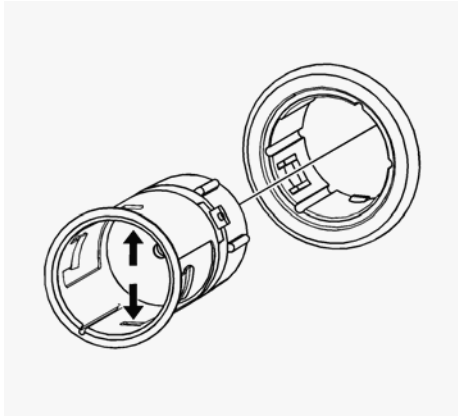


2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:

Removal Procedure

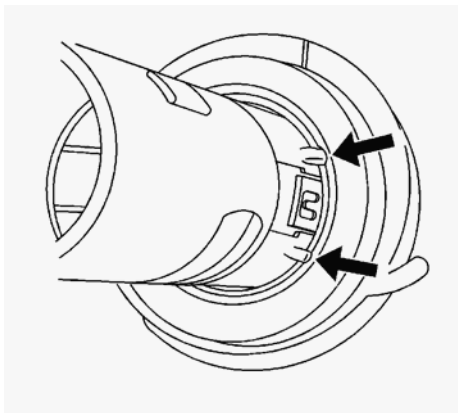


1. Remove the auxiliary power outlet fuse from the fuse block.



2. Remove the receptacle. Look into the receptacle. There are two 3 mm (0.11 in) tab windows 12 mm (0.47 in) from the front of the receptacle. Use the screw driver in order to release 2 tab window, then pull the receptacle straight out.

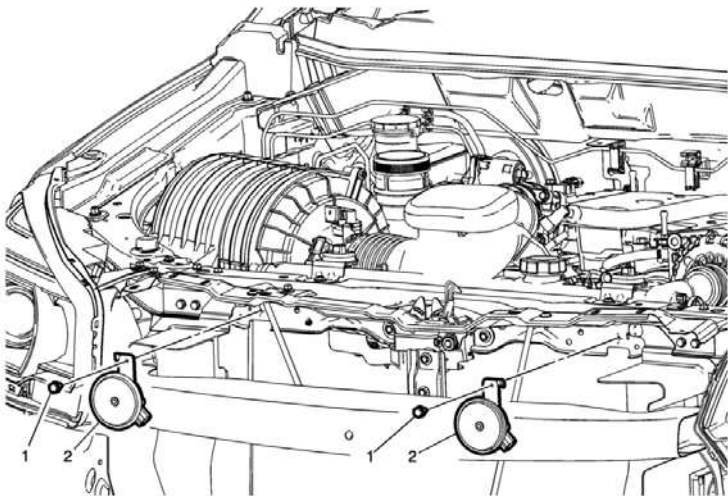
Installation Procedure



1. Route the connector through the retainer. Align the accessory power receptacle retainer to the slot in the opening.
2. Install the retainer by pressing into place fully seated.
3. Connect the electrical connector to the receptacle.
4. Align the tabs on the receptacle to the slots in the retainer. Install the accessory power receptacle by pressing into place until fully seated.
5. Install the accessory power receptacle fuse.

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Horn Replacement

Callout

Component Name

Preliminary Procedure

Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement.

- 1

Horn Bolt

Caution: Refer to Fastener Caution.

Tighten

8 Y (71 lb in)
- 2

Horn

Procedure

Disconnect the electrical connector.

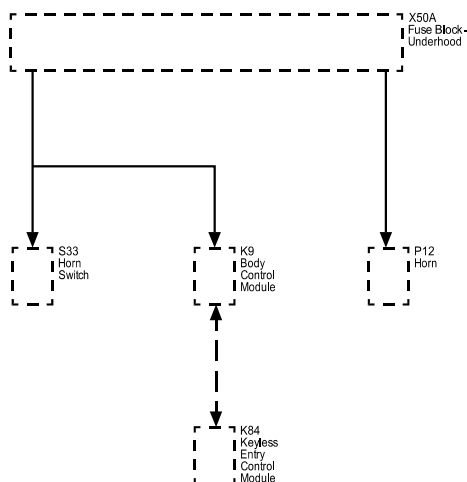
2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**
Fuel Delivery: | **Fuel:**

System Description

The horn system consists of the following components:

- HORN fuse
- Underhood fuse block (Contains the horn PCB relay)
- Horn switch
- Horn — left
- Horn — right
- Body control module (BCM)



System Operation

The vehicle horn system is activated under the following conditions:

- When the horn switch is depressed
- The BCM commands the horns ON under any of the following conditions:
 - When the content theft deterrent system detects a vehicle intrusion—For further information refer to Theft Systems Description and Operation.
 - When the panic button is depressed on the remote control door lock transmitter—For further information refer to Keyless Entry System Description and Operation.
 - When the keyless entry system is used to lock the vehicle, a horn chirp may sound to notify the driver that the vehicle has been locked. notification feature may be enabled or disabled through personalization. For further information refer to Keyless Entry System Description and Operation.

Circuit Operation

Battery positive voltage is applied at all times to the horn relay coil and the horn relay switch. Pressing either of the horn switches applies ground to the horn relay control circuit. The BCM may also apply ground to the horn relay control circuit as described above. When the horn relay control circuit is grounded, the horn relay is energized and battery positive voltage is applied to the horns through the horn control circuit. The horns sound as long as ground is applied to the horn relay control circuit.

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[System Description](#)

The vehicle is fitted with a cigarette lighter and/or with a 12 V accessory power receptacle. The cigarette lighter and accessory power outlets are controlled by an ignition operated relay. The accessory power receptacle and cigarette lighter are operational when the ignition is turned to either the On or the Accessories positions. To operate the cigarette lighter, press in the lighter knob. When the element is hot, the lighter automatically pops out and is ready for use.

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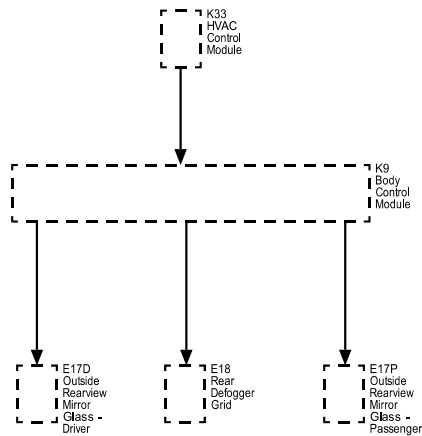
Submodel: | **Engine Type:** | **Liters:**

Fuel Delivery: | **Fuel:**

Rear Window Defogger System Components

The rear window defogger system consist of the following components:

- The HVAC control module
- The body control module (BCM)
- The rear defogger relay
- The rear window grid
- Driver outside rearview mirror
- Passenger outside rearview mirror
- 30A fuse



Rear Window Defogger Operation

The BCM supplies 12 V signal to the rear window defogger switch signal circuit to the HVAC control module. When you depress the rear window defogger switch, the rear window defogger switch pulls the signal circuit low. The BCM interprets this as a request for the rear window defogger system. The BCM energizes the rear window defogger system by supplying voltage to the rear defogger relay coil. The relay coil supply voltage is also spliced off internally in the BCM voltage circuit of the rear window defogger indicator. The rear defogger relay is energized and the rear window defogger indicator is illuminated. When energized, battery positive voltage is allowed from the relay switched input through the switch contacts and out the relay switched output to the defogger grid.

When you start the engine and press the rear window defogger switch for the first time, the defogger cycle lasts for 15 minutes. Further operation results in 15 minute defogger cycles. The rear defogger feature will not time out if vehicle speed is above 80 km/h (50 mph). The defogger cycle resets to 15 minutes if you cycle the ignition to the OFF position and then to the ON position.

Heated Mirrors

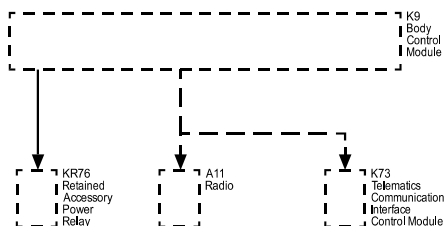
The heated mirrors are also controlled through the rear defogger relay. Whenever the rear window defogger is turned on, battery voltage is supplied to the heater elements through the left and right mirror heater element control circuits.

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Retained Accessory Power

RAP Description and Operation Block Diagram



The body control module (BCM) monitors the ignition switch position, battery condition, and each door ajar/open switch status to determine when accessory power should be initiated or terminated. Retained accessory power is controlled by two different methods; relay control and serial data. Serial data controlled retained accessory power is determined by a retained accessory power message from the BCM over the serial data circuits. Serial data controlled retained accessory power is determined by their modules retained accessory power mode operation. Other subsystems are activated directly by the BCM through a relay. Components that are active in retained accessory power are also activated anytime the ignition is in any position other than OFF regardless of the door status.

Relay Controlled Retained Accessory Power

The BCM keeps the relay energized during all power modes, except Off-Awake and Crank. The relay is also energized for approximately 10 minutes after shutting the ignition OFF and removing the key, providing no door is opened.

Relay controlled retained accessory power will end when one of the following conditions is met:

- The BCM receives an input from any door ajar or open switch indicating the opening of any door after the ignition key is out of the ignition.
Note: If the BCM is receiving any door ajar or open signal from those switches when the ignition key is turned OFF, retained accessory power will be maintained.
- The BCM internal timer for the retained accessory power expires after approximately 10 minutes.
- The BCM detects a decrease in battery capacity below a prescribed limit.

Systems powered by the retained accessory power relay during the retained accessory power mode are as follows:

Note: The vehicle may not be equipped with all components as listed below.

- Accessory Power Receptacle
- Cigarette Lighter Receptacle

- Window Switches
- Sunroof Control Module
- Sunroof Switch
- Mobile Device Wireless Charger Module
- Mobile Telephone Control Module
- Traffic Data Receiver
- Transmission Shift Lever Position Indicator (w/floor mounted console gear shift)
- Seat Heating Control Module

Serial Data Controlled Retained Accessory Power

Retained accessory power systems controlled by serial data are as follows:

Radio

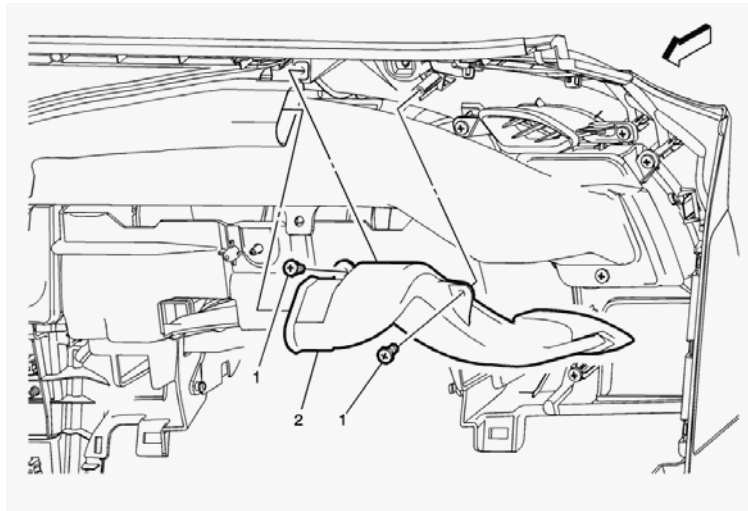
Radio retained accessory power activation / termination is the same as relay operation with one exception; the only door switch that will turn off retained accessory power is the driver door open switch.

Vehicle Communication Interface Module (VCIM) (Onstar®) (If Equipped)

VCIM RAP activation/termination is the same as radio operation with 1 exception; if there is an active call when the ignition key is turned off the radio will enter RAP mode, and keep the radio in RAP mode until the call is terminated.

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Side Window Defogger Outlet Duct Replacement - Left Side

Callout

Component Name

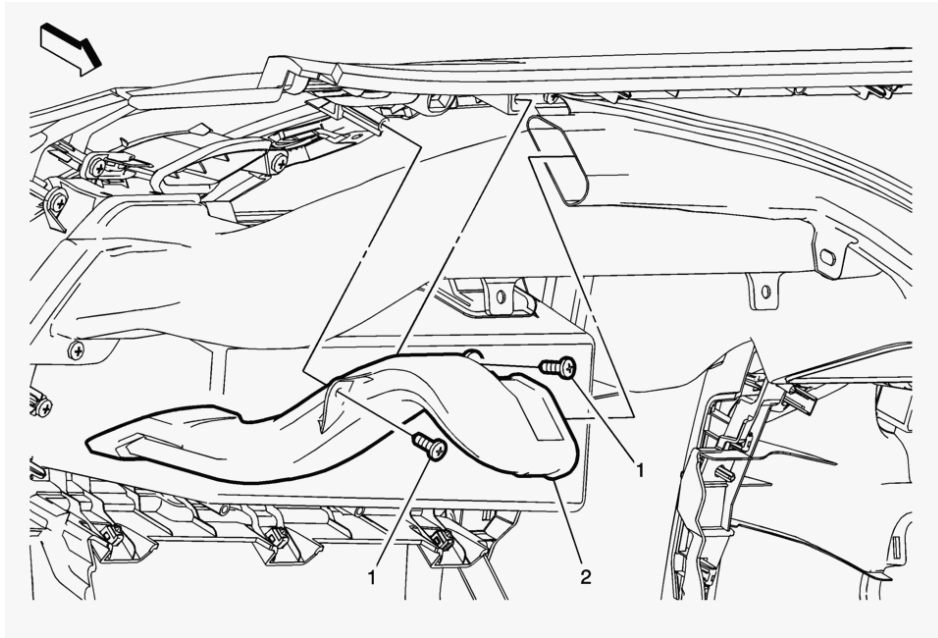
Preliminary Procedure

Remove the instrument panel assembly. Refer to Instrument Panel Assembly Replacement.

- | | |
|---|--|
| 1 | Side Window Defogger Outlet Duct-Left Fasteners(Qty) 2 |
| 2 | Side Window Defogger Outlet Duct-Left |

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Fuel Delivery: | Fuel:



Side Window Defogger Outlet Duct Replacement - Right Side

Callout

Component Name

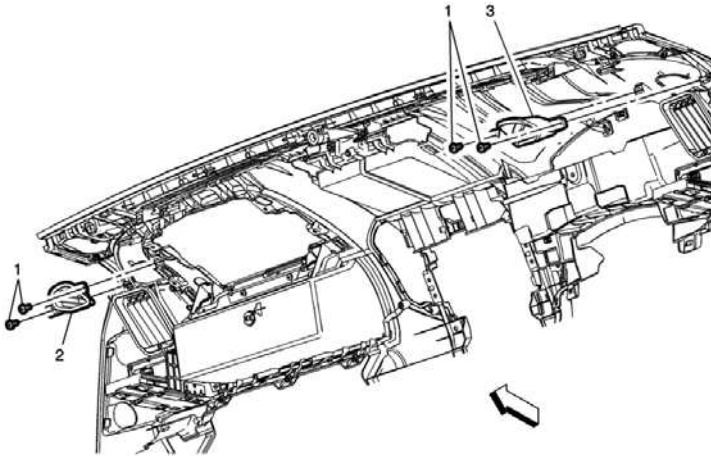
Preliminary Procedure

Remove the instrument panel assembly. Refer to Instrument Panel Assembly Replacement.

- | | |
|---|---|
| 1 | Side Window Defogger Outlet Duct-Right Fasteners(Qty) 2 |
| 2 | Side Window Defogger Outlet Duct-Right |

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Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Side Window Defogger Outlet Grille Replacement

Callout Preliminary Procedures

Component Name

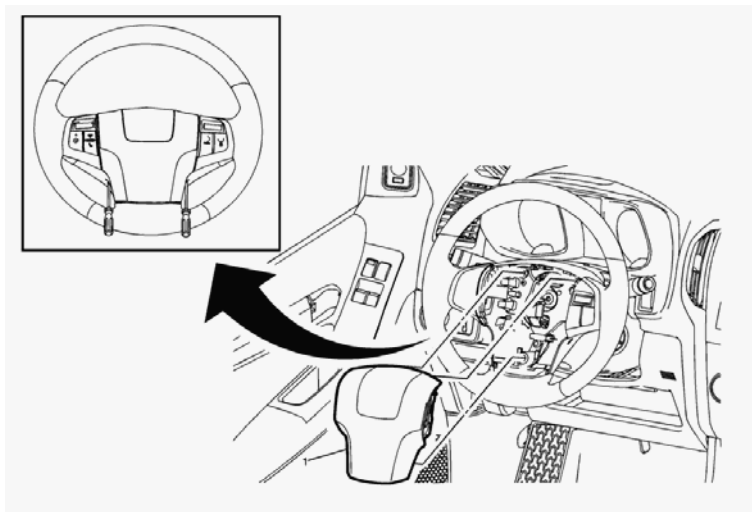
1. Remove the left side window defogger outlet duct. Refer to Side Window Defogger Outlet Duct Replacement - Left Side
2. Remove the right side window defogger outlet duct. Refer to Side Window Defogger Outlet Duct Replacement - Right Side

- | | |
|---|--|
| 1 | Instrument Carrier Bolt (Qty: 4)
Caution: Refer to Fastener Caution. |
| 2 | Side Window Defogger Outlet Grille- Passenger Side |
| 3 | Side Window Defogger Outlet Grille- Driver Side |

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Fuel Delivery: | Fuel:



Steering Wheel Horn Cap Replacement

Callout

Component Name

Steering Wheel Horn Cap

Procedure

1

1. Using a blunt ended tool, push the spring fastener inward through the access hole located on the side of the steering wheel by pulling the tool outwards.
2. Keeping the tool inserted, repeat the step for the other opening.
3. Disconnect the electrical connectors.

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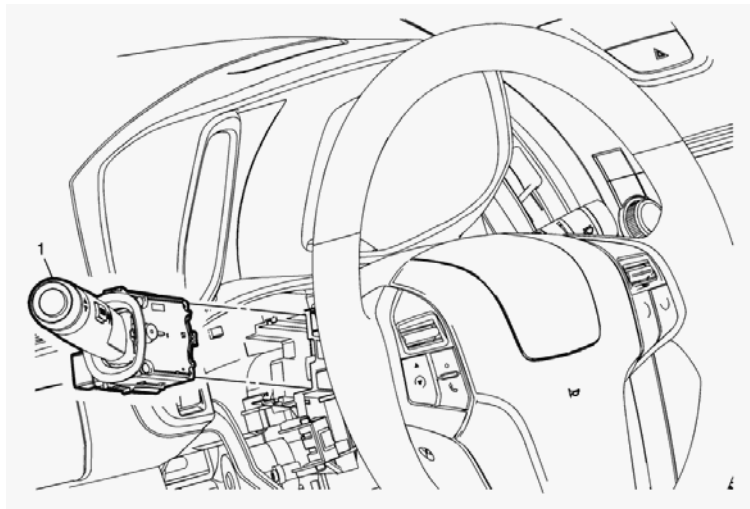
The audio steering wheel control switches duplicate the function of the primary controls of the associated component, through a network of multiple momentary contact switches and a series of resistors. The radio supplies voltage to the switches and monitors the return signal for a specific voltage drop to occur unique to the one pressed. The radio then identifies the switch selected to activate the feature, otherwise sends a serial data message that is received by the component controlled, activating the feature.

This section is intended to diagnosis the circuits between the radio and the audio steering wheel control switches. If the primary control for the device is inoperative, refer to the appropriate section for the component the steering wheel control switch is functioning.

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Turn Signal Multifunction Switch Replacement

Callout

Component Name

Preliminary Procedure

Remove the steering column trim covers. Refer to Steering Column Trim Cover Replacement.

Turn Signal Multifunction Switch

Procedure

1

1. Disconnect any electrical connectors as necessary.
2. Release the plastic retaining tabs and remove the turn signal multifunction switch from the turn signal switch bracket