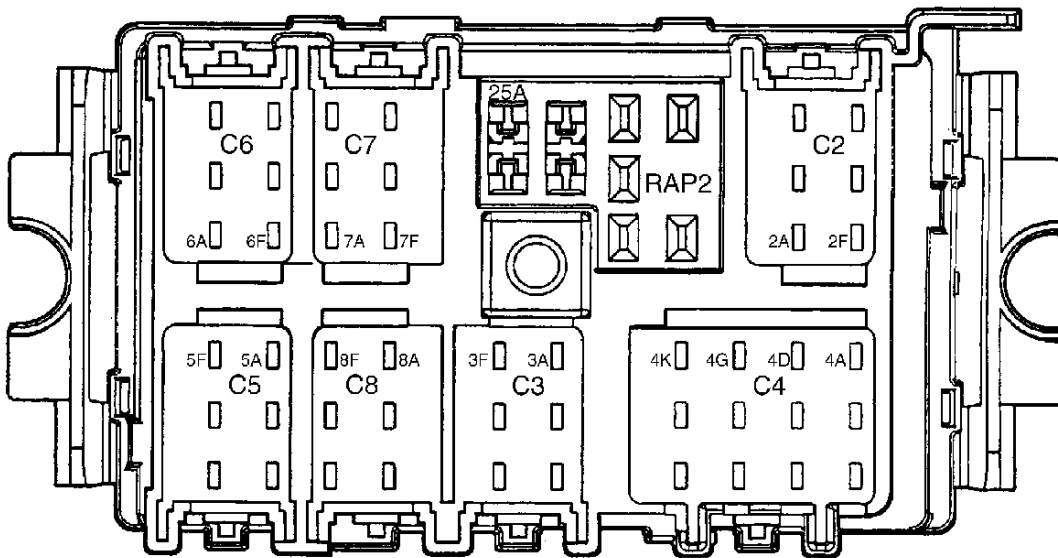
(1) Fuse Block-Right I/P (2) Instrument Panel

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Fig. 4: Locating Right Instrument Panel Fuse Block
Courtesy of GENERAL MOTORS CORP.

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Fig. 5: Identifying Right Instrument Fuse Block Components
Courtesy of GENERAL MOTORS CORP.

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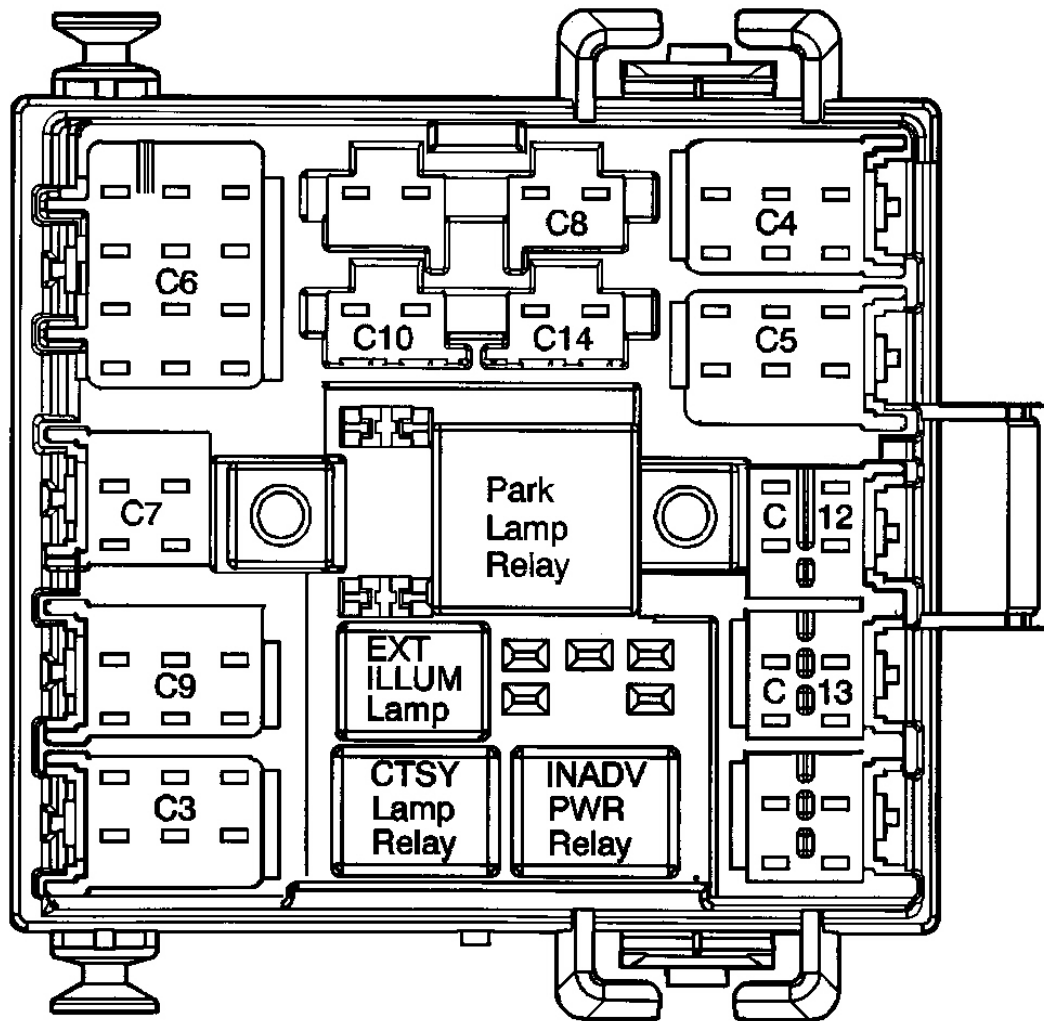
Pin	Wire Color	Circuit No.	Function
2A	DK GRN	117	Right Front Speaker Output (-)
	DK GRN	117	Right Front Speaker Output (-) (UQ7 w/Y91)
2B	LT GRN	200	Right Front Speaker Output (+)
	LT GRN	200	Right Front Speaker Output (+) (UQ7 w/Y91)
2C-2E	--	--	Not Used
2F	BLK	1050	Ground
4A	BLK	1050	Ground
4B	ORN	52	Blower Motor High Control (w/CJ3)
	GRY/BLK	2337	Lower Right Air Temperature Sensor Signal (w/CJ2)
4C	PPL	73	Medium 3 Blower Motor Control (w/CJ3)
	BRN	718	Low Reference (w/CJ2)
4D	RED	542	Battery Positive Voltage
4E	TAN	63	Auxiliary Blower Motor Medium 1 Control (w/CJ3)
	PPL	1838	Recirculation Door Position Signal (w/CJ2)
4F	PPL/WHT	760	Auxiliary Front Blower Motor Switch Signal (w/CJ2)
4G	YEL	60	Blower Motor Low Control (w/CJ3)
4H	--	--	Not Used
4J	LT BLU/BLK	1688	5 Volt Reference (w/CJ2)
4K	LT BLU	72	Medium 2 Blower Motor Control (w/CJ3)
4L	YEL	1791	Low Reference (w/CJ2)
4M	--	--	Not Used
5A	--	--	Not Used
5B	LT GRN	2275	Mode Door Position Signal (w/CJ2)
5C	TAN	2273	Mode Door Control (w/CJ2)
5D	DK BLU	1199	Left Air Temperature Door Control (w/CJ2)
5E	LT BLU	733	Left Air Temperature Door Position Signal (w/CJ2)
5F	--	--	Not Used
6A	ORN	3840	Battery Positive Voltage (w/CF5)
6B	BRN	2409	Interior Park Lamps Supply Voltage
6C	BLK	1050	Ground
6D	DK BLU	1353	RAP Supply Voltage (w/CF5)
6E	BRN/WHT	230	Instrument Panel Lamps Dimming Control (w/CF5)
6F	--	--	Not Used
7A	--	--	Not Used
7B	TAN	1047	PDM Class 2 Serial Data
7C	ORN	4240	Battery Positive Voltage
7D	--	--	Not Used
7E	ORN	1340	Battery Positive Voltage
7F	DK BLU	2115	Right Turn Signal Lamps Supply Voltage
8A	WHT/BLK	2339	Lower Left Air Temperature Sensor Signal (w/CJ2)
8B	--	--	Not Used
8C	BRN	341	Ignition 3 Voltage
8D	DK BLU	1646	Right Air Temperature Door Position Signal (w/CJ2)
8E	WHT/BLK	1236	Right Air Temperature Door Control (w/CJ2)
8F	DK GRN	1614	Recirculation Door Control (w/CJ2)

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Fig. 6: Right Instrument Panel Fuse Block Legend
 Courtesy of GENERAL MOTORS CORP.

INSTRUMENT PANEL RELAY BLOCK

NOTE: Instrument panel relay block is located under the left side of instrument panel, near the left kick panel.



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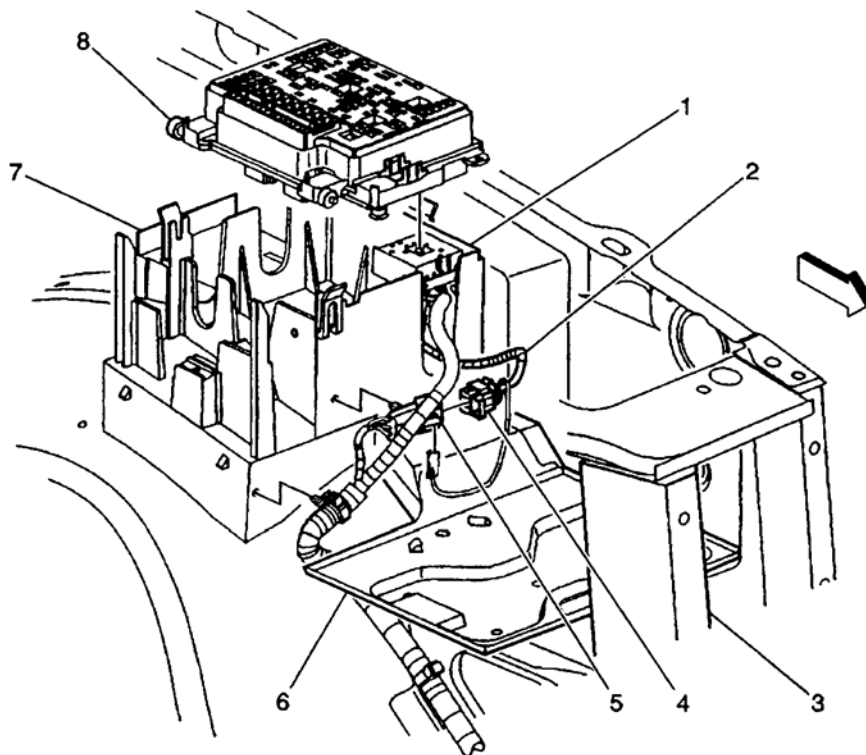
Fig. 7: Identifying Instrument Panel Relay Block Components
Courtesy of GENERAL MOTORS CORP.

UNDERHOOD FUSE BLOCK

NOTE: Underhood fuse block is located on driver's side of engine compartment, next to battery. See Fig. 8 .

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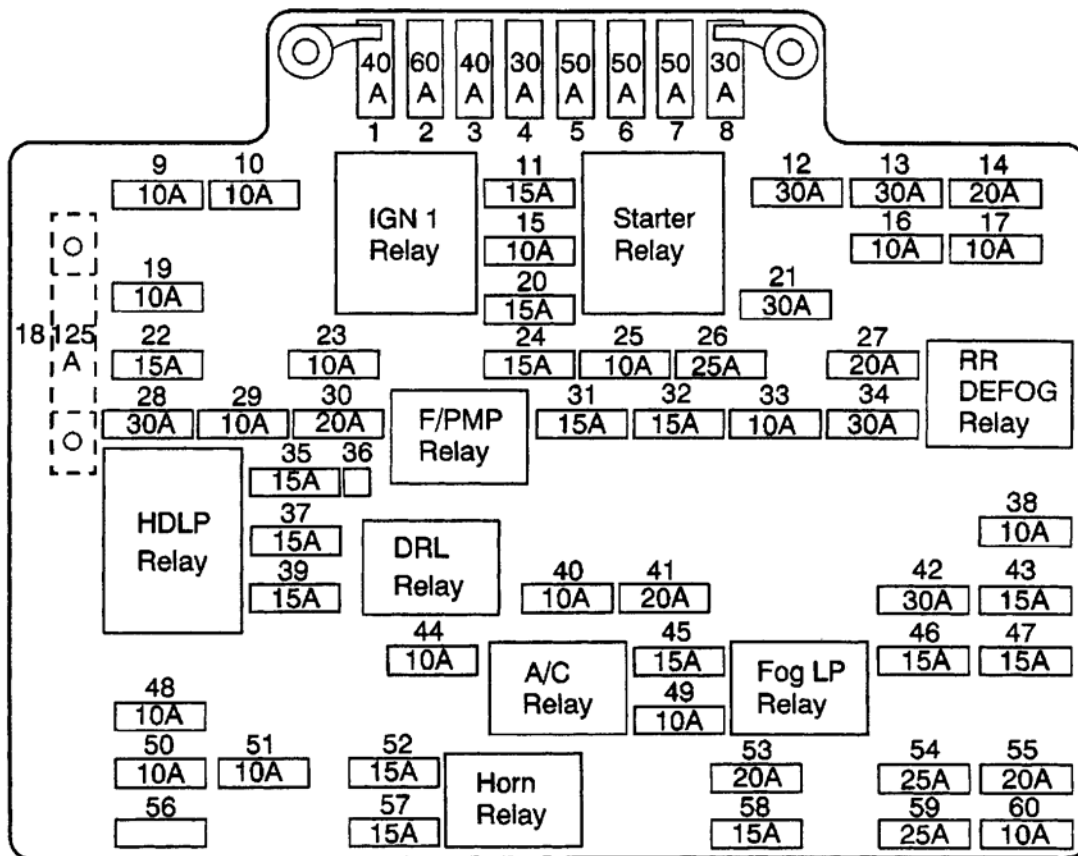
- | | |
|---|--|
| (1) Engine Wiring Harness Junction Block Bracket | (6) LH Battery Tray |
| (2) Inflatable Restraint Harness | (7) Engine Wiring Harness Junction Block Bracket |
| (3) Radiator Support | (8) Engine Wiring Harness Junction Block Bracket |
| (4) Inflatable Restraint Electrical Connector (IP) (C103) | |
| (5) Inflatable Restraint Electrical Connector (Sensor) (C103) | |

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Fig. 8: Locating Underhood Fuse Block
Courtesy of GENERAL MOTORS CORP.

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Fig. 9: Identifying Underhood Fuse Block Components
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Important: Numbers shown are to reference position only - component not marked.

Fuse/Circuit Breaker	Rating	Description
STUD 1 Fuse #1	40A	Trailer Wiring / Automatic Level Control Compressor
ABS Fuse #2	60A	Brake Pressure Modulator Valve (Pump)
IGN A Fuse #3	40A	Starter Relay, Ignition Switch-IGN 1, TURN, SEO IGN Fuses
AIR Fuse #4	30A	Secondary Air Injection Reaction Pump
RAP Fuse #5	50A	Rap Relay, MIR/LOCK DR LOCK Fuses and SEATS Circuit Breaker
IGN B Fuse #6	50A	Ignition Switch-Rap Relay, Wiper/Washer and SEO ACCY Fuses
RAP 2 Fuse #7	50A	Power Window RF switch,Power Window RR Switch,Power Sunroof
STUD 2 Fuse #8	30A	Body Wiring Provisions, Trailer Wiring
TRL R TRN 9	10A	Trailer Turn and Stop
TRL L TRN Fuse #10	10A	Trailer Turn
INJ B Fuse #11	15A	Fuel Injectors 2, 4, 6, and 8, Ignition Coils, Engine Shutoff Solenoid and Sensor-Diesel
PARK LP Fuse #12	30A	Park Lamp Relay, Headlamp and Panel Dimmer Switch-Park Lamps
FRT HVAC Fuse #13	30A	Blower Motor (High Speed)
STOP LPS Fuse #14	20A	VEH STOP and CHMSL Fuses, Trailer Wiring (LH, RH Turn and Stop Lamp)
ECM 1 Fuse #15	10A	Vehicle Control Module (VCM)/Powertrain Control Module (PCM)- (from IGN 1 Relay)
CHMSL Fuse #16	10A	Center High Mounted Stop Lamp
VEH STOP Fuse #17	10A	Vehicle Stop Lamps

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Fig. 10: Underhood Fuse Block Legend (1 of 2)
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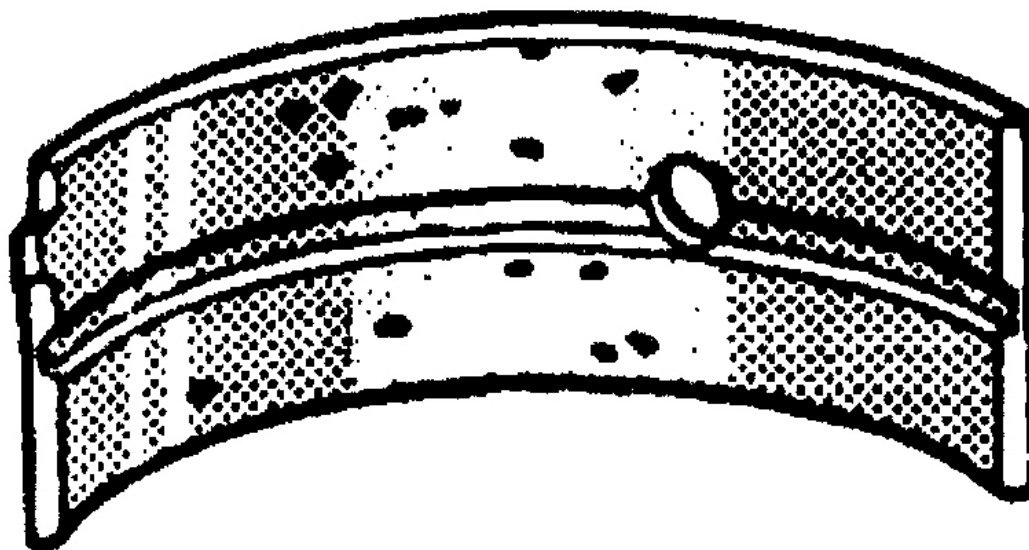
TRL B/U Fuse #19	10A	Trailer Backup Lamps
INJA Fuse #20	15A	Fuel Injectors 1, 3, 5, and 7, Ignition Coils, Glow Plug Module, Fuel Heat, Water in Fuel (WIF) Sensor, Wastegate Solenoid
RR HVAC Fuse #21	30A	Rear Heater, Rear Blower Relays
VEH B/U Fuse #22	15A	Vehicle Backup Lamps
ENG 1 Fuse #23	10A	Mass Air Flow (MAF) Sensor, Camshaft Position (CMP) Sensor, Evaporator Emission (EVAP) Canister Vent Valve, Evaporative Emission (EVAP) C Purge Valve
ETC Fuse #24	15A	Electronic Throttle Control (ETC)
IGN E Fuse #25	10A	A/C Compressor Clutch Relay, DRL Relay, Rear Defog Relay, Secondary Injection Reaction Pump Relay
B/U LP Fuse #26	25A	Backup Lamps, BTSI
ATC Fuse #27	20A	Automatic Transfer Case (ATC) Control Module, Encoder Motor
RTD Fuse #28	30A	Real Time Damping (RTD)
RR PRK Fuse #29	10A	RR Park Lamps
ECM B Fuse #30	20A	Fuel Pump Relay, Vehicle Control Module (VCM)/Powertrain Control Module (PCM)
O2 A Fuse #31	15A	Heated Oxygen Sensors
O2 B Fuse #32	15A	Heated Oxygen Sensors
LR PRK Fuse #33	10A	LR Park Lamps
RR DEFOG Fuse #34	30A	Rear Window Defogger
TRL PRK Fuse #35	15A	Trailer Park
PRIME #36	—	Fuel Pump Prime Port
RT HDLP Fuse #37	15A	RH Headlamps (Hi and Low)
HTD MIR Fuse #38	10A	Heated Outside Mirrors
LT HDLP Fuse #39	15A	LH Headlamps (Hi and Low)
A/C Fuse #40	10A	A/C Compressor Clutch
AUX PWR Fuse #41	20A	Auxiliary Power Outlets
SEO 2 Fuse #42	30A	Roof Beacon and Relay, Full Feature Seat - LH and RH
SEO 1 Fuse #43	15A	Roof Beacon Switch, Cellular Phone Wiring Provisions
DRL Fuse #44	10A	Daytime Running Lamps (DRL)
FOG LPS Fuse #45	15A	Fog Lamps
RADIO Fuse #46	15A	Radio and Instrument Cluster
CIGAR Fuse #47	15A	Data Link Connector, Cigar Lighter
RT TURN Fuse #48	10A	RH Turn Signals
ATSLC Fuse #49	10A	Automatic Transmission Shift Lock Control Solenoid
LT TURN Fuse #50	10A	LH Turn Signals
FR PRK Fuse #51	10A	Front Park Lamps
W/W Pump Fuse #52	15A	Windshield Washer Pump
IGN C Fuse #53	20A	Ignition Switch, Crank, IGN 0 Fuses
RDO AMP Fuse #54	25A	Radio/Audio Systems Amplifier
HAZ LP Fuse #55	20A	Hazard Lamps
EXP LPS Fuse #56	10A	Not Used
HORN Fuse #57	15A	Horn/Horn Relay
CTSY LP Fuse #58	15A	Inadvertent Power Relay (Courtesy Lamps)
RR WPR Fuse #59	25A	RR Wiper Washer, RR Wiper Motor
TBC Fuse #60	10A	Body Control Module

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

FUSIBLE LINKS

For information on fusible links and repairing them, refer to illustration. See **Fig. 12**.



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Fig. 12: Repairing Fusible Links

Courtesy of GENERAL MOTORS CORP.