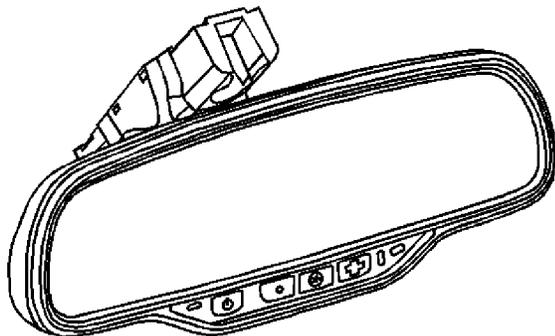


Fastener Tightening Specifications

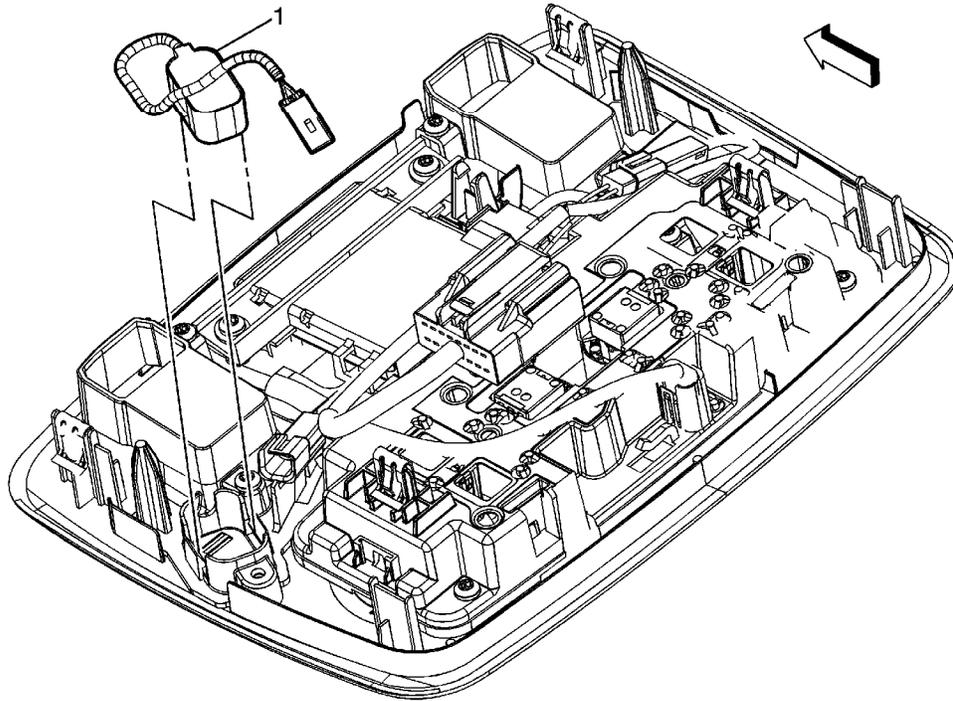
Application	Specification	
	Metric	English
Audio/Video Disc Player Adapter Screw	2 N·m	18 lb in
Front Floor Console Extension Accessory Upper Bezel Screws	2 N·m	18 lb in
Front Side Door Speaker Screw	2.5 N·m	22 lb in
Heater and A/C and Radio Control Module Screws	2 N·m	18 lb in
Radio Antenna Base Nut	9 N·m	80 lb in
Radio Front Floor Console Speaker Screws	9 N·m	80 lb in
Radio Front Speaker Screw	2.5 N·m	22 lb in
Radio Rear Quarter Trim Speaker Assembly Screw	2.5 N·m	22 lb in
Radio Screw	2.5 N·m	22 lb in
Radio Speaker Amplifier Screw	2.5 N·m	22 lb in
Rear Side Door Speaker Screw	2.5 N·m	22 lb in
Video Display Assembly Screws	2 N·m	18 lb in

OnStar Button Assembly Replacement



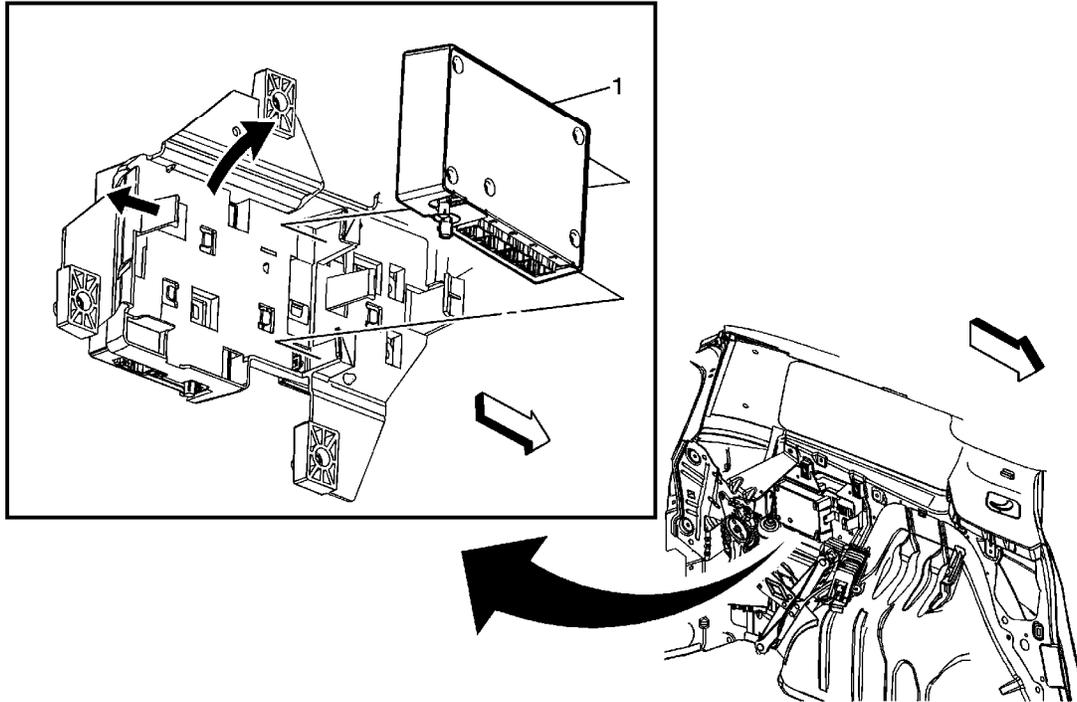
The OnStar[®] button assembly located on the inside rearview mirror can not be serviced separately. Should the button assembly need to be replaced, the entire inside rearview mirror assembly will need to be replaced. Refer to [Inside Rearview Mirror Replacement](#) .

Mobile Telephone Microphone Replacement



Callout	Component Name
Preliminary Procedure	
Remove the overhead console assembly. Refer to Roof Console Replacement .	
1	Mobile Telephone Microphone Assembly Procedure Disconnect the electrical connection.

Communication Interface Module Replacement



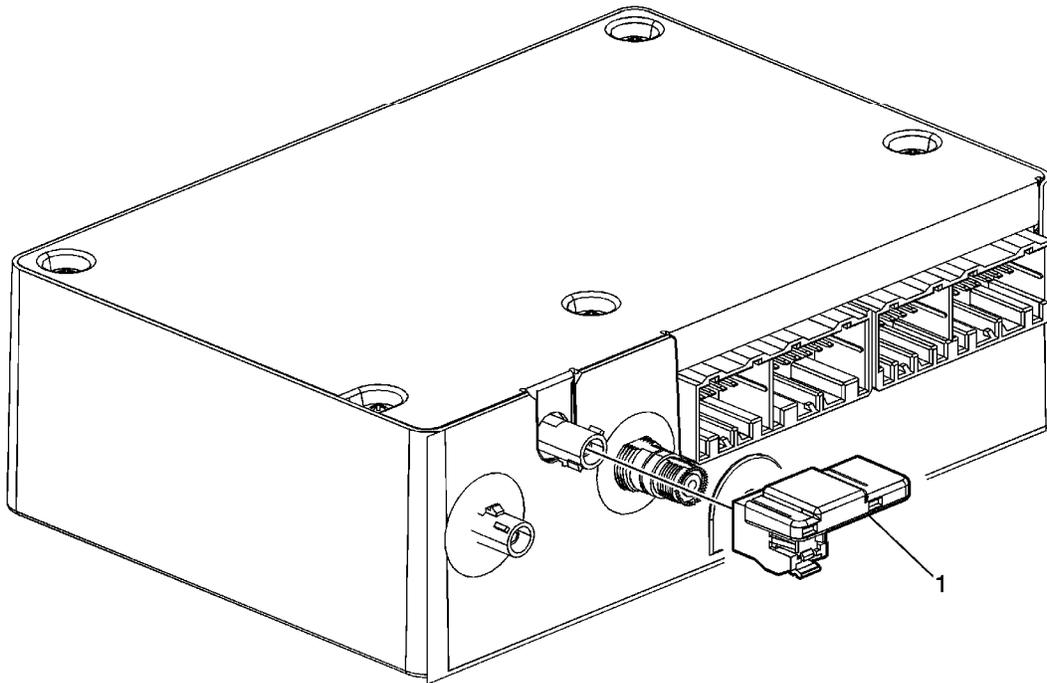
Callout	Component Name
<p>Preliminary Procedure</p> <p>Remove the left rear quarter lower trim panel. Refer to Quarter Lower Rear Trim Panel Replacement.</p>	
<p>1</p>	<p>Communication Interface Module</p> <p>Procedure</p> <ol style="list-style-type: none"> 1. Disconnect the electrical connectors. 2. When replacing the communication interface module be sure to transfer Bluetooth Antenna, if equipped. 3. Reprogram the communication interface module if replaced. Refer to Control Module References. 4. When replacing the VCIM, record the 11-digit electronic serial number (ESN) and the 10-digit station identification (STID) number from the label on the new VCIM. <p>Tip</p> <ul style="list-style-type: none"> • The vehicle communication interface module (VCIM) has a specific set of

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unique numbers that tie the module to each vehicle. These numbers, the 10-digit station identification and the 11-digit electronic serial number, are used by the National Cellular Network and OnStar® to identify the specific vehicle. Because these numbers are tied to the vehicle identification number of the vehicle, you must never exchange these parts with those of another vehicle.

- After replacing the vehicle communication interface module, you must reconfigure the OnStar® system. Failure to reconfigure the system will result in an additional customer visit for repair. In addition, pressing and holding the white dot button on the keypad will NOT reset this version of the OnStar® system. This action will cause a DTC to set.

Wireless Communication Interface Antenna Replacement



Callout	Component Name
Preliminary Procedure	
Remove the communication interface module. Refer to Communication Interface Module Replacement	
1	Wireless Communication Interface Antenna Bluetooth Module Procedure Unsnap the Antenna from Communication Module.

Compact Disc Care and Cleaning

Care of CDs

Handle CDs carefully. Store them in their original cases or other protective cases and away from direct sunlight and dust. The CD player scans the bottom surface of the disc. If the surface of a CD is damaged, such as cracked, broken, scratched, or wrinkled labeling, the CD will not play properly or not at all. If the surface of a CD is soiled, take a soft, lint free cloth or dampen a clean, soft cloth in a mild, neutral detergent solution mixed with water, and clean it. Make sure the wiping process starts from the center to the edge. Do not touch the bottom side of a CD while handling it. This could damage the surface. Pick up CDs by grasping the outer edges or the edge of the hole and the outer edge.

Care of the CD Player

The use of CD lens cleaners for CD players is not advised, due to the risk of contaminating the internal lens of the CD optics with lubricants.

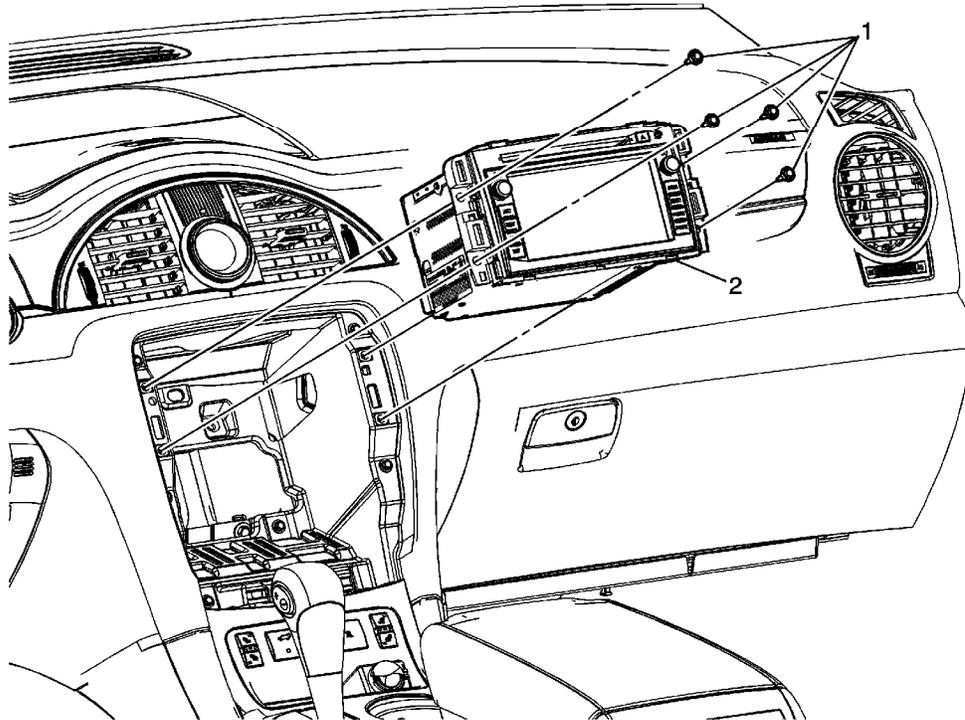
Stuck CDs

Interrupting the battery power by pulling the fuse will sometimes release a stuck CD. If a CD is stuck, and removed, inspect it for warps, cracks, etc. If the CD is damaged, do not replace the radio.

Labeling CDs

Paper labels can eventually warp and wrinkle, and this will cause the disc to jam inside the CD player. Try labeling the top of the discs with a soft magic marker instead.

Radio Replacement



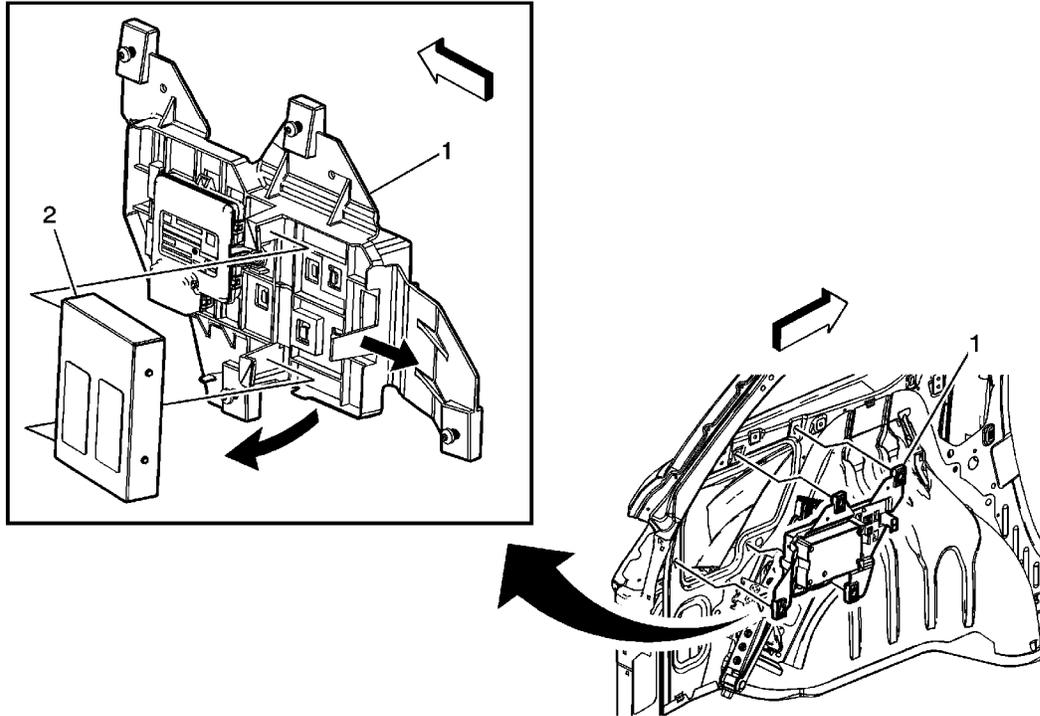
Callout	Component Name
<p>Preliminary Procedure</p> <p>Remove the instrument panel accessory trim plate. Refer to Instrument Panel Accessory Trim Plate Replacement.</p>	
<p>1</p>	<p>Radio Screw (Qty: 4)</p> <p>Caution: Refer to Component Fastener Tightening Caution in the Preface section.</p> <p>Tighten 2.5 N·m (22 lb in)</p>
<p>2</p>	<p>Radio Assembly</p> <p>Procedure</p> <ol style="list-style-type: none"> 1. Disconnect the electrical connector. 2. Disconnect the antenna cable. 3. Reprogram the radio after replacement. Refer to Control Module References.

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Tip

When installing the radio verify that the locator pin on the back of the radio is firmly seated in the I/P structure extension.

Digital Radio Receiver Replacement

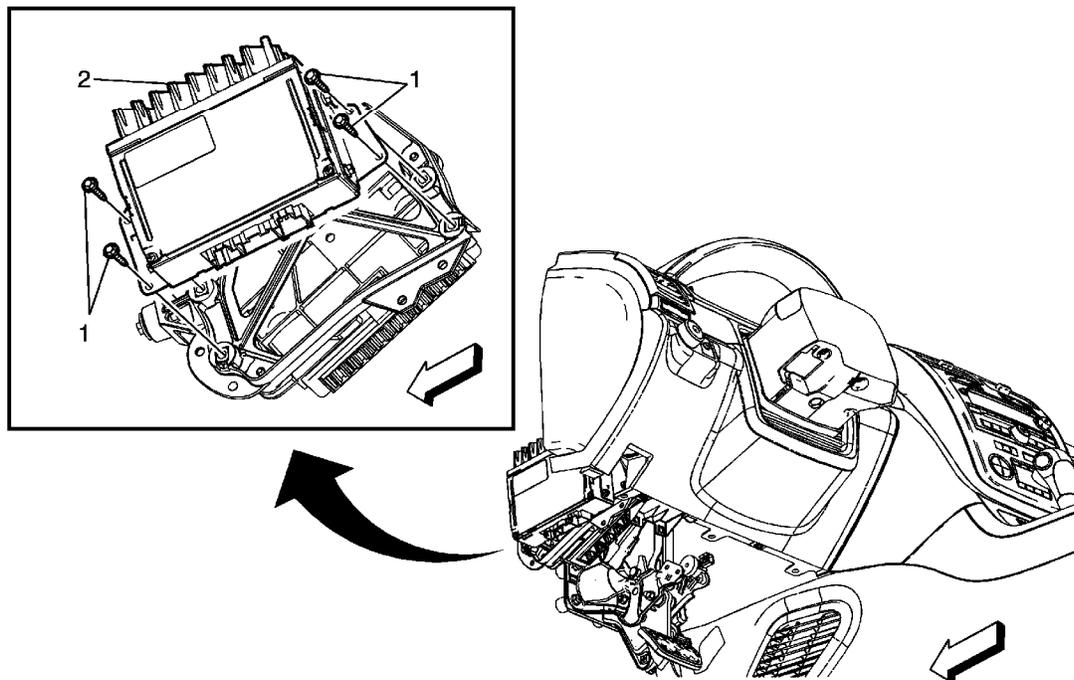


Callout	Component Name
<p>Preliminary Procedures</p> <ol style="list-style-type: none"> 1. Remove the left rear quarter lower trim panel. Refer to Quarter Lower Rear Trim Panel Replacement. 2. Remove the liftgate close actuator bracket (if equipped). Refer to Liftgate Close Actuator Bracket Replacement. 	
<p>1</p>	<p>Communication Interface Module Bracket</p> <p>Procedure</p> <p>Disconnect the electrical connectors.</p>
<p>2</p>	<p>Digital Radio Receiver</p> <p>Procedure</p> <p>Refer to Control Module References for programming and set up information.</p> <p>Tip</p>

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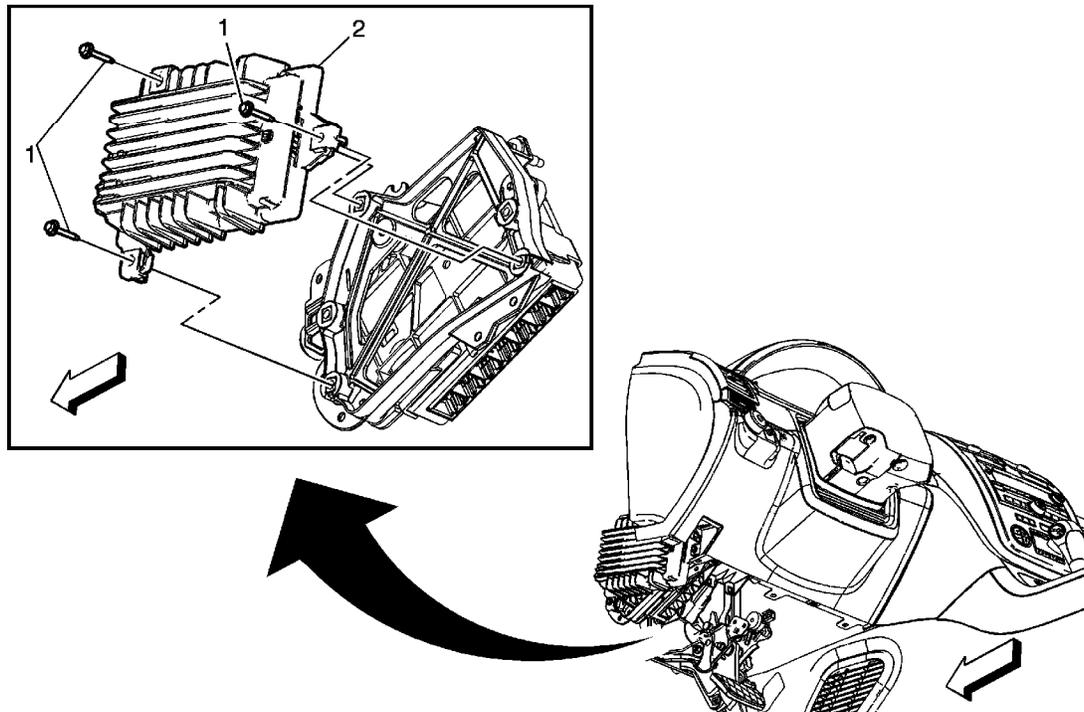
Pull tab to release the receiver.

Radio Speaker Amplifier Replacement (With UQG)



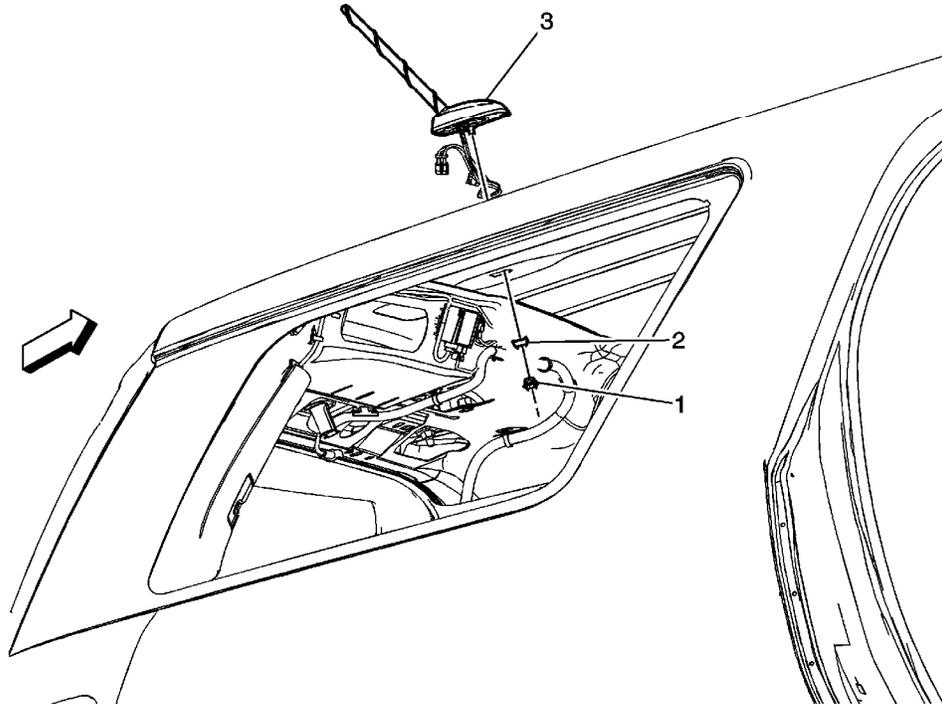
Callout	Component Name
<p>Preliminary Procedure</p> <p>Remove the left side instrument panel insulator panel. Refer to Instrument Panel Insulator Panel Replacement - Left Side.</p>	
<p>1</p>	<p>Radio Speaker Amplifier Screw (Qty: 4)</p> <p>Caution: Refer to Fastener Caution in the Preface section.</p> <p>Tighten 2.5 N·m (22 lb in)</p>
<p>2</p>	<p>Radio Speaker Amplifier Assembly</p> <p>Procedure</p> <p>Disconnect the electrical connector.</p>

Radio Speaker Amplifier Replacement (With UQA/UQS)



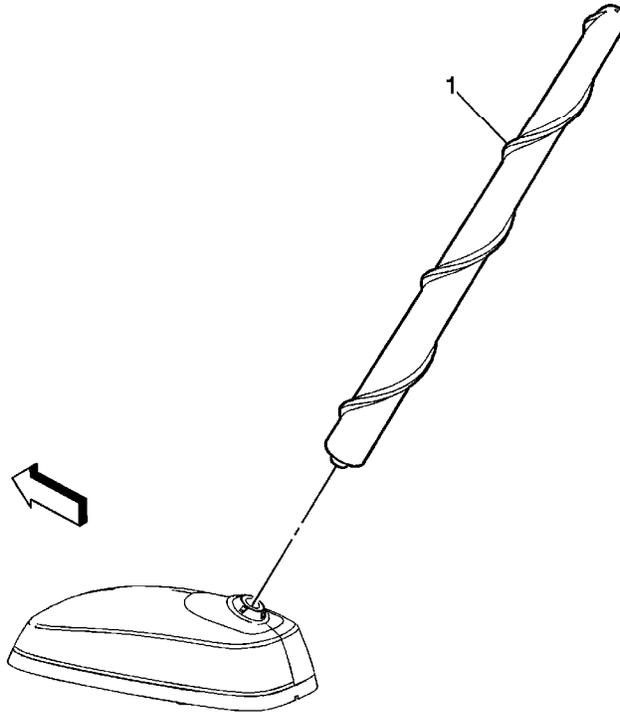
Callout	Component Name
Preliminary Procedure	
Remove the left side instrument panel insulator panel. Refer to Instrument Panel Insulator Panel Replacement - Left Side .	
1	Radio Speaker Amplifier Screw (Qty: 3) Caution: Refer to Fastener Caution in the Preface section. Tighten 2.5 N·m (22 lb in)
2	Procedure Disconnect the electrical connector.

Radio Antenna Base Replacement



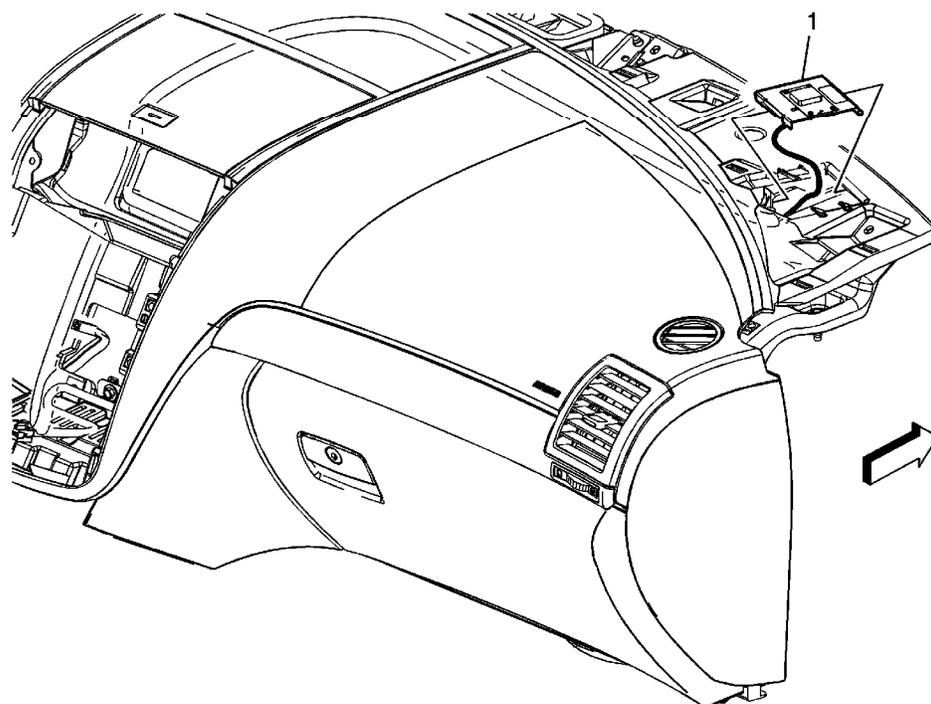
Callout	Component Name
Preliminary Procedure	
Lower the rear of the headliner. Refer to Headlining Trim Panel Replacement .	
1	Radio Antenna Base Nut Caution: Refer to Fastener Caution in the Preface section. Tighten 9 N·m (80 lb in)
2	Radio Antenna Base Washer
3	Radio Antenna Base Assembly Procedure Disconnect the electrical connections.

Digital Radio Antenna Replacement



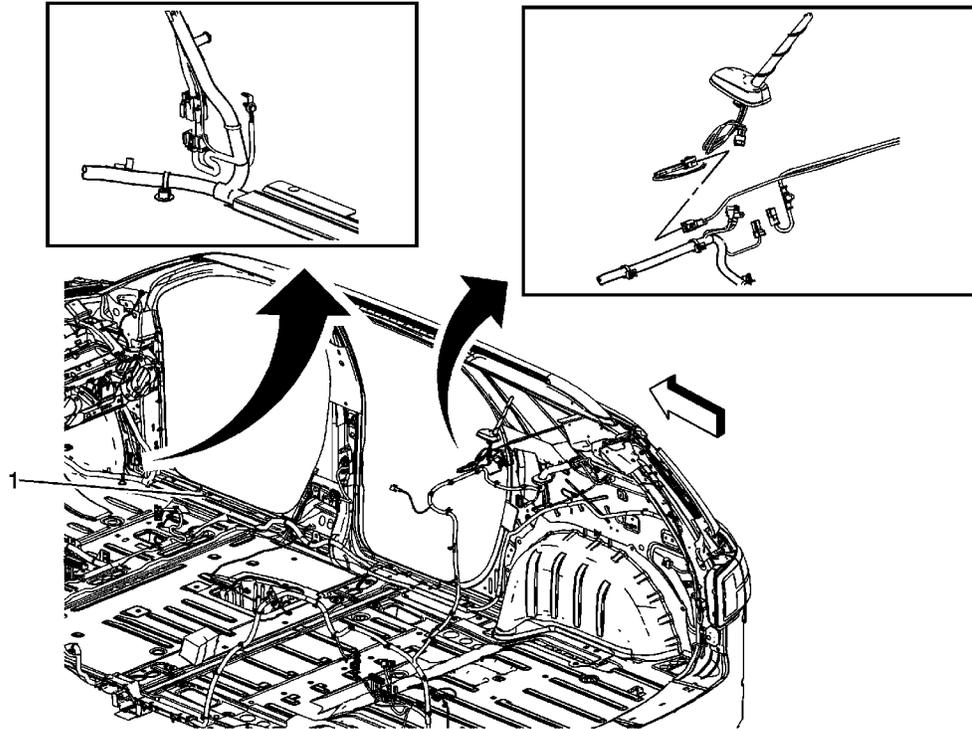
Callout	Component Name
1	<p>Radio Antenna</p> <p>Procedure</p> <p>Screw the radio antenna into the radio antenna base assembly.</p>

Electronic Navigation Antenna Replacement



Callout	Component Name
<p>Preliminary Procedures</p> <ol style="list-style-type: none"> 1. Remove the instrument panel trim pad. Refer to Instrument Panel Trim Pad Replacement . 2. Remove the radio. Refer to Radio Replacement . 	
<p>1</p>	<p>Navigation Antenna Assembly</p> <p>Procedure</p> <ol style="list-style-type: none"> 1. Disconnect the navigation antenna from the radio. 2. Pull the tab back to release the navigation antenna from the I/P upper trim pad. 3. Note the location and routing of the gps antenna prior to removing to ensure proper reinstallation.

Digital Radio Antenna Cable Replacement

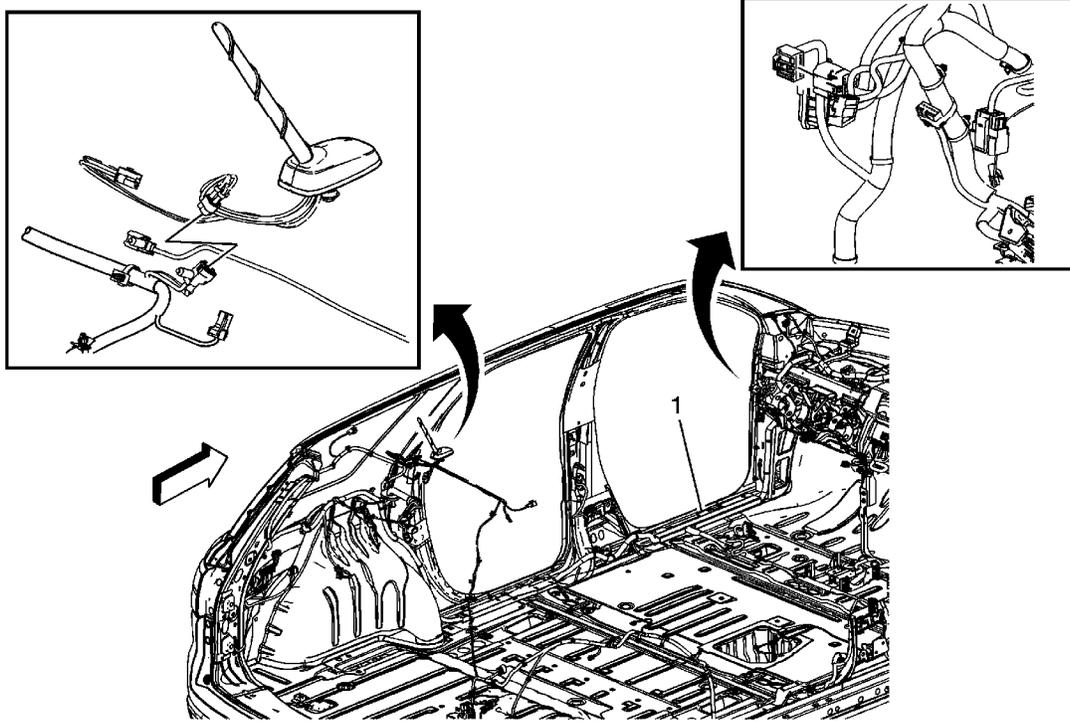


Callout	Component Name
<p>Preliminary Procedures</p> <ol style="list-style-type: none"> 1. Remove the right rear quarter lower trim panel. Refer to Quarter Lower Rear Trim Panel Replacement . 2. Remove the right center pillar lower garnish molding. Refer to Center Pillar Lower Garnish Molding Replacement . 3. Remove the right front carpet retainer. Refer to Front Carpet Retainer Replacement . 4. Remove the right front floor panel carpet as needed. Refer to Front Floor Panel Carpet Replacement - Right Side . 5. Lower the rear of the headliner as needed. Refer to Headlining Trim Panel Replacement . 6. Remove the I/P compartment. Refer to Instrument Panel Compartment Replacement . 7. Remove the radio. Refer to Radio Replacement . 	
<p>1</p>	<p>Digital Radio Antenna Cable</p> <p>Procedure</p> <ol style="list-style-type: none"> 1. Disconnect the electrical connectors at each end of the antenna. 2. If the antenna cable is taped into the wiring harness, then cut the ends off the

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old antenna and route the new antenna as close to the old one as possible using tie straps to secure the new cable.

Antenna Cable Replacement

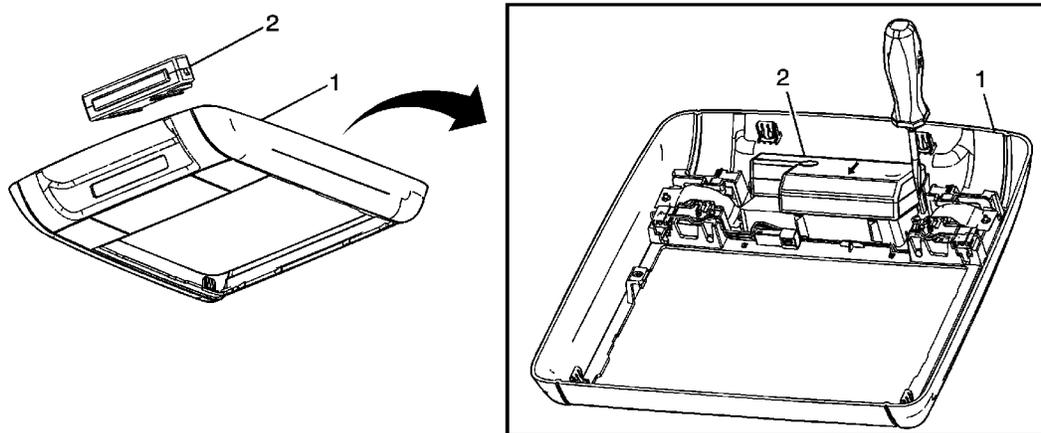


Callout	Component Name
<p>Preliminary Procedures</p> <ol style="list-style-type: none"> 1. Remove the left rear quarter lower trim panel. Refer to Quarter Lower Rear Trim Panel Replacement. 2. Remove the left center pillar lower garnish molding. Refer to Center Pillar Lower Garnish Molding Replacement. 3. Remove the front carpet retainer. Refer to Front Carpet Retainer Replacement. 4. Remove the front floor panel carpet as needed. Refer to Front Floor Panel Carpet Replacement - Left Side or Front Floor Panel Carpet Replacement - Right Side. 5. Lower the rear of the headliner as needed. Refer to Headlining Trim Panel Replacement. 6. Remove the left IP outer trim cover. Refer to Instrument Panel Compartment Access Hole Cover Replacement. 7. Remove the radio. Refer to Radio Replacement. 	
<p>1</p>	<p>Antenna Cable</p> <p>Procedure</p> <ol style="list-style-type: none"> 1. Disconnect the electrical connectors at each end of the antenna.

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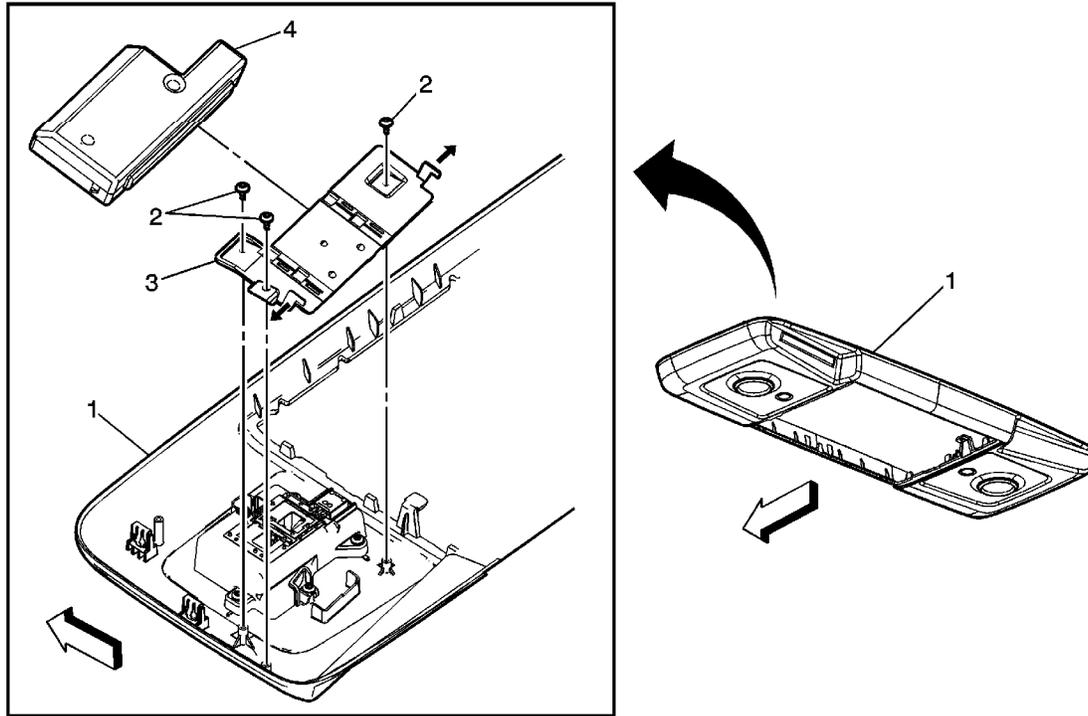
2. If the antenna cable is taped into the wiring harness then cut the ends off the old antenna and route the new antenna as close to the old one as possible using tie straps to secure the new cable.

Audio System Transceiver Module Replacement (U42)



Callout	Component Name
<p>Preliminary Procedure</p> <p>Remove the video display assembly. Refer to Video Display Replacement .</p>	
1	<p>Roof Console Assembly</p> <p>Refer to Roof Rear Console Replacement .</p>
2	<p>Audio System Transceiver Module Assembly</p> <p>Procedure</p> <ol style="list-style-type: none"> 1. Disconnect the electrical connector. 2. Use a flat bladed tool to release the tabs that secure the module to the roof console on each side of the module. 3. Slide forward and up to release from the roof console.

Audio System Transceiver Module Replacement (U42/C3U)



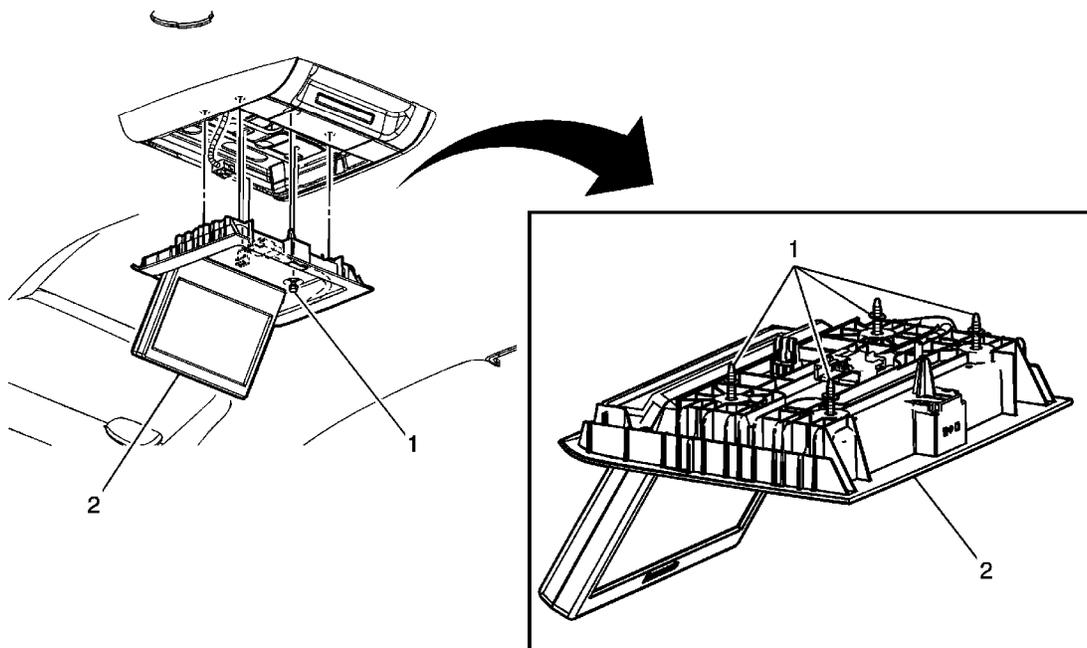
Callout	Component Name
Preliminary Procedure	
Remove the video display assembly. Refer to Video Display Replacement .	
1	Roof Console Assembly Refer to Roof Rear Console Replacement .
2	Audio System Transceiver Module Mounting Bracket Screw (Qty: 3) Caution: Refer to Fastener Caution in the Preface section. Tighten 2 N·m (18 lb in)
3	Audio System Transceiver Module Mounting Bracket
	Audio System Transceiver Module Assembly
	Procedure

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4

1. Disconnect the electrical connector.
2. Use a flat-bladed tool to release the tabs that secure the module to the bracket on each side of the module.
3. Slide out to release the module from the bracket.

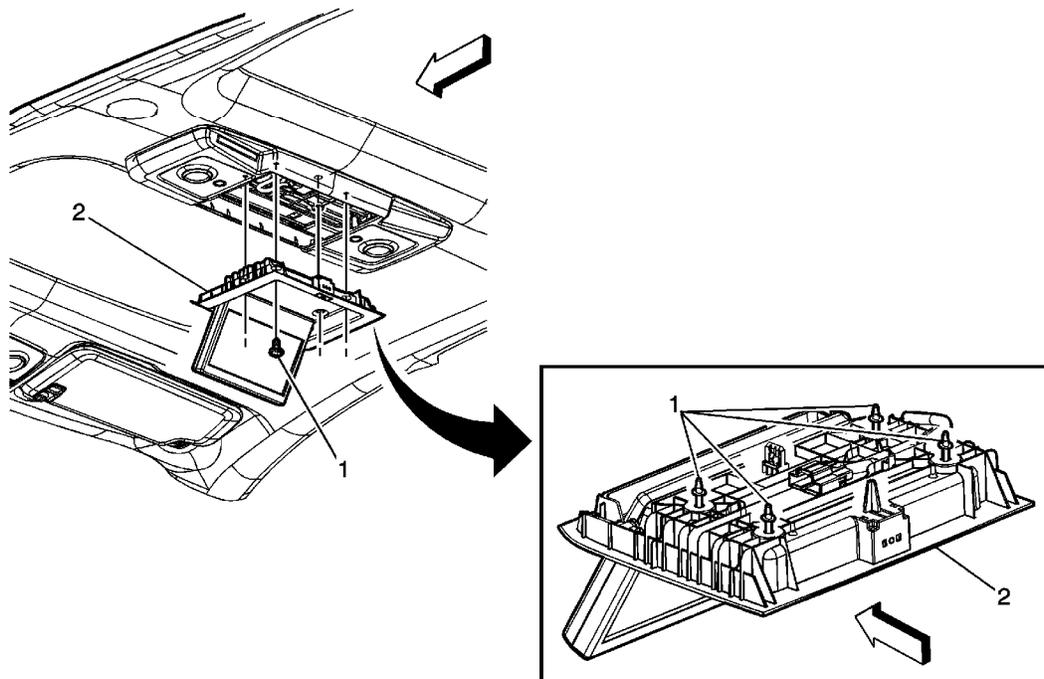
Video Display Replacement (U42)



Callout	Component Name
1	<p>Video Display Assembly Screw (Qty: 4)</p> <p>Caution: Refer to Fastener Caution in the Preface section.</p> <p>Procedure</p> <p>Make sure that all 4 washers on the 4 mounting screws are accounted for. If any washers are off the screw and loose, discard to prevent a rattle. The washers were required only for assembly plant installation, and can be used if still on the screw or they can be discarded.</p> <p>Tighten 2 N·m (18 lb in)</p>
2	<p>Video Display Assembly</p> <p>Procedure</p> <ol style="list-style-type: none"> 1. Pull down to disengage the retainer clip and remove from the vehicle. 2. Disconnect the electrical connector.

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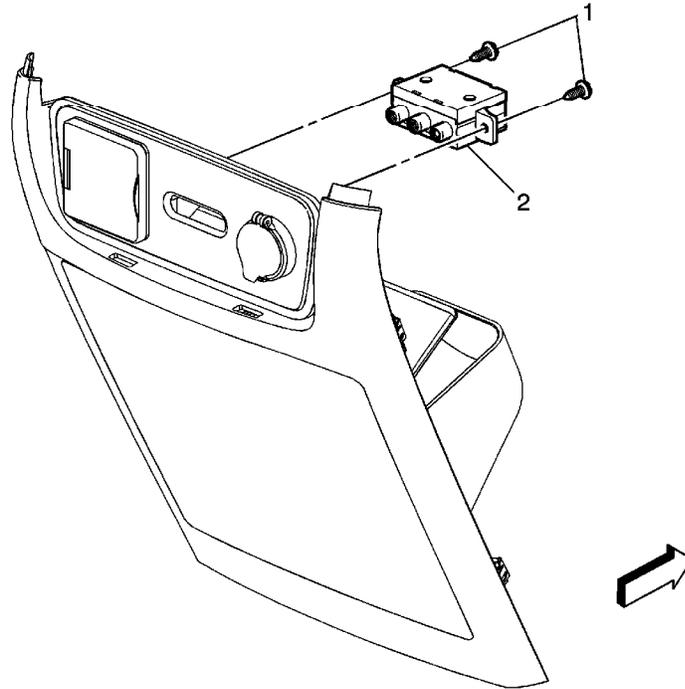
Video Display Replacement (U42/C3U)



Callout	Component Name
	Video Display Assembly Screw (Qty: 4) Caution: Refer to Fastener Caution in the Preface section. Procedure 1 Make sure that all 4 washers on the 4 mounting screws are accounted for. If any washers are off the screw and loose, discard to prevent a rattle. The washers were required only for assembly plant installation, and can be used if still on the screw or they can be discarded. Tighten 2 N·m (18 lb in)
	Video Display Assembly Procedure 1. Pull down to disengage the retainer clip and remove from the vehicle. 2. Disconnect the electrical connector.

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Audio/Video Disc Player Adapter Replacement



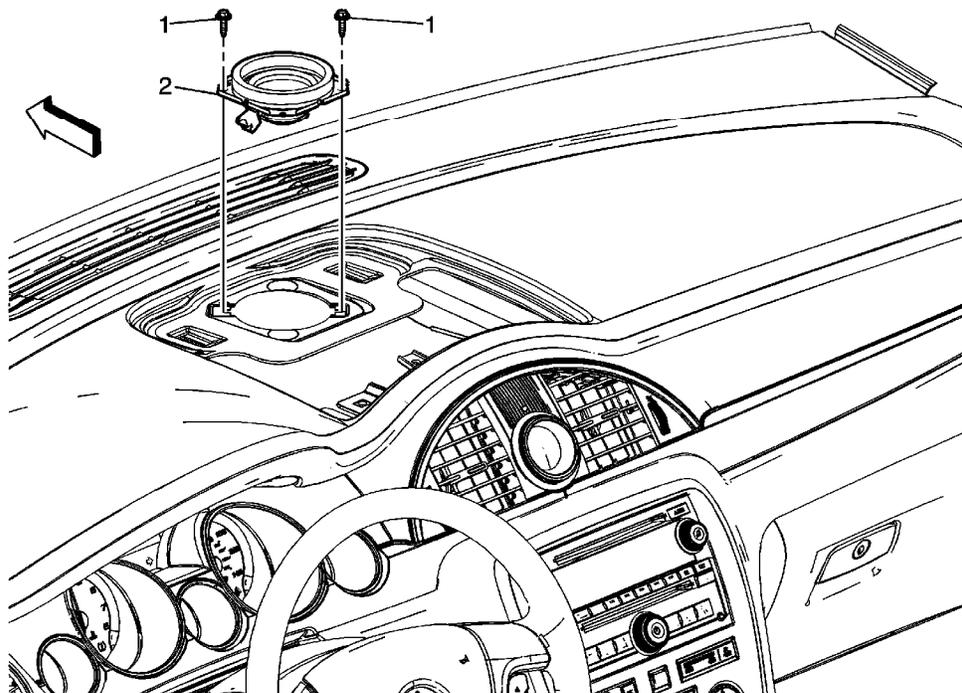
Callout	Component Name
Preliminary Procedure	
Remove the front floor console rear trim panel. Refer to Front Floor Console Rear Trim Panel Replacement .	
1	Audio/Video Disc Player Adapter Screw (Qty: 2) Caution: Refer to Fastener Caution in the Preface section. Tighten 2 N·m (18 lb in)
2	Audio/Video Disc Player Adapter Assembly

Radio Rear Speaker Grille Replacement



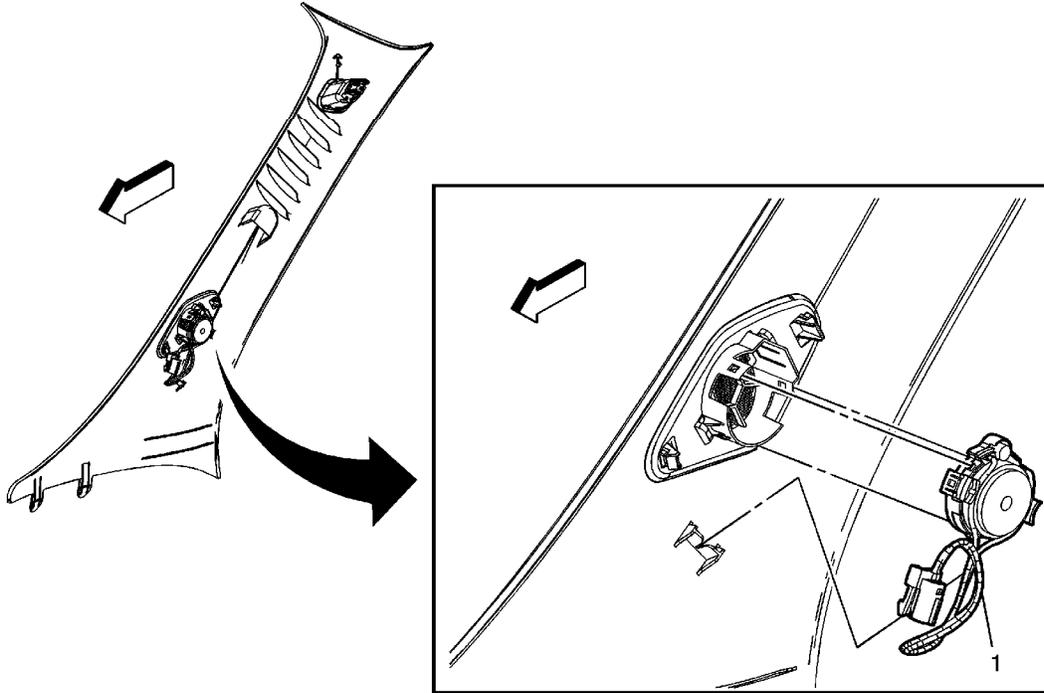
Callout	Component Name
1	Radio Rear Quarter Trim Panel Speaker Grille Procedure Unsnap Speaker Grille from panel.

Radio Front Speaker Replacement



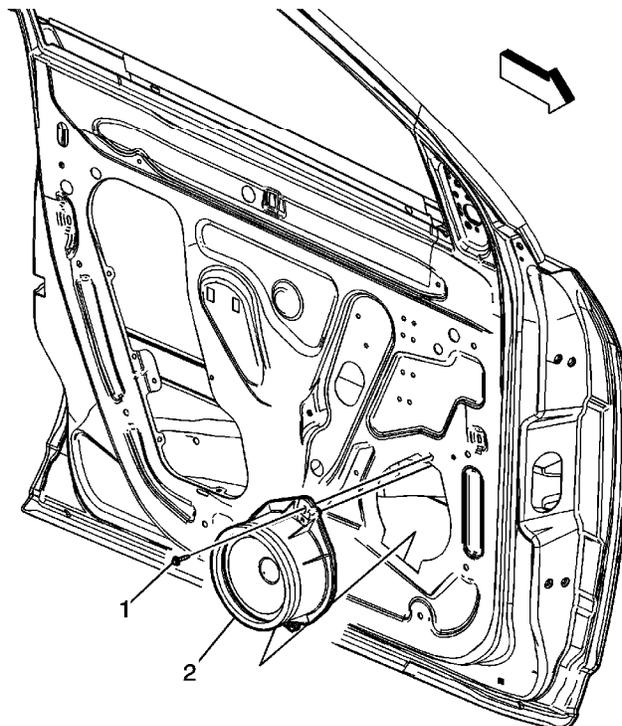
Callout	Component Name
<p>Preliminary Procedure</p> <p>Remove the instrument panel center compartment. Refer to Instrument Panel Center Compartment Replacement.</p>	
<p>1</p>	<p>Radio Front Speaker Screw (Qty: 2)</p> <p>Caution: Refer to Component Fastener Tightening Caution in the Preface section.</p> <p>Tighten 2.5 N·m (22 lb in)</p>
<p>2</p>	<p>Radio Front Speaker Assembly</p> <p>Procedure</p> <p>Disconnect the electrical connector.</p>

Front Upper Speaker Replacement



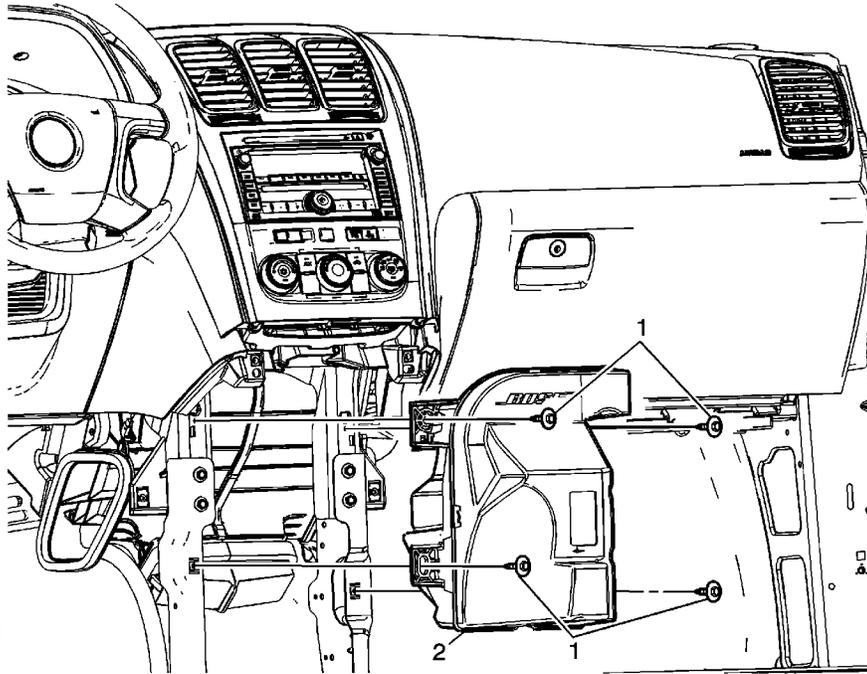
Callout	Component Name
Preliminary Procedure	
Remove the windshield pillar garnish molding. Refer to Windshield Garnish Molding Replacement - Left Side and Windshield Garnish Molding Replacement - Right Side .	
1	Radio Windshield Side Garnish Molding Speaker Assembly Tip Press in the tabs on the speaker to release from the windshield pillar.

Radio Front Side Door Speaker Replacement



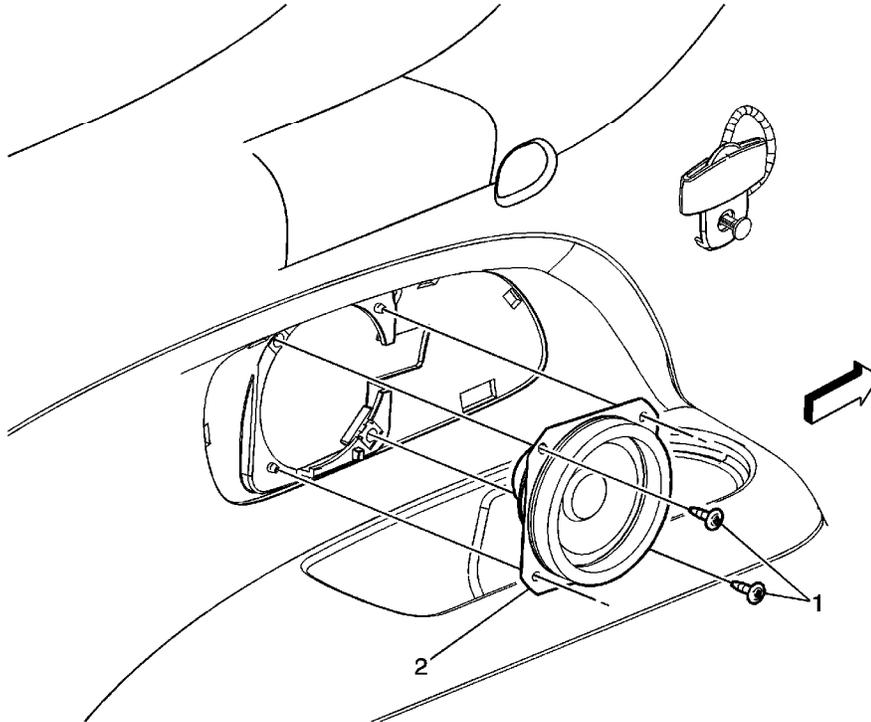
Callout	Component Name
<p>Preliminary Procedure</p> <p>Remove the front side door trim panel. Refer to Front Side Door Trim Panel Replacement - Left Side or Front Side Door Trim Panel Replacement - Right Side.</p>	
<p>1</p>	<p>Front Side Door Speaker Screw</p> <p>Caution: Refer to Fastener Caution in the Preface section.</p> <p>Tighten 2.5 N·m (22 lb in)</p>
<p>2</p>	<p>Front Side Door Speaker</p> <p>Procedure</p> <p>Disconnect the electrical connectors.</p>

Radio Front Floor Console Speaker Replacement



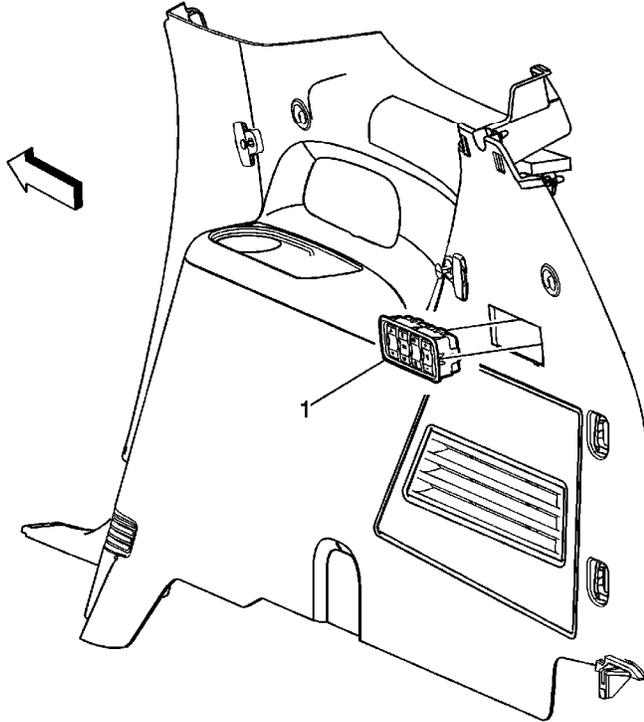
Callout	Component Name
Preliminary Procedure	
Remove the front floor console assembly. Refer to Front Floor Console Replacement .	
1	Radio Front Floor Console Speaker Screws (Qty: 4) Caution: Refer to Fastener Caution in the Preface section. Tighten 9 N·m (80 lb in)
2	Radio Front Floor Console Speaker Assembly Procedure Disconnect the electrical connector.

Radio Rear Speaker Replacement



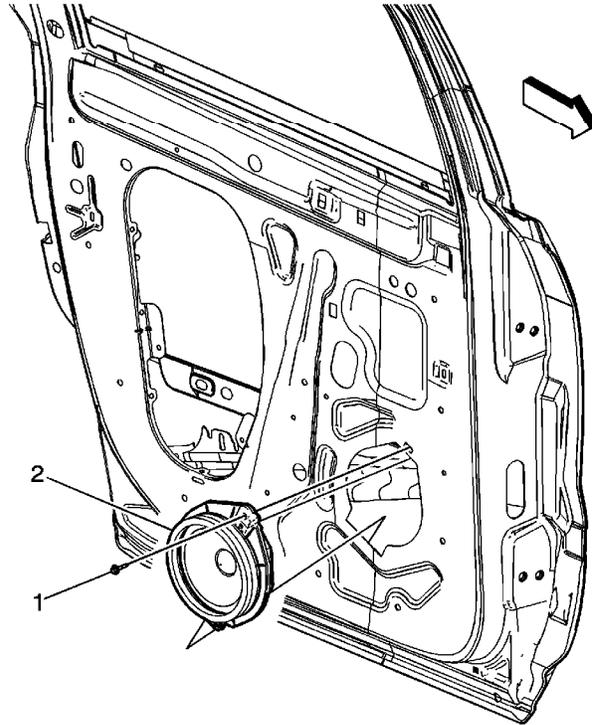
Callout	Component Name
Preliminary Procedure	
Remove the rear speaker grille. Refer to Radio Rear Speaker Grille Replacement .	
1	Radio Rear Quarter Trim Speaker Assembly Screw (Qty: 2) Caution: Refer to Fastener Caution in the Preface section. Tighten 2.5 N·m (22 lb in)
2	Radio Rear Quarter Trim Speaker Assembly Procedure Disconnect the electrical connector.

Radio Control Switch Replacement - Rear



Callout	Component Name
Preliminary Procedures Remove the rear quarter lower trim panel. Refer to Quarter Lower Rear Trim Panel Replacement .	
1	AM/FM Stereo Radio Remote Control Assembly

Radio Rear Side Door Speaker Replacement



Callout	Component Name
Preliminary Procedure	
Remove the rear door inner trim panel. Refer to Rear Side Door Trim Panel Replacement .	
1	Rear Side Door Speaker Screw Caution: Refer to Fastener Caution in the Preface section. Tighten 2.5 N·m (22 lb in)
2	Procedure Disconnect the electrical connectors.