

2013 ACCESSORIES & EQUIPMENT

Floor Coverings and Headlinings - Malibu

SPECIFICATIONS

ADHESIVES, FLUIDS, LUBRICANTS, AND SEALERS

Adhesives, Fluids, Lubricants, and Sealers

Application	Type of Material	GM Part Number
GM Vehicle Care Odor Eliminator	Fluids	Refer to Electronic Parts Catalog.

REPAIR INSTRUCTIONS

ELIMINATING UNWANTED ODORS IN VEHICLES

GM Vehicle Care Odor Eliminator, Refer to **Adhesives, Fluids, Lubricants, and Sealers**, may control or eliminate odors in the interior and luggage compartment areas of GM vehicles. This non-toxic, biodegradable, odorless product has been shown to greatly reduce or remove the following types of odor:

- Objectionable smells of mold and mildew resulting from vehicle water leaks
- Customer created odors, such as smoke

You may safely use GM Vehicle Care Odor Eliminator on fabrics, vinyl, leather, carpet, and sound deadening materials. You may also induce this product into HVAC modules and instrument panel ducts for the control of non-bacterial related odors.

NOTE: **This product leaves no residual scent and should not be used as an air freshener.**

This product may result in the permanent elimination of an odor and may be preferable to customers whose allergies make them sensitive to perfumes. This product may effectively remove odors when directly contacting the odor source. In cases such as water leaks, use this product with diagnostic procedures to first eliminate the primary cause of the odor. Then use further applications on the residual odor to permanently correct the vehicle condition.

How to Use this Product

- Spray GM Vehicle Care Odor Eliminator directly or as an additive with carpet shampoo in steam cleaners.
- Do not use on any interior surface that plain water would deteriorate, because this product will have the same effect. Also avoid letting this product come into contact with vinegar or any acidic substance. Acid-based products will hamper the effectiveness of GM Vehicle Care Odor Eliminator.
- Complete eight page treatment sheets are enclosed within each case of GM Vehicle Care Odor Eliminator. These treatment instructions range from simple vehicle odor elimination to full step by step

procedures for odor removal from water leaks.

- Instructions and cautions are printed on the bottle, but additional help is available. If you encounter a persistent or recurring odor, you may call to obtain additional information and usage suggestions.

FLOOR CARPET DRYING

If the carpet or the pad or insulator is wet, use the following criteria for drying or for replacing the components:

- For a 1-piece carpet assembly bonded to a cotton or a fiber padding, replace the entire assembly.
- For a 2-piece carpet assembly with a cotton or a fiber padding, replace the padding only. While the carpet is out of the vehicle, dry the carpet using the method described below.
- For a 1-piece carpet assembly bonded to a foam padding or attached to a synthetic padding, dry the carpet using the method described below.
- For a 2-piece carpet assembly with a synthetic padding, dry the assembly using the method described below.

Drying Method

1. If you observe puddles of liquid on the carpet face, use a wet vacuum to remove the excess moisture.
2. Blot the face of the carpet with a towel in order to absorb as much moisture as possible.
3. Point a fan at the affected area and air dry the carpet.

FRONT FLOOR PANEL CARPET REPLACEMENT - LEFT SIDE

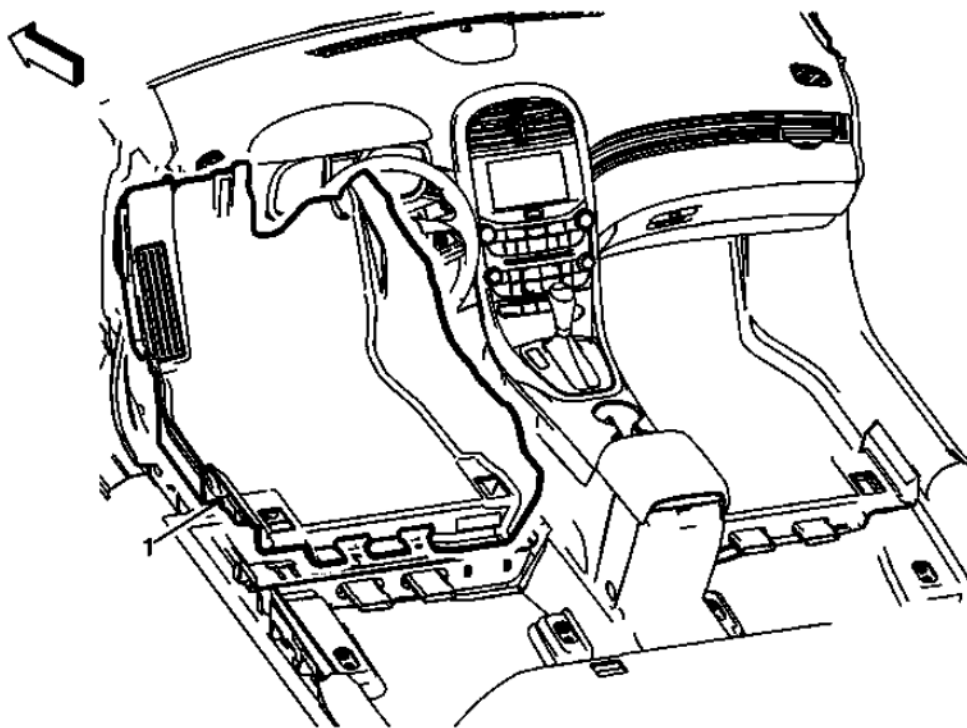


Fig. 1: Front Floor Panel Carpet - Left Side
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Panel Carpet Replacement - Left Side

Callout	Component Name
Preliminary Procedures 1. Remove the driver seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u> . 2. Remove the driver side door sill trim plate. Refer to <u>Front Side Door Sill Trim Plate Replacement</u> . 3. Remove the front floor console extension- left side. Refer to <u>Front Floor Console Extension Replacement - Left Side</u> .	
1	Front Floor Panel Carpet Assembly

FRONT FLOOR PANEL CARPET REPLACEMENT - RIGHT SIDE

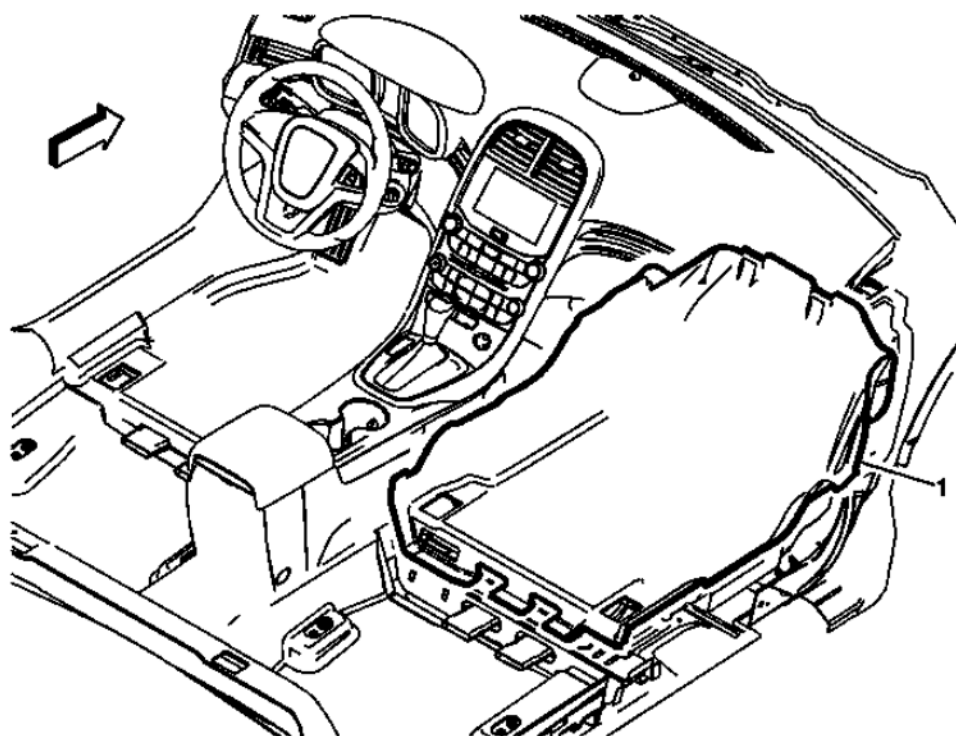


Fig. 2: Front Floor Panel Carpet - Right Side
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Panel Carpet Replacement - Right Side

Callout	Component Name
Preliminary Procedures 1. Remove the passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u> .	

2. Remove the passenger side door sill trim plate. Refer to **Front Side Door Sill Trim Plate Replacement** .
3. Remove the front floor console extension- right side. Refer to **Front Floor Console Extension Replacement - Right Side** .

1

Front Floor Panel Carpet Assembly

FLOOR CARPET RETAINER REPLACEMENT

Removal Procedure

WARNING: Wear safety glasses in order to avoid eye damage.

1. Remove the front side door sill trim plate. Refer to **Front Side Door Sill Trim Plate Replacement** .
2. Reposition the front floor panel carpet as needed to access retainers. Refer to **Front Floor Panel Carpet Replacement - Left Side**, and **Front Floor Panel Carpet Replacement - Right Side**.

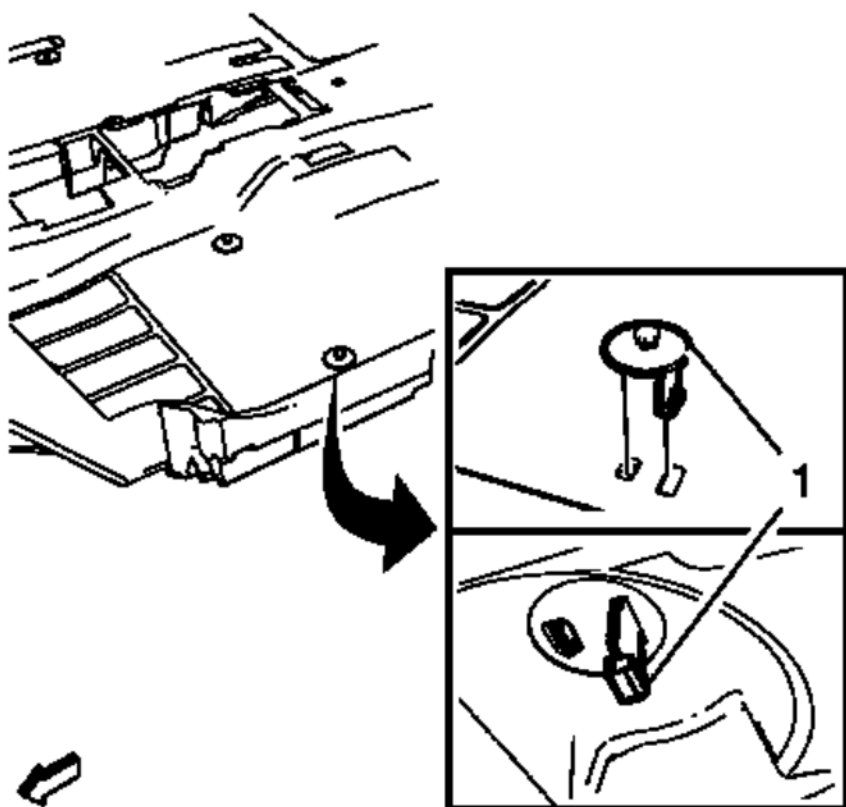


Fig. 3: Floor Panel Carpet Retainer
Courtesy of GENERAL MOTORS COMPANY

3. Disengage the front floor panel carpet retainer (1) on the rear side of the front floor panel carpet.

4. Remove the front floor panel carpet retainer (1) upwards.

Installation Procedure

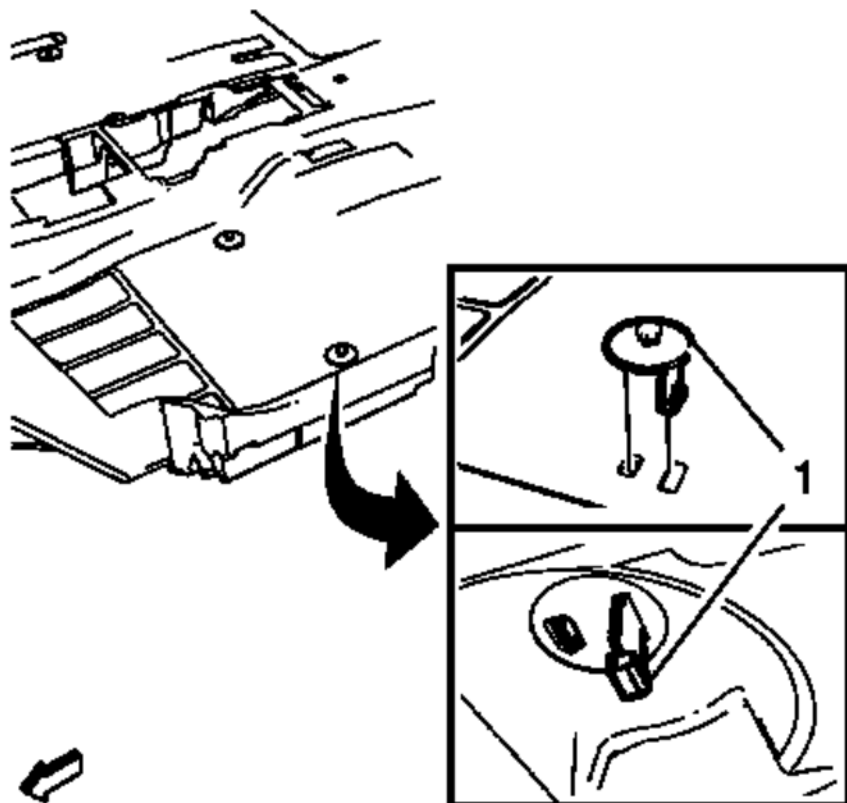


Fig. 4: Floor Panel Carpet Retainer

Courtesy of GENERAL MOTORS COMPANY

1. Align the front floor panel carpet retainer (1) to the cutout in the carpet.
2. Engage the front floor panel carpet retainer (1) on the rear side of the front floor panel carpet.
3. Reposition the front floor panel carpet as needed. Refer to **Front Floor Panel Carpet Replacement - Left Side**, and **Front Floor Panel Carpet Replacement - Right Side**.
4. Install the front side door sill trim plate. Refer to **Front Side Door Sill Trim Plate Replacement**

REAR FLOOR PANEL CARPET REPLACEMENT

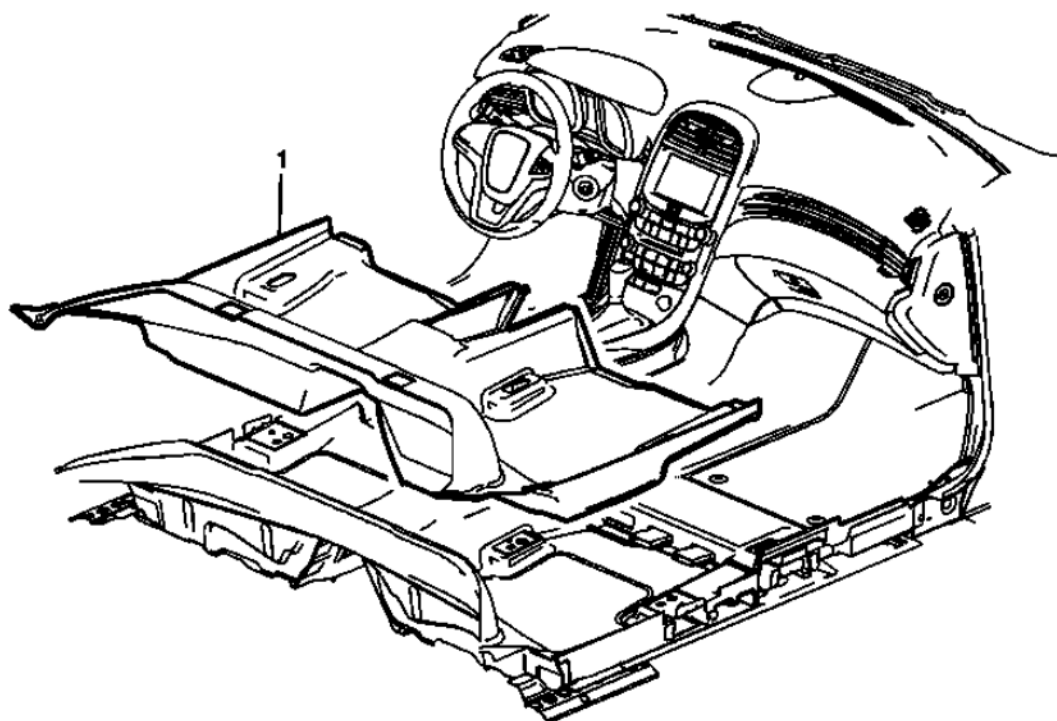


Fig. 5: Rear Floor Panel Carpet
 Courtesy of GENERAL MOTORS COMPANY

Rear Floor Panel Carpet Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove front seats. Refer to <u>Driver or Passenger Seat Removal and Installation</u> .	
2. Remove rear seat cushions. Refer to <u>Rear Seat Cushion Removal and Installation</u> .	
3. Remove lower center pillar molding. Refer to <u>Center Pillar Lower Trim Panel Replacement</u> .	
1	Rear Floor Panel Carpet Assembly

REAR COMPARTMENT FLOOR PANEL CARPET REPLACEMENT (WITHOUT HP6)

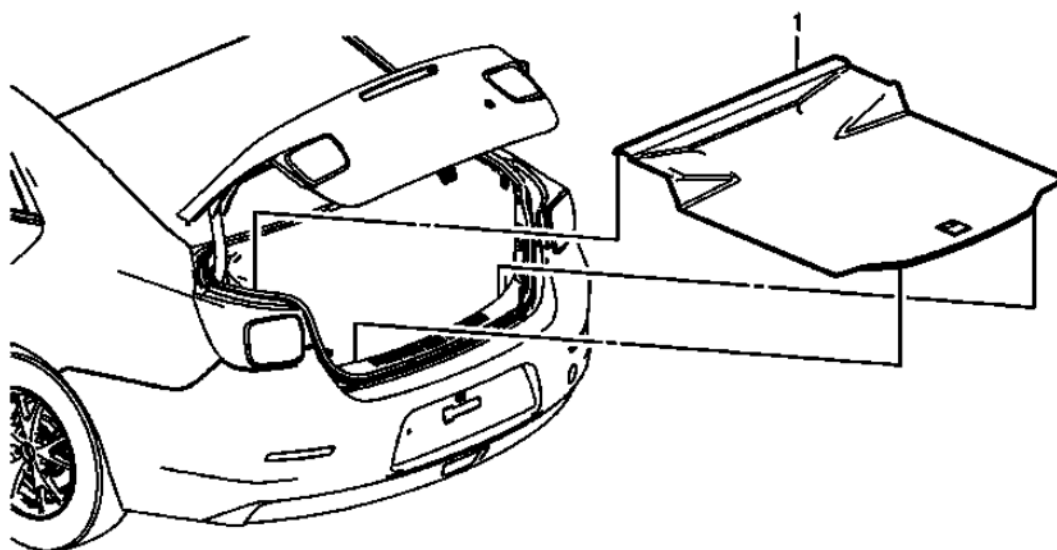


Fig. 6: Rear Compartment Floor Panel Carpet (without HP6)

Courtesy of GENERAL MOTORS COMPANY

Rear Compartment Floor Panel Carpet Replacement (without HP6)

Callout	Component Name
1	Rear Compartment Floor Panel Carpet Assembly

REAR COMPARTMENT FLOOR PANEL CARPET REPLACEMENT (WITH HP6)

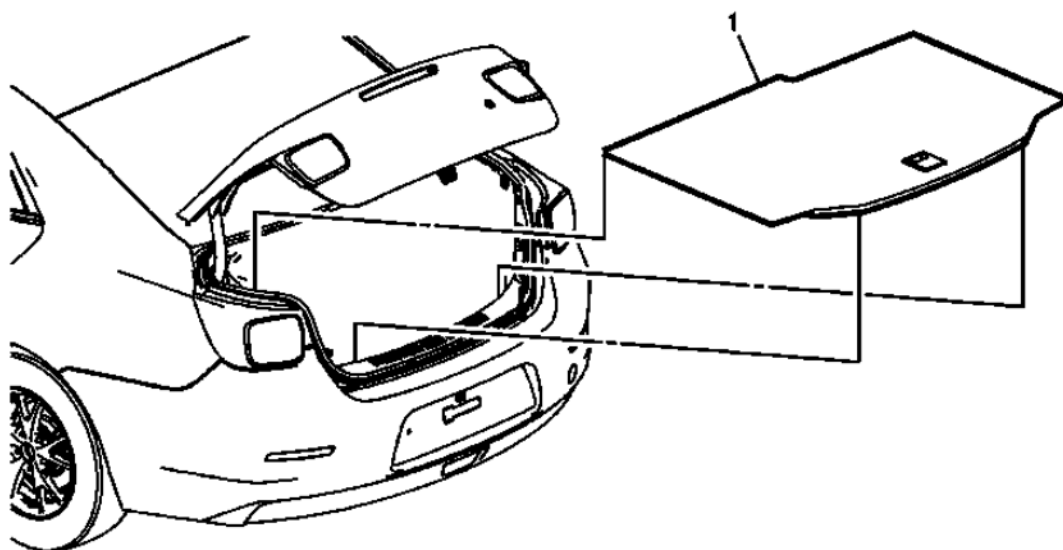


Fig. 7: Rear Compartment Floor Panel Carpet (with HP6)
 Courtesy of GENERAL MOTORS COMPANY

Rear Compartment Floor Panel Carpet Replacement (with HP6)

Callout	Component Name
1	Rear Compartment Floor Panel Carpet Assembly (with HP6)

HEADLINING TRIM PANEL REPLACEMENT (WITHOUT SUNROOF)

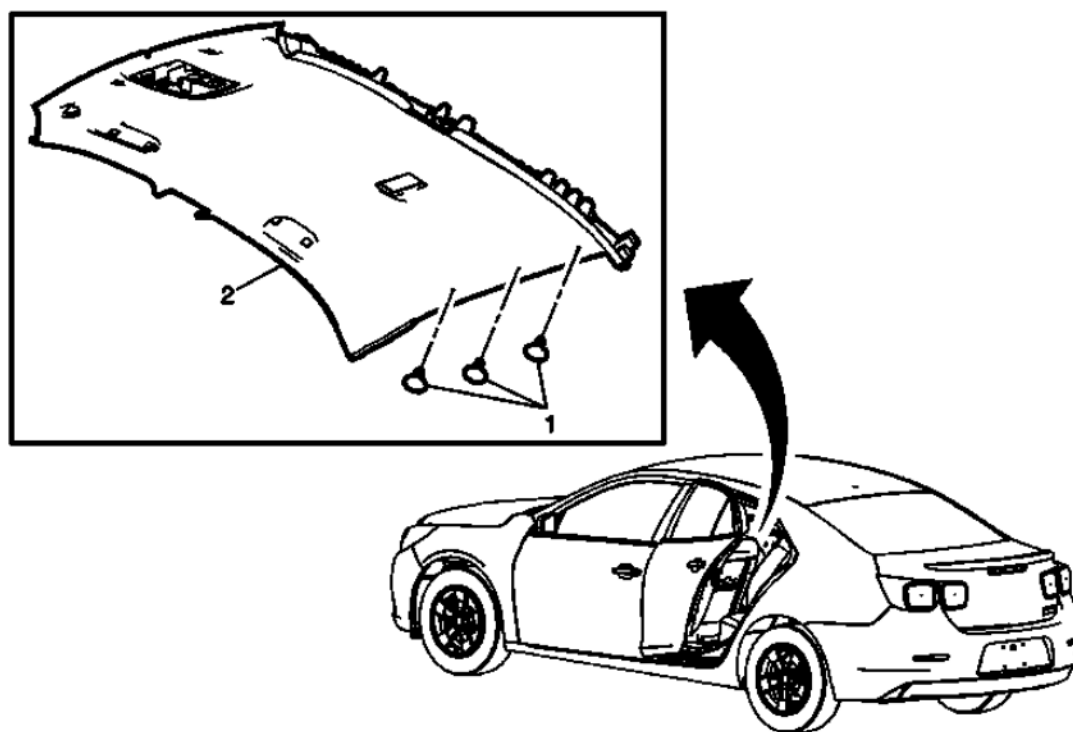


Fig. 8: Headlining Trim Panel (Without Sunroof)
 Courtesy of GENERAL MOTORS COMPANY

Headlining Trim Panel Replacement (Without Sunroof)

Callout	Component Name
WARNING: Do not attempt to repair or alter the head impact energy-absorbing material glued to the headliner or to the garnish trims. If the material is damaged, replace the headliner and/or the garnish trim. Failure to do so could result in personal injury. CAUTION: If a vehicle is equipped with a head curtain inflator module ensure that the inflator module and tether are undamaged. If tether or curtain airbag are damaged in any way, they must be replaced. CAUTION: Use care when working around the head curtain inflator module. Sharp tools may puncture the curtain airbag. If the head curtain inflator module is damaged in any way, it must be replaced. Preliminary Procedures 1. Disable the SIR system. Refer to SIR Disabling and Enabling . 2. Remove the sunshade. Refer to Sunshade Replacement . 3. Remove the sunshade support. Refer to Sunshade Support Replacement . 4. Remove the roof rail front assist handle. Refer to Roof Rail Front Assist Handle Replacement .	

5. Remove the roof rail rear assist handle. Refer to **Roof Rail Rear Assist Handle Replacement** .
6. Remove the windshield side garnish molding. Refer to **Windshield Side Garnish Molding Replacement** .
7. Remove the quarter trim panel. Refer to **Quarter Trim Panel Replacement** .
8. Remove the center pillar upper trim panel. Refer to **Center Pillar Upper Trim Panel Replacement** .
9. Remove the roof console. Refer to **Roof Console Replacement** .
10. Move the front seat fully forward and recline.

1	Headliner Trim Panel Retainer (Qty: 3)
2	Headliner Trim Panel Assembly Procedure 1. Disconnect the electrical connectors from the headliner trim panel assembly. 2. With the aid of an assistant, remove the headliner trim panel assembly from the vehicle through the left rear door. NOTE: When installing a new headliner, tape any unused connectors to the headliner with a high adhesive tape.

HEADLINING TRIM PANEL REPLACEMENT (WITH SUNROOF)

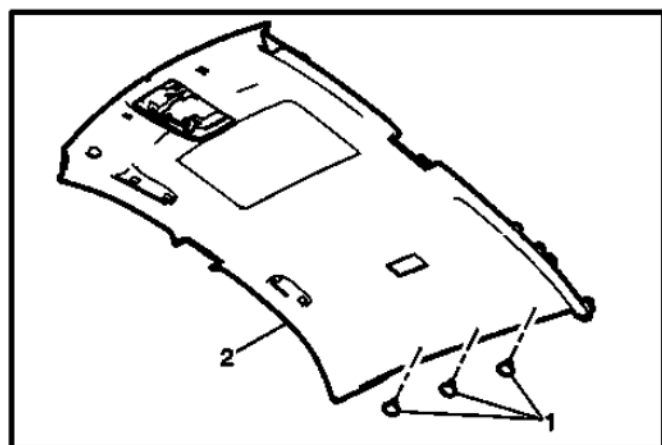


Fig. 9: Headlining Trim Panel (With Sunroof)
 Courtesy of GENERAL MOTORS COMPANY

Headlining Trim Panel Replacement (With Sunroof)

Callout	Component Name
WARNING: Do not attempt to repair or alter the head impact energy-absorbing material glued to the headliner or to the garnish trims. If the material is damaged, replace the headliner and/or the garnish trim. Failure to do so could result in personal injury.	
CAUTION: If a vehicle is equipped with a head curtain inflator module ensure that the inflator module and tether are undamaged. If tether or curtain airbag are damaged in any way, they must be replaced.	
CAUTION: Use care when working around the head curtain inflator module. Sharp tools may puncture the curtain airbag. If the head curtain inflator module is damaged in any way, it must be replaced.	
Preliminary Procedures 1. Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> . 2. Remove the sunshade. Refer to <u>Sunshade Replacement</u> . 3. Remove the sunshade support. Refer to <u>Sunshade Support Replacement</u> . 4. Remove the roof rail front assist handle. Refer to <u>Roof Rail Front Assist Handle Replacement</u> . 5. Remove the roof rail rear assist handle. Refer to <u>Roof Rail Rear Assist Handle Replacement</u> . 6. Remove the windshield side garnish molding. Refer to <u>Windshield Side Garnish Molding Replacement</u> . 7. Remove the quarter trim panel. Refer to <u>Quarter Trim Panel Replacement</u> . 8. Remove the center pillar upper trim panel. Refer to <u>Center Pillar Upper Trim Panel Replacement</u> . 9. Remove the roof console. Refer to <u>Roof Console Replacement</u> . 10. Remove the sunroof trim ring, if equipped. This will give the headliner added flexibility during removal. 11. Move the front seat fully forward and recline.	
1	Headliner Trim Panel Retainer (Qty: 3)
2	Headliner Trim Panel Assembly Procedure 1. Disconnect the electrical connectors from the headliner trim panel assembly. 2. With the aid of an assistant, remove the headliner trim panel assembly from the vehicle through the left rear door.

NOTE:

When installing a new headliner, tape any unused connector to the headliner with a high adhesive tape.