

2002 ACCESSORIES & EQUIPMENT

Exterior Trim - Corvette

REPAIR INSTRUCTIONS

EMBLEM/NAMEPLATE REPLACEMENT - FRONT FENDER

Tools Required

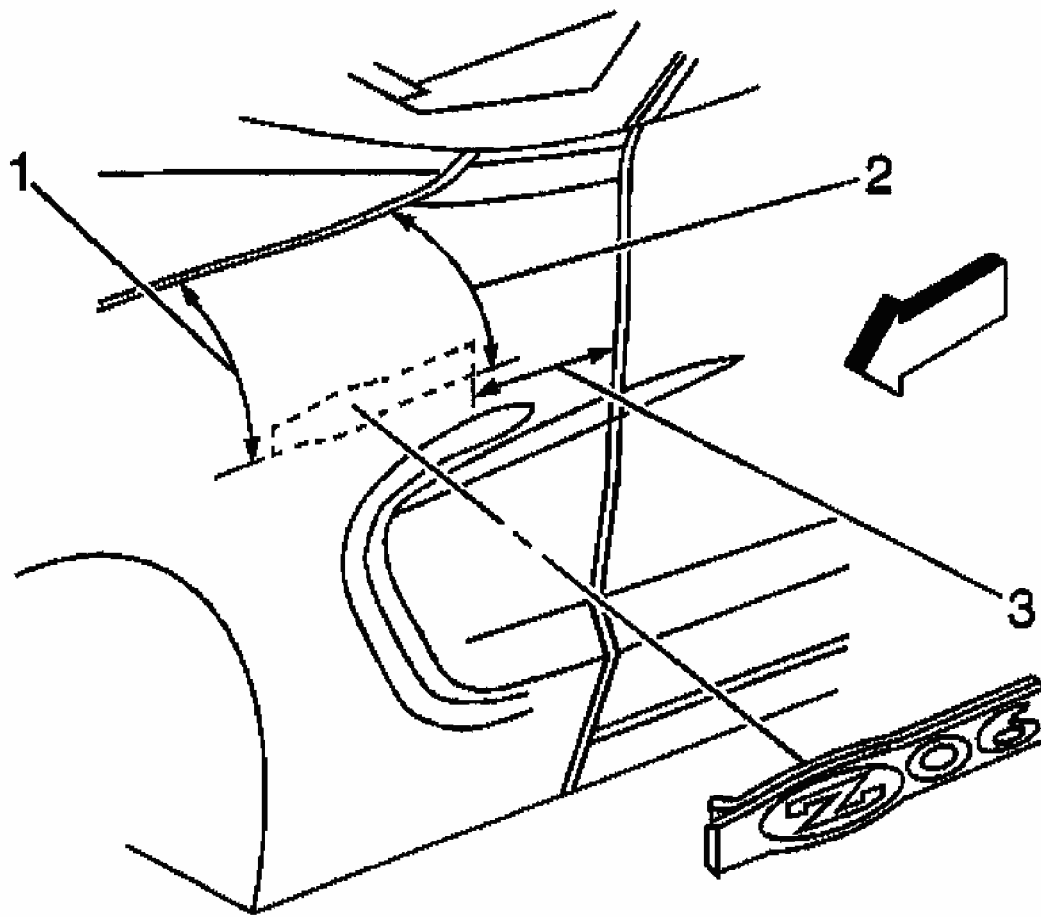
J 25070 Heat Gun

Removal Procedure

1. When replacing an emblem/nameplate, do the following:
 - 1.1. Use tape to protect the mounting surface during removal.
 - 1.2. Use tape for alignment marks for installation of the emblem/nameplate.
2. To remove an emblem/nameplate, heat the emblem/nameplate using a **J 25070**.
3. Apply the heat using a circular motion for about 30 seconds holding the **J 25070** approximately 152 mm (6 in) from the surface.

CAUTION: Refer to EXTERIOR TRIM EMBLEM REMOVAL NOTICE .

4. Use a plastic, flat-bladed tool to remove the emblem/nameplate from the panel surface.



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Fig. 1: Removing Emblem/Nameplate
Courtesy of GENERAL MOTORS CORP.

Installation Procedure

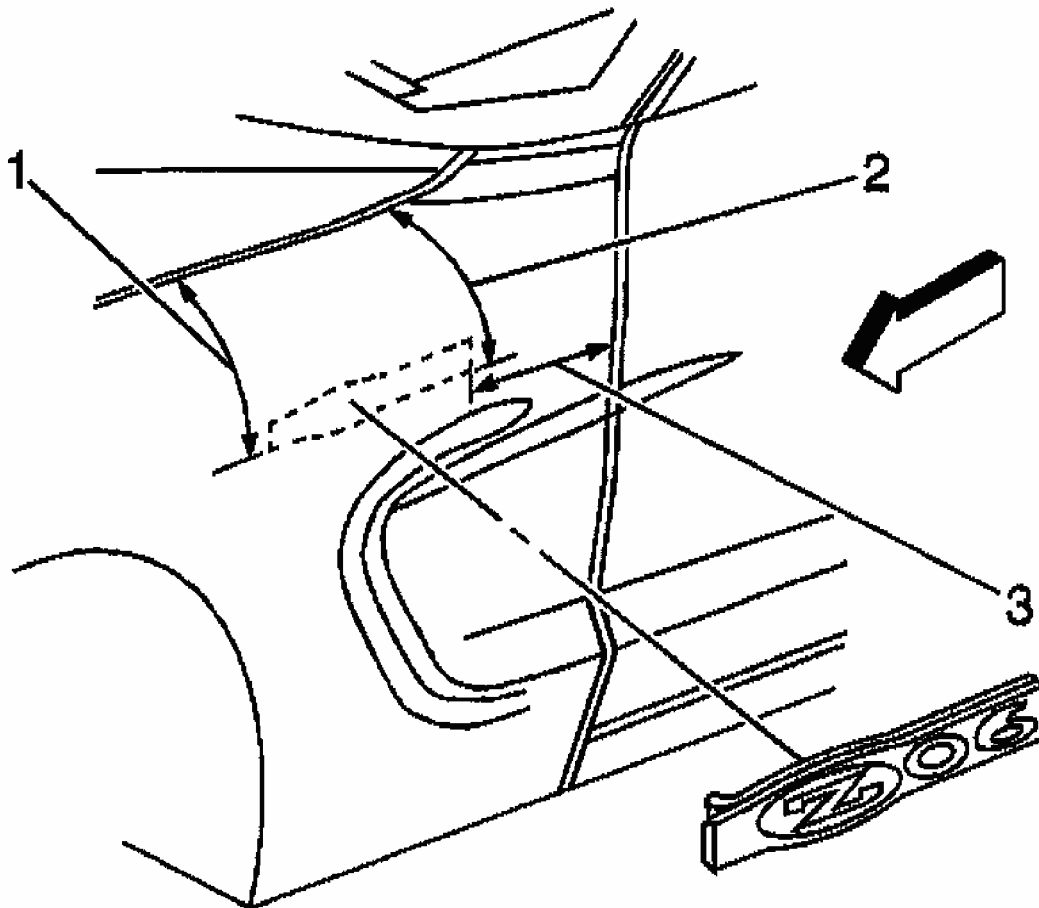
Important: Apply the emblem/nameplate in an environment that is free from dust or other dirt that could come into contact with the sticky backing. Foreign material may cause improper adhesion.

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

Use a lint free cloth and Varnish Makers and Painters (VMP) naphtha or a, 50/50 mixture, by volume of isopropyl alcohol and water to clean the area.

2. Dry the area thoroughly.
3. If the location of the emblem/nameplate has not been marked, apply tape and use the following dimensions:

4. For the ZO6 emblem/nameplate, install to the following dimensions:
 - Dimension (1) is 216.5 mm (8.50 in) from the top edge of the fender to the bottom of the emblem/nameplate.
 - Dimension (2) is 212.74 mm (8.40 in) from the top edge of the fender to the bottom of the emblem/nameplate.
 - Dimension (3) is 158.51 mm (6.24 in) from the rear edge of the fender to the back of the emblem/nameplate.
5. Heat the mounting surface to approximately 27-41°C (80-105°F) using the **J 25070**, if necessary.
6. Ensure that the temperature of the emblem/nameplate is approximately 29-32°C (85-90°F).



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Fig. 2: Installing Emblem/Nameplate
Courtesy of GENERAL MOTORS CORP.

2002 Chevrolet Corvette

2002 ACCESSORIES & EQUIPMENT Exterior Trim - Corvette

Important: Do not touch the adhesive backing on the emblem/nameplate.

7. Remove the protective liner from the back of the emblem/nameplate.
8. Position the emblem/nameplate to the location marks and press the emblem/nameplate to the mounting surface.
9. Apply equal pressure along the emblem/nameplate to uniformly bond the item to the mounting surface.
10. Remove the protective tape from the mounting surface.

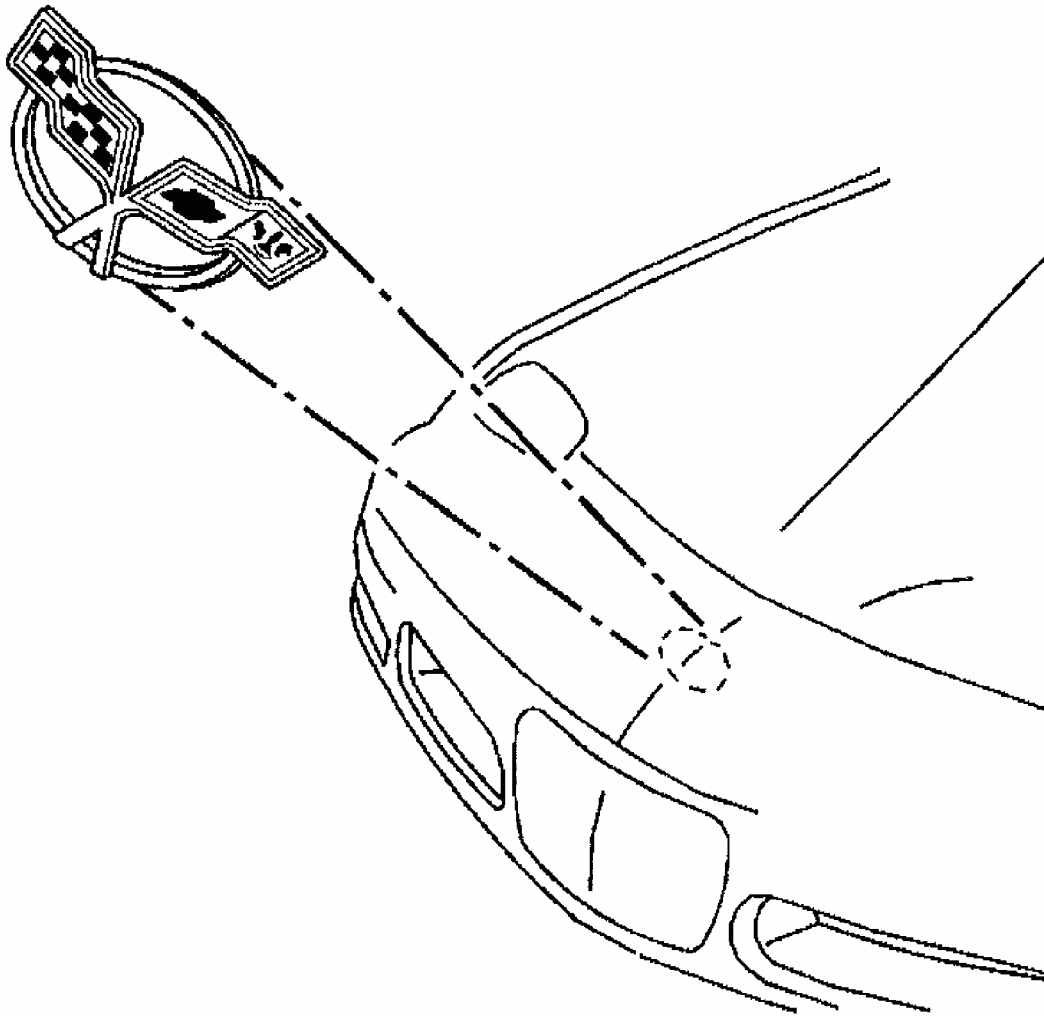
EMBLEM REPLACEMENT - FRONT BUMPER FASCIA

Tools Required

J 25070 Heat Gun

Removal Procedure

1. When replacing an emblem/nameplate, do the following:
 - 1.1. Use tape to protect the mounting surface during removal.
 - 1.2. Use tape for alignment marks for installation of the emblem/nameplate.
2. To remove an emblem/nameplate, heat the emblem/nameplate using a **J 25070**.
3. Apply the heat using a circular motion for about 30 seconds holding the **J 25070** approximately 152 mm (6 in) from the surface.



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Fig. 3: Identifying Front Bumper Fascia Emblem
Courtesy of GENERAL MOTORS CORP.

CAUTION: Refer to EXTERIOR TRIM EMBLEM REMOVAL NOTICE .

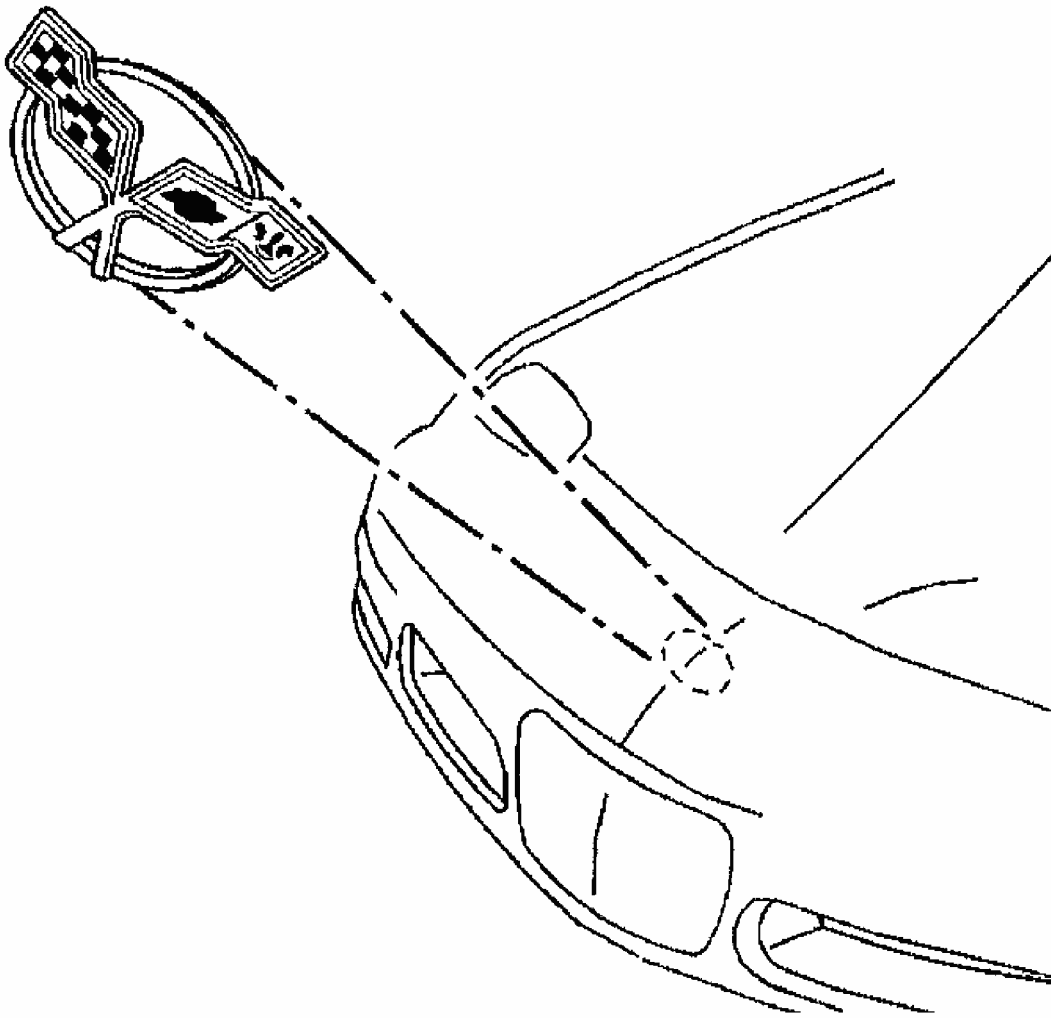
4. Use a plastic, flat-bladed tool to remove the emblem/nameplate from the panel surface.

Installation Procedure

1. Heat the mounting surface to approximately 27-41°C (80-105°F) using the **J 25070**, if necessary.
2. Ensure that the temperature of the emblem/nameplate is approximately 29-32°C (85-90°F).

Important: Do not touch the adhesive backing on the emblem/nameplate.

3. Remove the protective liner from the back of the emblem/nameplate.
4. Install the emblem to the locator holes in the fascia.
5. Apply equal pressure along the emblem/nameplate to uniformly bond the item to the mounting surface.
6. Remove the protective tape from the mounting surface.



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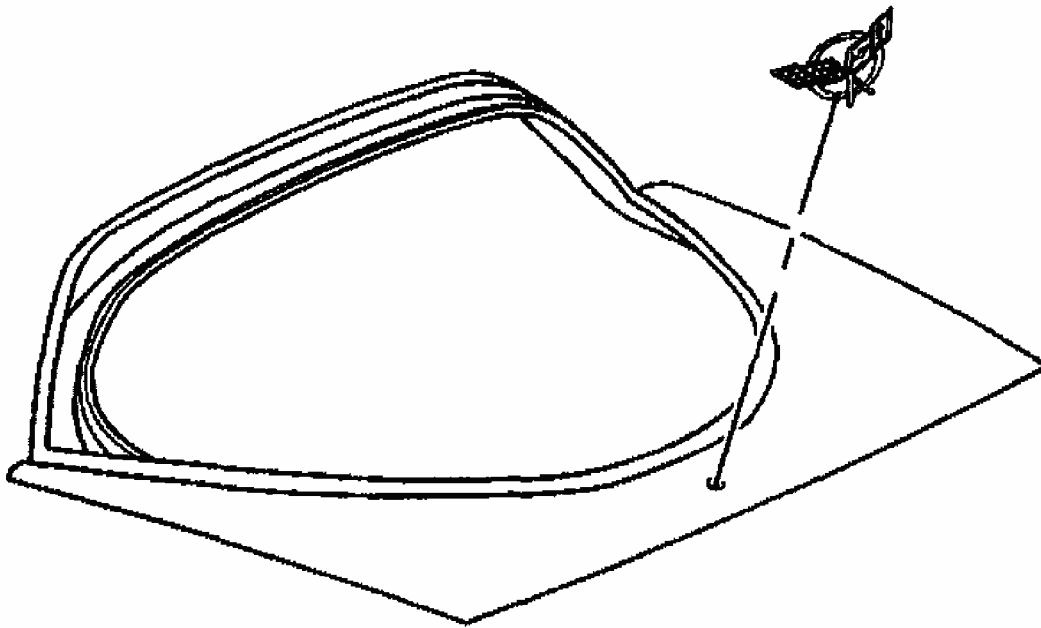
Fig. 4: Identifying Front Bumper Fascia Emblem
Courtesy of GENERAL MOTORS CORP.

EMBLEM REPLACEMENT - REAR LIFT WINDOW PANEL

Tools Required

J 25070 Heat Gun**Removal Procedure**

1. When replacing an emblem/nameplate, do the following:
 - 1.1. Use tape to protect the mounting surface during removal.
 - 1.2. Use tape for alignment marks for installation of the emblem/nameplate.
2. To remove an emblem/nameplate, heat the emblem/nameplate using a **J 25070**.
3. Apply the heat using a circular motion for about 30 seconds holding the **J 25070** approximately 152 mm (6 in) from the surface.



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Fig. 5: Identifying Rear Lift Window Panel Emblem
Courtesy of GENERAL MOTORS CORP.

CAUTION: Refer to EXTERIOR TRIM EMBLEM REMOVAL NOTICE .

4. Use a plastic, flat-bladed tool to remove the emblem/nameplate from the panel surface.

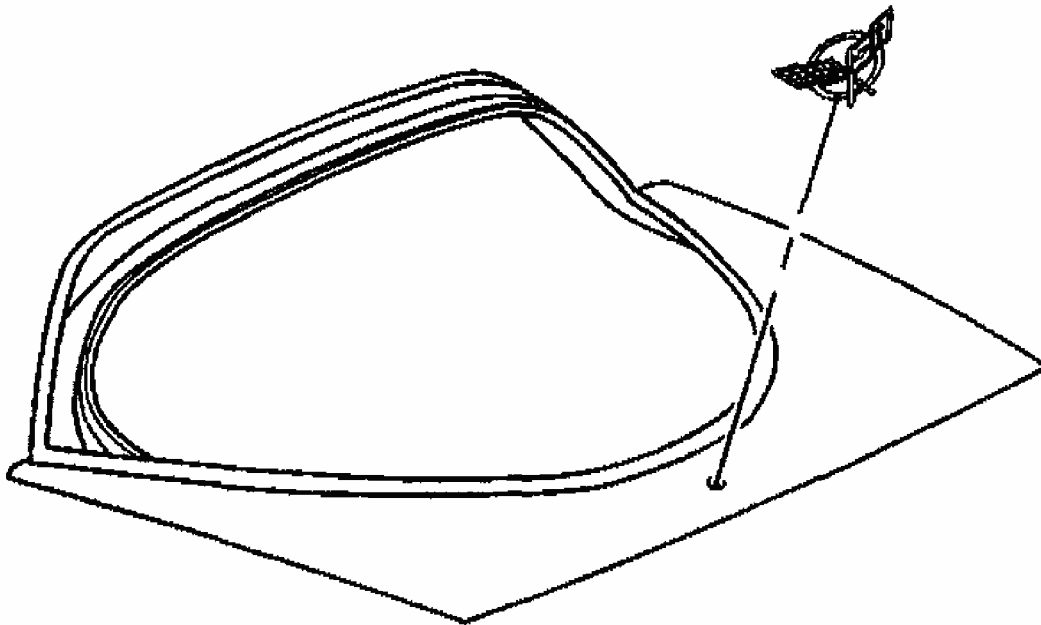
Installation Procedure

1. Heat the mounting surface to approximately 27-41°C (80-105°F) using the **J 25070**, if necessary.

2. Ensure that the temperature of the emblem/nameplate is approximately 29-32°C (85-90°F).

Important: Do not touch the adhesive backing on the emblem/nameplate.

3. Remove the protective liner from the back of the emblem/nameplate.
4. Position the emblem:
 - Centered to the centerline of the vehicle
 - 37 mm (1.5 in) forward of the rear edge of the lift window panel
5. Apply equal pressure along the emblem/nameplate to bond the item to the mounting surface.
6. Remove the protective tape from the mounting surface.



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Fig. 6: Identifying Rear Lift Window Panel Emblem
Courtesy of GENERAL MOTORS CORP.

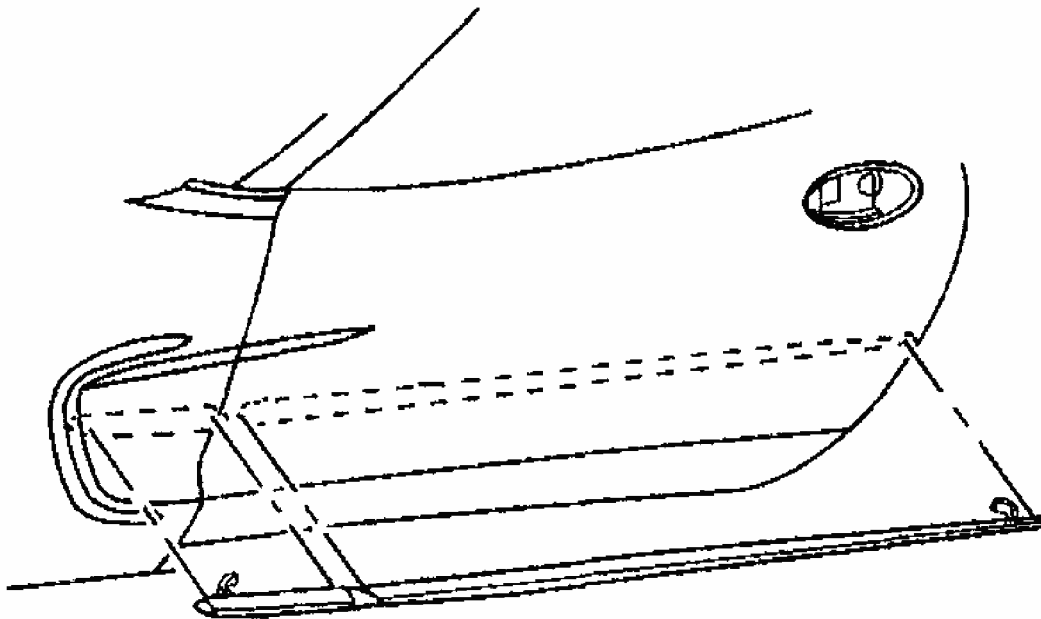
MOLDING REPLACEMENT - FRONT FENDER BODY SIDE

Tools Required

J 25070 Heat Gun

Removal Procedure

1. When replacing a body side molding, do the following:
 - 1.1. Use tape to protect the mounting surface during removal.
 - 1.2. Use tape for alignment marks for installation of the body side molding.
2. To remove a body side molding, heat the body side molding using a **J 25070**.
3. Apply the heat using a circular motion for about 30 seconds holding the **J 25070** approximately 152 mm (6 in) from the surface.



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Fig. 7: Removing Front Fender Body Side Molding
Courtesy of GENERAL MOTORS CORP.

CAUTION: Refer to EXTERIOR TRIM EMBLEM REMOVAL NOTICE .

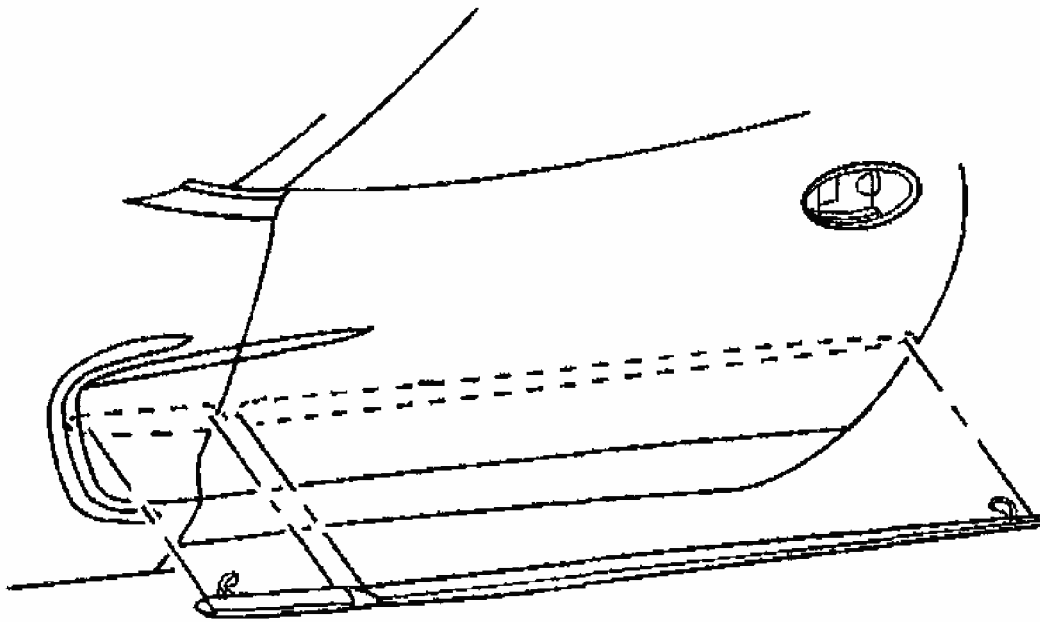
4. Use a plastic, flat-bladed tool to remove the body side molding from the panel surface.

Installation Procedure

1. Heat the mounting surface to approximately 27-41°C (80-105°F) using the **J 25070**, if necessary.
2. Ensure that the temperature of the body side molding is approximately 29-32°C (85-90°F).

Important: Do not touch the adhesive backing on the body side molding.

3. Remove the protective liner from the back of the body side molding.
4. Position the molding to the following dimensions.
 - Forward of the rear edge of the fender 3 mm (0.1 in)
 - In line with the door molding
5. Apply equal pressure along the body side molding to uniformly bond the item to the mounting surface.
6. Remove the protective tape from the mounting surface.



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Fig. 8: Installing Front Fender Body Side Molding
Courtesy of GENERAL MOTORS CORP.

MOLDING REPLACEMENT - DOOR BODY SIDE

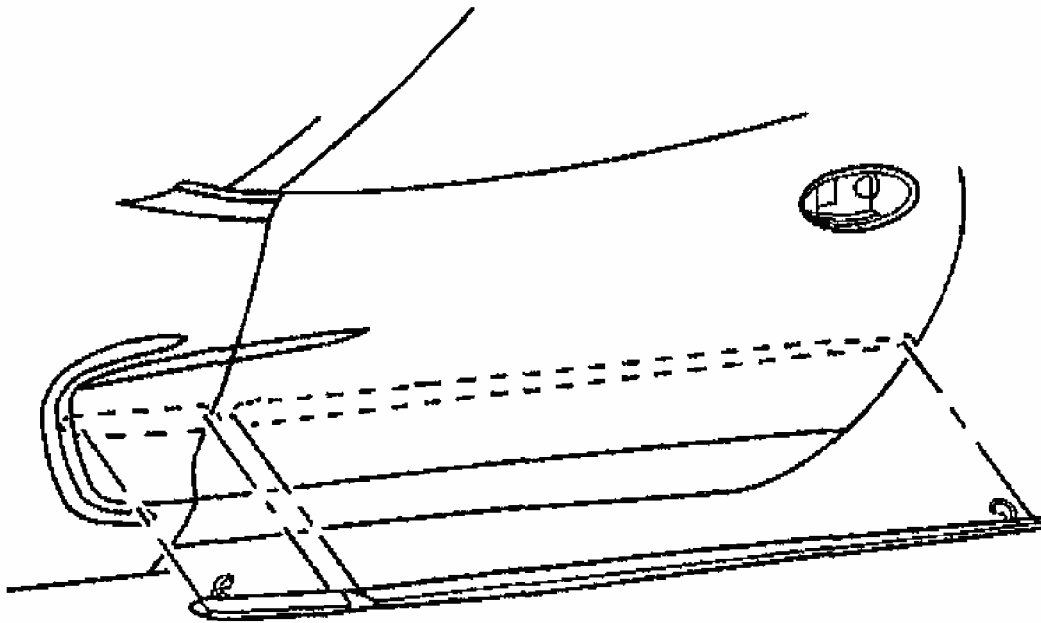
Tools Required

J 25070 Heat Gun

Removal Procedure

1. When replacing a body side molding, do the following:
 - 1.1. Use tape to protect the mounting surface during removal.
 - 1.2. Use tape for alignment marks for installation of the body side molding.

2. To remove a body side molding, heat the body side molding using a **J 25070**.
3. Apply the heat using a circular motion for about 30 seconds holding the **J 25070** approximately 152 mm (6 in) from the surface.



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Fig. 9: Removing Door Body Side Molding
Courtesy of GENERAL MOTORS CORP.

CAUTION: Refer to EXTERIOR TRIM EMBLEM REMOVAL NOTICE .

4. Use a plastic, flat-bladed tool to remove the body side molding from the panel surface.

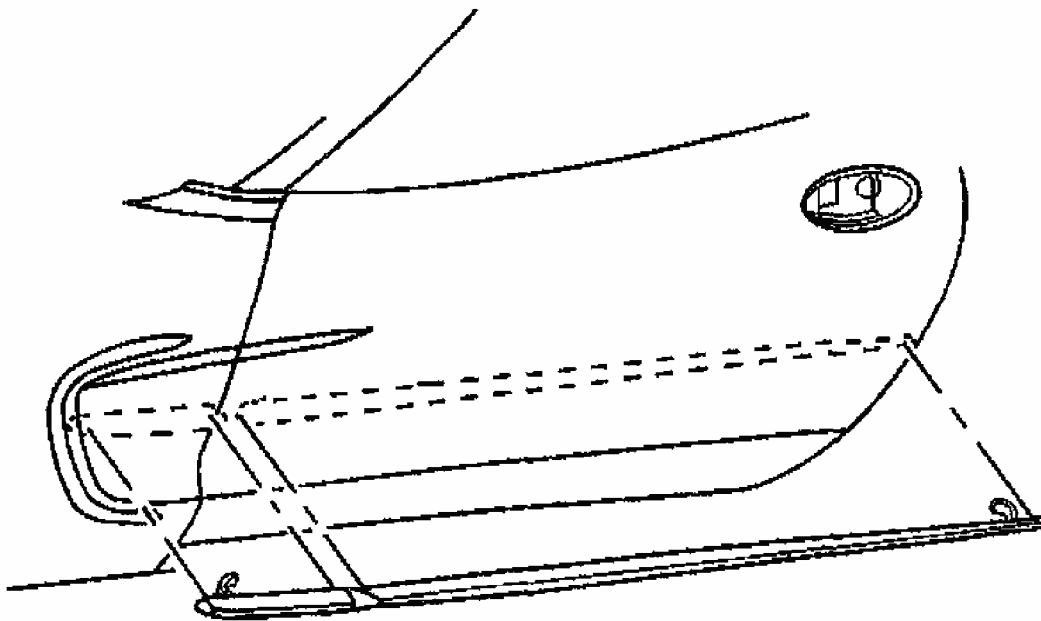
Installation Procedure

1. Heat the mounting surface to approximately 27-41°C (80-105°F) using the **J 25070**, if necessary.
2. Ensure that the temperature of the body side molding is approximately 29-32°C (85-90°F).

Important: Do not touch the adhesive backing on the body side molding.

3. Remove the protective liner from the back of the body side molding.
4. Position the molding to the following dimensions.

- The distance between the forward upper edge of the fender down to the top of the molding is 335 mm (13.2 in).
 - The distance between the bottom of the door handle key hole opening down to the top of the molding is 195 mm (7.8 in).
 - The front edge of the molding is positioned 5 mm (0.20 in) rearward of the front edge of the door.
5. Apply equal pressure along the body side molding to uniformly bond the item to the mounting surface.
 6. Remove the protective tape from the mounting surface.



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Fig. 10: Installing Door Body Side Molding
Courtesy of GENERAL MOTORS CORP.

DECAL & STRIPE REPLACEMENT

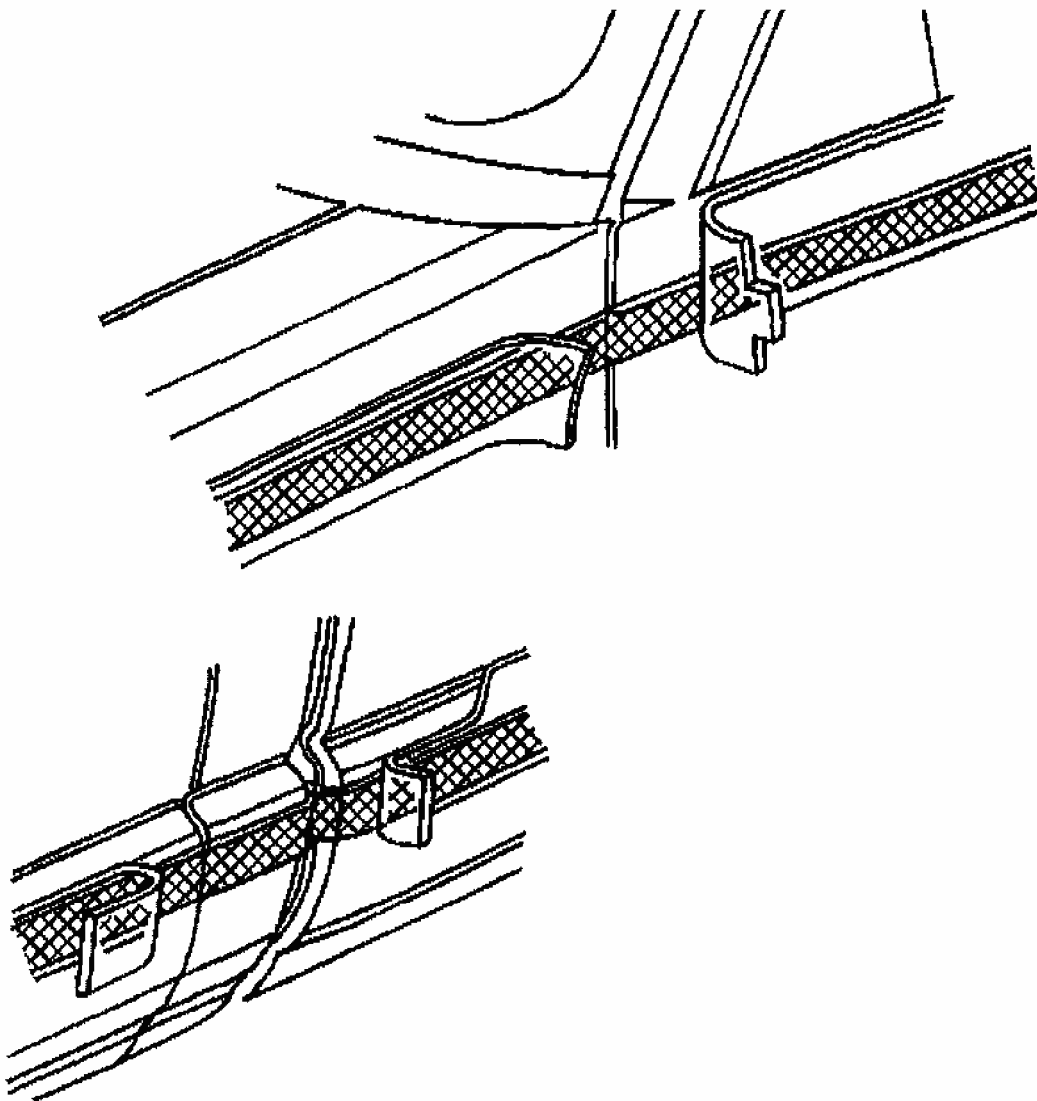
Tools Required

J 25070 Heat Gun

Removal Procedure

Important: Stripes and decals adhere to a painted surface using pressure sensitive adhesive. The use of a wetting solution aids the technician in lifting and positioning the stripe or decal

during installation. A wetting solution also ensures a better bond between stripe or decal and panel. Stripe or decal replacement involving collision damage, or damage to underlying painted surface, requires that metal repair and/or refinish operations be completed before the stripe or decal is installed. 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. The striping material highlights vehicle surface imperfection. All dings, rough metal, paint defects and uneven two-tone paint break lines must be eliminated before stripe/decal application can take place.



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Fig. 11: Removing Decals & Stripes Backing Material
Courtesy of GENERAL MOTORS CORP.

2002 Chevrolet Corvette

2002 ACCESSORIES & EQUIPMENT Exterior Trim - Corvette

- Maintain body surfaces and decals between 21-38°C (70-100°F) during installation.
- Never apply decals when the body surface and decal temperatures are below 21°C (70°F).
- You may apply stripes and decals dry. If this does not result in a consistent bubble free application, use the wet method, as in the case of large graphics packages.
- Use the wet method when you apply stripes or decals on flexible surfaces, such as fascias. This will reduce the formation of bubbles under the decal due to the outgassing potential of the flexible materials.

Equipment & Materials

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

- Heat Gun
- Wetting solution - a foaming type window cleaner, that does not contain ammonia
- Isopropyl alcohol
- Varnish Makers and Painters (VM&P) naphtha
- Squeegee - 100 mm (4 in) wide, plastic or hard rubber

Deburr any sharp or rough edges on the squeegee to prevent scratching of the stripe or decal.

- Water bucket and sponge or spray bottle
- Sandpaper - 800 grit or finer, wet or dry type
- Clean, lint-free wiping cloth
- Sharp knife or razor blade
- Scissors
- Fine pin or needle
- Marking pencil

1. Remove the necessary molding or trim panel.
2. Remove the molding attaching clips, handles, sidemarker reflector, and/or other stripe or decal overlapping parts.
3. Wash and clean repair surfaces, adjacent panel, and openings as required.

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

4. Remove the stripe or decal from body panel using a plastic, flat bladed tool.

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.

5. Remove all traces of adhesive residue from painted surfaces with a Varnish Makers and Painters (VM&P) naphtha.

Installation Procedure

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

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 strip 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

1. Prepare the surface. If the area of application has been refinished, remove any imperfections that would show through the stripe or decal.

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

2. Clean the painted surface with Varnish Makers and Painters (VM&P) naphtha.
3. Clean the area where you will apply the stripe or decal with a 50/50 mixture of isopropyl alcohol and water.
4. Wipe the panel surface with a clean cloth while the solvent is still wet and allow the solvent to dry.
5. Apply the wetting solution to the area where you will install the stripe or decal.
6. Remove the backing material of the stripe or the decal as necessary.

Do not touch the adhesive backing of the stripes or the decal.

7. Put the wetting solution on the adhesive side of the stripe or the decal.

2002 Chevrolet Corvette

2002 ACCESSORIES & EQUIPMENT Exterior Trim - Corvette

The wetting solution will allow movement of the stripe or the decal for proper positioning.

8. Apply the stripe or the decal to the panel.
9. Working from the center where possible, squeegee the stripe or the decal into position.

You may need to apply additional wetting solution in order to ease the installation of the stripe or the decal. A soapy wetting solution on the top side of the stripe or the decal will ease the pull of the squeegee.

10. Apply heat to the stripe or decal at the recessed areas.

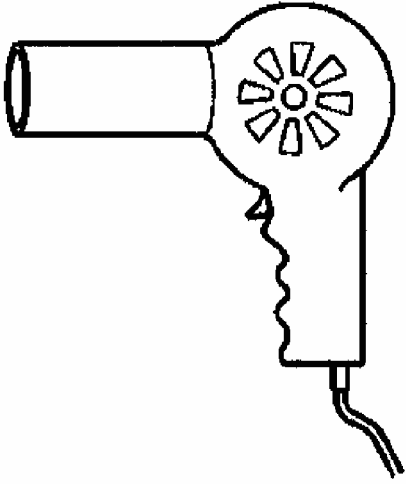
Press the stripe or the decal into the recess in order to obtain a firm bond.

11. Inspect the stripe or the decal from a critical angle using adequate light reflection in order to detect any irregularities that may have developed during installation.
12. Remove all air bubbles by piercing with a safety pin, a needle, or a tool with same size piercing tip.
 - Pierce the bubble on its outer edge and force air out from the opposite edge with the blade of the squeegee.
 - Never use a razor blade or a knife edge.
13. Install all previously removed parts.
14. Clean the panel as required.

SPECIAL TOOLS & EQUIPMENT

2002 Chevrolet Corvette

2002 ACCESSORIES & EQUIPMENT Exterior Trim - Corvette

Illustration	Tool Number/ Description
	J 25070 Heat Gun

G01733338

Fig. 12: Special Tools & Equipment
Courtesy of GENERAL MOTORS CORP.