

## 2008 Isuzu Ascender LS

2008 Accessories & Equipment Exterior Trim - Ascender, Envoy & Trailblazer

### 2008 Accessories & Equipment

#### Exterior Trim - Ascender, Envoy & Trailblazer

## SPECIFICATIONS

### FASTENER TIGHTENING SPECIFICATIONS

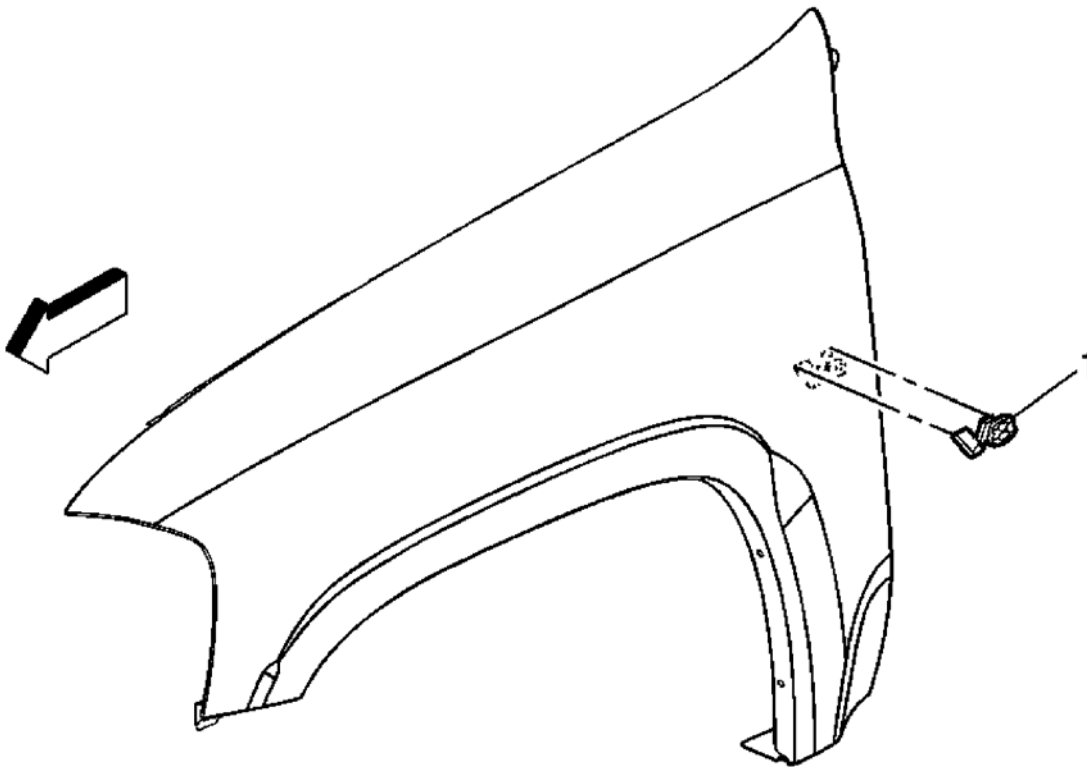
Application	Specification	
	Metric	English
Front Hood Molding Bolts	10 N.m	89 lb in
Grille Emblem Nuts	3 N.m	27 lb in
License Plate Pocket Nuts	10 N.m	89 lb in
Liftgate Applique Screws	5 N.m	44 lb in
Liftgate Upper Molding Bolts	5 N.m	44 lb in
Rocker Panel Molding - Rear Screws	6 N.m	53 lb in
Rocker Panel Molding Screws	7 N.m	62 lb in
Roof Front Applique Screws	10 N.m	89 lb in

## REPAIR INSTRUCTIONS

### FRONT FENDER EMBLEM/NAMEPLATE REPLACEMENT (GMC & ISUZU)

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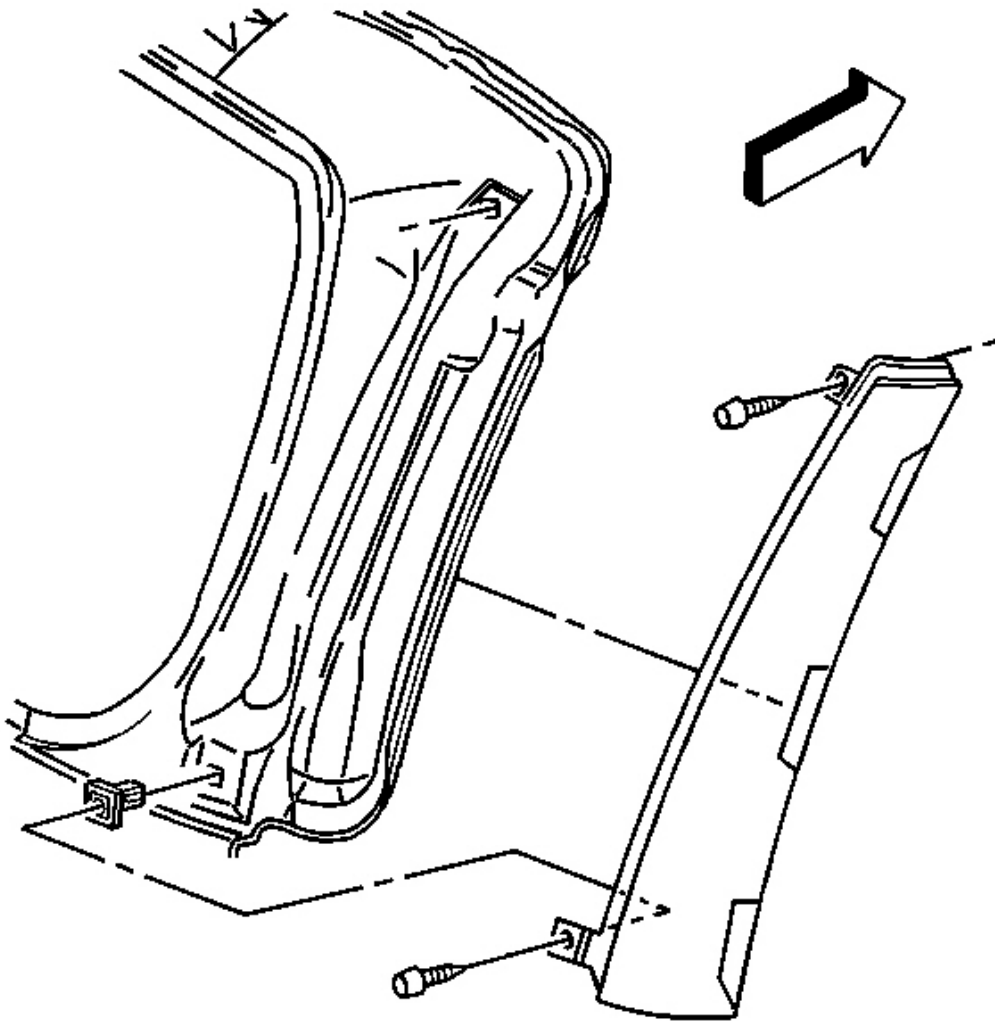


**Fig. 1: Emblem/Nameplate Replacement - Front Fender (GMC & Isuzu)**  
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
<b>Fastener Tightening Specifications:</b> Refer to <b><u>Fastener Tightening Specifications</u></b> .	
1	<p>Front Fender Emblem (V8)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use heat gun to remove old emblem. Clean all adhesive from the fender, wipe surface dry with a clean lint-free towel prior to installing new emblem.</li><li>2. 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><li>3. Ensure full adhesion of the emblem is made to the front fender.</li></ol>

## LIFTGATE APPLIQUE REPLACEMENT

### Removal Procedure



**Fig. 2: Liftgate Applique & Retaining Screws**  
**Courtesy of GENERAL MOTORS CORP.**

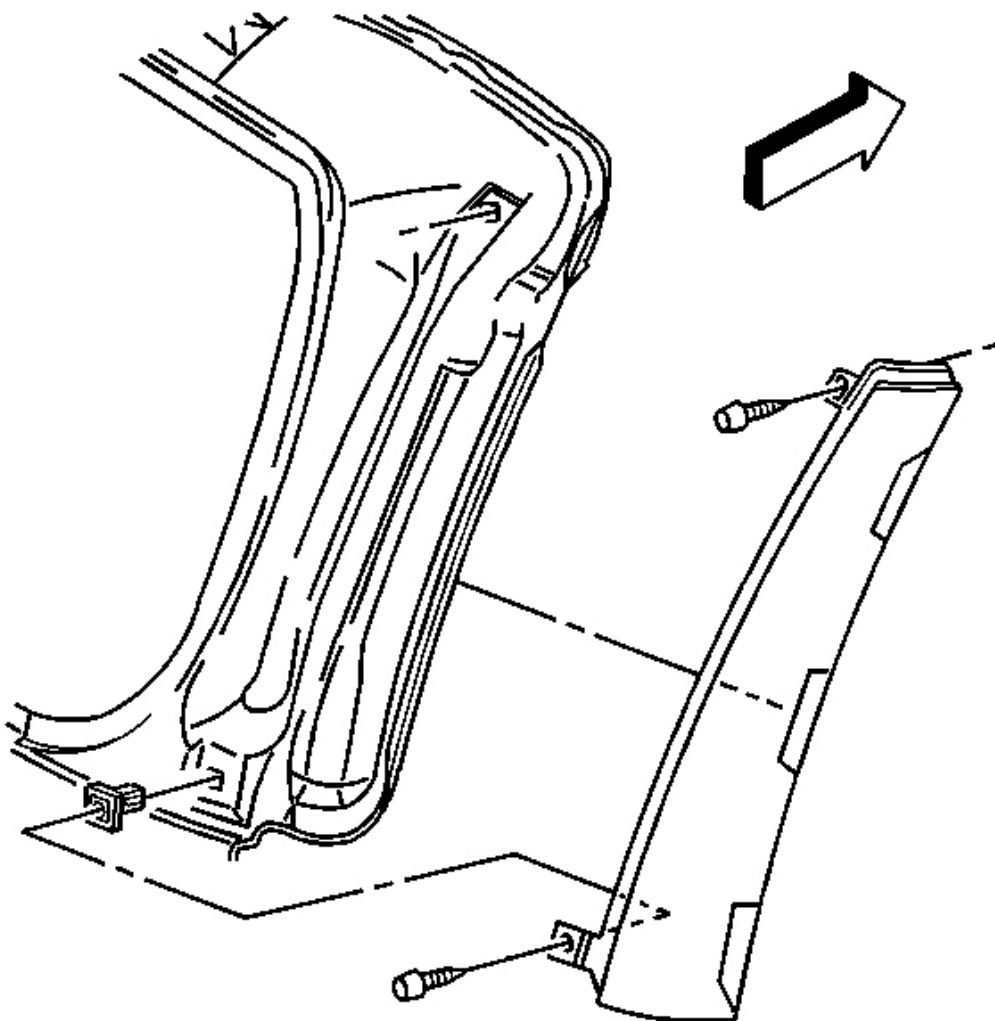
1. Open the liftgate window.
2. Remove the screws that retain the liftgate applique.
3. Close the liftgate window.

**IMPORTANT: Do not open the liftgate with the liftgate glass open.**

4. Close the liftgate window and open the liftgate.

5. Remove the liftgate applique from the liftgate pinch-weld flange.

**Installation Procedure**



**Fig. 3: Liftgate Applique & Retaining Screws**  
**Courtesy of GENERAL MOTORS CORP.**

1. Install the liftgate applique to the liftgate pinch-weld flange. Ensure that the liftgate applique is fully seated.
2. Close the liftgate and open the liftgate window.

**NOTE:** Refer to Fastener Notice .

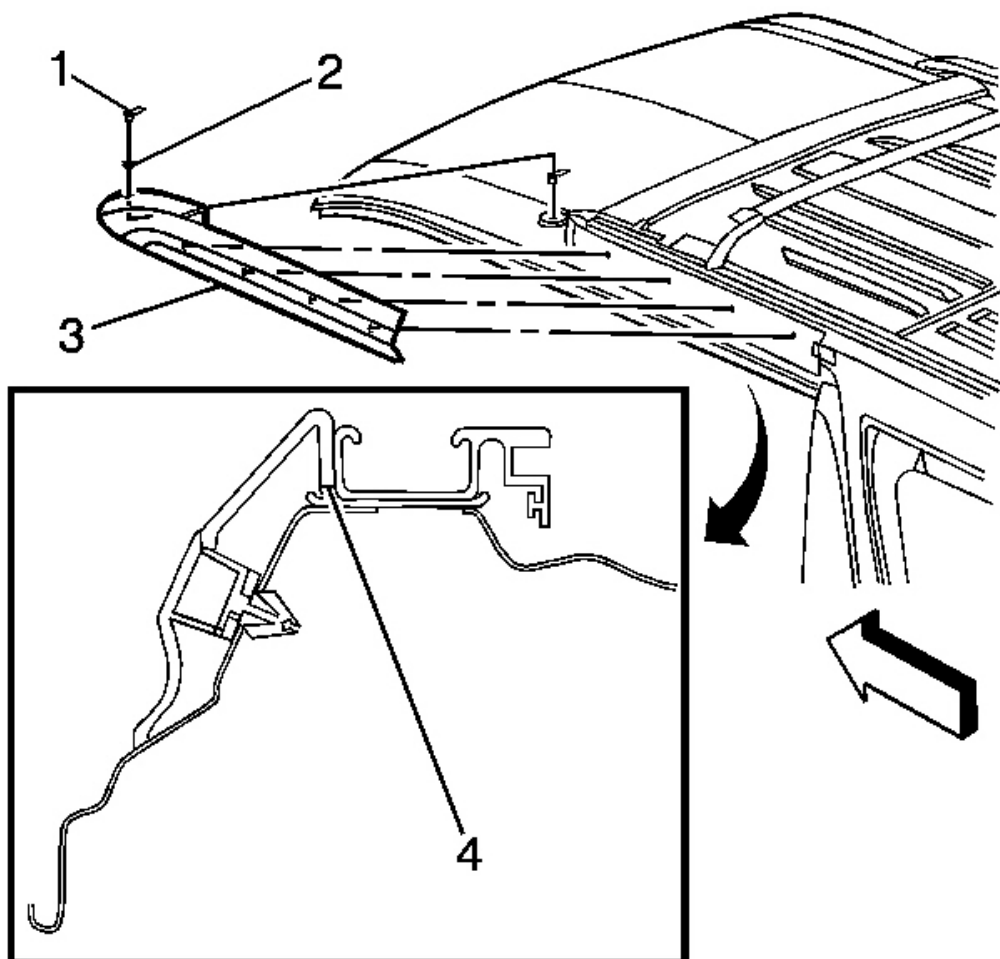
3. Install the screws that retain the liftgate applique to the body.

**Tighten:** Tighten the liftgate applique screws to 5 N.m (44 lb in).

4. Close the liftgate window.

## ROOF FRONT APPLIQUE REPLACEMENT

### Removal Procedure



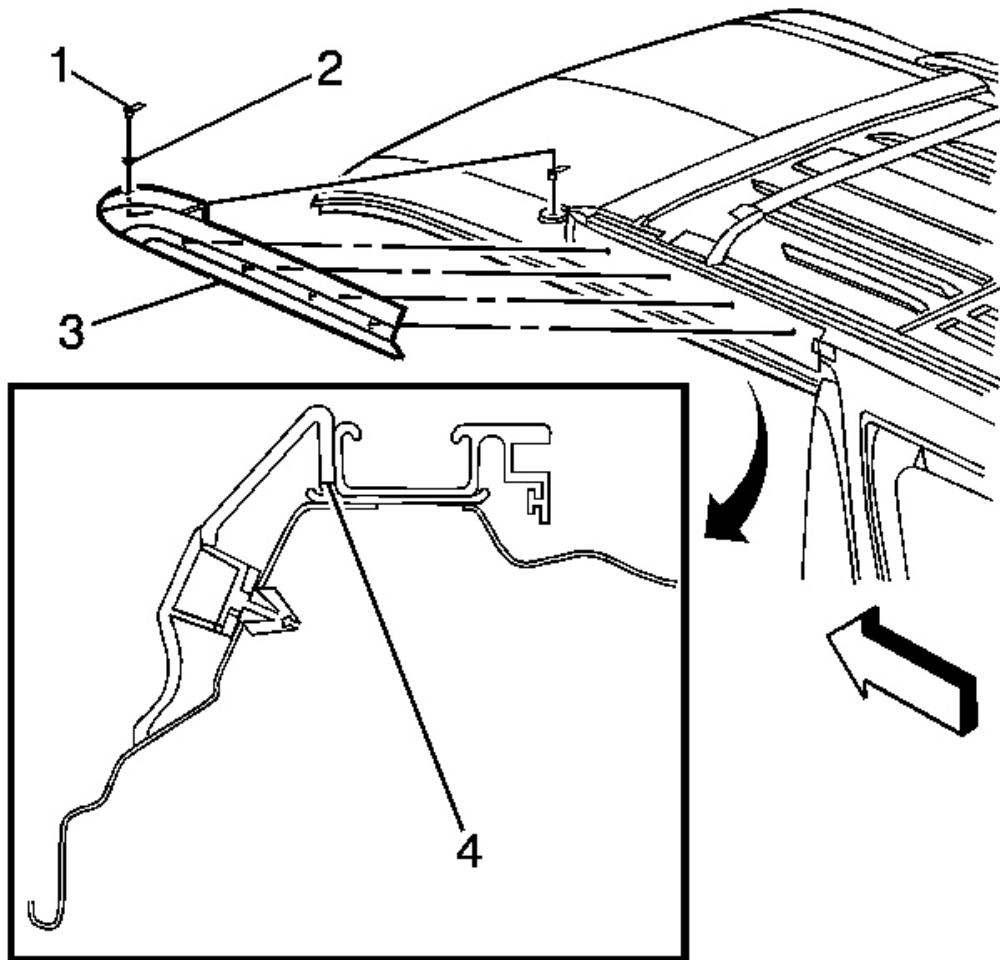
**Fig. 4: Locating Roof Applique - Front**

<b>2008 Isuzu Ascender LS</b>
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**Courtesy of GENERAL MOTORS CORP.**

1. Remove the fastener access cover (1).
2. Remove the bolt (2) retaining the applique to the roof.
3. Place the tape along the lower end of the applique in order to protect the painted surfaces.
4. Lift the front of the applique (3) in order to visually see the snap-in fasteners.
5. Starting from the front, working rearward, insert a long flat-bladed tool between the applique and the fastener and twist the tool in order to release the 4 fasteners.
6. Remove the applique (3).
7. Inspect the applique and snap-in fasteners for damage.

**Installation Procedure**



**Fig. 5: Locating Roof Applique - Front**  
Courtesy of GENERAL MOTORS CORP.

1. Align the applique (3) to the vehicle.
2. Insert the upper flange into the roof rail (4).
3. Align the snap-in fasteners to the holes in the roof.
4. Press the applique downward until all 4 fasteners lock into place.

**NOTE:** Refer to Fastener Notice .

5. Install the bolts (2).

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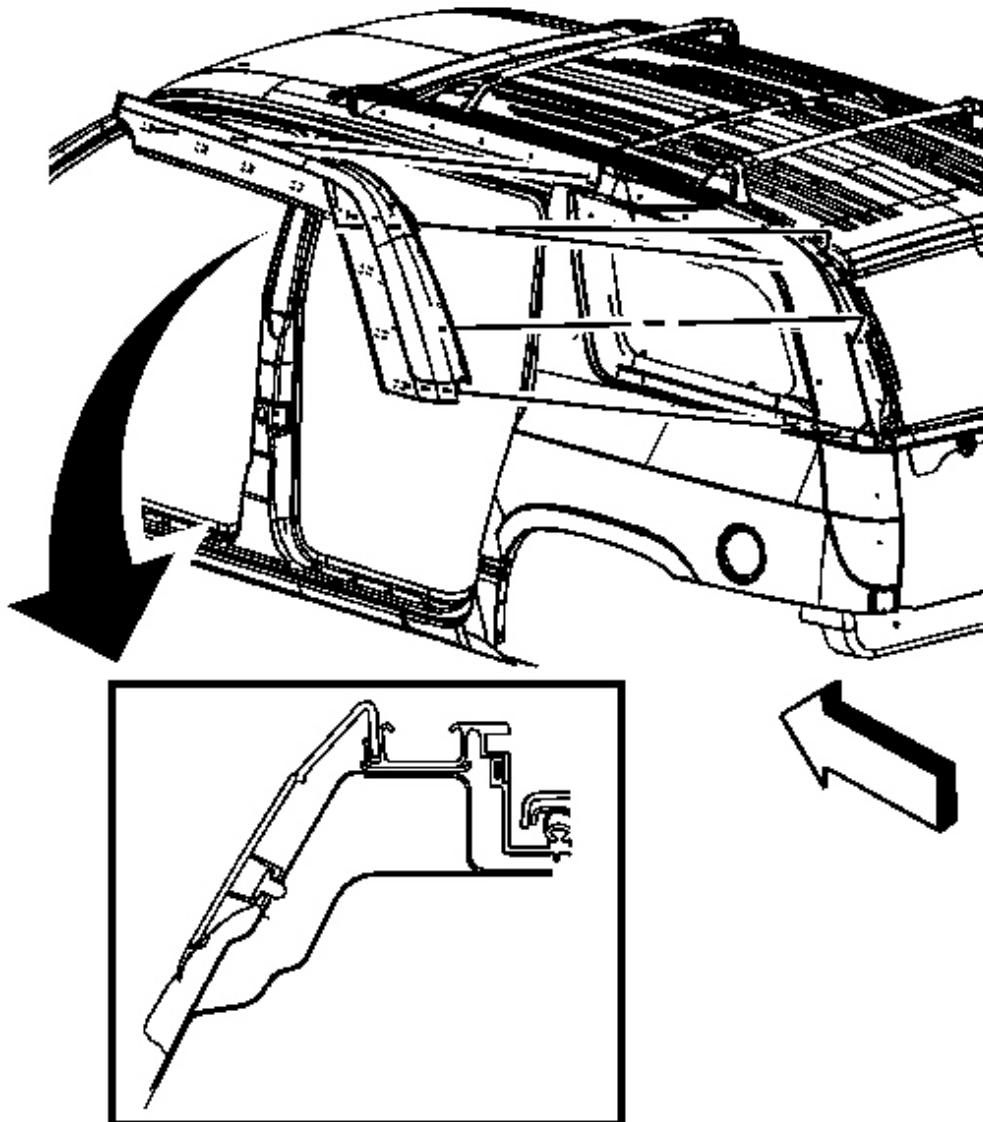
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**Tighten:** Tighten the bolts (2) to 10 N.m (89 lb in).

6. Install the fastener access covers (1).

### ROOF REAR APPLIQUE REPLACEMENT

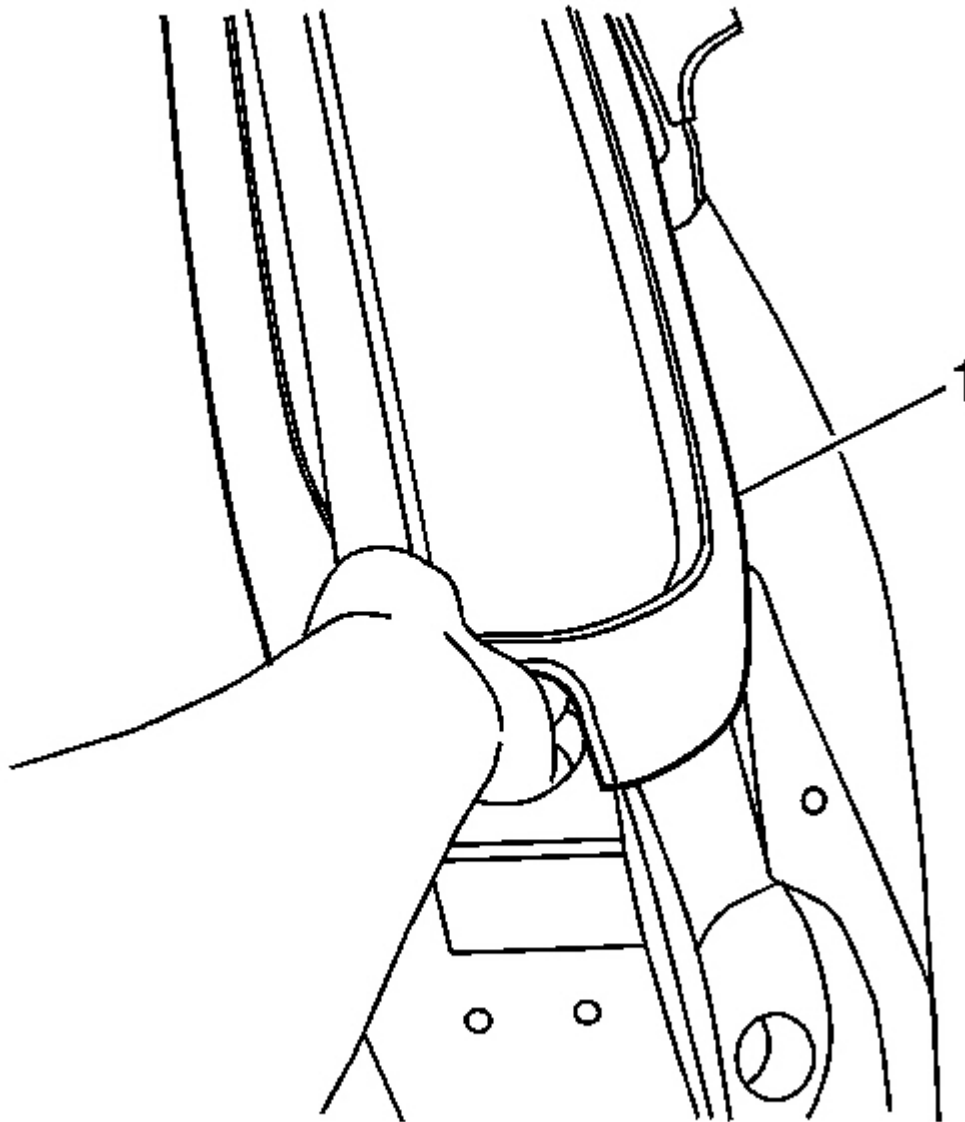
#### Removal Procedure





**Fig. 6: View Of Roof Applique - Rear**  
**Courtesy of GENERAL MOTORS CORP.**

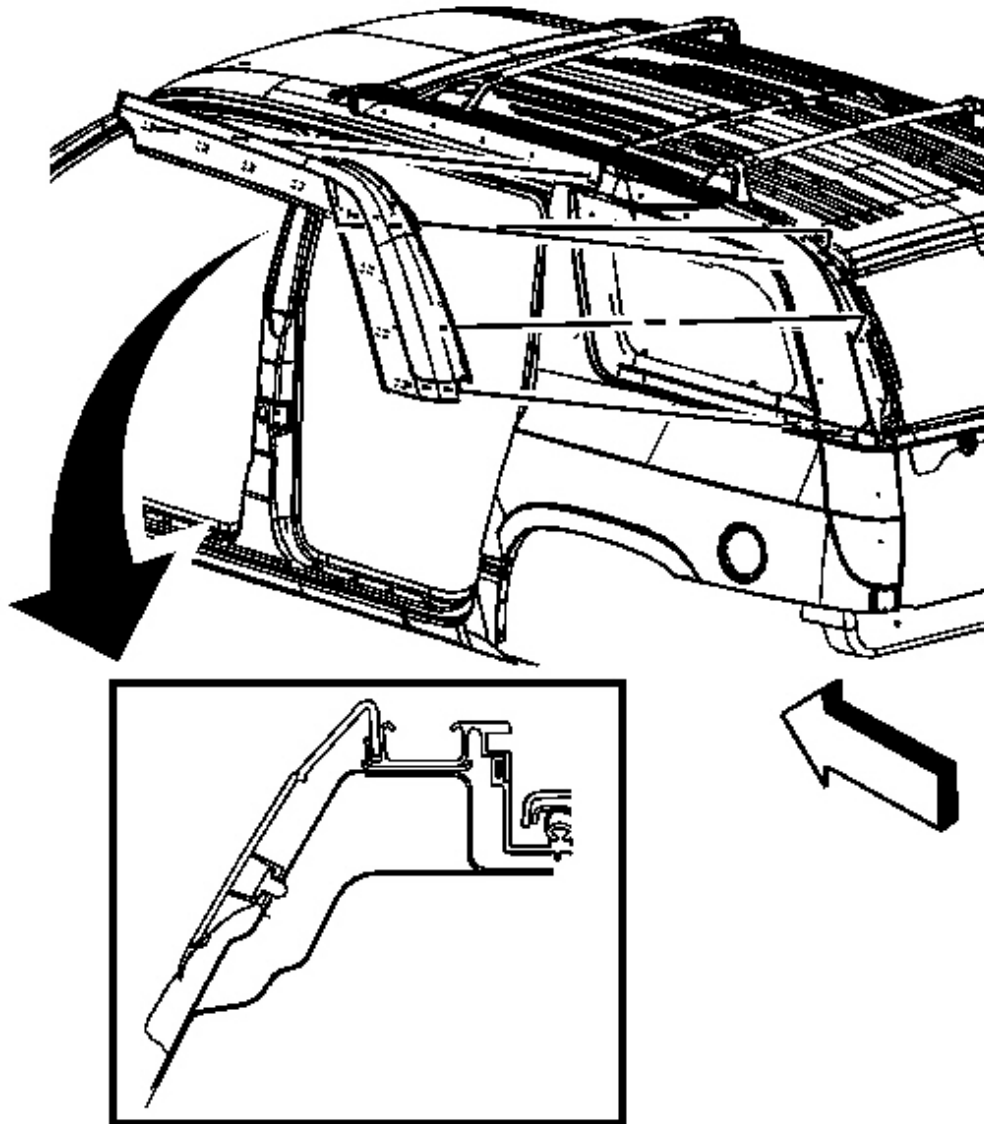
1. Remove the front applique. Refer to **Roof Front Applique Replacement**.
2. Remove the tail lamp. Refer to **Tail Lamp Replacement (Isuzu)** or **Tail Lamp Replacement (TrailBlazer)** .
3. Place masking tape along the lower edge of the applique in order to protect the painted surfaces and the glass.
4. Using a long flat-bladed tool, starting at the rear opening, insert the tool between the applique and the fastener and twist the tool in order to release the snap-in fasteners on the rear pillar.



**Fig. 7: Releasing Applique Fasteners**  
Courtesy of GENERAL MOTORS CORP.

5. Lift the rear of the applique (1) upwards and outwards in order to release the remaining fasteners.
6. Remove the applique.
7. Inspect the applique and the fasteners for damage.

**Installation Procedure**



**Fig. 8: View Of Roof Applique - Rear**  
**Courtesy of GENERAL MOTORS CORP.**

1. Align the applique to the vehicle.
2. Insert the flange on the molding into the slot in the roof rail.

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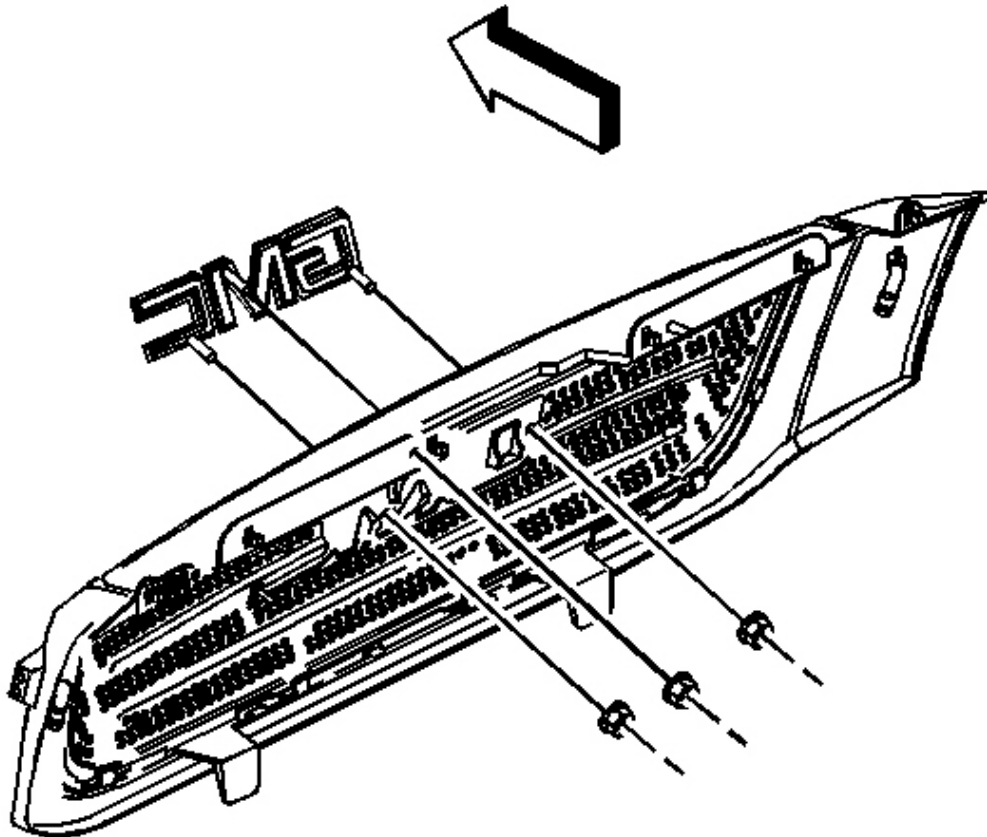
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3. Align the fasteners to the holes in the roof.
4. Starting at the front, working rearward for all 12 fasteners, press the applique downward until an audible click is heard.
5. Install the front applique. Refer to **Roof Front Applique Replacement**.
6. Install the tail lamp. Refer to **Tail Lamp Replacement (Isuzu)** or **Tail Lamp Replacement (TrailBlazer)**.

### RADIATOR GRILLE EMBLEM/NAMEPLATE REPLACEMENT (ENVOY)

#### Removal Procedure

1. Remove the grille. Refer to **Grille Replacement (Envoy)** or **Grille Replacement (TrailBlazer)**.
2. Place the grille on a clean, prepared surface.

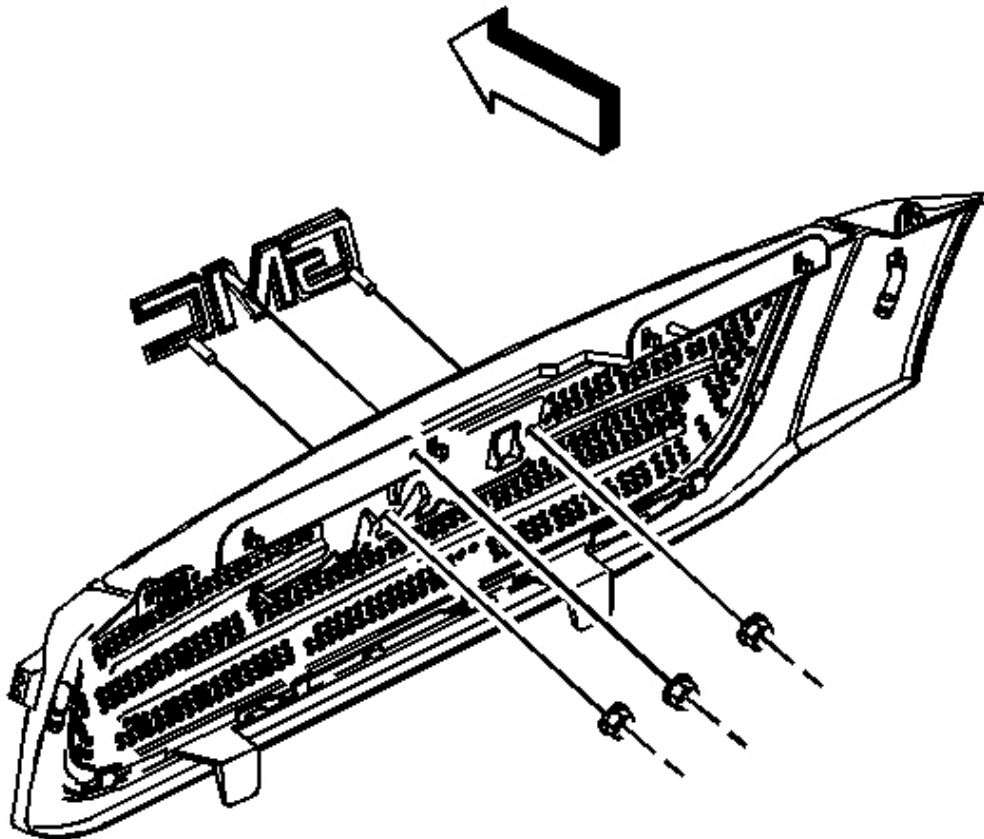


**Fig. 9: View Of Grille Emblem**

Courtesy of GENERAL MOTORS CORP.

3. Remove the emblem retaining nuts.
4. Remove the emblem from the grille.

**Installation Procedure**



**Fig. 10: View Of Grille Emblem**

Courtesy of GENERAL MOTORS CORP.

1. Install the emblem to the grille.

**NOTE:** Refer to Fastener Notice .

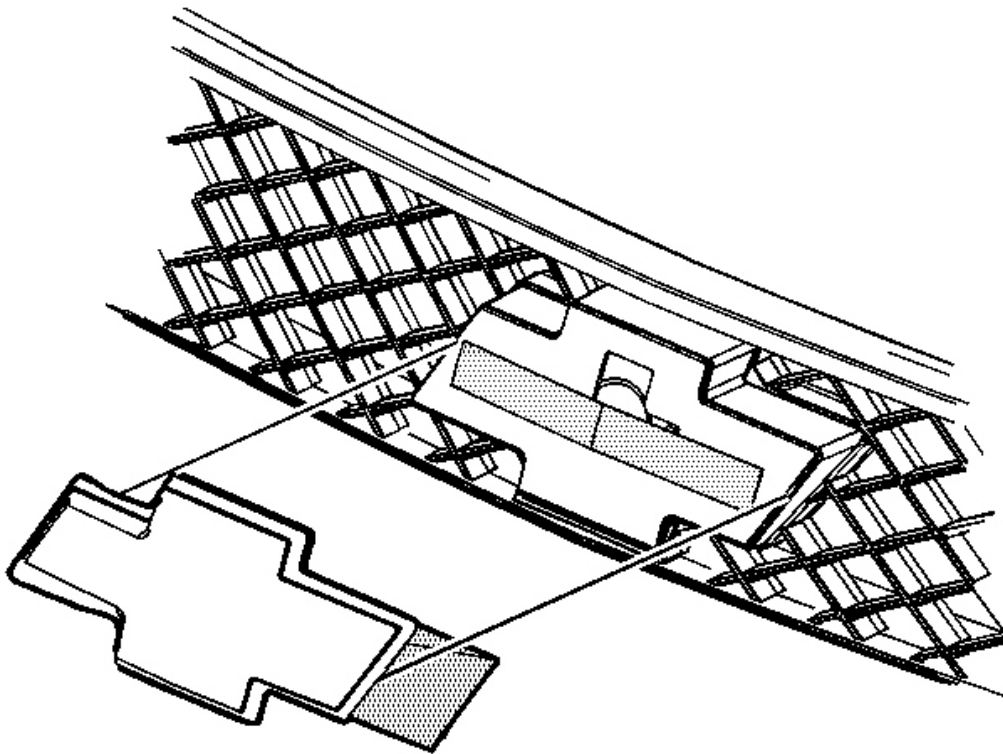
2. Install the nuts that retain the emblem to the grille.

**Tighten:** Tighten the nuts to 3 N.m (27 lb in).

3. Install the grille. Refer to **Grille Replacement (Envoy)** or **Grille Replacement (TrailBlazer)**.

## **RADIATOR GRILLE EMBLEM/NAMEPLATE REPLACEMENT (TRAILBLAZER LT)**

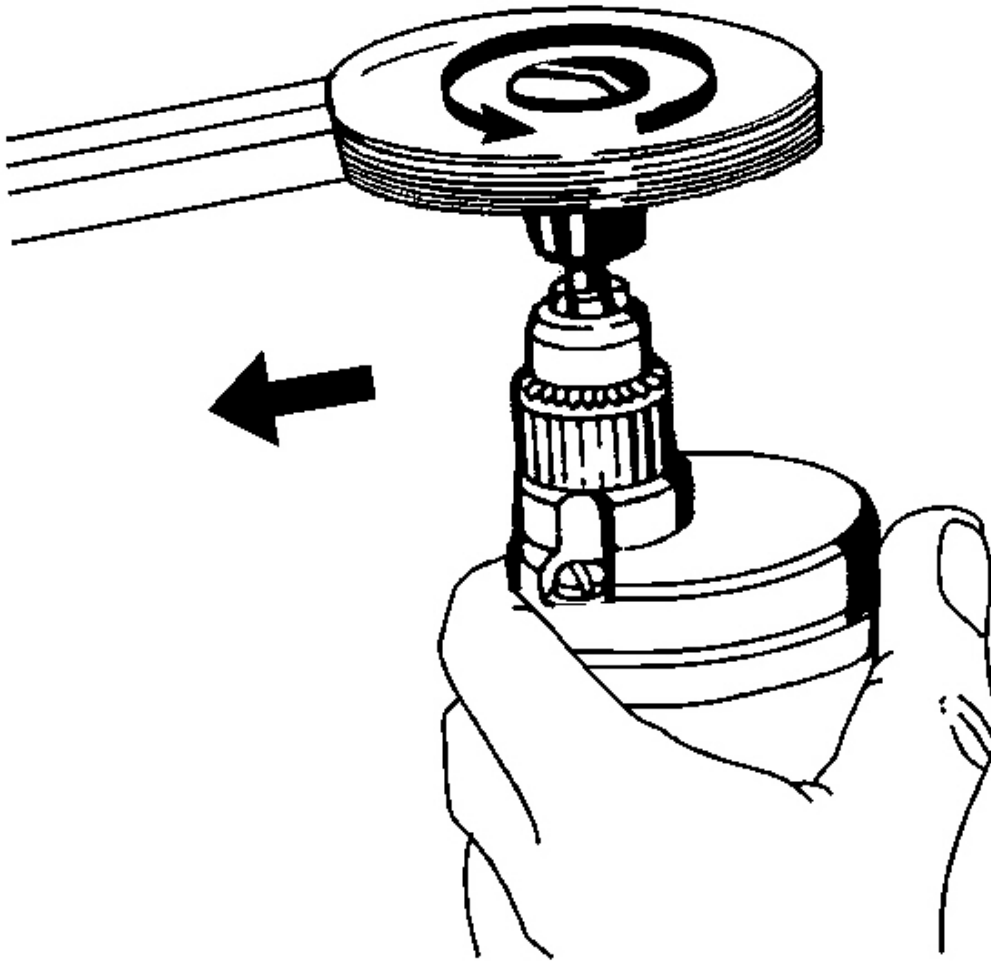
### **Removal Procedure**



**Fig. 11: View Of Grille Emblem (TrailBlazer LT)**

**Courtesy of GENERAL MOTORS CORP.**

1. When replacing or repairing an emblem/nameplate do the following:
  1. Use tape to protect the mounting surface during removal.
  2. Use tape for alignment marks for installation of the emblem/nameplate.
2. To remove an emblem/nameplate, heat the emblem/nameplate using a heat gun. Apply heat using a circular motion for about 30 seconds.



**Fig. 12: Adhesive Removal Tool**  
Courtesy of GENERAL MOTORS CORP.

**NOTE:** Refer to Exterior Trim Emblem Removal Notice .

3. Use a plastic, flat-bladed tool to remove the emblem/nameplate from the panel surface.
4. When replacing, remove all adhesive as follows:
  - For body panels use a 3M™ Scotch Brite molding adhesive remover disk 3M™ P/N 07501 or equivalent.
  - For plastic panels use a lint-free cloth and Varnish Makers and Painters (VMP) naptha or a 50/50 mixture by volume of isopropyl alcohol and water to remove the adhesive.

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### Installation Procedure

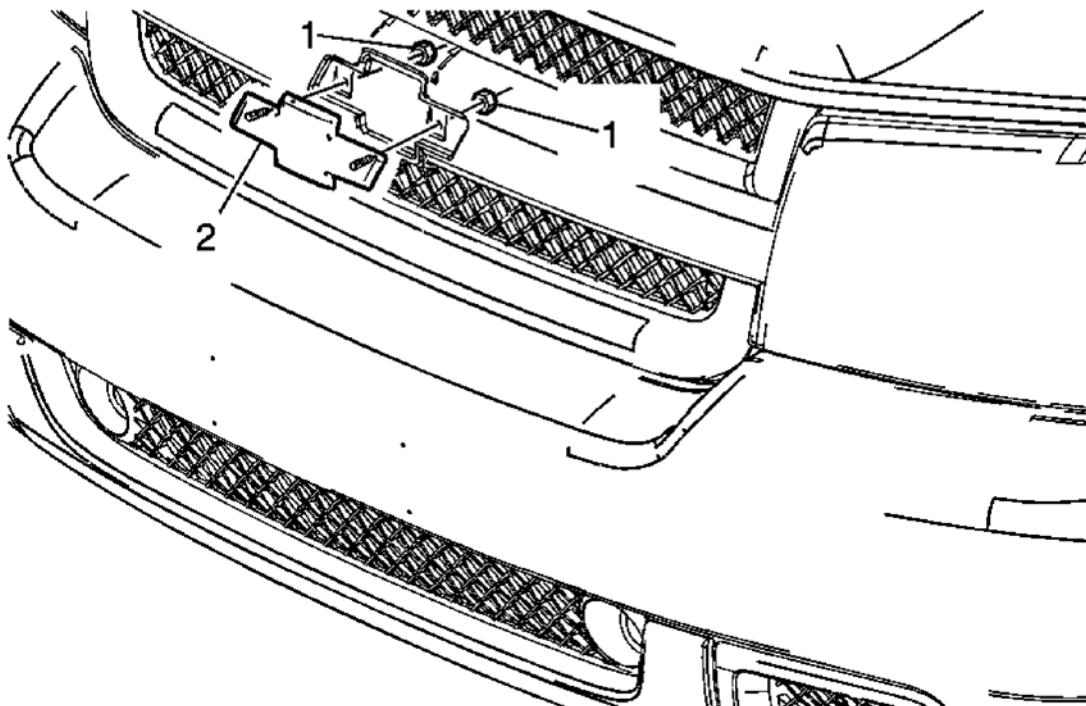
**IMPORTANT:** Apply the emblem/nameplate in an environment that is free from dust or other dirt that could come into contact with the sticky backing. Foreign material may cause improper adhesion.

1. Clean the area where the emblem/nameplate will be installed.

Use a lint-free cloth and VMP naphtha or a 50/50 mixture by volume of isopropyl alcohol and water to clean the area.

2. Dry the area thoroughly.
3. Apply tape and mark the location as shown.
4. Heat the mounting surface to approximately 27-41°C (80-105°F).
5. Ensure that the temperature of the emblem/nameplate is approximately 29-32°C (85-90°F).
6. Remove the protective liner from the back of the emblem/nameplate.
7. Position the emblem/nameplate to the alignment holes and press the emblem/nameplate to the mounting surface.
8. Apply equal pressure along the emblem/nameplate to uniformly bond the item to the mounting surface.
9. Remove the protective tape from the mounting surface.

### RADIATOR GRILLE EMBLEM/NAMEPLATE REPLACEMENT (TRAILBLAZER SS / LS)





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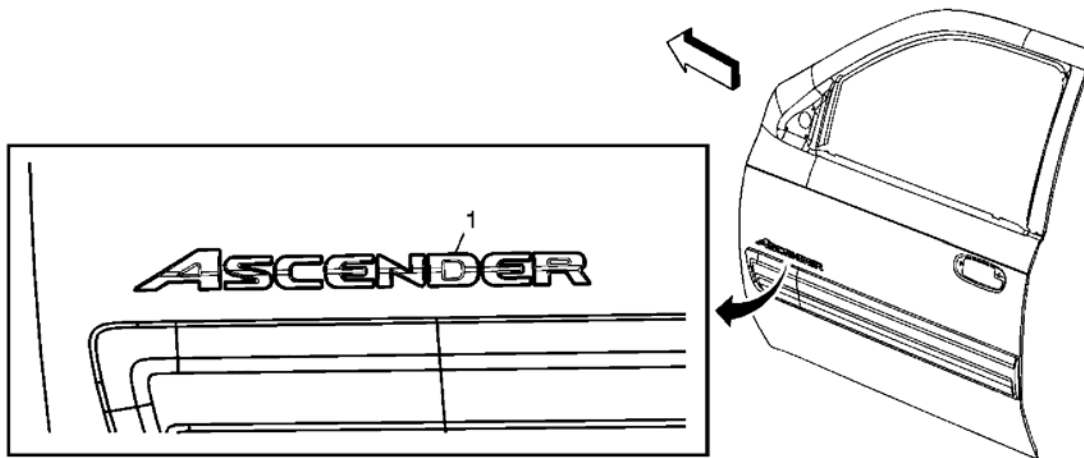
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**Fig. 13: Emblem Replacement - Grille (TrailBlazer SS)**

Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
<b>Fastener Tightening Specifications:</b> Refer to <u><b>Fastener Tightening Specifications</b></u> .	
<b>Preliminary Procedure</b> Remove the front grille. Refer to <u><b>Grille Replacement (Envoy)</b></u> or <u><b>Grille Replacement (TrailBlazer)</b></u> .	
1	Pal Nuts (Qty: 2) <b>Tip:</b> Firmly secure the pal nuts to the emblem after installation.
2	Front Grille Nameplate Replacement (Bowtie) <b>Tip:</b> <ol style="list-style-type: none"><li>1. When removing protective liners from 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><li>2. Use a <b>J 25070</b> or equivalent to remove the old nameplate. Clean all adhesive from front grille, wipe the surface dry with a clean lint-free towel prior to installing the new nameplate.</li></ol>

### FRONT SIDE DOOR EMBLEM/NAMEPLATE REPLACEMENT (ASCENDER)



**Fig. 14: Emblem/Nameplate Replacement - Door (Ascender)**

Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
<b>Fastener Tightening Specifications:</b> Refer to <u><b>Fastener Tightening Specifications</b></u> .	
	Front Side Door Nameplate (ASCENDER) <b>Tip:</b> <ol style="list-style-type: none"><li>1. Use a <b>J 25070</b> Heat Gun-500-750F or equivalent to remove the old nameplate. Clean</li></ol>

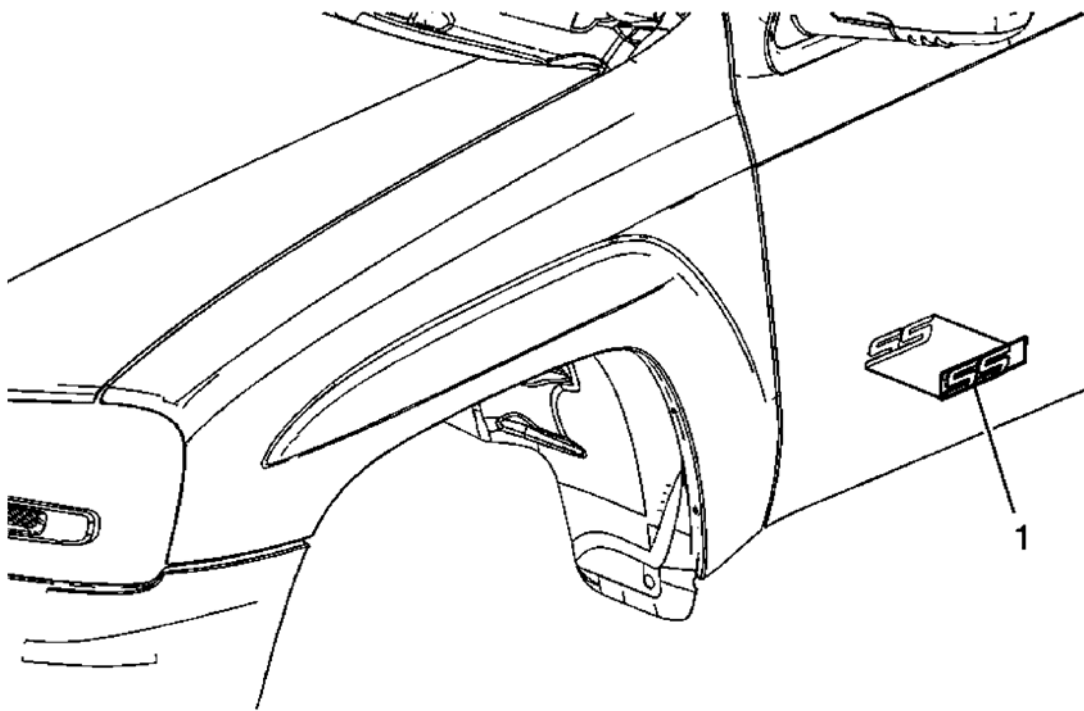
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- all adhesive from front door, wipe the surface dry with a clean lint-free towel prior to installing new nameplate.
- When removing protective liners from adhesive tape, be careful not to touch tape with hands and do not allow tape to come in contact with dirt or any foreign matter prior to adhesion.
- Ensure full adhesion is made after installing the new nameplate to the front door.

### FRONT SIDE DOOR EMBLEM/NAMEPLATE REPLACEMENT (TRAILBLAZER SS)



**Fig. 15: Emblem/Nameplate Replacement - Door (TrailBlazer SS)**  
Courtesy of GENERAL MOTORS CORP.

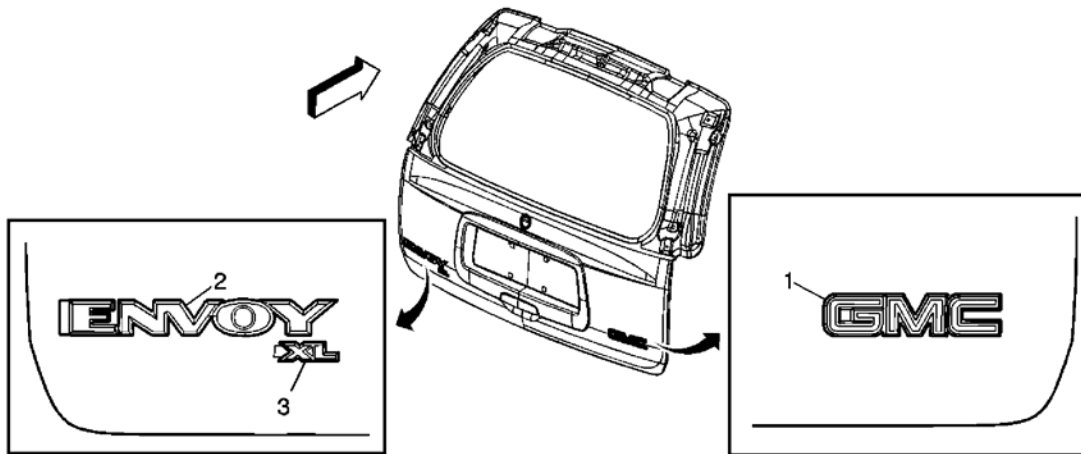
Callout	Component Name
<b>Fastener Tightening Specifications: Refer to <u>Fastener Tightening Specifications</u>.</b>	
1	<p>Front Door Nameplate/Emblem</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>When removing protective liners from adhesive backed nameplates, be careful not to touch the tape with hands and do not allow the tape to come in contact with dirt or any foreign matter prior to adhesion.</li><li>Use a <b>J 25070</b> Heat Gun-500-750F or equivalent to remove the old nameplate. Clean all the adhesive residue from the fender, wipe the surface dry with a clean lint-free towel prior to installing new nameplate.</li></ol>

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3. Close the door prior to installing the new nameplate/emblem to the door.
4. Remove the protective liner from the back side of the adhesive tape.
5. Align the nameplate/emblem to the door and press to ensure full adhesion to the door.

### LIFTGATE EMBLEM/NAMEPLATE REPLACEMENT (GMC)



**Fig. 16: Emblem/Nameplate Replacement - Liftgate (GMC)**

Courtesy of GENERAL MOTORS CORP.

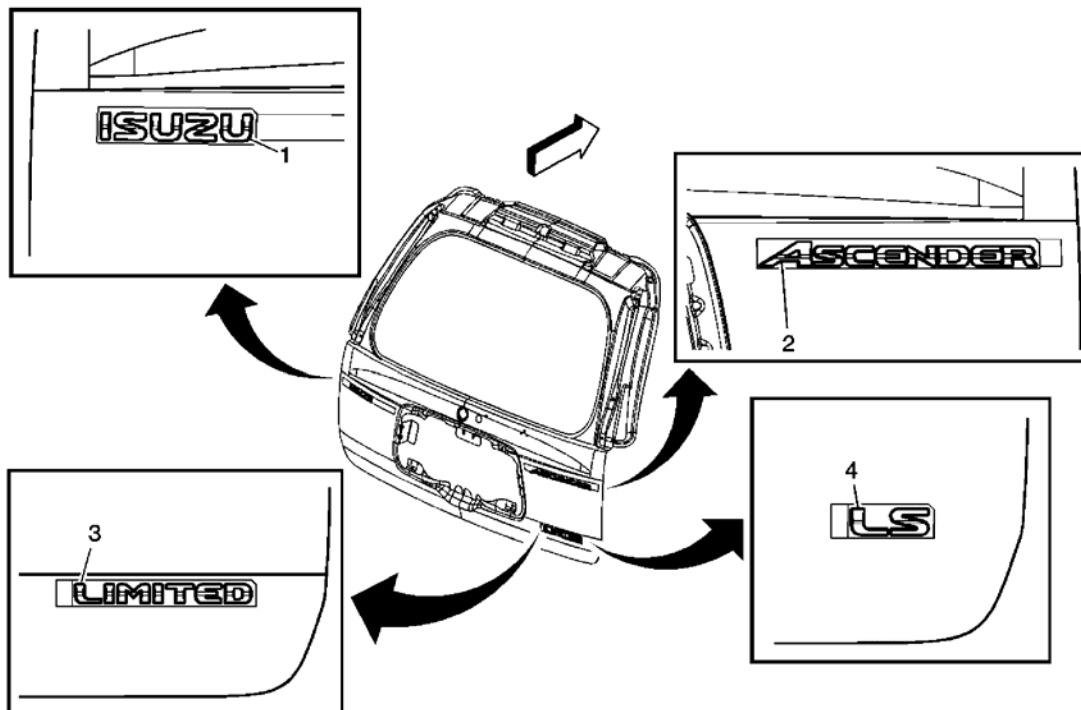
Callout	Component Name
<b>Fastener Tightening Specifications: Refer to <u>Fastener Tightening Specifications</u>.</b>	
1	<p>Rear Liftgate Name Plate Assembly (GMC)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use a <b>J 25070</b> Heat Gun-500-750F or equivalent to remove the old nameplate. Clean all adhesive from rear liftgate, wipe surface dry with a clean lint-free towel prior to installing new nameplate.</li><li>2. When removing protective liners from 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><li>3. Close the liftgate lid.</li><li>4. Ensure full adhesion of the nameplate to the liftgate is made.</li></ol>
2	<p>Rear Liftgate Name Plate Assembly (ENVOY)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use a <b>J 25070</b> or equivalent to remove the old nameplate. Clean all adhesive from rear liftgate, wipe surface dry with a clean lint-free towel prior to installing new nameplate.</li><li>2. When removing protective liners from adhesive tape, be careful not to touch tape</li></ol>

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	<p>with hands and do not allow tape to come in contact with dirt or any foreign matter prior to adhesion.</p> <ol style="list-style-type: none"><li>3. Close the rear liftgate.</li><li>4. Ensure full adhesion of the nameplate to the liftgate is made.</li></ol>
3	<p>Rear Liftgate Emblem (XL)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use a <b>J 25070</b> or equivalent to remove the old emblem. Clean all adhesive from rear liftgate, wipe surface dry with a clean lint-free towel prior to installing new emblem.</li><li>2. When removing protective liners from 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><li>3. Close the liftgate lid.</li><li>4. Ensure full adhesion of the emblem to the liftgate is made.</li></ol>

### LIFTGATE EMBLEM/NAMEPLATE REPLACEMENT (ISUZU)



**Fig. 17: Emblem/Nameplate Replacement - Liftgate (Isuzu)**  
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
<b>Fastener Tightening Specifications: Refer to <u>Fastener Tightening Specifications</u>.</b>	

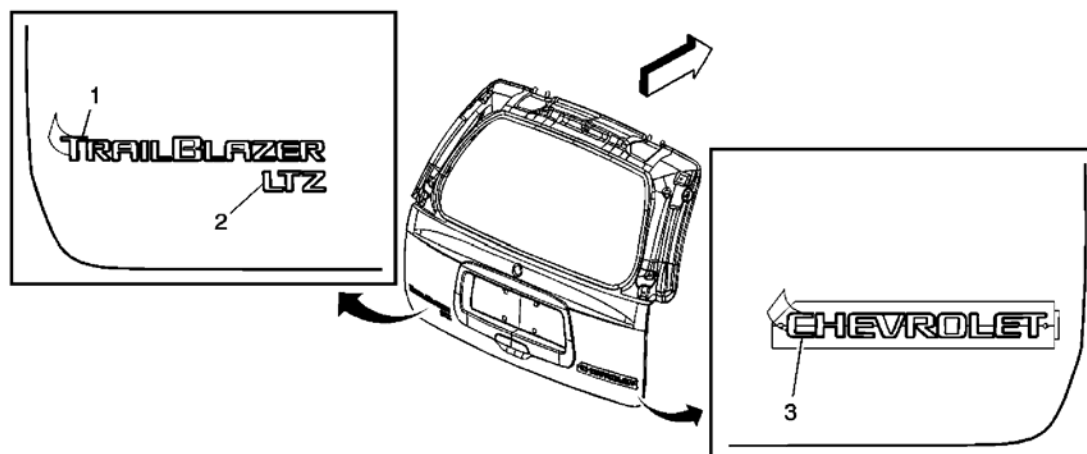
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1	<p>Rear Liftgate Name Plate Assembly (ISUZU)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use a <b>J 25070</b> Heat Gun-500-750F or equivalent to remove the old nameplate. Clean all adhesive from rear liftgate, wipe surface dry with a clean lint-free towel prior to installing new nameplate.</li><li>2. When removing protective liners from 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><li>3. Close the liftgate lid.</li><li>4. Ensure full adhesion of the nameplate to the liftgate is made.</li></ol>
2	<p>Rear Liftgate Name Plate Assembly (ASCENDER)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use a <b>J 25070</b> or equivalent to remove the old nameplate. Clean all adhesive from rear liftgate, wipe surface dry with a clean lint-free towel prior to installing new nameplate.</li><li>2. When removing protective liners from 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><li>3. Close the rear liftgate.</li><li>4. Ensure full adhesion of the nameplate to the liftgate is made.</li></ol>
3	<p>Rear Liftgate Emblem (LIMITED)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use a <b>J 25070</b> or equivalent to remove the old emblem. Clean all adhesive from rear liftgate, wipe surface dry with a clean lint-free towel prior to installing new emblem.</li><li>2. When removing protective liners from 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><li>3. Close the liftgate lid.</li><li>4. Ensure full adhesion of the emblem to the liftgate is made.</li></ol>
4	<p>Rear Liftgate Emblem (LS)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use a <b>J 25070</b> or equivalent to remove the old emblem. Clean all adhesive from rear liftgate, wipe surface dry with a clean lint-free towel prior to installing new emblem.</li><li>2. When removing protective liners from 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><li>3. Close the liftgate lid.</li><li>4. Ensure full adhesion of the emblem to the liftgate is made.</li></ol>

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**Fig. 18: Emblem/Nameplate Replacement - Liftgate (TrailBlazer LTZ)**

Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
<b>Fastener Tightening Specifications: Refer to <u>Fastener Tightening Specifications</u>.</b>	
1	<p>Rear Liftgate Name Plate Assembly (TrailBlazer)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use a <b>J 25070</b> Heat Gun-500-750F or equivalent to remove the old nameplate. Clean all adhesive from rear liftgate, wipe surface dry with a clean lint-free towel prior to installing new nameplate.</li><li>2. 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><li>3. Close the liftgate lid.</li><li>4. Ensure full adhesion of the nameplate to the liftgate is made.</li></ol>
2	<p>Rear Liftgate Emblem Assembly (LTZ)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use a <b>J 25070</b> or equivalent to remove the old emblem. Clean all adhesive from rear liftgate, wipe surface dry with a clean lint-free towel prior to installing new emblem.</li><li>2. When removing protective liners from 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><li>3. Close the rear liftgate.</li><li>4. Ensure full adhesion of the emblem to the liftgate is made.</li></ol>
	<p>Rear Liftgate Nameplate Assembly (CHEVROLET)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use a <b>J 25070</b> or equivalent to remove the old nameplate. Clean all adhesive from</li></ol>

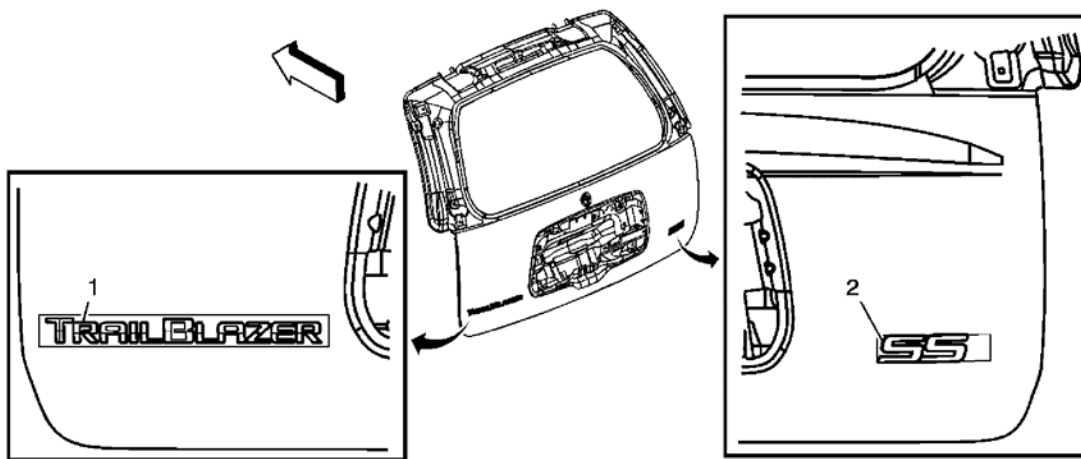
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- rear liftgate, wipe surface dry with a clean lint-free towel prior to installing new emblem.
2. When removing protective liners from adhesive tape, be careful not to touch tape with hands and do not allow tape to come in contact with dirt or any foreign matter prior to adhesion.
  3. Close the liftgate lid.
  4. Ensure full adhesion of the nameplate to the liftgate is made.

### LIFTGATE EMBLEM/NAMEPLATE REPLACEMENT (TRAILBLAZER SS)



**Fig. 19: Emblem/Nameplate Replacement - Liftgate (TrailBlazer SS)**  
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
<b>Fastener Tightening Specifications:</b> Refer to <b><u>Fastener Tightening Specifications</u></b> .	
1	<p>Rear Compartment Lid Name Plate (TrailBlazer)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use heat gun to remove old nameplate. Clean all adhesive from rear compartment lid, wipe surface dry with a clean lint-free towel prior to installing new nameplate.</li><li>2. When removing protective liners from 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><li>3. Close the rear compartment lid prior to installing the new nameplate.</li><li>4. Ensure full adhesion of the nameplate is made to the liftgate.</li></ol>
	<p>Rear Compartment Lid Emblem (SS)</p> <p><b>Tip:</b></p> <ol style="list-style-type: none"><li>1. Use heat gun to remove the old emblem. Clean all adhesive from rear compartment</li></ol>

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2

- lid, wipe surface dry with a clean lint-free towel prior to installing new emblem.
2. When removing protective liners from 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.
3. Close the rear compartment lid prior to installing the new nameplate.
4. Ensure full adhesion of the emblem is made to the liftgate.

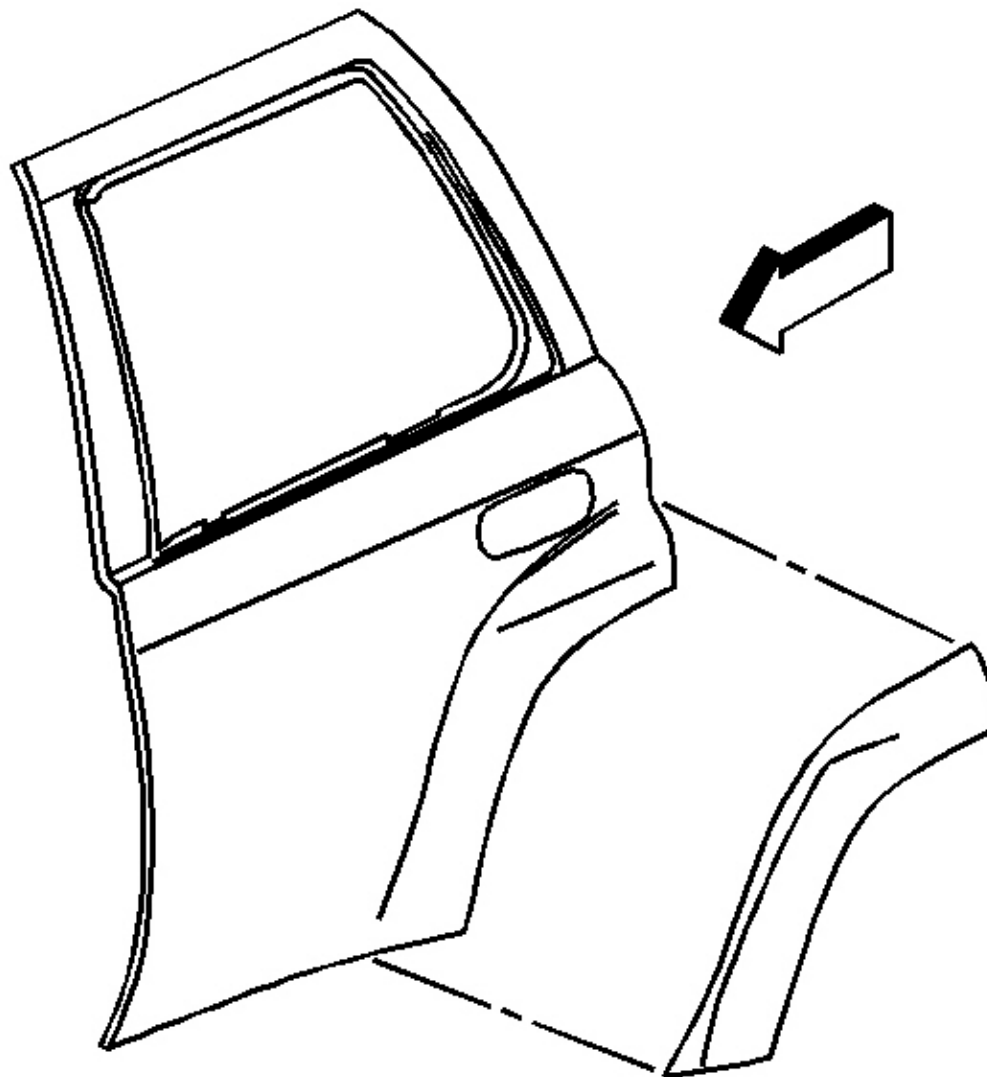
### REAR WHEEL OPENING FRONT FLARE REPLACEMENT

#### Tools Required

**J 25070** Heat Gun

#### Removal Procedure





**Fig. 20: View Of Wheel Opening Door Flare - Rear**  
**Courtesy of GENERAL MOTORS CORP.**

1. Remove the molding from the vehicle using the following procedure:
  1. Heat the wheel opening molding using a **J 25070** . Hold the heat gun approximately 152 mm (6 in) from surface.

Apply heat using a circular motion for about 30 seconds.

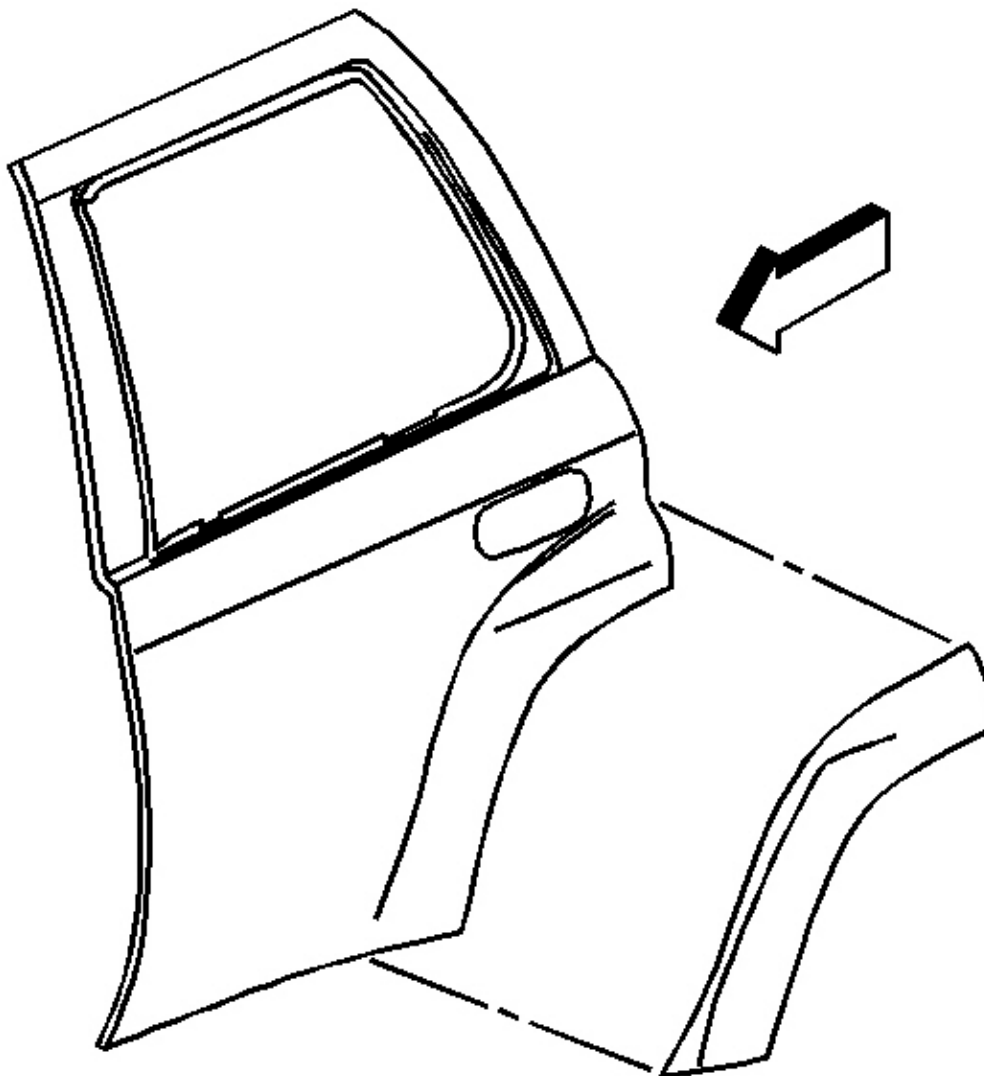
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**IMPORTANT: Be careful not to scratch or chip the paint.**

2. Peel the wheel opening molding from the panel surface using a flat-bladed tool.
2. Remove all adhesive from the body panel and the back of the wheel opening molding using a 3M™ scotch brite molding adhesive remover disk 3M™ P/N 07501 or equivalent.
3. Clean the body panel using Varnish Makers and Painters (VMP) naphtha.

### Installation Procedure



**Fig. 21: View Of Wheel Opening Door Flare - Rear**  
**Courtesy of GENERAL MOTORS CORP.**

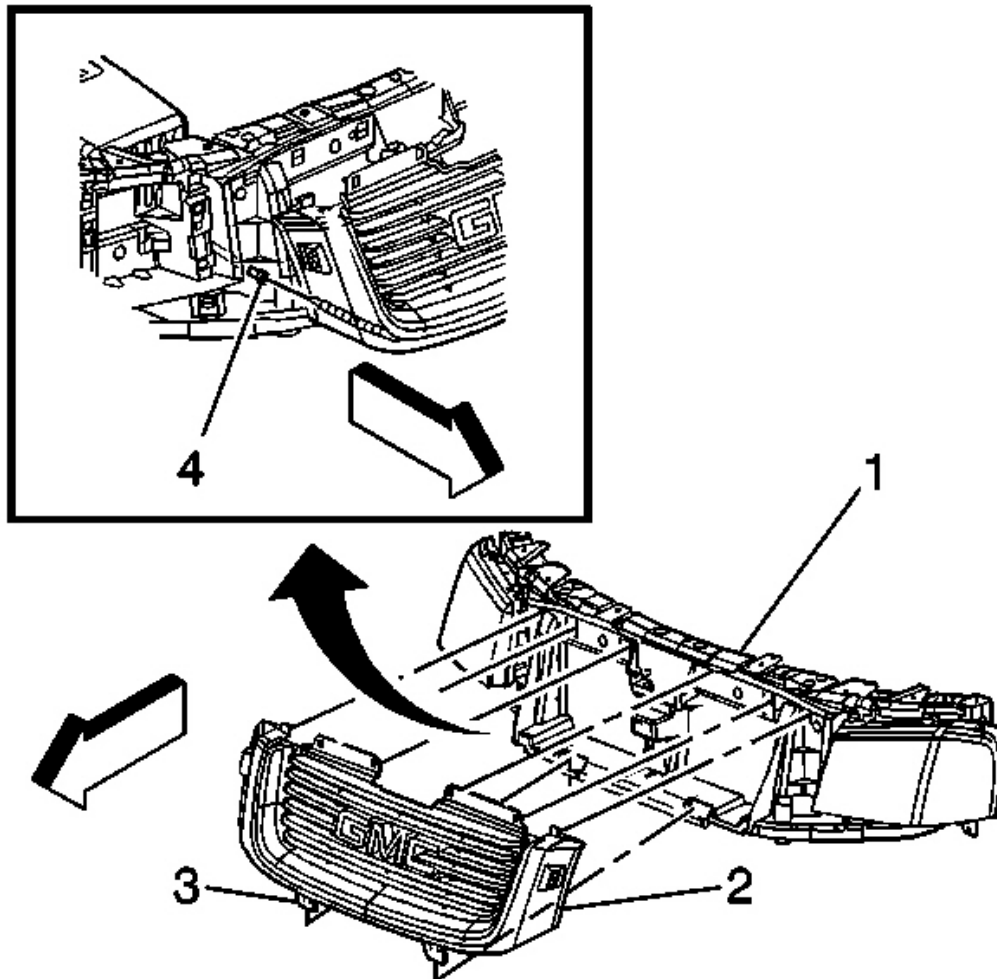
1. Ensure the painted body surface in the tape contact area is clean and dry.
2. Warm body panel with a heat lamp or heat gun if necessary, to a temperature between 18.8-41.1°C (66-100°F).
3. Remove the tape liner from the adhesive tape.

**IMPORTANT: Do not touch the adhesive surface.**

4. Ensure that the molding is aligned with the body panel. Press the wheel opening molding to the body panel.
5. Hand roll the wheel opening molding to the body in order to ensure proper adhesion.

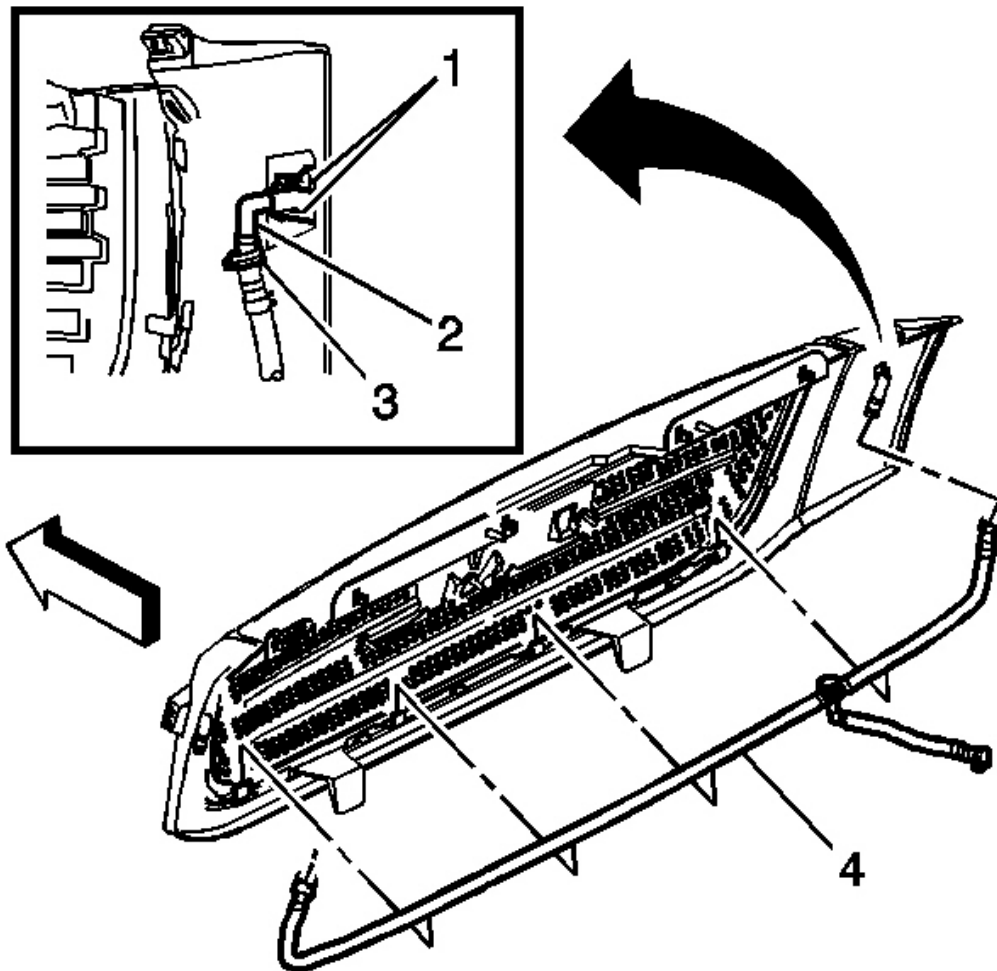
**GRILLE REPLACEMENT (ENVOY)**

**Removal Procedure**



**Fig. 22: View Of Grille (Envoy, Envoy XUV)**  
**Courtesy of GENERAL MOTORS CORP.**

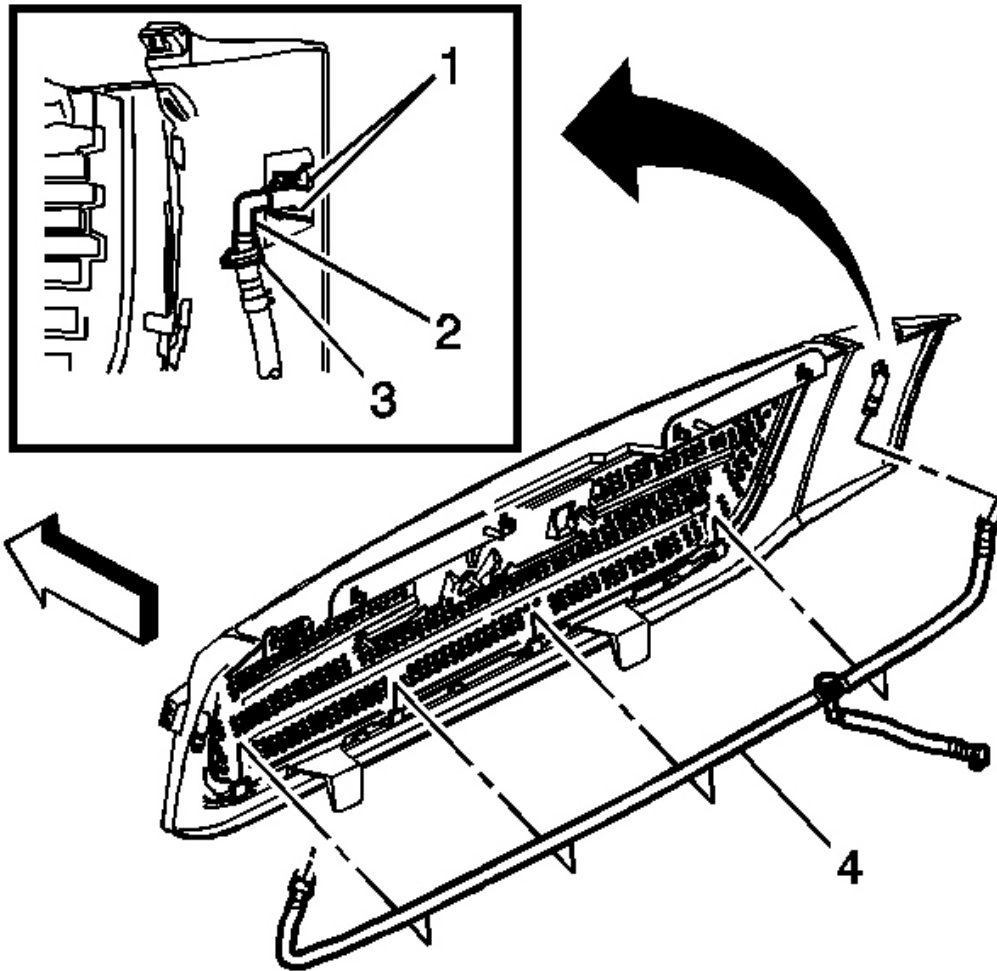
1. Use a flat-bladed tool in order to release the clips that retain the top of the grille (2) to the headlamp housing panel.
2. Lift the grille (2) out of position.
3. Release the quick-connect (4) on the headlamp washer supply hose.
4. Remove the grille from the vehicle.
5. Place the grille on a clean, prepared surface.



**Fig. 23: View Of Washer Nozzles From Grille (Envoy, Envoy XUV)**  
**Courtesy of GENERAL MOTORS CORP.**

6. Release the quick-connects (3) on the headlamp washer nozzle hoses.
7. Spread the retaining tabs (1) on the grille in order to release the headlamp washer nozzle.
8. Remove the headlamp washer nozzle from the front of the grille.
9. Remove the headlamp washer hose (4) from the grille.

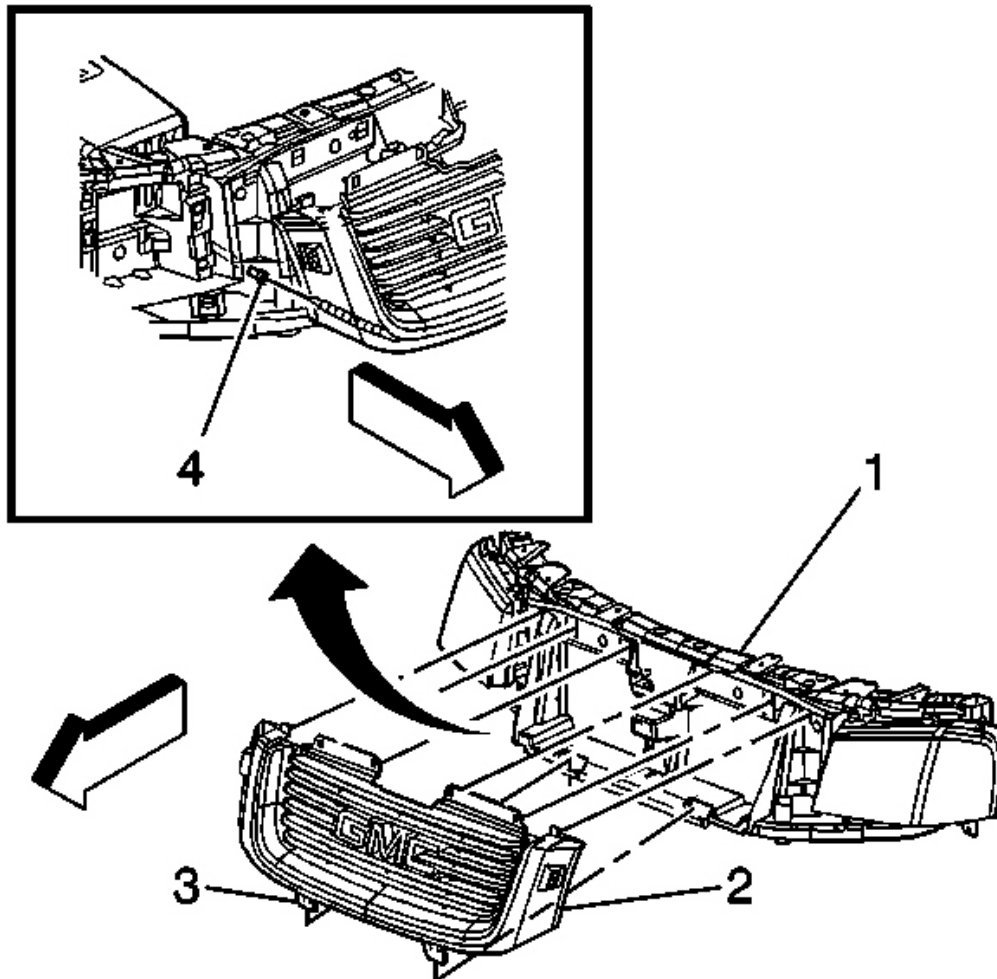
**Installation Procedure**



**Fig. 24: View Of Washer Nozzles From Grille (Envoy, Envoy XUV)**  
Courtesy of GENERAL MOTORS CORP.

**IMPORTANT:** Install the quick-connect end first.

1. Install the headlamp washer nozzle through the front of the grille.
2. Push the washer nozzle (2) inward until fully seated in the retaining tabs (1).
3. Install the headlamp washer supply hose (4) to the grille.
4. Connect the quick-connects (3) to the headlamp washer nozzles.
5. Position the grille to the headlamp housing panel.

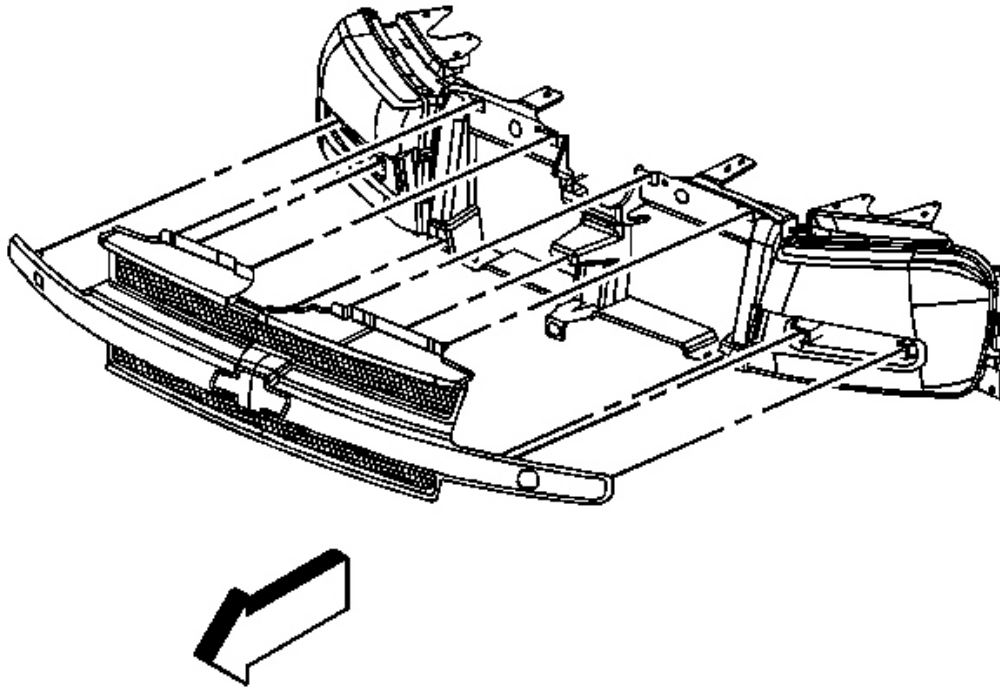


**Fig. 25: View Of Grille (Envoy, Envoy XUV)**  
**Courtesy of GENERAL MOTORS CORP.**

6. Position the grille (2) onto the headlamp housing panel (1) such that the lower locating tabs (3) are properly aligned.
7. Connect the quick-connect (4) on the headlamp washer supply hose.
8. Align the upper locating tabs of the grille (2) with the slots in the headlamp housing panel (1).
9. Install and fully seat the retaining clips into the body.

## **GRILLE REPLACEMENT (TRAILBLAZER)**

### **Removal Procedure**

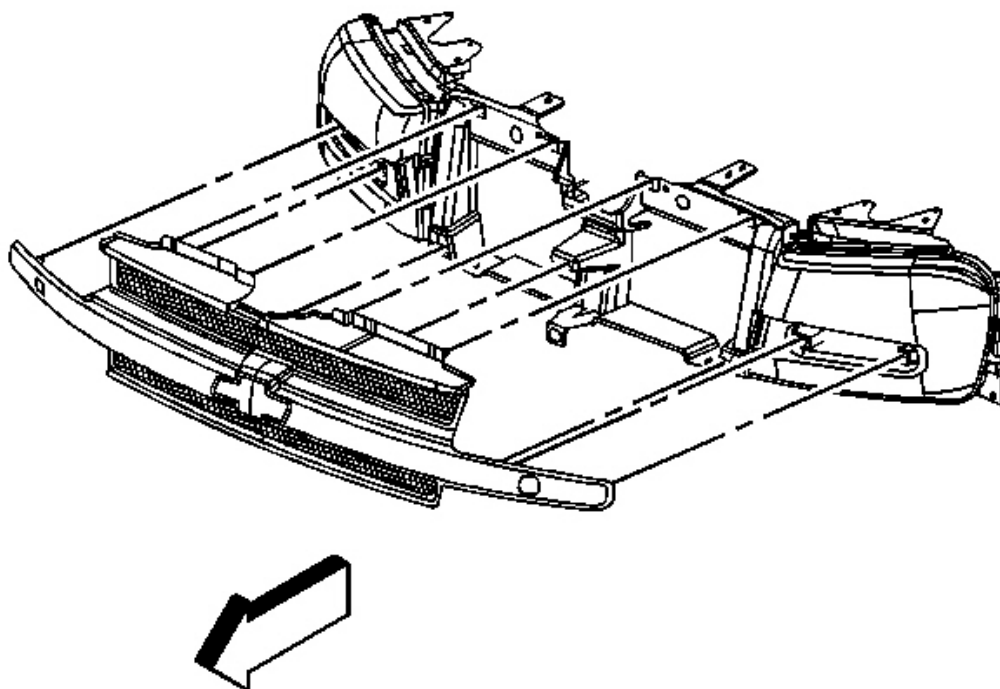


**Fig. 26: View Of Grille (TrailBlazer)**  
**Courtesy of GENERAL MOTORS CORP.**

1. Use a flat-bladed tool in order to release the clips that retain the grille to the headlamp housing panel.
2. Remove the grille from the vehicle.

**Installation Procedure**





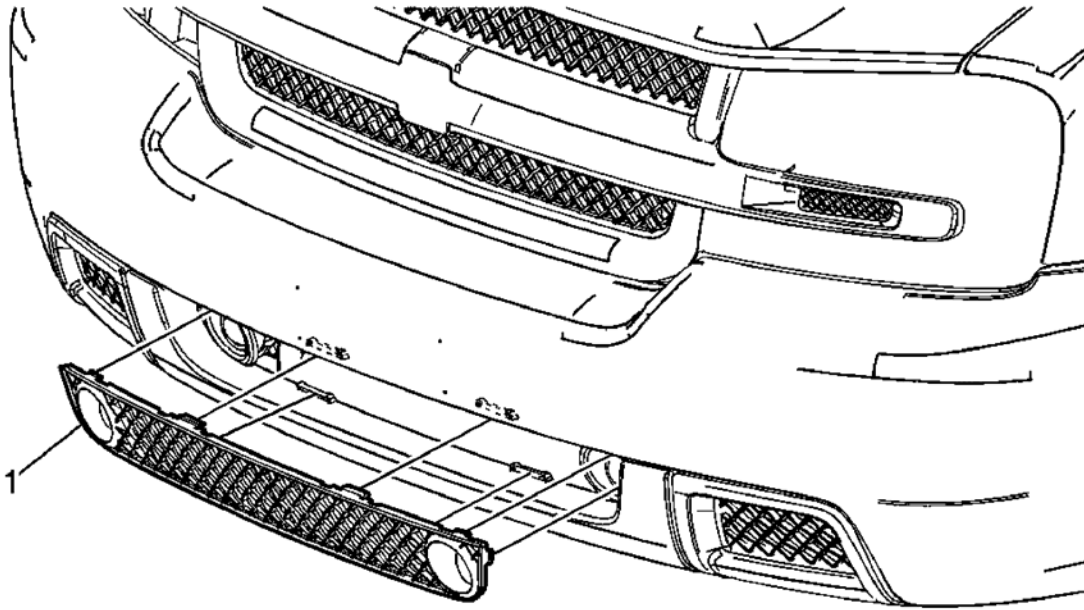
**Fig. 27: View Of Grille (TrailBlazer)**  
**Courtesy of GENERAL MOTORS CORP.**

1. Install the grille to the vehicle.
2. Align the retaining clips on the grille with the slots in the headlamp housing panel.
3. Fully install the retaining clips into the headlamp housing panel.

**LOWER GRILLE REPLACEMENT (SS CENTER LOWER GRILLE)**

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2008 Accessories & Equipment Exterior Trim - Ascender, Envoy & Trailblazer



**Fig. 28: Identifying Grille - Lower (SS Center Lower Grille)**

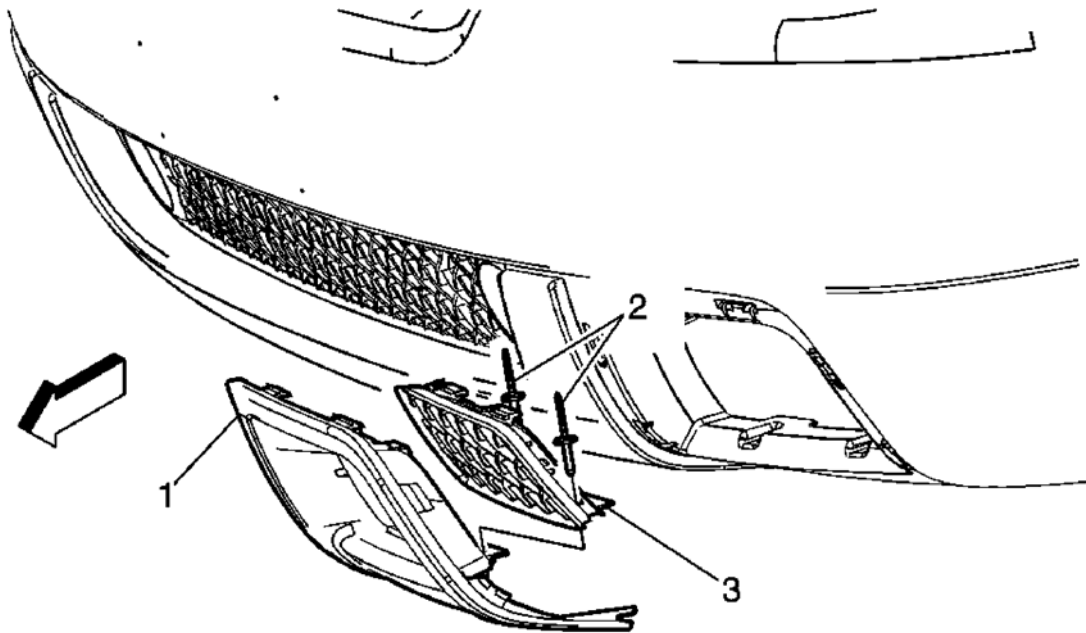
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
<b>Fastener Tightening Specifications:</b> Refer to <b><u>Fastener Tightening Specifications</u></b> .	
1	Center Lower Grille Assembly <b>Tip:</b> From the exterior, using a flat-bladed tool, release the inner clips securing the center lower grille to the front bumper fascia. Pull the grille outward in order to release from the bumper fascia.

### LOWER GRILLE REPLACEMENT (SS OUTER LOWER GRILLE)

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2008 Accessories & Equipment Exterior Trim - Ascender, Envoy & Trailblazer



**Fig. 29: View Of Grille - Lower (SS Outer Lower Grille)**  
Courtesy of GENERAL MOTORS CORP.

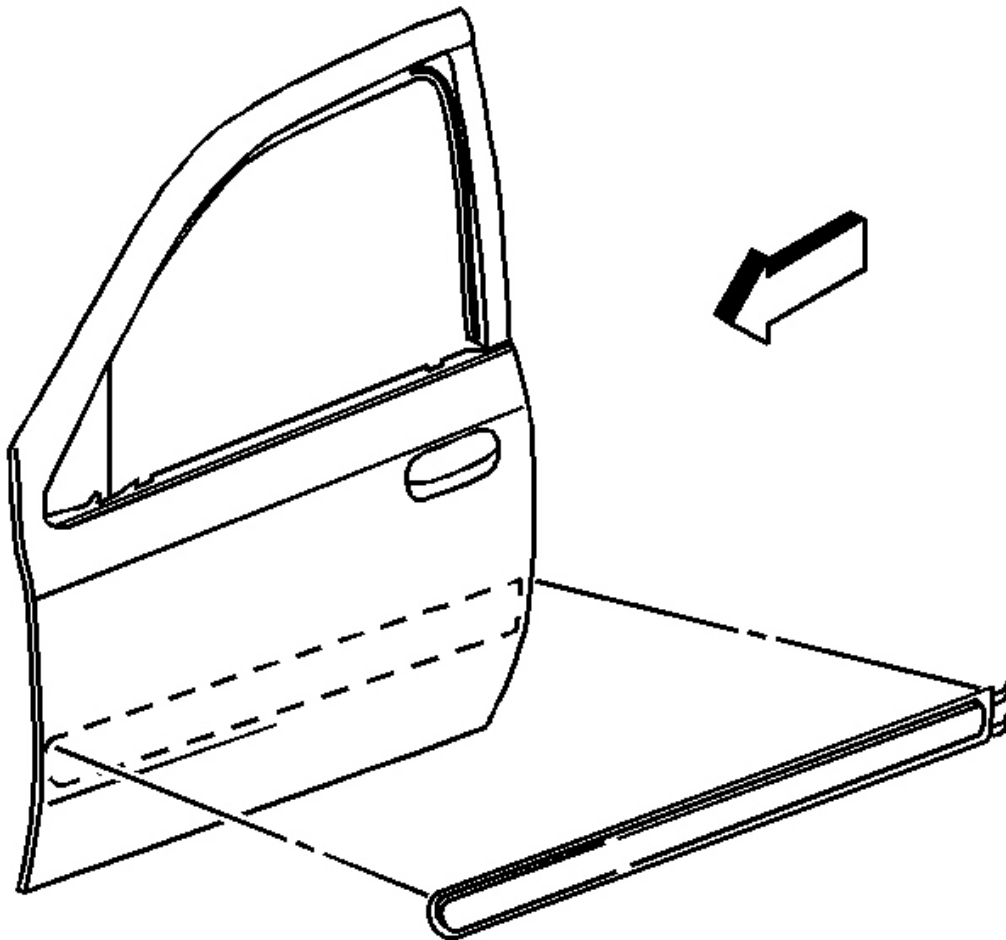
Callout	Component Name
<b>Fastener Tightening Specifications:</b> Refer to <u><b>Fastener Tightening Specifications</b></u> .	
1	Center Lower Outer Grille Bezel Assembly <b>Tip:</b> From the exterior, using a flat-bladed tool, release the inner clips securing the center lower grille to the front bumper fascia. Pull the grille outward in order to release from the bumper fascia.
2	Center Lower Outer Grille Rivets <b>Tip:</b> Drill the rivets securing the grille to the outer grille bezel.
3	Center Lower Outer Grille

### FRONT SIDE DOOR MOLDING REPLACEMENT (TRAILBLAZER, ENVOY)

#### Tools Required

**J 25070** Heat Gun

#### Removal Procedure



**Fig. 30: View Of Front Door Molding**  
Courtesy of GENERAL MOTORS CORP.

1. Remove the molding from the vehicle using the following procedure:
  1. Heat the door side molding using a **J 25070** . Hold the heat gun approximately 152 mm (6 in) from surface.

Apply heat using a circular motion for about 30 seconds.

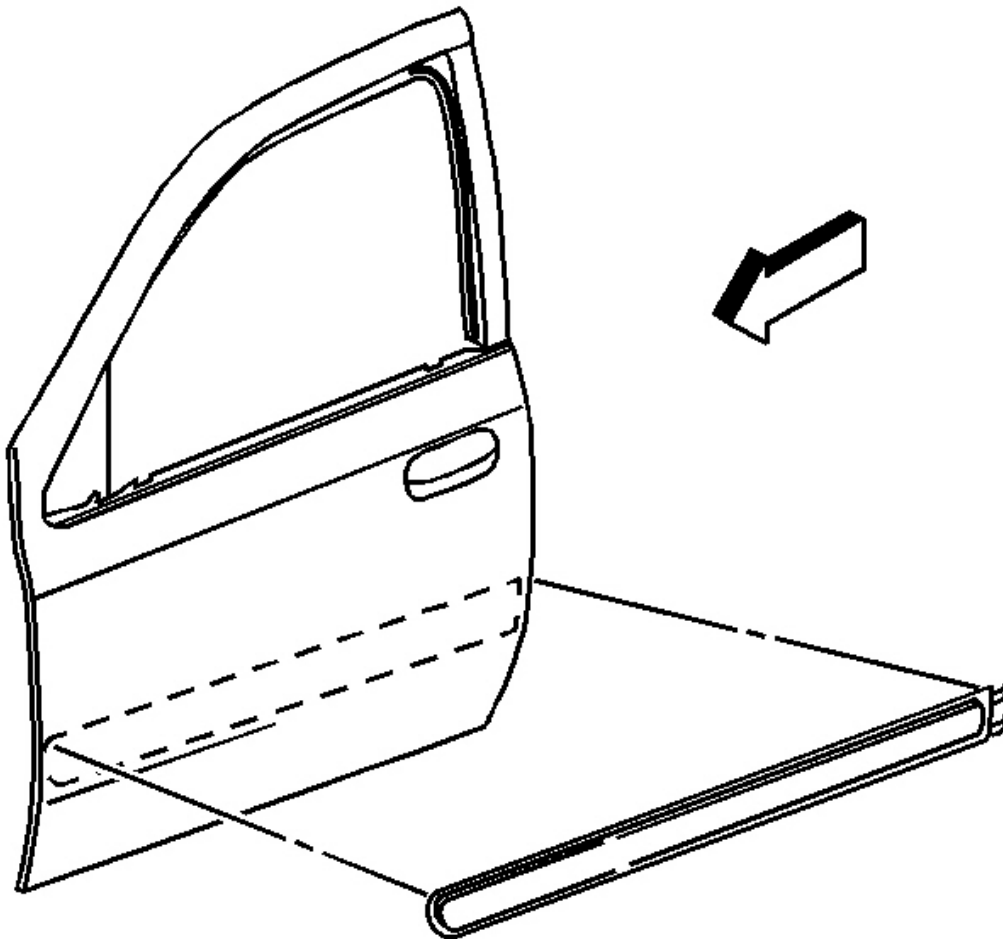
**IMPORTANT: Be careful not to scratch or chip the paint.**

2. Peel the door side molding from the panel surface using a flat-bladed tool.
2. Remove all adhesive from the body panel and the back of the door side molding using a 3M™ scotch

brite molding adhesive remover disk 3M™ P/N 07501 or equivalent.

3. Clean the body panel using Varnish Makers and Painters (VMP) naphtha.

**Installation Procedure**



**Fig. 31: View Of Front Door Molding**  
**Courtesy of GENERAL MOTORS CORP.**

1. Ensure the painted body surface in the tape contact area is clean and dry.
2. Warm body panel with a heat lamp or heat gun (if necessary) to a temperature between 18.8-41.1°C (66-100°F).
3. Remove the tape liner from the adhesive tape.

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**IMPORTANT: Do not touch the adhesive surface.**

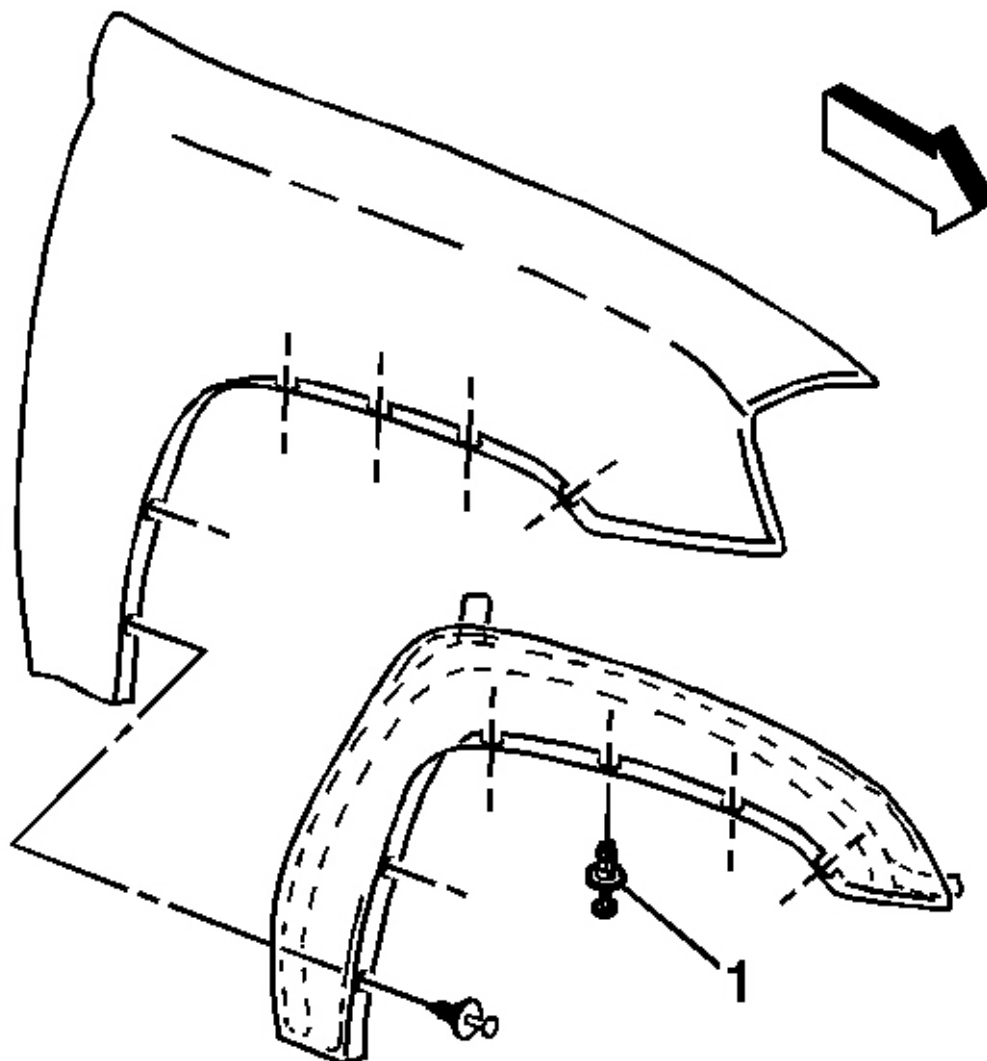
4. Ensure that the molding is aligned with the body panel. Press the door side molding to the body panel.
5. Hand roll the door side molding to the body in order to ensure proper adhesion.

### **FRONT FENDER WHEEL OPENING MOLDING REPLACEMENT**

#### **Tools Required**

**J 25070** Heat Gun

#### **Removal Procedure**



**Fig. 32: View Of Front Wheel Opening Molding**  
**Courtesy of GENERAL MOTORS CORP.**

1. Remove the 6 push-pins that secure the wheel opening molding to the fender.
2. Remove the molding.

**IMPORTANT: Be careful not to scratch or chip the paint.**

1. Heat the wheel opening molding using aJ 25070 . Hold the heat gun approximately 152 mm (6 in)

## 2008 Isuzu Ascender LS

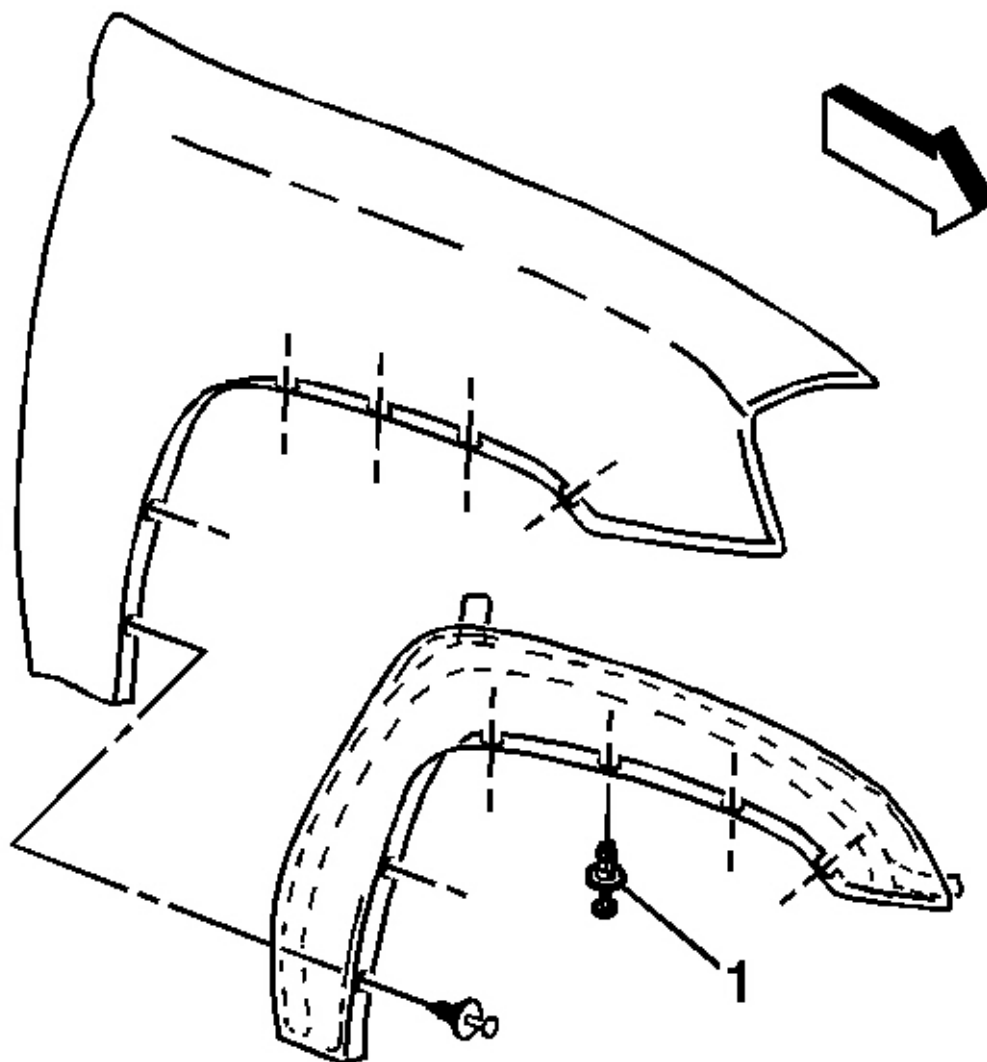
### 2008 Accessories & Equipment Exterior Trim - Ascender, Envoy & Trailblazer

from surface.

Apply heat using a circular motion for about 30 seconds.

2. Peel the wheel opening molding from the panel surface using a flat-bladed tool.
3. Remove all adhesive from the fender and the back of the molding using a 3M™ Scotch Brite molding adhesive remover disk 3M™ P/N 07501 or equivalent.

#### Installation Procedure





**Fig. 33: View Of Front Wheel Opening Molding**  
**Courtesy of GENERAL MOTORS CORP.**

1. Ensure the painted fender surface in the tape contact areas are clean and dry.
2. Position the front wheel opening molding to the front fender.
3. Install the locating push-pin (1) into the molding.
4. Install the remaining 5 push-pins in order to secure the molding to the fender.
5. Warm the body panel and molding using a heat lamp or a heat gun, if necessary to a temperature between 18.8-43.3°C (66-100°F).

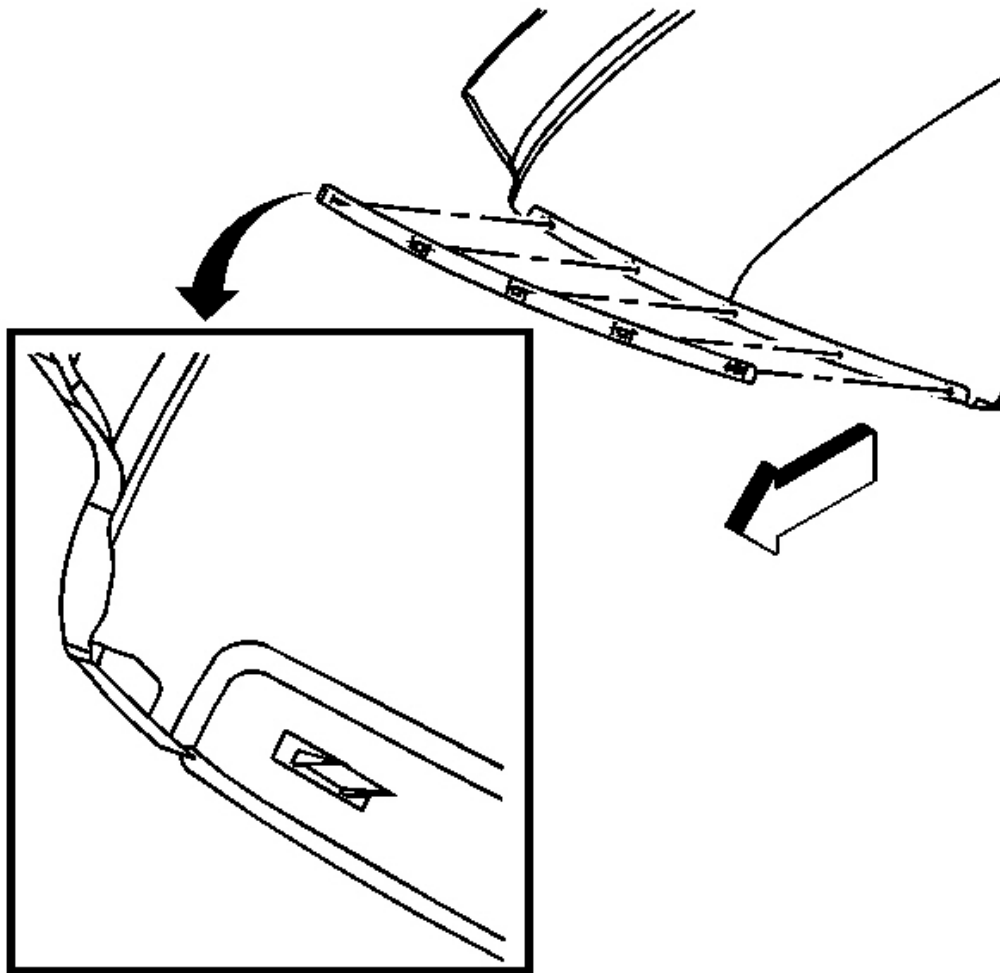
**IMPORTANT: Do not touch the adhesive backing.**

6. Remove the tape liner from the adhesive tape.
7. Press the molding to the fender.
8. Hand roll the molding to the fender in order to ensure proper adhesion.

**HOOD FRONT MOLDING REPLACEMENT (ENVOY)**

**Removal Procedure**

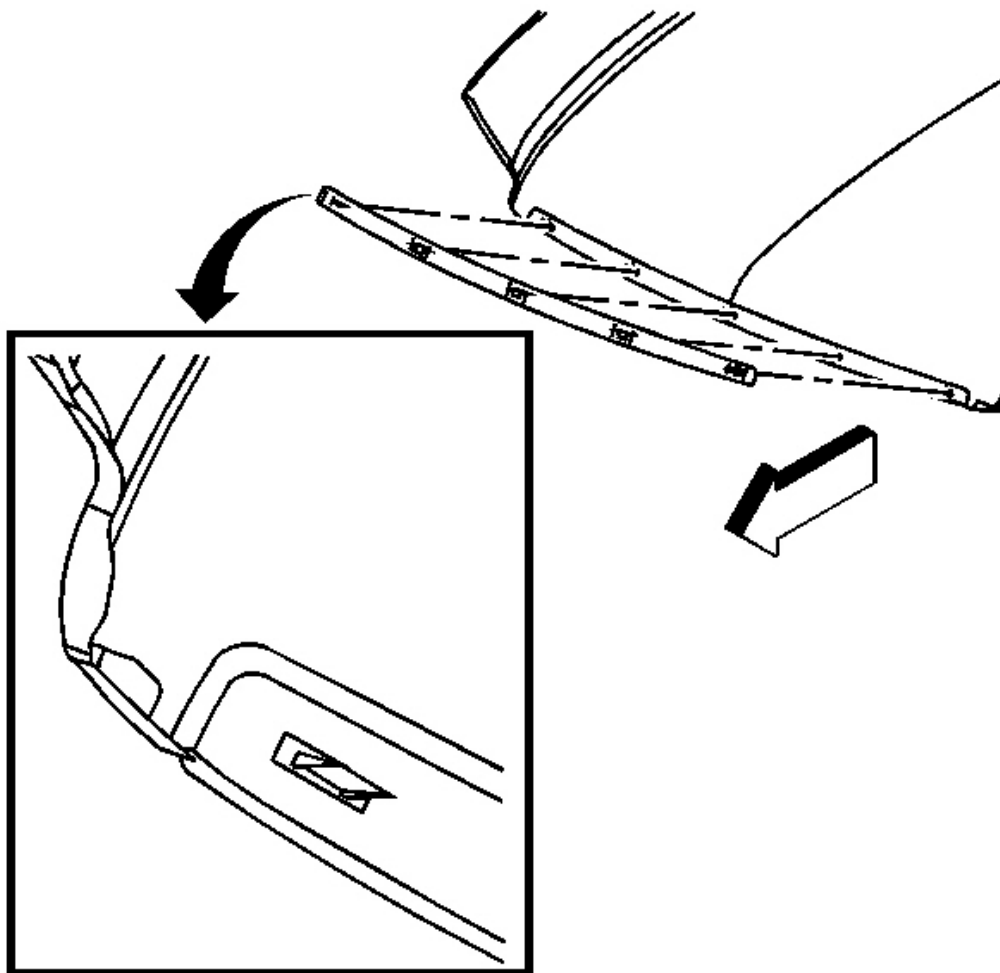
1. Open the hood.



**Fig. 34: Identifying Hood Molding & Retaining Clips**  
Courtesy of GENERAL MOTORS CORP.

2. Release the clips that retain the hood molding to the front of the hood.
3. Remove the hood molding from the hood.

#### Installation Procedure

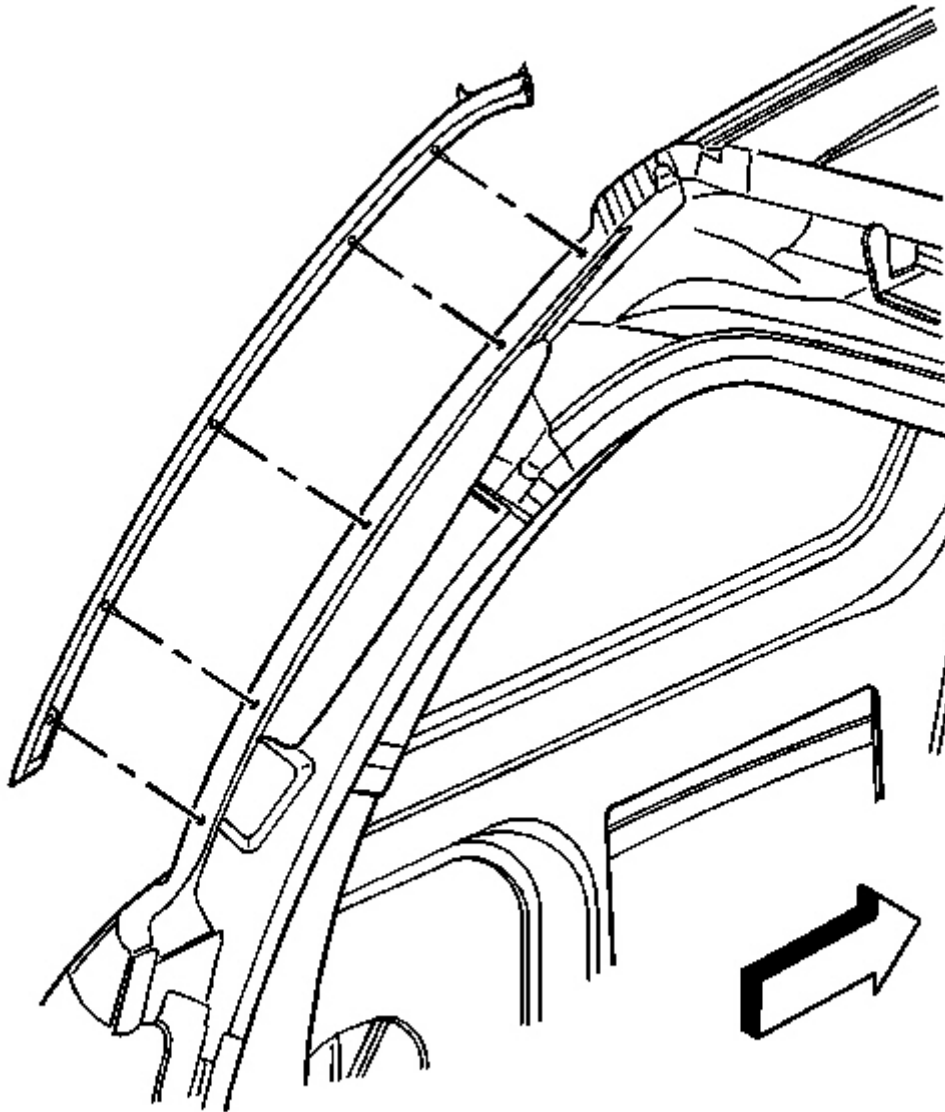


**Fig. 35: Identifying Hood Molding & Retaining Clips**  
Courtesy of GENERAL MOTORS CORP.

1. Align the retaining tabs on the hood molding with the slots in the front of the hood.
2. Press the hood molding into place until the retainers are fully seated.
3. Close the hood.

## **LIFTGATE WINDOW SIDE REVEAL MOLDING SEALING STRIP REPLACEMENT**

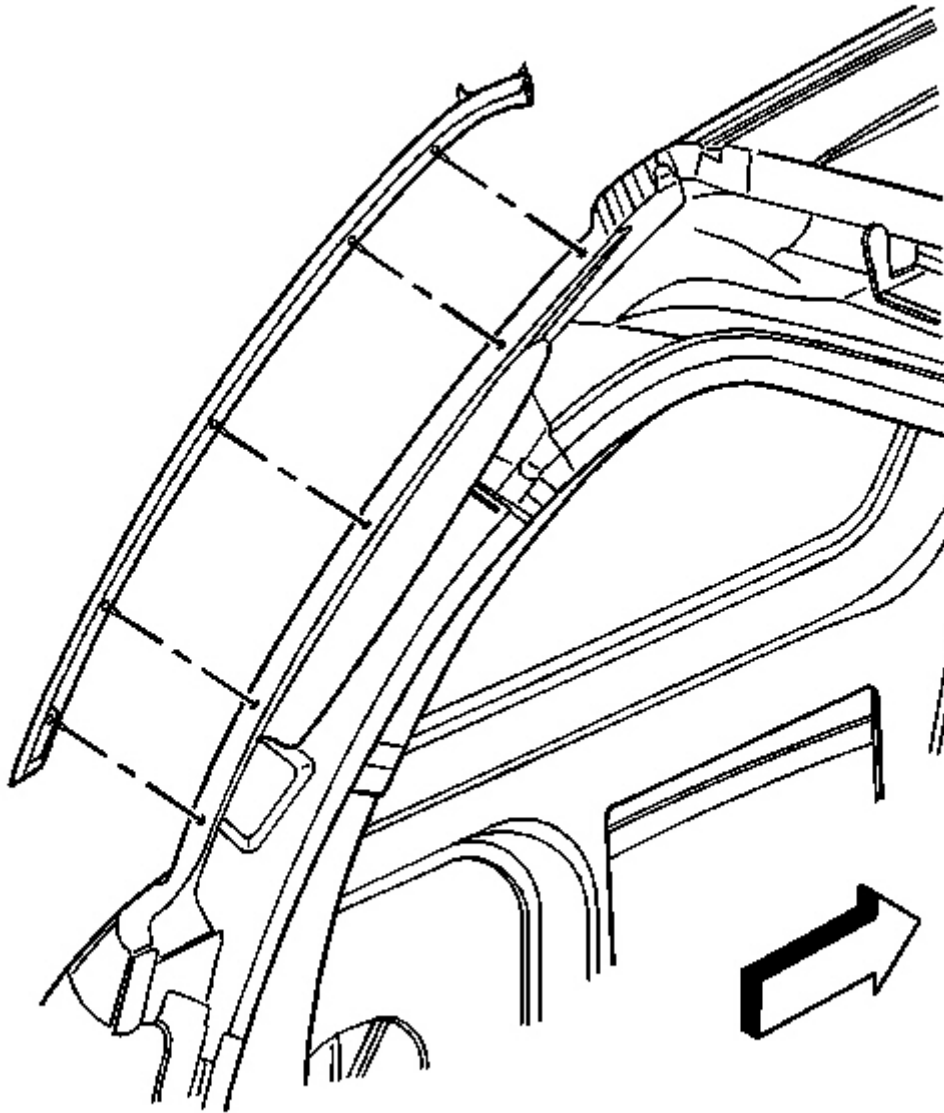
### **Removal Procedure**



**Fig. 36: View Of Side Reveal Molding**  
**Courtesy of GENERAL MOTORS CORP.**

1. Open the liftgate.
2. Release the 5 clips that retain the reveal molding to the body.
3. Peel the reveal molding away from the body and remove from the vehicle.

**Installation Procedure**



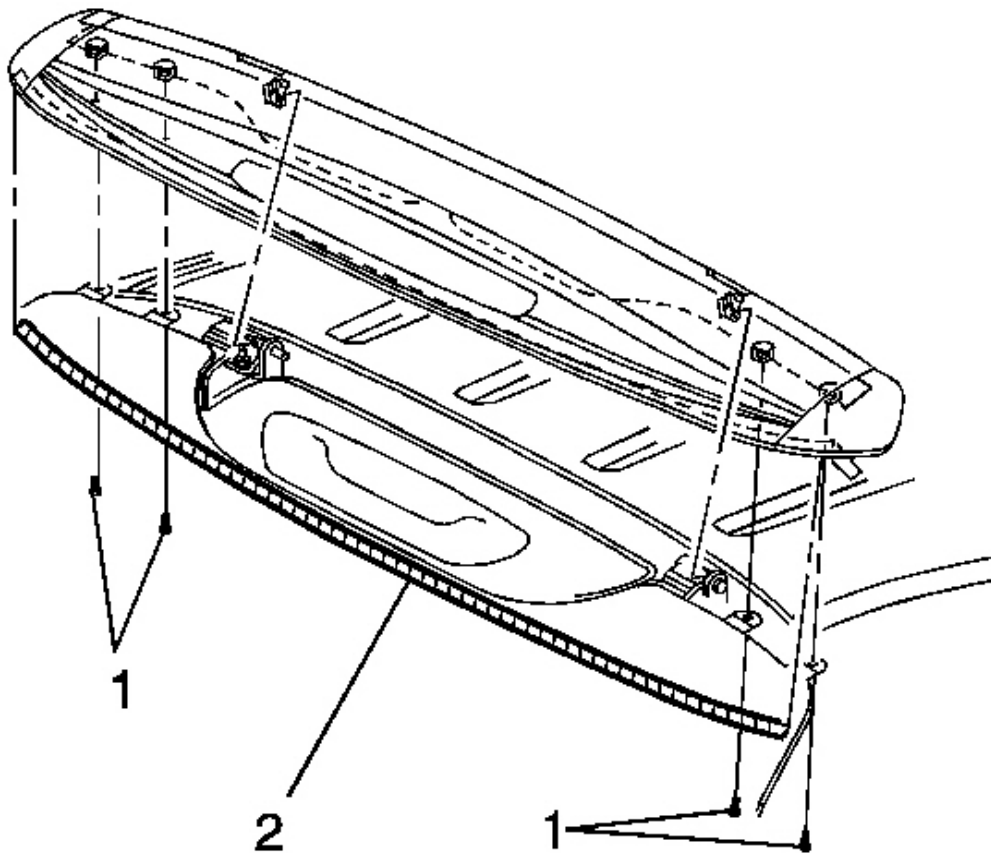
**Fig. 37: View Of Side Reveal Molding**  
Courtesy of GENERAL MOTORS CORP.

1. Remove the adhesive liner from the reveal molding, if applicable.
2. Position the reveal molding to the body.

3. Align the retaining clips on the reveal molding with the recesses in the body.
4. Starting at the bottom of the reveal molding, seat the molding to the body. Ensure that the retaining clips are fully seated.
5. Close the liftgate.

## **LIFTGATE UPPER MOLDING REPLACEMENT**

### **Removal Procedure**



**Fig. 38: View Of Molding Adhesive Strip & Retaining Bolts**  
**Courtesy of GENERAL MOTORS CORP.**

1. Apply tape to the liftgate around the area of the molding.
2. Open the liftgate.

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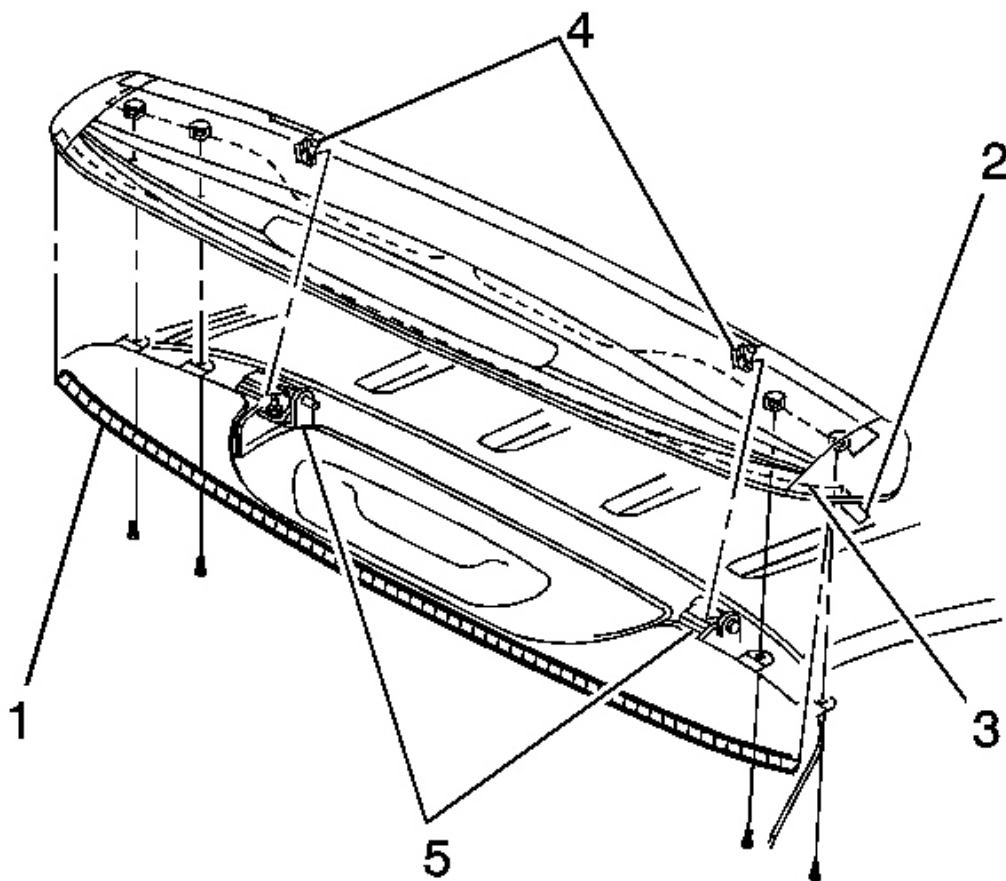
3. Remove the bolts retaining the high mounted stop lamp. Refer to **High Mount Stop Lamp Replacement (Envoy, TrailBlazer, Rainier)** .
4. Remove the retaining bolts (1) that secure the molding to the top edge of the liftgate.
5. Separate the bottom edge of the molding from the window using a plastic, flat-bladed tool to release the adhesive strip (2) from the window.

**NOTE:**        **Use a plastic, flat-bladed tool to prevent paint damage when removing an emblem/name plate.**

6. Remove the molding from the vehicle.

### Installation Procedure

1. Clean any remaining adhesive from the window surface using varnish makers and painters (VMP) naptha.
2. Wipe the surface with a clean cloth to remove all traces of the cleaner.



**Fig. 39: Identifying Window, Protective Film, Molding Surface, Tabs & Liftgate Hinge Pins**  
Courtesy of GENERAL MOTORS CORP.

3. Using a clean dauber, apply adhesion promoter to the window surface where the adhesive strip will contact the window (1).
4. Remove the protective film (2) from the inner molding surface.
5. Remove the plastic film from one side of the adhesive strip and install on the lower edge of the molding surface (3).
6. Remove the remaining plastic film from the adhesive strip.
7. Insert the molding tabs (4) under the liftgate hinge pins (5).
8. Hand roll the lower edge of the molding to the liftgate to ensure proper adhesion.
9. Install the bolts retaining the high mount stop lamp. Refer to **High Mount Stop Lamp Replacement (Envoy, TrailBlazer, Rainier)**.



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**NOTE:** Refer to Fastener Notice .

10. Install the molding retaining bolts.

**Tighten:** Tighten the bolts to 5 N.m (44 lb in).

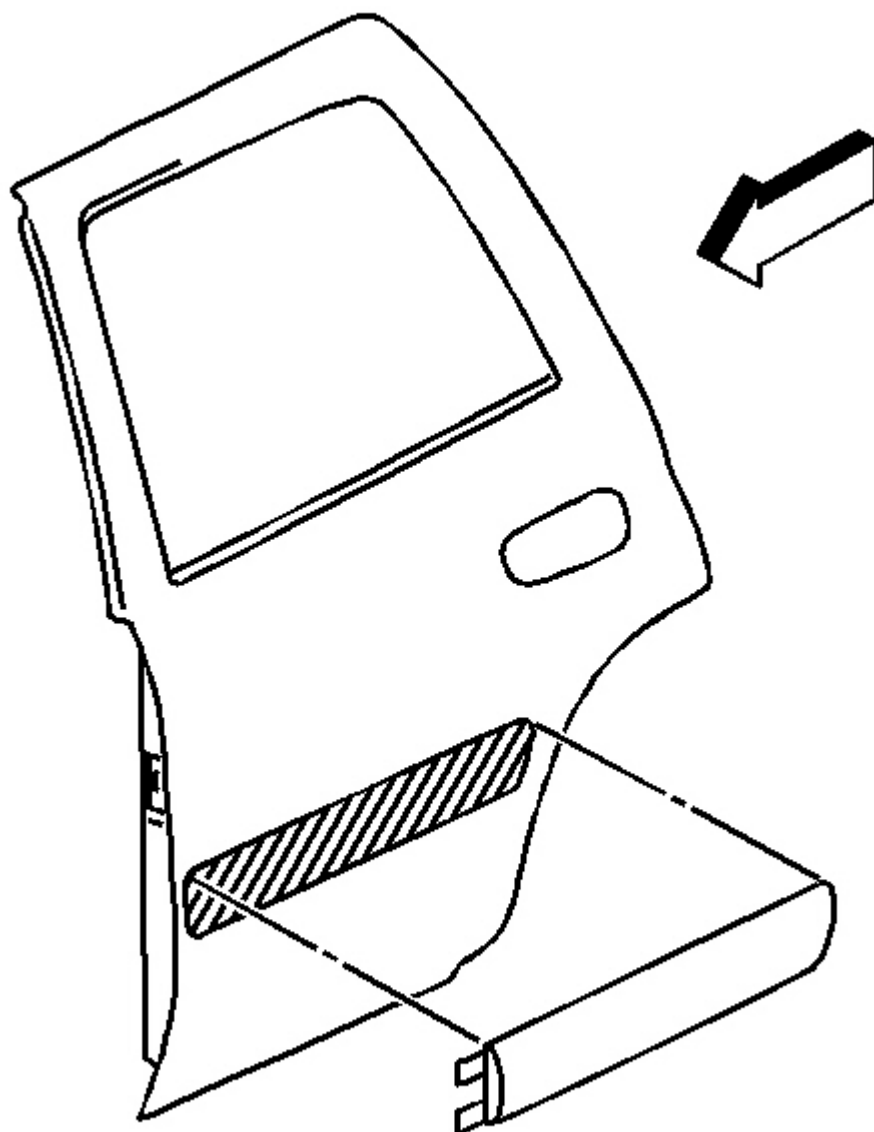
11. Remove the tape from around the liftgate molding.

### REAR SIDE DOOR MOLDING REPLACEMENT (TRAILBLAZER, ENVOY)

#### Tools Required

**J 25070** Heat Gun

#### Removal Procedure



**Fig. 40: View Of Rear Door - Molding Removed**  
**Courtesy of GENERAL MOTORS CORP.**

1. Remove the molding from the vehicle using the following procedure:
  1. Heat the door side molding using a **J 25070** . Hold the heat gun approximately 152 mm (6 in) from surface.

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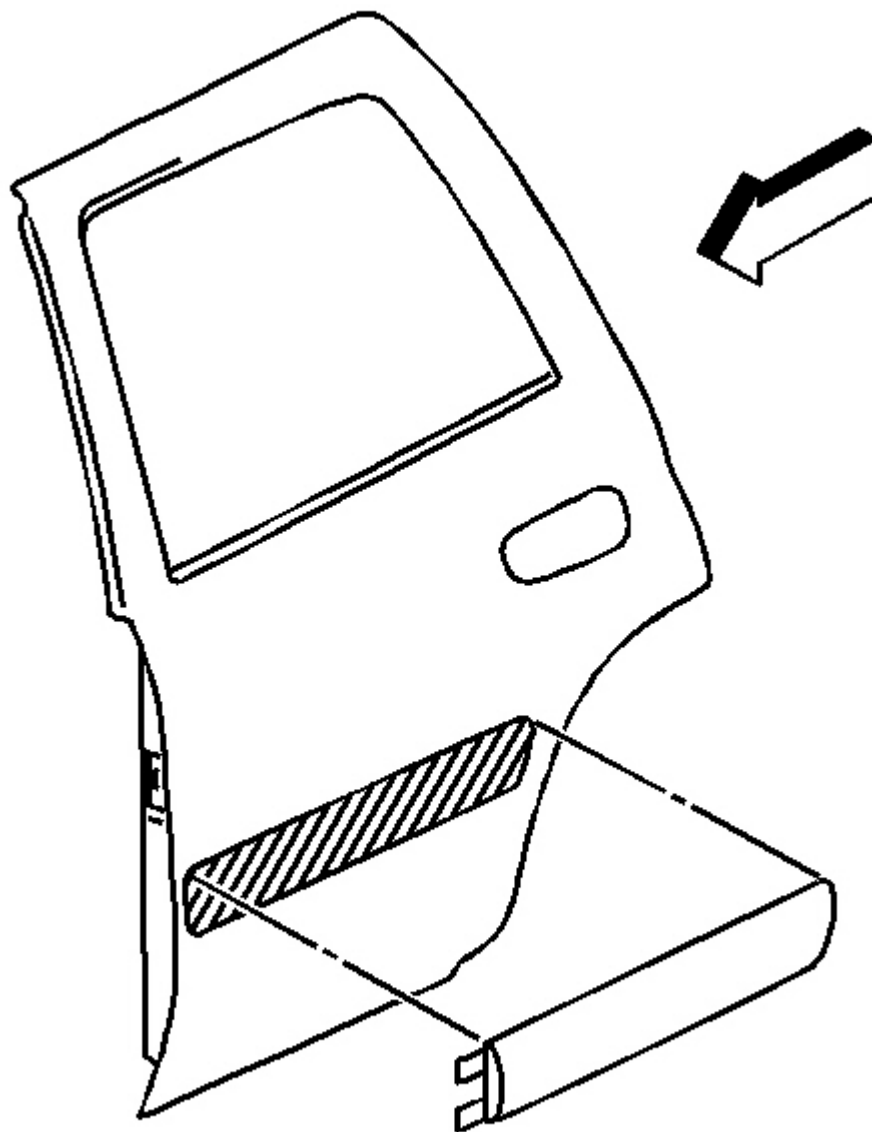
2008 Accessories & Equipment Exterior Trim - Ascender, Envoy & Trailblazer

Apply heat using a circular motion for about 30 seconds.

**IMPORTANT: Be careful not to scratch or chip the paint.**

2. Peel the door side molding from the panel surface using a flat-bladed tool.
2. Remove all adhesive from the body panel and the back of the door side molding using a 3M™ scotch brite molding adhesive remover disk 3M™ P/N 07501 or equivalent.
3. Clean the body panel using Varnish Makers and Painters (VMP) naphtha.

### Installation Procedure



**Fig. 41: View Of Rear Door - Molding Removed**  
**Courtesy of GENERAL MOTORS CORP.**

1. Ensure the painted body surface in the tape contact area is clean and dry.
2. Warm body panel with a heat lamp or heat gun if necessary, to a temperature between 18.8-41.1°C (66-100°F).
3. Remove the tape liner from the adhesive tape.

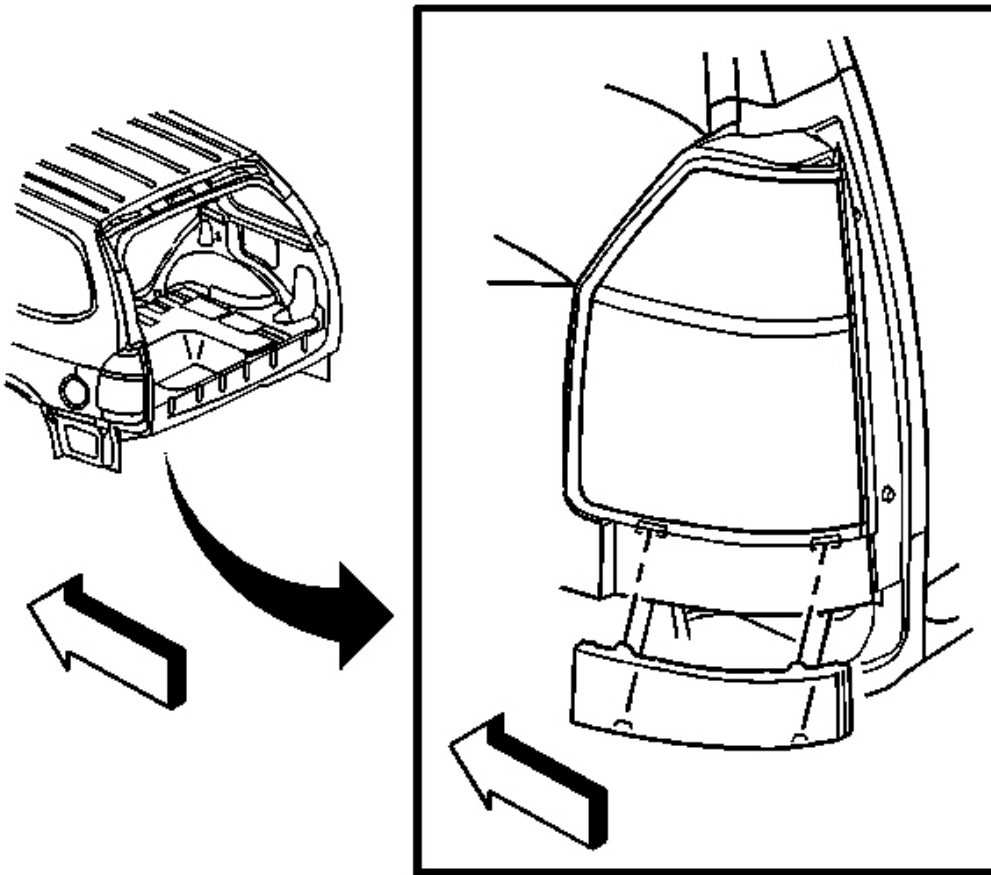
**IMPORTANT: Do not touch the adhesive surface.**

4. Ensure that the molding is aligned with the body panel. Press the door side molding to the body panel.
5. Hand roll the door side molding to the body in order to ensure proper adhesion.

## **REAR PANEL MOLDING REPLACEMENT**

### **Removal Procedure**

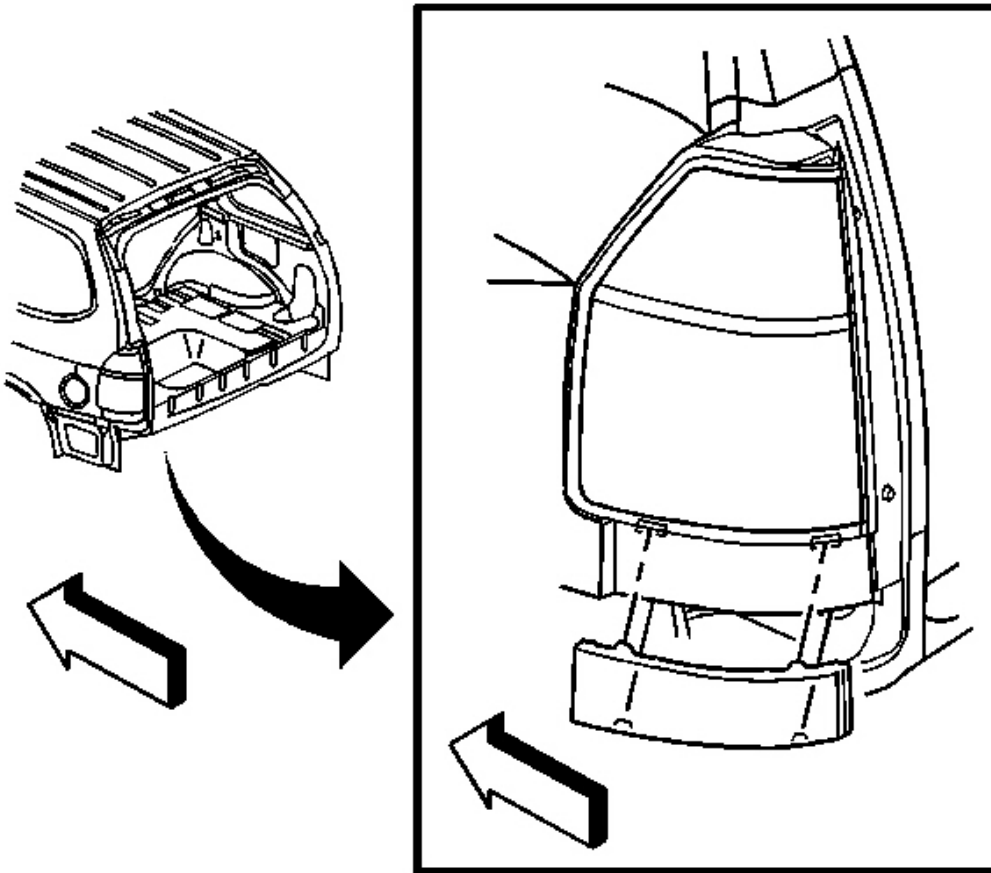
1. Remove the tail lamp assembly from the vehicle. Refer to **Tail Lamp Replacement (Isuzu)** or **Tail Lamp Replacement (TrailBlazer)** .



**Fig. 42: Identifying Tail Lamp Trim**  
Courtesy of GENERAL MOTORS CORP.

2. Release the 4 tabs that retain the trim to the tail lamp.
3. Remove the trim from the tail lamp.

**Installation Procedure**



**Fig. 43: Identifying Tail Lamp Trim**  
Courtesy of GENERAL MOTORS CORP.

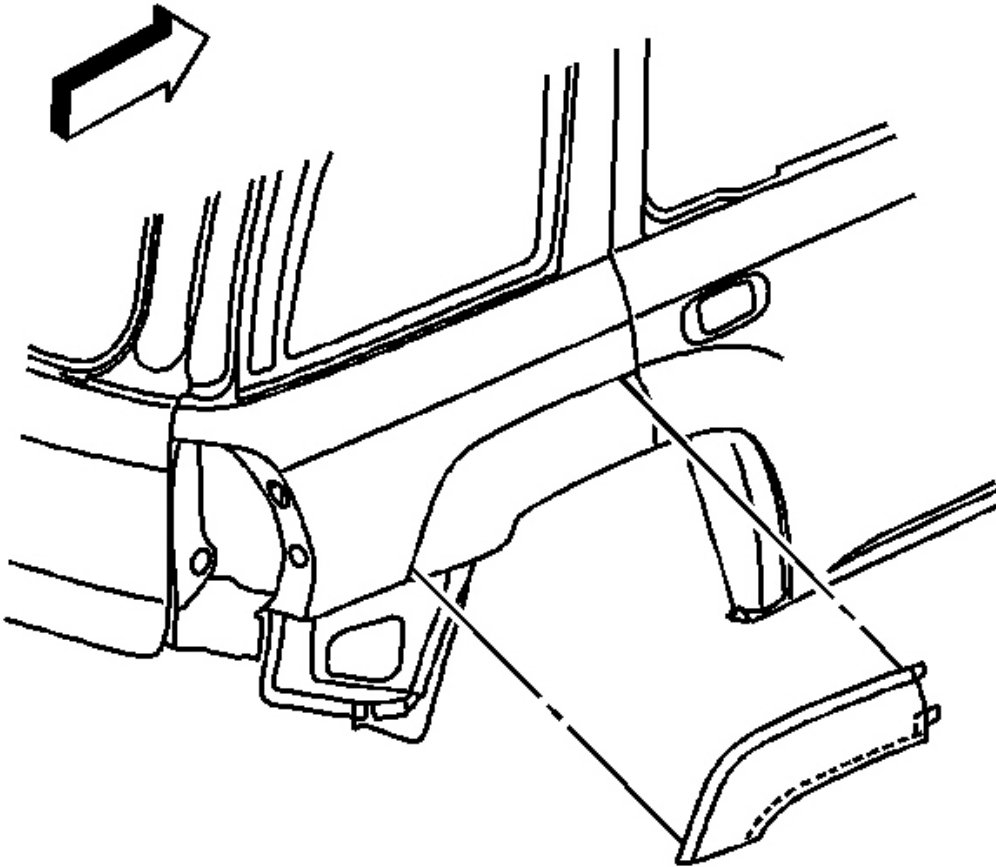
1. Install the trim to the tail lamp, ensuring that the retaining tabs are fully seated.
2. Install the tail lamp assembly to the vehicle. Refer to **Tail Lamp Replacement (Isuzu)** or **Tail Lamp Replacement (TrailBlazer)** .

**REAR WHEEL OPENING MOLDING REPLACEMENT**

**Tools Required**

## J 25070 Heat Gun

### Removal Procedure



**Fig. 44: Identifying Rear Wheel Opening Molding**  
Courtesy of GENERAL MOTORS CORP.

1. Remove the molding from the vehicle using the following procedure:
  1. Heat the wheel opening molding using a **J 25070** . Hold the heat gun approximately 152 mm (6 in) from surface.

Apply heat using a circular motion for about 30 seconds.

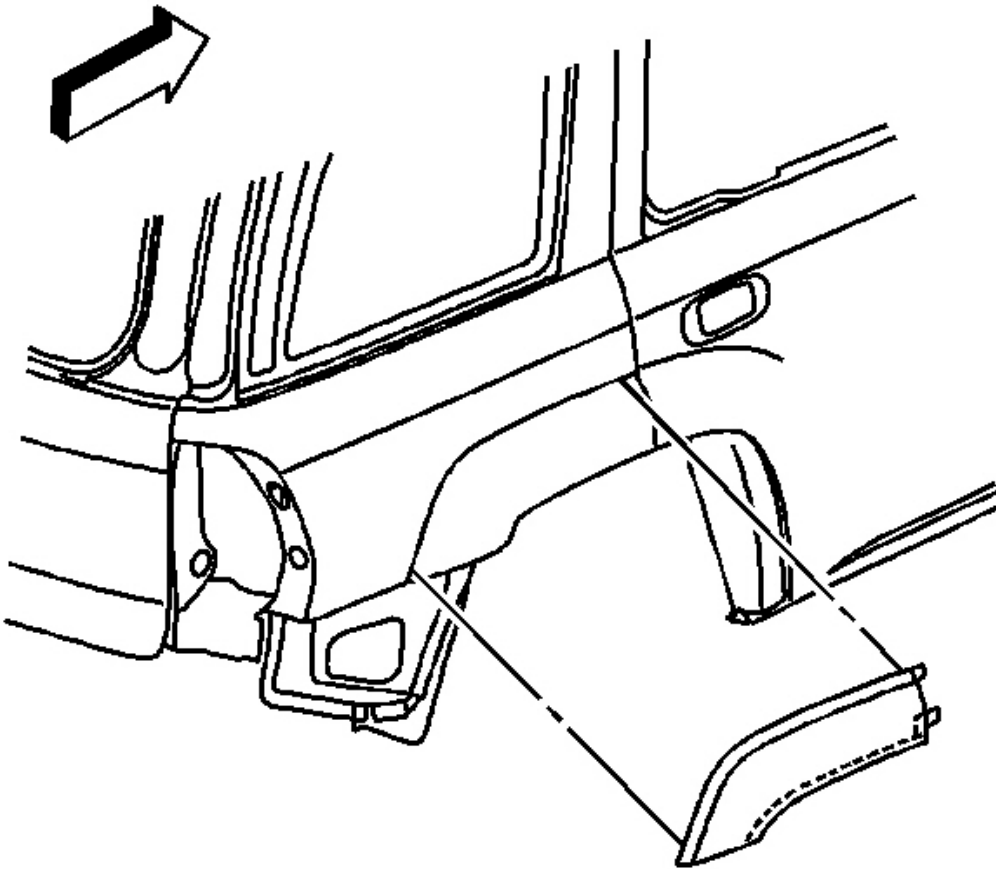
**IMPORTANT: Be careful not to scratch or chip the paint.**

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2. Peel the wheel opening molding from the panel surface using a flat-bladed tool.
2. Remove all adhesive from the body panel and the back of the wheel opening molding using a 3M™ scotch brite molding adhesive remover disk 3M™ P/N 07501 or equivalent.
3. Clean the body panel using Varnish Makers and Painters (VMP) naphtha.

### Installation Procedure



**Fig. 45: Identifying Rear Wheel Opening Molding**  
Courtesy of GENERAL MOTORS CORP.

1. Ensure the painted body surface in the tape contact area is clean and dry.
2. Warm body panel with a heat lamp or heat gun if necessary, to a temperature between 18.8-41.1°C (66-100°F).
3. Remove the tape liner from the adhesive tape.



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**IMPORTANT: Do not touch the adhesive surface.**

4. Ensure that the molding is aligned with the body panel. Press the wheel opening molding to the body panel.
5. Hand roll the wheel opening molding to the body in order to ensure proper adhesion.

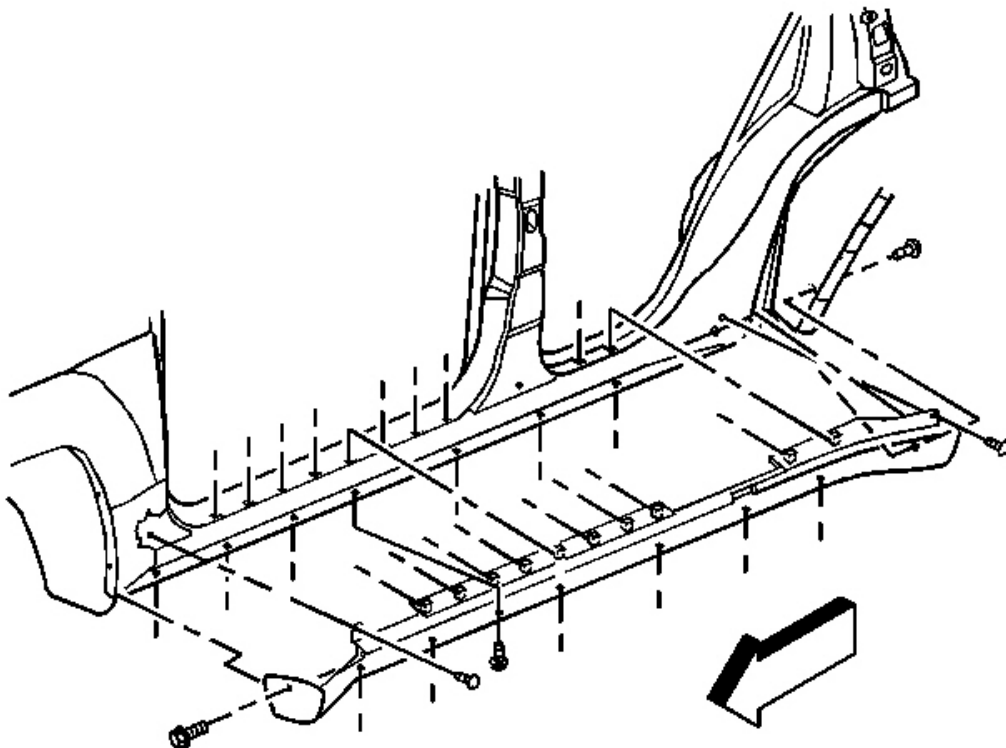
### ROCKER PANEL MOLDING REPLACEMENT

#### Tools Required

**J 38778** Door Trim Pad Clip Remover

#### Removal Procedure

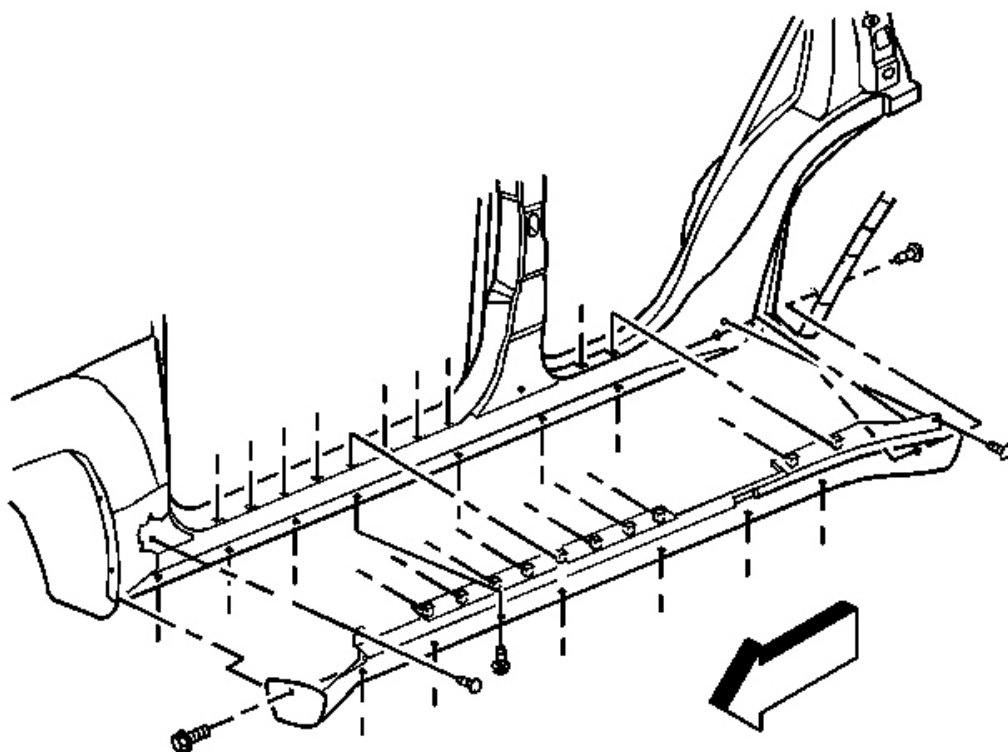
1. Remove the front rocker molding scuff plate. Refer to [Front Rocker Molding Scuff Plate Replacement](#).
2. Remove the rear rocker molding scuff plate. Refer to [Rear Rocker Molding Scuff Plate Replacement](#).
3. Remove the assist step.



**Fig. 46: Identifying Rocker Panel Molding (TrailBlazer, Envoy)**  
Courtesy of GENERAL MOTORS CORP.

4. Remove the rocker panel molding bolts located at each end of the rocker panel molding.
5. Use the **J 38778** in order to remove the 7 push-pins that retain the bottom of the rocker panel molding to the body.
6. Remove the rocker panel molding from the vehicle.

#### Installation Procedure



**Fig. 47: Identifying Rocker Panel Molding (TrailBlazer, Envoy)**  
Courtesy of GENERAL MOTORS CORP.

1. Position the rocker panel molding to the body.
2. Install the 7 push-pins that retain the bottom of the rocker panel molding to the body.
3. Install the rocker panel molding bolts located at each end of the rocker panel molding.

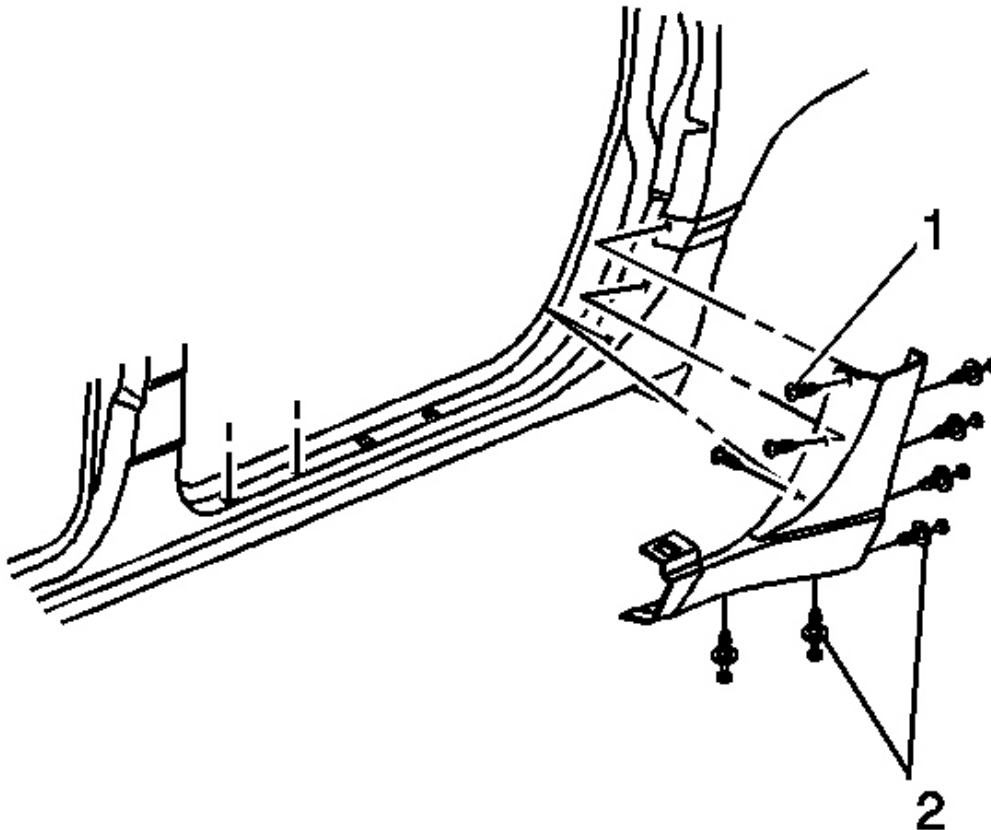
**NOTE:** Refer to Fastener Notice .

**Tighten:** Tighten the rocker panel molding bolts to 7 N.m (62 lb in).

4. Install the assist step.
5. Install the front rocker molding scuff plate. Refer to **Front Rocker Molding Scuff Plate Replacement**.
6. Install the rear rocker molding scuff plate. Refer to **Rear Rocker Molding Scuff Plate Replacement**.

## ROCKER PANEL REAR MOLDING REPLACEMENT

### Removal Procedures



**Fig. 48: Identifying Door Opening Screws & Push-In Retainers**  
Courtesy of GENERAL MOTORS CORP.

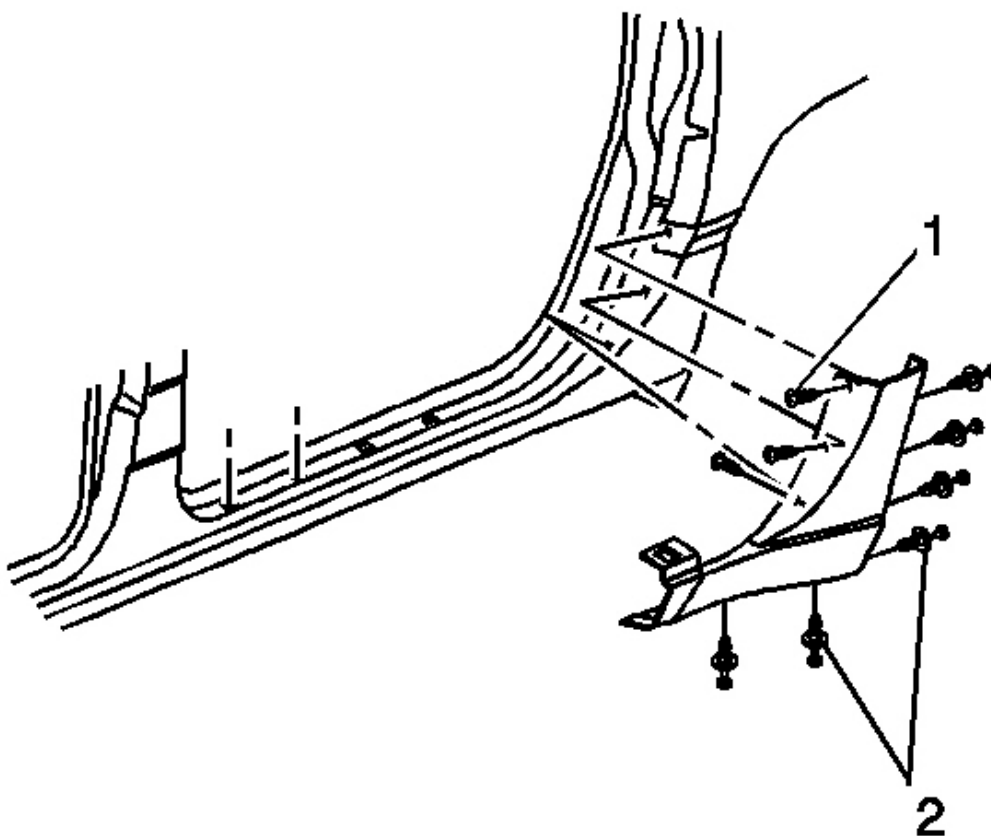
1. Remove rocker panel assembly. Refer to **Rocker Panel Molding Replacement**.
2. Remove the door opening screws (1) from front of rocker panel rear molding.

3. Release push-in retainers (2) using a trim removal tool.

**NOTE:** Use a plastic, flat-bladed tool to prevent paint damage when removing an emblem/name plate.

4. Remove the rocker panel molding from the rocker panel.

#### Installation Procedure



**Fig. 49: Identifying Door Opening Screws & Push-In Retainers**  
Courtesy of GENERAL MOTORS CORP.

1. Position the rocker molding to the holes in the rocker panel.

**NOTE:** Refer to Fastener Notice .

2. Install the door opening screws (1).

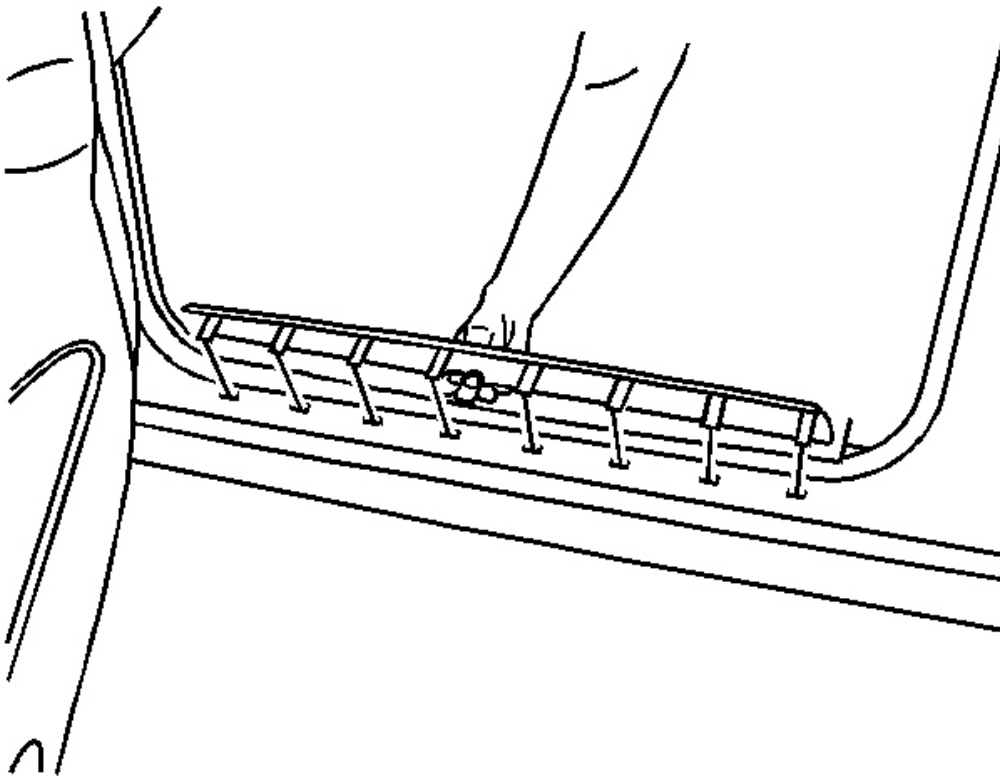
**Tighten:** Tighten the screws to 6 N.m (53 lb in).

3. Install push-in retainers.

## **FRONT ROCKER MOLDING SCUFF PLATE REPLACEMENT**

### **Removal Procedure**

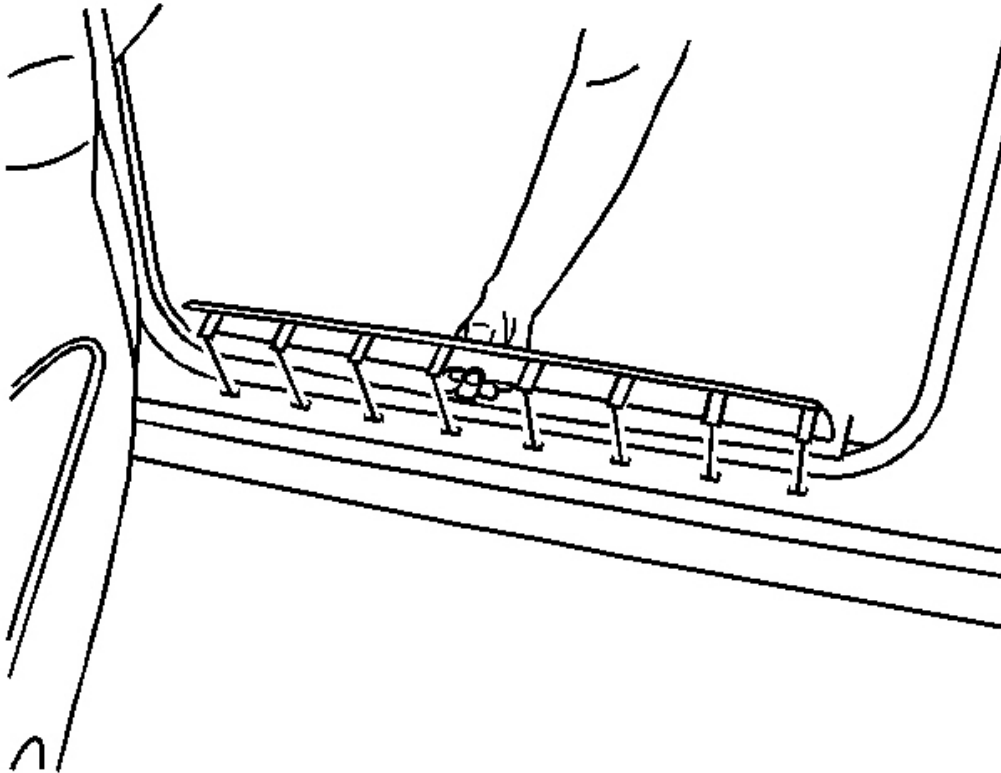
1. Open the front door.



**Fig. 50: Identifying Rocker Molding Scuff Plate**  
Courtesy of GENERAL MOTORS CORP.

2. Starting at the rear of the rocker molding scuff plate and working forward, lift upwards on the scuff plate to release the retaining tabs.
3. Remove the scuff plate from the vehicle.

## Installation Procedure



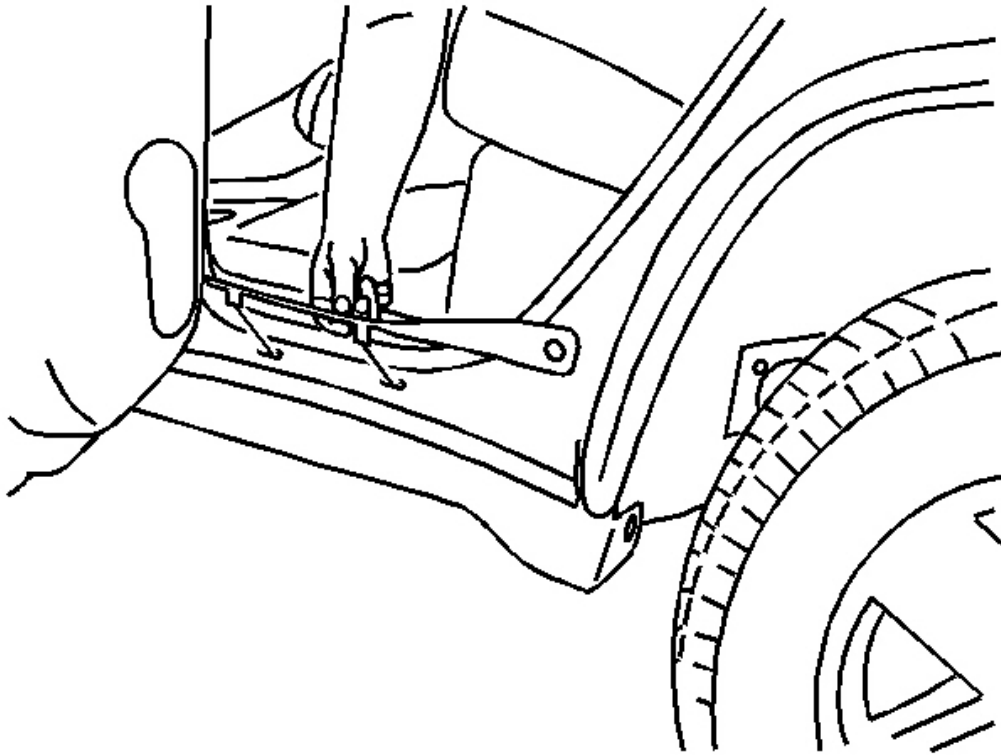
**Fig. 51: Identifying Rocker Molding Scuff Plate**  
Courtesy of GENERAL MOTORS CORP.

1. Position the scuff plate to the rocker.
2. Apply downward pressure on the scuff plate in order to seat the retaining tabs.
3. Close the door.

## REAR ROCKER MOLDING SCUFF PLATE REPLACEMENT

### Removal Procedure

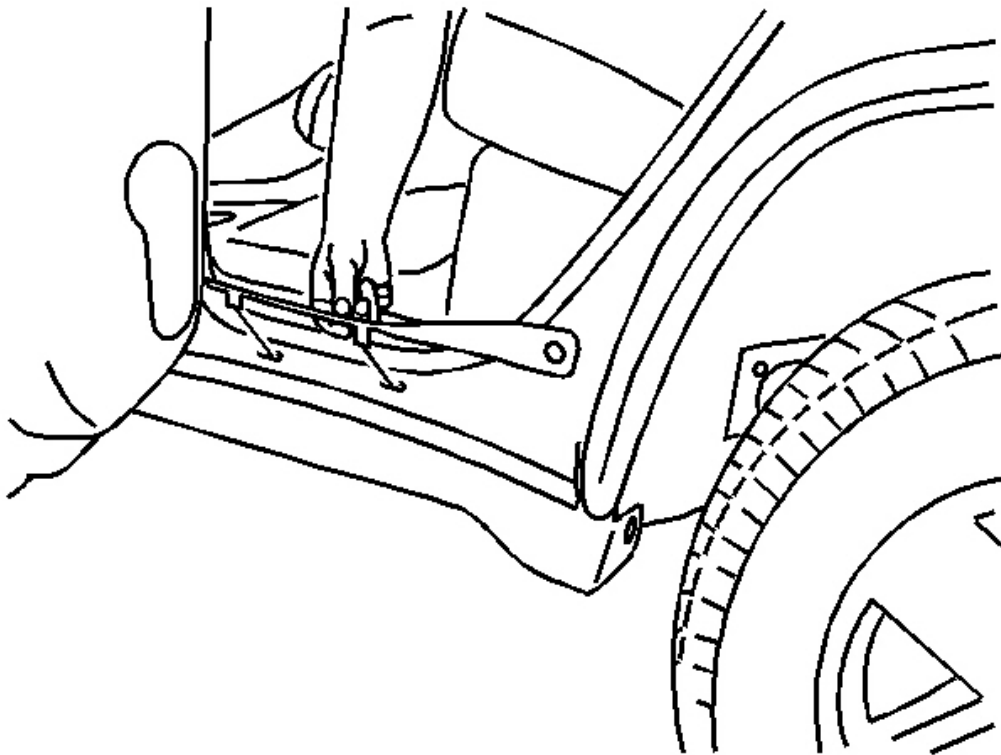
1. Open the rear door.



**Fig. 52: Identifying Rear Rocker Molding Scuff Plate Retainers**  
Courtesy of GENERAL MOTORS CORP.

2. Remove the push-pin that retains the rear rocker molding scuff plate to the rocker panel.
3. Lift upwards on the scuff plate to release the retaining tabs.
4. Remove the scuff plate from the vehicle.

#### **Installation Procedure**



**Fig. 53: Identifying Rear Rocker Molding Scuff Plate Retainers**  
Courtesy of GENERAL MOTORS CORP.

1. Position the scuff plate to the rocker panel.
2. Apply downward pressure on the scuff plate to seat the retaining tabs.
3. Install the push-pin that retains the scuff plate to the rocker panel.
4. Close the rear door.

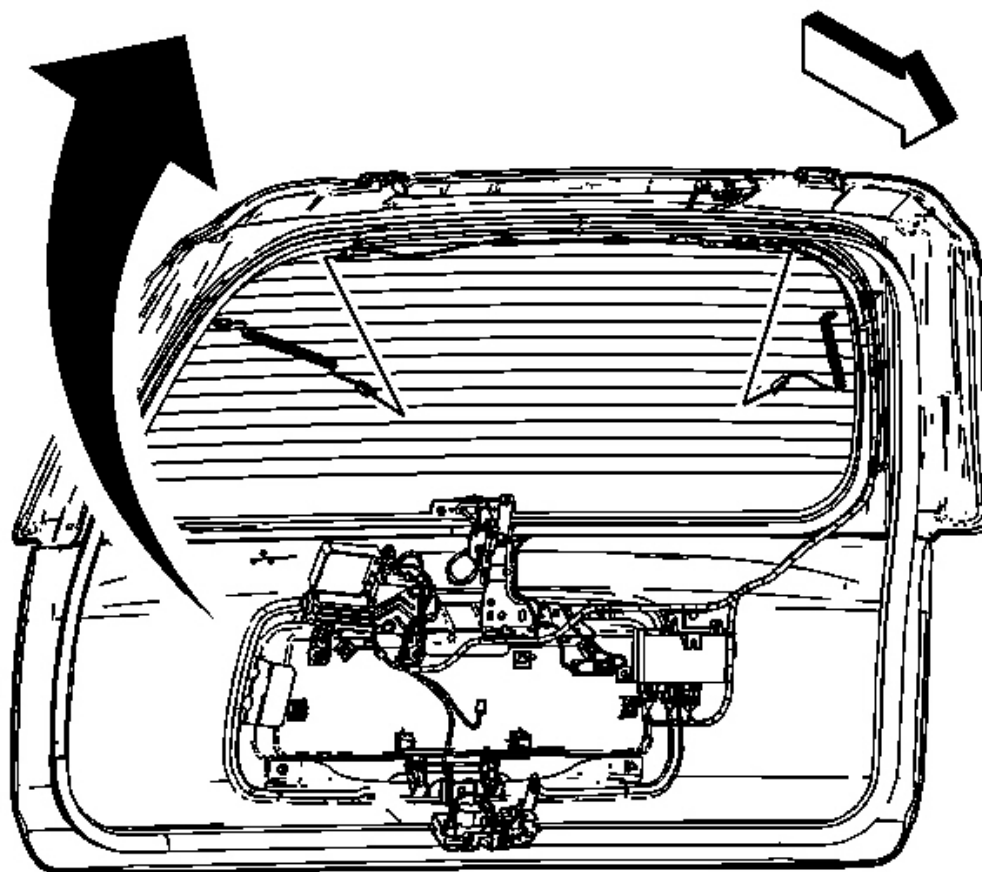
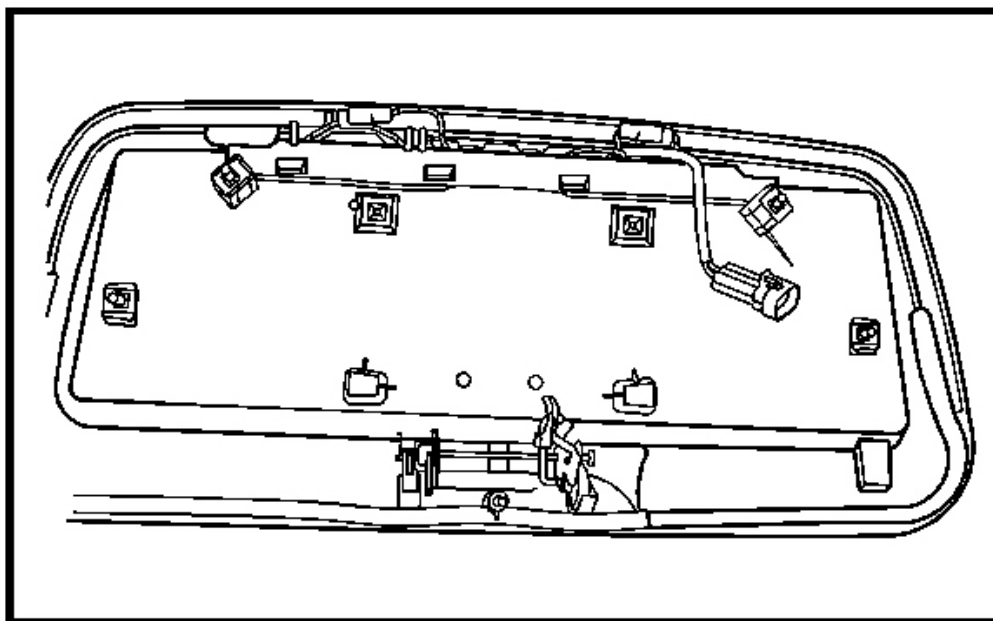
## **REAR LICENSE PLATE POCKET REPLACEMENT**

### **Removal Procedure**



## 2008 Isuzu Ascender LS

2008 Accessories & Equipment Exterior Trim - Ascender, Envoy & Trailblazer



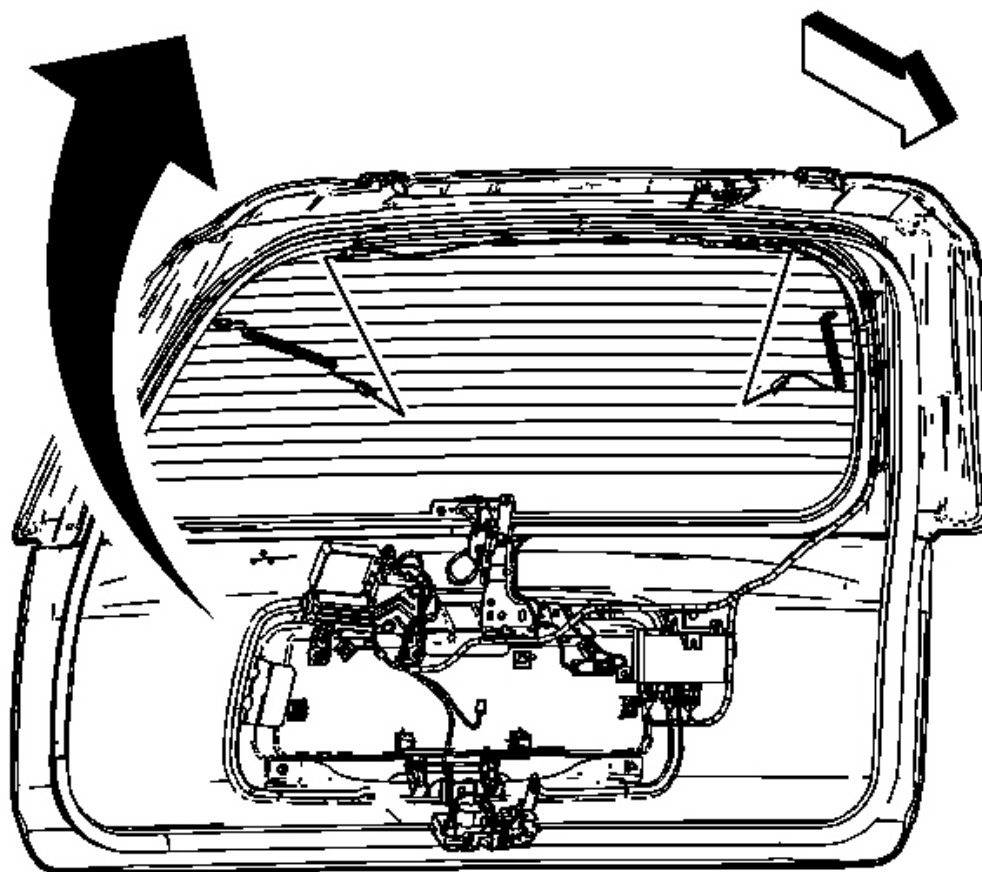
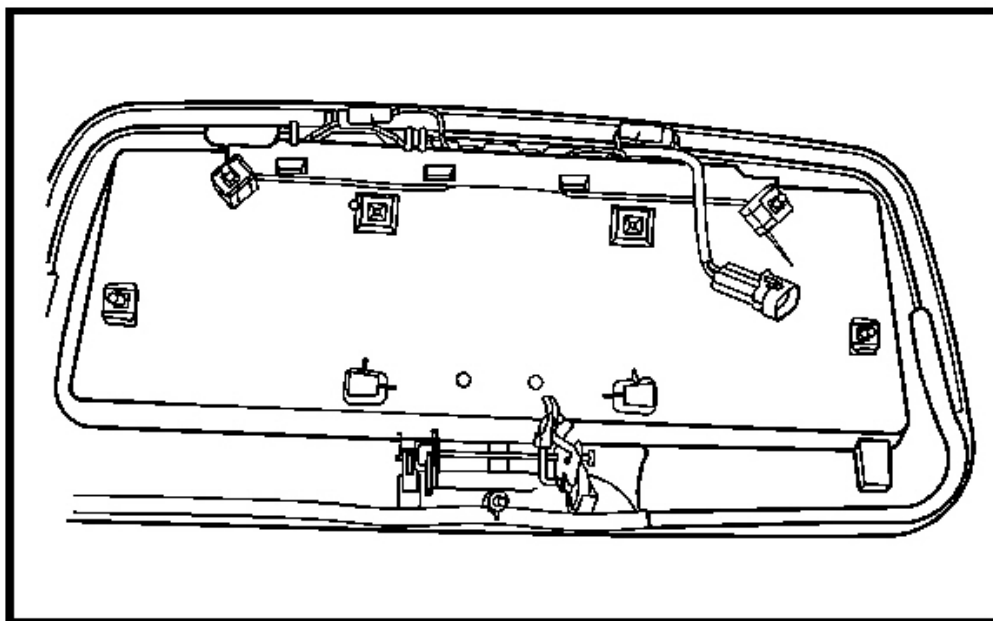
**Fig. 54: View Of Liftgate Trim Panel**  
**Courtesy of GENERAL MOTORS CORP.**

1. Open the liftgate.
2. Remove the liftgate trim panel. Refer to **Liftgate Trim Panel Replacement** .
3. Remove the liftgate lock cylinder. Refer to **Liftgate Lock Cylinder Replacement** .
4. Remove the license plate pocket wiring harness retainers from the liftgate.
5. Disconnect the main license plate pocket electrical connector.
6. Remove the nuts retaining the license plate pocket to the liftgate.
7. Remove the license plate pocket from the liftgate.

**Installation Procedure**

## 2008 Isuzu Ascender LS

2008 Accessories & Equipment Exterior Trim - Ascender, Envoy & Trailblazer



**Fig. 55: View Of Liftgate Trim Panel**  
**Courtesy of GENERAL MOTORS CORP.**

1. Install the license plate pocket to the liftgate.

**NOTE:** Refer to **Fastener Notice** .

2. Install the nuts retaining the license plate pocket to the liftgate.

**Tighten:** Tighten the license plate pocket nuts to 10 N.m (89 lb in).

3. Connect the main license plate pocket electrical connector.
4. Install the license plate pocket wiring harness retainers to the liftgate.
5. Install the lock cylinder. Refer to **Liftgate Lock Cylinder Replacement** .
6. Install the liftgate trim panel. Refer to **Liftgate Trim Panel Replacement** .