

Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2012 CHEVROLET Volt OEM Service and Repair Workshop Manual

[Go to manual page](#)

Callout	Component Name
Weatherstrip Replacement.	
1	<p>Front Side Door Front Auxiliary Weatherstrip Retainer (Qty: 6)</p> <p>Procedure</p> <p>Using a suitable tool, remove the front side door front auxiliary weatherstrip retainers.</p>
2	<p>Front Side Door Front Auxiliary Weatherstrip</p> <p>NOTE</p> <p>Note</p> <p>Inspect the door to ensure a proper seal after the weatherstrip has been replaced.</p>

Sample

Callout	Component Name		
	<div style="background-color: #f1c232; padding: 5px; margin-bottom: 10px;">CAUTION</div> <p>Caution</p> <p>Refer to Fastener Caution.</p> <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <td style="padding: 5px;">Tighten</td> </tr> <tr> <td style="padding: 5px;">2.5 N·m (22 lb in)</td> </tr> </table>	Tighten	2.5 N·m (22 lb in)
Tighten			
2.5 N·m (22 lb in)			
2	<p>Rear Bumper Fascia Lower Bolt (Qty: 4)</p> <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <td style="padding: 5px;">Tighten</td> </tr> <tr> <td style="padding: 5px;">7 N·m (62 lb in)</td> </tr> </table>	Tighten	7 N·m (62 lb in)
Tighten			
7 N·m (62 lb in)			
3	<p>Rear Bumper Fascia</p> <p>Procedure</p> <ol style="list-style-type: none"> 1. Carefully push a small nylon wedge between the fascia and the rear fascia guide. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia from the rear fascia guide. 2. Disconnect the electrical connector. 3. Transfer parts as needed. 		

Callout	Component Name
	<p data-bbox="261 192 912 226">Refer to Exterior Trim Emblem Removal Caution.</p> <p data-bbox="296 282 440 315">Procedure</p> <ol data-bbox="261 338 1490 936" style="list-style-type: none"><li data-bbox="261 338 1490 465">1. The part and surface should be 21°C (70°F) prior to installation. The vehicle should remain 21°C (70°F) for one hour after assembly to allow adhesive to develop sufficient bond strength.<li data-bbox="261 495 1490 573">2. Use a heat gun or equivalent to remove the rear wheel opening rear molding. Use a plastic flat bladed tool to assist in removal.<li data-bbox="261 602 1490 680">3. Clean any remaining residue with a 50/50 mixture by volume of isopropyl alcohol and clean drinkable water. Wipe surface dry with a clean lint-free towel.<li data-bbox="261 710 1490 837">4. When removing protective liners from the adhesive tape, be careful not to touch tape with hands and do not allow tape to come in contact with dirt or any foreign matter prior to adhesion.<li data-bbox="261 866 1490 936">5. Using the palm of the hand apply even pressure from end to end to ensure full adhesion is made.

Items Required

- DuraSeal splice sleeves to crimp and seal connections
- High temperature heat shrink tubing (Raychen SCT1) to protect the splice sleeves
- Terminated leads or pigtails
- The correct tools to remove the terminals from the connectors

NOTE

Note

Use high temperature bulk wire rated at 150°C (302°F) continuous temperature of the same or larger gauge size as the original wire when repair damage wire. Also replace any reflective tape that you remove during the repair.

Wiring that is exposed to high temperatures 150°C (302°F) continuous or 175°C (347°F) excursion for prolonged periods of time may use materials i.e. wires, connectors, and shielding that has a higher heat rating than typical wiring. When making a repair in a high temperature area observe the following:

Wire to Wire Repair Incl High Temp

- Use GM approved high temperature bulk wire rated at 150°C (302°F) continuous temperature to replace any damaged wire.
- Replace any heat shielding that is removed.
- Cover any DuraSeal splice sleeves with high temperature heat shrink tubing (Raychen SCT1).
- After making a wiring repair, ensure that the location of the wiring is not moved closer to the heat source.

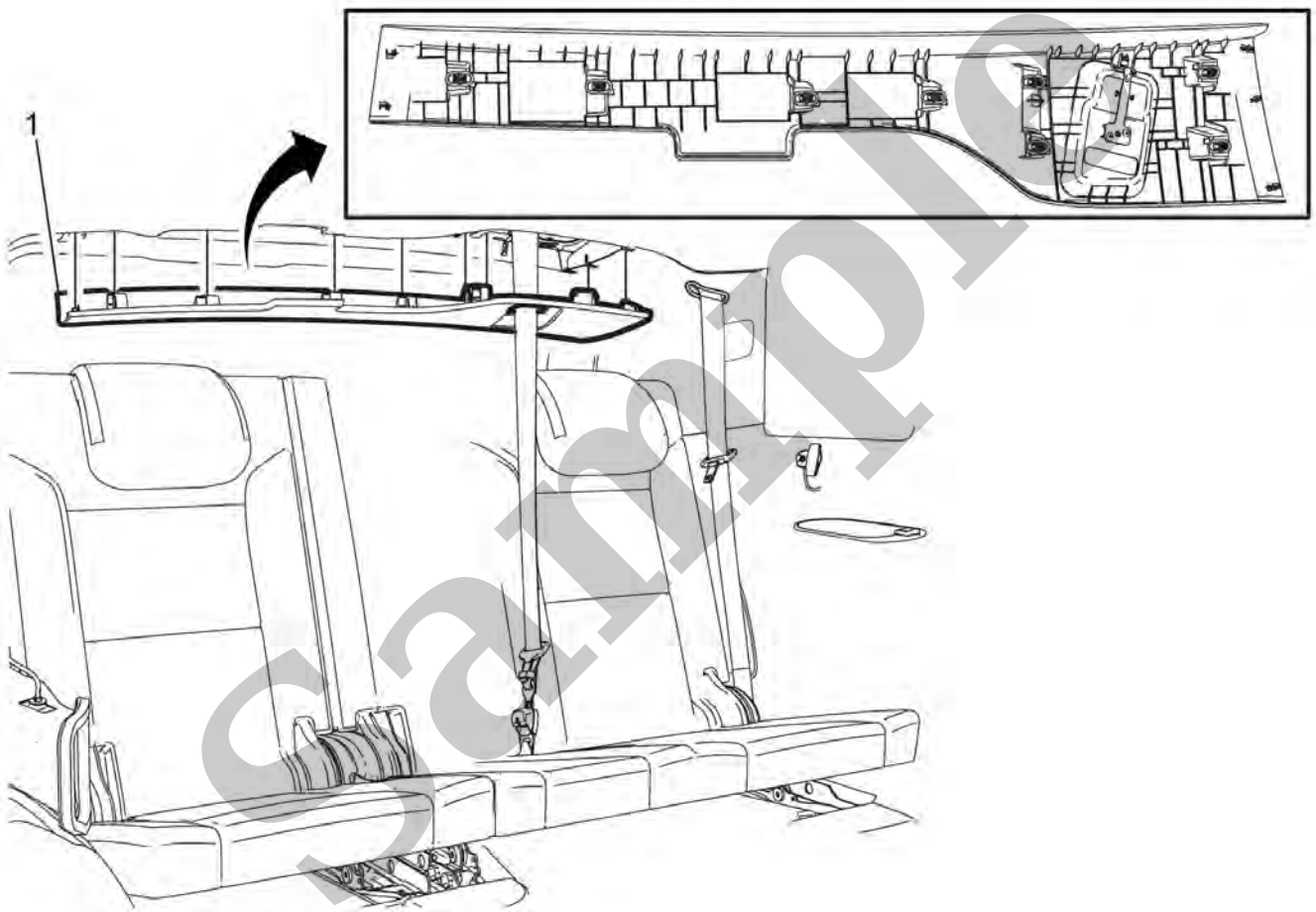
Callout	Component Name		
	<p data-bbox="375 174 1528 264">CAUTION</p> <p data-bbox="375 264 1528 465">Caution Refer to Fastener Caution.</p> <table border="1" data-bbox="375 465 624 640"><tr><td data-bbox="375 465 624 551">Tighten</td></tr><tr><td data-bbox="375 551 624 640">2.5 N·m (22 lb in)</td></tr></table>	Tighten	2.5 N·m (22 lb in)
Tighten			
2.5 N·m (22 lb in)			
2	Front Floor Console Compartment Bezel		

Sample

YOUR CURRENT VEHICLE

Roof Rear Header Garnish Molding Replacement

Roof Rear Header Garnish Molding Replacement (Standard Wheelbase)



Roof Rear Header Garnish Molding Replacement

Callout	Component Name
1	Roof Rear Header Garnish Molding
	Procedure Route seat belt through opening in garnish molding.



Connector End View Reference

[Master Electrical Component List](#)

Description and Operation

[Interior Lighting Systems Description and Operation](#)

Electrical Information Reference

- [Circuit Testing](#)
- [Connector Repairs](#)
- [Testing for Intermittent Conditions and Poor Connections](#)
- [Wiring Repairs](#)

Scan Tool Reference

[Control Module References](#) for scan tool information

Circuit/System Verification

1. Ignition ON.
2. Verify the courtesy lamps listed below operate normally when activated.
 - Dome/reading lamps – front overhead console
 - Sunshade lamps
 - Center console compartment lamp
 - **If the courtesy lamps do not operate normally**
Refer to [Courtesy Lamps Malfunction](#).
 - **If the courtesy lamps operate normally**
3. Refer to Circuit/System Testing.

Circuit/System Testing

1. NOTE

Note

CAV_4 4

6817_YE 6817 YE

1851_BK/WH 1851 BK/WH

CAV_8 8

CAV_6 6

6817_YE 6817 YE

CAV_1 1

1851_BK/WH 1851 BK/WH

CAV_2 2

BTM BTM: SWITCH-START, KEYLESS

[Schematics RPO Code List](#)

J71 J71: BRAKE PARKING-POWER OPERATED

[Schematics RPO Code List](#)

UV6 UV6: HEAD UP DISPLAY-WINDSHIELD

[Schematics RPO Code List](#)

6817_YE 6817 YE

1850_BK 1850 BK

CAV_8 8

X88 X88: MARKET BRAND-CHEVROLET

[Schematics RPO Code List](#)

Z88 Z88: MARKET BRAND-GMC

[Schematics RPO Code List](#)

6817_YE 6817 YE

CAV_5 5

2550 Ground

2550_BK 2550 BK

CAV_6 6

6817_YE 6817 YE

6817_YE 6817 YE