

Exterior Trim

Specifications

GM SPO Group Numbers

Application	GM SPO Group Number
Door Molding	12.112
Front Fascia Emblem	7.832
Front Fender Molding	8.132
Rear Panel Emblem	12.182
Roof Lift Off Panel Molding	12.075

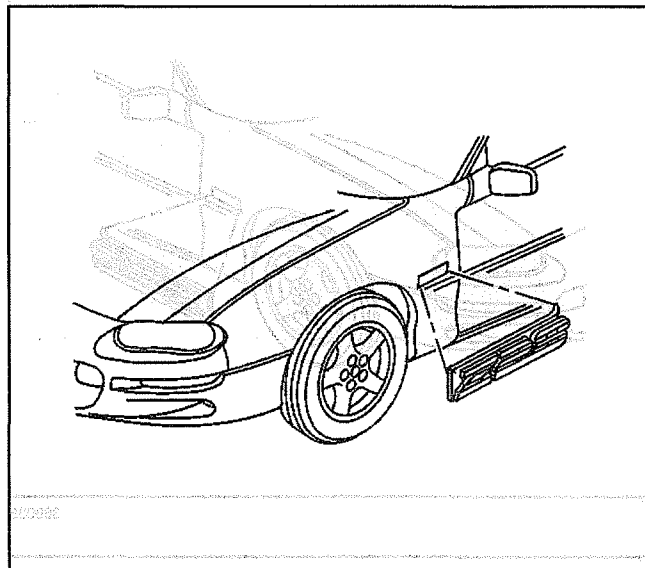
- The power locking top
 - The radio
 - The power windows
 - The rear fog lamps (Export)
- The RAP system allows operation of the above components for approximately 10 minutes after the ignition switch is turned to the OFF position. Operation is interrupted before the end of 10 minutes if a door is opened.
- The window circuit breaker
- The RAP system allows operation of the following components with the ignition switch in the OFF position:
- The power locking top
 - The radio
 - The power windows
 - The rear fog lamps (Export)
- The RAP system allows operation of the above components for approximately 10 minutes after the ignition switch is turned to the OFF position. Operation is interrupted before the end of 10 minutes if a door is opened.
- The key is in the ignition
 - The lockout prevention feature is enabled
- For more information, refer to Power Locks Locks Circuit Description.
- Both of the doors are closed
- If either of the doors opens, the 10 minute timer is canceled. The door locks will remain enabled for as long as the door is open. The door locks will not operate with the door open if both of the following conditions exist:
- The ignition switch is in the OFF position
- All of the components in these circuits are enabled for approximately 10 minutes when the following conditions exist:
- ACCY
 - RUN
- circuits are enabled as long as the ignition switch command is disabled. All of the components in these circuits are disabled after 10 seconds of the door opening. The power window circuit breaker

Repair Instructions

Molding/Nameplate Replacement - Exterior Trim (Z28 Fender Emblem)

Removal Procedure

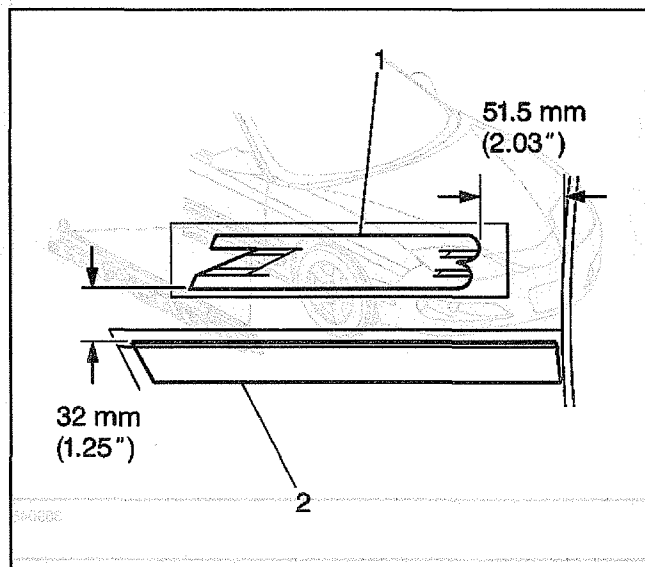
1. Mark the position of the emblem with a length of masking tape.
2. Remove the old emblem from the front fender.
3. Wash the fender with soapy water and wipe dry.
4. Remove all traces of adhesive from the fender using a oil-free naphtha or alcohol.



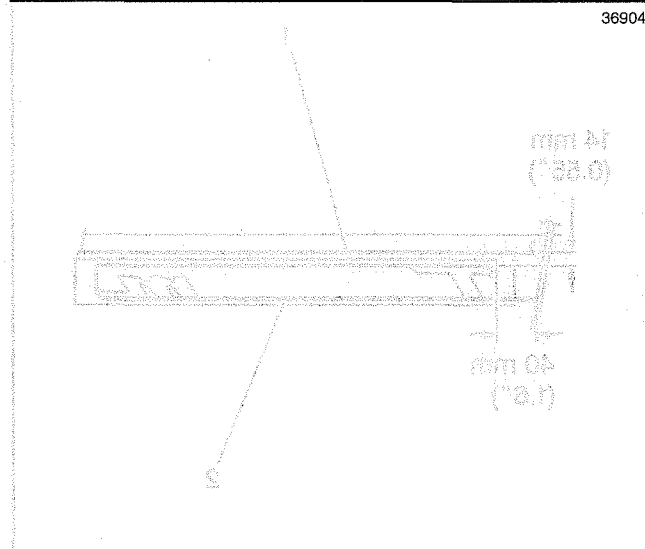
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Installation Procedure

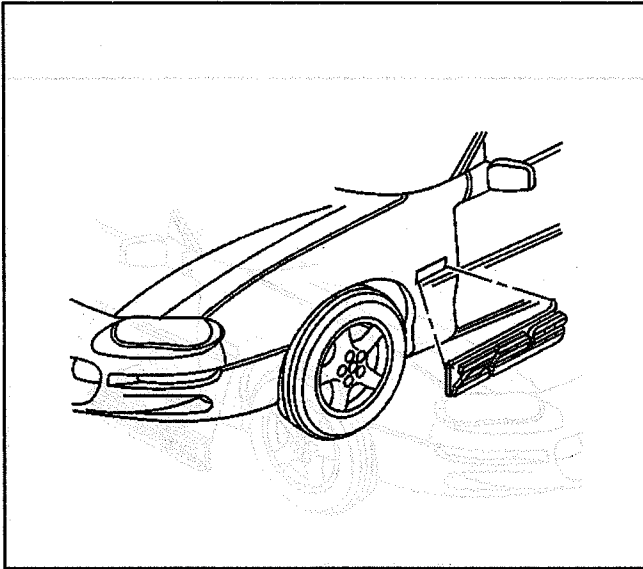
1. Remove the backing paper from the emblem.
2. Measure 51.5 mm (2.03 in) from the front edge of the door to the rear edge of the emblem (1).
3. Measure 32.0 mm (1.25 in) from the bottom edge of the emblem (1) to the top edge of the molding (2).



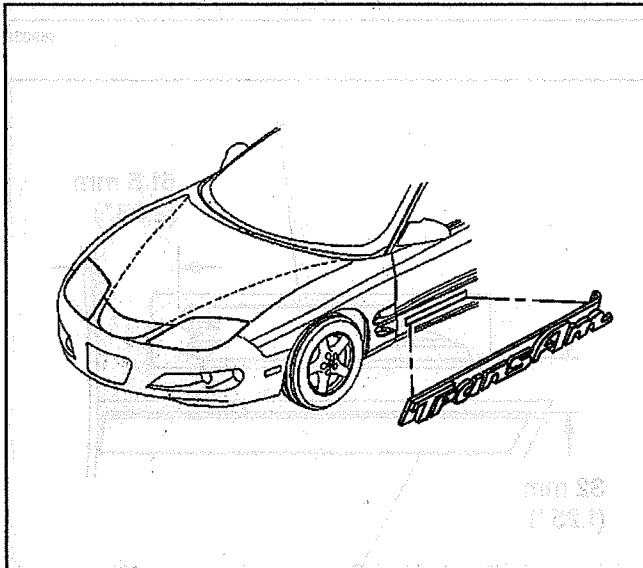
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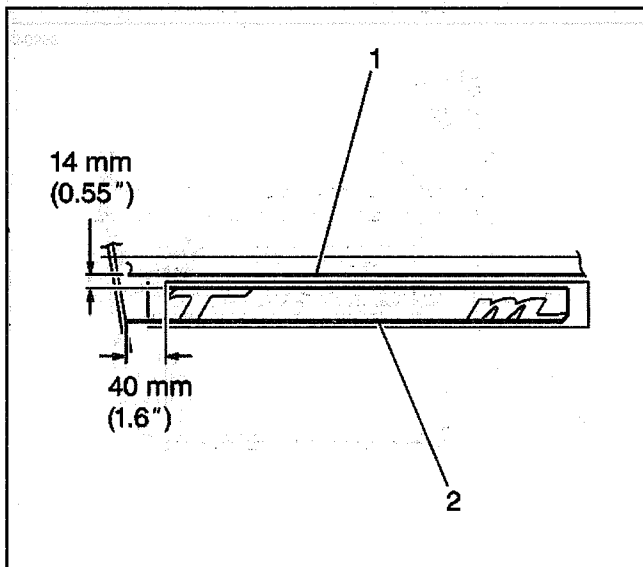
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- Align the emblem to the tape guideline and press firmly in place.

Molding/Nameplate Replacement - Exterior Trim (236 Fender Emblem)

Removal Procedure

- Mark the position of the emblem with a length of masking tape.
- Remove the old emblem from the front fender.
- Wash the fender with soapy water and wipe dry.
- Remove all traces of adhesive from the fender using a oil-free naphtha or alcohol.

Molding/Nameplate Replacement - Exterior Trim (Trans Am Door Emblem)

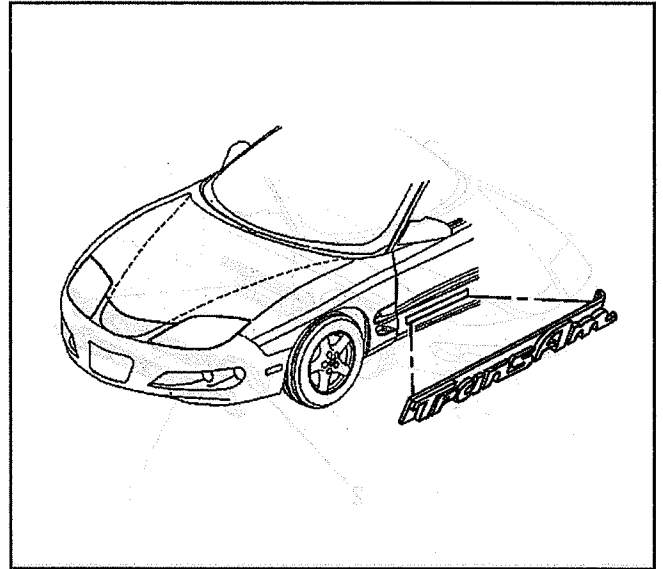
Removal Procedure

- Mark the position of the emblem with a length of masking tape.
- Remove the old emblem from the door.
- Wash the door with soapy water and wipe dry.
- Remove all traces of adhesive from the door using a oil-free naphtha or alcohol.

Installation Procedure

- Remove the backing paper from the emblem.
- Measure 40.0 mm (1.6 in) from the front edge of the door to the front edge of the emblem (2).
- Measure 14.0 mm (0.55 in) from the top edge of the emblem (2) to the bottom edge of the molding (1).

- Align the emblem to the tape guideline and press firmly in place.



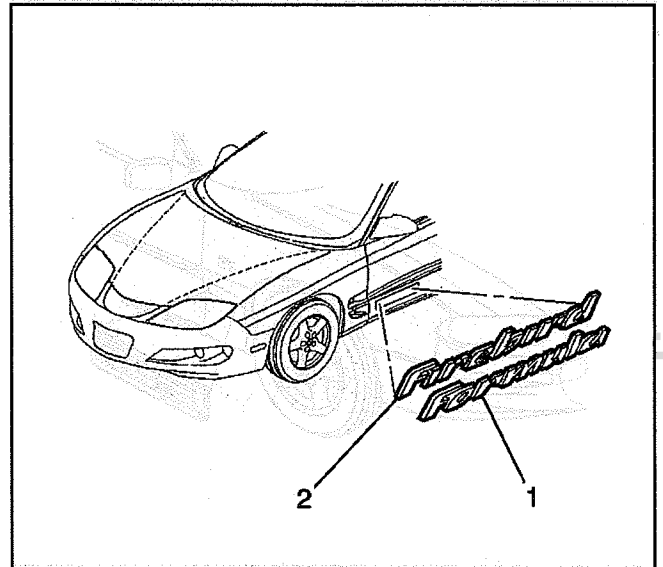
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Molding/Nameplate Replacement - Exterior Trim (Firebird/Formula Door Emblem)

Removal Procedure

- Mark the position of the emblem (1 or 2) with a length of masking tape.
- Remove the old emblem (1 or 2) from the door.
- Wash the door with soapy water and wipe dry.
- Remove all traces of adhesive from the door using a oil-free naphtha or alcohol.

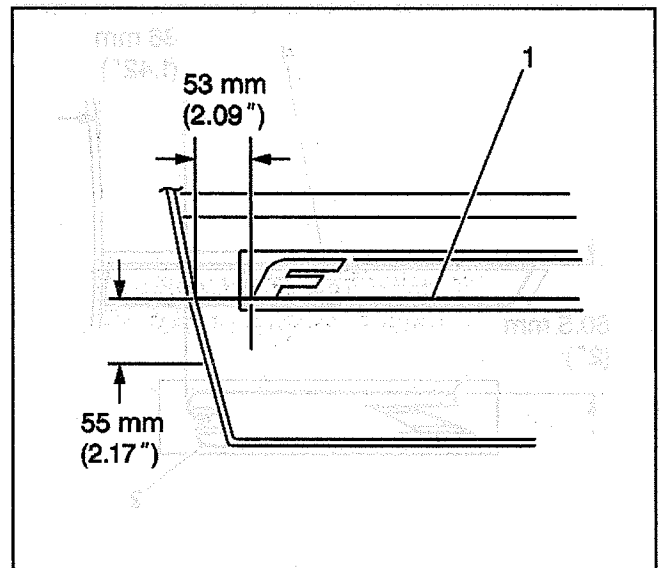


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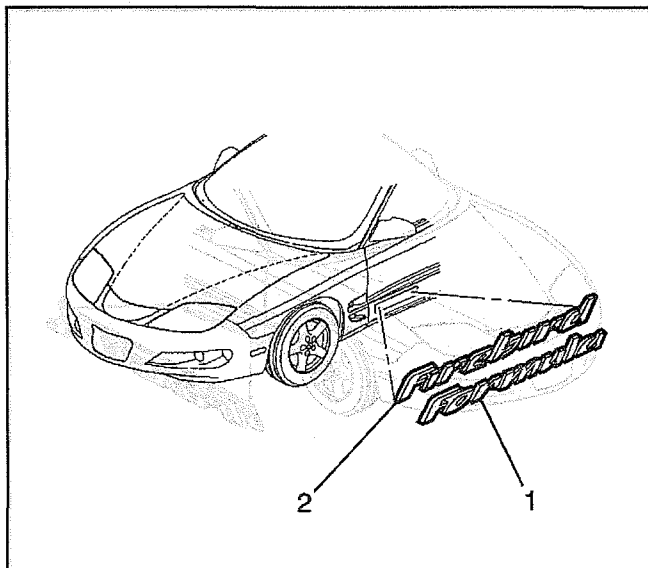
Installation Procedure

- Remove the backing paper from the emblem.
- Measure 53.0 mm (2.09 in) from the front edge of the door to the front edge of the emblem (1).



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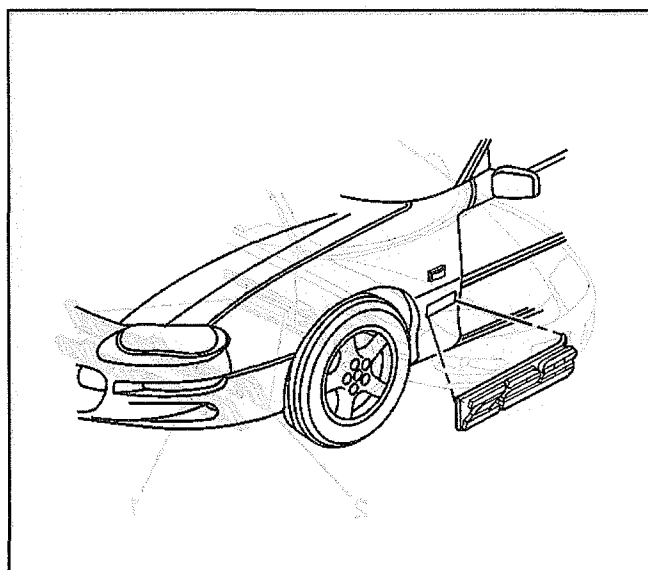
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- Align the emblem (1 or 2) to the tape guideline and press firmly in place.



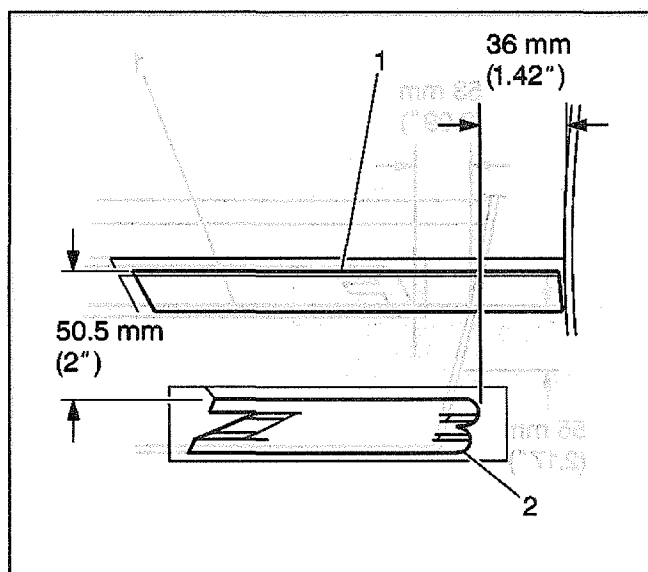
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Molding/Nameplate Replacement - Exterior Trim (Z28 Fender Emblem (Export))

Removal Procedure

- Mark the position of the emblem with a length of masking tape.
- Remove the old emblem from the door.
- Wash the door with soapy water and wipe dry.
- Remove all traces of adhesive from the fender using an oil-free naphtha or alcohol.



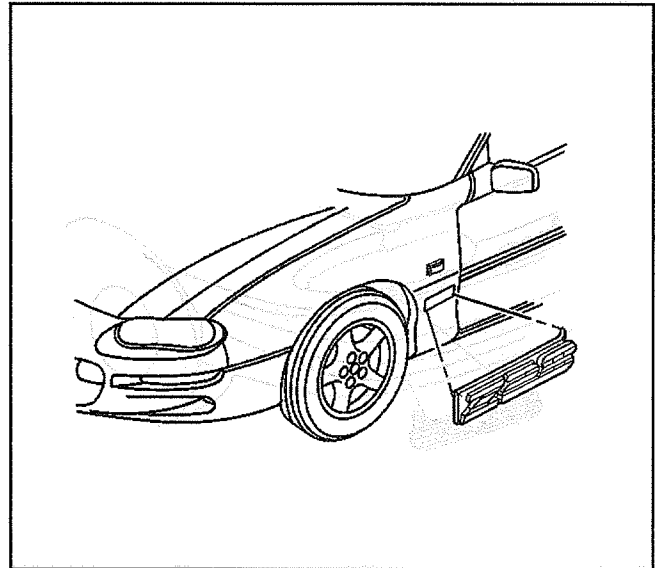
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Installation Procedure

- Remove the backing paper from the emblem.
- Measure 36.0 mm (1.42 in) from the rear edge of the fender to the rear edge of the emblem (2).
- Measure 50.5 mm (2.0 in) from the top edge of the molding to the top edge of the emblem (1).

4. Align the emblem to the tape guideline and press firmly in place.

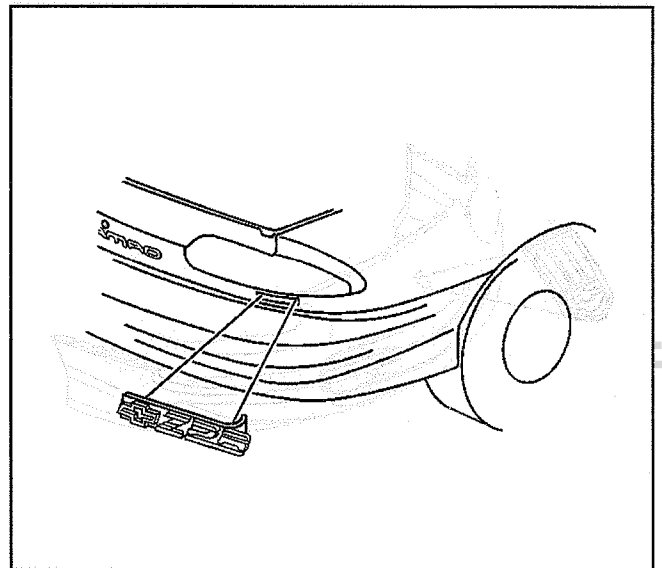


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Molding/Nameplate Replacement - Exterior Trim (Z28 Rear End Finish Panel)

Removal Procedure

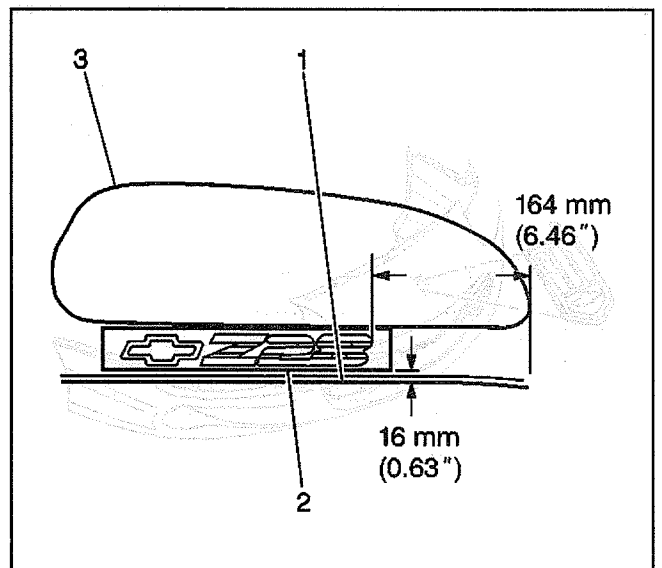
1. Mark the position of the emblem with a length of masking tape.
2. Remove the old emblem from the rear end finish panel.
3. Wash the rear fascia with soapy water and wipe dry.
4. Remove all traces of adhesive from the fascia using oil-free naphtha or alcohol.



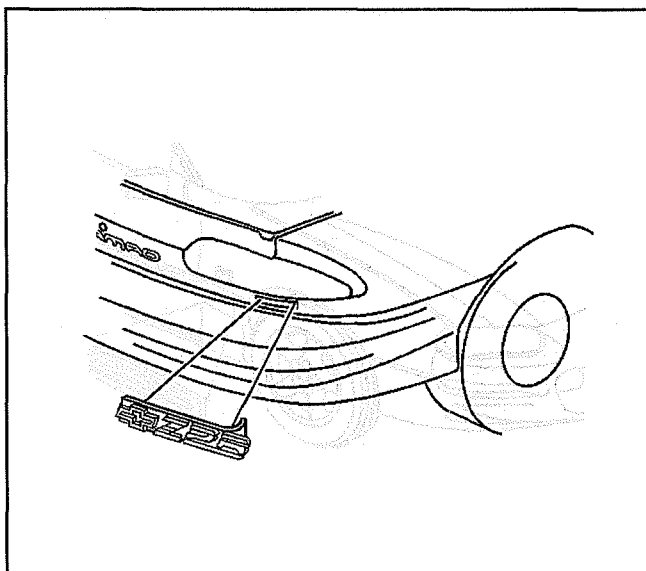
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Installation Procedure

1. Remove the backing paper from the emblem.
2. Measure 164.0 mm (6.46 in) from the outer edge of the taillight lens (3) to the edge of the emblem (2).
3. Measure 16.0 mm (.63 in) from the bottom edge of the rear end finish panel (1) to the bottom edge of the emblem (2).

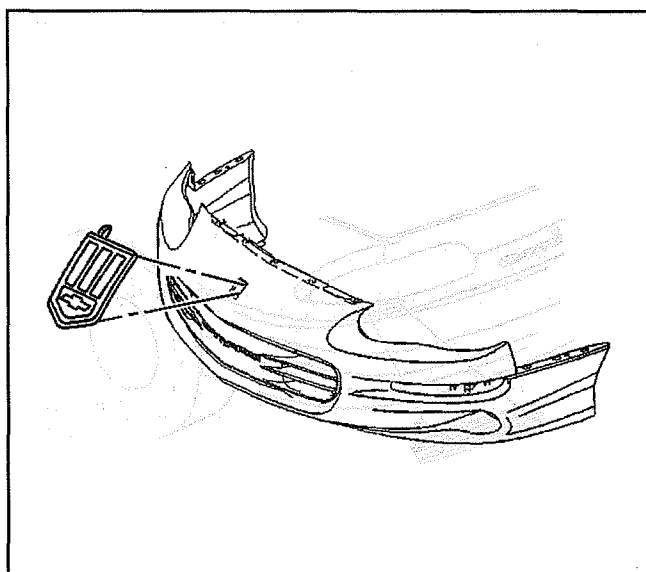


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4. Align the emblem to the tape guideline and press firmly in place.

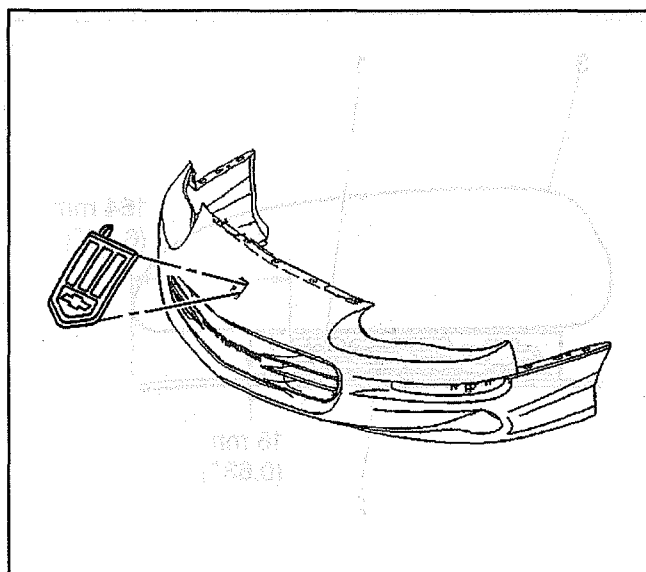


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Emblem Replacement - Front Bumper Fascia

Removal Procedure

1. Mark the position of the emblem with a length of masking tape.
2. Remove the old emblem from the fascia.
3. Wash the fascia with soapy water and wipe dry.
4. Remove all traces of adhesive from the fascia using an oil-free naphtha or alcohol.



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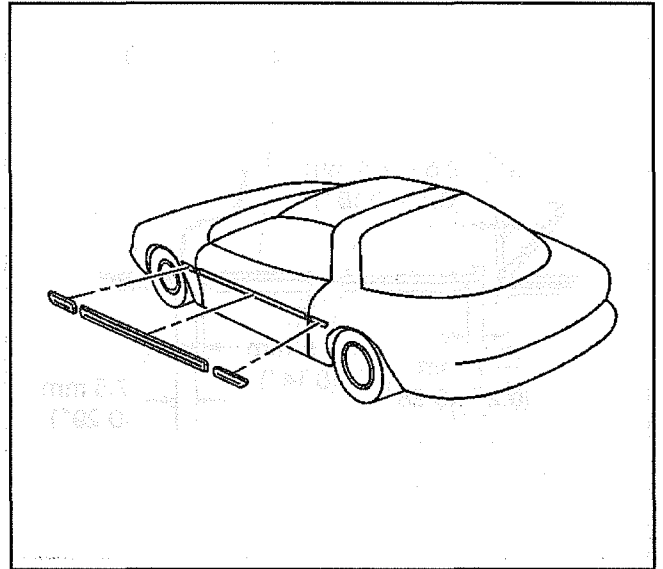
Installation Procedure

1. Remove the backing paper from the emblem.
2. Align the emblem to the tape guideline and press firmly in place.

3. Measure 16.0 mm (.63 in) from the bottom edge of the rear end finish panel (1) to the bottom edge of the emblem (2).

Molding Replacement - Front Fender Rear**Removal Procedure**

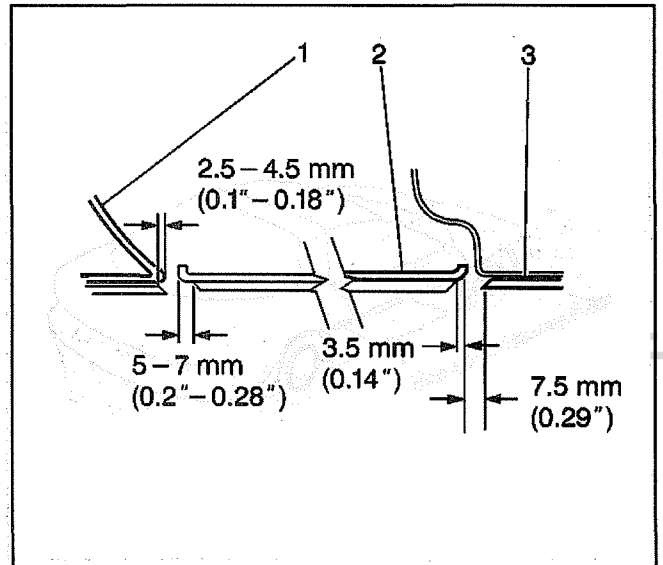
1. Remove the old molding from the fender.
2. Mark the position of the molding with a length of masking tape.
3. Wash the area with soapy water and wipe dry.
4. Remove all traces of adhesive using a oil-free naphtha or alcohol.



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Installation Procedure

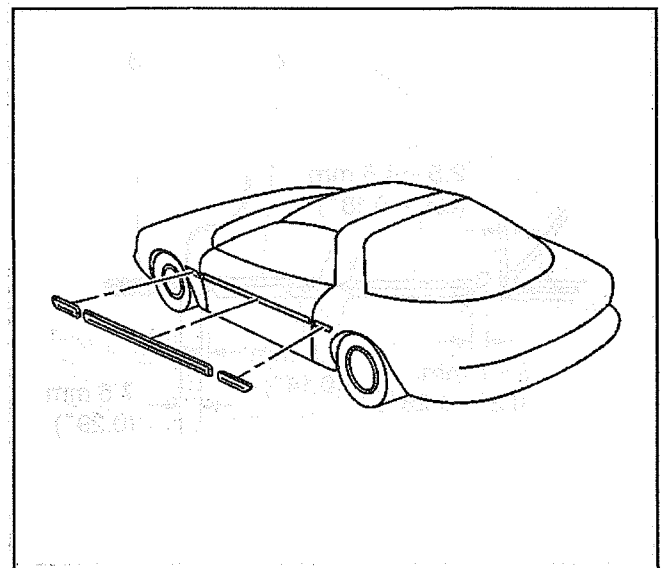
1. Remove the backing paper from the molding.
2. Measure 2.5–4.5 mm (0.1–0.18 in) from the rear edge of the fender (1) to the inside of the molding.
3. Align the molding to the guideline and press firmly in place.



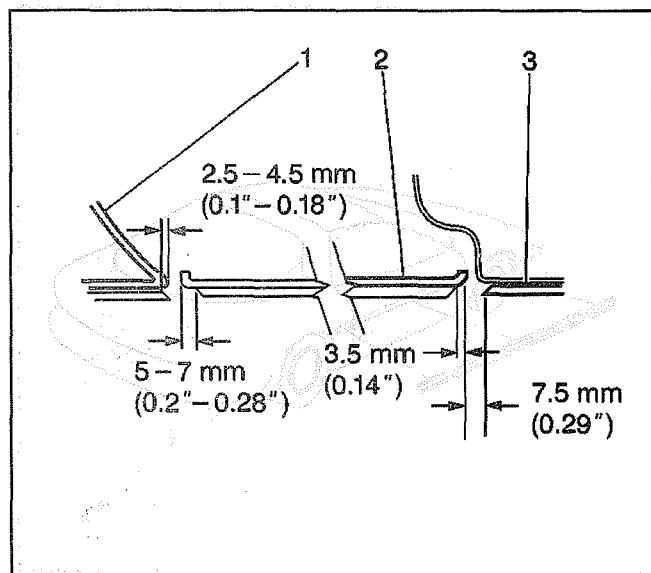
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Molding Replacement - Body Side Door**Removal Procedure**

1. Remove the old molding from the door.
2. Mark the position of the molding with a length of masking tape.
3. Wash the area with soapy water and wipe dry.
4. Remove all traces of adhesive from the door using a oil-free naphtha or alcohol.



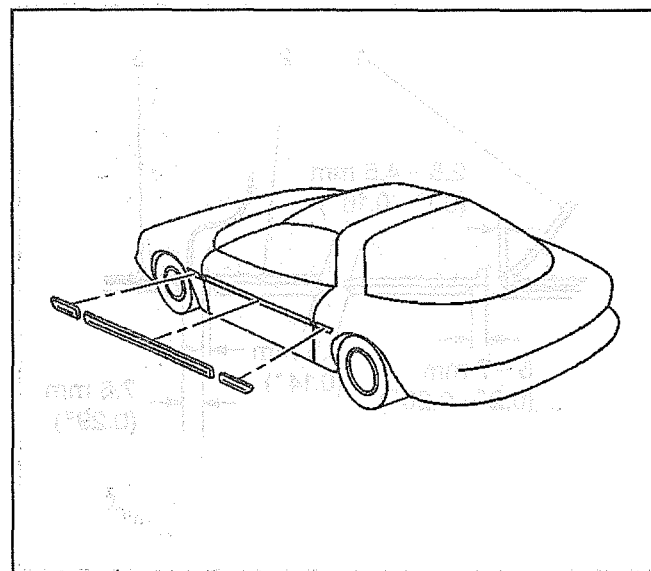
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Installation Procedure

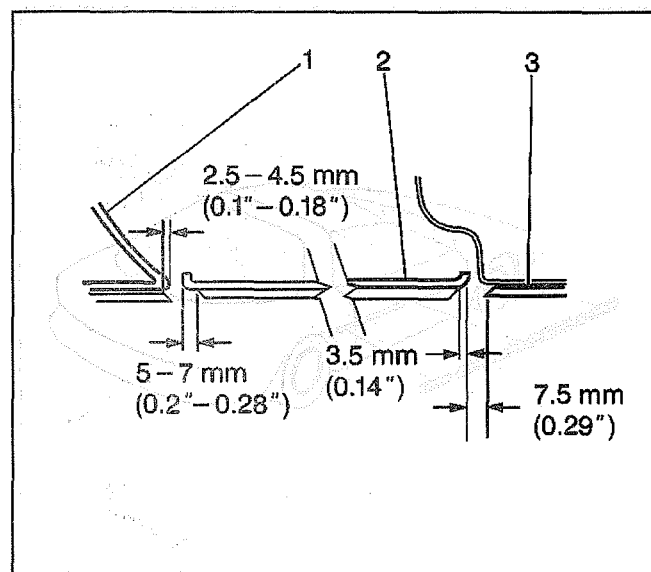
1. Remove the backing paper from the molding.
2. Measure 5.0–7.0 mm (0.2–0.28 in) from the front edge of the door (2) to the front edge of the molding.
3. Align the molding to the tape guideline and press firmly in place.



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Molding Replacement - Rear Quarter**Removal Procedure**

1. Remove the old molding from the rear quarter.
2. Mark the position of the molding with a length of masking tape.
3. Wash the area with soapy water and wipe dry.
4. Remove all traces of adhesive from the fender using an oil-free naphtha or alcohol.



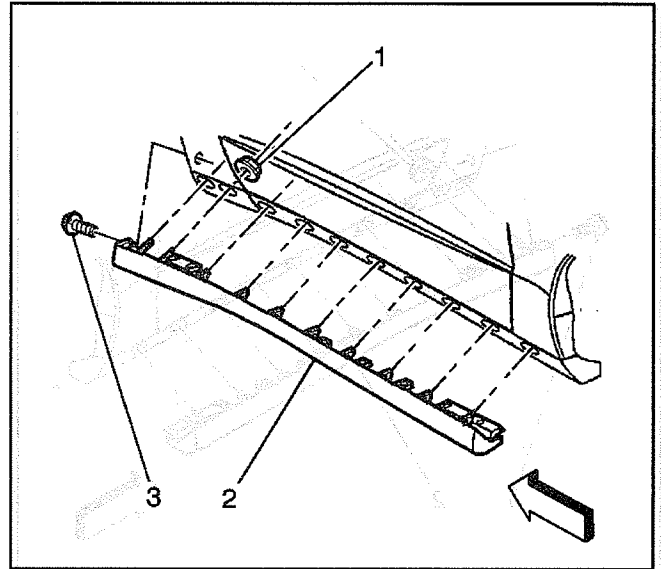
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Installation Procedure

1. Remove the backing paper from the emblem.
2. Measure 7.5 mm (0.29 in) from the rear edge of the door to the front edge of the rear molding (3).
3. Align the molding to the tape guideline and press firmly in place.

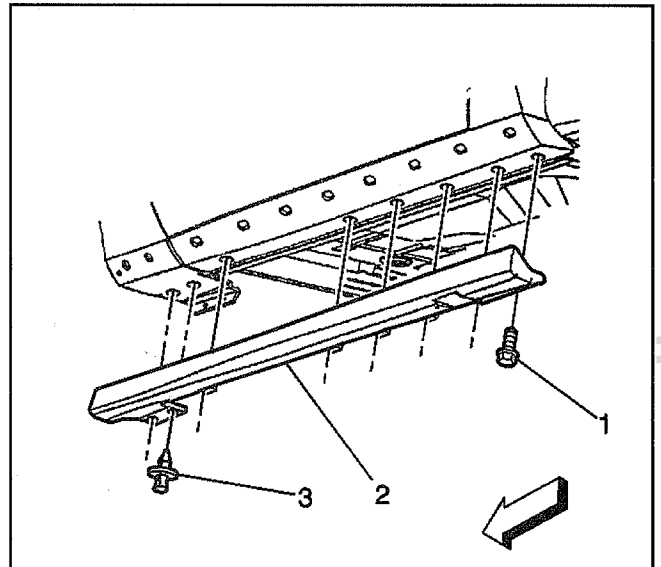
Molding Replacement - Rocker Panel**Removal Procedure**

1. Raise and suitably support the vehicle. Refer to *Lifting and Jacking the Vehicle* in General Information.
2. Remove the rear wheelhouse panel liner attachments.
Pull rear portion of liner away from fender.
3. Remove the rocker panel molding end retainer (3).
4. Remove the rocker panel molding retainer nuts (1).



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5. Remove the rocker panel molding lower retainers (3).
Pull the center knob out half way to remove the retainer.
6. Remove the rocker panel molding bolts (1).
7. Remove the rocker panel molding (2) from the vehicle.



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Installation Procedure

1. Install the rocker panel molding (2) to the vehicle.

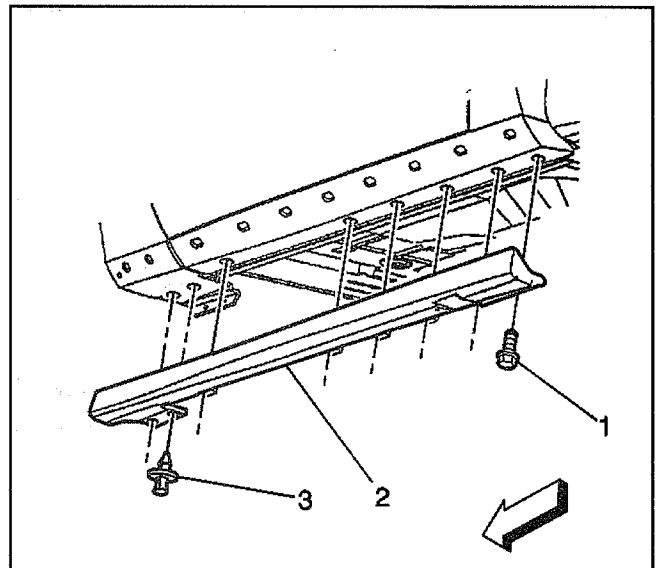
Notice: Refer to *Fastener Notice* in Cautions and Notices.

2. Install the rocker panel molding bolts (1).

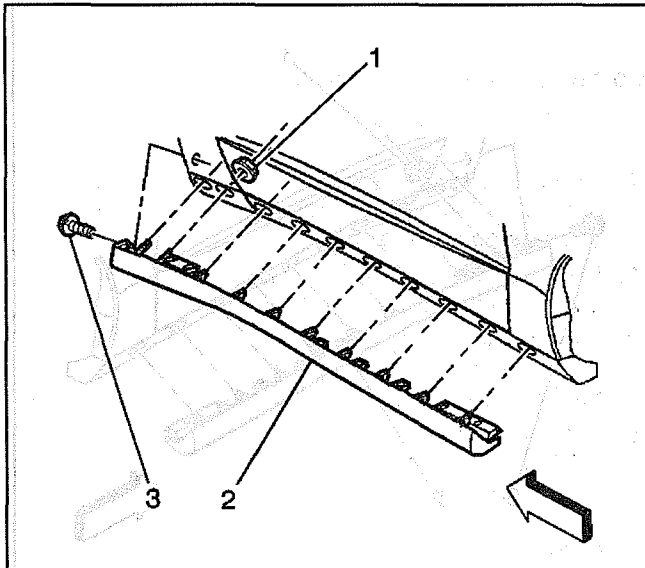
Tighten

Tighten the rocker panel molding bolts (1) to 1.5 N·m (13 lb in).

3. Install the rocker panel molding lower retainers (3).



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4. Install the rocker panel molding retainer nuts (1).

Tighten

Tighten the rocker panel molding nuts (1) to 6 N·m (53 lb in).

5. Install the rocker panel molding end retainer (3).
6. Install the rear wheelhouse panel liner attachments.
7. Lower the vehicle.

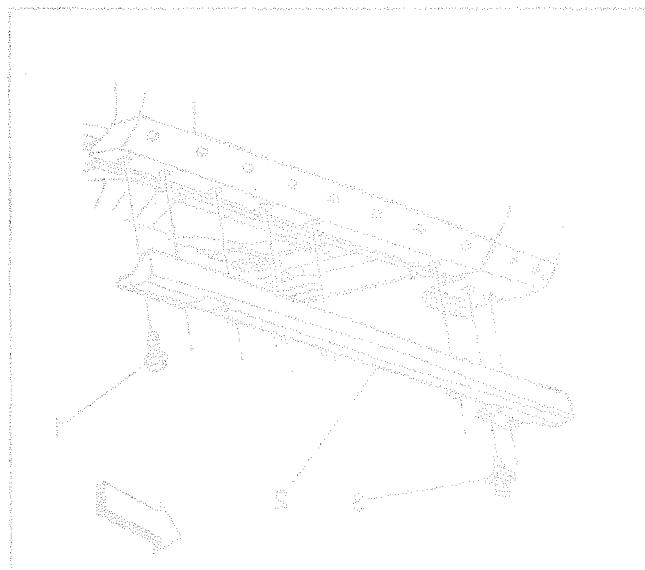
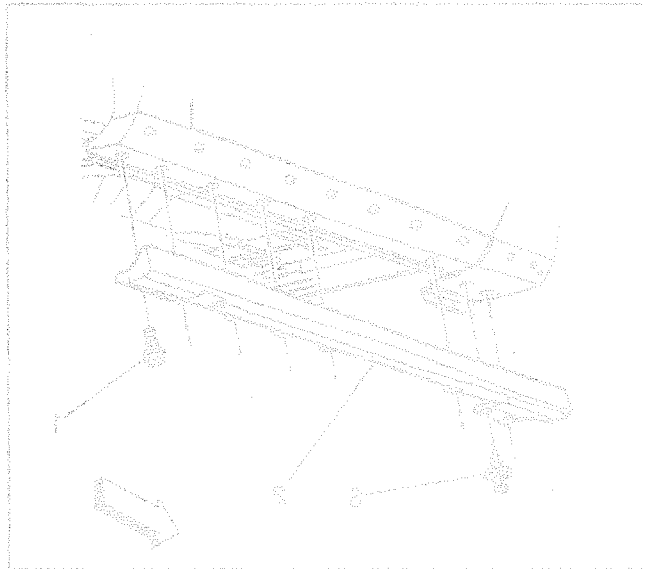
Weld Stud Replacement

If during a repair procedure, a weld stud becomes damaged, the following procedure may be used to replace the weld stud:

1. Drill a hole into the same location as the damaged weld stud.
2. Drive a screw into the drilled hole.
3. Use screws to retain clips and moldings in the same manner used with weld studs.
4. If the body surface becomes marred, repair and/or refinish to provide a smooth surface.

Washing and Waxing

1. Wash the vehicle in lukewarm or cold water.
2. Do not wash the vehicle in hot water.
3. Do not use strong soap or chemical detergents.
4. Flush all the cleaning agents from the surface while wet.
5. Apply body wax to the painted surfaces immediately after the vehicle has been cleaned. In order to ensure continuing protection of the finish, periods between applications should be short.



Description and Operation

Adhesive Retained Molding and Emblem Description

Securing Loose Moldings/Emblems

Moldings/emblems that are attached to body panels with adhesive tape require preparation prior to replacement. To ensure a good molding/emblem replacement, the panel surface should be warm, 21–32°C (70–90°F), clean and free of any wax or oily film.

Important: Care should be taken not to use any harsh chemicals when cleaning areas around the exterior lamps. Suggested cleaners are a mild soap and water solution, 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.

1. Wash the affected area with soap and water. wipe the panel and adhesive side of the molding/emblem with a clean cloth using oil-free naptha or alcohol.
2. If the molding/emblem has pulled loose from the adhesive backing do not remove the tape from the body.
3. Clean the back of the molding/emblem and tape on the body with oil-free naptha or alcohol.
4. To be certain that the molding/emblem is straight, masking tape may be applied as a guide.
5. Apply Loctite® 414 adhesive GM P/N 12345093 or equivalent to the back of the molding/emblem and press into place.
6. Apply constant pressure to the molding/emblem for 30 seconds or until a firm bond has been made.

Molding/Emblem Replacement

1. Wash affected panel area with soap and water and wipe dry.
2. Remove all traces of adhesive from the body panel and back of the molding/emblem using a oil-free naptha or alcohol.
3. Mark the proper position of the molding/emblem with a length of masking tape as a guide.
4. If the vehicle body is below 21°C (70°F) due to shop temperature or outside temperature, warm the body panel with a heat gun before proceeding.
5. Apply a double-coated acrylic foam tape such as 3M Super Automotive Attachment Tape P/N 06380 (which has a white backing) or 06382 (which has a black backing) or equivalent, to the molding/emblem.
6. Align the molding/emblem to the tape guideline and press firmly in place.

1. Park the vehicle on a flat surface.
2. Inspect the fit of the door glass to the weatherstrips.
3. Inspect the fit of the removable roof panel, if equipped to the body.
4. Inspect the fit of the convertible top, if equipped to the body.
5. Inspect the joint of the roof side weatherstrip to the A-pillar and the B-pillar weatherstrip.
6. Inspect the windshield weatherstrip.
7. Perform a generalized water test using a test stand this is necessary to determine where to perform a localized test.

- The water leak test procedure has been correlated to the natural elements and will determine the ability of a vehicle to perform under normal operating conditions.
- The first step in diagnosing a leak is determining the conditions under which a leak occurs. If the general leak area can be found, the exact entry point can be isolated using a water hose or air hose. Some trim panels or components may need to be removed in order to repair the leak.
- A leak around a door, a rear lift window, or a roof lift off panel does not necessarily indicate a bad weatherstrip. An adjustment of a door, a door window, a rear lift window panel, or a roof lift off panel, may resolve the condition.
- The design criteria for sealing materials and components takes into consideration the sealing forces required to withstand the natural elements. These specifications cannot take into consideration all critical conditions such as high pressure car washes.
- GM vehicles are designed to operate under normal environmental conditions.
- The design criteria for sealing materials and components takes into consideration the sealing forces required to withstand the natural elements. These specifications cannot take into consideration all critical conditions such as high pressure car washes.