

Electrical System

Add-On Electrical Equipment

Notice: Don't add anything electrical to your vehicle unless you check with your dealer first. Some electrical equipment can damage your vehicle and the damage wouldn't be covered by your warranty. Some add-on electrical equipment can keep other components from working as they should.

Your vehicle has an air bag system. Before attempting to add anything electrical to your vehicle, see *Servicing Your Airbag-Equipped Vehicle on page 1-69*.

Headlamp Wiring

The headlamp wiring is protected by a circuit breaker in the lamp switch. An electrical overload will cause the lamps to flicker on and off, or in some cases to remain off. If this happens, have your headlamp wiring checked right away.

Windshield Wiper Fuses

The windshield wiper motor is protected by a circuit breaker and a fuse. If the motor overheats due to heavy snow, etc., the wiper will stop until the motor cools. Although the circuit is protected from electrical overload, overload due to heavy snow, etc., may cause wiper linkage damage. Always clear ice and heavy snow from the windshield before using the windshield wipers. If the overload is caused by some electrical problem and not snow, etc., be sure to get it fixed.

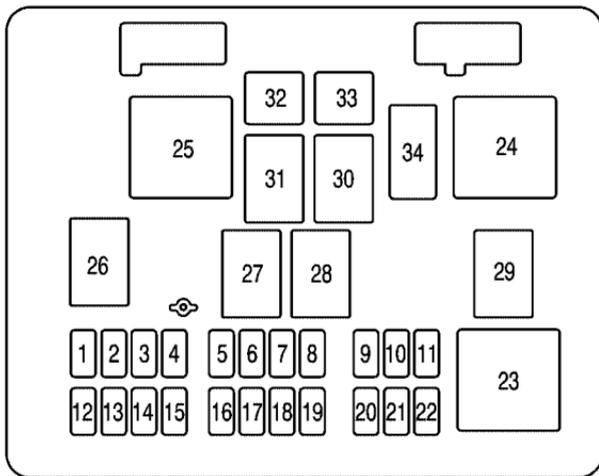
Fuses and Circuit Breakers

The wiring circuits in your vehicle are protected from short circuits by a combination of fuses and circuit breakers. This greatly reduces the chance of fires caused by electrical problems.

Look at the silver-colored band inside the fuse. If the band is broken or melted, replace the fuse. Be sure you replace a bad fuse with a new one of the identical size and rating.

Floor Console Fuse Block

The floor console fuse block is located under the driver's seat.



Fuse	Usage
1	Spare
2	Outside Rear View Mirror
3	Courtesy Lamp/SEO

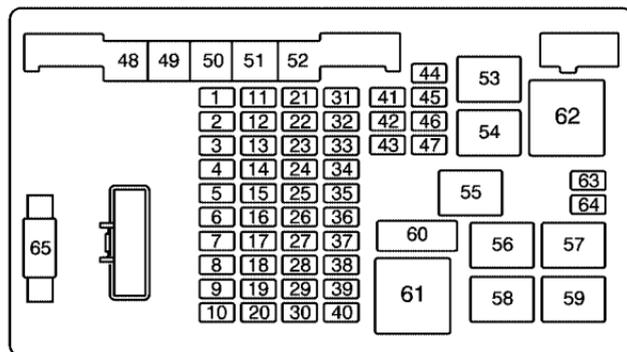
Fuse	Usage
4	Left Rear Stop/Turn Signal
5	Cargo Locks
6	Right Rear Stop/Turn Signal
7	Driver Locks
8	Stop/Center High Mounted Stop Lamp
9	Climate Control 1
10	Climate Control
11	Brakes
12	Heated Mirror/Defogger
13	Right Rear Blower
14	Driver Turn Mirror
15	Door Locks
16	Upfitter Park
17	Not Available
18	Left Rear Park Lamp
19	Pass Turn Mirror
20	Right Rear Park Lamp

Fuse	Usage
21	Trailer Park Lamp
22	Front Park Lamp
32	Auxiliary 1
33	Auxiliary 2
Relays	Usage
23	Window Residual Accessory Power
24	Auxiliary
25	Right Rear Defogger
26	Courtesy Lamp
27	Cargo Unlock
28	Driver Unlock
29	Park Lamp
30	Door Locks
31	Passenger Unlock

Circuit Breaker	Usage
34	Power Window

Engine Compartment Fuse Block

The fuse block is located in the engine compartment on the driver's side of the vehicle.



Fuse	Usage
1	Radio Battery
2	Powertrain Control Module Battery
3	Left Rear Turn Lamp
4	Right Rear Turn Lamp
5	Back-up Lamps Trailer Wiring

Fuse	Usage
6	Ignition 0
7	Stoplamp
8	Right Rear Defogger/Heated Mirror
9	Right Daytime Running Lamp/Turn Signal
10	Left Daytime Running Lamp/Turn Signal
11	Truck Body Control Module 4
12	Fuel Pump
13	Trailer
14	Flasher
15	Horn
16	Truck Body Control Module 3
17	Trailer Stop/Turn Signal
18	Truck Body Control Module 2
19	Truck Body Control Module
20	Remote Function Actuator
21	Engine 2

Fuse	Usage
22	Ignition E
23	Engine 1
24	Truck Body Control Module Ignition 1
25	Spare
26	RPA/Inside Rearview Mirror
27	Crankcase
28	Brake Transmission Shift Interlock System
29	Auxiliary Power Outlets
30	Cigarette Lighter
31	Instrument Panel Cluster
32	Air Conditioning
33	Spare
34	Vent
35	Spare
36	Vehicle Back Up
37	Supplemental Inflatable Restraint System

Fuse	Usage
38	Powertrain Control Module Ignition 1
39	Oxygen Sensor B
40	Oxygen Sensor A
41	Windshield Wipers
42	Right Headlamp - Low Beam
43	Left Headlamp - Low Beam
44	Left Headlamp - High Beam
45	Right Headlamp - High Beam
46	Truck Body Control Module-Accessory
47	Front Windshield Wiper
48	Anti-Lock Brakes
49	Ignition A
50	Trailer
51	Climate Control Blower
52	Ignition B
63	Spare
64	Spare

Fuse	Usage
Relays	Usage
53	Windshield Wiper
54	Air Conditioning
55	Spare
56	Headlamp - High Beam
57	Fuel Pump
58	Headlamp - Low Beam
59	Horn
61	Starter
62	Spare

Circuit Breaker	Usage
60	Power Seat

Capacities and Specifications

The following approximate capacities are given in English and metric conversions. See *Recommended Fluids and Lubricants on page 6-13* for more information. When adding, be sure to fill to the appropriate level or as recommended in this manual.

See refrigerant charge label under the hood for charge capacity information and requirements.

Application	Capacities	
	English	Metric
Air Conditioning Refrigerant R134a Front A/C Front and Rear A/C	1.8 lbs 3.1 lbs	0.81 kg 1.41 kg
Cooling System 4300 V6 4800 V8, 5300 V8 6000 V8	11.0 quarts 13.4 quarts 14.8 quarts	10.4 L 12.7 L 14.0 L
Cooling System with Rear Heat 4300 V6 4800 V8, 5300 V8 6000 V8	14.0 quarts 16.4 quarts 17.8 quarts	13.2 L 15.5 L 17.0 L
Engine Oil with Filter 4300 V6 4800 V, 5300 V8 6000 V8	4.5 quarts 6.0 quarts 6.0 quarts	4.3 L 5.7 L 5.7 L