



- Bolted Exterior Body Panels and Closures
- Bumpers and Fascias
- Collision Repair
- Frame and underbody
- Paint and Coatings
- Plastic Panel Information and Repair R

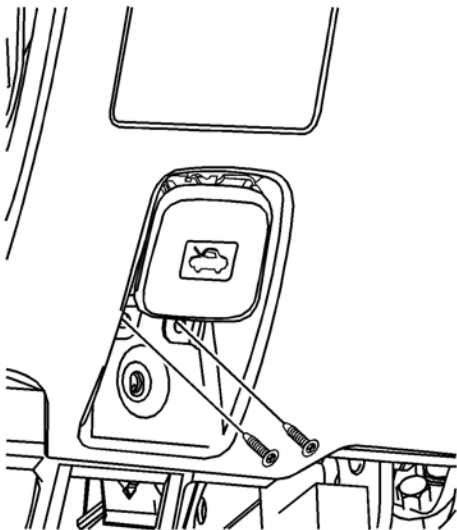


- Hood Primary Latch Release Cable Replacement
- Front Side Door Replacement
- Fuel Tank Filler Door Replacement
- Rear Door Replacement
- Front Fender Replacement (C 105/Short Body)
- Front Fender Replacement (C 100/Long Body)
- Liftgate Replacement
- Hood Hinge Replacement
- Hood Replacement
- Front Fender Insulator Replacement
- Hood Insulator Replacement
- Liftgate Latch Replacement
- Hood Primary Latch Replacement
- Door Check Link Replacement (C 105/Short Body)
- Door Check Link Replacement (C 100/Long Body)
- Hood Strut Replacement
- Door Bottom Auxiliary Sealing Strip Replacement
- Liftgate Strut Replacement
- Door Weatherstrip Replacement
- Front Door Opening Weatherstrip Replacement
- Liftgate Weatherstrip Replacement
- Rear Door Opening Weatherstrip Replacement
- Liftgate Garnish Molding Replacement Upper
- Liftgate Garnish Molding Side Replacement C100/Long body
- Liftgate Garnish Molding Side Replacement C105/Short body
- Liftgate Trim Panel Replacement
- Door Water Deflector Replacement
- Fastener Tightening Specifications

Hood Primary Latch Release Cable Replacement

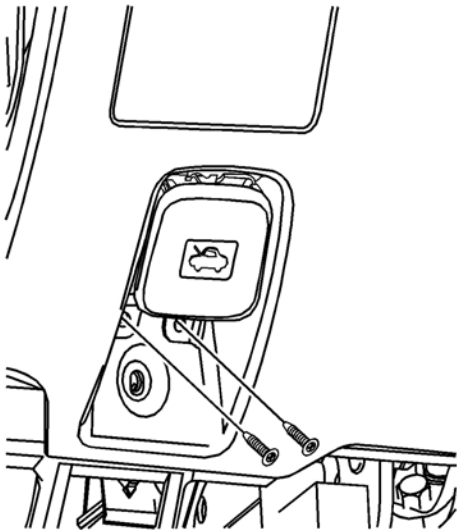
Removal Procedure

Important: Left - Hand Drive Shown, Right - Hand Drive Similar.



1. Remove the hood release handle screws.
2. Remove the knee bolster and the hood release handle.
3. Remove the cable from the hood release handle.
4. Remove the hood secondary latch. Refer to [Hood Primary Latch Replacement](#) .
5. Remove the cable from the engine compartment.

Installation Procedure



1. Install the cable through the engine compartment.
2. Install the hood secondary latch. Refer to [Hood Primary Latch Replacement](#) .
3. Install the cable to the hood release handle.

Notice: Refer to [Fastener Notice](#) in Cautions and Notices.

4. Install the hood release handle and the knee bolster with the screw.

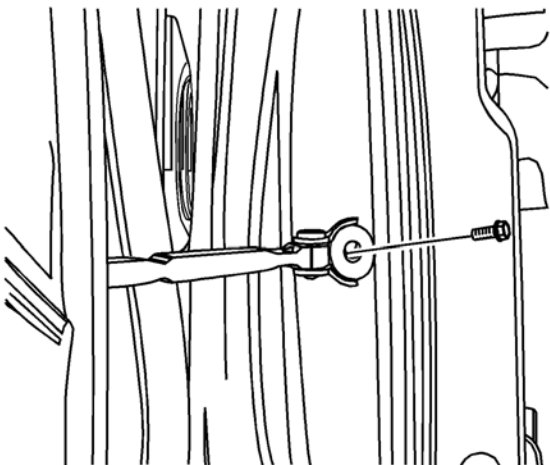
Tighten

Tighten the hood release handle screw to 2 N·m (18 lb in).

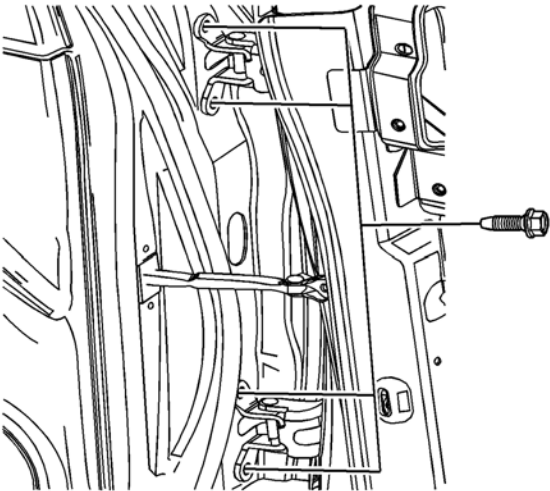
Front Side Door Replacement

Removal Procedure

1. Disconnect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .

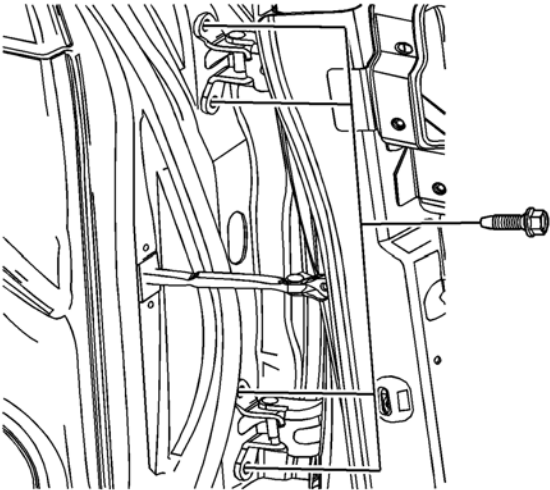


2. Remove the bolt and the door hold-open link from the body.



3. With the aid of another technician, remove the door hinge bolts and the front door.
4. Disconnect the body-to-door rubber grommet and the electrical connector.

Installation Procedure



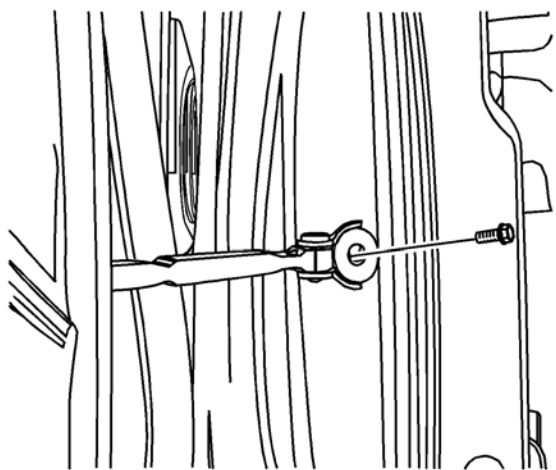
1. Connect the electrical connector and the body-to-door rubber grommet.
2. With the aid of another technician, lightly secure the front door with the door hinge bolts.

Notice: Refer to [Fastener Notice](#) in Cautions and Notices.

3. Adjust the door for proper fit.

Tighten

Tighten the door hinge-to-body bolts to 27.5 N·m (20 lb ft).



4. Install the door hold-open link to the body with the bolts.

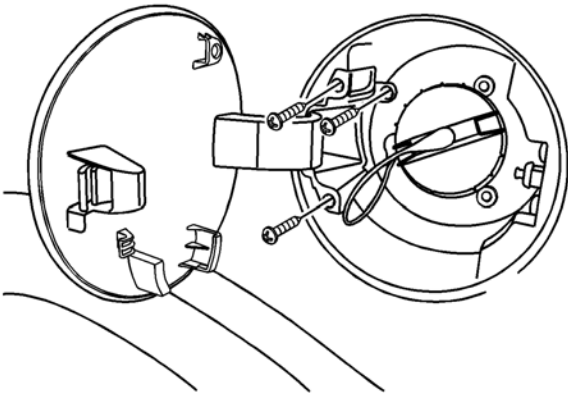
Tighten

Tighten the door hold-open link-to-body bolt to 20 N·m (15 lb ft).

5. Connect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .
6. Perform the waterleak test. Refer to [Water Hose Test](#) .
7. Check for windnoise. Refer to [Exterior Windnoise](#) .

Fuel Tank Filler Door Replacement

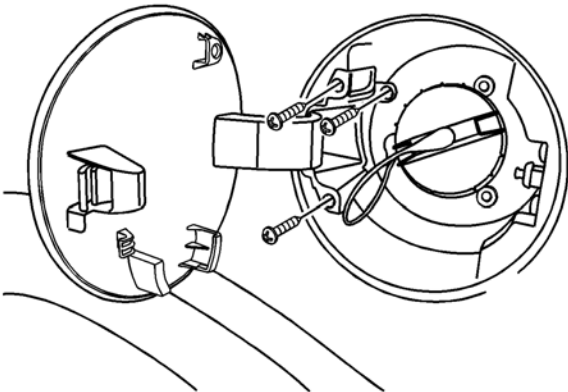
Removal Procedure



Remove the screws and the fuel filler door.

Installation Procedure

Notice: Refer to [Fastener Notice](#) in Cautions and Notices.

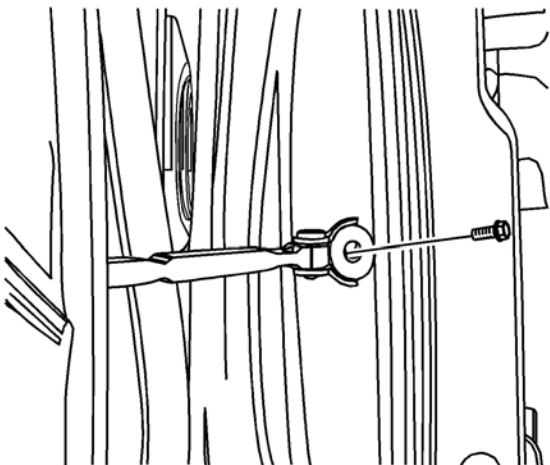


Install the fuel filler door with the screws.

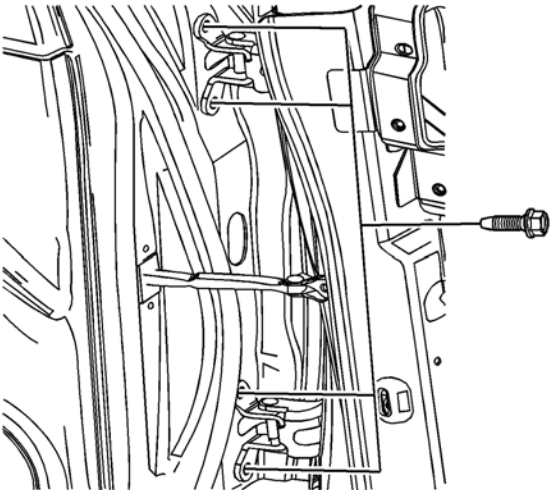
Tighten
Tighten the fuel filler door screws to 4 N·m (35 lb in).

Rear Door Replacement

Removal Procedure

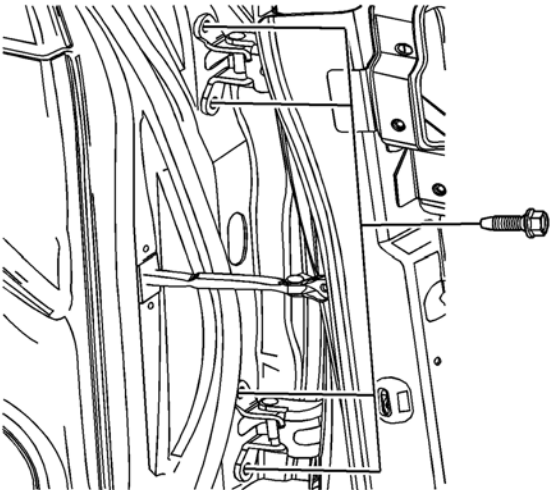


1. Disconnect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .
2. Remove the bolt and the door hold-open link from the body.



3. With the aid of another technician, remove the door hinge bolts and the rear door.
4. Disconnect the body-to-door rubber grommet and the electrical connector.

Installation Procedure



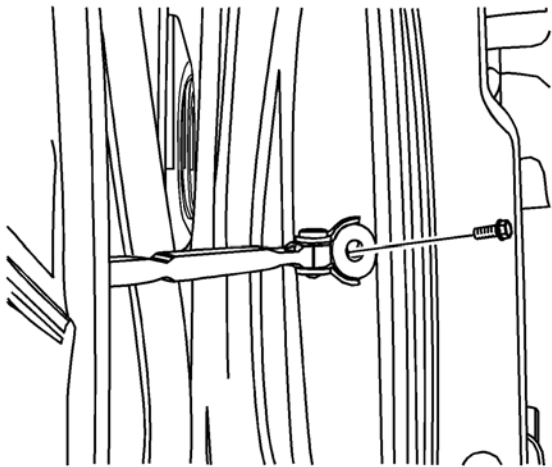
1. Connect the electrical connector and the body-to-door rubber grommet.
2. With the aid of another technician, lightly secure the rear door with the door hinge bolts.

Notice: Refer to [Fastener Notice](#) in Cautions and Notices.

3. Adjust the door for proper fit.

Tighten

Tighten the door hinge-to-body bolts to 27.5 N·m (20 lb ft).



4. Install the door hold-open link to the body with the bolts.

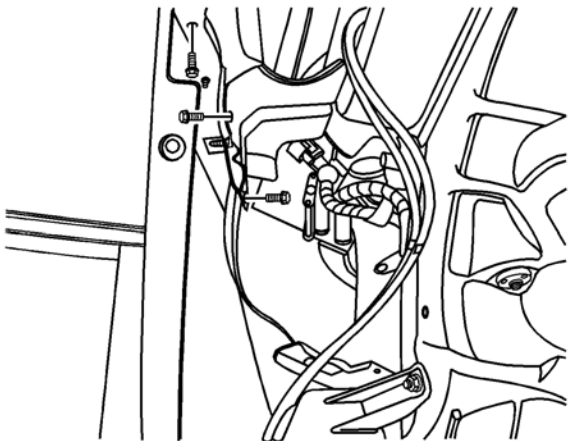
Tighten

Tighten the door hold-open link-to-body bolt to 20 N·m (15 lb ft).

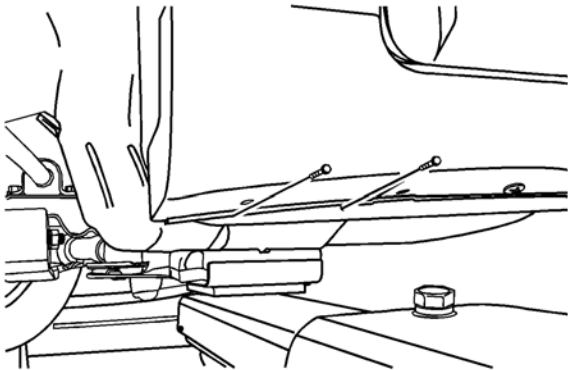
5. Connect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .
6. Perform the waterleak test. Refer to [Water Hose Test](#) .
7. Check for windnoise. Refer to [Exterior Windnoise](#) .

Front Fender Replacement (C 105/Short Body)

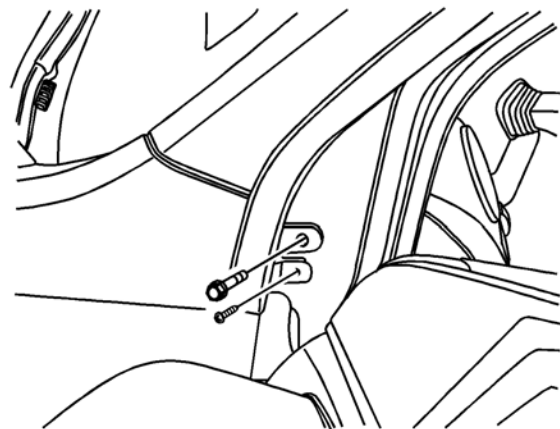
Removal Procedure



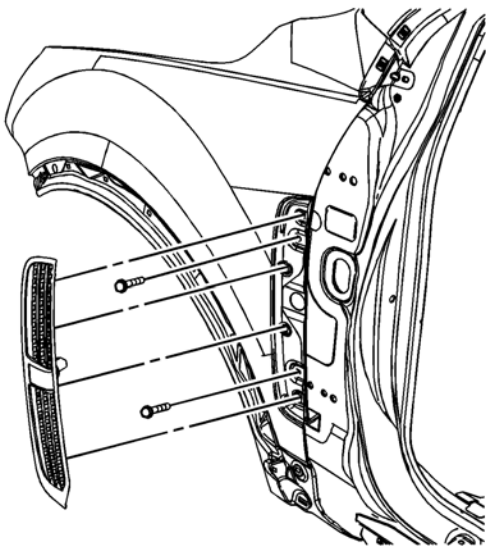
1. Remove the front fender liner. Refer to [Fender Liner Replacement](#) .
2. Remove the bolts securing the front fascia to the fender.



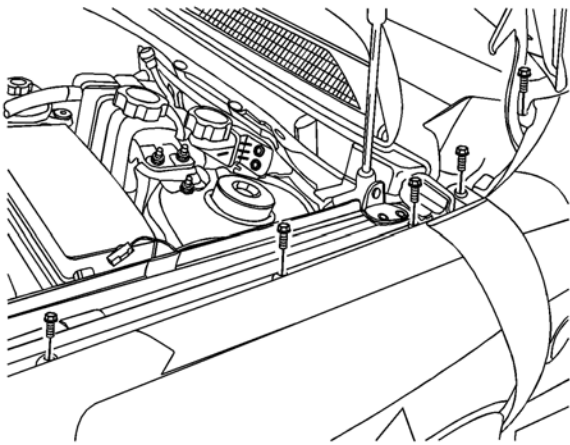
3. Reposition the front fascia.
4. Remove the fender bolts behind the front fascia.
5. Remove the rocker panel molding. Refer to [Rocker Panel Molding Replacement](#) .
6. Remove the bolts at the base of the fender.



7. Open the front door and remove the bolt at the base of the A-pillar.



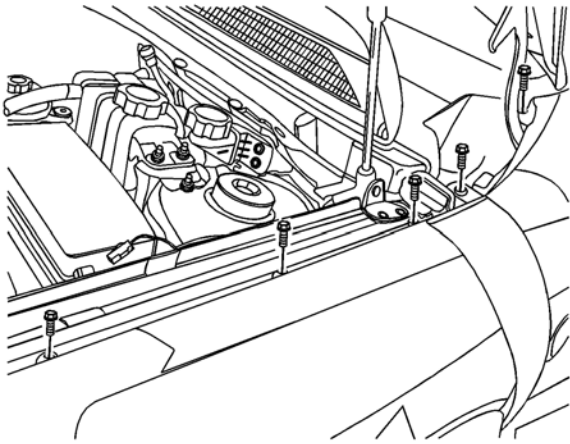
- 8. Remove the fender center molding from the fender by disengaging the four retainer clips.
- 9. Remove the fender bolts.



- 10. Remove the upper fender bolts and the fender.

Installation Procedure

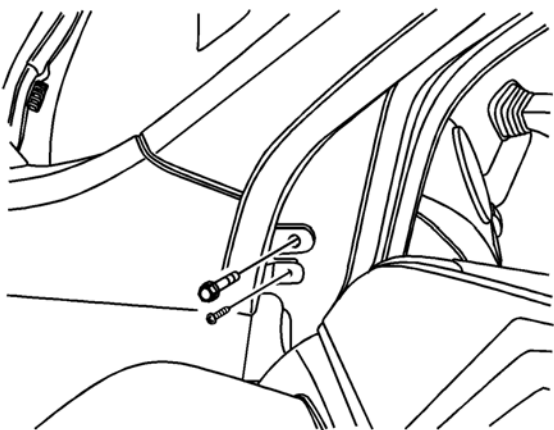
Notice: Refer to [Fastener Notice](#) in the Preface section.



- 1. Install the fender with the upper fender bolts.

Tighten

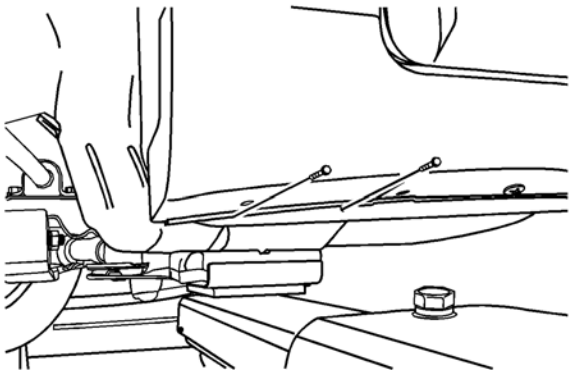
Tighten the upper fender bolts to 10 N·m (89 lb in).



2. Install the bolt at the base of the A-pillar.

Tighten

Tighten the A-pillar fender bolt to 10 N·m (89 lb in).



3. Install the bolts at the base of the fender.

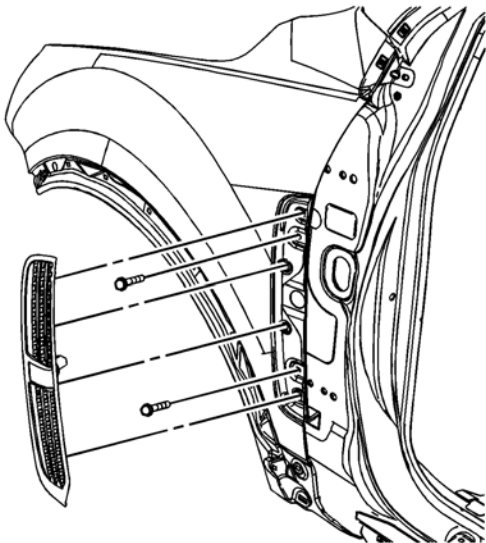
Tighten

Tighten the lower fender bolts to 10 N·m (89 lb in).

4. Install the rocker panel molding. Refer to [Rocker Panel Molding Replacement](#) .
5. Install the front fender bolts behind the front fascia.

Tighten

Tighten the front fender bolts to 10 N·m (89 lb in).

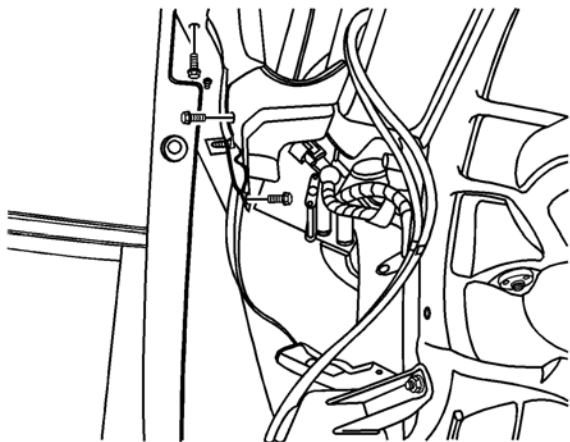


6. Install the fender bolts.

Tighten

Tighten the front fender bolts to 10 N·m (89 lb in).

7. Install the fender center molding.



- 8. Install the front fascia to its original position.
- 9. Install the bolts securing the front fascia to the fender.

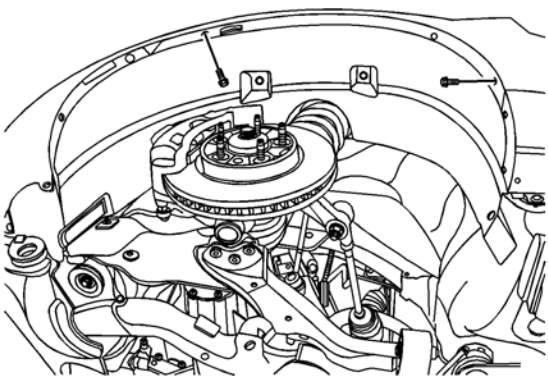
Tighten

Tighten the front fascia-to-fender bolts to 2.5 N·m (22 lb in).

- 10. Install the front fender liner. Refer to [Fender Liner Replacement](#) .

Front Fender Replacement (C 100/Long Body)

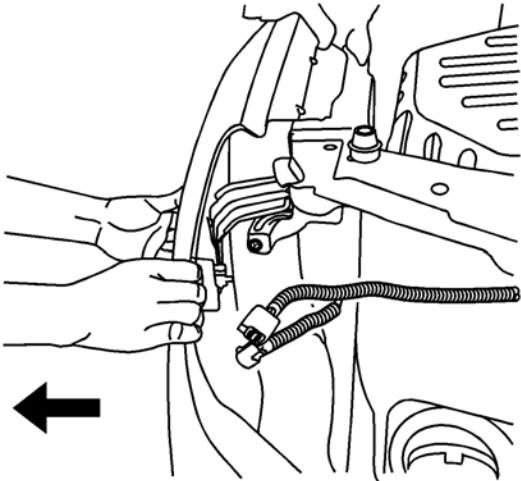
Removal Procedure



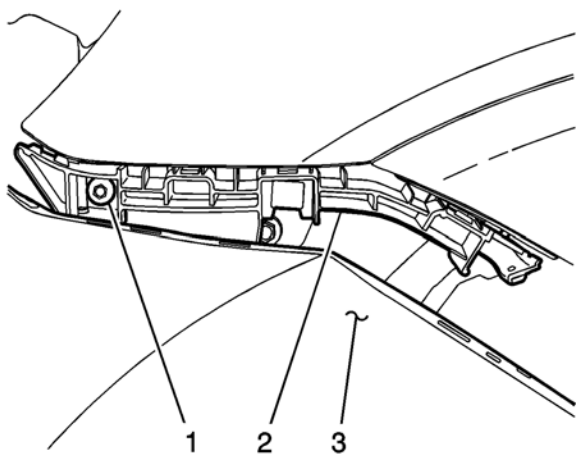
1. Remove the two fender liner screws.



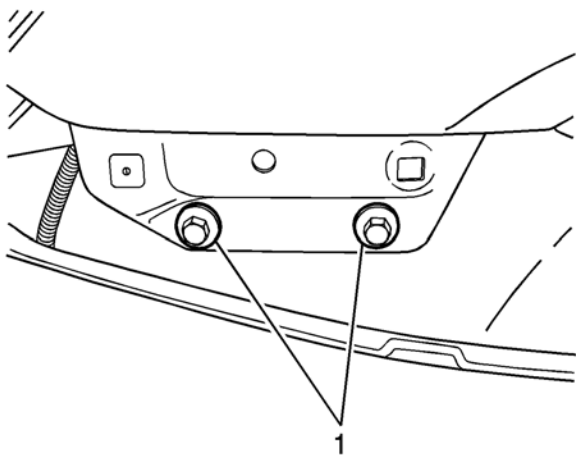
2. Remove the screw (1) securing the front fascia to the fender.



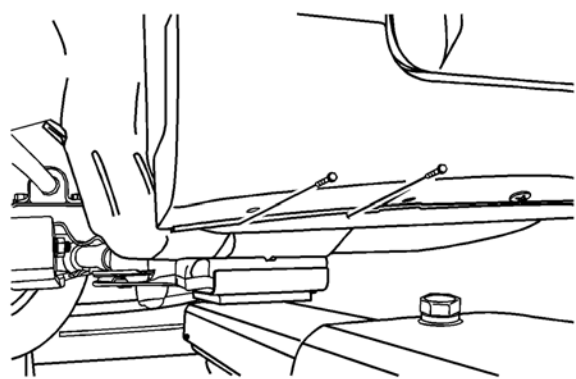
3. Reposition the front fascia from the fender by pulling the side of the front fascia outward.



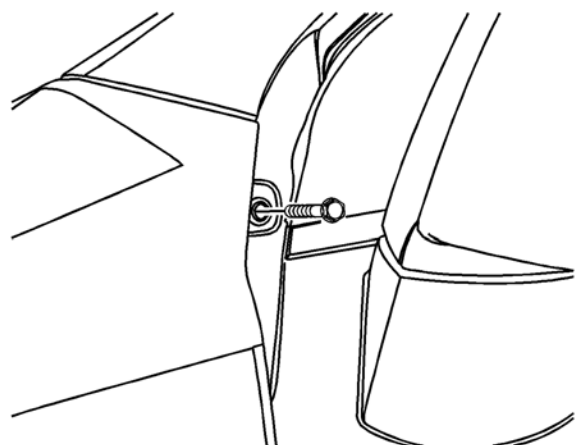
4. Pull back on front fascia (3) and remove the bolt (1) that secures the front fascia to fender bracket (2)
5. Pull back and remove the front fascia to fender bracket (2) from the fender.



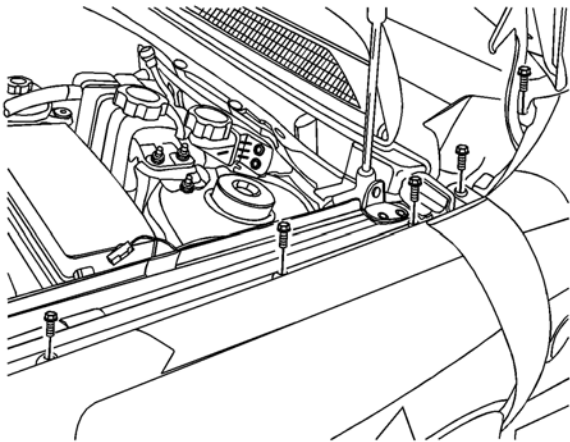
6. Remove the two bolts (1) from the front of the fender behind the front fascia.



7. Remove the rocker panel molding. Refer to [Rocker Panel Molding Replacement](#) .
8. Remove the bolts at the base of the fender.



9. Open the front door and remove the bolt at the base of the A-pillar.

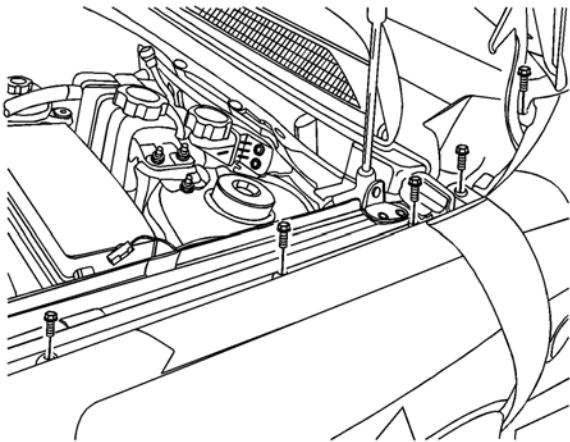


10. Remove the upper fender bolts and the fender.
11. Remove the fender wheel opening molding, if equipped. Refer to [Front Fender Wheel Opening Molding Replacement](#) .
12. Remove the fender insulator, if necessary. Refer to [Front Fender Insulator Replacement](#) .
13. Remove the fender vent grille, if necessary.

Installation Procedure

1. Install the fender vent grille, if removed.
2. Install the fender insulator, if removed. Refer to [Front Fender Insulator Replacement](#) .
3. Install the fender wheel opening molding, if removed. Refer to [Front Fender Wheel Opening Molding Replacement](#) .

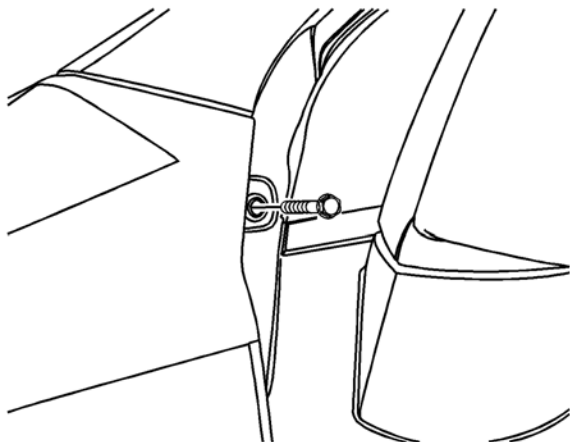
Notice: Refer to [Fastener Notice](#) in the Preface section.



4. Install the fender with the upper fender bolts.

Tighten

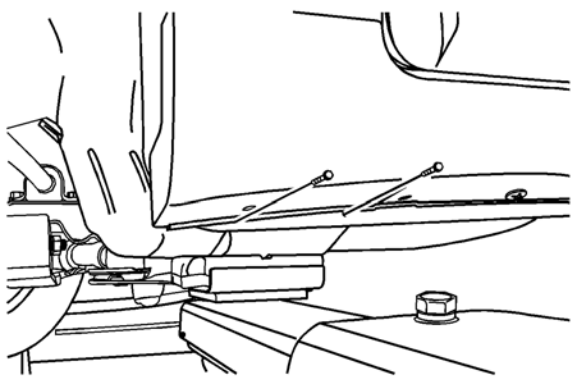
Tighten the upper fender bolts to 10 N·m (89 lb in).



5. Install the bolt at the base of the A-pillar.

Tighten

Tighten the A-pillar fender bolt to 10 N·m (89 lb in).

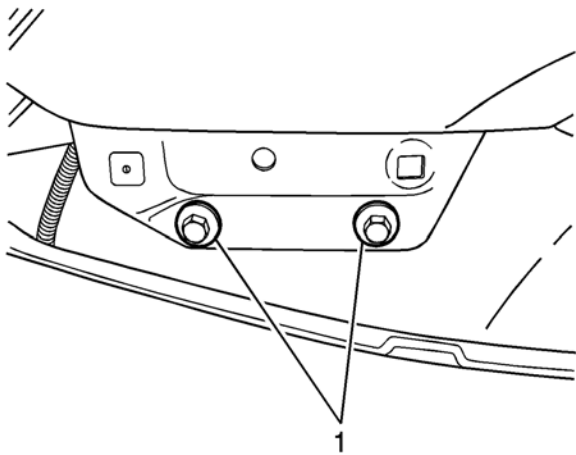


6. Install the bolts at the base of the fender.

Tighten

Tighten the lower fender bolts to 10 N·m (89 lb in).

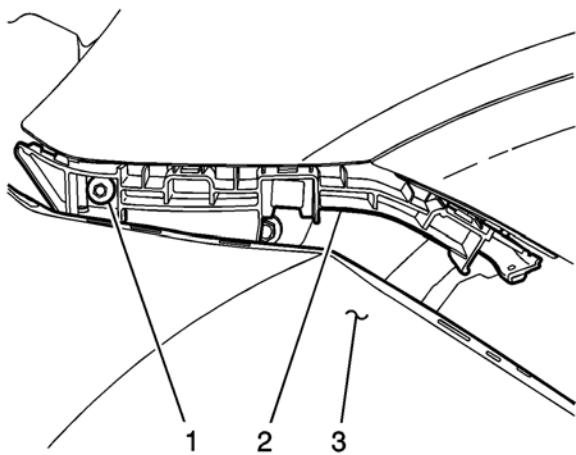
7. Install the rocker panel molding. Refer to [Rocker Panel Molding Replacement](#) .



8. Install the two fender bolts (1) behind the front fascia.

Tighten

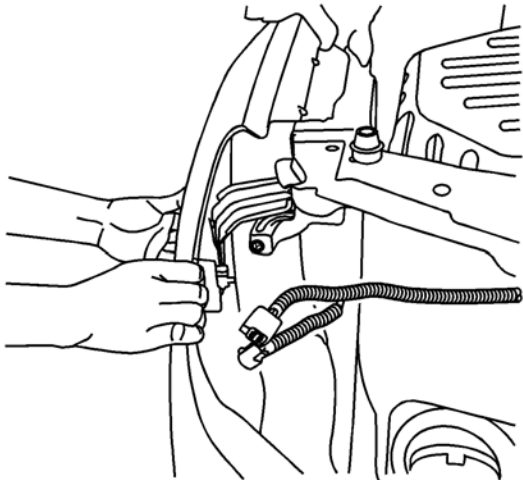
Tighten the two fender bolts to 10 N·m (89 lb in).



9. Reposition the front fascia (3) and install the front fascia to fender bracket (2) to the fender.
10. Install the front fascia to fender bracket bolt (1).

Tighten

Tighten the front fascia bracket to fender bolt to 10 N·m (89 lb in).



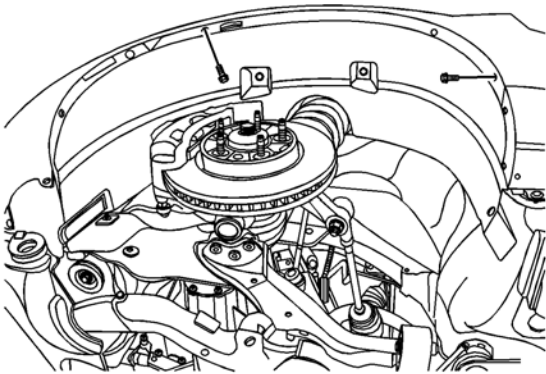
11. Install the front fascia to its original position.



12. install the screw (1) securing the front fascia to the fender.

Tighten

Tighten the front fascia-to-fender screw to 2.5 N·m (22 lb in).

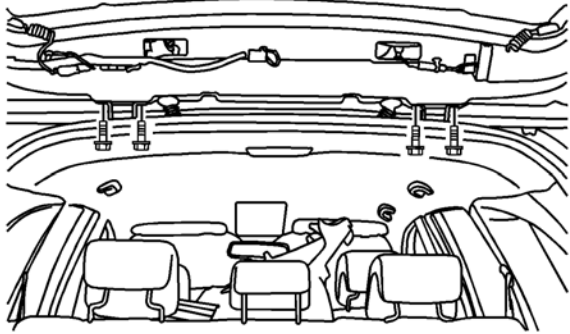


13. Install the two fender liner screws.

Liftgate Replacement

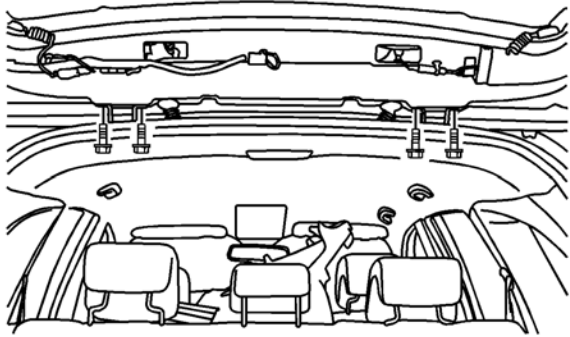
Removal Procedure

1. Remove the liftgate window upper garnish molding. Refer to [Liftgate Garnish Molding Replacement](#) .



2. Open the liftgate and support.
3. Disconnect the liftgate wiring connectors.
4. Disconnect the rear washer hose.
5. Pull the liftgate wiring grommet, the connectors and the rear washer hose out of the rear header.
6. Remove the liftgate struts. Refer to [Liftgate Strut Replacement](#) .
7. Mark the location of the liftgate hinges to the body with a grease pencil.
8. Remove the liftgate hinge attachment bolts.
9. With the aid of an assistant, remove the liftgate from the vehicle.

Installation Procedure



1. With the aid of an assistant, position the liftgate hinges to the marked location points on the body.

Important: New hinge to body nuts must be used to ensure a proper seal.

Notice: Refer to [Fastener Notice](#) in Cautions and Notices.

2. Install the liftgate hinge attachment bolts.

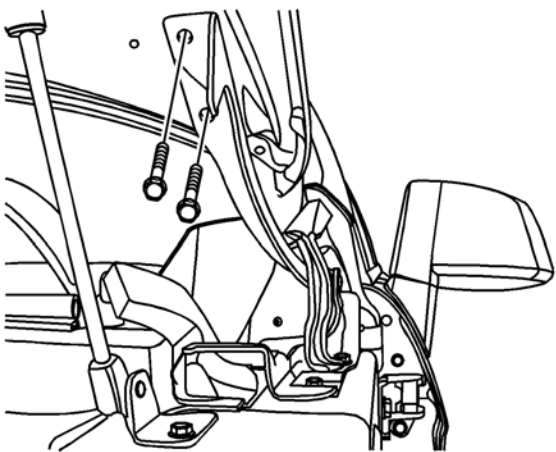
Tighten

Tighten the liftgate hinge bolts to 25 N·m (18 lb in).

3. Verify the alignment of the liftgate. Adjust as necessary.
4. Install the liftgate struts. Refer to [Liftgate Strut Replacement](#) .
5. Install the liftgate wiring grommet, the connectors and the hose into the rear header.
6. Connect the liftgate wiring connectors.
7. Connect the rear washer hose.
8. Install the liftgate window upper garnish molding. Refer to [Liftgate Garnish Molding Replacement](#) .

Hood Hinge Replacement

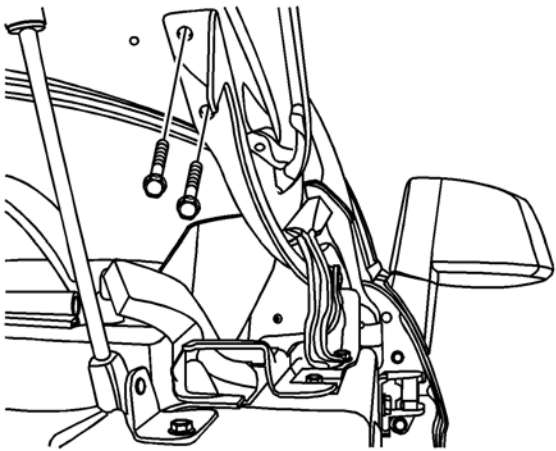
Removal Procedure



1. Remove the hood. Refer to [Hood Replacement](#) .
2. Remove the fender. Refer to [Front Fender Replacement](#) .
3. Remove the bolts and the hinge.

Installation Procedure

Notice: Refer to [Fastener Notice](#) in Cautions and Notices.



1. Install the hinge with the bolts.

Tighten

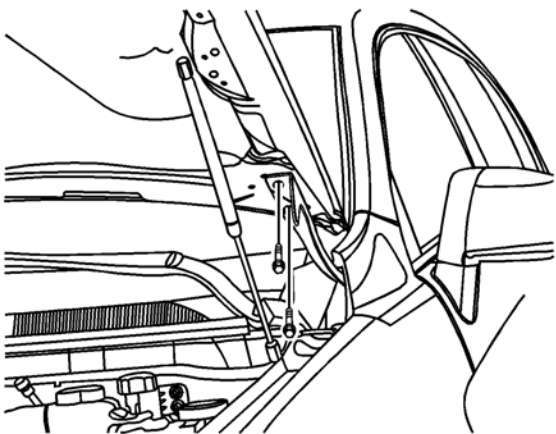
Tighten the hinge bolts to 24 N·m (18 lb ft).

2. Install the fender. Refer to [Front Fender Replacement](#) .
3. Install the hood. Refer to [Hood Replacement](#) .

Hood Replacement

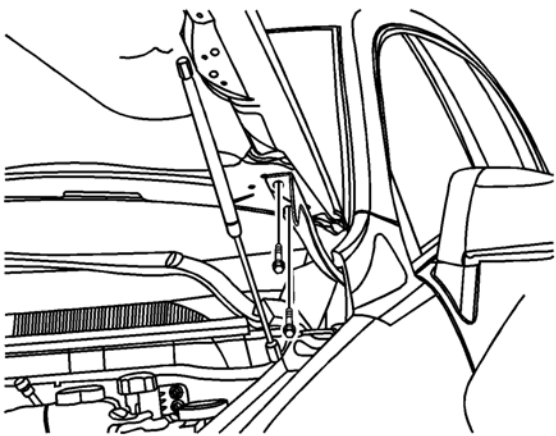
Removal Procedure

Important: Install protective coverings over the fenders and the windshield to prevent damage to the paint, the glass, and the moldings when removing and installing the hood.



1. Raise and support the hood.
2. Mark the position of the hinge to the hood to aid in alignment during installation.
3. Remove the washer hoses from the hood.
4. Remove the hood struts. Refer to [Hood Strut Replacement](#) .
5. Remove the bolts retaining the hood to both of the hinges.
6. With the aid of another technician, remove the hood from the hinges.

Installation Procedure



1. With the aid of another technician, position the hood in the location marked during removal.

Notice: Refer to [Fastener Notice](#) in Cautions and Notices.

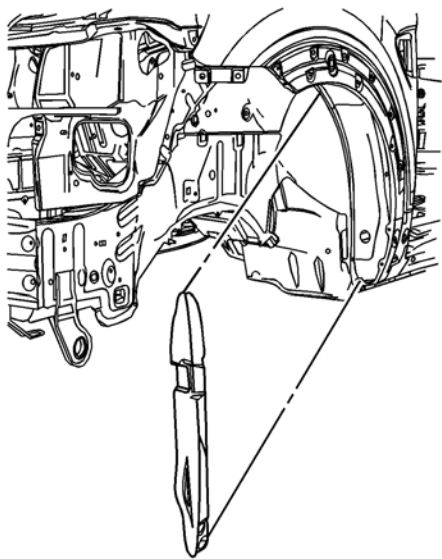
2. Install the two bolts securing the hood to each hinge.

Tighten
Tighten the hood-to-hinge bolts to 24 N·m (18 lb ft).

3. Install the hood struts. Refer to [Hood Strut Replacement](#) .
4. Inspect the hood for proper alignment.
5. Install the washer hoses to the hood.

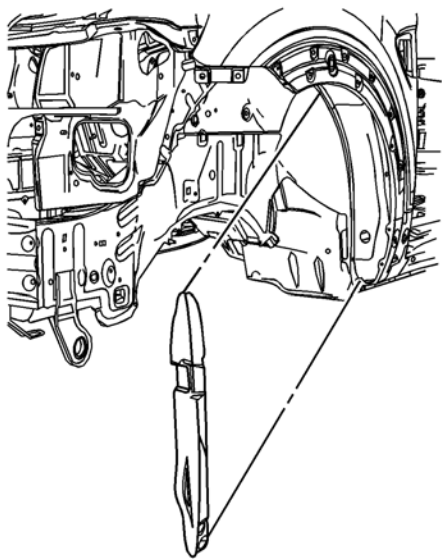
Front Fender Insulator Replacement

Removal Procedure



1. Raise and suitably support the vehicle. Refer to [Lifting and Jacking the Vehicle](#) .
2. Remove the front wheel. Refer to [Tire and Wheel Removal and Installation](#) .
3. Remove the front fender liner. Refer to [Fender Liner Replacement](#) .
4. Remove the front fender insulator.

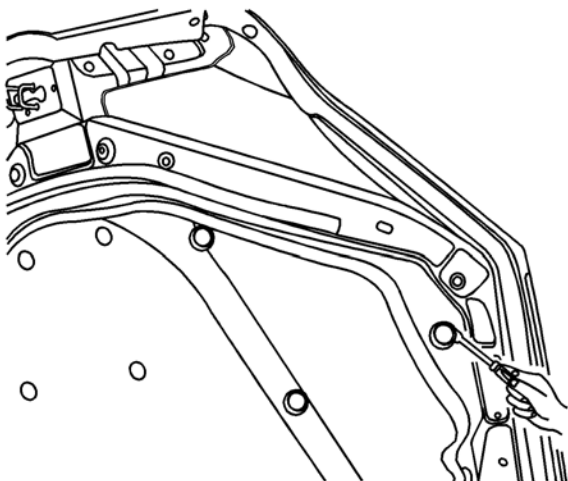
Installation Procedure



1. Install the front fender insulator.
2. Install the front fender liner. Refer to [Fender Liner Replacement](#) .
3. Install the front wheel. Refer to [Tire and Wheel Removal and Installation](#) .
4. Lower the vehicle.

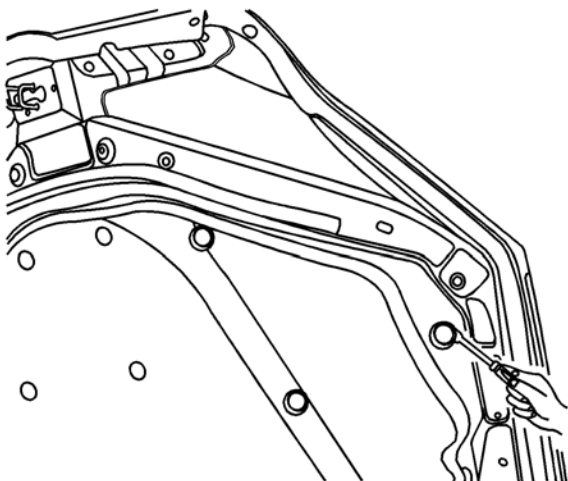
Hood Insulator Replacement

Removal Procedure



1. Open the hood.
2. Remove the washer hose from the hood.
3. Remove the retaining clips .
4. Remove the hood insulation.

Installation Procedure

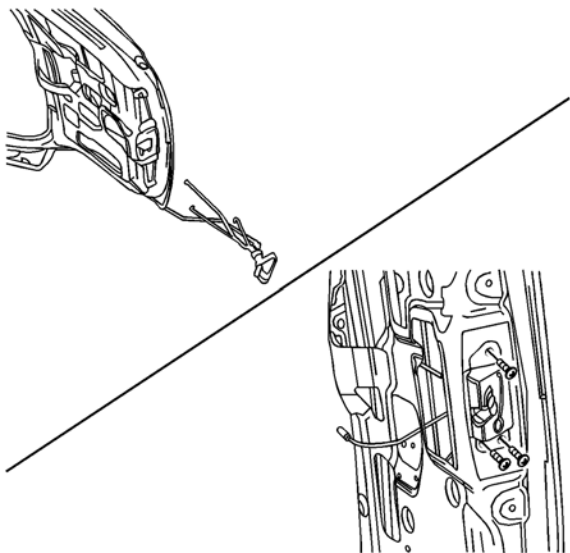


1. Install the hood insulation with the retaining clips.
2. Install the washer hose to the hood.
3. Close the hood.

Liftgate Latch Replacement

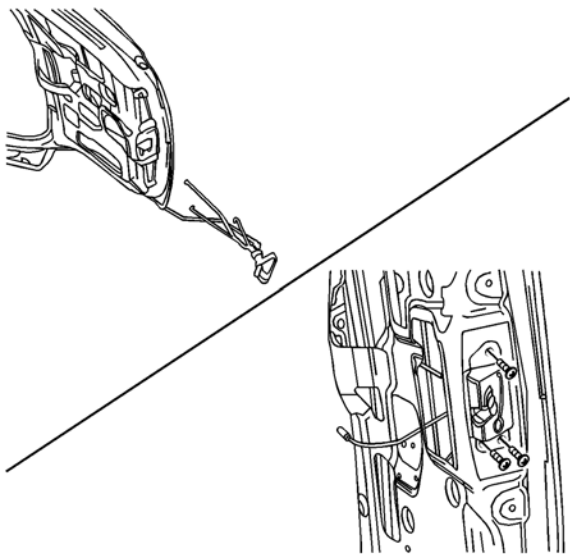
Removal Procedure

1. Remove the liftgate lower trim. Refer to [Liftgate Trim Panel Replacement](#) .



2. Disconnect the lock rod.
3. Disconnect the electrical connector.
4. Remove the bolts and the liftgate latch.

Installation Procedure



1. Connect the electrical connector.
2. Connect the lock rod.

Notice: Refer to [Fastener Notice](#) in Cautions and Notices.

3. Secure the liftgate latch with the bolts.

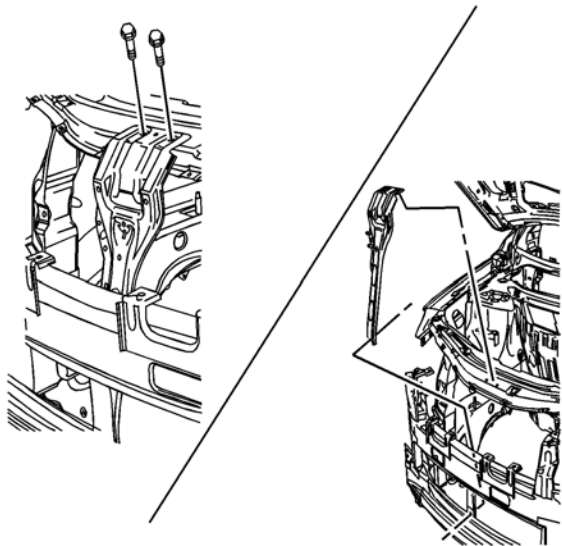
Tighten

Tighten the liftgate latch bolt to 10 N·m (89 lb in).

4. Install the liftgate lower trim. Refer to [Liftgate Trim Panel Replacement](#) .

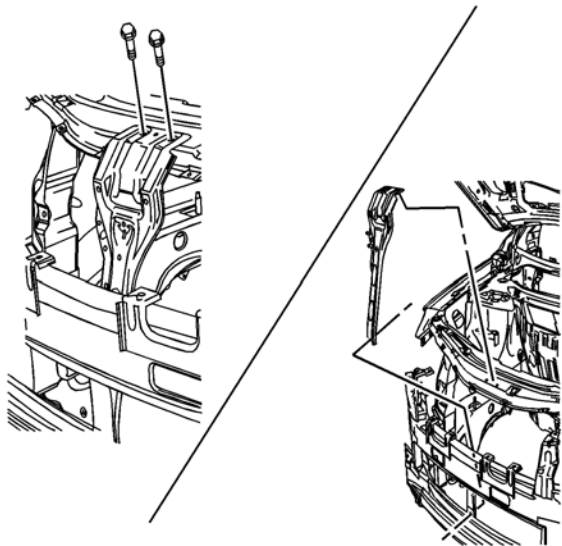
Hood Primary Latch Replacement

Removal Procedure



1. Open the hood.
2. Mark the position of the hood latch on the radiator support to aid in alignment during installation.
3. Remove the radiator grille guide.
4. Remove the front bumper. Refer to [Front Bumper Fascia Replacement](#) .
5. Remove the bolts and the hood latch.
6. Disconnect the hood release cable.

Installation Procedure



1. Connect the hood release cable to the latch.
2. Position the hood latch in the location marked during removal.
3. Install the front bumper. Refer to [Front Bumper Fascia Replacement](#) .
4. Install the radiator grille guide.

Notice: Refer to [Fastener Notice](#) in Cautions and Notices.

5. Install the hood latch with the bolts.

Tighten

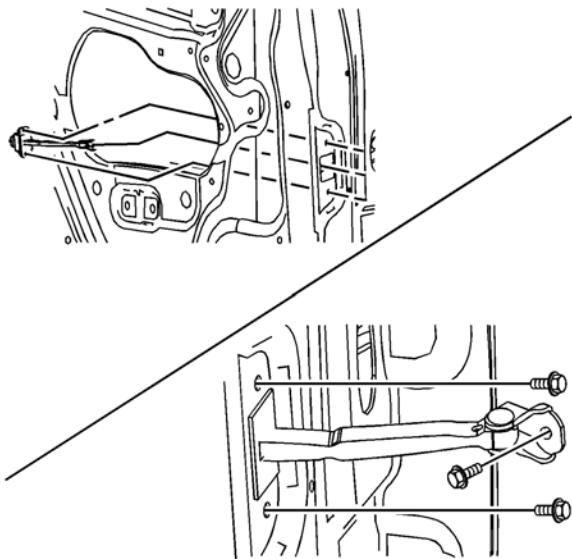
Tighten the hood latch bolts to 12 N·m (106 lb in).

6. Close the hood.

Door Check Link Replacement (C 105/Short Body)

Removal Procedure

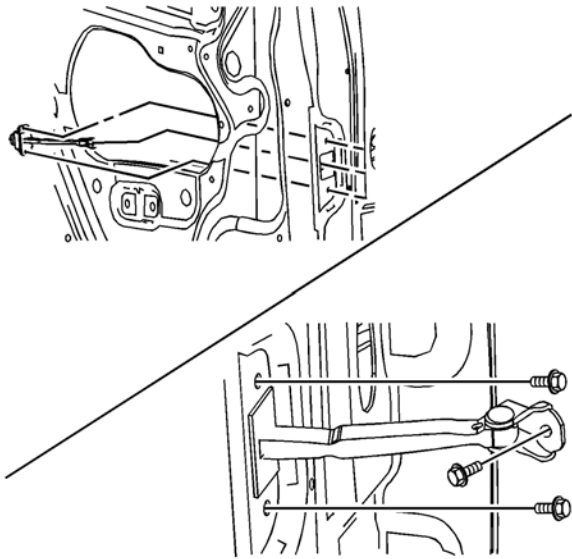
1. Remove the door water deflector. Refer to [Door Water Deflector Replacement](#) .



2. Remove the bolts on the door and on the body.
3. Remove the door hold-open link.

Installation Procedure

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



1. Install the door hold-open link to the door and the body with the bolts.

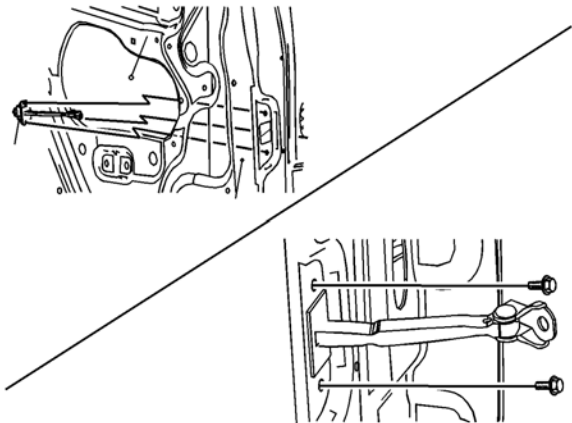
Tighten

- Tighten the door hold-open link-to-body bolt to 20 N·m (15 lb ft).
 - Tighten the door hold-open link-to-door bolts to 7 N·m (62 lb in).
2. Install the door water deflector. Refer to [Door Water Deflector Replacement](#) .

Door Check Link Replacement (C 100/Long Body)

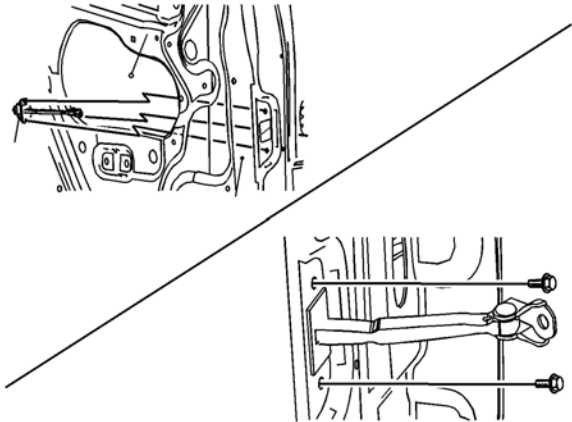
Removal Procedure

1. Remove the door water deflector. Refer to [Door Water Deflector Replacement](#) .



2. Remove the bolts on the door and on the body.
3. Remove the door hold-open link.

Installation Procedure



1. Install the door hold-open link to the door and the body with the bolts.

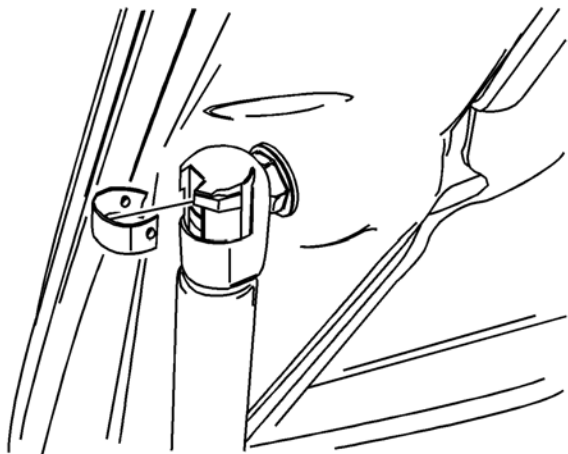
Tighten

- Tighten the door hold-open link-to-body bolt to 20 N·m (15 lb ft).
- Tighten the door hold-open link-to-door bolts to 9 N·m (80 lb in).

Install the door water deflector. Refer to [Door Water Deflector Replacement](#) .

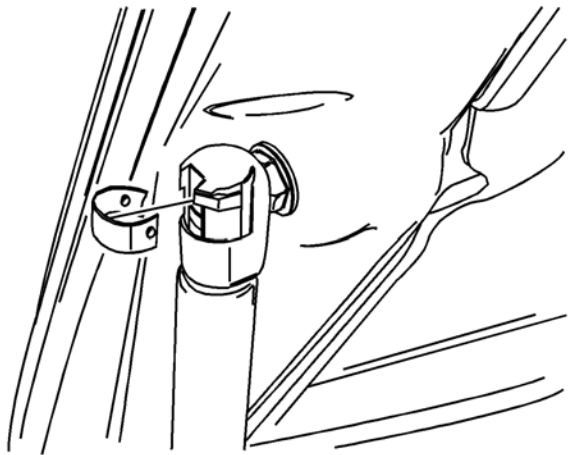
Hood Strut Replacement

Removal Procedure



1. Raise and support the hood.
2. Remove the retaining clips and the hood strut.

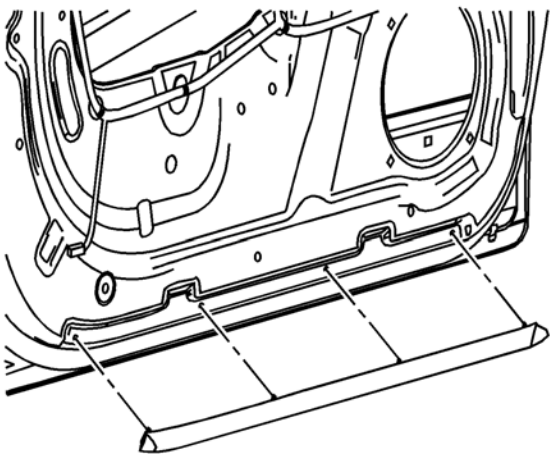
Installation Procedure



1. Install the retaining clips and the hood strut.
2. Close the hood.

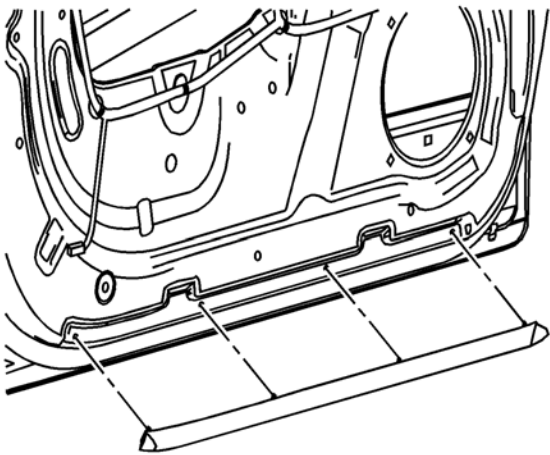
Door Bottom Auxiliary Sealing Strip Replacement

Removal Procedure



1. Open the door.
2. Remove the door lower weather-strip from the door.

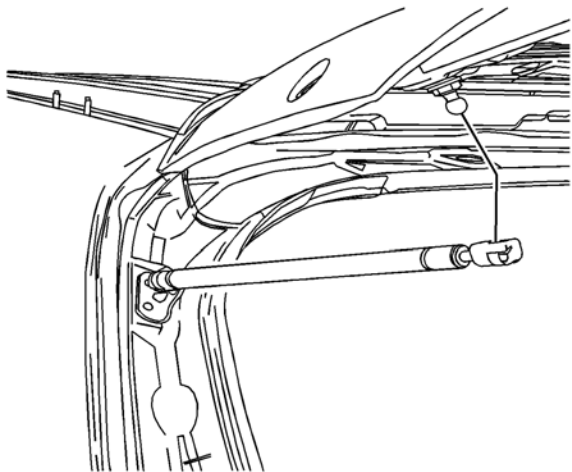
Installation Procedure



1. Install the door lower weather-strip.
2. Close door.

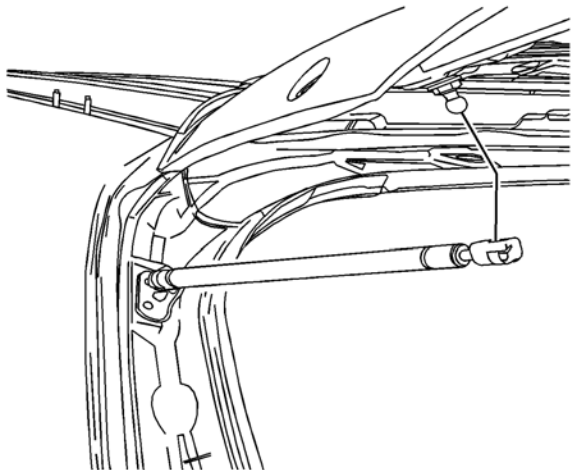
Liftgate Strut Replacement

Removal Procedure



1. Raise and support the liftgate in the open position.
2. Lift up and partially remove the spring clips on the strut using a small flat-bladed tool.
3. Remove the upper end of the strut from the ball joint.
4. Remove the lower end of the strut from the ball joint.
5. Remove the strut from the liftgate.

Installation Procedure



1. Position the strut to the liftgate.
2. Install the upper end of the strut to the ball joint.

Press in to place until fully seated.

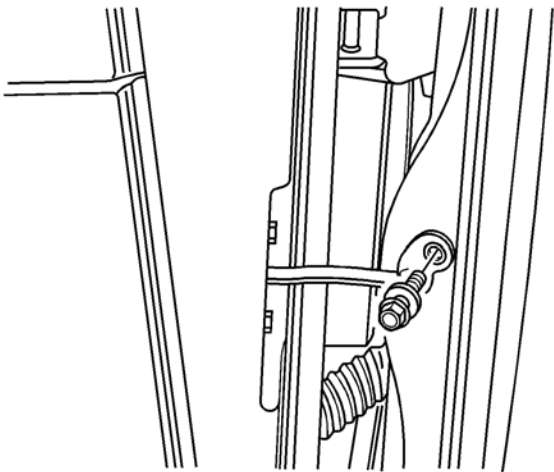
3. Install the lower end of the strut to the ball joint.

Press in to place until fully seated.

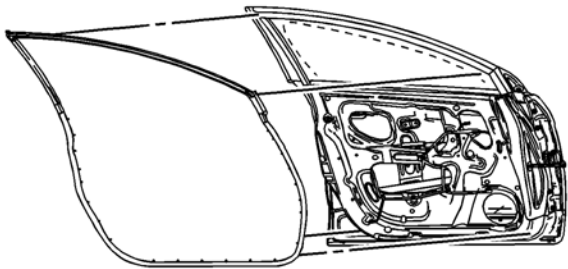
4. Remove the support from the liftgate.
5. Close the liftgate.

Door Weatherstrip Replacement

Removal Procedure

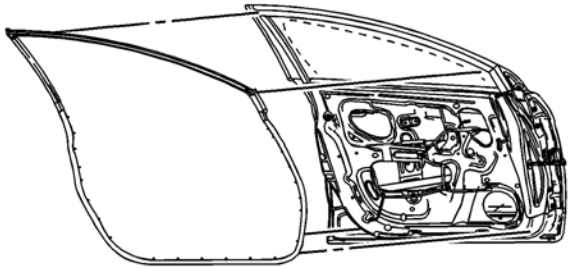


1. Remove the door hold-open link-to-body bolt and the door hold-open link.



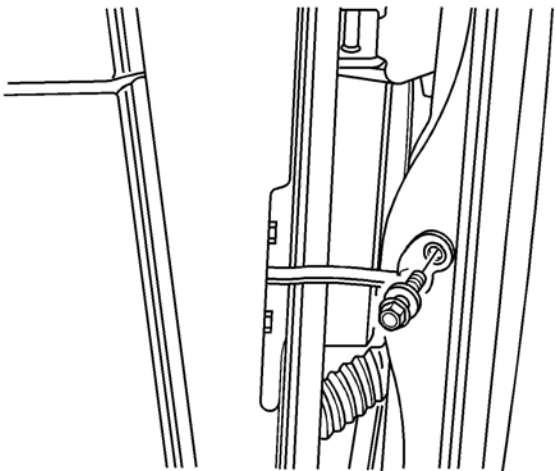
2. Remove the door weather strip.

Installation Procedure



1. Install the door weather strip.

Notice: Refer to [Fastener Notice](#) in Cautions and Notices.



2. Install the door hold-open link to the body with the bolt.

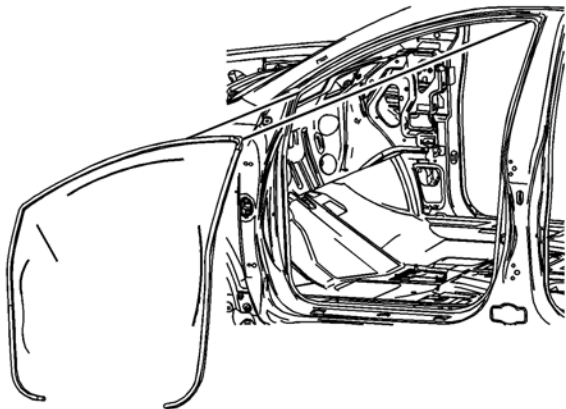
Tighten

Tighten the door hold-open link-to-body bolt to 20 N·m (15 lb ft).

Front Door Opening Weatherstrip Replacement

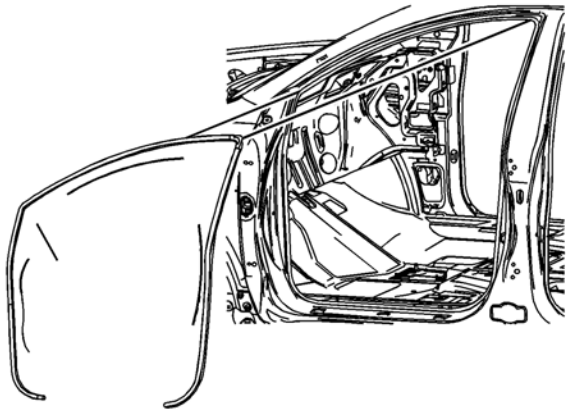
Removal Procedure

1. Remove the front door sill plate. Refer to [Front Side Door Sill Plate Replacement](#) .



2. Remove the front door opening weather strip.

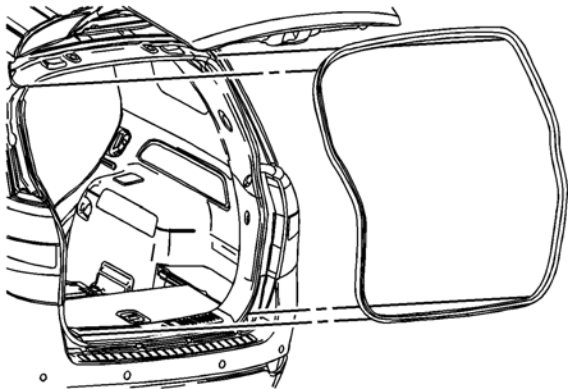
Installation Procedure



1. Install the front door opening weather strip.
2. Install the front door sill plate. Refer to [Front Side Door Sill Plate Replacement](#) .

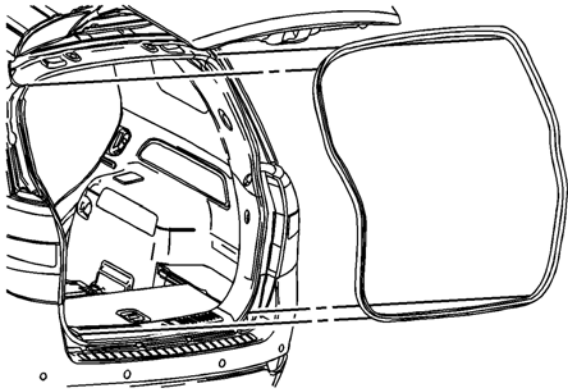
Liftgate Weatherstrip Replacement

Removal Procedure



1. Open the liftgate.
2. Remove the weather strip from around the gutter.

Installation Procedure

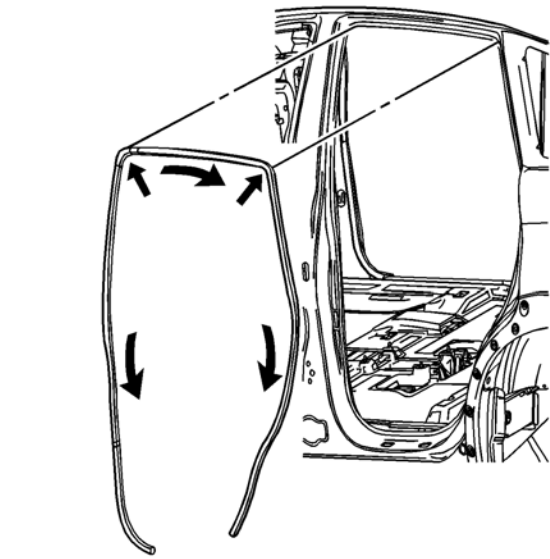


1. Install the weather strip onto the gutter flange.
2. Inspect the weather strip. Make sure that the clinch is completely seated onto the flange.
3. Install the new weather strip onto the gutter flange.

Rear Door Opening Weatherstrip Replacement

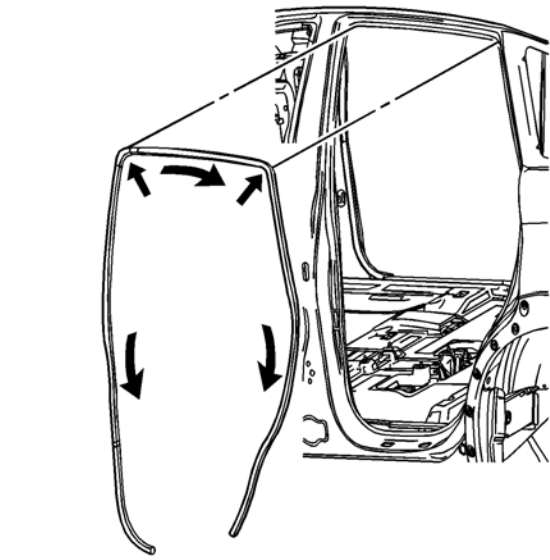
Removal Procedure

1. Remove the rear door sill plate. Refer to [Rear Side Door Sill Plate Replacement](#) .



2. Remove the rear door opening weather strip.

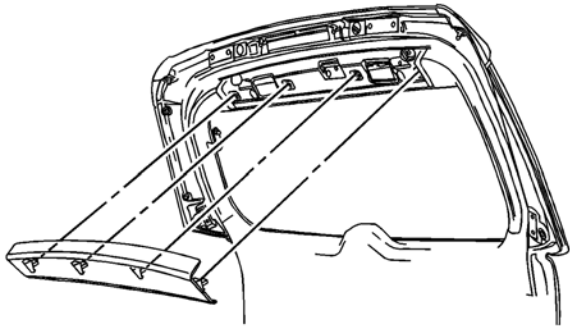
Installation Procedure



1. Install the rear door opening weather strip.
2. Install the rear door sill plate. Refer to [Rear Side Door Sill Plate Replacement](#) .

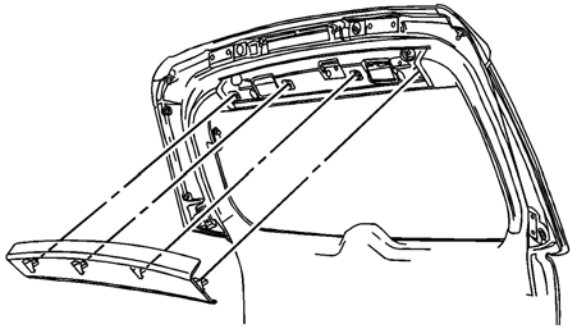
Liftgate Garnish Molding Replacement (Upper)

Removal Procedure



1. Open the liftgate.
2. Remove the liftgate window upper garnish molding.

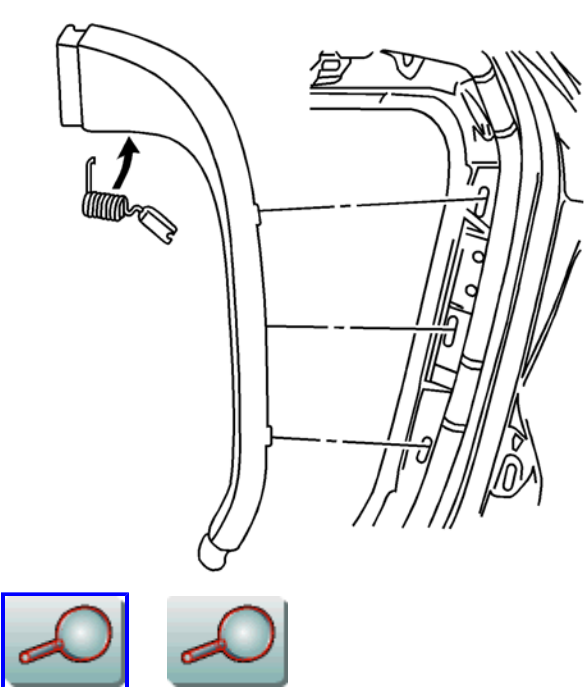
Installation Procedure



1. Install the liftgate window upper garnish molding.
2. Close the liftgate.

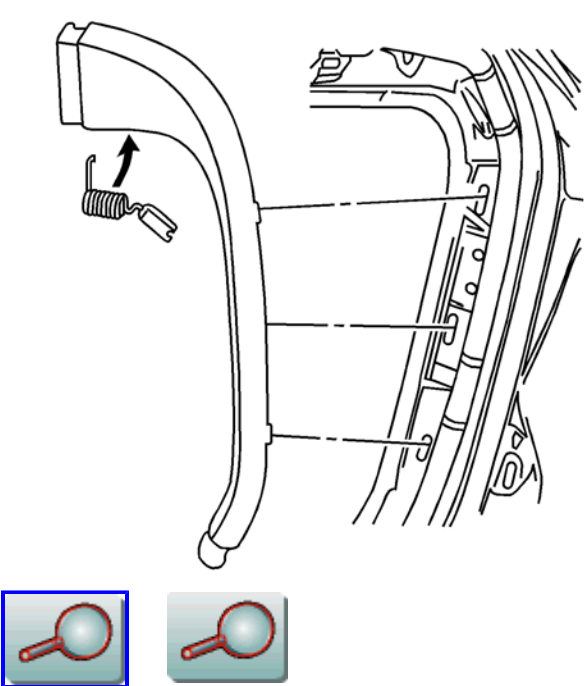
Liftgate Garnish Molding Replacement (Side - C 100/Long Body)

Removal Procedure



1. Open the liftgate.
2. Remove the liftgate window side garnish molding

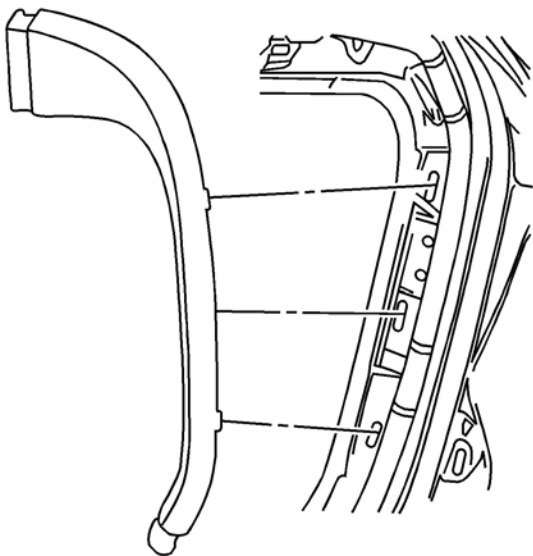
Installation Procedure



1. Install the liftgate window side garnish molding.
2. Close the liftgate.

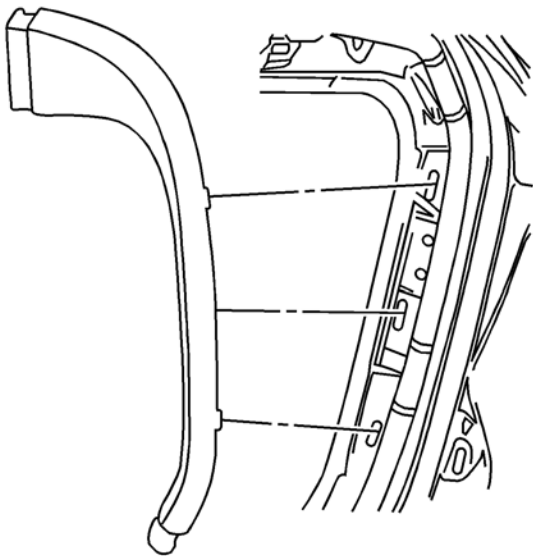
Liftgate Garnish Molding Replacement (Side - C 105/Short Body)

Removal Procedure



1. Open the liftgate.
2. Remove the liftgate window side garnish molding

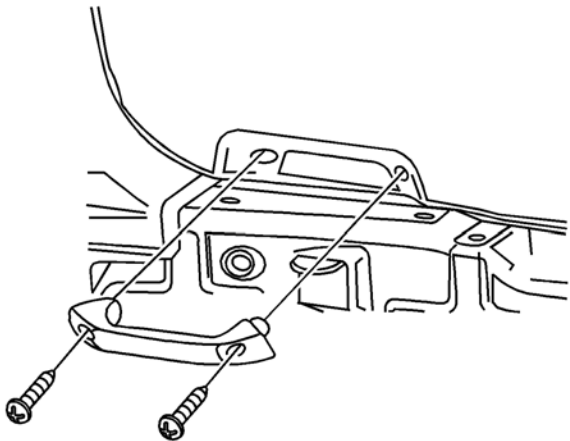
Installation Procedure



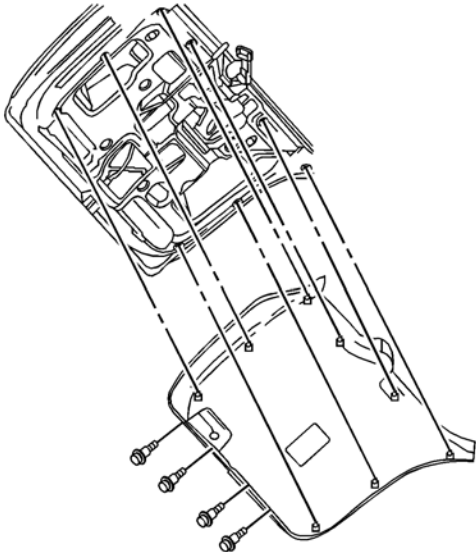
1. Install the liftgate window side garnish molding.
2. Close the liftgate.

Liftgate Trim Panel Replacement

Removal Procedure

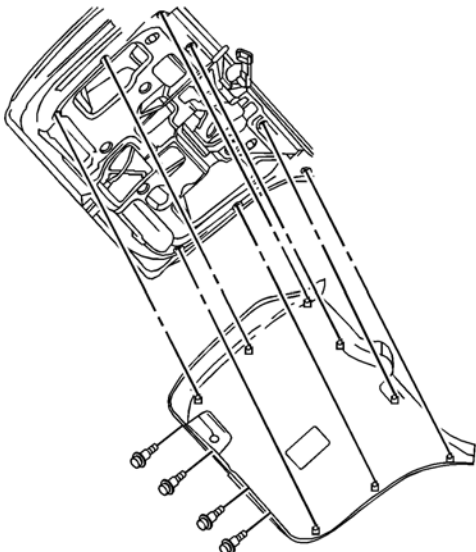


1. Remove the screws and the liftgate inside pull handle.

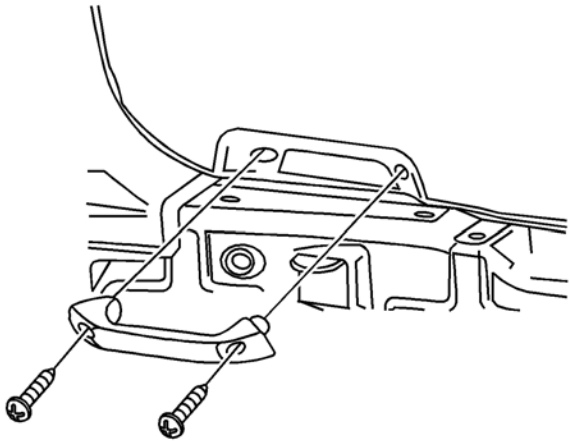


2. Remove the retainers from liftgate trim.
3. Remove the liftgate trim from the vehicle.

Installation Procedure



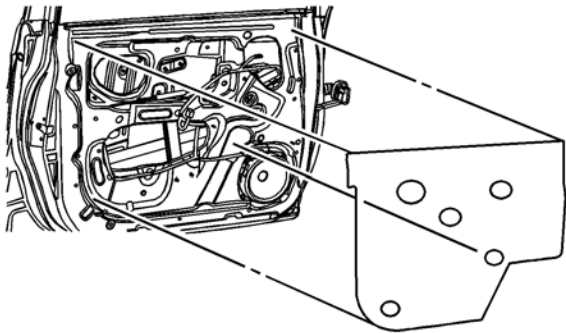
1. Install the liftgate trim with the retainers.



2. Install the liftgate inside pull handle with the screws.

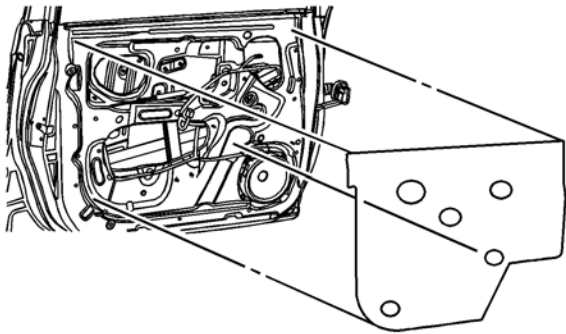
Door Water Deflector Replacement

Removal Procedure



1. Remove the door trim panel. Refer to [Front Side Door Trim Panel Replacement](#) or [Rear Door Trim Panel Replacement](#) .
2. Remove the door water deflector.

Installation Procedure



1. Install the door water deflector.
2. Install the door trim panel. Refer to [Front Side Door Trim Panel Replacement](#) or [Rear Door Trim Panel Replacement](#) .

Fastener Tightening Specifications

Application	Specification	
	Metric	English
A-Pillar Fender Bolt	10 N·m	89 lb in
Door Hinge to Body Bolts	2.5 N·m	22 lb in
Door Hold Open Link to Body Bolts	10 N·m	89 lb in
Front Fascia-to-Fender Bolts	20 N·m	15 lb ft
Front of Fender Bolts	20 N·m	15 lb ft
Fuel Filler Door Screws	12 N·m	106 lb in
Hinge Bolts	2 N·m	18 lb in
Hood Latch Bolts	10 N·m	89 lb in
Hood-to-Hinge Bolts	4.5 N·m	40 lb in
Hood Release Handle Screw	10 N·m	89 lb in
Lift Gate Hinge Bolts	27.5 N·m	20 lb ft
Lift Gate Latch Bolts	20 N·m	15 lb ft
Lower Fender Bolts	4 N·m	35 lb in
Radiator Grille Nuts	25 N·m	18 lb in
Upper Fender Bolts	10 N·m	89 lb in



Bumpers and Fascias

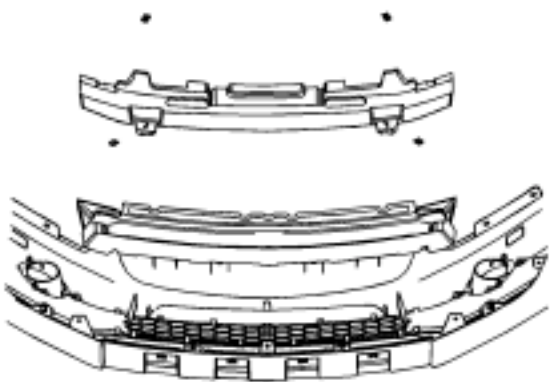


- Front Bumper Fascia Energy Absorber Replacement (C 100/Long Body)
- Front Bumper Fascia Energy Absorber Replacement (C 105/Short Body)
- Front Bumper Impact Bar Replacement (C 105/Short Body)
- Front Bumper Impact Bar Replacement (C 100/Long Body)
- Front Bumper Fascia Replacement (C 100/Long Body)
- Front Bumper Fascia Replacement (C 105/Short Body)
- Rear Bumper Fascia Replacement (C 100/Long Body)
- Rear Bumper Fascia Replacement (C 105/Short Body)
- Rear Bumper Impact Bar Replacement
- Grille Replacement C 100/Long Body
- Grille Replacement C 100/ Short Body
- Fastener Tightening Specifications
- Description and Operation



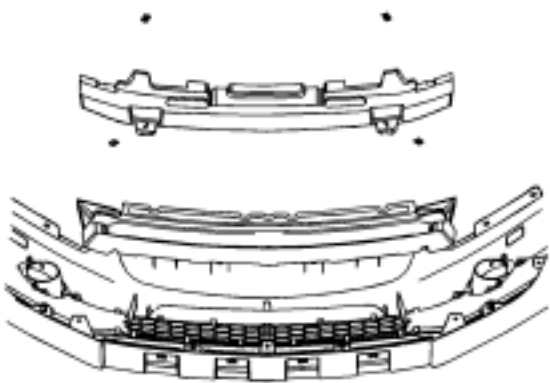
Front Bumper Fascia Energy Absorber Replacement (C 100/Long Body)

Removal Procedure



1. Remove the front bumper fascia. Refer to [Front Bumper Fascia Replacement](#) .
2. Remove the retaining clips on the energy absorber.
3. Remove the upper and lower energy absorbers from the front fascia.

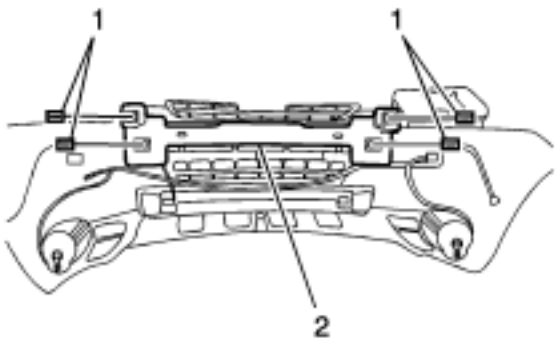
Installation Procedure



1. Install the upper and lower energy absorbers to the front fascia.
2. Install the retaining clips to the energy absorbers.
3. Install the front bumper fascia Refer to [Front Bumper Fascia Replacement](#) .

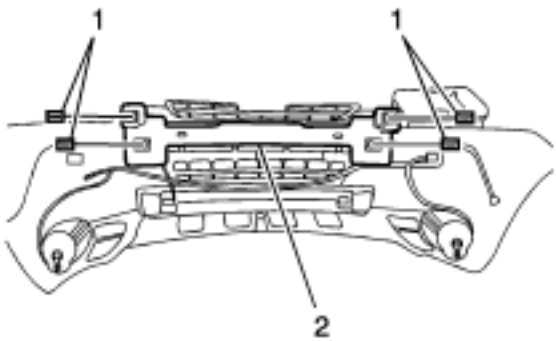
Front Bumper Fascia Energy Absorber Replacement (C 105/Short Body)

Removal Procedure



1. Remove the front bumper fascia. Refer to [Front Bumper Fascia Replacement](#) .
2. Remove the retaining clips (1) on the energy absorber.
3. Remove the energy absorber (2) from the front fascia.

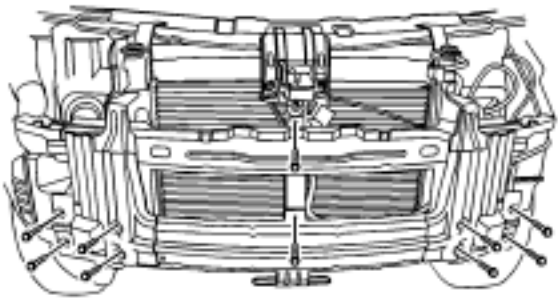
Installation Procedure



1. Install the energy absorber (2) to the front fascia.
2. Install the retaining clips (1) to the energy absorbers.
3. Install the front bumper fascia Refer to [Front Bumper Fascia Replacement](#) .

Front Bumper Impact Bar Replacement (C 105/Short Body)

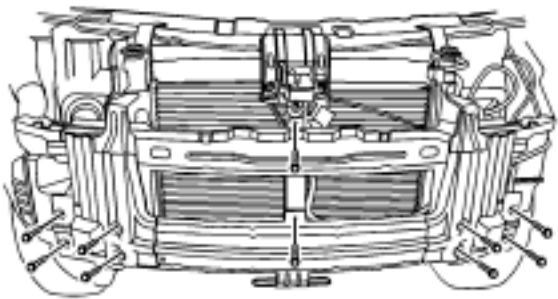
Removal Procedure



1. Remove the front bumper fascia. Refer to [Front Bumper Fascia Replacement](#) .
2. Remove the bolts from the front end panel bracket.
3. Remove the bolts and the front bumper impact bar.

Installation Procedure

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



1. Install the front bumper impact bar with the bolts.

Tighten
Tighten the impact bar bolts to 22 N·m (16 lb ft).

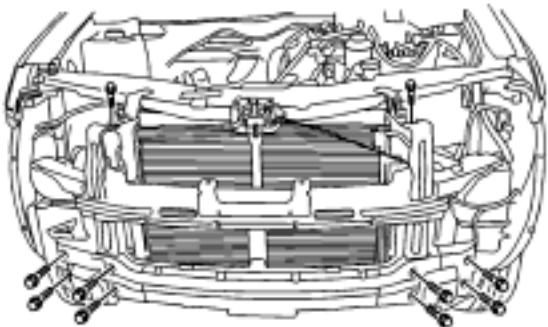
2. Install the bolts to the front panel bracket.

Tighten
Tighten the front panel bracket bolts to 220 N·m (16 lb ft).

3. Install the front bumper fascia. Refer to [Front Bumper Fascia Replacement](#) .

Front Bumper Impact Bar Replacement (C 100/Long Body)

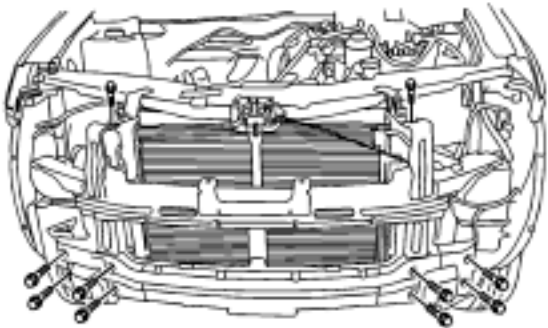
Removal Procedure



1. Remove the front bumper fascia. Refer to [Front Bumper Fascia Replacement](#) .
2. Remove the power steering fluid return cooling pipe bracket securing bolts near the center of the impact bar, if equipped.
3. Remove the bolts and the front bumper impact bar.

Installation Procedure

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

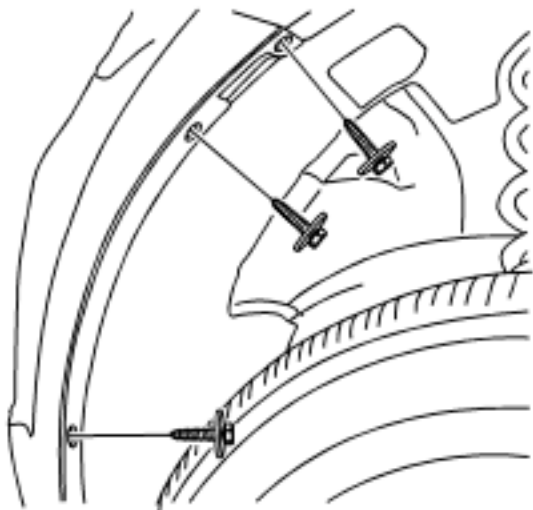


1. Install the front bumper impact bar with the bolts.
Tighten
Tighten the impact bar bolts to 22 N·m (16 lb ft).
2. Install the power steering fluid return coolant pipe bracket securing bolts, if equipped.
Tighten
Tighten the power steering bracket bolts to 10 N·m (7 lb ft).
3. Install the front bumper fascia. Refer to [Front Bumper Fascia Replacement](#) .

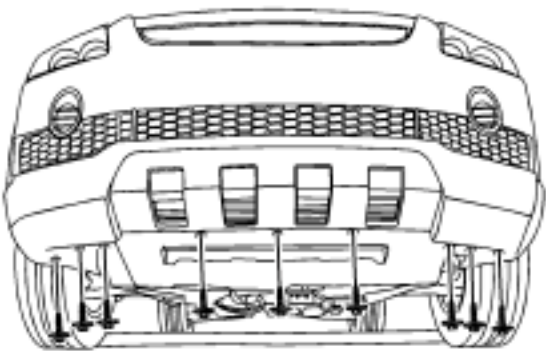
Front Bumper Fascia Replacement (C 100/Long Body)

Removal Procedure

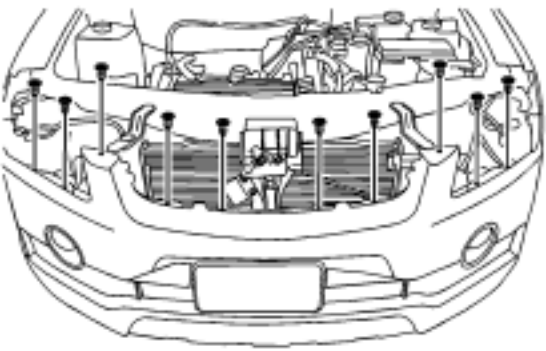
Caution: Refer to [Battery Disconnect Caution](#) in the Preface section.



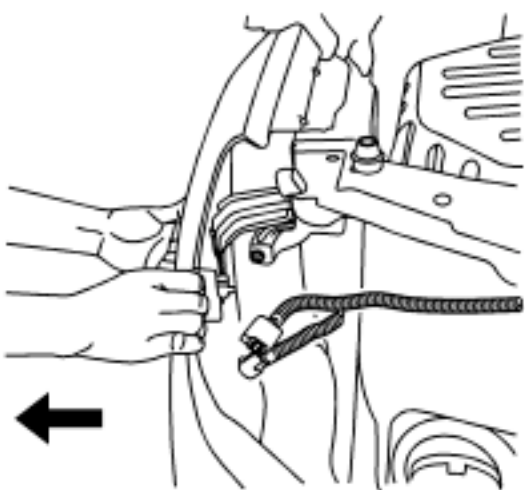
1. Disconnect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .
2. Remove the bolts from the front wheel well splash shields.



3. Remove the headlamps. Refer to [Headlamp Replacement](#) .
4. Disconnect the fog lamp electrical connector.

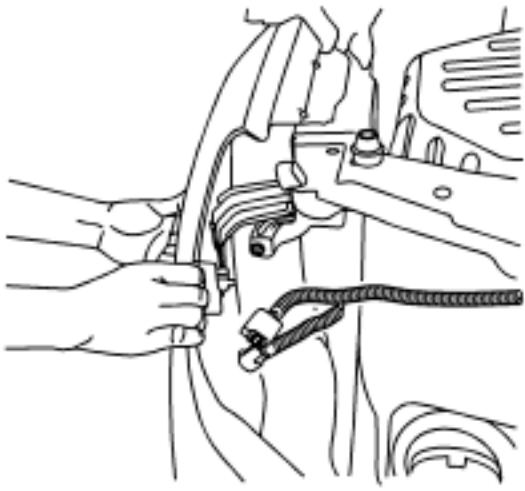


5. Remove the grille. Refer to [Grille Replacement](#) .
6. Remove the upper fascia retainers.

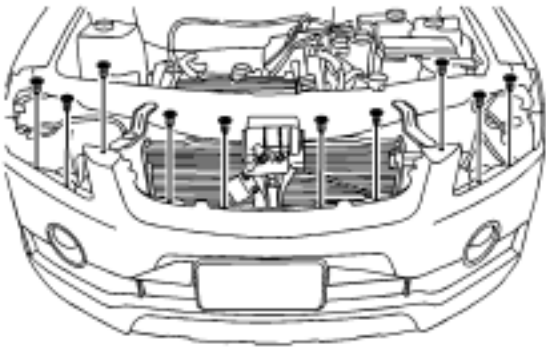


- 7. Remove the front fascia from the front fender by pulling the side of the fascia outward.
- 8. Remove the front fascia from the vehicle.

Installation Procedure

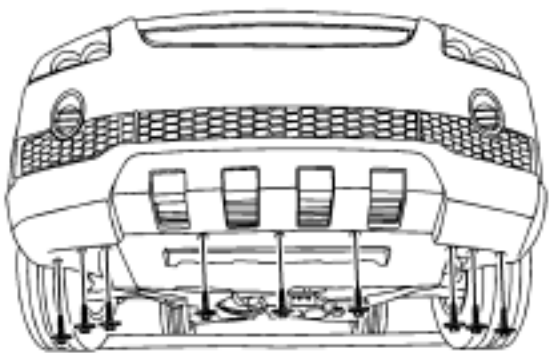


- 1. Install the front fascia to the vehicle.
- 2. Install the side of the front fascia on the front fender.



- 3. Install the upper fascia retainers.
- 4. Install the grille. Refer to [Grille Replacement](#) .

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

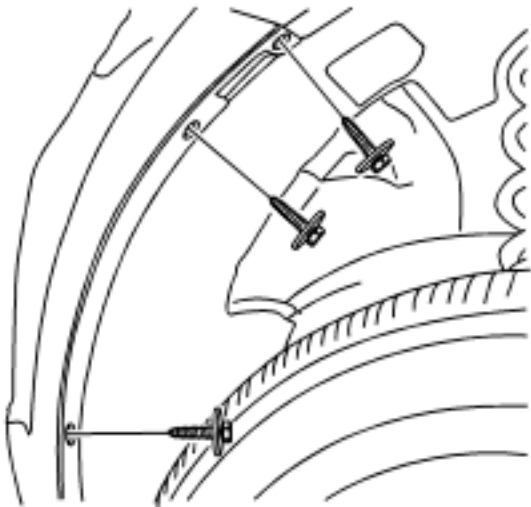


5. Install the lower fascia bolts.

Tighten

Tighten the lower fascia bolts to 10 N·m (7 lb ft).

6. Connect the fog lamp electrical connector.
7. Install the headlamps. Refer to [Headlamp Replacement](#) .



8. Install the bolts on the front wheel well splash shields.

Tighten

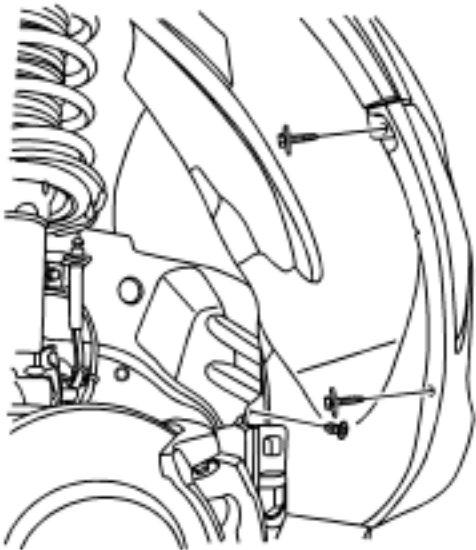
Tighten the splash shield bolts to 4 N·m (35 lb in).

9. Connect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .

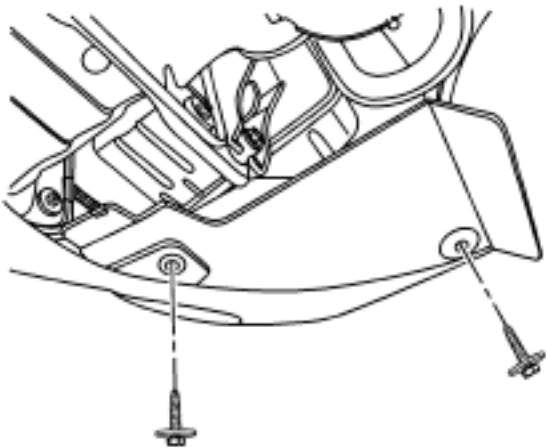
Front Bumper Fascia Replacement (C 105/Short Body)

Removal Procedure

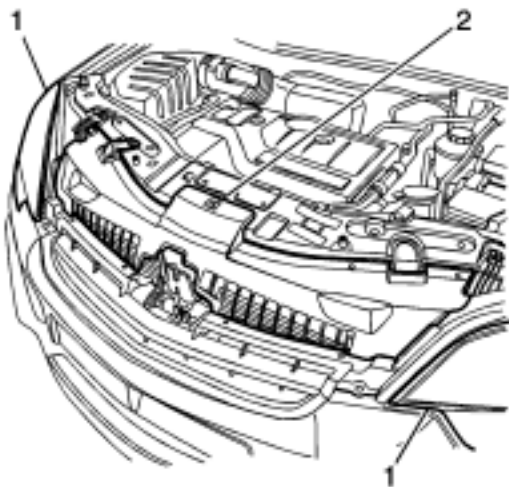
Caution: Refer to [Battery Disconnect Caution](#) in the Preface section.



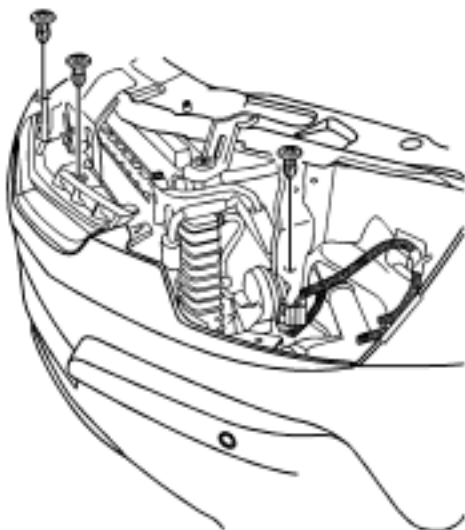
1. Disconnect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .
2. Remove the bolts and the retainers from the left and right front wheel well splash shields.



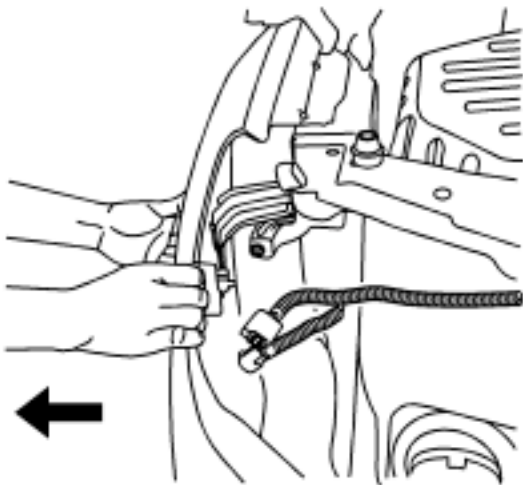
3. Remove the engine shield. Refer to [Engine Shield Replacement](#) .
4. Remove the bolts on the bottom of the left and right front wheel well splash shields.



5. Remove the radiator cover (2).
6. Remove the headlamps (1). Refer to [Headlamp Replacement](#) .
7. Disconnect the connector of the front object sensor wiring harness, if equipped.

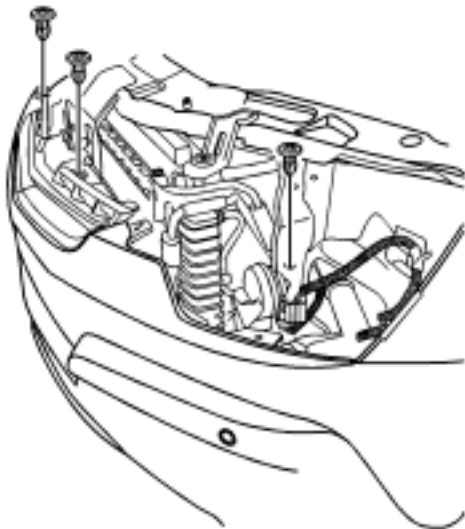


8. Remove the front fascia retainers.

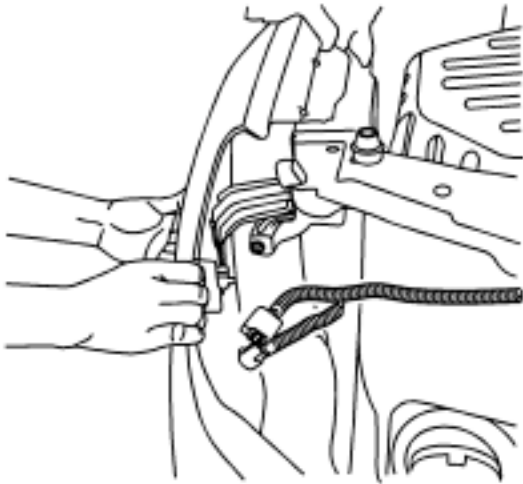


9. Remove the front fascia from the front fender by pulling the side of the fascia outward.
10. Remove the front fascia from the vehicle.

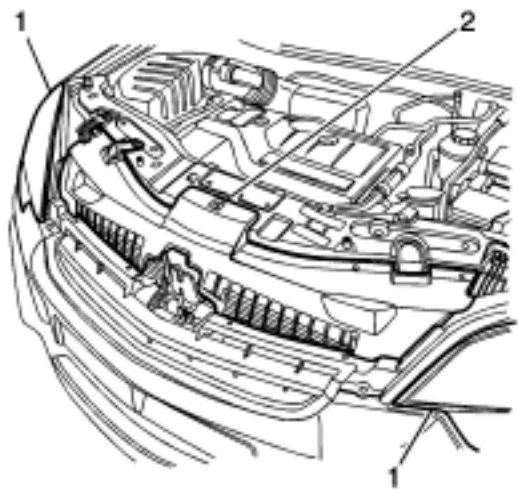
Installation Procedure



1. Install the front fascia to the vehicle.
2. Install the retainers on the front fascia to prevent fascia falling down to the floor.

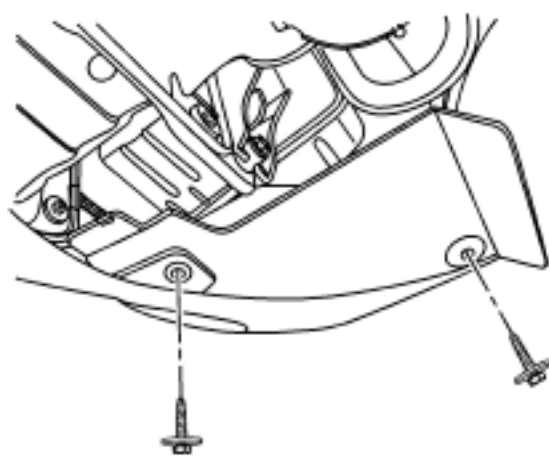


3. Install the side of the front fascia on the front fender.
4. Connect the connector of the front object sensor wiring harness, if equipped.



- 5. Install the headlamps (1). Refer to [Headlamp Replacement](#) .
- 6. Install the radiator cover (2).

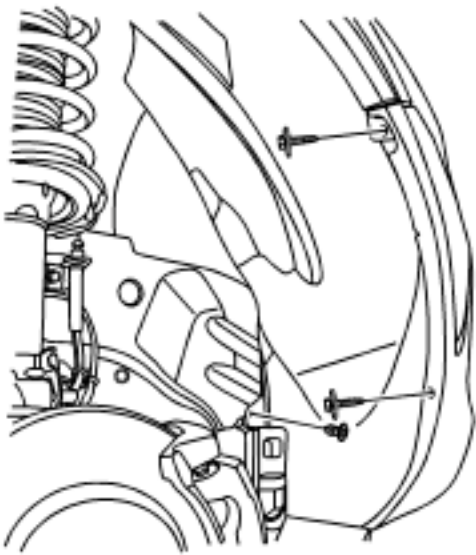
Notice: Refer to [Fastener Notice](#) in the Preface section.



- 7. Install the front bolts of the left and right front splash shields.

Tighten
Tighten the front splash shield bolts to 10 N·m (7 lb ft).

- 8. Install the engine shield. Refer to [Engine Shield Replacement](#) .



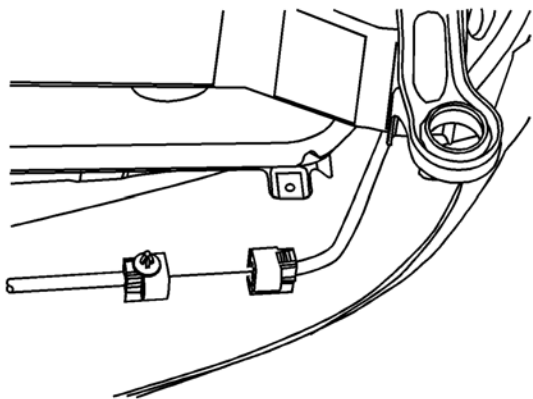
- 9. Install the bolts and retainers on the left and right front wheel well splash shields.

Tighten
Tighten the splash shield bolts to 4 N·m (35 lb in).

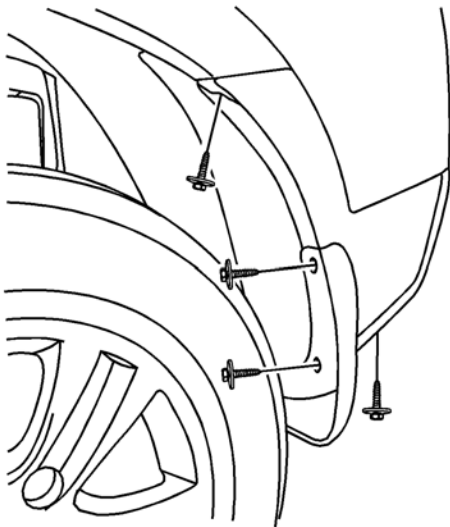
- 10. Connect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .

Rear Bumper Fascia Replacement (C 100/Long Body)

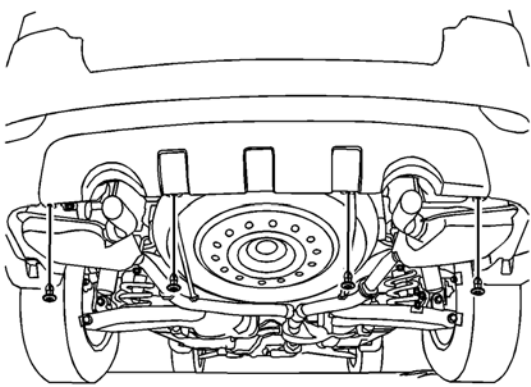
Removal Procedure



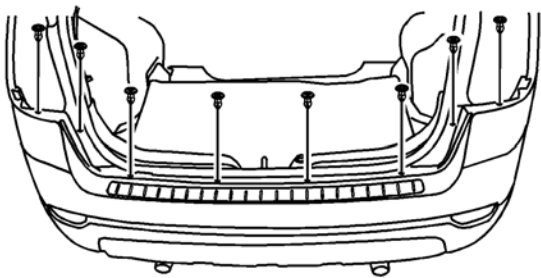
1. Disconnect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .
2. Disconnect the connector of the rear object sensor, if equipped.



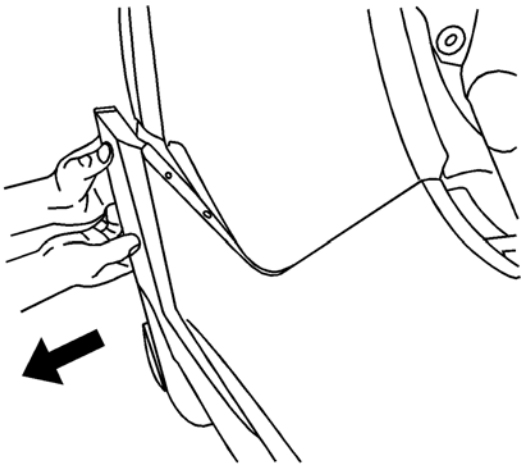
3. Remove the bolts on the rear wheelhouse liner.



4. Remove the rear lower fascia retainers.
5. Remove the fascia.

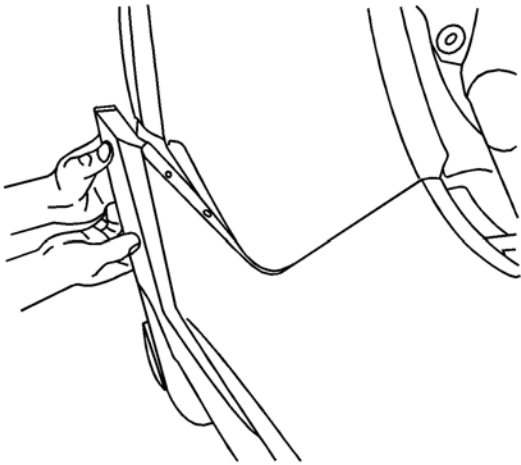


- 6. Remove the tail lamps. Refer to [Tail Lamp Replacement](#) .
- 7. Remove the upper fascia screws and retainers.



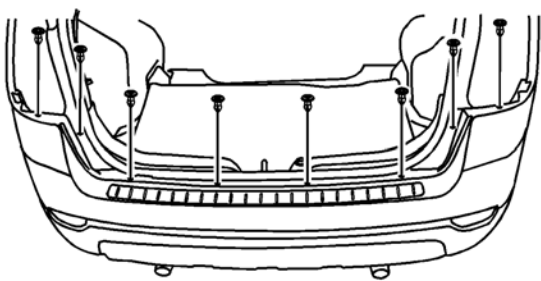
- 8. Remove the rear bumper fascia from the rear quarter panel by pulling the side of the fascia outward.
- 9. Remove the rear bumper fascia from the vehicle.

Installation Procedure



- 1. Install the rear bumper fascia to the vehicle.
- 2. Install the side of the rear bumper fascia to the rear quarter panel.

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

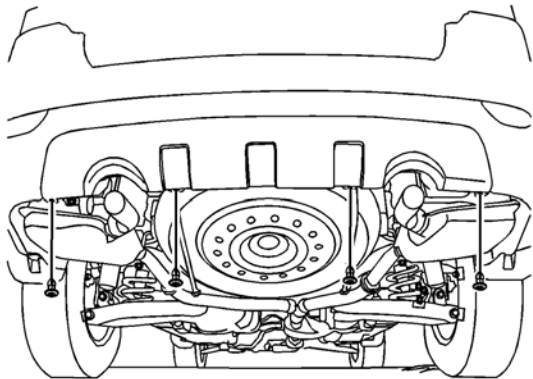


3. Install the upper fascia screws and retainers.

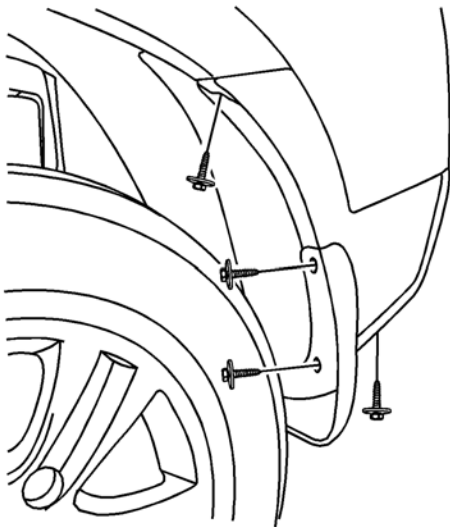
Tighten

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

4. Install the tail lamps. Refer to [Tail Lamp Replacement](#)



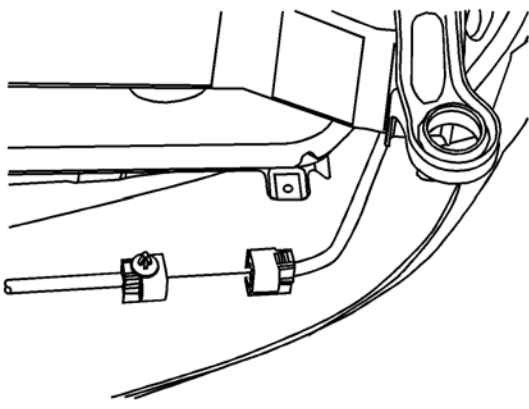
5. Install the lower fascia retainers.



6. Install the bolts on the rear wheelhouse liner.

Tighten

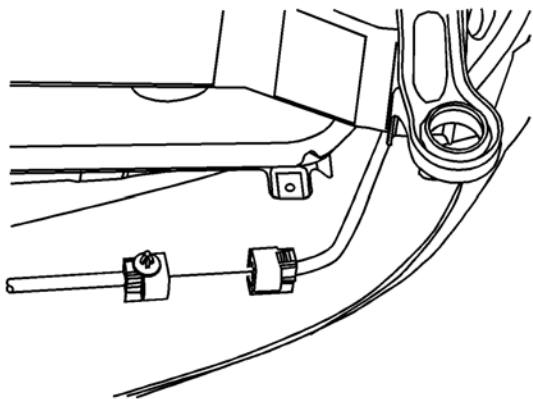
Tighten the rear wheelhouse liner bolts to 4 N·m (36 lb in).



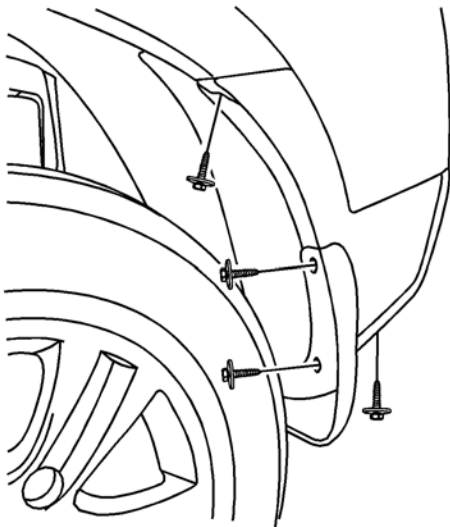
- 7. Connect the connector of the rear object sensor, if equipped.
- 8. Connect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .

Rear Bumper Fascia Replacement (C 105/Short Body)

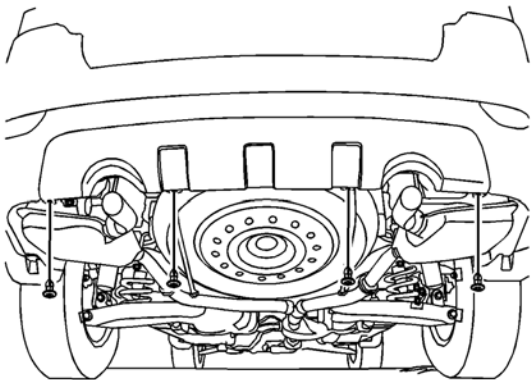
Removal Procedure



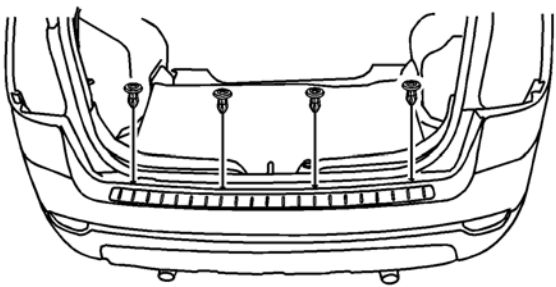
1. Disconnect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .
2. Disconnect the connector of the rear object sensor, if equipped.



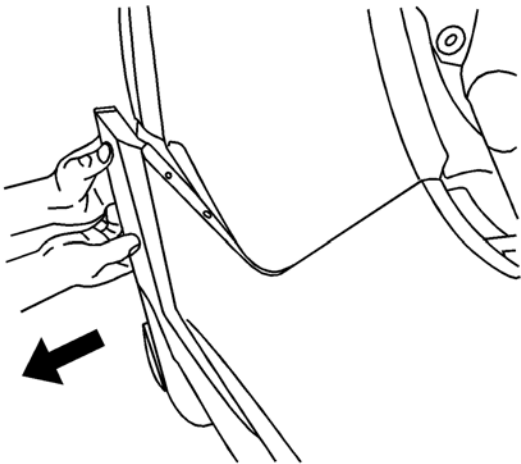
3. Remove the bolts on the rear wheelhouse liner.



4. Remove the rear lower fascia retainers.
5. Remove the fascia.

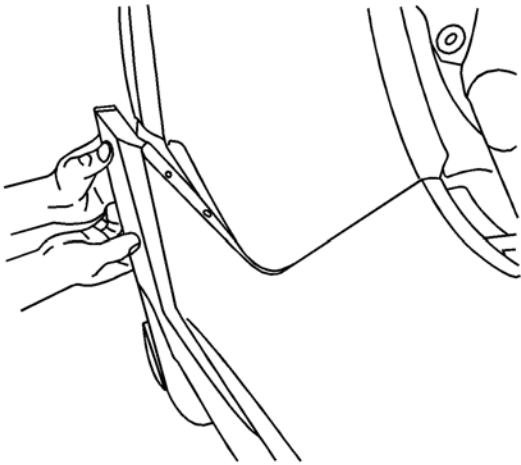


6. Remove the tail lamps. Refer to [Tail Lamp Replacement](#) .
7. Remove the upper fascia screws and retainers.



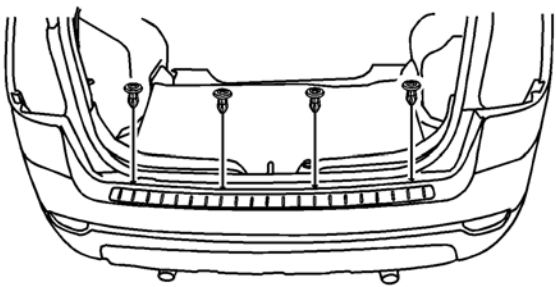
8. Remove the rear bumper fascia from the rear quarter panel by pulling the side of the fascia outward.
9. Remove the rear bumper fascia from the vehicle.

Installation Procedure



1. Install the rear bumper fascia to the vehicle.
2. Install the side of the rear bumper fascia to the rear quarter panel.

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

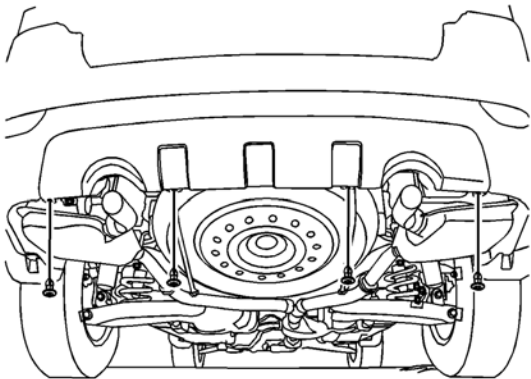


3. Install the upper fascia screws and retainers.

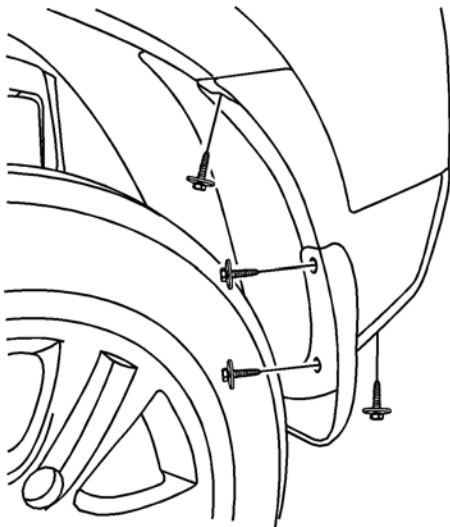
Tighten

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

4. Install the tail lamps. Refer to [Tail Lamp Replacement](#)



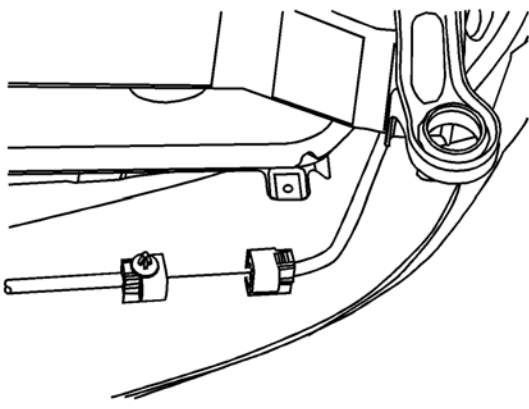
5. Install the lower fascia retainers.



6. Install the bolts on the rear wheelhouse liner.

Tighten

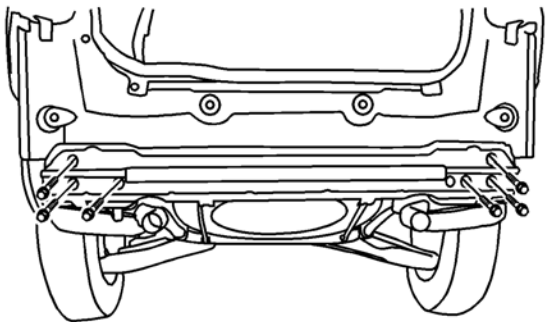
Tighten the rear wheelhouse liner bolts to 4 N·m (36 lb in).



7. Connect the connector of the rear object sensor, if equipped.
8. Connect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .

Rear Bumper Impact Bar Replacement

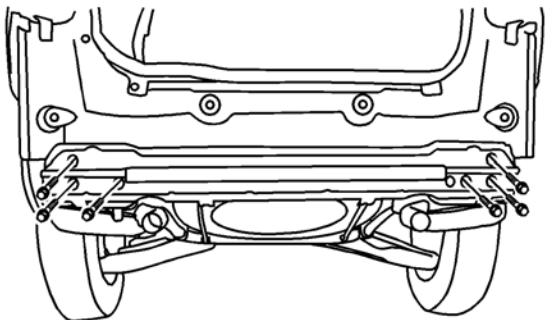
Removal Procedure



1. Remove the rear bumper fascia. Refer to [Rear Bumper Fascia Replacement](#) .
2. Remove the bolts and the rear impact bar.

Installation Procedure

Notice: Refer to [Fastener Notice](#) in Cautions and Notices.



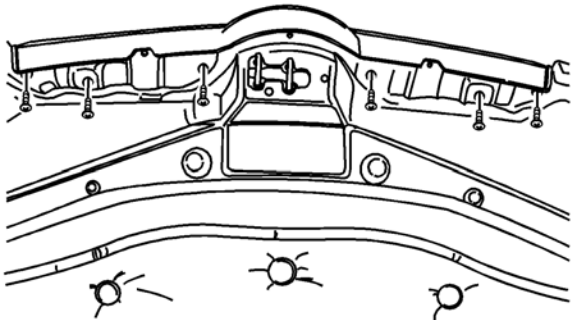
1. Install the rear impact bar with the bolts.

Tighten
Tighten the rear impact bar bolts to 22 N·m (16 lb ft).

2. Install the rear bumper fascia. Refer to [Rear Bumper Fascia Replacement](#) .

Grille Replacement (C100/Long Body)

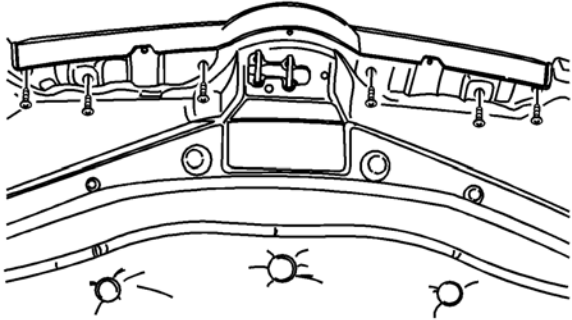
Removal Procedure



1. Open the hood.
2. Remove the nuts and the radiator grille.

Installation Procedure

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



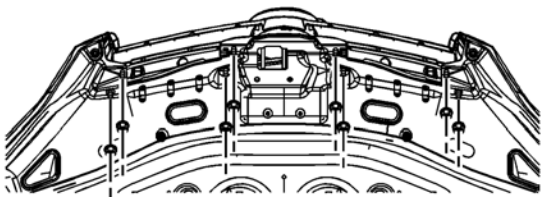
1. Install the radiator grille with the nuts.

Tighten
Tighten the radiator grille nuts to 4.5 N·m (40 lb in).

2. Close the hood.

Grille Replacement (C105/Short Body)

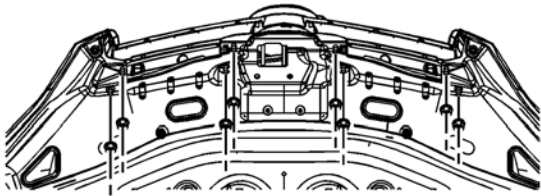
Removal Procedure



1. Open the hood.
2. Remove the nuts and the radiator grille.

Installation Procedure

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



1. Install the radiator grille with the nuts.

Tighten
Tighten the radiator grille nuts to 4.5 N·m (40 lb in).

2. Close the hood.

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Front Bumper Lower Fascia Bolts	22 N·m	16 lb ft
Front Impact Bar Bolts	10 N·m	7 lb ft
Power Steering Fluid Return Pipe Securing Bolts	2 N·m	18 lb in
Rear Bumper Upper Fascia Screws	22 N·m	16 lb ft
Rear Impact Bar Bolts	2 N·m	18 lb in
Wheelhouse Liner Bolts	10 N·m	7 lb ft



Bumper and Fascia Description

The bumper systems are designed to sustain a collision into a fixed barrier at speeds between 4 km/h (2.5 mph) and 8 km/h (5 mph) without damage.

After absorbing the energy of a collision, these bumper systems restore themselves to their original position. Both the front and the rear bumpers feature an internal foam energy absorber and a polymer fascia cover. The rear bumper fascia must be removed before access can be gained to the energy absorber and the bumper. The front bumper assembly can be removed as a whole unit or the fascia cover can be removed separately.

