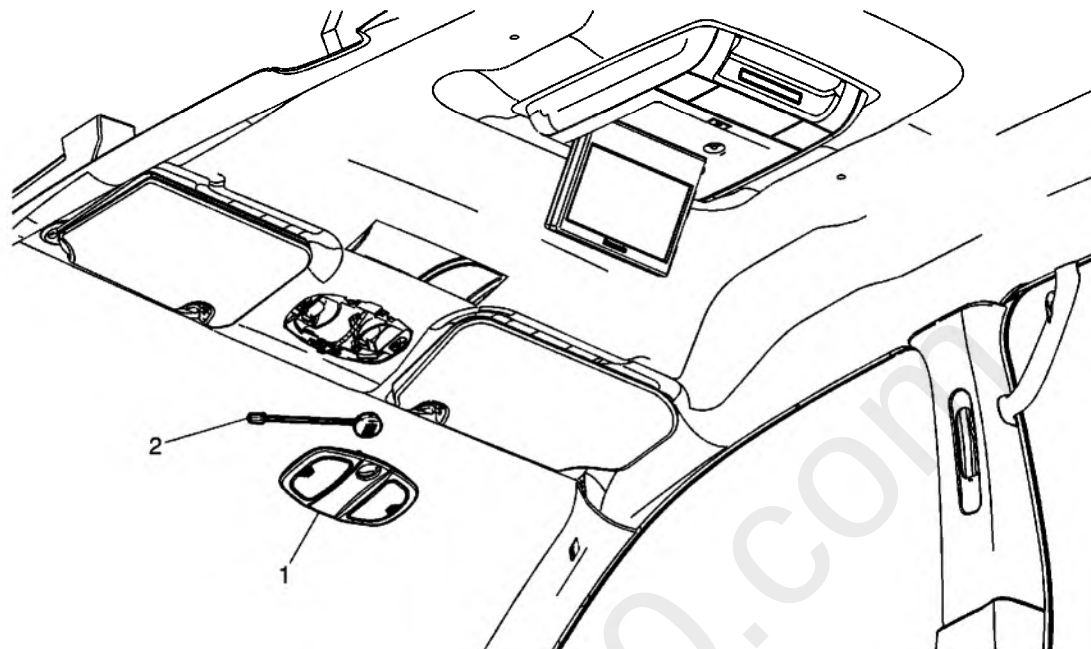


Fastener Tightening Specifications

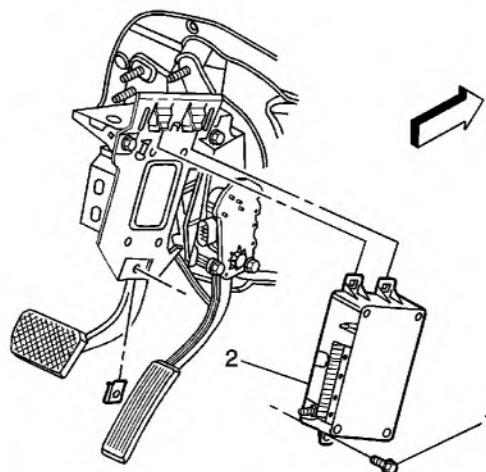
Application	Specification	
	Metric	English
Amplifier Screw	3 N·m	26 lb in
Communication Interface Module Battery Nut	10 N·m	89 lb in
Communication Interface Module Bolt	10 N·m	89 lb in
Digital Radio Antenna Base Bolt	5 N·m	44 lb in
Digital Radio Receiver Nut	4 N·m	35 lb in
Front Door Speaker Screw	2.5 N·m	22 lb in
Mobile Telephone and Vehicle Location Antenna Assembly Bolt	5 N·m	44 lb in
Radio Door Screw	2 N·m	18 lb in
Radio Rear Compartment Speaker Bolt	2.5 N·m	22 lb in
Radio Rear Compartment Speaker Nut	2.5 N·m	22 lb in

Mobile Telephone Microphone Replacement



Callout	Component Name
Preliminary Procedures	
1. Remove the windshield pillar moldings. Refer to Windshield Upper Garnish Molding Replacement. 2. Remove the sunshades. Refer to Sunshade Replacement.	
1	Reading Lamp Assembly Procedure 1. Pull gently at the front of the reading lamp cover to disengage the retainer clips. 2. Rotate the cover rearward until the rear attaching hooks are released. 3. Disconnect the electrical connectors.
2	Mobile Telephone Microphone Assembly

Communication Interface Module Replacement



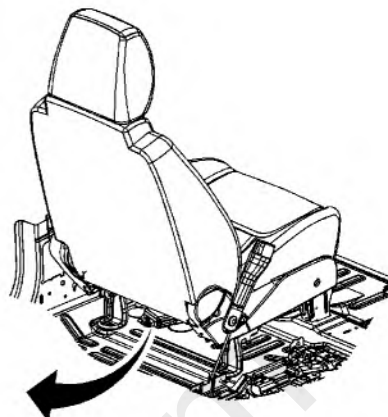
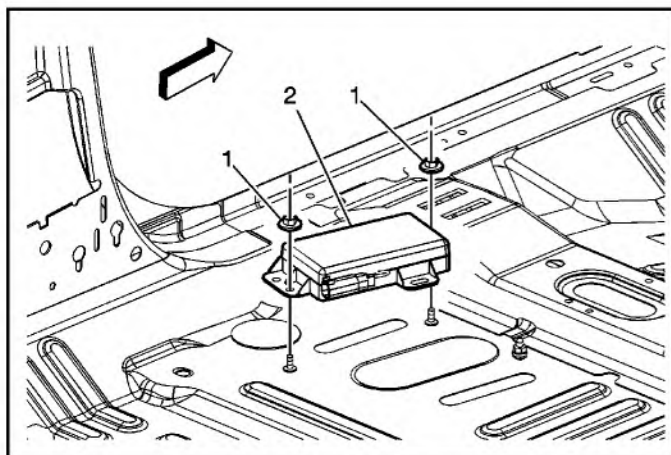
Callout	Component Name
Preliminary Procedure	
Remove the left instrument panel insulator. Refer to Instrument Panel Insulator Panel Replacement - Left Side .	
1	Communication Interface Module Bolt Caution: Refer to Fastener Caution in the Preface section. Tighten 10 N·m (89 lb in)
2	Communication Interface Module Procedure 1. Pull down to release the module from the bracket. 2. Disconnect the electrical connectors, the GPS antenna, and the cellular coax cable. 3. If replacing the module, record the 10-digit STID number, and the 11-digit ESN number from the labels on the new module. 4. Reconfigure the OnStar® system. Refer to Control Module References. 5. When replacing the communication interface module be sure to transfer the Bluetooth antenna, if equipped. Tip The vehicle communication interface module (VCIM) has a specific set of 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

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	numbers are tied to the vehicle identification number of the vehicle, you must never exchange these parts with those of another vehicle.
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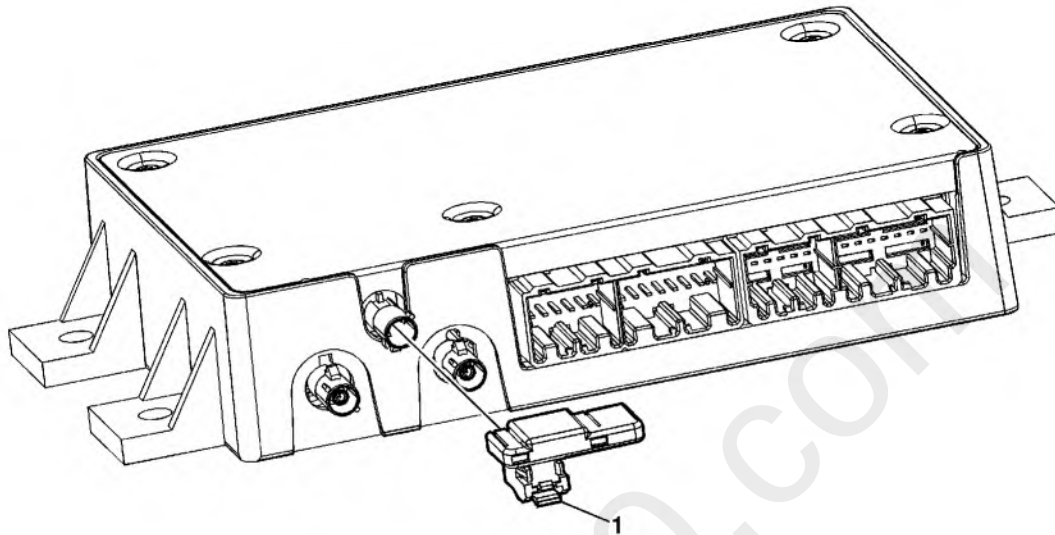
mcx30.com

Communication Interface Module Battery Replacement



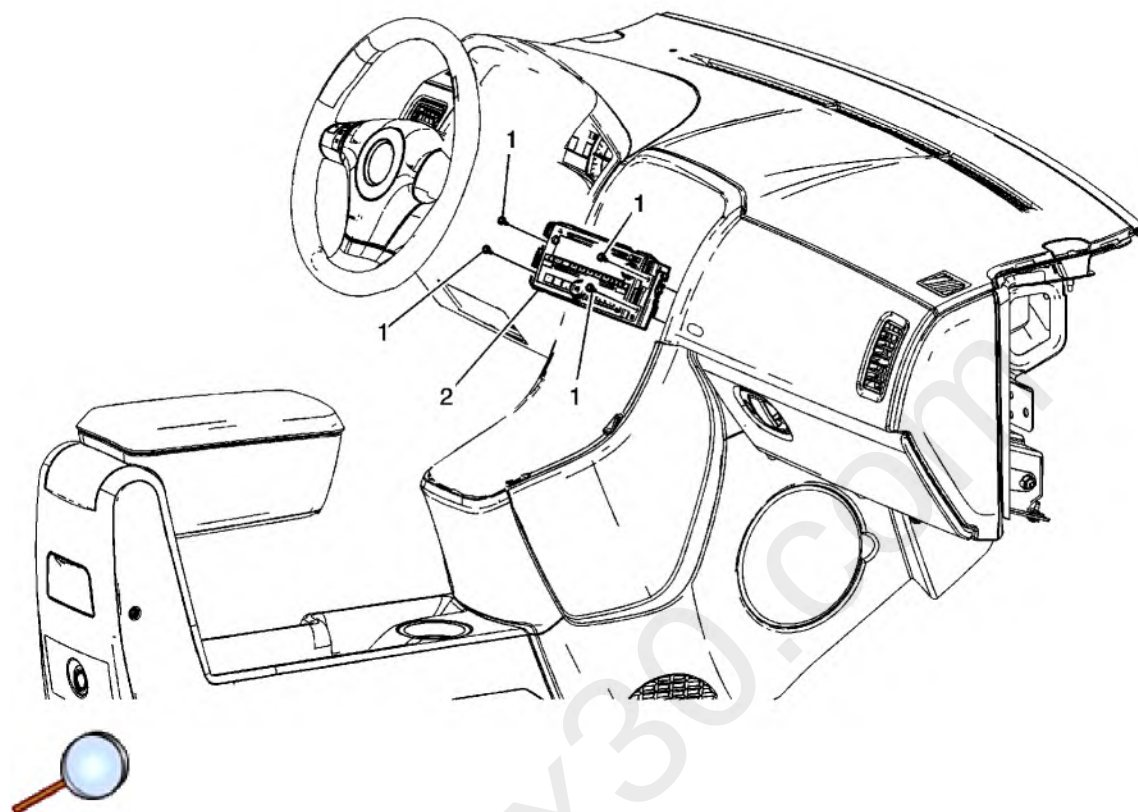
Callout	Component Name
Preliminary Procedures 1. Remove the driver seat. Refer to Front Seat Replacement - Bucket. 2. Remove the left carpet retainer. Refer to Front Side Door Opening Floor Carpet Retainer Replacement. 3. Remove the left lower center pillar molding. Refer to Center Pillar Lower Garnish Molding Replacement. 4. Move the carpet back enough to gain access to the communication interface module battery.	
1	Communication Interface Module Battery Nut (Qty: 3) Caution: Refer to Fastener Caution in the Preface section. Tighten 10 N·m (89 lb in)
2	Communication Interface Module Battery Tip Disconnect the electrical connector.

Wireless Communication Interface Antenna Replacement



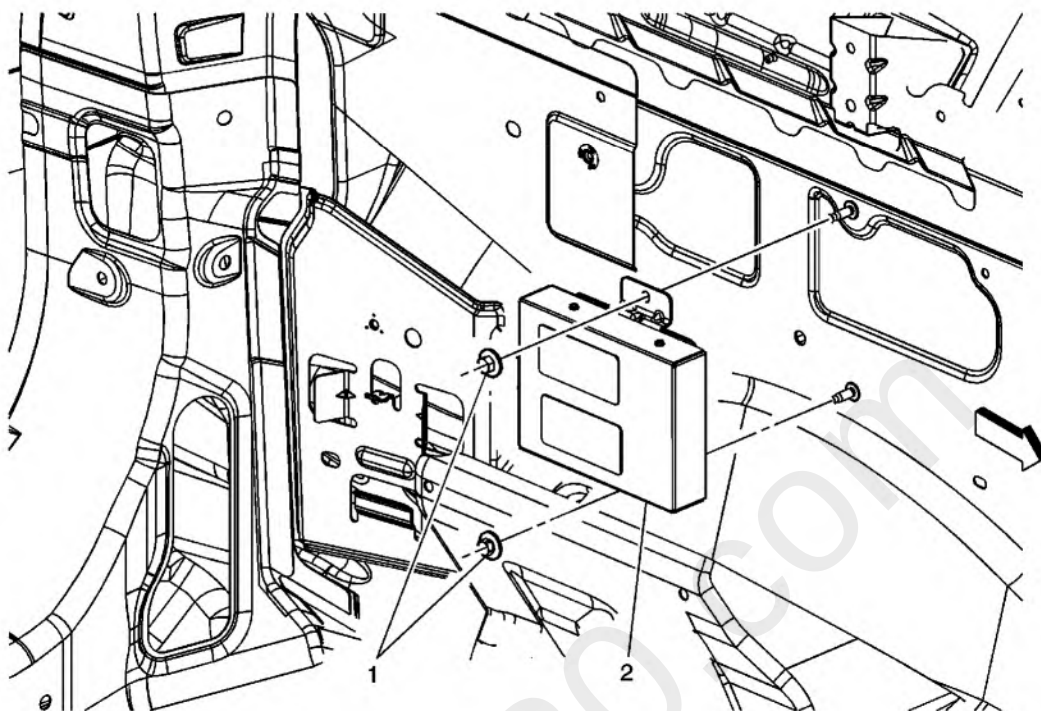
Callout	Component Name
Preliminary Procedure	
Remove the communication interface module. Refer to Communication Interface Module Replacement	
1	Wireless Communication Interface Antenna Bluetooth Module Procedure Unsnap the Antenna from Communication Module.

Radio Replacement



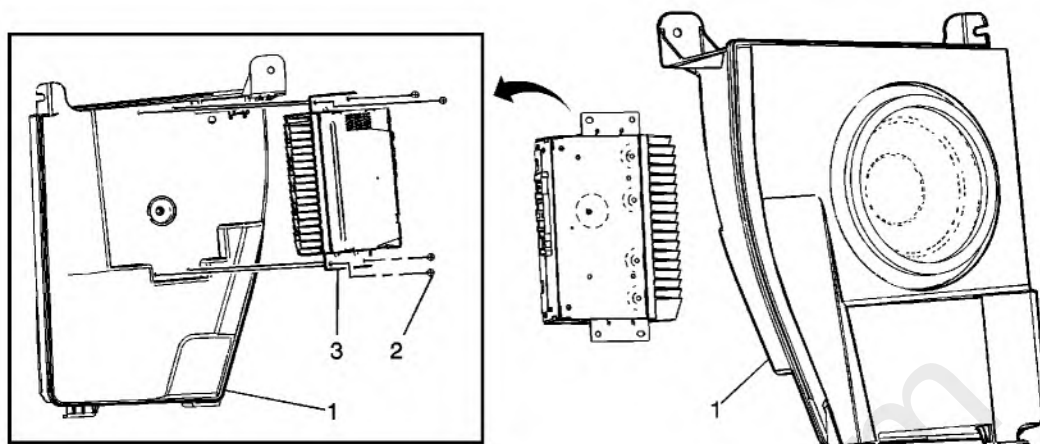
Callout	Component Name
Preliminary Procedure	
Remove the instrument panel center trim bezel. Refer to Instrument Panel Accessory Bezel Replacement .	
1	Radio Assembly Screw (Qty: 4) Caution: Refer to Fastener Caution in the Preface section. Tighten 2 N·m (18 lb in)
2	Radio Assembly Tip • Disconnect the electrical connector. • Disconnect the antenna cable. • Reprogram the radio after installation. Refer to Control Module References.

Digital Radio Receiver Replacement



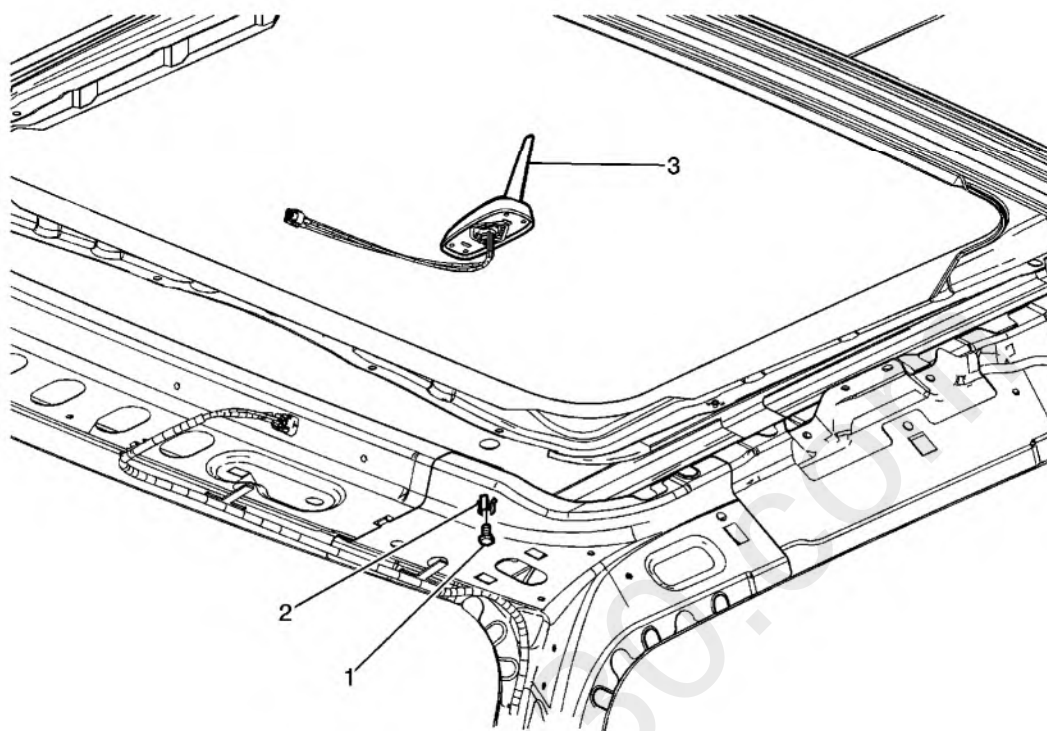
Callout	Component Name
Preliminary Procedure	
Remove the left rear quarter lower trim panel. Refer to Quarter Lower Rear Trim Panel Replacement .	
1	Digital Radio Receiver Nut (Qty: 2) Caution: Refer to Fastener Caution in the Preface section. Tighten 4 N·m (35 lb in)
2	Digital Radio Receiver Assembly Tip • Disconnect the antenna cable. • Reprogram the digital radio receiver after installation. Refer to Control Module References.

Radio Speaker Amplifier Replacement



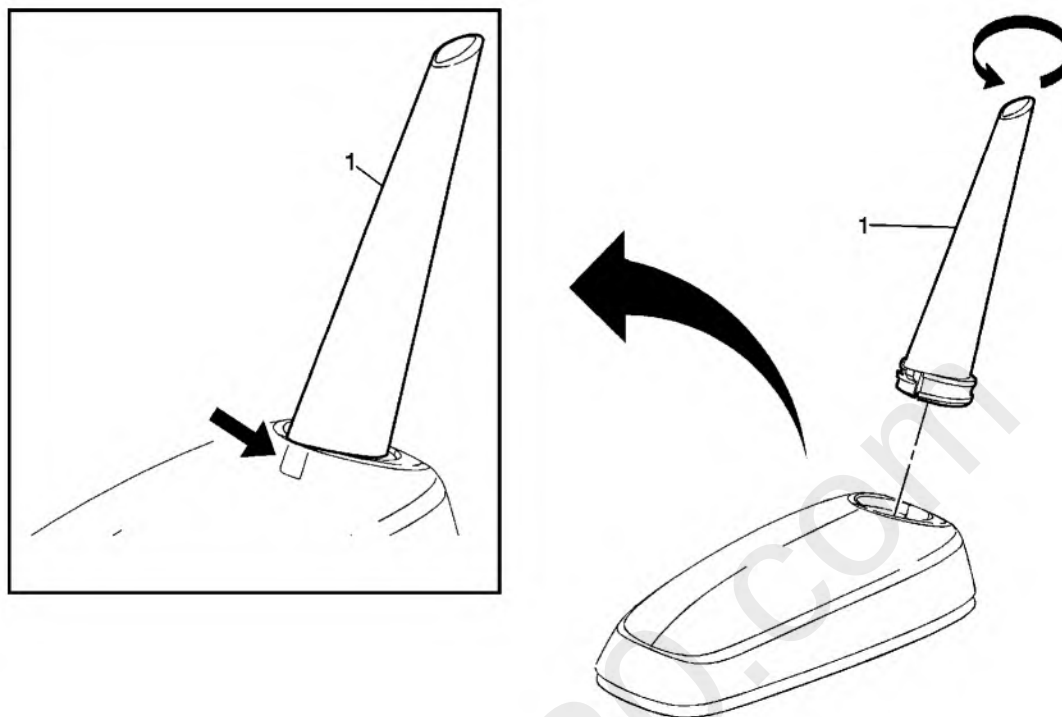
Callout	Component Name
Preliminary Procedure	
Remove the right rear quarter lower trim panel. Refer to Quarter Lower Rear Trim Panel Replacement .	
1	Radio Rear Compartment Speaker Refer to Radio Rear Speaker Replacement .
2	Amplifier Screw (Qty: 4) Caution: Refer to Fastener Caution in the Preface section. Tighten 3 N·m (26 lb in)
3	Amplifier Assembly Tip Disconnect the electrical connector.

Cellular and Navigation Antenna Assembly Replacement



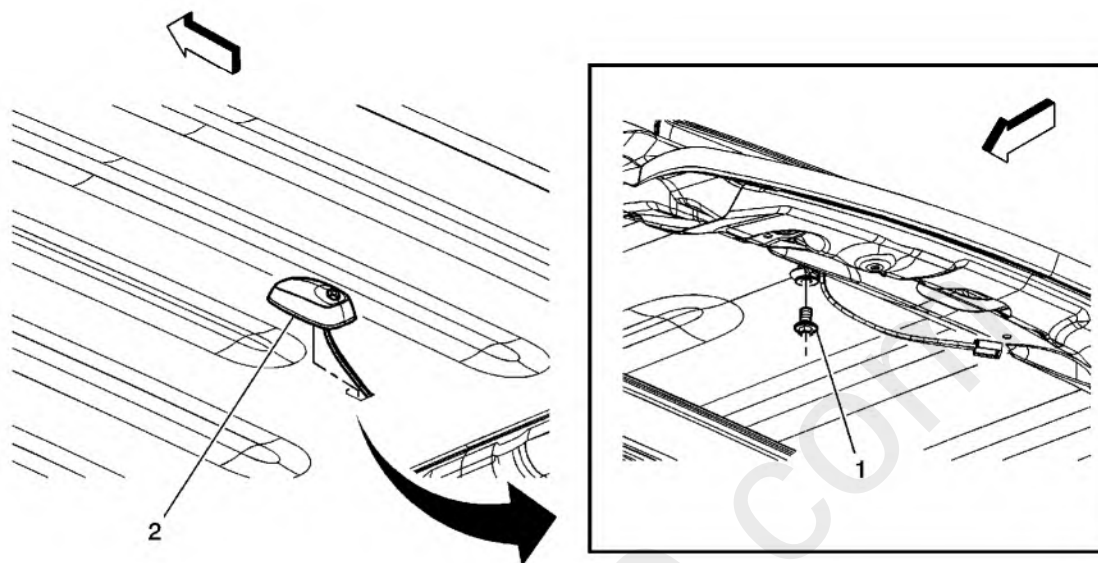
Callout	Component Name
Preliminary Procedure	
Lower the front of the headliner. Refer to Headlining Trim Panel Replacement .	
1	Mobile Telephone and Vehicle Location Antenna Assembly Bolt Caution: Refer to Fastener Caution in the Preface section. Tighten 5 N·m (44 lb in)
2	Mobile Telephone and Vehicle Location Antenna Expansion Sleeve
3	Mobile Telephone and Vehicle Location Antenna Assembly Tip Disconnect electrical connections.

Radio Antenna Replacement



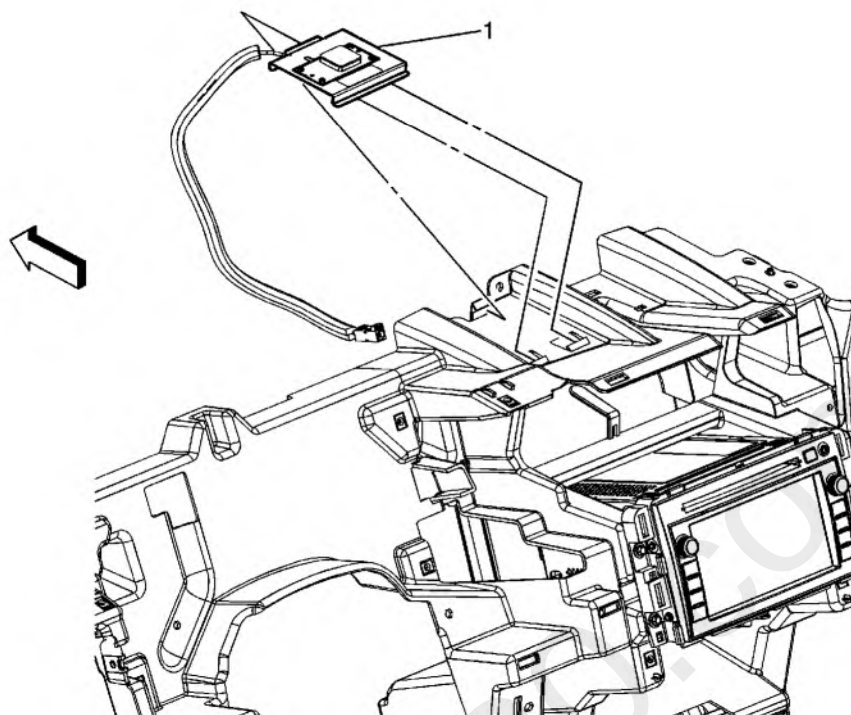
Callout	Component Name
	Mobile Telephone Digital Antenna Assembly
1	Procedure Using a small flat-bladed tool, push in and hold the release tab, then rotate the mast counterclockwise in order to release the mast from the antenna base. Tip The release tab is not visible with the mast assembled to the antenna base.

Digital Radio Antenna Replacement



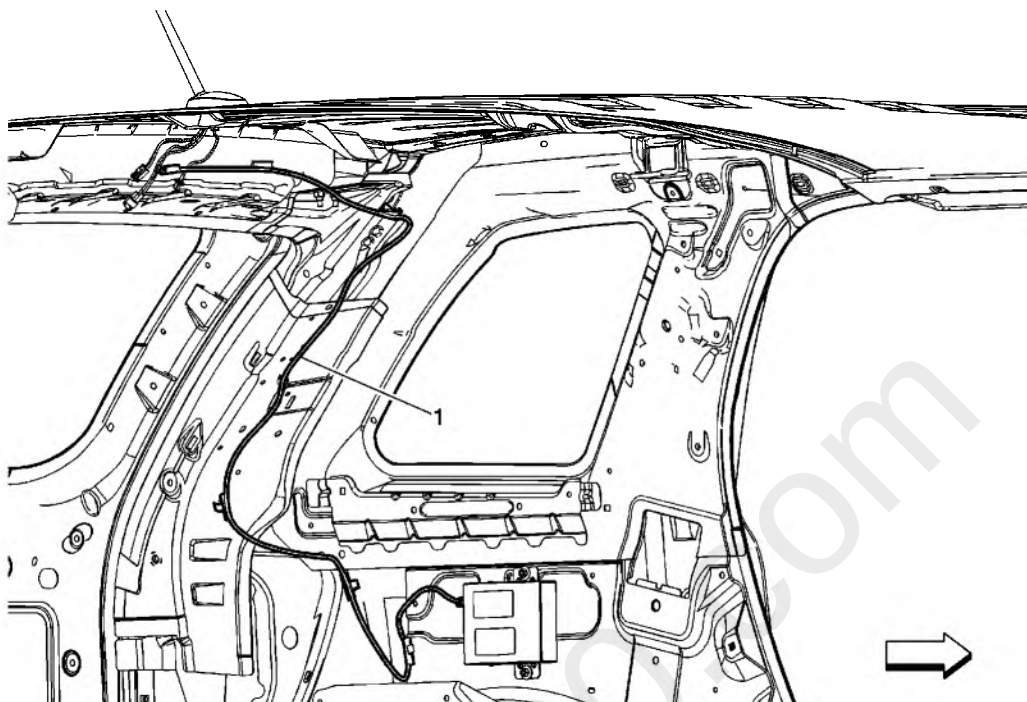
Callout	Component Name
Preliminary Procedure	
Lower the rear of the headliner. Refer to Headlining Trim Panel Replacement .	
1	Digital Radio Antenna Base Bolt Caution: Refer to Fastener Caution in the Preface section. Tighten 5 N·m (44 lb in)
2	Digital Radio Antenna Base Assembly Tip Disconnect the electrical connections.

Electronic Navigation Antenna Replacement



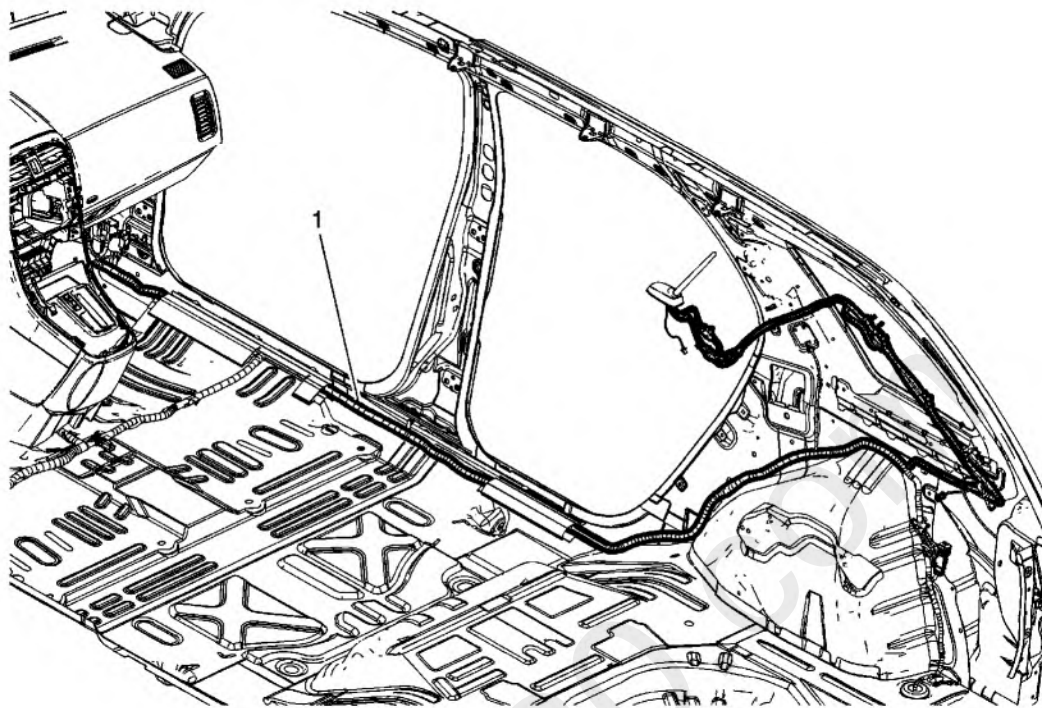
Callout	Component Name
Preliminary Procedures	
1. Remove the instrument panel upper trim pad. Refer to Instrument Panel Upper Trim Panel Replacement. 2. Remove the radio. Refer to Radio Replacement.	
1	Navigation Antenna Assembly Procedure 1. Unclip the navigation antenna from the instrument panel retainer. 2. Note the routing of the antenna for installation purposes.

Digital Radio Antenna Cable Replacement



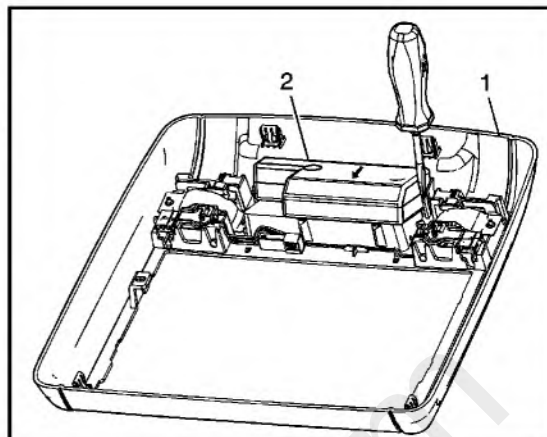
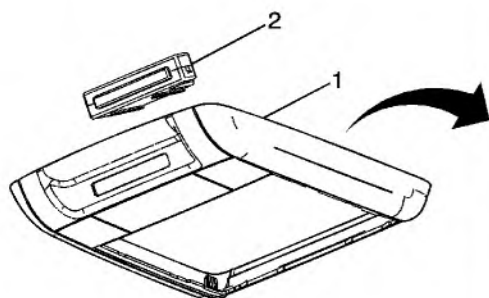
Callout	Component Name
Preliminary Procedure	
Lower the rear of the headliner. Refer to Headlining Trim Panel Replacement .	
1	Digital Radio Coaxial Cable Procedure 1. Disconnect all electrical/antenna connections. 2. If the old antenna is wrapped in the wiring harness, just cut the ends off and route the new harness next to the old one and secure it with tie straps.

Antenna Cable Replacement



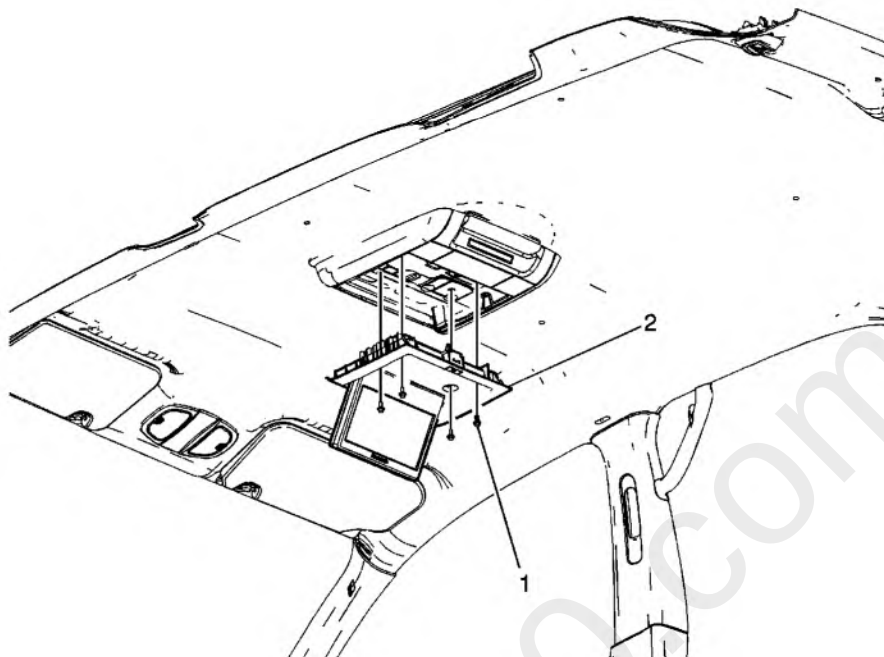
Callout	Component Name
Preliminary Procedures	
1. Remove the right rear corner garnish molding. Refer to Body Rear Corner Garnish Molding Replacement. 2. Remove the right center pillar lower garnish molding. Refer to Center Pillar Lower Garnish Molding Replacement. 3. Lower the rear of the headliner as needed. Refer to Headlining Trim Panel Replacement. 4. Remove the IP compartment. Refer to Instrument Panel Compartment Replacement. 5. Remove the radio. Refer to Radio Replacement.	
1	Antenna Cable Procedure 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 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



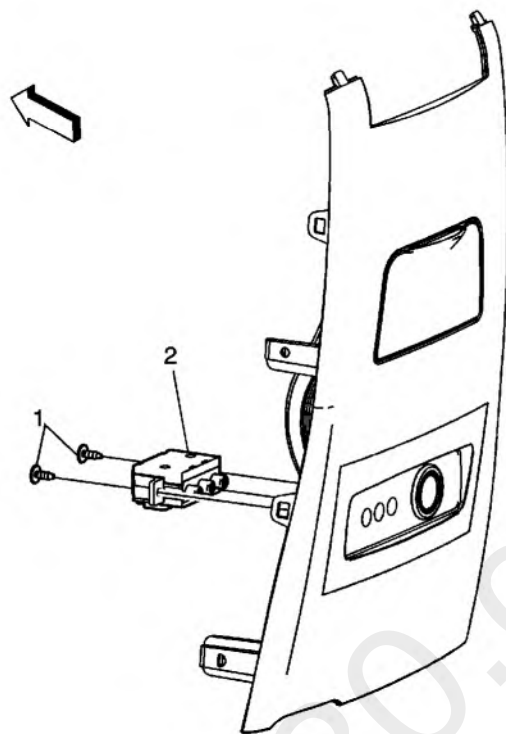
Callout	Component Name
Preliminary Procedure	
Remove the video display assembly. Refer to Video Display Replacement .	
1	Roof Console Assembly Refer to Roof Console Replacement .
2	Audio System Transceiver Module Assembly Procedure 1. Disconnect the electrical connector. 2. Use a flat-bladed tool to 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.

Video Display Replacement



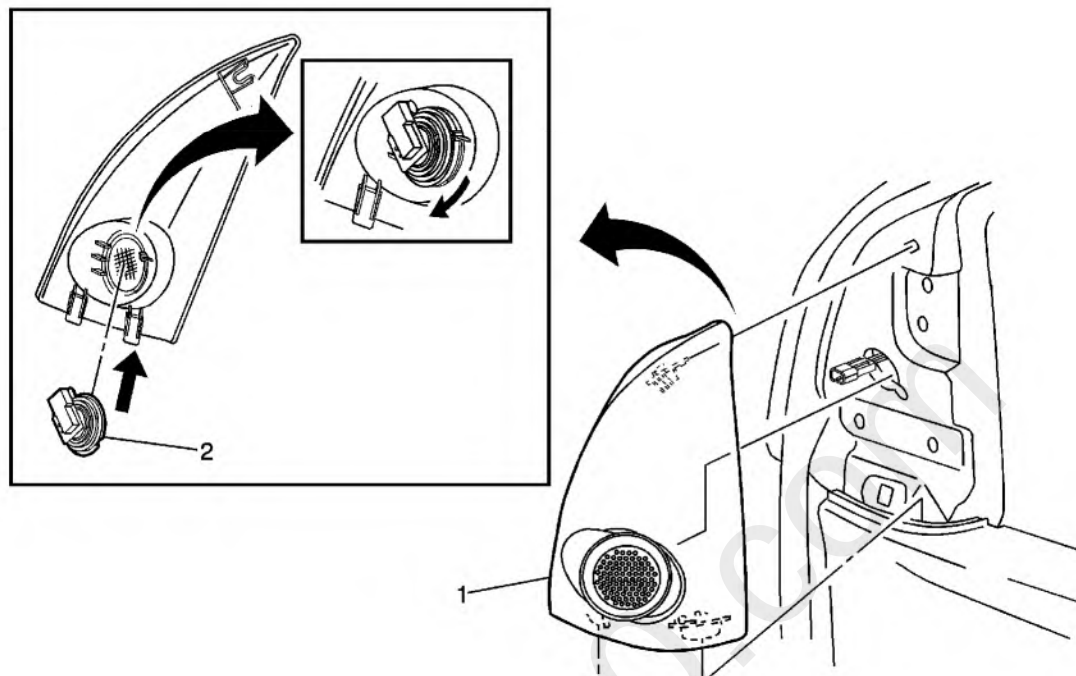
Callout	Component Name
1	Video Display Assembly Screw (Qty: 4) Caution: Refer to Fastener Caution in the Preface section. Tighten 2 N·m (18 lb in)
2	Video Display Assembly Tip • Pull down to disengage the retainer clip and remove from the vehicle. • Disconnect the electrical connector.

Auxiliary Audio/Video Input Control Replacement



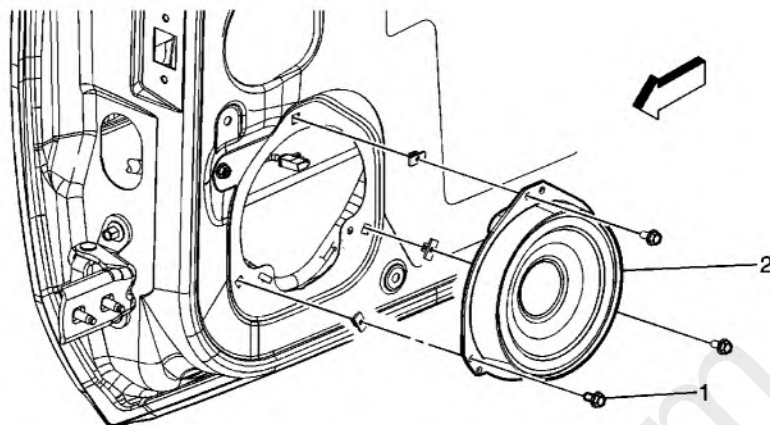
Callout	Component Name
Preliminary Procedure	
Remove the front floor console rear cover. Refer to Front Floor Console Rear Cover Replacement .	
1	Auxiliary Audio/Video Input Control Assembly Screw (Qty: 2) Caution: Refer to Fastener Caution in the Preface section. Tighten 2 N·m (18 lb in)
2	Auxiliary Audio/Video Input Control Assembly

Radio Front Side Door Upper Speaker Replacement



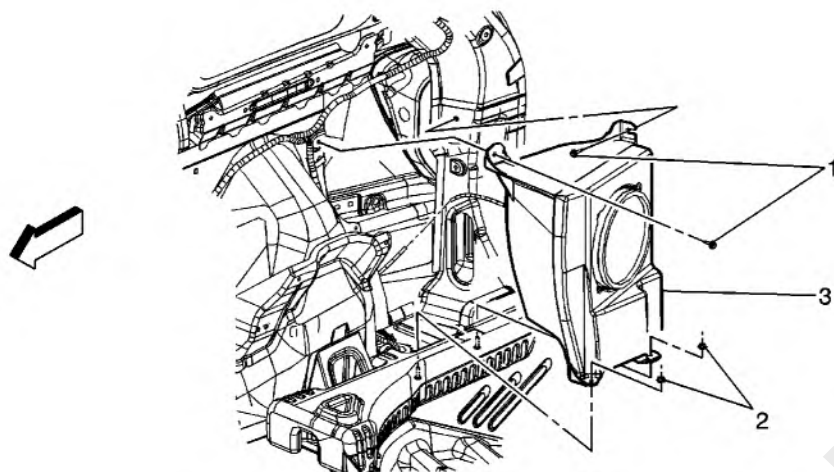
Callout	Component Name
1	Front Door Trim Panel Upper Extension Procedure 1. Pull at the top of the trim panel to disengage the trim clip. 2. Lift up to remove the lower tabs from behind the door trim. 3. Disconnect the speaker wiring harness.
2	Front Door Upper Speaker Procedure Rotate and remove the tweeter from the trim panel.

Radio Front Side Door Speaker Replacement



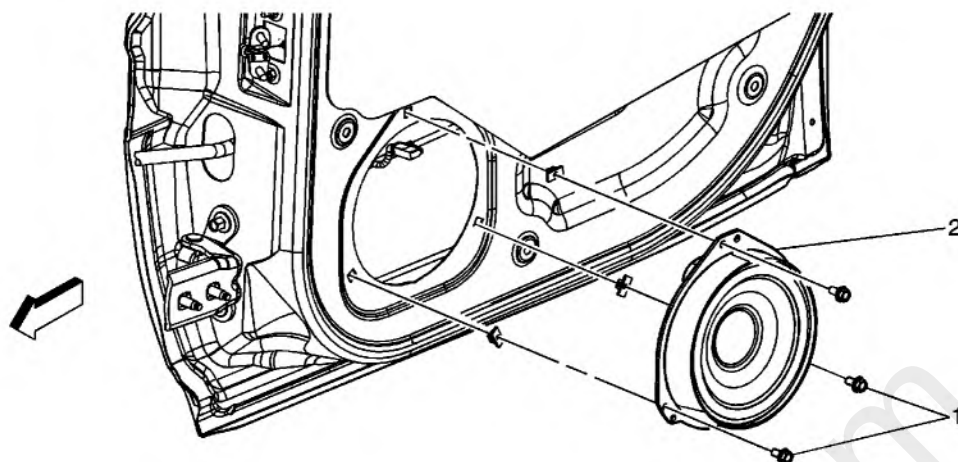
Callout	Component Name
Preliminary Procedure	
Remove the front door inner trim panel. Refer to Front Side Door Trim Panel Replacement .	
1	Front Door Speaker Screw (Qty: 3) Caution: Refer to Fastener Caution in the Preface section. Tighten 2.5 N·m (22 lb in)
2	Front Door Speaker Procedure Disconnect the electrical connector.

Radio Rear Speaker Replacement



Callout	Component Name
Preliminary Procedures	
Remove the right rear quarter lower trim panel. Refer to Quarter Lower Rear Trim Panel Replacement .	
1	Radio Rear Compartment Speaker Bolt (Qty: 2) Caution: Refer to Fastener Caution in the Preface section. Tighten 2.5 N·m (22 lb in)
2	Radio Rear Compartment Speaker Nut (Qty: 2) Tighten 2.5 N·m (22 lb in)
3	Radio Rear Compartment Speaker Tip Disconnect the electrical connector.

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 Door Speaker Screw (Qty: 3) Caution: Refer to Fastener Caution in the Preface section. Tighten 2.5 N·m (22 lb in)
2	Rear Door Speaker Procedure Disconnect the electrical connector.