

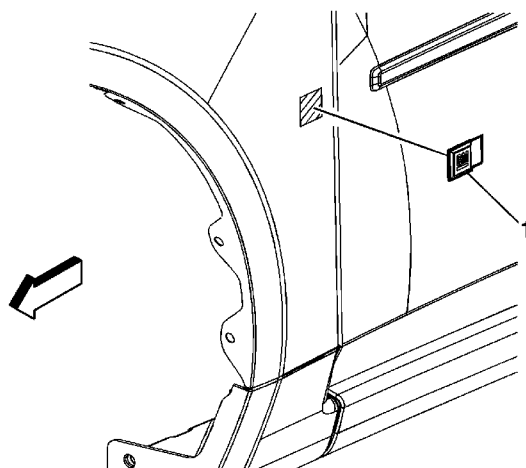
[2009 Chevrolet Impala](#) | [Impala \(VIN W\) Service Manual](#) | [Body Hardware and Trim](#) | [Exterior Trim](#) | [Specifications](#) |

Document ID: 1793332

Fastener Tightening Specifications

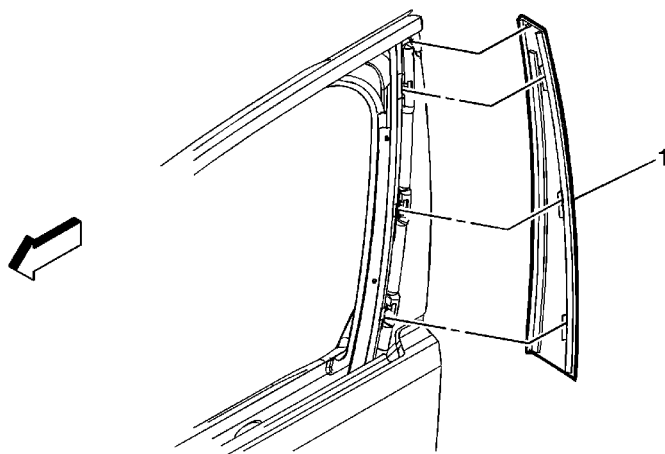
Application	Specification	
	Metric	English
Door Frame Screws	2 N·m	18 lb in
Rear Spoiler Nuts	10 N·m	89 lb in
Rocker Panel Molding Screws	2 N·m	18 lb in

Front Fender Emblem / Nameplate Replacement



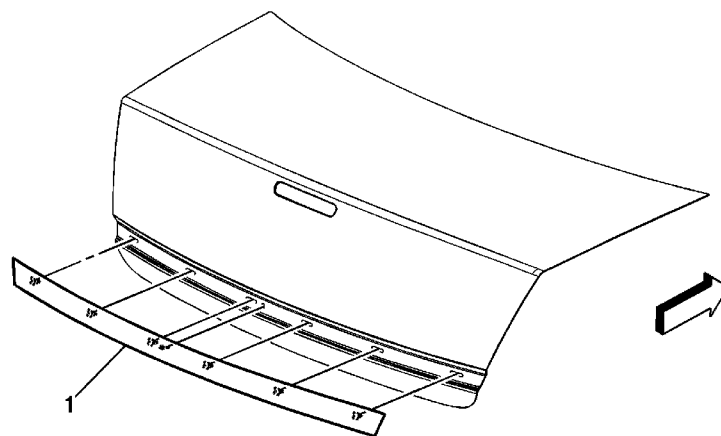
Callout	Component Name
1	Front Fender Nameplate Tip • When removing protective liners from adhesive backed nameplates, be careful not to touch the tape with hands and do not allow the tape to come in contact with dirt or any foreign matter prior to adhesion. • Use a J 25070 or equivalent to remove the 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. Special Tools J 25070 Heat Gun - 500-750F

Front Side Door Window Frame Rear Applique and Outer Weatherstrip Replacement (Impala)



Callout	Component Name
<i>Fastener Tightening Specifications:</i> Refer to Fastener Tightening Specifications .	
1	Front Side Door Window Frame Applique Tip The applique is secured with 3 metal clips located in the glass run channel.

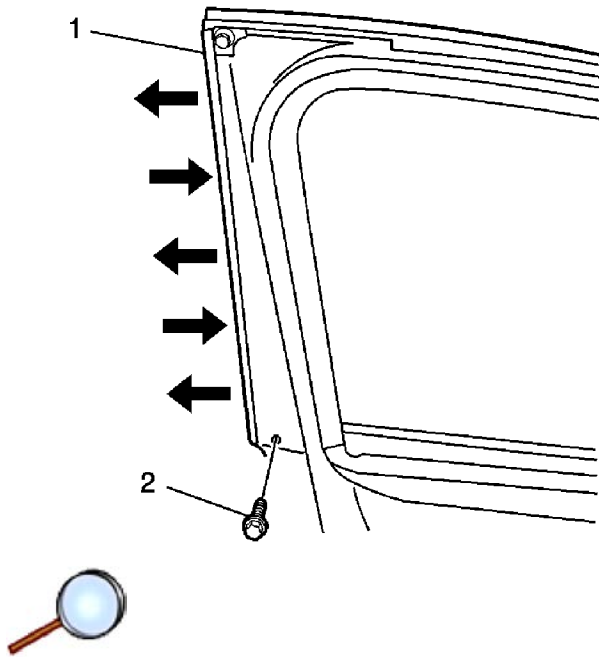
Rear Compartment Lid Applique Replacement



Callout	Component Name
<i>Fastener Tightening Specifications:</i> Refer to Fastener Tightening Specifications .	
1	Applique, Rear Compartment Tip Use a flat-bladed tool and gently pry the applique from the compartment lid.

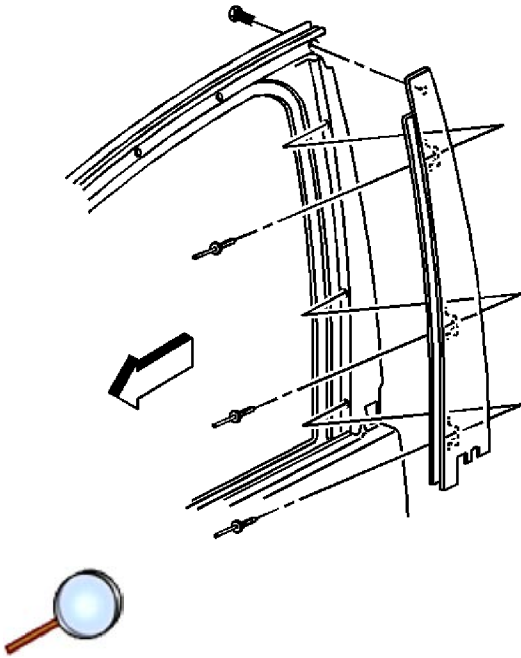
Rear Side Door Window Frame Front Applique and Front Channel Replacement

Removal Procedure



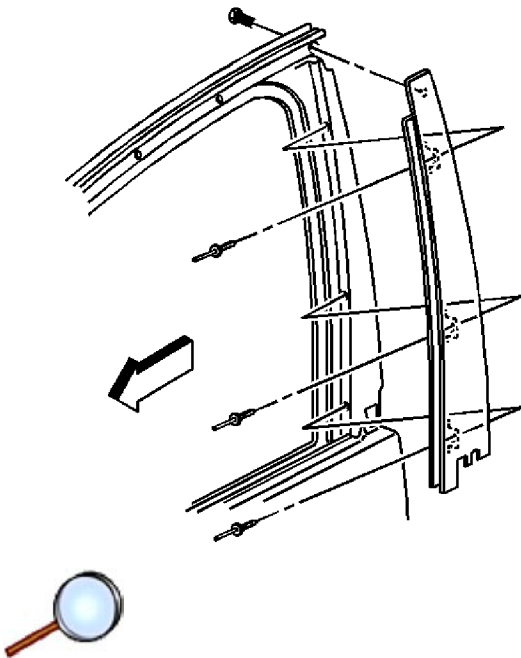
Caution: To avoid paint damage, protect the area surrounding the part which you are removing or installing.

1. Apply masking tape to the door frame and applique.
2. Lower the window to the full down position.
3. Remove the window channel retainer. Refer to [Rear Side Door Window Channel Retainer Replacement](#).
4. Remove the screws (1, 2) from the upper and lower corners of the inside door frame.
5. Pull the window run channel weatherstrip out of the retainer and reposition it in order to access to the applique rivets.



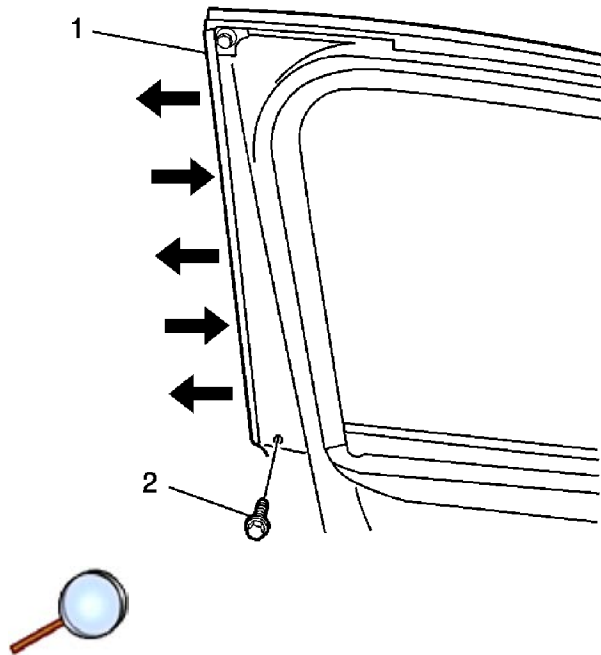
6. Drill out the 4 mm (5/32 in) rivets along the inside edge of the window channel retainer.
7. Pull upward to release the applique from the door frame.

Installation Procedure



1. Install the applique to the door frame.
2. Install the new 4 mm (5/32 in) rivets along the inside edge of the window channel retainer to secure the applique to the door frame.

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



3. Install the screws (1, 2) to the upper and lower corners of the inside door frame.

Tighten

Tighten the screws to 2 N·m (18 lb in).

4. Install the window channel retainer. Refer to [Rear Side Door Window Channel Retainer Replacement](#).
5. Install the window weatherstrip.
6. Remove masking tape.
7. Inspect the window for proper operation.

Decal or Stripe Replacement

A pressure sensitive adhesive adheres the stripes and decals to the painted surfaces.

Use a wetting solution in order to lift and position the stripe or decal during installation.

A wetting solution ensures a better bond between the stripe or decal and the panel assembly.

If the metal or underlying painted surfaces are damaged, repair and refinish the metal as needed before you install the stripes or decals.

Caution: Striping material highlights vehicle surface imperfection. All dings, rough metal, paint defects and uneven two-tone paint breaklines must be eliminated before stripe/decal application. Freshly painted surfaces must be allowed to dry thoroughly before installing stripe or decal. Residual solvents in fresh painted surfaces can lead to subsequent blistering problems if stripe or decal is applied before complete release of solvents.

Maintain body surface and decal temperature between 21-38°C (70 -100°F) during installation.

Note: DO NOT apply the decals when the body surface and the decal temperatures are below 21° C (70°F).

Use auxiliary heat sources to warm the body surface and decals if the temperature is less than 21° C (70°F).

Caution: Use of harsh chemicals when cleaning can damage exterior lamps. Suggested cleaners are a mild soap and water, or Varnish Makers and Painters (VM&P) Naptha. VM&P Naptha is a specific type of naptha and should not be substituted by any other naptha.

Note: When you apply stripes or decals on flexible surfaces (fascias, etc.), use the WET method. The WET method reduces the formation of bubbles under the decal due to the outgassing potential of the flexible materials.

You may apply stripes and decals dry. If the stripe or decal shows bubbles, use the "wet" method. Use the "wet" method for large graphics packages.

The following equipment and materials, or the equivalent, are necessary when making a quality stripe or decal installation:

- Wetting solution foaming type window cleaner that does not contain ammonia
- Silicone, wax and grease remover
- Varnish Makers and Painters (VM&P) naphtha
- Isopropyl alcohol
- Squeegee about 75-100 mm (3-4 in) wide, plastic or hard rubber. Deburr any sharp or rough edges in order to prevent scratching of the stripe or decal
- Water bucket and sponge or spray bottle
- Sandpaper 800 grit or finer, wet or dry type
- Heat gun

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- Clean, lint-free wiping cloth
- Sharp knife or razor blade
- Scissors
- Fine pin or needle
- Marking pencil

Removal Procedure

1. Remove the necessary molding and trim panel.
2. Wash and clean the following items using Liquid Wash and Wax GM P/N 1052870 or the equivalent:
 - The repair surfaces
 - The adjacent panel
 - The openings
3. Remove the following components:
 - The molding attaching clips
 - The handles
 - The sidemarker reflector
 - Other stripe or decal overlapping parts

Caution: To avoid damaging the paint finish, do not use pointed or sharp instruments to remove the stripe or the decal.

4. Use heat in order to remove the stripe or decal. Start at one edge and peel the stripe or decal from the panel surface.
5. Remove all traces of adhesive residue from the painted surfaces using the following items:
 - Silicone, wax and grease remover
 - Varnish makers and painters (VM&P) naphtha

Installation Procedure

1. Prepare the surface.

Caution: To prevent possible vehicle, stripe or decal damage, always refer to manufacturer's packaged instructions.

Note: If the area where you apply the stripe or decal has been refinished, remove any imperfections that may show through the stripe or decal.

2. Clean the painted surface with the following items:
 - Silicone
 - Wax
 - Grease remover
3. Clean the area where you apply the stripe or decal. Use a 50/50 mixture of isopropyl alcohol and water.
4. Wipe the panel surface with a clean cloth while the solvent dries.
5. Apply the wetting solution to the area where you install the stripe or decal.

Note: DO NOT touch the adhesive backing of the stripes.

6. Use the wetting solution on the adhesive side of the stripe or decal.
7. Remove the backing material of the stripe or decal as needed.
8. Install the stripe or decal to the panel.
9. Working from the center if possible, squeegee the stripe or decal into position.
10. Apply additional wetting solution in order to ease installation of the stripe or decal.

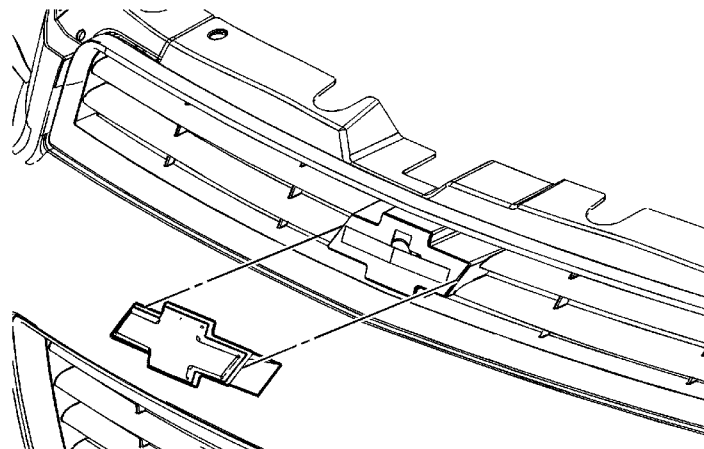
Apply a soapy wetting solution on the top side of the stripe or decal for the following reasons:

- In order to ease the pull of the squeegee on the stripe or decal
 - In order to eliminate the possibility of damage
11. Apply heat to the stripe or decal at recessed areas.
 12. Press the stripe or decal into recess in order to obtain a firm bond.
 13. Use adequate light reflection in order to detect any irregularities in the stripe or decal that may have developed during installation.

Note: DO NOT use a razor blade or a knife edge.

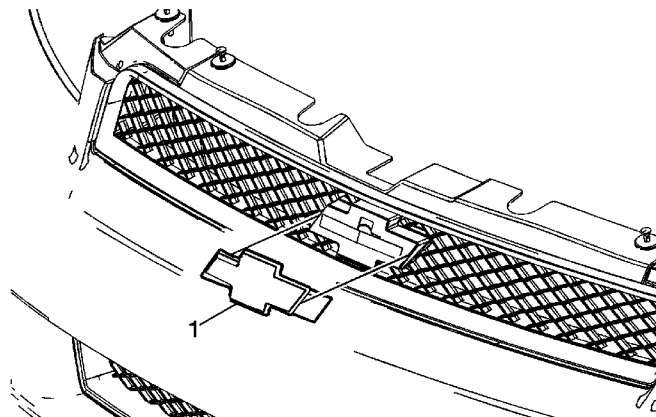
14. Use one of the following items in order to remove all bubbles by piercing:
 - A safety pin
 - A needle
 - A tool with the same size piercing tip
15. Pierce a bubble on the outer edge.
16. Force the air out from the opposite edge with the blade of the squeegee.
17. Install all previously removed components. Clean the components as needed.

Front Bumper Fascia Emblem Replacement (Base)



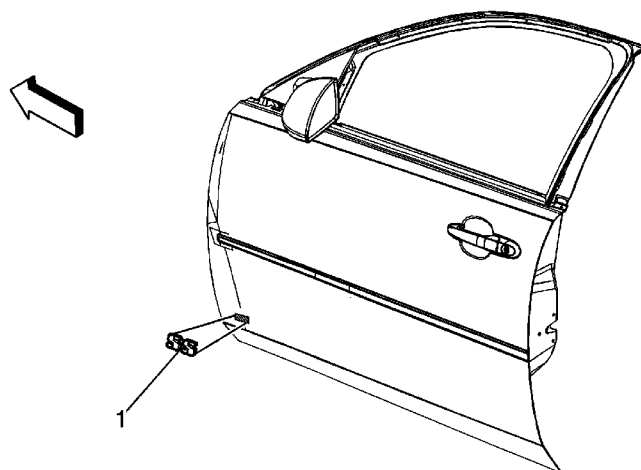
Callout	Component Name
<i>Fastener Tightening Specifications:</i> Refer to Fastener Tightening Specifications .	
1	Plate Assembly, Front Bumper Fascia Name Important: When removing protective liners from adhesive tape, be careful not to touch tape with hands and do not allow tape to come in contact with dirt or any foreign matter prior to adhesion. Tip Use a J 25070 or equivalent to remove the old nameplate. Clean all adhesive from front bumper fascia, wipe surface dry with a clean lint-free towel prior to installing new nameplate.

Front Bumper Fascia Emblem Replacement (Sport SS)



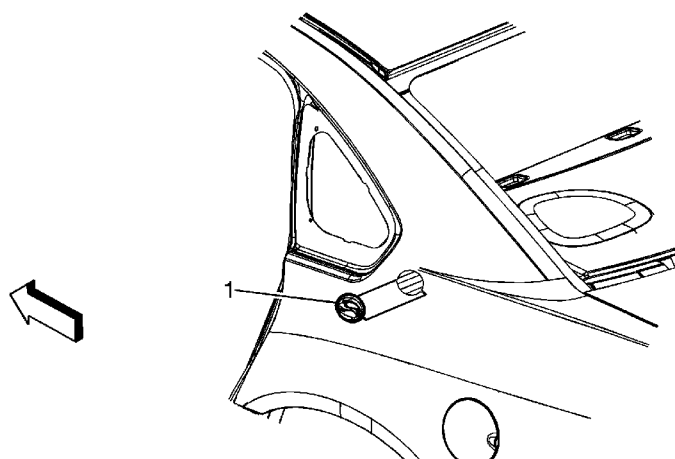
Callout	Component Name
1	Front Bumper Fascia Name Plate Assembly Tip • When removing protective liners from adhesive tape, be careful not to touch tape with hands and do not allow tape to come in contact with dirt or any foreign matter prior to adhesion. • Use a J 25070 Heat Gun or equivalent to remove the old nameplate. Clean all adhesive from front bumper fascia, wipe surface dry with a clean lint-free towel prior to installing new nameplate. Special Tools J 25070 Heat Gun - 500-750F

Front Side Door Emblem / Nameplate Replacement



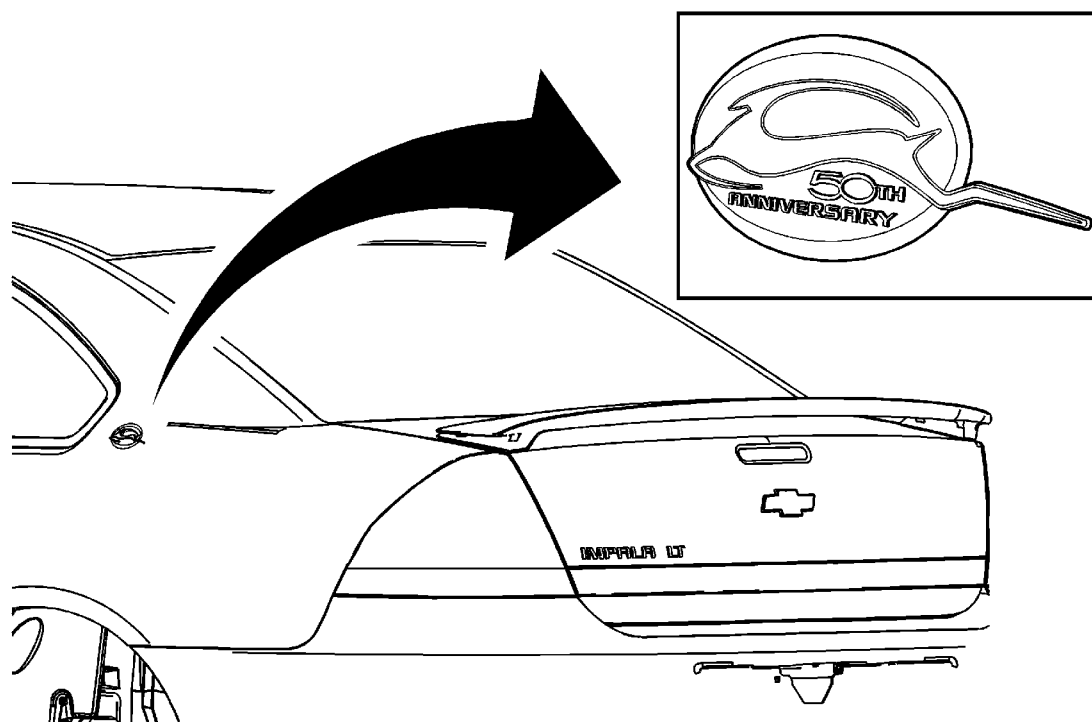
Callout	Component Name
<i>Fastener Tightening Specifications:</i> Refer to Fastener Tightening Specifications .	
1	Emblem Assembly, Front Door Important: When removing protective liners from adhesive backed emblems, be careful not to touch tape with hands and do not allow tape to come in contact with dirt or any foreign matter prior to adhesion. Tip Use a J 25070 or equivalent to remove the old emblem. Clean all the adhesive residue from the door, wipe surface dry with a clean lint-free towel prior to installing new emblem.

Quarter Window Rear Applique Emblem Replacement (Base)



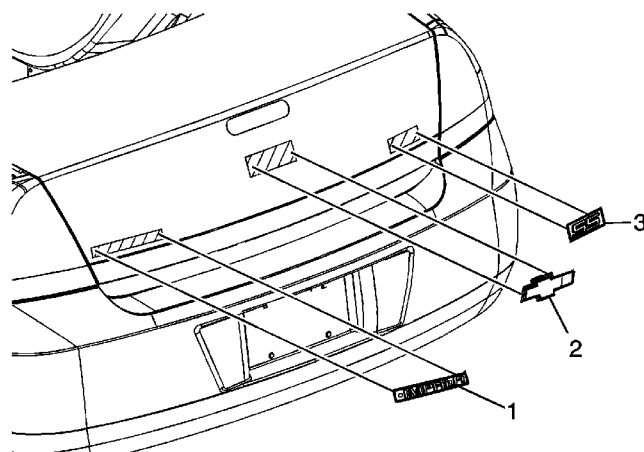
Callout	Component Name
1	Quarter Window Rear Applique Important: When removing protective liners from adhesive tape backed nameplates, be careful not to touch tape with hands and do not allow tape to come in contact with dirt or any foreign matter prior to adhesion. Procedure 1. Use a J 25070 or equivalent to remove the old quarter window rear applique. Clean all adhesive from the quarter panel, wipe the surface dry with a clean lint-free towel prior to installing the new quarter window rear applique. 2. Apply the new quarter window rear applique in the same location as shown. 3. Apply pressure to the new quarter window rear applique to ensure full adhesion is made to the quarter panel.

Quarter Window Rear Applique Emblem Replacement (50th Anniversary Edition)



Callout	Component Name
	Quarter Window Rear Applique
	Important: When removing protective liners from adhesive tape backed nameplates, 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.
1	Procedure 1. Use a J 25070 or equivalent to remove the old quarter window rear applique. Clean all adhesive from the quarter panel, wipe the surface dry with a clean lint-free towel prior to installing the new quarter window rear applique. 2. Apply the new quarter window rear applique in the same location as shown. 3. Apply pressure to the quarter window rear applique to ensure full adhesion is made to the quarter panel.

Rear Compartment Lid Emblem / Nameplate Replacement (Impala SS)

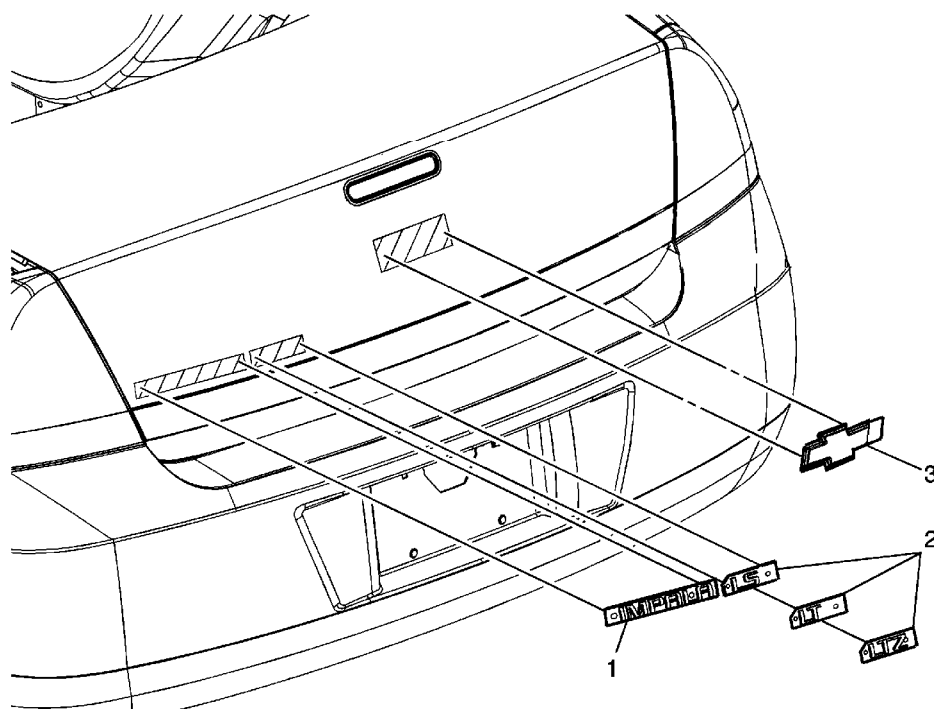


Callout	Component Name
<i>Fastener Tightening Specifications:</i> Refer to Fastener Tightening Specifications .	
1	Nameplate, Rear Compartment Lid (IMPALA) Tip 1. When removing protective liners from adhesive tape backed nameplates, be careful not to touch the tape with hands and do not allow the tape to come in contact with dirt or any foreign matter prior to adhesion. 2. Use a J 25070 or equivalent to remove the old nameplate. Clean all adhesive from the rear compartment lid, wipe surface dry with a clean lint-free towel prior to installing the new nameplate. 3. Apply the new nameplate with the rear compartment lid in the closed position. 4. Apply pressure to the nameplate to ensure full adhesion is made to the compartment lid.
2	Nameplate, Rear Compartment Lid (Bowtie) Tip 1. When removing protective liners from adhesive tape 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. 2. Use a J 25070 or equivalent to remove the old nameplate. Clean all adhesive from the rear compartment lid, wipe surface dry with a clean lint-free towel prior to installing the new nameplate. 3. Apply the new nameplate with the rear compartment lid in the closed position. 4. Apply pressure to the nameplate to ensure full adhesion is made to the compartment lid.

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3	Emblem, Rear Compartment Lid (SS) Tip 1. When removing protective liners from adhesive tape backed emblems, 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. 2. Use a J 25070 or equivalent to remove the old emblem. Clean all adhesive from the rear compartment lid, wipe surface dry with a clean lint-free towel prior to installing the new emblem. 3. Apply the new emblem with the rear compartment lid in the closed position. 4. Apply pressure to the emblem to ensure full adhesion is made to the compartment lid.
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Rear Compartment Lid Emblem / Nameplate Replacement (Impala Base / Uplevel)

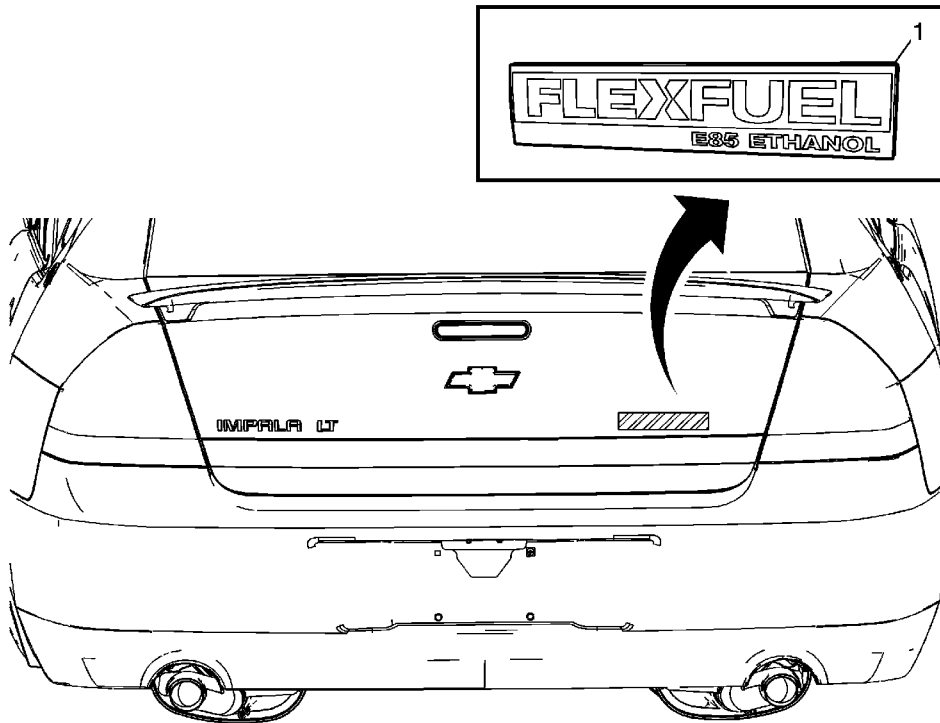


Callout	Component Name
<i>Fastener Tightening Specifications: Refer to Fastener Tightening Specifications .</i>	
1	Nameplate, Rear Compartment Lid (IMPALA) Tip 1. When removing protective liners from adhesive tape backed nameplates, be careful not to touch the tape with hands and do not allow the tape to come in contact with dirt or any foreign matter prior to adhesion. 2. Use a J 25070 or equivalent to remove the old nameplate. Clean all adhesive from the rear compartment lid, wipe surface dry with a clean lint-free towel prior to installing the new nameplate. 3. Apply the new nameplate with the rear compartment lid in the closed position. 4. Apply pressure to the nameplate to ensure full adhesion is made to the compartment lid.
	Emblem, Rear Compartment Lid (LS LT LTZ) Tip

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2	1. When removing protective liners from adhesive tape backed emblems, 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. 2. Use a J 25070 or equivalent to remove the old emblem. Clean all adhesive from the rear compartment lid, wipe surface dry with a clean lint-free towel prior to installing the new emblem. 3. Apply the new emblem with the rear compartment lid in the closed position. 4. Apply pressure to the emblem to ensure full adhesion is made to the compartment lid.
3	Nameplate, Rear Compartment Lid (Bowtie) Tip 1. When removing protective liners from adhesive tape 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. 2. Use a J 25070 or equivalent to remove the old nameplate. Clean all adhesive from the rear compartment lid, wipe surface dry with a clean lint-free towel prior to installing the new nameplate. 3. Apply the new nameplate with the rear compartment lid in the closed position. 4. Apply pressure to the nameplate to ensure full adhesion is made to the compartment lid.

Rear Compartment Lid Emblem / Nameplate Replacement (FFU)



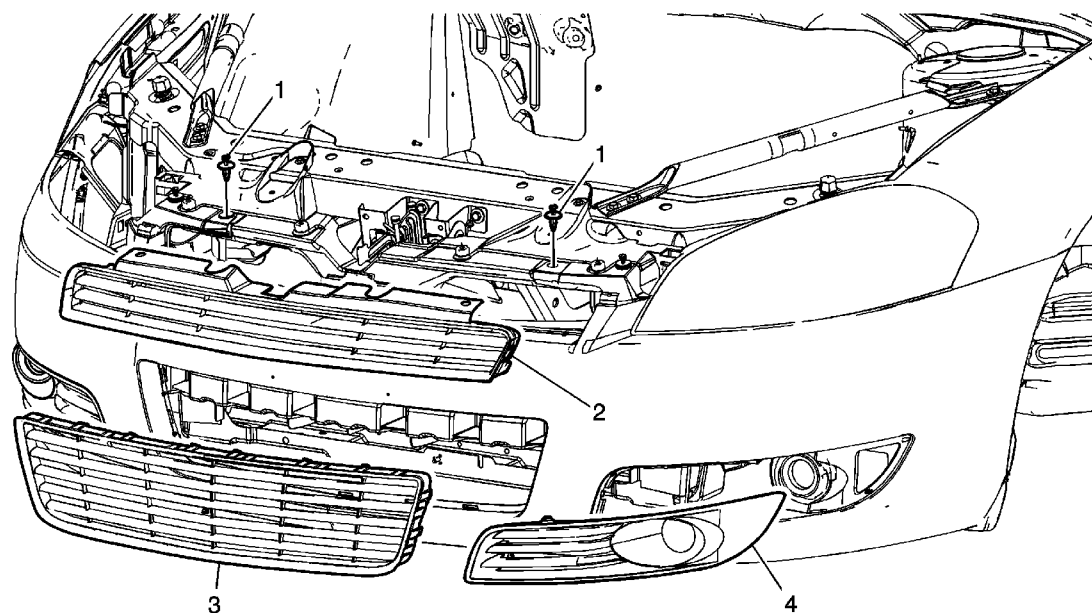
Callout	Component Name
	Flex Fuel Badge Caution: Refer to Exterior Trim Emblem Removal Caution in the Preface section. Procedure 1. The part and surface should be 21°C (70°F) prior to installation. The vehicle should remain 21°C (70°F) for one hour after assembly to allow adhesive to develop sufficient bond strength. 2. Use a J 25070 Heat Gun or equivalent to remove the old nameplate. 3. Clean all adhesive from rear compartment lid panel and wipe the surface dry with a clean lint-free towel prior to installing the new name plate. 4. 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. 5. Close the rear compartment lid prior to installing the nameplate. 6. Using the palm of the hand, wet out the name plate to the rear compartment lid panel and ensure full adhesion of the name plate is made.

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Special Tools

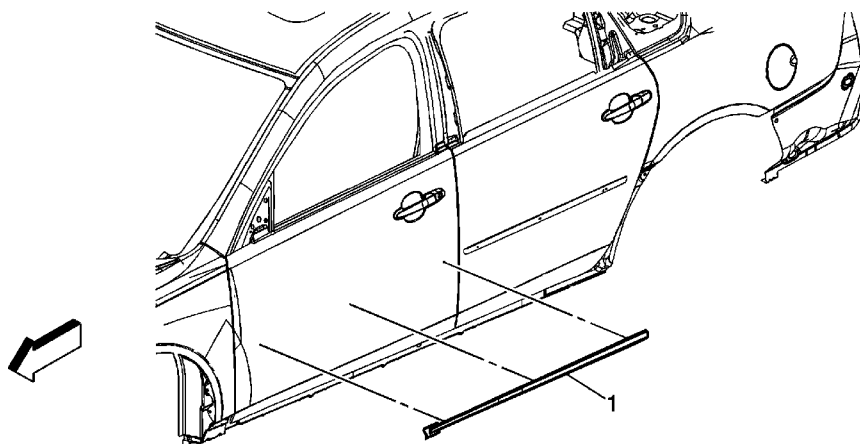
[J 25070](#) Heat Gun

Fascia Grille Replacement (Impala)



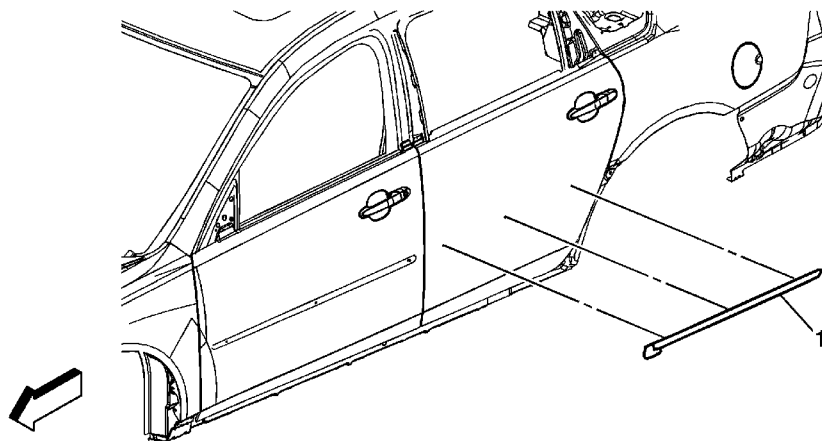
Callout	Component Name
<i>Fastener Tightening Specifications:</i> Refer to Fastener Tightening Specifications .	
1	Retainer, Front Fascia Grille (Qty: 2)
2	Grille, Upper Fascia
3	Grille, Center
4	Grille, Side

Front Side Door Molding Replacement (Impala)



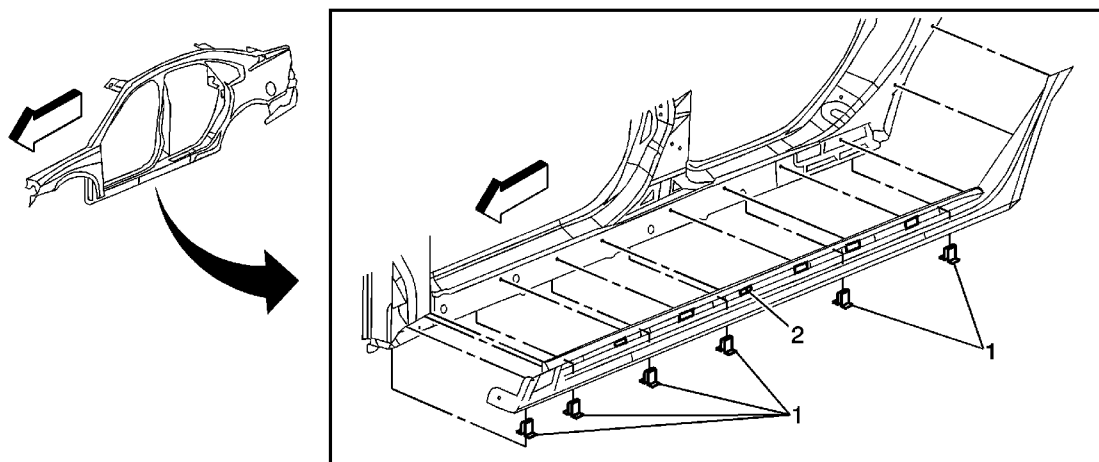
Callout	Component Name
<i>Fastener Tightening Specifications:</i> Refer to Fastener Tightening Specifications .	
Preliminary Procedure Using a J 25070 Heat Gun in a circular motion, warm the door bodyside molding prior to removal. Carefully clean the body panel thoroughly prior to bonding the new front bodyside molding to the door.	
1	Molding Asm, Bodyside Door Tip 1. Upon installation of the new front door bodyside molding, position the pin on the backside of the molding to the round hole at the front edge of the door first then to the oval holes. 2. Remove the protective liner from the backside of the molding adhesive tape. 3. Ensure full adhesion of the molding to the door using the palm of the hand with a dry towel working from the front edge of the door to the rear, down the entire molding.

Rear Side Door Molding Replacement (Impala)



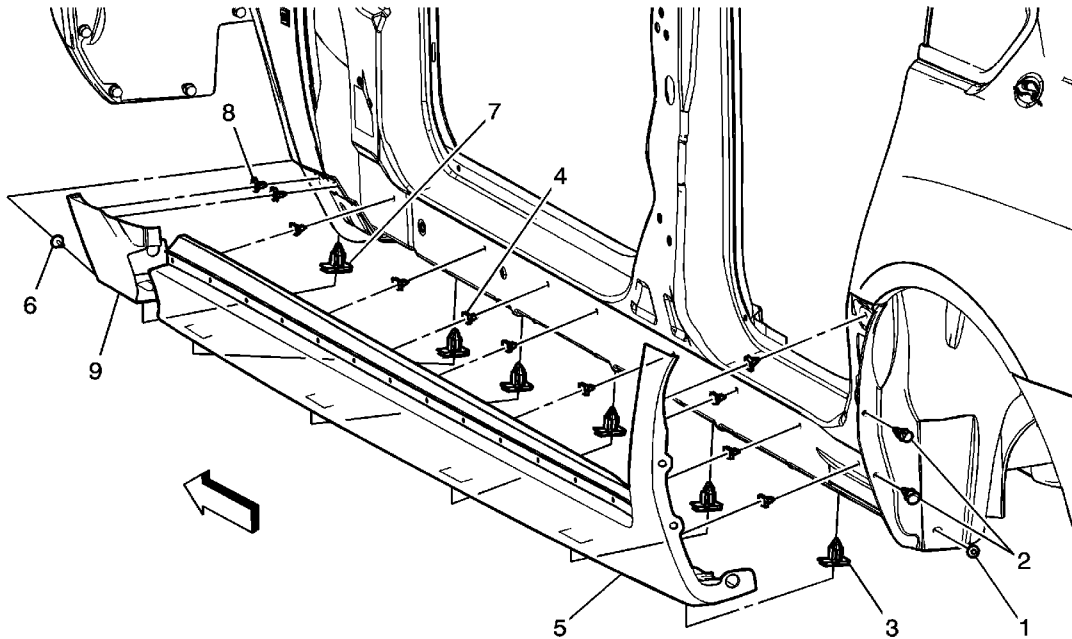
Callout	Component Name
<i>Fastener Tightening Specifications:</i> Refer to Fastener Tightening Specifications .	
Preliminary Procedure Use a J 25070 Heat Gun in a circular motion to warm the door bodyside molding prior to removal. Carefully clean the body panel thoroughly prior to bonding the new bodyside molding to the door.	
1	Molding Asm, Bodyside Door Tip: 1. Upon installation of the new rear door molding, position the pin on the frontside of the molding to the round hole first at the front edge of the door then to the oval holes. 2. Remove the protective liner from the backside of the molding adhesive tape. 3. Ensure full adhesion of the molding to the door using the palm of the hand with a dry towel working from the rear edge of the door forward down the entire molding.

Rocker Panel Molding Replacement (Base)



Callout	Component Name
<i>Fastener Tightening Specifications:</i> Refer to Fastener Tightening Specifications .	
Preliminary Procedure	
Open both doors on the side that the lower rocker panel molding is being removed from.	
1	Clips, Rocker Panel Integral (Qty: 6) Release the lower integral clips by pulling downward at each location prior to releasing the upper retainers from the lower rocker.
2	Retainers, Rocker Panel (Qty: 12) Tip Release the lower 12 retainers from the rocker by pulling panel outward and removing the lower rocker panel.

Rocker Panel Molding Replacement (50th Anniversary Edition)

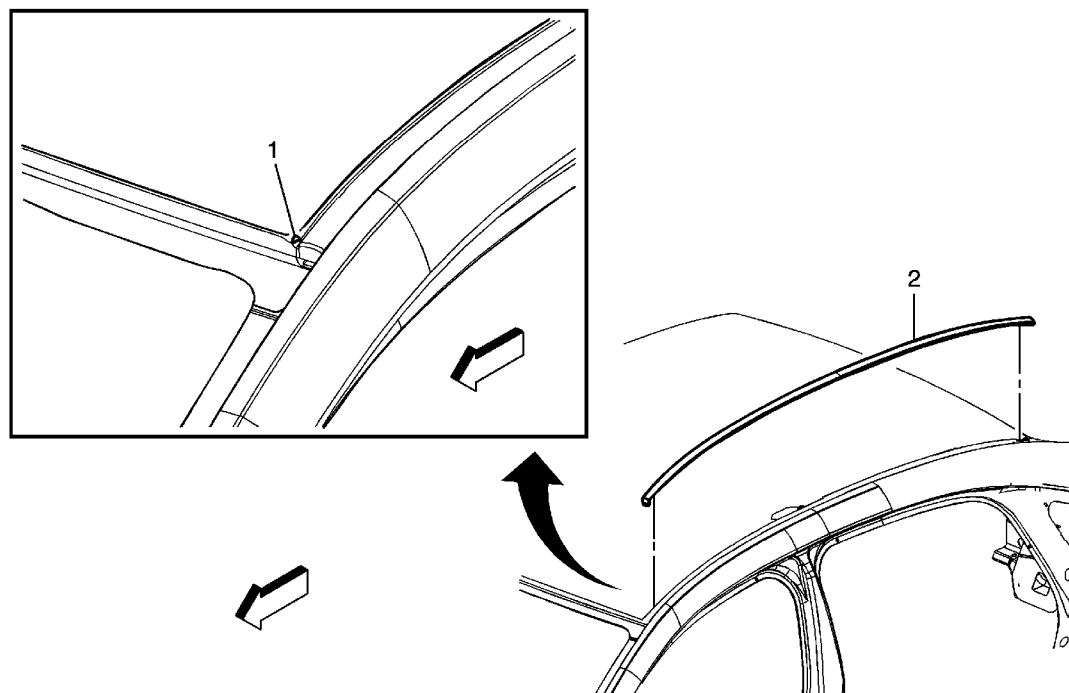


Callout	Component Name
Preliminary Procedure	
Remove the front and rear side door lower weather-strip from the lower rocker panel. Refer to Front and Rear Side Door Lower Weatherstrip Replacement .	
1	Rear Wheelhouse Panel Screw Caution: Refer to Fastener Caution in the Preface section. Tighten 1.5 N·m (13 lb in)
2	Wheelhouse Panel Push-Type Retainer (Qty: 2) Tip Using a small flat-bladed tool, release the center of the retainer and remove.
3	Rocker Panel Molding Lower Retainer (Qty: 5) Tip

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	Release the lower retainers first, followed by the upper retainers.
4	Rocker Panel Molding Retainer (Qty: 10)
5	Rear Rocker Panel Molding Assembly Tip Lift the rear portion of the molding upward and pull rearward in order to release from the front rocker molding.
6	Front Wheelhouse Panel Screw Tighten 1.5 N·m (13 lb in)
7	Rocker Panel Molding Lower Retainer
8	Rocker Panel Molding Retainer (Qty: 2)
9	Front Rocker Panel Molding Tip Install the front rocker molding then the rear.

Roof Weld Joint Reveal Molding Replacement



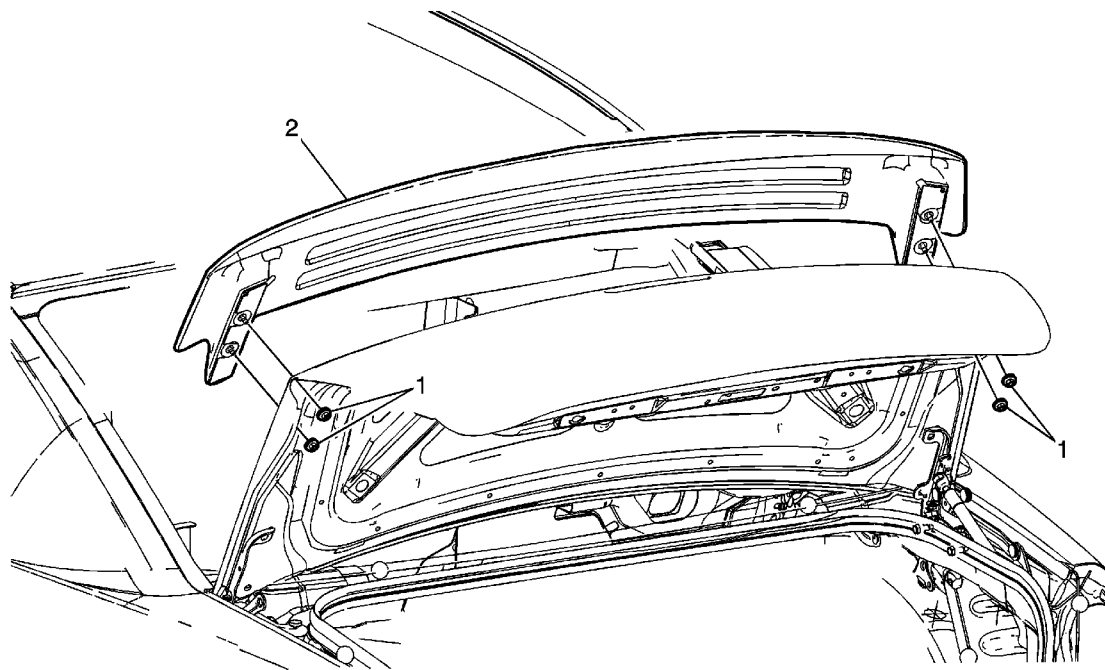
Callout	Component Name
Fastener Tightening Specifications: Refer to Fastener Tightening Specifications .	
Preliminary Procedure	
Use a J 25070 Heat Gun in a circular motion to warm the roof ditch molding prior to removal. Carefully clean the roof panel ditch thoroughly prior to bonding the new ditch molding to the roof panel.	
1	Molding Assembly, Roof Ditch Tip 1. Upon installation of the new ditch molding, engage the front edge of the molding into the clip at the front roof header. 2. Remove the protective liner from the backside of the molding adhesive tape surface. 3. Ensure full adhesion of the ditch molding to the roof using the palm of the hand with a dry towel or a roller type tool working from the front of the vehicle to the rear. 4. Engage the rear end of the molding to the retainer clip in the roof ditch.

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2

Molding Assembly, Roof Ditch

Rear Spoiler Replacement (T43)



Callout	Component Name
1	Rear Spoiler Nuts (Qty: 4) Caution: Refer to Fastener Caution in the Preface section. Tighten 10 N·m (89 lb in)
2	Rear Spoiler