

ACCESSORIES & EQUIPMENT

Exterior Trim - CTS Coupe & Wagon

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Fastener Tightening Specifications

Application	Specification	
	Metric	English
License Plate Pocket Screw	2.5 N.m	22 lb in
Liftgate Center Applique Nut	7 N.m	62 lb in
Liftgate Center Applique Screw	2.5 N.m	22 lb in
Liftgate Upper Applique Nut	9 N.m	80 lb in
Rear Compartment Lid Latch Pocket Screw	2.5 N.m	22 lb in
Rear Compartment Lid Lower Trim Nut-Sedan, Coupe	7 N.m	62 lb in
Rear License Plate Pocket Screw	2.5 N.m	22 lb in
Quarter Panel Upper Rear Molding Screw-Wagon	1.5 N.m	13 lb in

REPAIR INSTRUCTIONS

BODY PANEL PAINT PROTECTOR REPLACEMENT (VGC)

1. The paint protective film and vehicle surface temperature should be 13-32°C (55-90°F) for best results.
2. Automatic car washes should be avoided for at least 24 hours after the paint protective film application.
3. Wipe the vehicle surface with isopropyl alcohol or flash naptha at the application area.
4. Dry the surface with a clean lint-free cloth.
5. Create a mixture of 25 percent isopropyl alcohol and 75 percent water and two drops of baby shampoo per 16 oz of fluid mixture.
6. Remove the backing liner from the protective film patch.
7. Use the solution to liberally spray the adhesive side of the protective patch, the mounting location along with your hands.
8. Position the paint protective film patch to the desired location on the vehicle.
9. Spray the surface of the film with the alcohol, water and soap solution.
10. Using a dampened squeegee, start at the center of the protective patch, working outward in order to remove the air and solution from under the protective patch.
11. Release any air bubbles with a pin.
12. Dry the surface with a clean, lint-free cotton cloth.

DOOR LATCH RELEASE ACTUATOR BEZEL REPLACEMENT (COUPE)

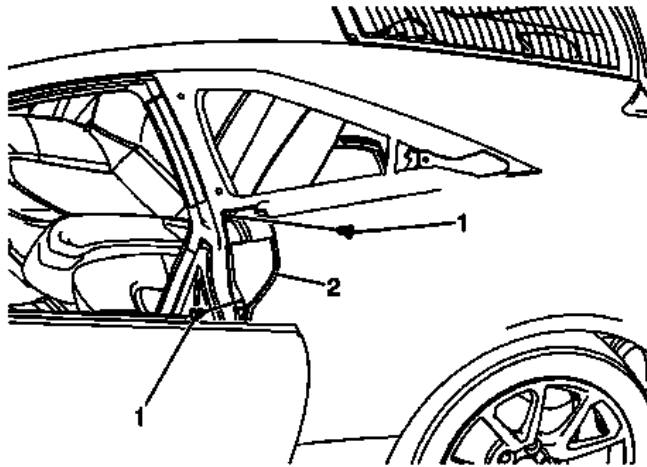


Fig. 1: Door Latch Release Actuator Bezel & Retainers (Coupe)
 Courtesy of GENERAL MOTORS COMPANY

Door Latch Release Actuator Bezel Replacement (Coupe)

Callout	Component Name
Preliminary Procedures	
1. Open the door on the side the door latch release actuator bezel is being serviced. 2. Remove the quarter window. Refer to <u>Quarter Window Replacement (Coupe)</u> .	
1	Door Latch Release Actuator Bezel Retainer (Qty: 2)
2	Door Latch Release Actuator Bezel Procedure Remove the door latch release actuator bezel from the door opening bodyside.

FRONT DOOR FRAME APPLIQUE REPLACEMENT

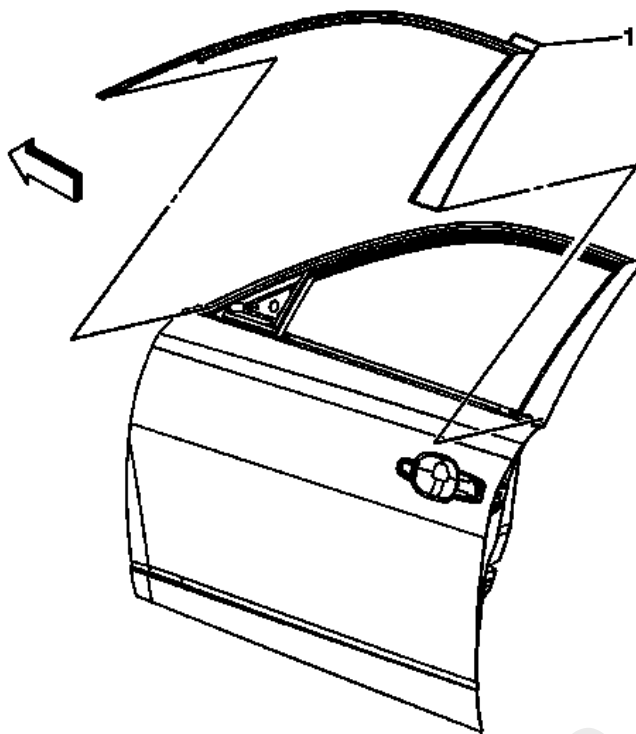


Fig. 2: View of Front Door Frame Applique
 Courtesy of GENERAL MOTORS COMPANY

Front Door Frame Applique Replacement

Callout	Component Name
CAUTION: To avoid paint damage, protect the area surrounding the part which you are removing or installing.	
Preliminary Procedures 1. Lower the window to the full down position. 2. Remove the outside rearview mirror. Refer to <u>Power Mirror Replacement (Wagon)</u> , <u>Power Mirror Replacement (Coupe)</u> . 3. Remove the front side door window inner sealing strip. Refer to <u>Front Side Door Window Belt Inner Sealing Strip Replacement (Wagon)</u> , <u>Front Side Door Window Belt Inner Sealing Strip Replacement (Coupe)</u> . 4. Remove the front side door outer sealing strip. Refer to <u>Front Side Door Window Belt Outer Sealing Strip Replacement</u> . 5. Remove the front side door inner weatherstrip. <u>Front Side Door Window Inner Weatherstrip Replacement</u> .	
	Front Side Door Frame Applique
	Procedure

1

1. Use a suitable heat gun and a plastic tool to remove the door applique.
2. Clean around the area of the door and door frame with a 50/50 of mixture of isopropyl alcohol and water by volume on a dampened lint free cloth.
3. Dry wipe the applique area.
4. When reinstalling the applique, spray a 50/50 soap mix on the door and frame to assist in the reinstall.
5. Peel the applique adhesive tape completely.
6. Install the applique to the door frame pillar first, pressing it in place and removing any air bubbles then work it the remaining applique around the upper door frame completely.
7. Fold over the length of the applique around the door frame. Wrapping and pressing the applique into place.
8. Verify that the applique is air bubble free.

LIFTGATE CENTER APPLIQUE REPLACEMENT (WAGON)

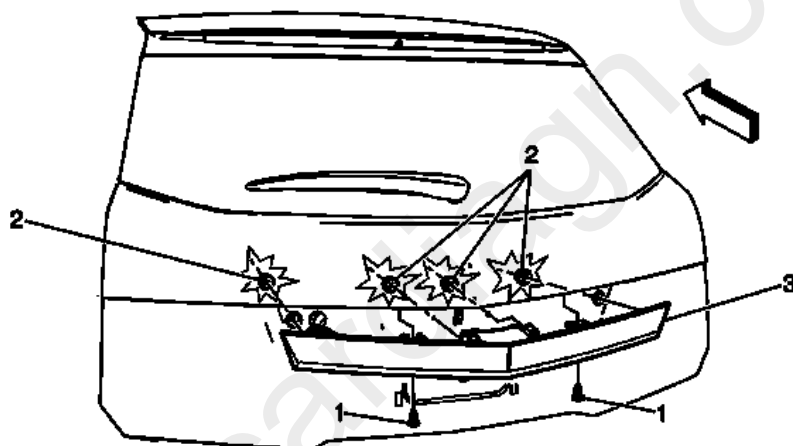


Fig. 3: Liftgate Center Applique (Wagon)
Courtesy of GENERAL MOTORS COMPANY

Liftgate Center Applique Replacement (Wagon)

Callout	Component Name
Preliminary Procedures	
1.	Open and support the liftgate assembly.
2.	Remove the liftgate lower trim finish panel. Refer to <u>Liftgate Lower Trim Finish Panel Replacement (Wagon)</u> .
3.	Disconnect the electrical harness connector.
4.	Remove the two rear license plate lamps. Refer to <u>Rear License Plate Lamp Replacement (Wagon)</u> .
	Liftgate Center Applique Screw (Qty: 2)

1	CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2.5 N.m (22 lb in)
2	Liftgate Center Applique Nut (Qty: 4) NOTE: Install NEW liftgate center applique nuts, Do Not re-use the old nuts. Tighten 7 N.m (62 lb in)
3	Liftgate Center Applique Assembly Procedure 1. Transfer the rear vision camera, (if equipped). 2. Transfer the rear license plate lamps. 3. Transfer the electrical harness assembly.

LIFTGATE UPPER APPLIQUE REPLACEMENT (WAGON)

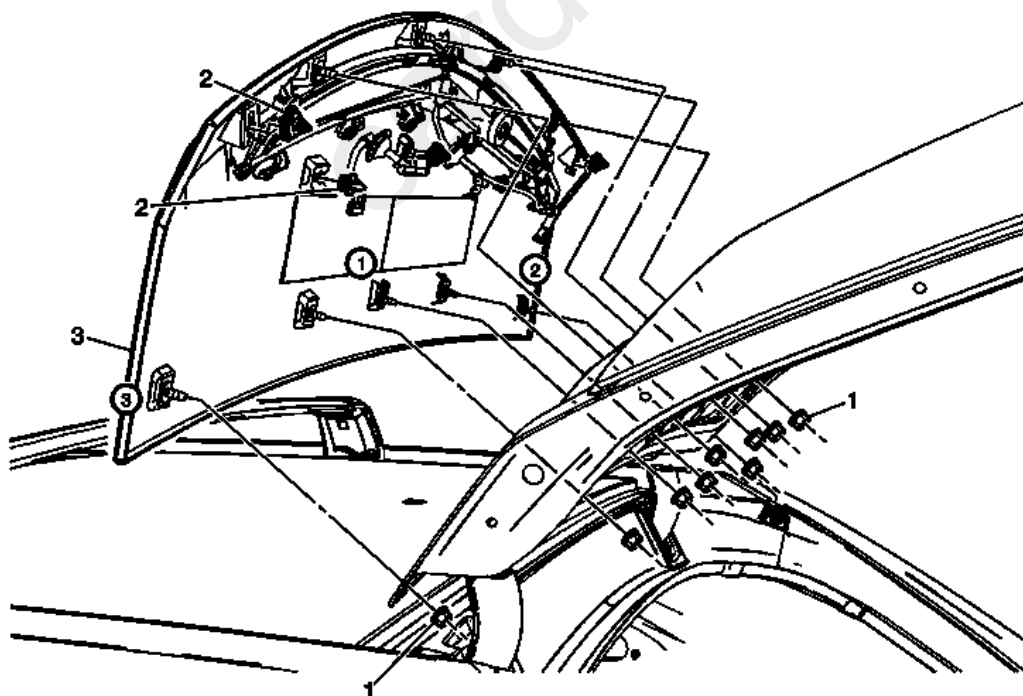


Fig. 4: Liftgate Upper Applique (Wagon)

Courtesy of GENERAL MOTORS COMPANY

Liftgate Upper Applique Replacement (Wagon)

Callout	Component Name
Preliminary Procedures 1. Open and support the liftgate assembly. 2. Remove the liftgate upper trim finish panel. Refer to <u>Liftgate Upper Trim Finish Panel Replacement (Wagon)</u> . 3. Disconnect the electrical connector for the radio antenna module assembly. 4. Disconnect the electrical connector for the high mount stop lamp. 5. Disconnect the rear window washer nozzle hose connection from the rear washer hose. 6. Remove the liftgate inner panel access hole plugs in order to access the upper applique nuts.	
1	Liftgate Upper Applique Nut (Qty: 9) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 9 N.m (80 lb in)
2	Liftgate Upper Applique Retainer (Qty: 5) Procedure 1. Using a 8 mm (12 pt) socket, or needle nose pliers, to release the middle three retainers from inside the liftgate. 2. Use a J-38778 clip remover or equivalent to access the two outer most retainers between the sheetmetal and applique. Special Tools J-38778 Door Trim Pad Clip Remover For equivalent regional tools, refer to <u>Special Tools</u> .
3	Liftgate Upper Applique Assembly Procedure 1. Lift the applique and disengage the two electrical harness rubber grommets. 2. Disengage the washer hose rubber grommet. 3. Remove the liftgate upper applique assembly from the liftgate. 4. Transfer the high mount stop lamp. Refer to <u>High Mount Stop Lamp Replacement (Wagon)</u> .

5. Transfer the radio antenna module. Refer to **Radio Antenna Module Replacement (Wagon)** .

QUARTER PANEL UPPER REAR MOLDING REPLACEMENT (WAGON)

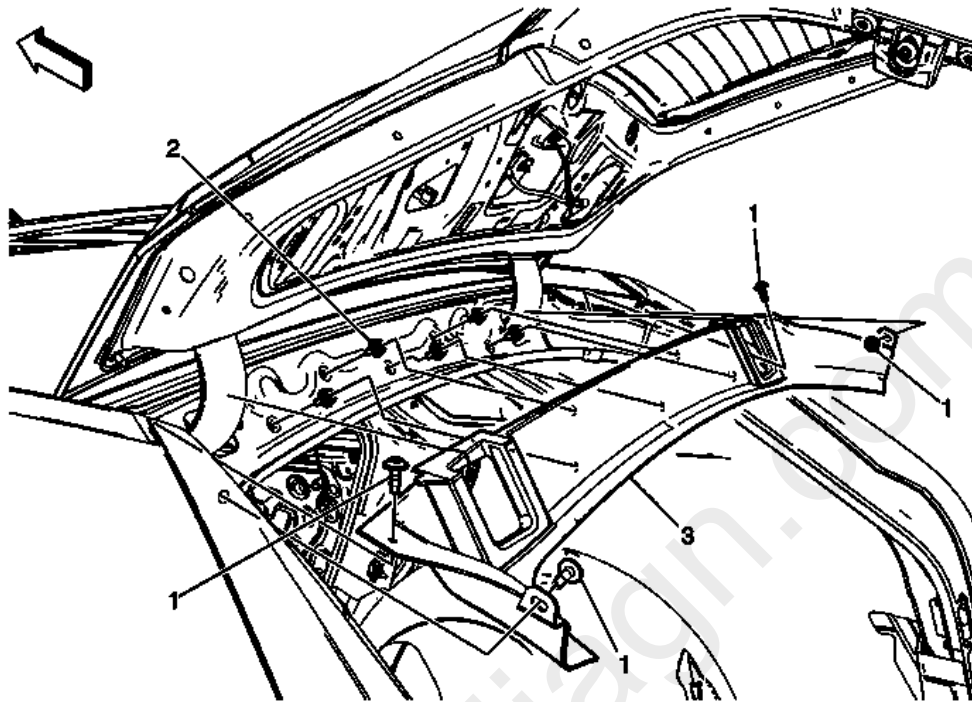


Fig. 5: Quarter Panel Upper Rear Molding (Wagon)

Courtesy of GENERAL MOTORS COMPANY

Quarter Panel Upper Rear Molding Replacement (Wagon)

Callout	Component Name
Preliminary Procedure Open and support the liftgate assembly.	
1	Screw (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 1.5 N.m (13 lb in)
2	Molding Retainer (Qty: 5)
3	Quarter Panel Upper Rear Molding TIP: Remove the upper rear molding from around both liftgate hinges.

QUARTER PANEL UPPER REAR MOLDING REPLACEMENT

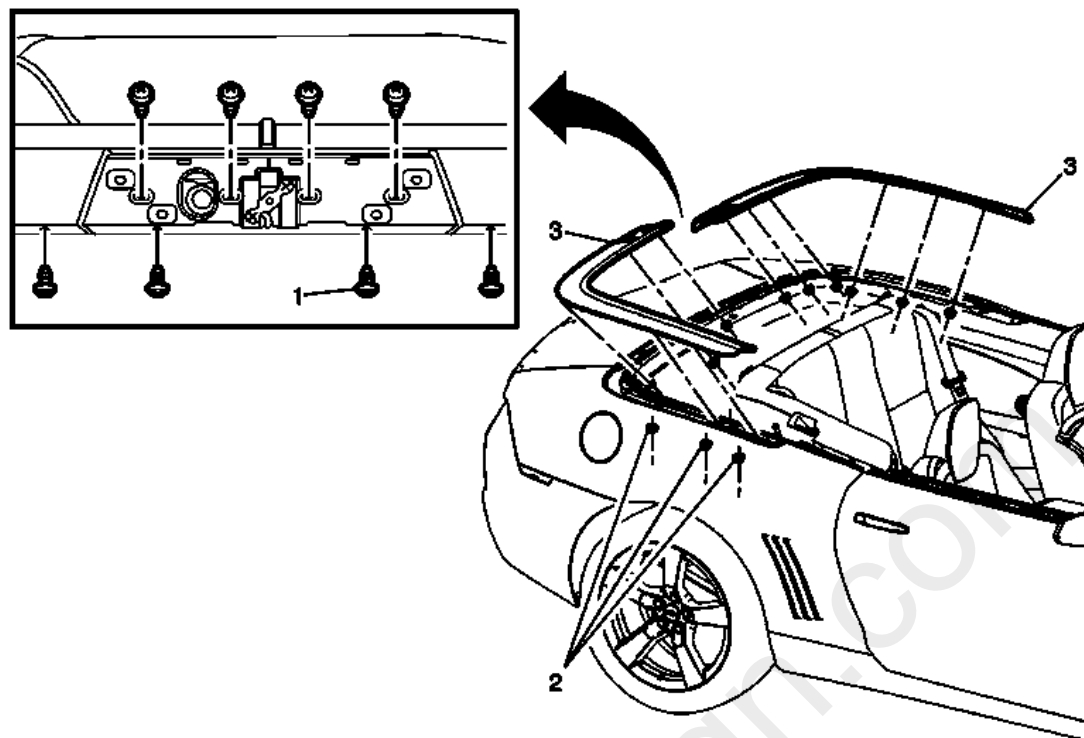


Fig. 6: Quarter Panel Upper Rear Molding & Mounting Components
Courtesy of GENERAL MOTORS COMPANY

Quarter Panel Upper Rear Molding Replacement

Callout	Component Name
Preliminary Procedures	
1. Place folding top halfway closed position to access nuts. 2. Remove the high mount stop lamp. Refer to <u>High Mount Stop Lamp Replacement (Coupe)</u> , <u>High Mount Stop Lamp Replacement (Wagon)</u> , <u>High Mount Stop Lamp Replacement (CTS V-Series)</u> .	
1	Quarter Panel Upper Rear Molding Screws (Qty: 8) CAUTION: Refer to <u>Fastener Caution</u> . NOTE: Remove the center retainer that holds the two molding down. Tighten 5 N.m (44 lb in)

2	Quarter Panel Upper Rear Molding Nut (Qty: 12) Procedure Push the folding top quarter outer drain panel down with one hand to expose the nuts. TIP: Each side of the quarter panel upper rear molding has six (6) nuts located under the inside edge. Tighten 8 N.m (71 lb in)
3	Quarter Panel Upper Rear Molding TIP: Water test the rear end of the vehicle to ensure no water leaks are present.

REAR DOOR FRAME APPLIQUE REPLACEMENT

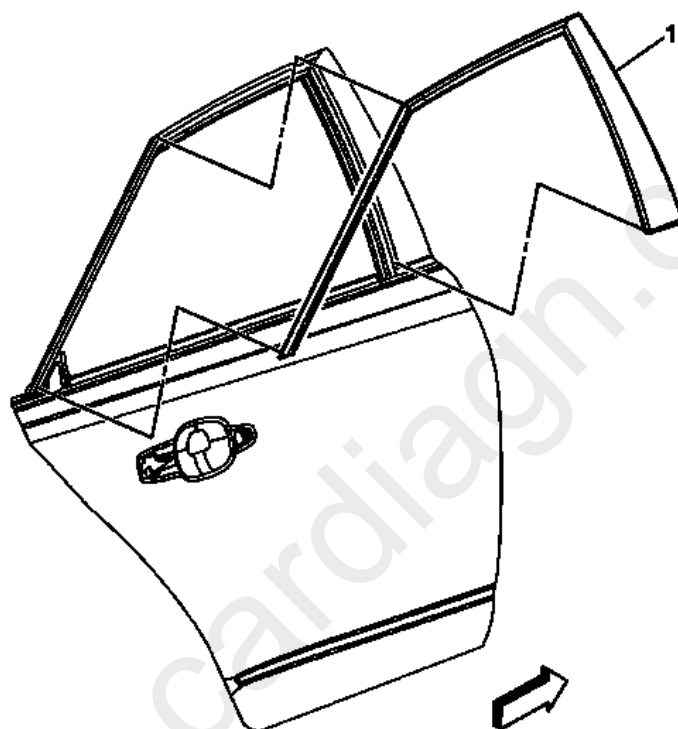


Fig. 7: Identifying Rear Door Frame Applique
Courtesy of GENERAL MOTORS COMPANY

Rear Door Frame Applique Replacement

Callout	Component Name
CAUTION: To avoid paint damage, protect the area surrounding the part which you are removing or installing. Preliminary Procedures 1. Lower the window to the full down position. 2. Remove the rear side door stationary window. Refer to <u>Rear Side Door Stationary Window Replacement</u> .	

3. Remove the rear side door window inner weatherstrip. Refer to **Rear Side Door Window Inner Sealing Strip Replacement** .
4. Remove the rear side door outer sealing strip. Refer to **Rear Side Door Window Outer Sealing Strip Replacement** .

1	Rear Side Door Frame Applique Procedure 1. Use a suitable heat gun and a plastic tool to remove the door applique. 2. Clean around the area of the door and door frame with a 50/50 of mixture of isopropyl alcohol and water by volume on a dampened lint free cloth. 3. Dry wipe the applique area. 4. When reinstalling the applique, spray a 50/50 soap mix on the door and frame to assist in the reinstall. 5. Peel the applique adhesive tape completely. 6. Install the applique to the door frame pillar first, pressing it in place and removing any air bubbles then work it the remaining applique around the upper door frame completely. 7. Fold over the length of the applique around the door frame. Wrapping and pressing the applique into place. 8. Verify that the applique is air bubble free.
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FRONT FOG LAMP BEZEL REPLACEMENT (W/O T96)

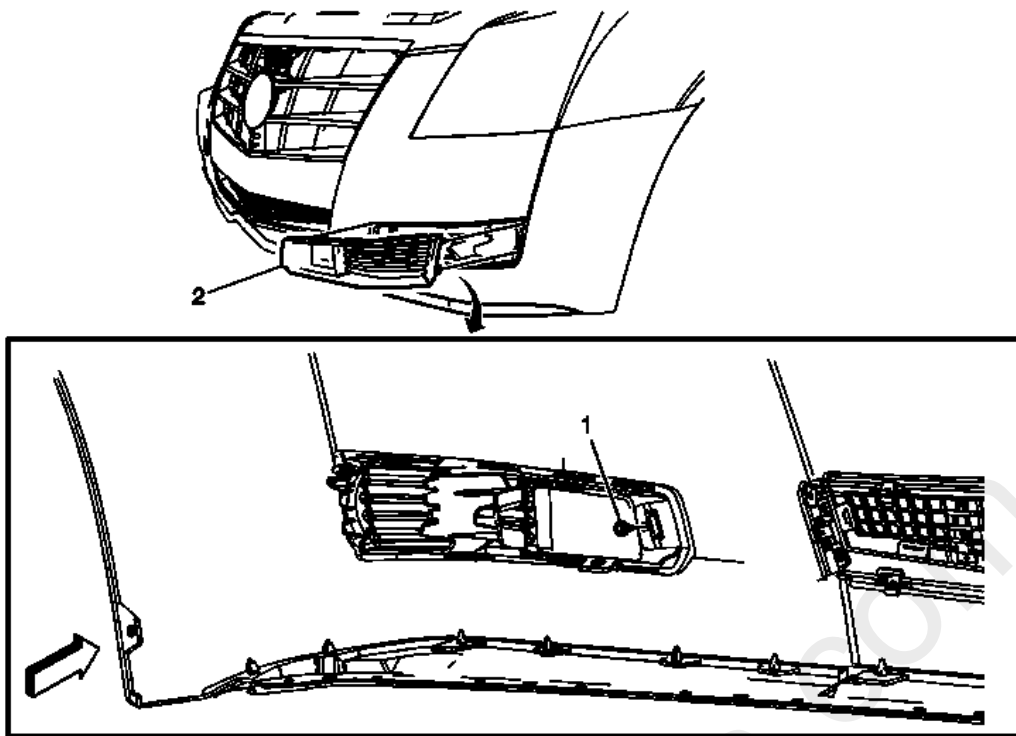


Fig. 8: Front Fog Lamp Bezel (w/o T96)
 Courtesy of GENERAL MOTORS COMPANY

Front Fog Lamp Bezel Replacement (w/o T96)

Callout	Component Name
Preliminary Procedure	
1. Remove the front wheelhouse extension. Refer to <u>Wheelhouse Extension Replacement</u> . 2. Remove the front brake caliper cooling duct. Refer to <u>Front Brake Rotor Cooling Duct Replacement (European)</u> , <u>Front Brake Rotor Cooling Duct Replacement (North America)</u> .	
1	Front Fog Lamp Bezel Screw TIP: Hand tighten the screw only, no torque required.
2	Front Fog Lamp Bezel TIP: Remove the bezel from the fascia by pushing the bezel outward from the front bumper fascia.

FRONT FOG LAMP BEZEL REPLACEMENT (W/T96)

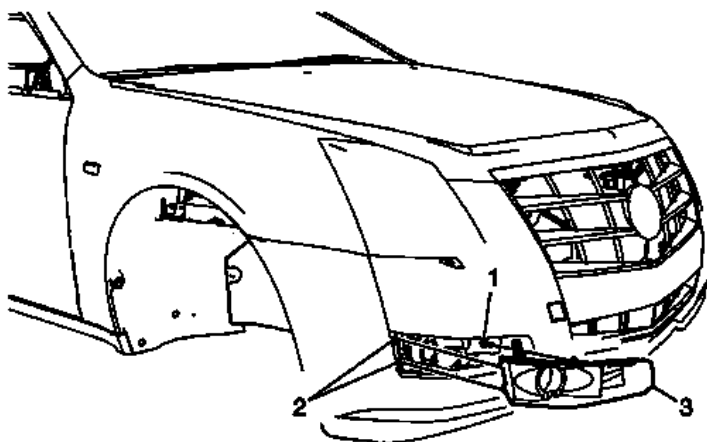


Fig. 9: Front Fog Lamp Bezel (w/T96)
 Courtesy of GENERAL MOTORS COMPANY

Front Fog Lamp Bezel Replacement (w/T96)

Callout	Component Name
Preliminary Procedure 1. Remove the front wheelhouse extension. Refer to <u>Wheelhouse Extension Replacement</u> . 2. Remove the front brake caliper cooling duct. Refer to <u>Front Brake Rotor Cooling Duct Replacement (European)</u> , <u>Front Brake Rotor Cooling Duct Replacement (North America)</u> .	
1	Front Fog Lamp Bezel Screw CAUTION: Refer to <u>Fastener Caution</u> . Tighten 1.3 N.m (12 lb in)
2	Front Fog Lamp Bezel Retention Clip (Qty: 2)
3	Front Fog Lamp Bezel Procedure 1. Disengage the six inner retainer tabs securing the bezel to the front bumper fascia. 2. Pull outward from the outer edge in order to release the outer retention clips securing the bezel to the front bumper fascia. 3. Remove the front fog lamp bezel.

FRONT FOG LAMP BEZEL REPLACEMENT (CTS V-SERIES)

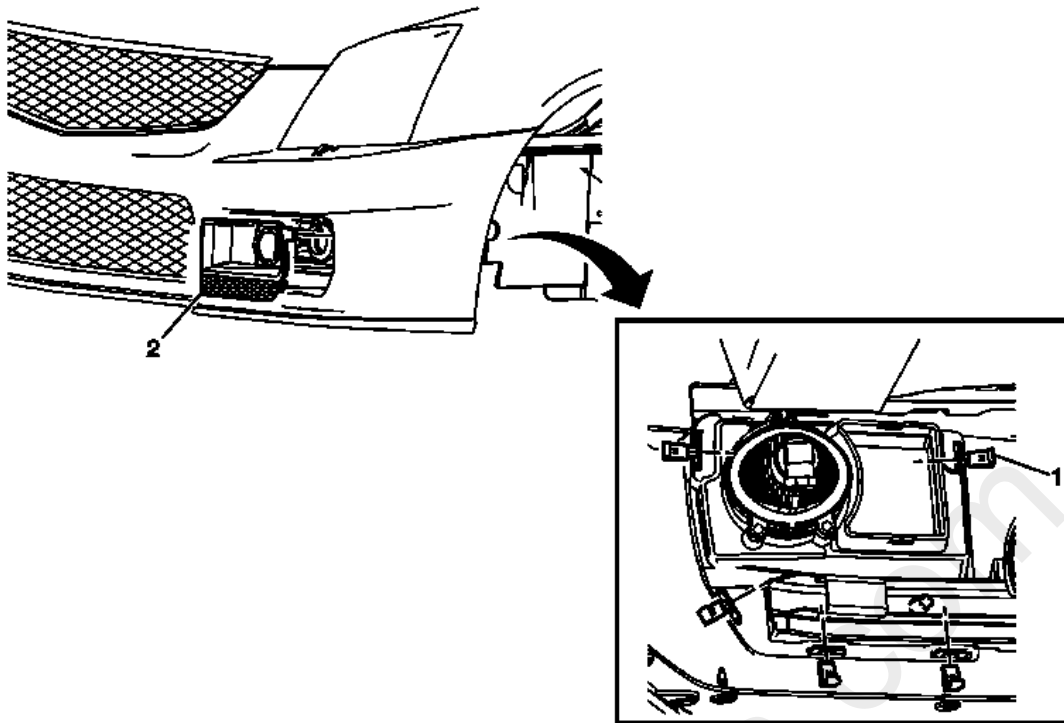


Fig. 10: Identifying Front Fog Lamp Bezel (CTS-V)
 Courtesy of GENERAL MOTORS COMPANY

Front Fog Lamp Bezel Replacement (CTS V-Series)

Callout	Component Name
Preliminary Procedure	
Remove the front wheelhouse extension. Refer to <u>Wheelhouse Extension Replacement</u> .	
1	Front Fog Lamp Bezel Retainer Clip (Qty: 5) TIP: Slide the clips outward from the fog lamp bezel tabs.
2	Front Fog Lamp Bezel TIP: Pull the bezel outward from the front bumper fascia after the retainers have been removed.

FRONT SIDE DOOR SILL TRIM PLATE REPLACEMENT

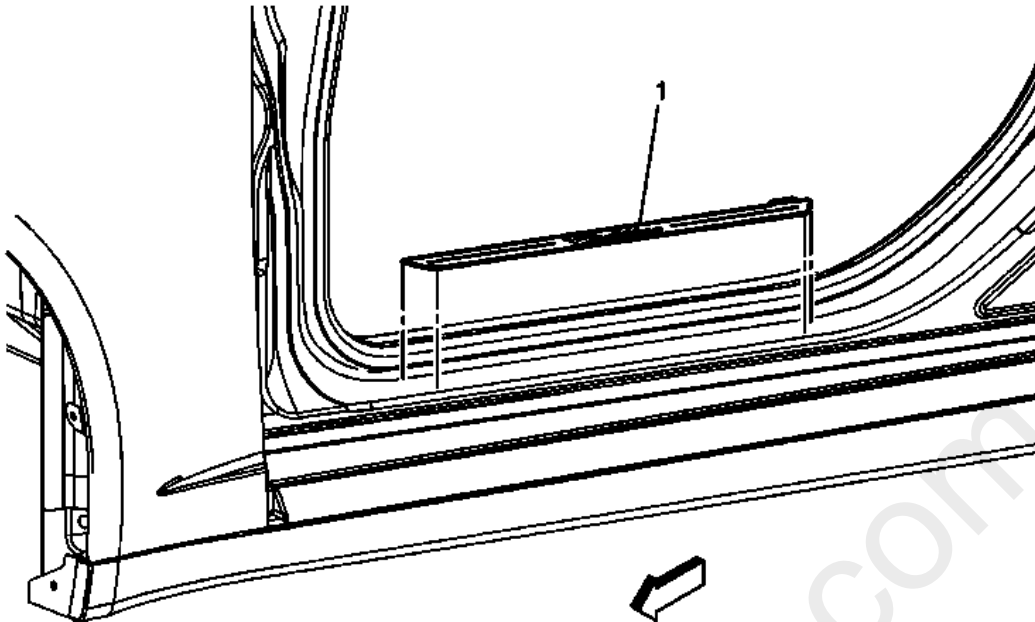


Fig. 11: Front Side Door Sill Trim Plate
 Courtesy of GENERAL MOTORS COMPANY

Front Side Door Sill Trim Plate Replacement

Callout	Component Name
Preliminary Procedures	
1. Open the door on the side the door trim sill plate will be replaced. 2. Use Heat Gun 250°-500° or equivalent in order to heat the surface of the sill plate to aid in the removal. 3. Clean the area with a 50/50 mixture by volume of isopropyl alcohol and clean drinkable water to remove any left over adhesive residue. 4. Dry the area thoroughly with a clean dry cotton cloth before applying the new door sill trim plate. 5. Pull off the adhesive release tape and set the door sill trim plate into position. 6. Use a dry cotton cloth to wet out the entire surface of the door sill trim plate.	
1	Front Side Door Sill Trim Plate

BODY SIDE WINDOW REVEAL MOLDING REPLACEMENT (CTS V-SERIES)

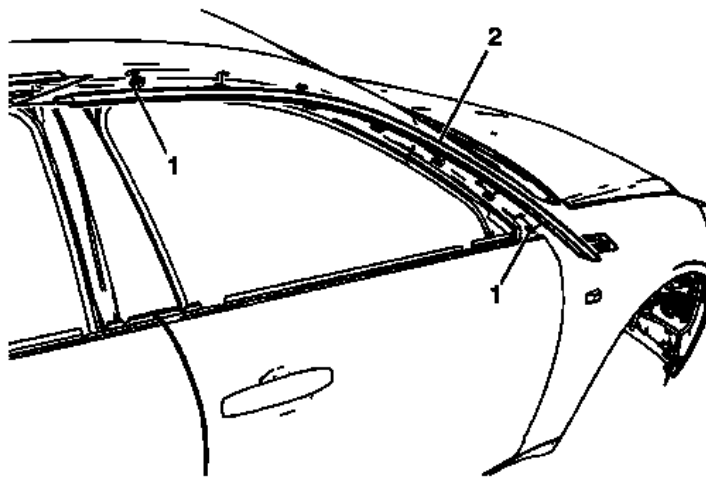


Fig. 12: Body Side Window Reveal Molding Assembly
Courtesy of GENERAL MOTORS COMPANY

Body Side Window Reveal Molding Replacement (CTS V-Series)

Callout	Component Name
Preliminary Procedure Open the front door on the side the front body side window reveal molding will be serviced.	
1	Front Body Side Window Reveal Molding Retainer (Qty: 7) Procedure 1. Grasp the molding at the forward edge and use a suitable retainer tool under each retainer in order to release the molding from the windshield pillar. 2. At the rear edge of the front body side reveal molding, release the front molding tab from the center pillar molding assembly. 3. Pull the molding assembly forward in order to release.
	2 Front Body Side Window Reveal Molding

BODY SIDE WINDOW REVEAL MOLDING REPLACEMENT (WAGON)

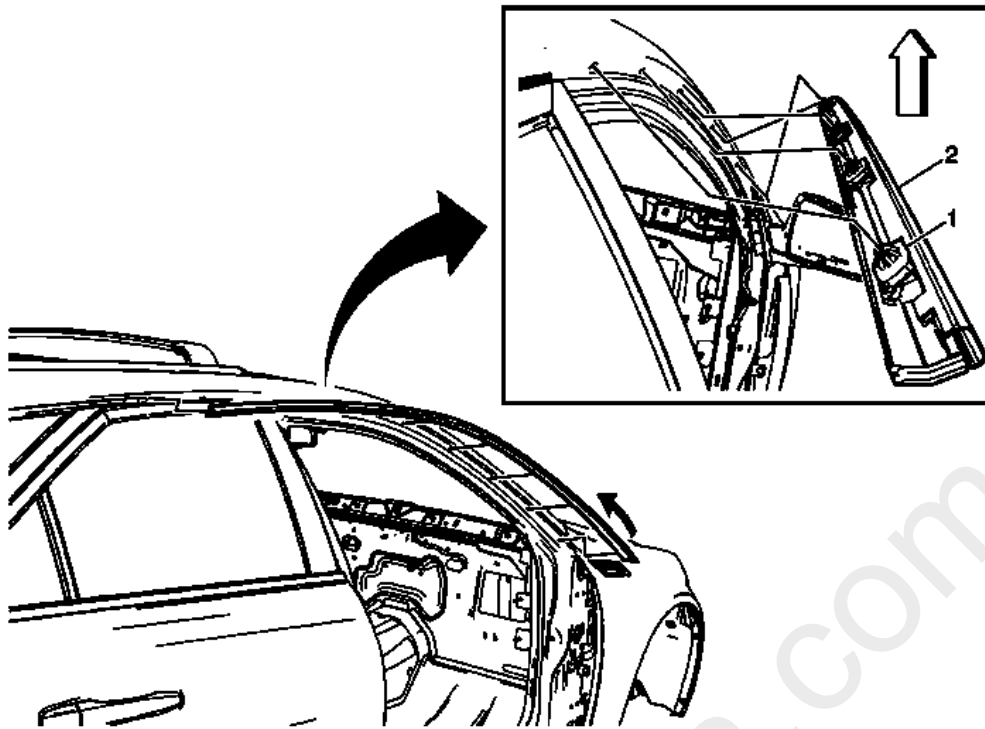


Fig. 13: Body Side Window Reveal Molding (Wagon)
 Courtesy of GENERAL MOTORS COMPANY

Body Side Window Reveal Molding Replacement (Wagon)

Callout	Component Name
Preliminary Procedure	
Open the front door on the side the front body side window reveal molding will be serviced.	
1	Front Body Side Window Reveal Molding Retainer (Qty: 10)
	Procedure
	1. Grasp the molding at the forward edge and use a suitable retainer tool under each retainer in order to release the molding from the windshield pillar.
	2. At the rear edge of the front body side reveal molding, release the front molding tab from the rear quarter window molding assembly.
	3. Pull the reveal molding assembly forward in order to release.
2	4. Upon installation, insert the rear edge of the reveal molding first into the rear quarter window molding then work forward securing all of the retainers to the body panel.
	Front Body Side Window Reveal Molding

RADIATOR GRILLE EMBLEM/NAMEPLATE REPLACEMENT

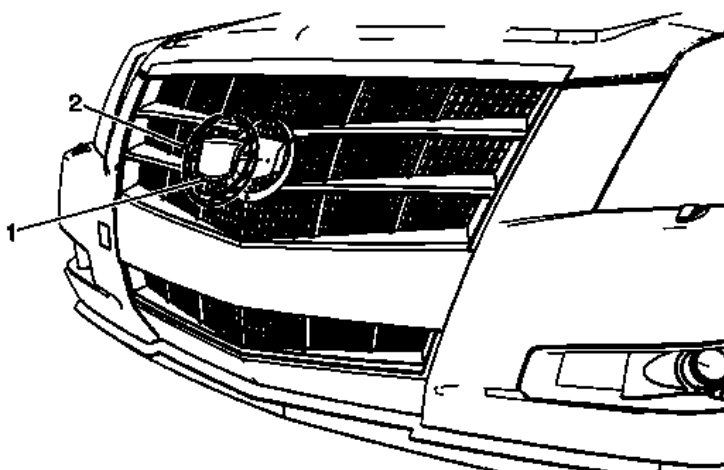


Fig. 14: Locating Radiator Grille Emblem Placement
 Courtesy of GENERAL MOTORS COMPANY

Radiator Grille Emblem/Nameplate Replacement

Callout	Component Name
CAUTION: Refer to <u>Exterior Trim Emblem Removal Caution</u> .	
1	Emblem Assembly (Crest) 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 emblem. Clean all adhesive from grille and wipe the surface dry with a clean lint-free towel prior to installing the new emblem. 3. 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. 4. Align the two pins on the crest to the holes in the grille. 5. Using the palm of the hand, carefully wet out the emblem to the grille and ensure full adhesion of the emblem is made.
	Emblem Assembly (Wreath) 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 emblem. Clean all adhesive

2	from grille and wipe the surface dry with a clean lint-free towel prior to installing the new emblem. - 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. - Align the three pins on the wreath to the holes in the grille. - Using the palm of the hand, carefully wet out the emblem to the grille and ensure full adhesion of the emblem is made.
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FRONT SIDE DOOR EMBLEM/NAMEPLATE REPLACEMENT (CTS-V)

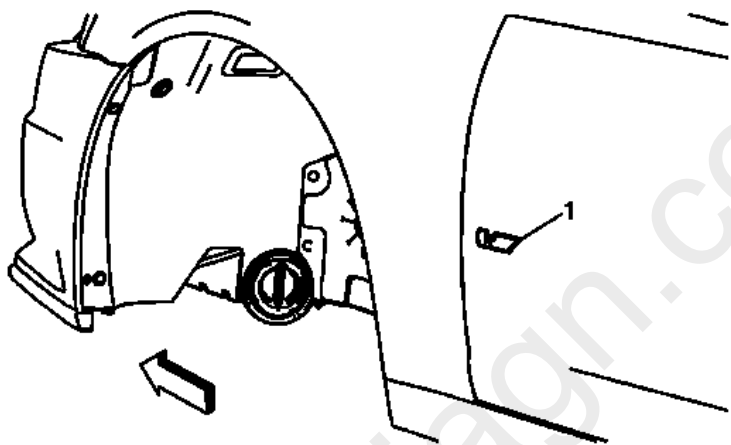


Fig. 15: Locating Front Side Door Emblem/Nameplate (CTS-V)
 Courtesy of GENERAL MOTORS COMPANY

Front Side Door Emblem/Nameplate Replacement (CTS-V)

Callout	Component Name
1	Front Side Door Nameplate CAUTION: Refer to <u>Exterior Trim Emblem Removal Caution</u> . Procedure - 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. - Use a J 25070 Heat Gun or equivalent to remove the old nameplate. - Clean all adhesive from the bodyside door panel and wipe the surface dry with a clean lint-free towel prior to installing the new name plate. - Close the door prior to installing the new nameplate.

5. 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.
6. Position and adhere the nameplate to the door.
7. Using the palm of the hand, wet out the name plate on the bodyside door panel to ensure full adhesion of the name plate is made.

REAR COMPARTMENT LID EMBLEM/NAMEPLATE REPLACEMENT (3.6L)

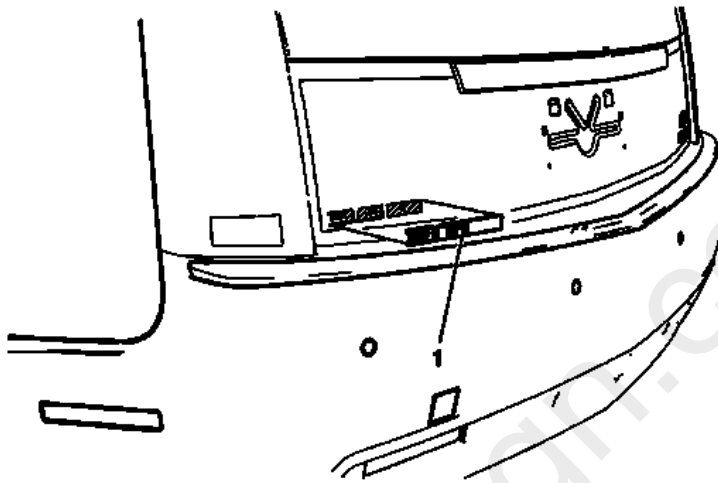


Fig. 16: Viewing Rear Compartment Lid Emblem Placement
Courtesy of GENERAL MOTORS COMPANY

Rear Compartment Lid Emblem/Nameplate Replacement (3.6L)

Callout	Component Name
1	Rear Compartment Lid Nameplate (3.6) CAUTION: Refer to <u>Exterior Trim Emblem Removal Caution</u> . 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. Clean all adhesive from the rear compartment panel and wipe the surface dry with a clean lint-free towel prior to installing the new name plate. 3. 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. 4. Using the palm of the hand, wet out the name plate to the rear compartment lid to

ensure full adhesion of the name plate is made.

REAR COMPARTMENT LID EMBLEM/NAMEPLATE REPLACEMENT (CTS4)

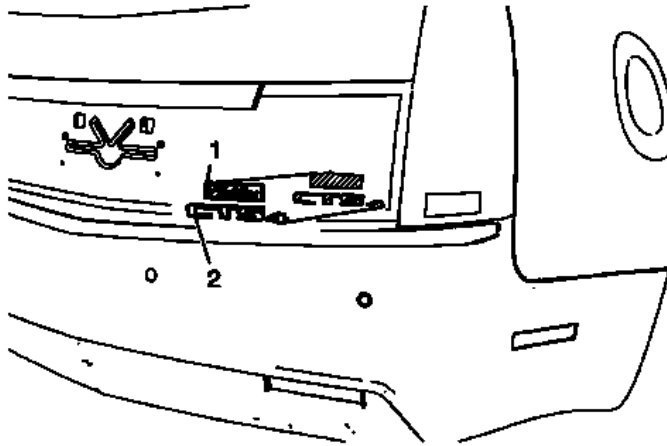


Fig. 17: Identifying of CTS4 Emblem Placement on Rear Compartment Lid
Courtesy of GENERAL MOTORS COMPANY

Rear Compartment Lid Emblem/Nameplate Replacement (CTS4)

Callout	Component Name
1	Rear Compartment Lid Nameplate (Cadillac) CAUTION: Refer to <u>Exterior Trim Emblem Removal Caution</u> . 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. Clean all adhesive from the rear compartment panel and wipe the surface dry with a clean lint-free towel prior to installing the new name plate. 3. 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. 4. Using the palm of the hand, wet out the name plate to the rear compartment lid to ensure full adhesion of the name plate is made.
	Rear Compartment Lid Nameplate (CTS4) CAUTION: Refer to <u>Exterior Trim Emblem Removal Caution</u> .

Procedure

2

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. Clean all adhesive from the rear compartment panel and wipe the surface dry with a clean lint-free towel prior to installing the new name plate.
3. 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.
4. Using the palm of the hand, wet out the name plate to the rear compartment lid to ensure full adhesion of the name plate is made.

REAR COMPARTMENT LID EMBLEM/NAMEPLATE REPLACEMENT (DIRECT INJECTION)

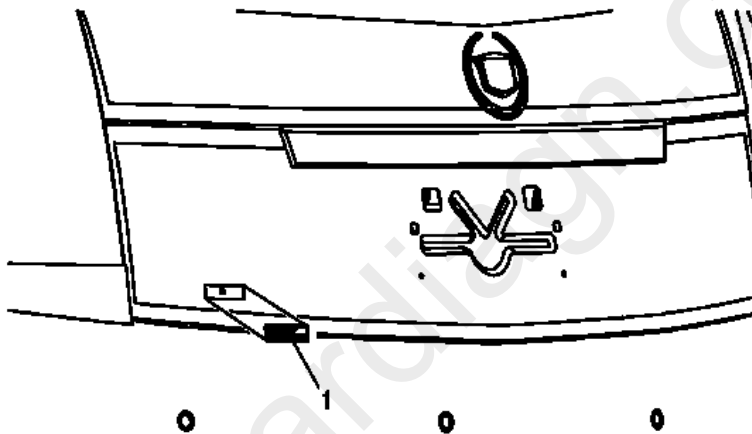


Fig. 18: Identifying Rear Compartment Lid Emblem/Nameplate (Direct Injection)
Courtesy of GENERAL MOTORS COMPANY

Rear Compartment Lid Emblem/Nameplate Replacement (Direct Injection)

Callout	Component Name
	Rear Compartment Lid Nameplate (Direct Injection) CAUTION: Refer to <u>Exterior Trim Emblem Removal Caution</u> . 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.

- | | |
|---|---|
| 1 | <ol style="list-style-type: none"> 2. Use a J 25070 Heat Gun or equivalent to remove the old nameplate. 3. Clean all adhesive from the rear compartment panel and wipe the surface dry with a clean lint-free towel prior to installing the new nameplate. 4. Ensure the rear compartment lid is in the closed position. 5. 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. 6. Position and adhere the new nameplate to the rear compartment lid. 7. Using the palm of the hand, wet out the nameplate to the rear compartment lid to ensure full adhesion of the nameplate is made. |
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REAR COMPARTMENT LID EMBLEM/NAMEPLATE REPLACEMENT (CTS V SERIES)

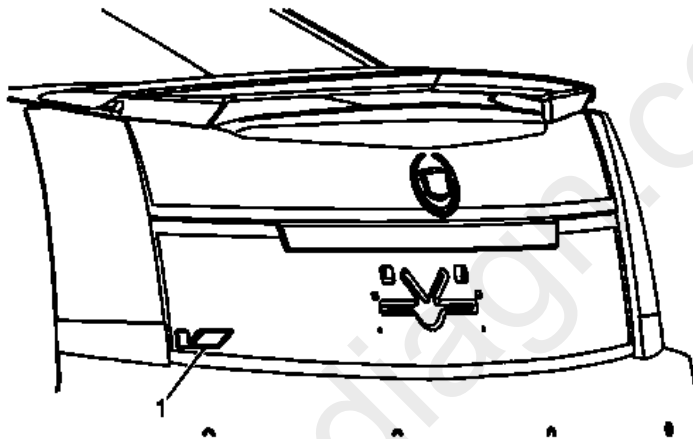


Fig. 19: Identifying Rear Compartment Lid Emblem/Nameplate (CTS V Series)
 Courtesy of GENERAL MOTORS COMPANY

Rear Compartment Lid Emblem/Nameplate Replacement (CTS V Series)

Callout	Component Name
1	Rear Compartment Lid Nameplate (CTS V-Series) CAUTION: Refer to <u>Exterior Trim Emblem Removal Caution</u> . 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 the rear compartment panel and wipe the surface dry with a

- clean lint-free towel prior to installing the new nameplate.
4. Ensure the rear compartment lid is in the closed position.
 5. 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.
 6. Position and adhere the new nameplate to the rear compartment lid.
 7. Using the palm of the hand, wet out the nameplate to the rear compartment lid to ensure full adhesion of the nameplate is made.

REAR COMPARTMENT LID EMBLEM/NAMEPLATE REPLACEMENT (WREATH AND CREST)

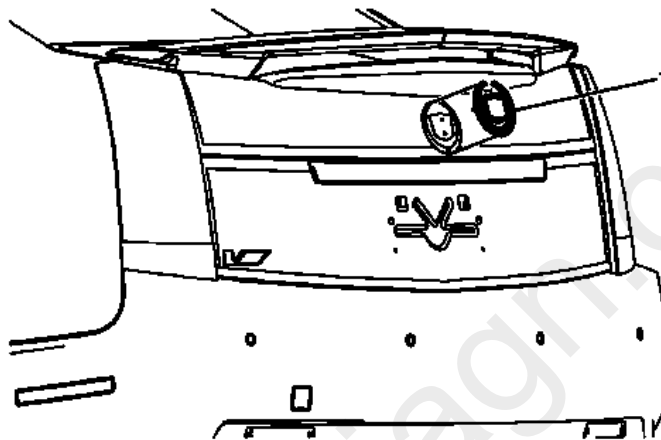


Fig. 20: Identifying Rear Compartment Lid Emblem/Nameplate (Wreath & Crest)

Courtesy of GENERAL MOTORS COMPANY

Rear Compartment Lid Emblem/Nameplate Replacement (Wreath and Crest)

Callout	Component Name
1	Rear Compartment Lid Emblem (Wreath and Crest) CAUTION: Refer to <u>Exterior Trim Emblem Removal Caution</u> . Procedure NOTE: Using a wax type pencil, mark on the rear compartment lid, the relationship of the wreath to the crest alignment prior to removing the wreath from the rear compartment lid. 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 emblem/nameplate.
3. Clean all adhesive from the rear compartment panel and wipe the surface dry with a clean lint-free towel prior to installing the new emblem/nameplate.
4. Close the rear compartment lid.
5. 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.
6. Align the pins on the crest to the holes in the rear compartment lid.
7. Align the wreath with the wax pencil alignment marks previously made on the rear compartment lid.
8. Using the palm of the hand, wet out the emblem/name plate to the rear compartment lid to ensure full adhesion of the emblem/nameplate is made.
9. Clean the wax pencil marks from the rear compartment lid.

FRONT UPPER GRILLE REPLACEMENT (CTS V-SERIES)

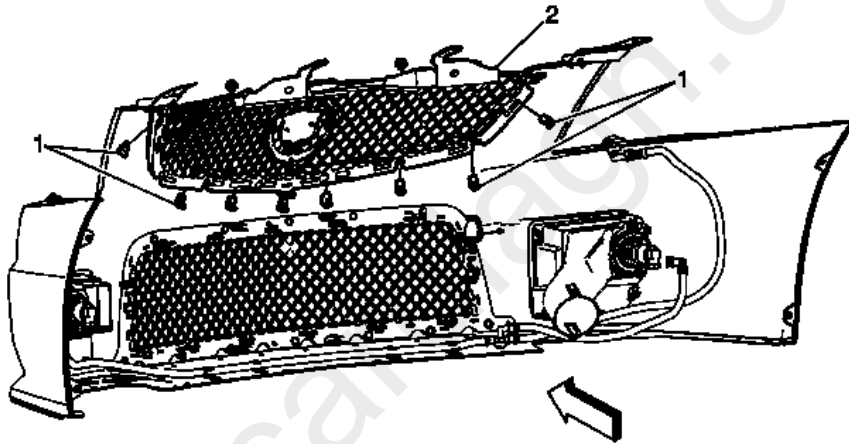


Fig. 21: View Of Radiator Upper Grille Assembly (CTS-V)
 Courtesy of GENERAL MOTORS COMPANY

Front Upper Grille Replacement (CTS V-Series)

Callout	Component Name
Preliminary Procedure	
Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement .	
1	Radiator Grille Clip (Qty: 8) Procedure Use a pair of needle nose pliers in order to depress and remove the retainer clips from the front bumper fascia support tabs.
	Radiator Upper Grille Assembly Procedure

2

1. Pull the grille assembly rearward from the retainer tabs on the inside of the front bumper fascia.
2. Transfer the front bumper fascia support.
3. Transfer the radiator grille emblem/nameplate. Refer to **Radiator Grille Emblem/Nameplate Replacement**.

FRONT LOWER GRILLE REPLACEMENT (CTS V-SERIES)

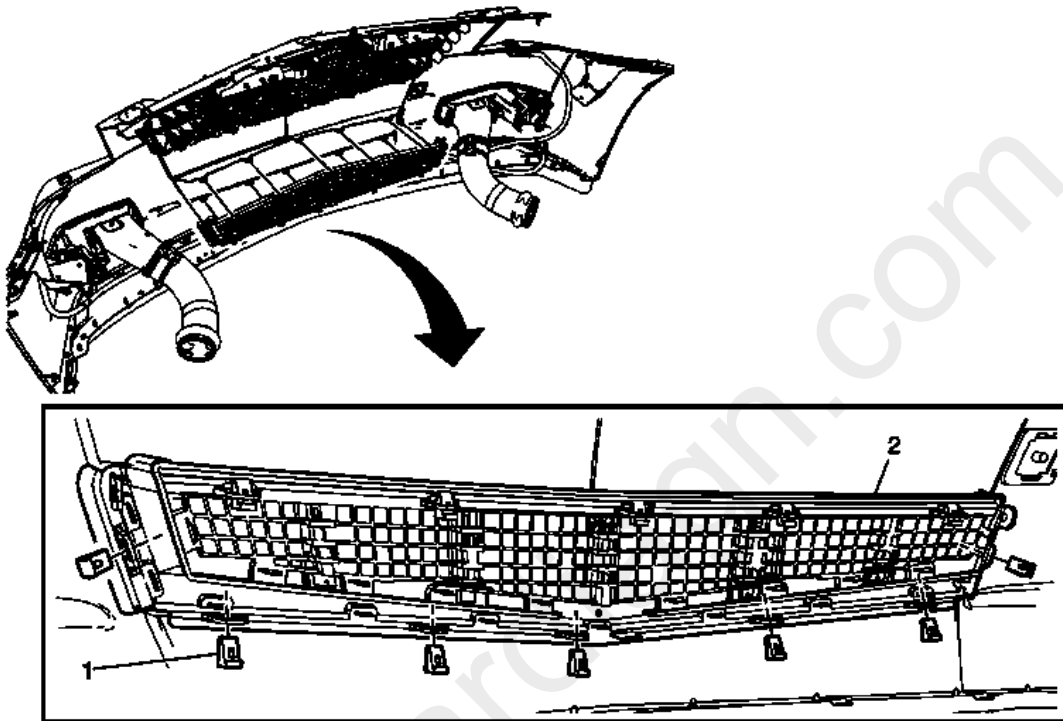


Fig. 22: Identifying Radiator Lower Grille Assembly
Courtesy of GENERAL MOTORS COMPANY

Front Lower Grille Replacement (CTS V-Series)

Callout	Component Name
Preliminary Procedure	
Remove the front bumper fascia. Refer to <u>Front Bumper Fascia Replacement</u> .	
1	Radiator Lower Grille Clip (Qty: 15)
2	Radiator Lower Grille TIP: Release the lower grille from the front bumper fascia grille support tabs.

HOOD FRONT MOLDING REPLACEMENT (CTS V-SERIES)

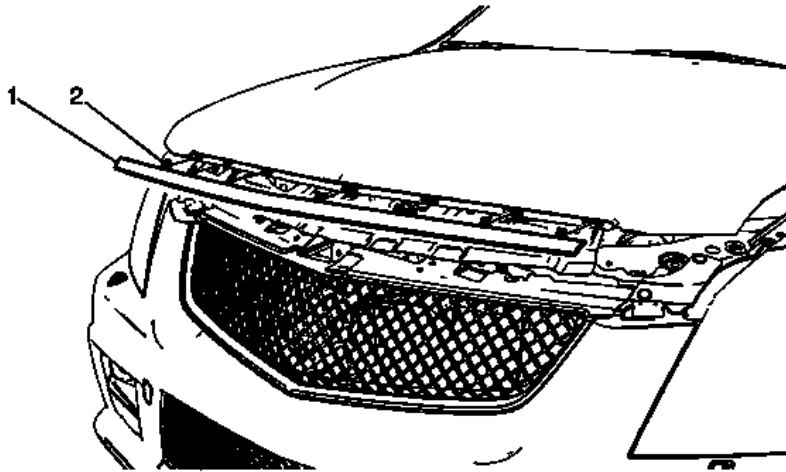


Fig. 23: Identifying Hood Front Molding (CTS-V)
 Courtesy of GENERAL MOTORS COMPANY

Hood Front Molding Replacement (CTS V-Series)

Callout	Component Name
Preliminary Procedure Raise and support the hood.	
1	Hood Front Molding TIP: Upon installation, insert one side of the molding to the hood and work across the molding securing the individual retainer clips.
2	Hood Front Molding Retainer (Qty: 8) TIP: Release the retainer clips beginning from one side working towards the opposite side.

HOOD FRONT MOLDING REPLACEMENT (WAGON)

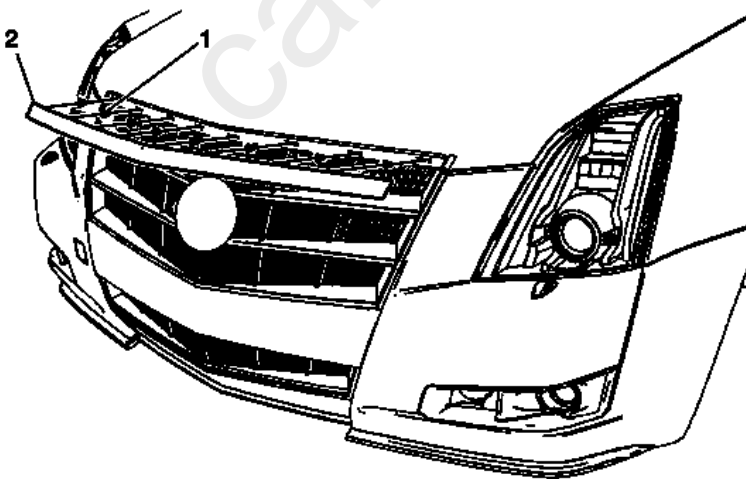


Fig. 24: Hood Front Molding Retainer & Clips (Wagon)
 Courtesy of GENERAL MOTORS COMPANY

Hood Front Molding Replacement (Wagon)

Callout	Component Name
Preliminary Procedure Raise and support the hood.	
1	Hood Front Molding Retainer Clip (Qty: 8) TIP: Release the retainer clips beginning from one side working towards the opposite side.
2	Hood Front Molding Retainer TIP: Upon installation, insert one side of the molding to the hood and work across the molding securing the individual retainer clips.

REAR COMPARTMENT LID LOWER MOLDING REPLACEMENT (COUPE)

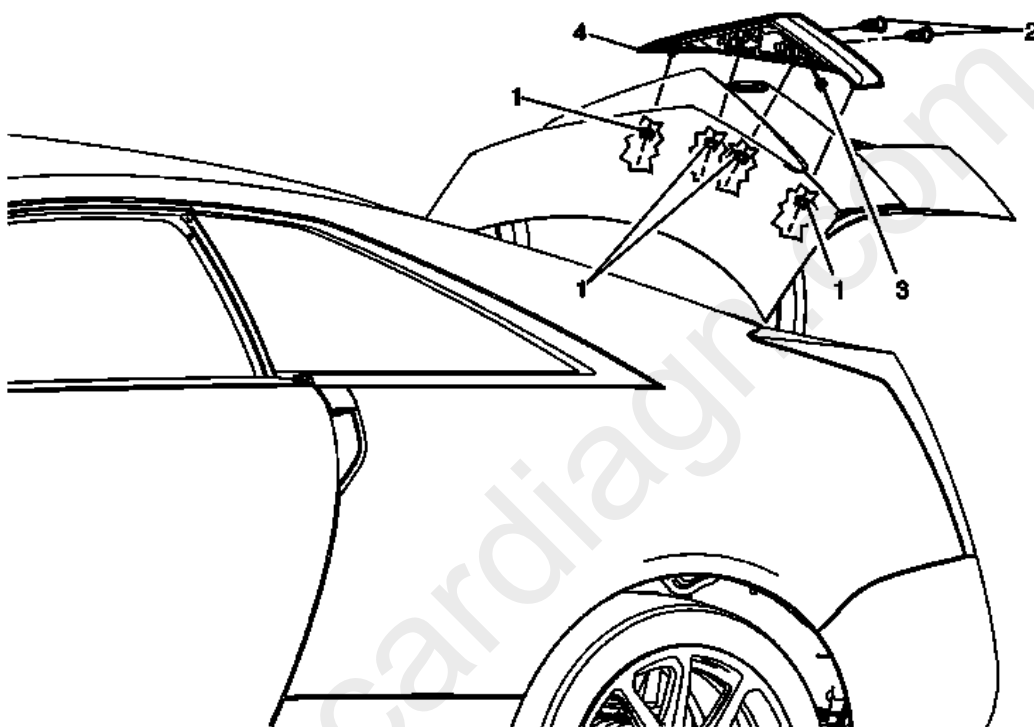


Fig. 25: Rear Compartment Lid Lower Molding & Mounting Components (Coupe)
 Courtesy of GENERAL MOTORS COMPANY

Rear Compartment Lid Lower Molding Replacement (Coupe)

Callout	Component Name
Preliminary Procedure	
1. Open the rear compartment lid. 2. Remove the two rear license plate lamps. Refer to <u>Rear License Plate Lamp Replacement (Coupe)</u> . 3. Remove the rear compartment lid interior trim. Refer to <u>Rear Compartment Lid Inner Panel Trim Replacement (Coupe)</u> .	
	Rear Compartment Lid Lower Molding Nut (Qty: 4)

1	CAUTION: Refer to <u>Fastener Caution</u> . Tighten 7 N.m (62 lb in)
2	License Plate Pocket Screw (Qty: 2) Tighten 2.5 N.m (22 lb in)
3	Electrical Connector Procedure 1. Disconnect the electrical connector. 2. Release the retainers from inside the rear compartment lid. 3. Disengage the retainers by compressing the wings and pushing outward from the rear compartment lid. 4. Ensure the foam gaskets are in place prior to securing the (W-clip) retainers.
4	Rear Compartment Lid Lower Molding TIP: Transfer the parts as needed.

ROCKER PANEL MOLDING REPLACEMENT (WAGON)

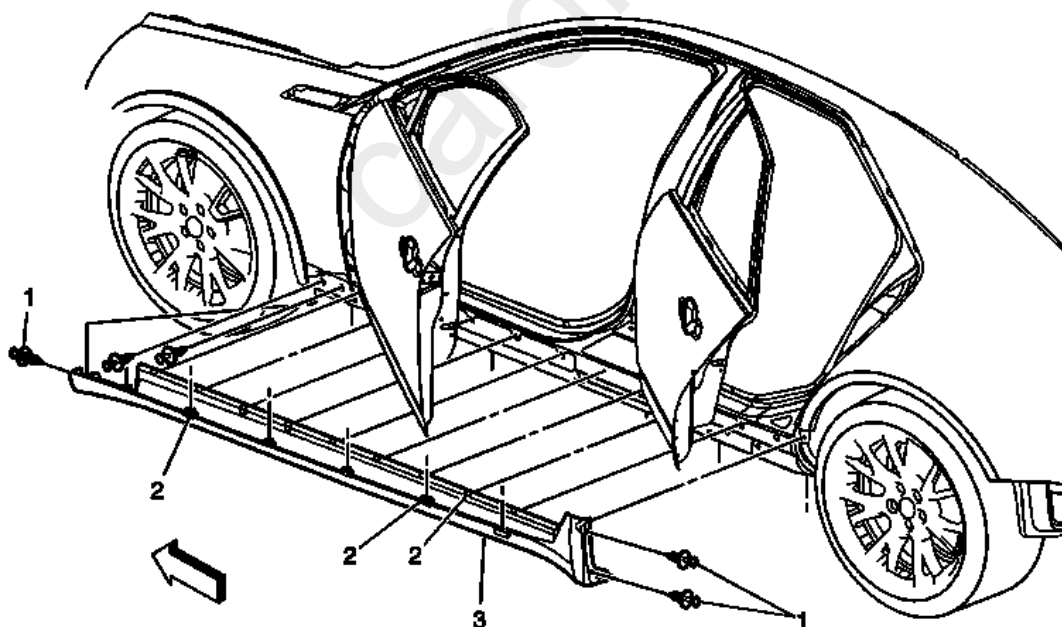


Fig. 26: Rocker Panel Molding (Wagon)

Courtesy of GENERAL MOTORS COMPANY

Rocker Panel Molding Replacement (Wagon)

Callout	Component Name
Preliminary Procedures	
1. Open both side doors on the side the lower rocker panel molding will be serviced. 2. Remove the front and rear wheelhouse rocker molding push-pin retainers. 3. Begin releasing the lower rocker panel molding retainers first. 4. Release the upper rocker panel molding retainers.	
1	Front and Rear Wheelhouse Panel Push-pin Retainer (Qty: 3)
2	Rocker Panel Molding Retainer (Qty: 13) Procedure 1. Release the five lower retainers first using a trim-type clip tool. 2. Release the eight upper retainers next. 3. Remove the rocker panel from the lower bodyside panel flange.
3	Rocker Panel Molding Assembly

ROCKER PANEL MOLDING REPLACEMENT (COUPE)

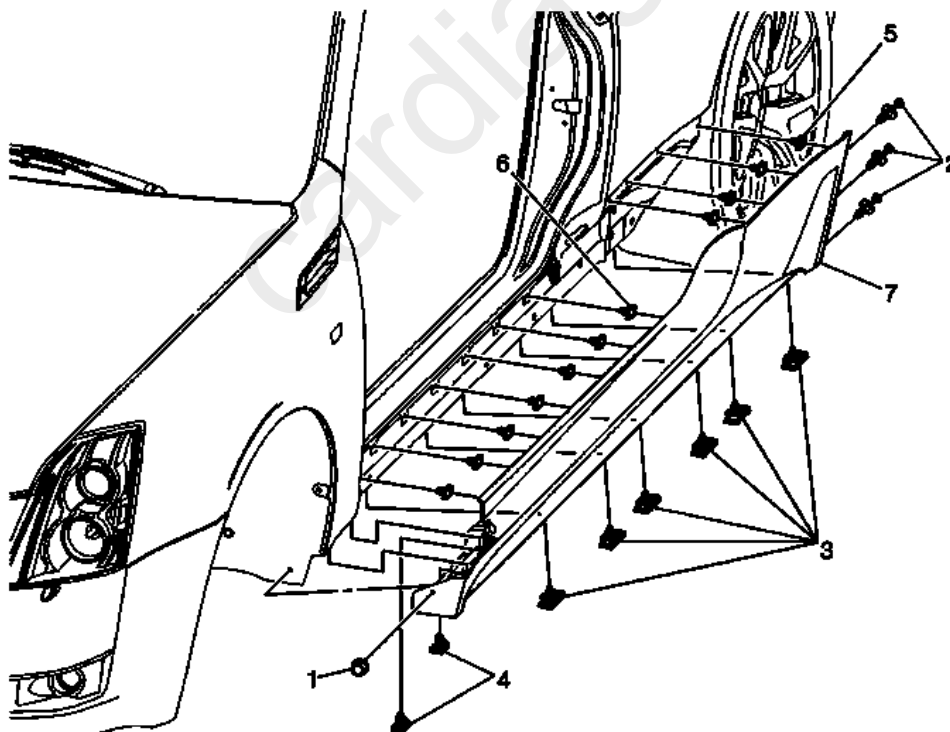


Fig. 27: Rocker Panel Molding & Retainers (Coupe)

Courtesy of GENERAL MOTORS COMPANY

Rocker Panel Molding Replacement (Coupe)

Callout	Component Name
Preliminary Procedures	
1. Remove the front and rear wheelhouse rocker molding push-pin retainers.	
2. Begin releasing the lower rocker panel molding retainers first.	
3. Release the upper rocker panel molding retainers last.	
1	Front Wheelhouse Panel Push-pin Retainer
2	Rear Wheelhouse Panel Front Push-pin Retainer (Qty: 3)
3	Rocker Panel Molding Lower Retainer (Qty: 6)
4	Front Fender Lower Retainer (Qty: 2)
5	Body Side Rear Lower Retainer (Qty 4)
6	Front Side Door Sil Retainer (Qty 7)
7	Rocker Panel Molding Assembly

ROOF DRIP SCALP MOLDING REPLACEMENT (COUPE)

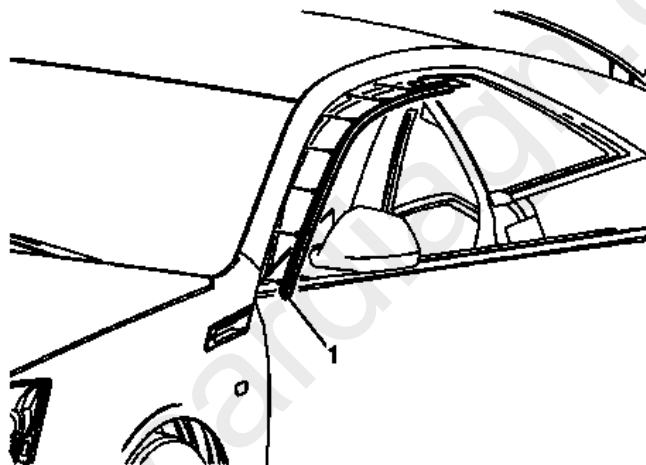


Fig. 28: Roof Drip Scalp Molding (Coupe)

Courtesy of GENERAL MOTORS COMPANY

Roof Drip Scalp Molding Replacement (Coupe)

Callout	Component Name
Preliminary Procedure	
Open the door on the side the roof drip scalp molding is being serviced.	
	Roof Drip Scalp Molding
	WARNING: Use the proper eye protection when drilling to prevent metal chips from causing physical injury.

	Procedure 1. Release the front side door body side weatherstrip in order to access the roof drip scalp molding rivets. 2. Drill the rivets in order to release the roof drip scalp molding from the vehicle. 3. Clean all metal shavings from the sill plate and carpeting if needed. 4. Release and remove the roof drip scalp molding from the front edge of the quarter glass molding. 5. Remove the roof drip scalp molding from the vehicle.
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ROOF PANEL JOINT FINISH MOLDING REPLACEMENT

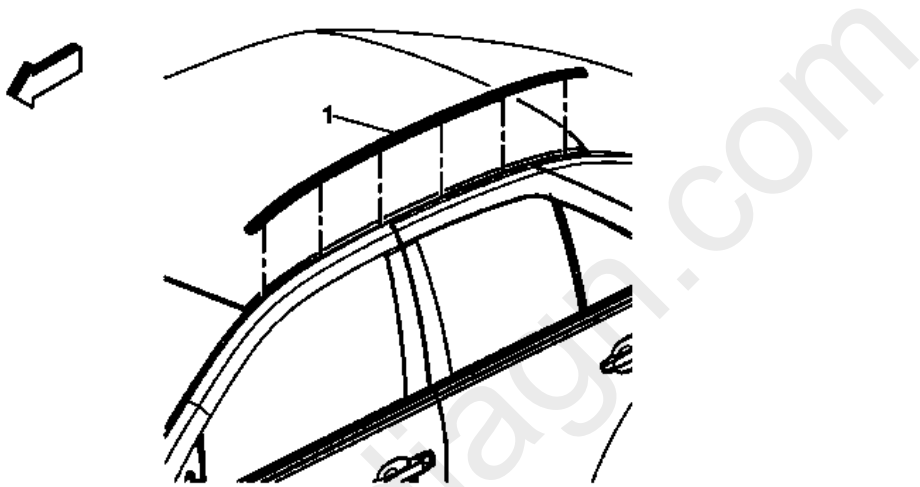


Fig. 29: Identifying Roof Panel Joint Finish Molding
 Courtesy of GENERAL MOTORS COMPANY

Roof Panel Joint Finish Molding Replacement

Callout	Component Name
Preliminary Procedure Begin at the rear window and lift the molding from the ditch, disengaging the molding from the six integral ditch retaining clips.	
1	Roof Panel Joint Finish Molding Assembly Procedure 1. Begin at the front windshield, tuck the finish molding tab to the front roof header. 2. Using a roller-type tool, roll the ditch molding into the ditch securing the molding to each of the six integral ditch retainers. 3. Inspect the levelness of the ditch molding to the roof panel. 4. If not level, roll the area again to achieve a smooth fit to the ditch.

FRONT FENDER ORNAMENT REPLACEMENT

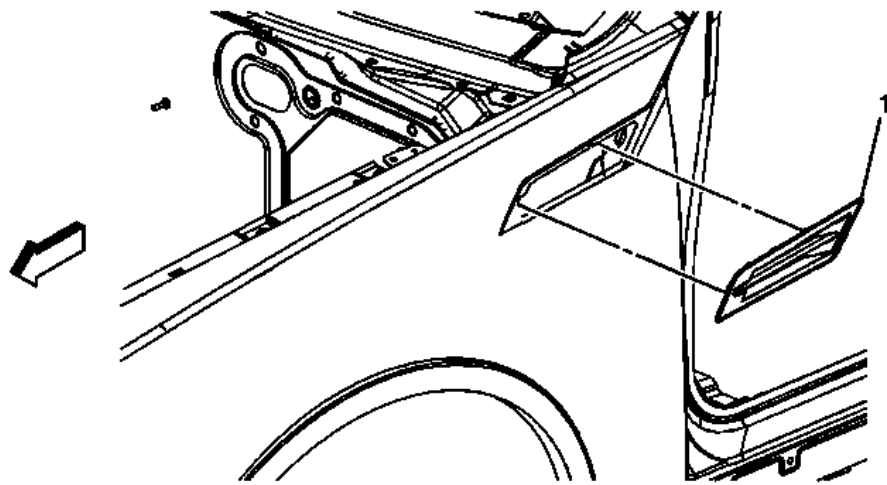


Fig. 30: Identifying Ornament on Front Fender
 Courtesy of GENERAL MOTORS COMPANY

Front Fender Ornament Replacement

Callout	Component Name
1	Front Fender Ornament CAUTION: Refer to <u>Exterior Trim Emblem Removal Caution</u> . Procedure 1. Raise and support the vehicle. Refer to <u>Lifting and Jacking the Vehicle</u> . 2. Remove the wheelhouse liner. Refer to <u>Front Wheelhouse Liner Replacement</u> . 3. Use a J 25070 Heat Gun or equivalent to assist in the removal of the old fender ornament adhesive tape. 4. Apply two layers of masking tape around the forward and rearward corners of the fender ornament. 5. Reach in the wheelhouse and cut the two snap fit retainers securing the ornament to the fender panel. 6. 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. 7. Release the fender ornament from the fender panel. 8. Clean all adhesive residue from the fender panel using a 50/50 mix by volume of clean drinkable water and isopropyl alcohol. 9. Dry the fender panel using a clean lint-free cloth prior to installing the new fender ornament. 10. 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

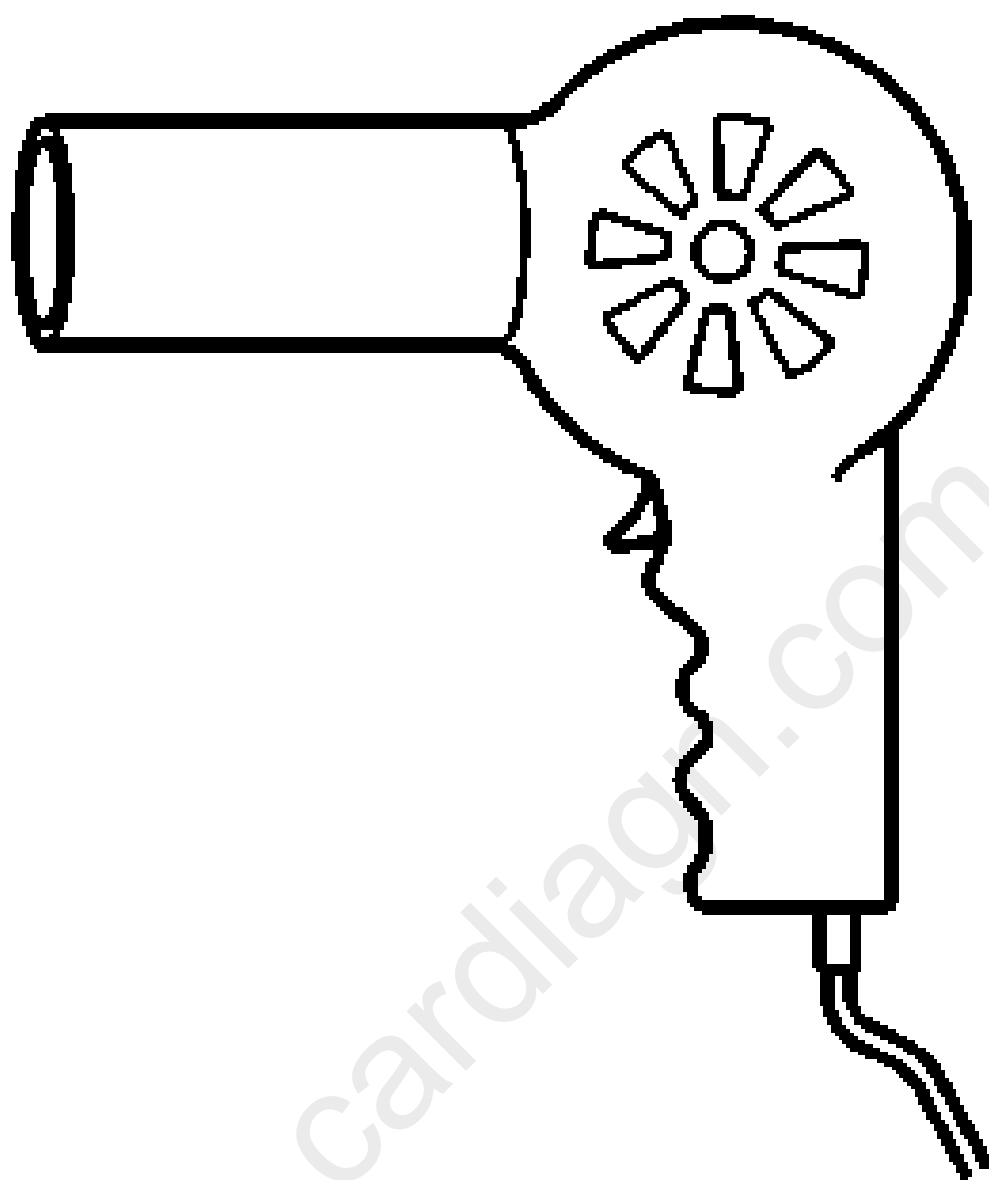
prior to adhesion.

11. Align the rearward retainer first followed by the forward retainer.
12. Press firmly, two audible clicks will be heard when the snap fit retainers engage to the fender panel.
13. Using the palm of the hand, wet out the adhesive tape to the upper fender panel, this will ensure full adhesion of the fender ornament is made to the fender flange.

SPECIAL TOOLS AND EQUIPMENT

SPECIAL TOOLS

Illustration	Tool Number/ Description
	J 25070 Heat Gun- 500-700°F



J 38778
Door Trim
Pad Clip
Remover

cardiagn.com