

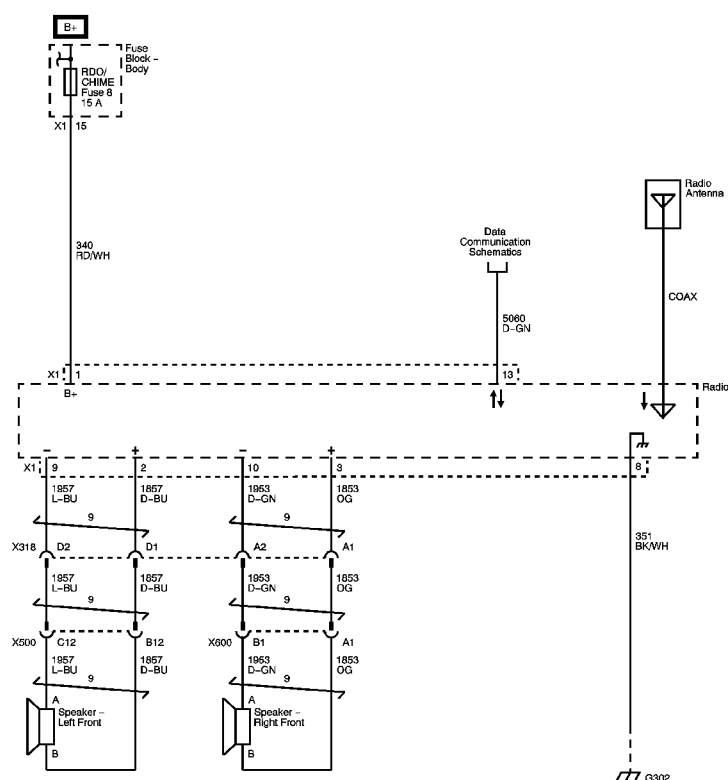
[2009 Chevrolet Express - AWD](#) | [Express, Savana \(VIN G/H\) Service Manual](#) | [Driver Information and Entertainment](#) | [Cellular, Entertainment, and Navigation](#) | [Specifications](#) | **Document ID: 751783**

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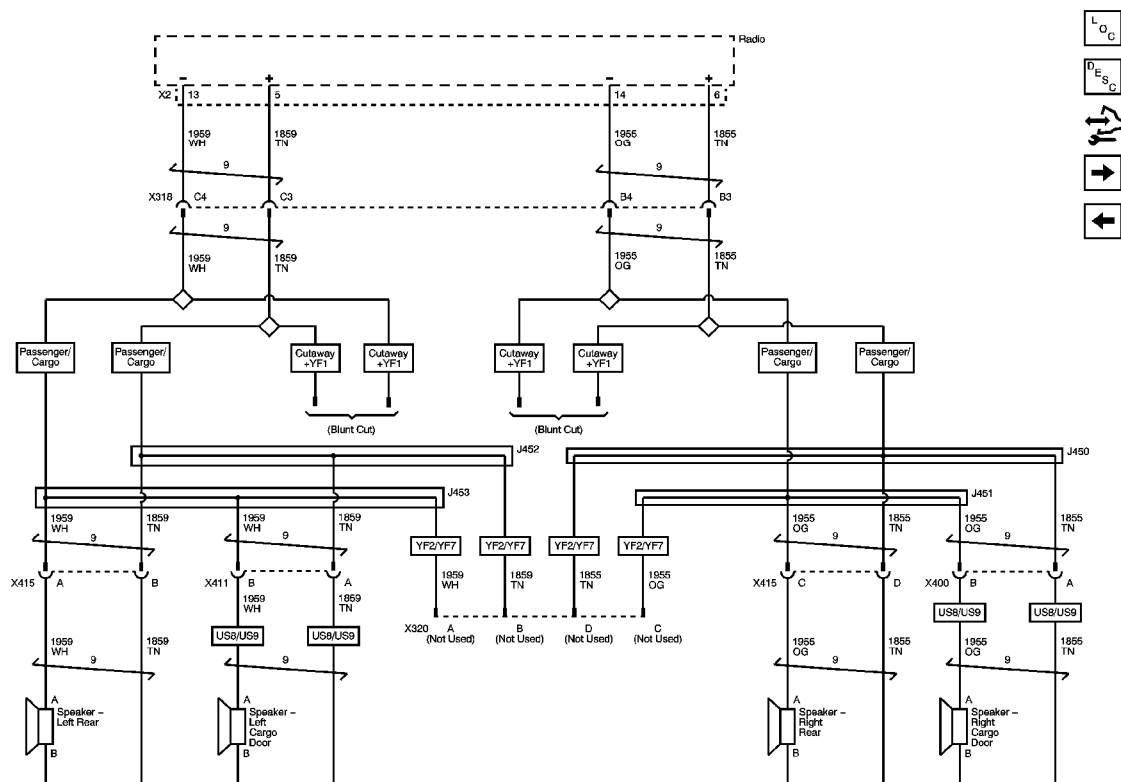
## Fastener Tightening Specifications

Application	Specification	
	Metric	English
Antenna to the Inner Fender Bolts	11 N·m	97 lb in
Antenna Mast to the Base	5 N·m	44 lb in
Radio Mounting Bracket to Vehicle Screws	3 N·m	27 lb in
Radio to Mounting Bracket Screws	2 N·m	18 lb in
Rear Header Speaker Housing to the Vehicle Nuts	6 N·m	53 lb in
Rear Header Speaker to the Speaker Housing Screws	2 N·m	18 lb in
Rear Speaker to Mounting Bracket Screws	2 N·m	18 lb in

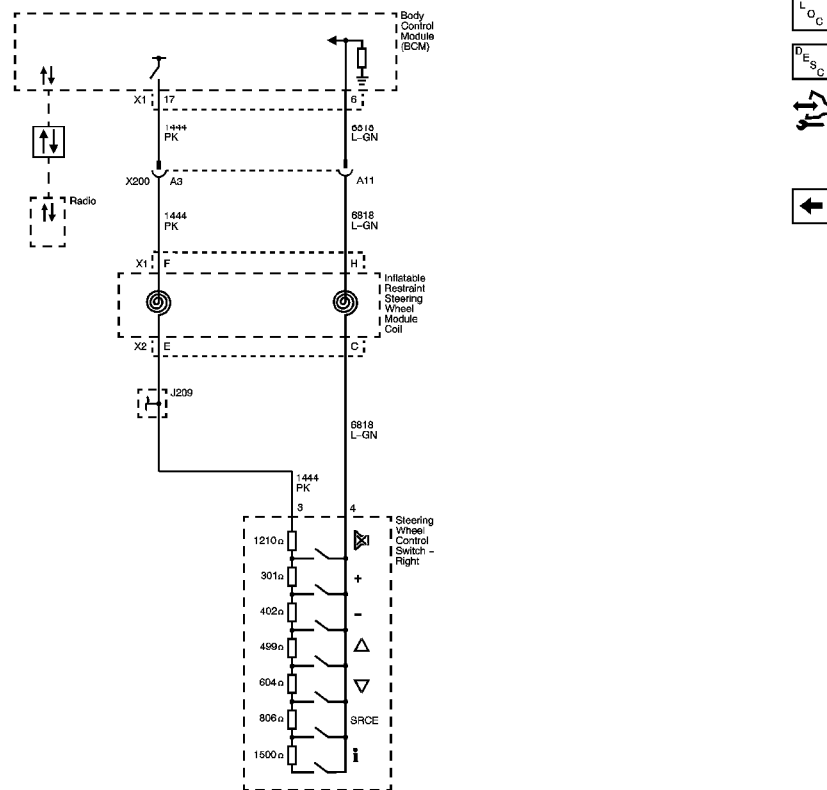
## Power, Ground, Serial Data, Antenna and Front Speaker Outputs



## Rear Speaker Outputs



## Steering Wheel Radio Redundant Controls



## 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.

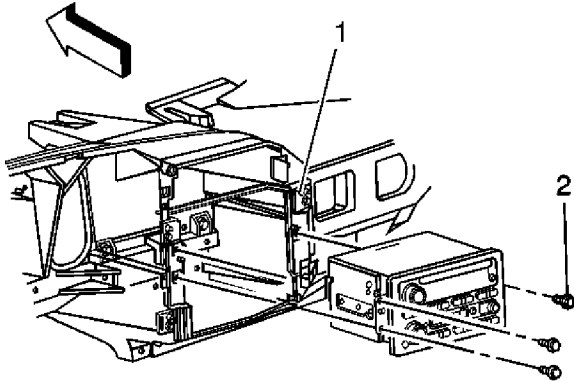
### Labeling CDs

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.

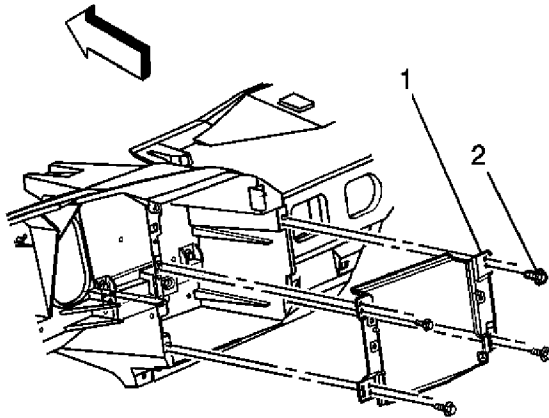
## Radio Replacement

### Removal Procedure

1. Remove the instrument cluster panel. Refer to [Instrument Panel Cluster Trim Plate Bezel Replacement](#).



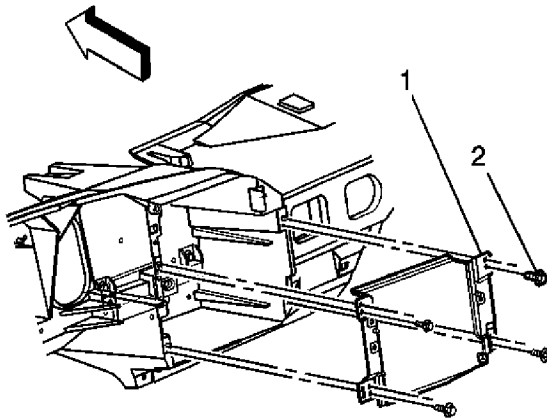
2. Remove the screws (2) that secure the radio to the support bracket (1).
3. Remove the radio from the support bracket enough to access the connectors at rear of the radio.
4. Disconnect the electrical/audio and antenna cable connectors from the radio.
5. Remove the radio.





6. If removing the radio mounting bracket. Perform the following steps:
  - 6.1. Detach the clip retaining the HVAC harness to the radio mounting bracket.
  - 6.2. Remove the screws (2) retaining the radio mounting bracket (1) to the instrument panel carrier.
  - 6.3. Remove the radio mounting bracket from the vehicle.

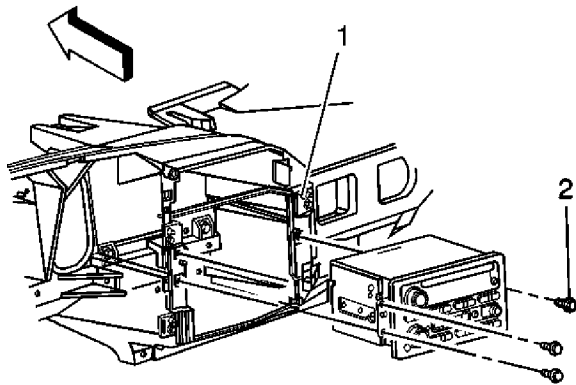
## Installation Procedure



1. Install the radio mounting bracket. Perform the following steps:
  - 1.1. Attach the HVAC harness to the radio mounting bracket with the clip.

**Caution:** Refer to [Fastener Caution](#) in the Preface section.

- 1.2. Install the screws (2) in order to retain the radio mounting bracket (1) to the instrument panel carrier and tighten to **3 N·m (27 lb in)**.

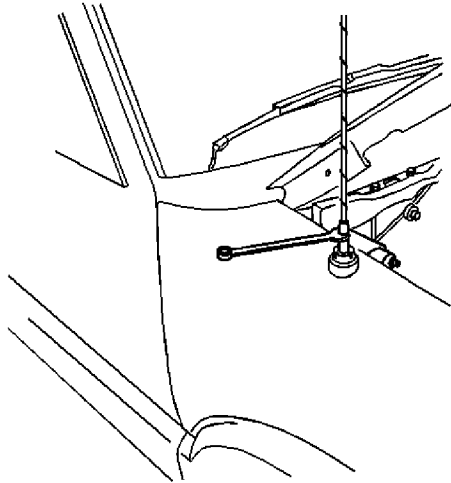


2. Connect the electrical/audio and antenna cable connectors to the radio.
3. Install the radio to the support bracket (1).
4. Align the radio locator tab into the support bracket locator hole.
5. Install the radio screws (2) and tighten to **2 N·m (18 lb in)**.
6. Install the instrument cluster panel. Refer to [Instrument Panel Cluster Trim Plate Bezel Replacement](#).
7. Calibrate the new radio assembly. Refer to [Control Module References](#).



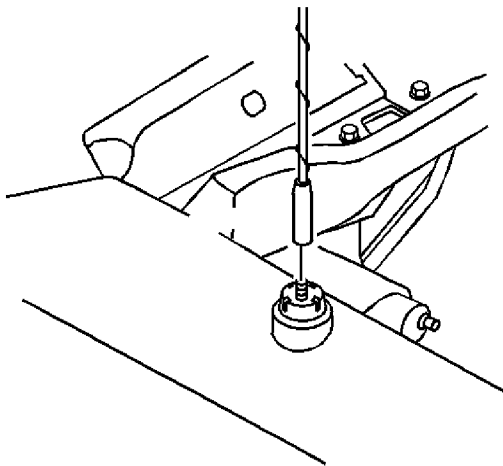
## Fixed Antenna Mast Replacement

### Removal Procedure



**Caution:** Use tape on the tool surface so that you do not damage the paint on the antenna mast.

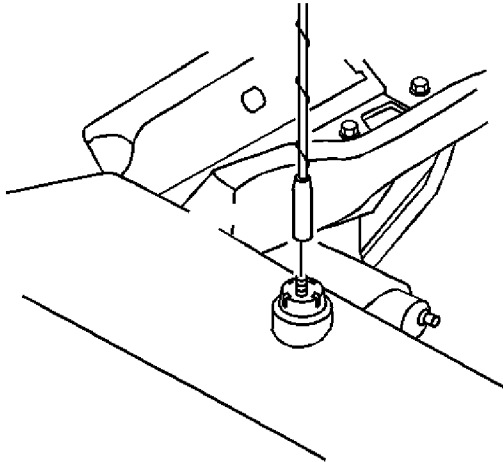
1. Unscrew the antenna mast.





2. Remove the antenna mast from the antenna base.

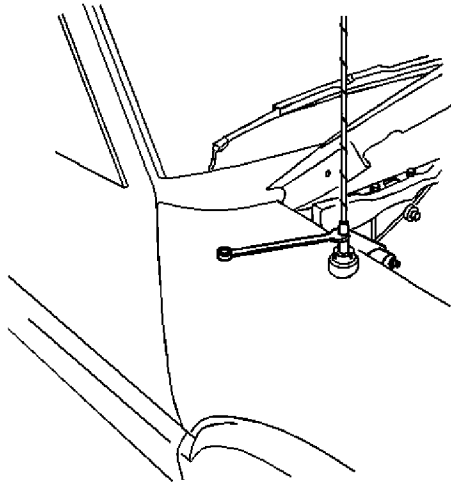
## Installation Procedure



**Note:** Use tape on the tool surface in order to protect the paint on the antenna mast from damage.

1. Install the antenna mast to the antenna base.

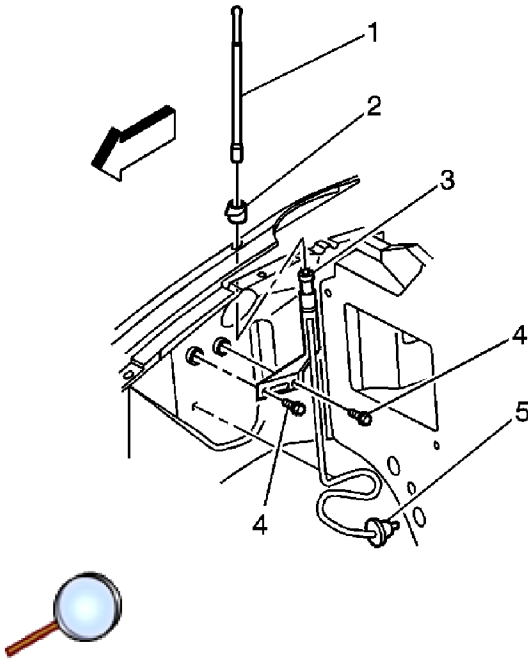
**Caution:** Refer to [Fastener Caution](#) in the Preface section.



2. Screw the antenna mast to the antenna base and tighten to **5 N·m (44 lb in)**.

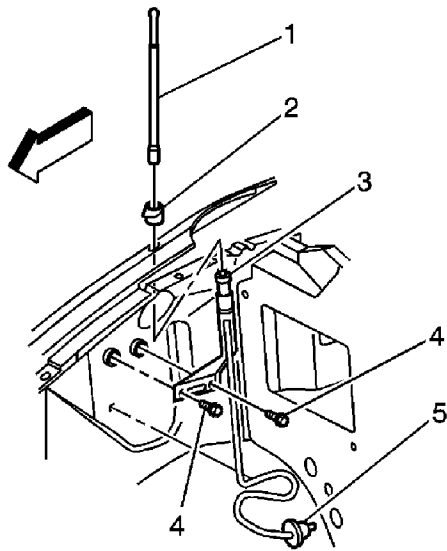
## Antenna Cable Replacement

### Removal Procedure



1. Unscrew and remove the antenna mast (1). Refer to [Fixed Antenna Mast Replacement](#).
2. Disconnect the antenna base cable connection from the antenna extension cable.
3. Push the antenna base cable grommet (5) out, through the firewall.
4. Open hood to access the antenna cable/base (3).
5. Remove the antenna collar (2).
6. Remove the antenna cable/base bolts (4).
7. Remove the antenna cable/base (3) from the vehicle.

### Installation Procedure



1. Install the fixed antenna cable/base (3).

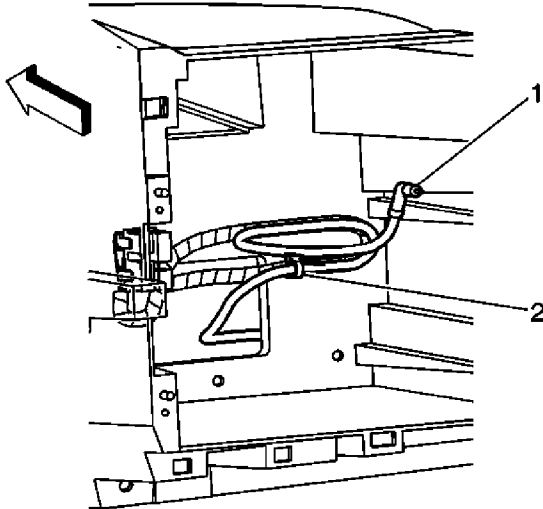
**Caution:** Refer to [Fastener Caution](#) in the Preface section.

2. Install the antenna cable/base mounting bolts (4) and tighten to **11 N·m (97 lb in)**.
3. Route the antenna base cable under the A/C case and through the hole in the firewall.
4. Install the antenna cable grommet (5) through firewall and seat the grommet (5).
5. Install the antenna collar (2).
6. Connect the antenna base cable to the antenna extension cable.
7. Install the passenger side hinge pillar trim. Refer to [Body Hinge Pillar Trim Panel Replacement](#).
8. Install the antenna mast (1). Refer to [Fixed Antenna Mast Replacement](#).

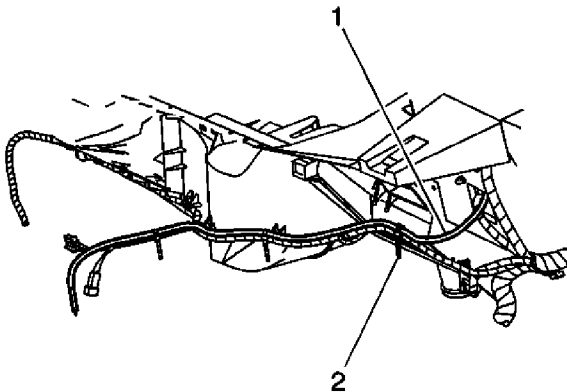
## Radio Antenna Cable Extension Cable Replacement

### Removal Procedure

1. Remove the radio and mounting bracket. Refer to [Radio Replacement](#).
2. Remove the engine cover. Refer to [Engine Cover Replacement](#).
3. Disconnect the antenna cable connector at the lower right of the instrument panel.



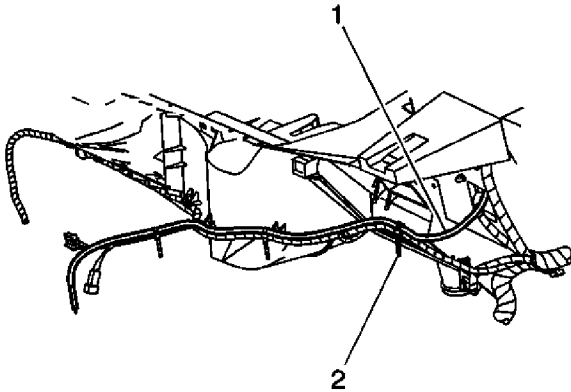
4. Remove the antenna cable (1) from the retaining clips on the instrument panel carrier.



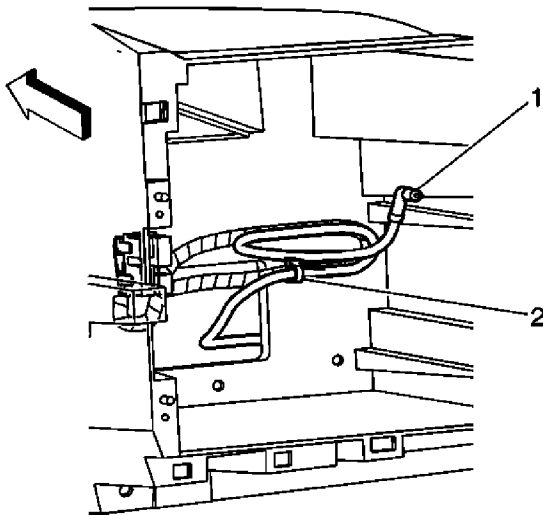
5. Remove the antenna cable (1) from the vehicle.

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## Installation Procedure



1. Install the antenna cable (1) to the vehicle.

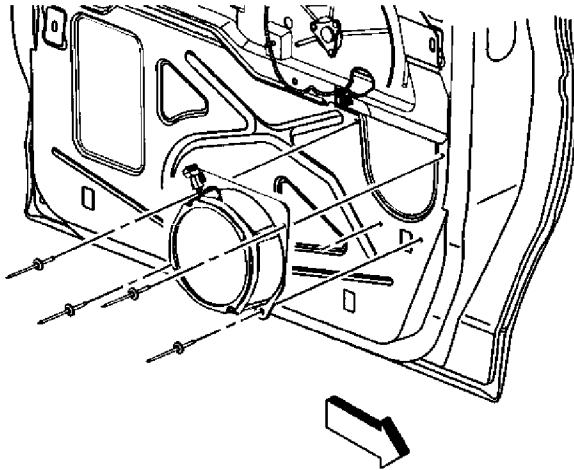


2. Install the cable (1) to the retaining clips on the instrument panel carrier.
3. Connect the antenna cable connector at the lower right of the instrument panel.
4. Install the engine cover. Refer to [Engine Cover Replacement](#).
5. Install the radio mounting bracket and radio. Refer to [Radio Replacement](#).

## Radio Front Side Door Speaker Replacement

### Removal Procedure

1. Remove the front door trim panel. Refer to [Front Side Door Trim Panel Replacement](#).



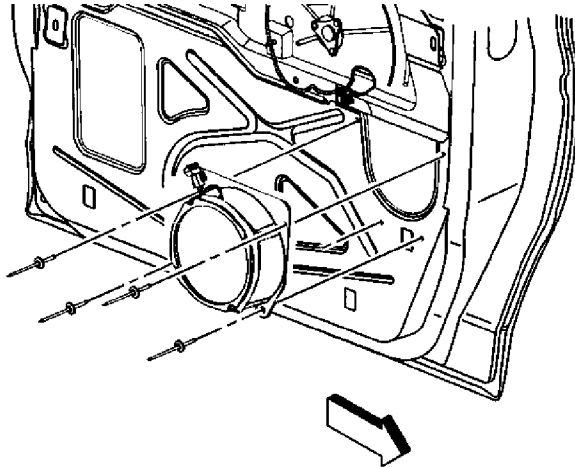
**Warning:** Eye protection must be worn when drilling rivets to reduce the chance of personal injury.

2. Remove the rivets retaining the speaker/housing to the door using appropriate drill and drill bit.
3. Remove the speaker/housing from the door.
4. Disconnect the electrical connector from the speaker housing.

### Installation Procedure

1. Connect the electrical connector to the speaker housing.

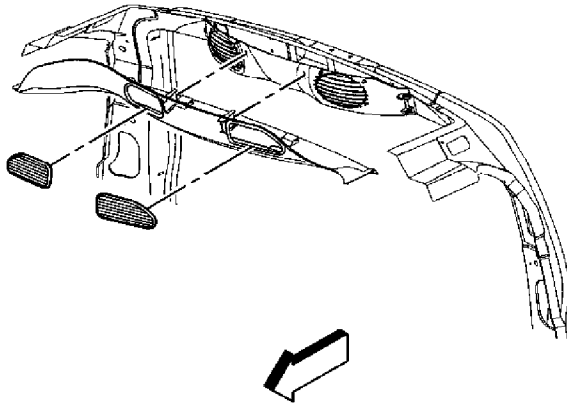




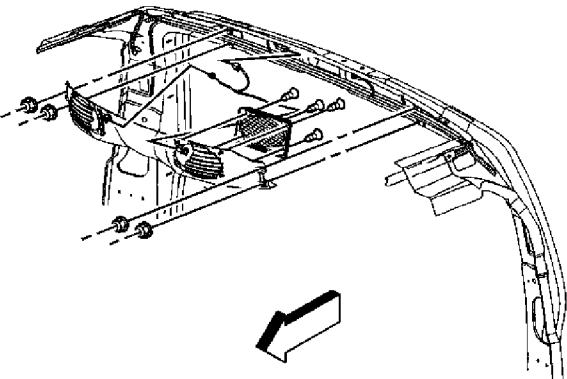
2. Install the speaker/housing to the door.
3. Install the rivets retaining the speaker housing to the door.
4. Install the front door trim panel. Refer to [Front Side Door Trim Panel Replacement](#).

## Radio Rear Speaker Replacement

### Removal Procedure



1. Remove the rear header trim panel, if equipped.

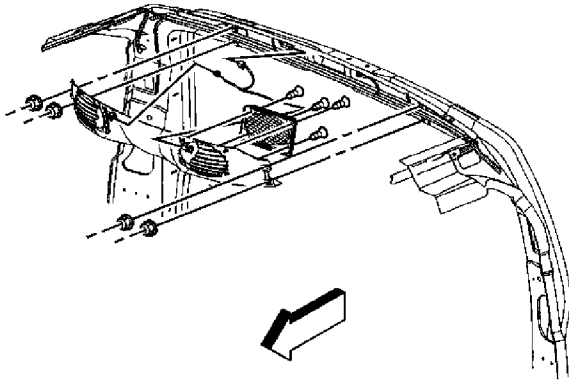


2. Remove the nuts retaining the rear header speaker housing to the vehicle.
3. Remove the rear header speaker housing from the vehicle.
4. Disconnect the electrical connector from the speaker.
5. Remove the screws retaining the rear header speaker to the rear header speaker housing.

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6. Remove the rear header speaker from the rear header speaker housing.

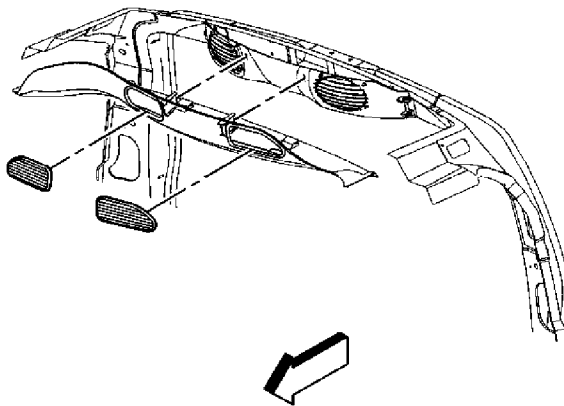
## Installation Procedure



1. Install the rear header speaker to the rear header speaker housing.

**Caution:** Refer to [Fastener Caution](#) in the Preface section.

2. Install the screws in order to retain the rear header speaker to the rear header speaker housing and tighten to **2 N·m (18 lb in)**.
3. Connect the electrical connector to the speaker.
4. Install the rear header speaker housing to the vehicle.
5. Install the nuts in order to retain the rear header speaker housing to the vehicle and tighten to **6 N·m (53 lb in)**.



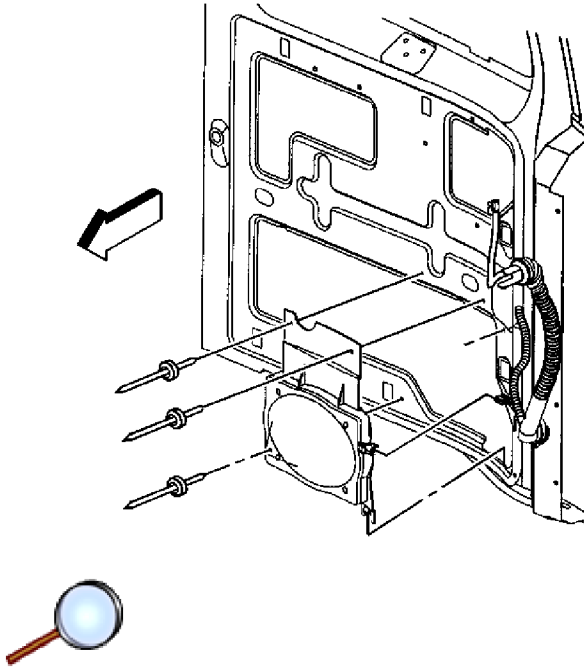


6. Install the rear header trim panel, if equipped.

## Radio Rear Side Door Speaker Replacement

### Removal Procedure

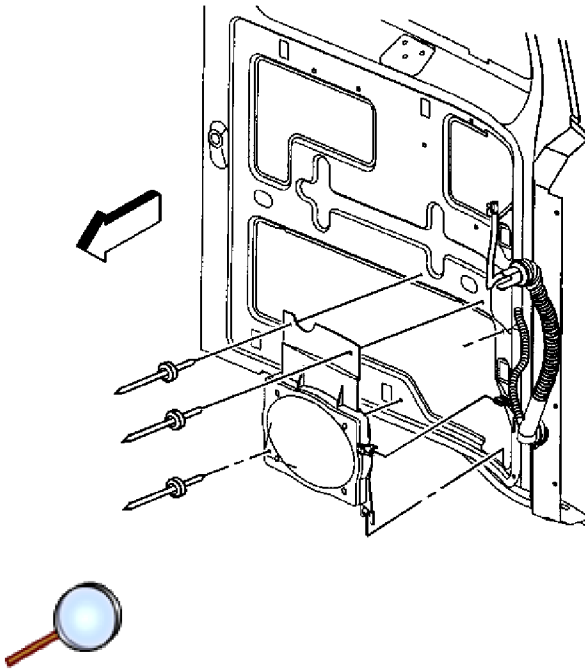
1. Remove the rear door trim panel. Refer to [Rear Door Trim Panel Replacement - Left Side](#) or [Rear Door Trim Panel Replacement - Right Side](#).



**Warning:** Eye protection must be worn when drilling rivets to reduce the chance of personal injury.

2. Remove the rivets retaining the rear door speaker/housing to the door using appropriate drill and drill bit.
3. Remove the speaker/housing from the door.
4. Disconnect the electrical connector from the speaker.

### Installation Procedure



1. Connect the electrical connector to the speaker.
2. Install the speaker/housing to the door.
3. Install the rivets in order to retain the rear door speaker/housing to the door.
4. Install the rear door trim panel. Refer to [Rear Door Trim Panel Replacement - Left Side](#) or [Rear Door Trim Panel Replacement - Right Side](#).