

2006 Cadillac SRX

2006 ACCESSORIES & EQUIPMENT Bumpers - SRX

2006 ACCESSORIES & EQUIPMENT

Bumpers - SRX

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Front Fascia Closeout Panel Bolts	3 N.m	27 lb in
Front Fascia Inner Fender Bolts	9 N.m	80 lb in
Front Fascia Inner Fender Nuts	9 N.m	80 lb in
Front Impact Bar-to-Front Frame Rail Nuts	25 N.m	18 lb ft
Front License Bracket	3 N.m	27 lb in
Rear Bumper Fascia-to-Rear End Panel	6 N.m	53 lb in
Rear Fascia Bracket-to-Quarter Panel Bolts	3 N.m	27 lb in
Rear Fascia Extension Screws	6 N.m	53 lb in
Rear Fascia-to-Quarter Panel Bolts	3 N.m	27 lb in
Rear Impact Bar-to-Body Nuts	25 N.m	18 lb ft

DIAGNOSTIC INFORMATION AND PROCEDURES

INSPECTION AFTER COLLISION

If a severe collision dislodges the bumper from the original position, you may need to replace the following components:

- The bumper fascia
- The bumper energy absorber
- The bumper impact bar

REPAIR INSTRUCTIONS

LICENSE BRACKET REPLACEMENT - FRONT

Removal Procedure

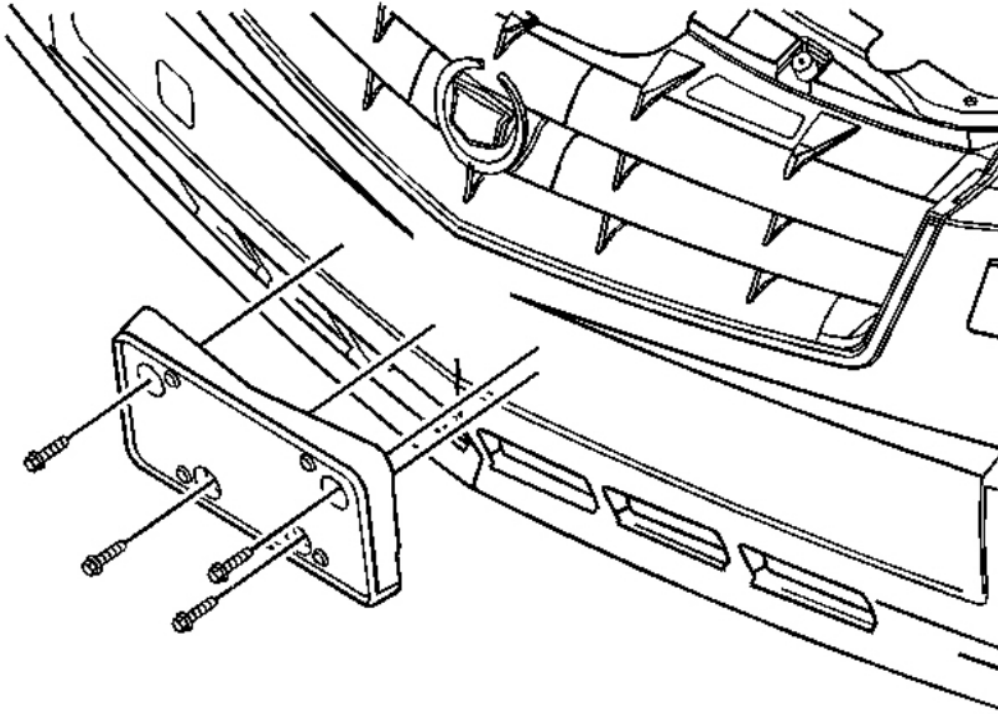


Fig. 1: Front License Bracket
Courtesy of GENERAL MOTORS CORP.

1. Remove the bolts that retain the front license plate bracket to the bumper.
2. Remove the bracket from the bumper.

Installation Procedure

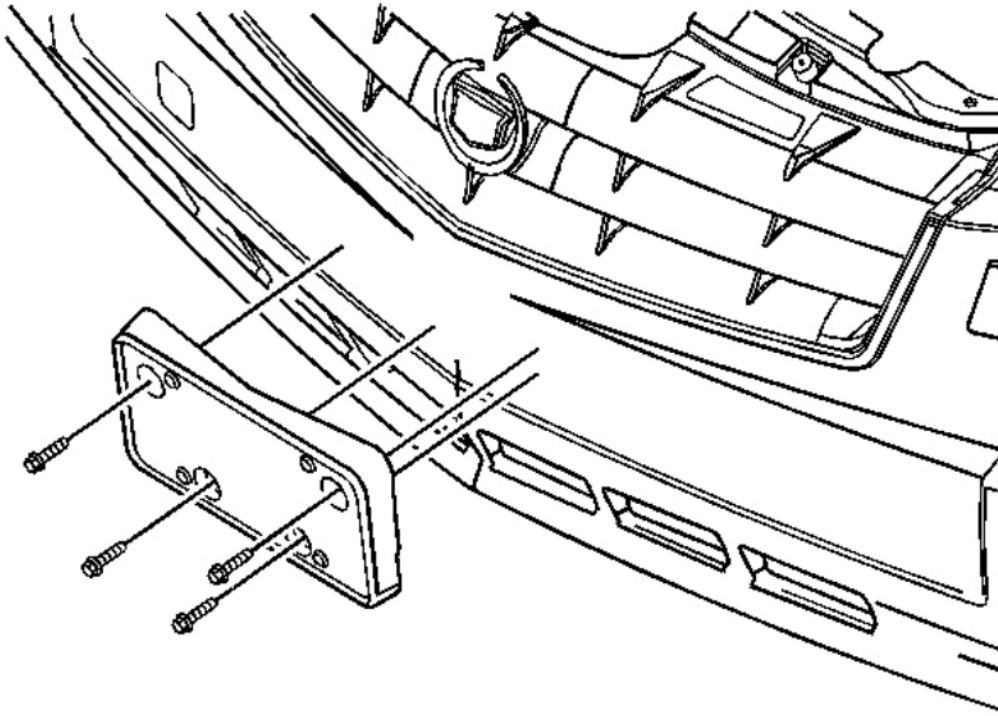


Fig. 2: Front License Bracket
Courtesy of GENERAL MOTORS CORP.

1. Install the front license plate bracket to the bumper.

NOTE: Refer to Fastener Notice in Cautions and Notices.

2. Install the retaining bolts to the bracket.

Tighten: Tighten the bolts to 3 N.m (27 lb in).

FASCIA EXTENSION REPLACEMENT - FRONT

Removal Procedure

1. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle in General Information.

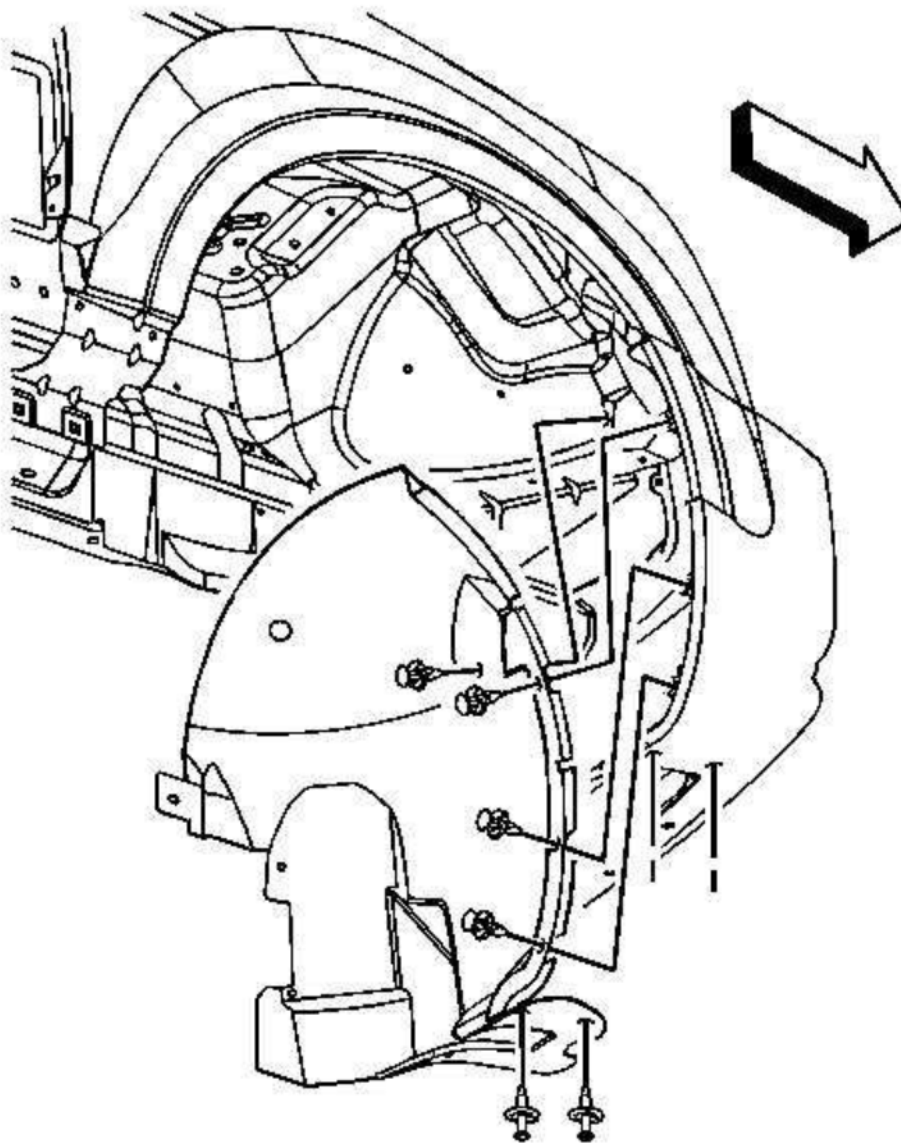


Fig. 3: View Of Front Fascia Extension
Courtesy of GENERAL MOTORS CORP.

2. Remove the push-in retainers securing the front fascia extension.
3. Remove the front fascia extension from the vehicle.

Installation Procedure

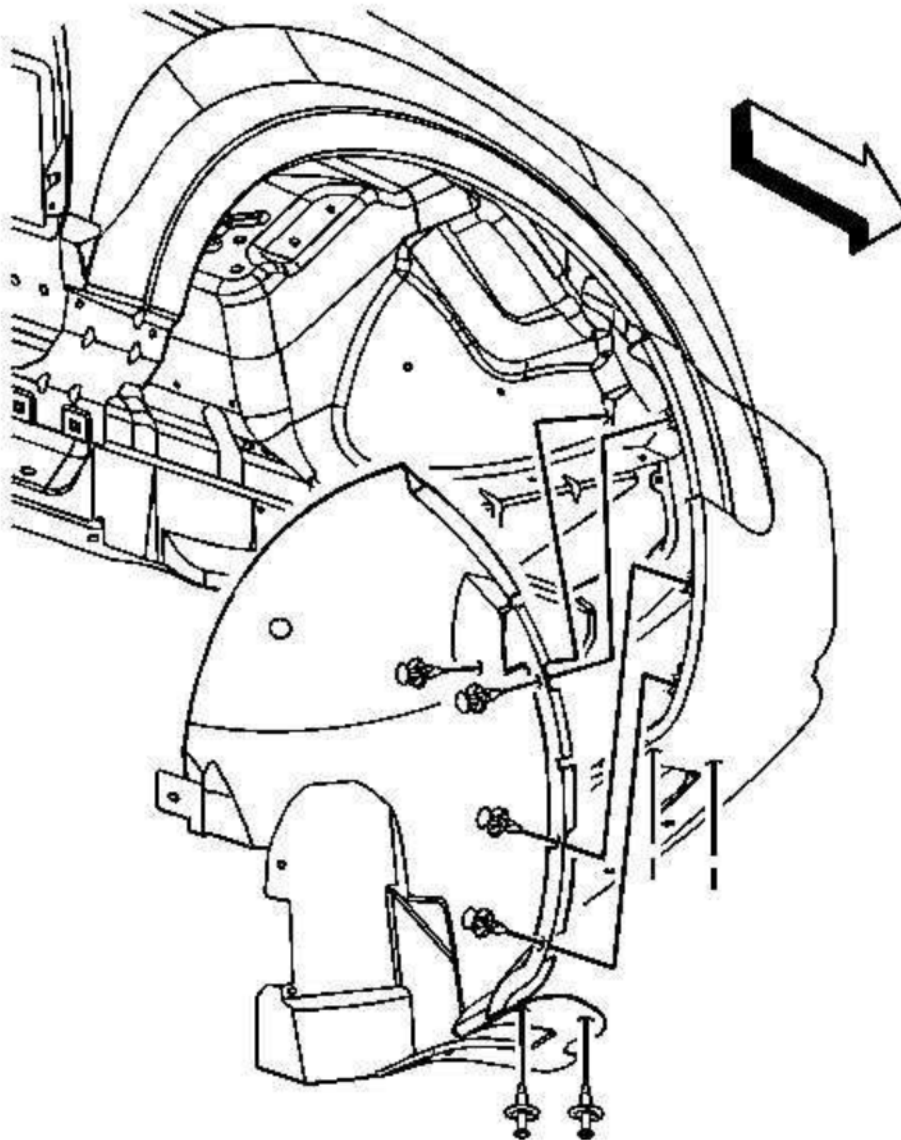


Fig. 4: View Of Front Fascia Extension
Courtesy of GENERAL MOTORS CORP.

1. Position the front fascia extension to the vehicle.

2. Install the push-in retainers to the front fascia extension.
3. Lower the vehicle.

FASCIA REPLACEMENT - FRONT BUMPER

Removal Procedure

1. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle in General Information.
2. Remove the front fascia extensions. Refer to Fascia Extension Replacement - Front.

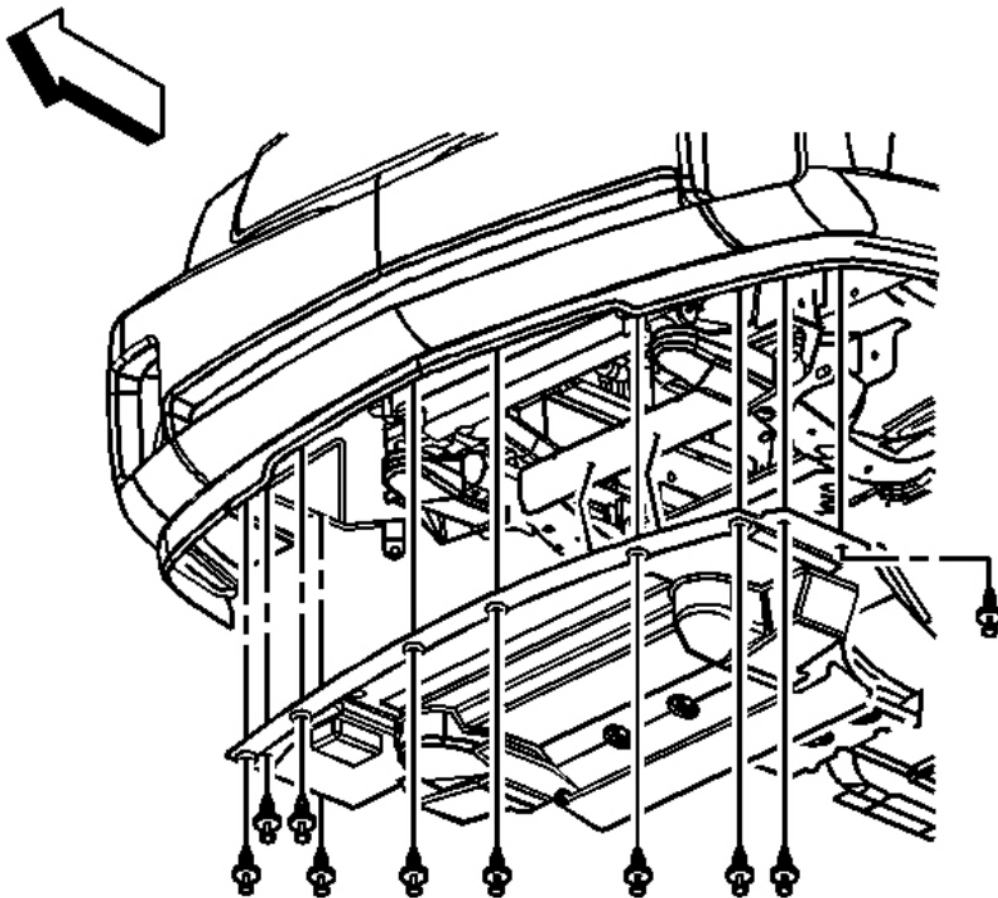


Fig. 5: Installing Front Air Deflector Push-In Retainers
Courtesy of GENERAL MOTORS CORP.

3. Remove the front push-in fasteners that secure the lower air deflector to the fascia.

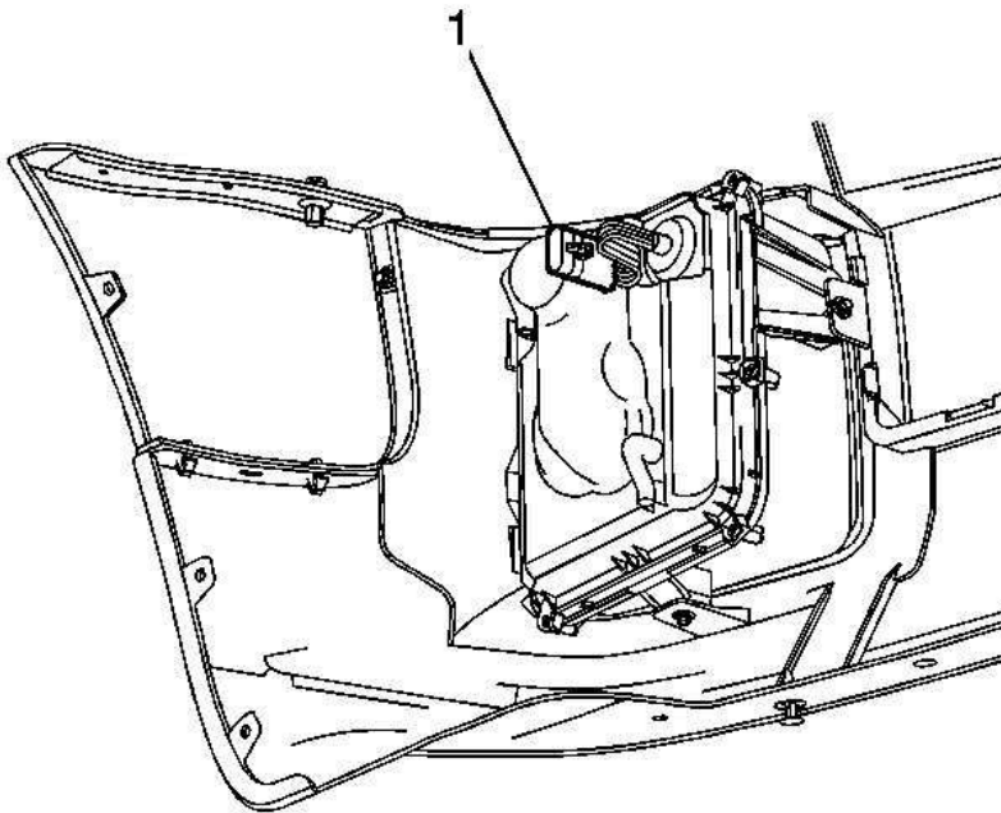


Fig. 6: View Of Fog Lamp/Turn Signal Electrical Connectors
Courtesy of GENERAL MOTORS CORP.

4. Disconnect the fog lamp/ turn signal electrical connectors (1).

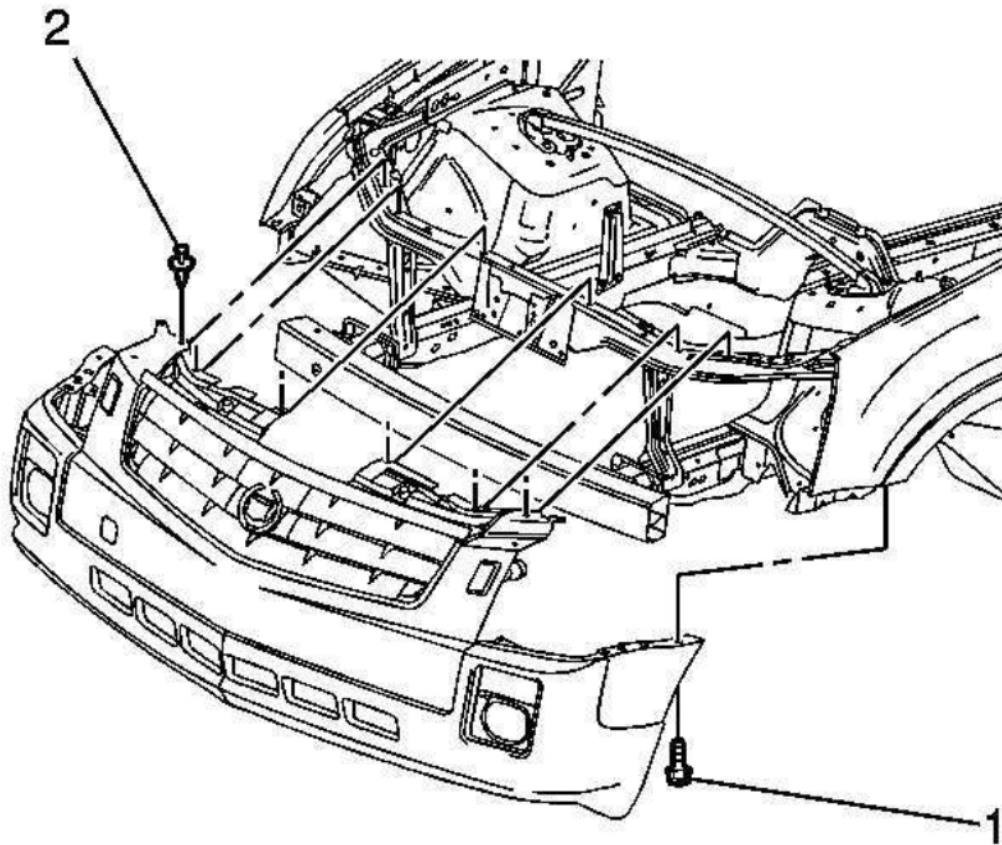


Fig. 7: View Of Front Bumper Bolts & Push-In Retainers
Courtesy of GENERAL MOTORS CORP.

5. Remove the bolts (1) that secure the bumper fascia to the front fender.
6. Remove the push-in retainers (2) across the top side of the fascia.

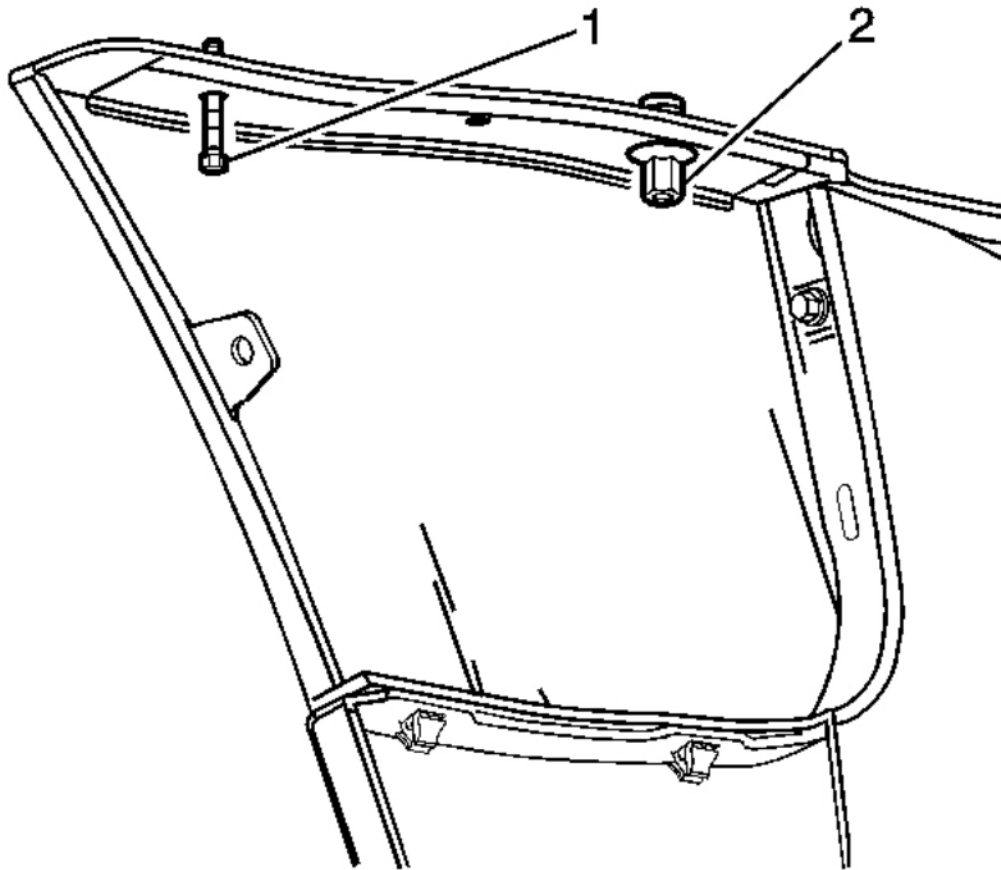


Fig. 8: View Of Front Fascia Inner Fastener Nut
Courtesy of GENERAL MOTORS CORP.

7. Loosen approximately 4 turns, the inner fastener nut (2) securing the fascia to the inner fender.
8. Loosen the fascia from the key slots at the inner fender attachments.
9. With an assistant, remove the fascia by pulling the fascia forward from the vehicle.

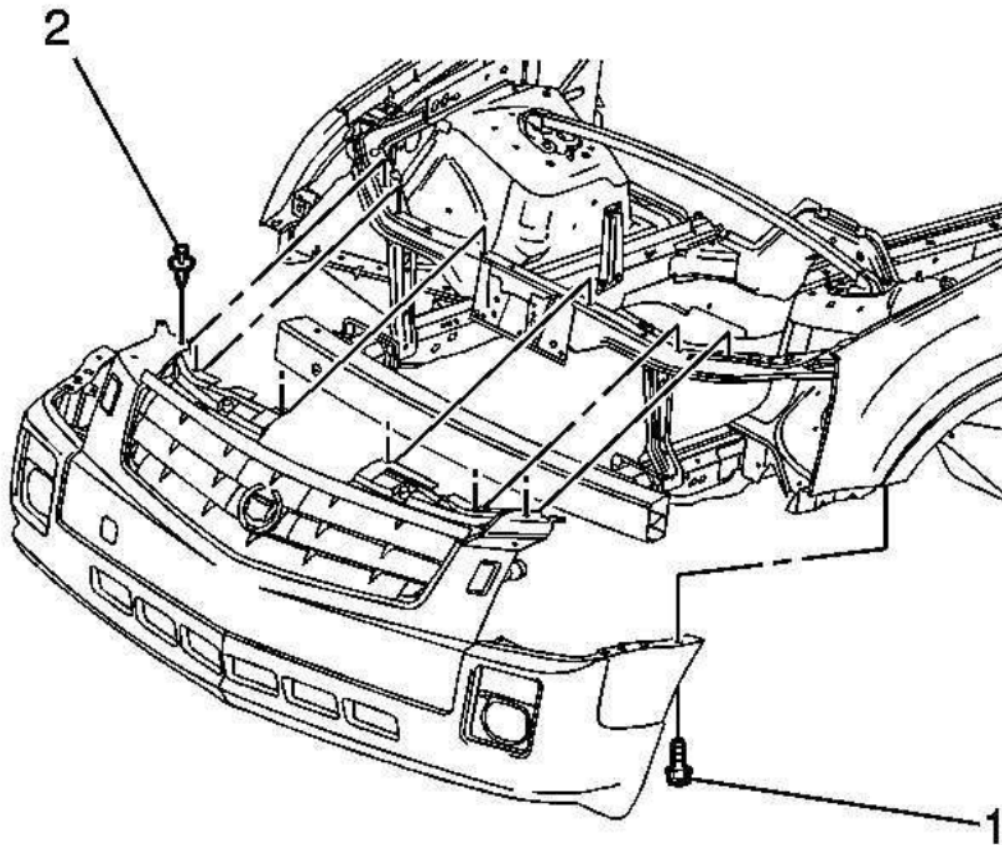


Fig. 9: View Of Front Bumper Bolts & Push-In Retainers
Courtesy of GENERAL MOTORS CORP.

1. With an assistant, position the fascia (3) to the vehicle.

Install 2 push-in retainers (2) in order to hold the fascia to the upper tie bar.

2. Position the fascia to the key slot at the inner fender.

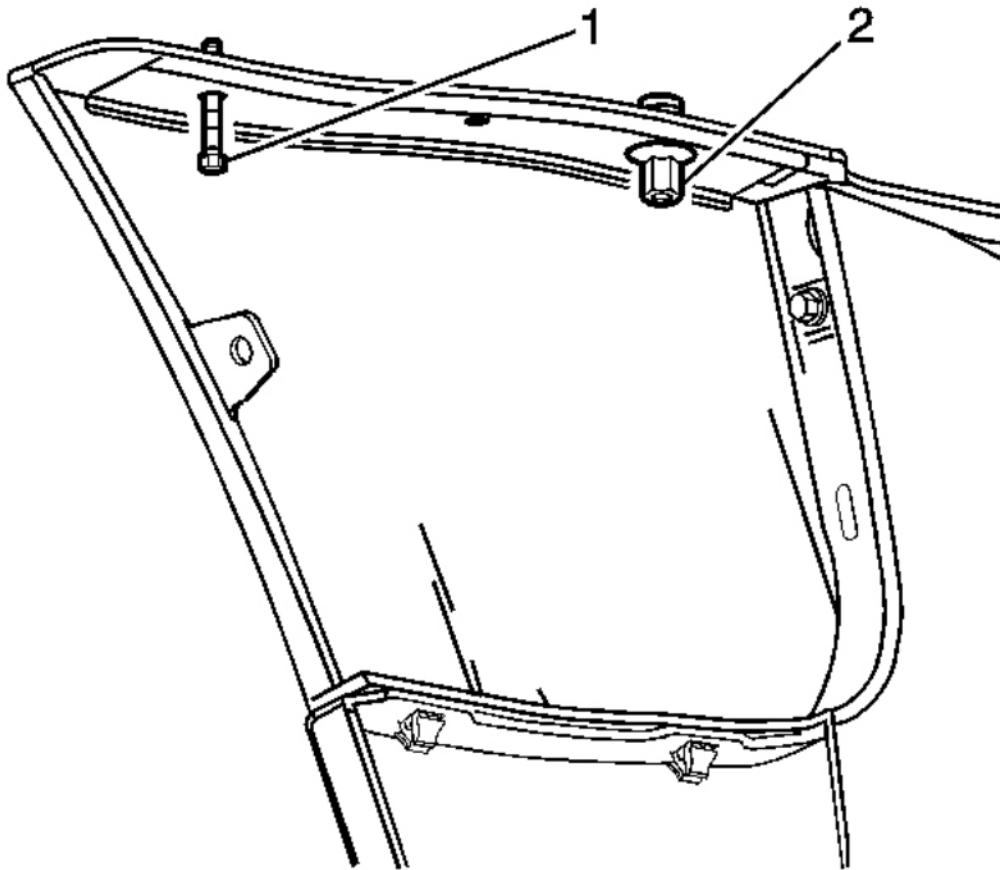


Fig. 10: View Of Front Fascia Inner Fastener Nut
Courtesy of GENERAL MOTORS CORP.

3. Align the stud (2) to the keyhole slot in the fender.
4. Push rearward in order to adjust.

NOTE: Refer to Fastener Notice in Cautions and Notices.

5. Install the inner fender bolts (1).

Tighten: Tighten the bolts to 9 N.m (27 lb in).

6. Secure the inner fender nut (2).

Tighten: Tighten the nut to 9 N.m (27 lb in).

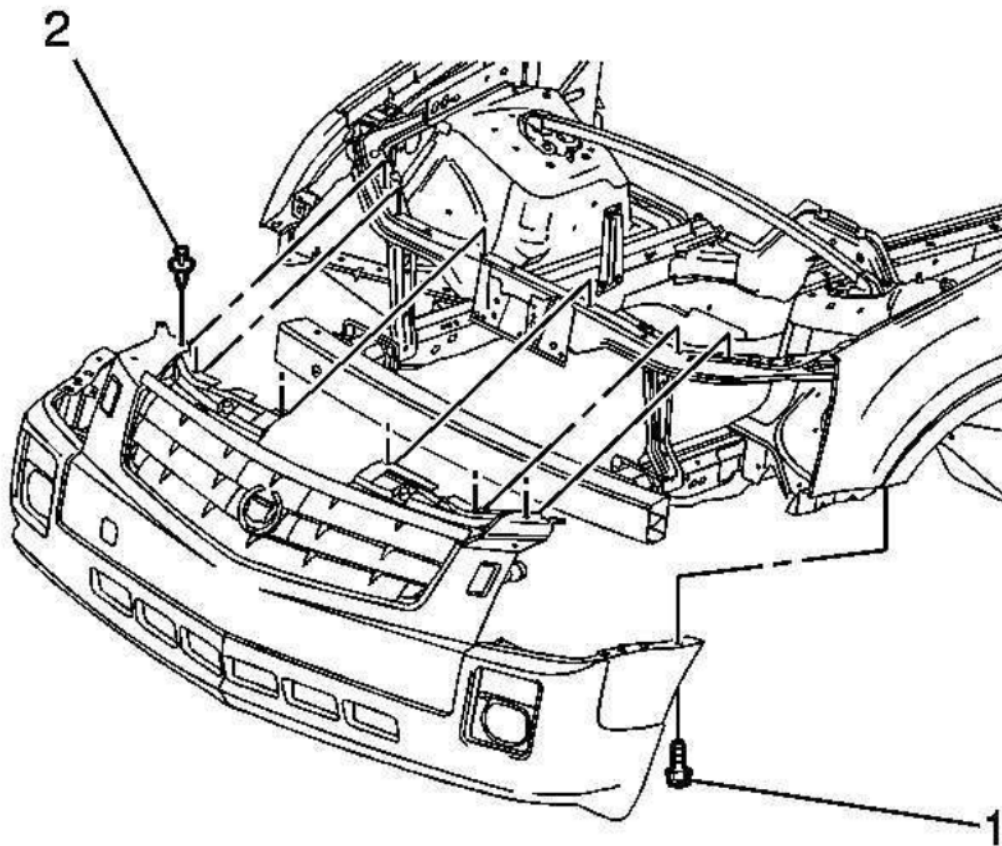


Fig. 11: View Of Front Bumper Bolts & Push-In Retainers
Courtesy of GENERAL MOTORS CORP.

7. Install the remaining 6 push-in retainers (2) and secure.

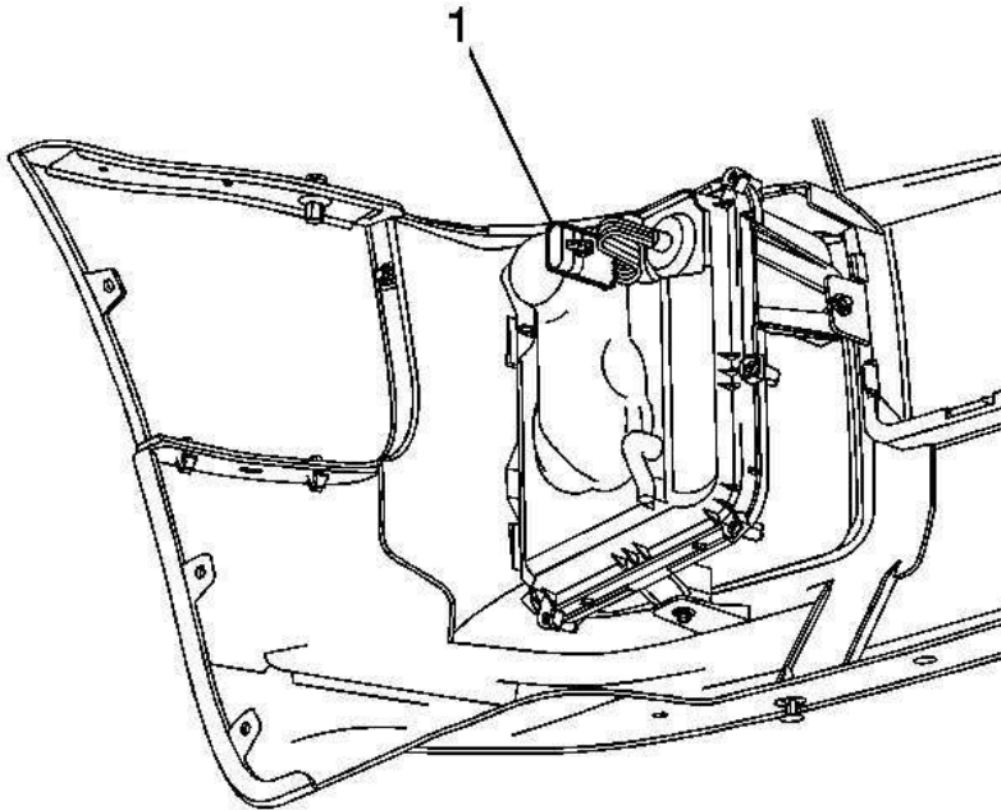


Fig. 12: View Of Fog Lamp/Turn Signal Electrical Connectors
Courtesy of GENERAL MOTORS CORP.

8. Connect the electrical connector (1) to the fog lamps/turn signal.
9. Install the front fascia extensions. Refer to **Fascia Extension Replacement - Front.**

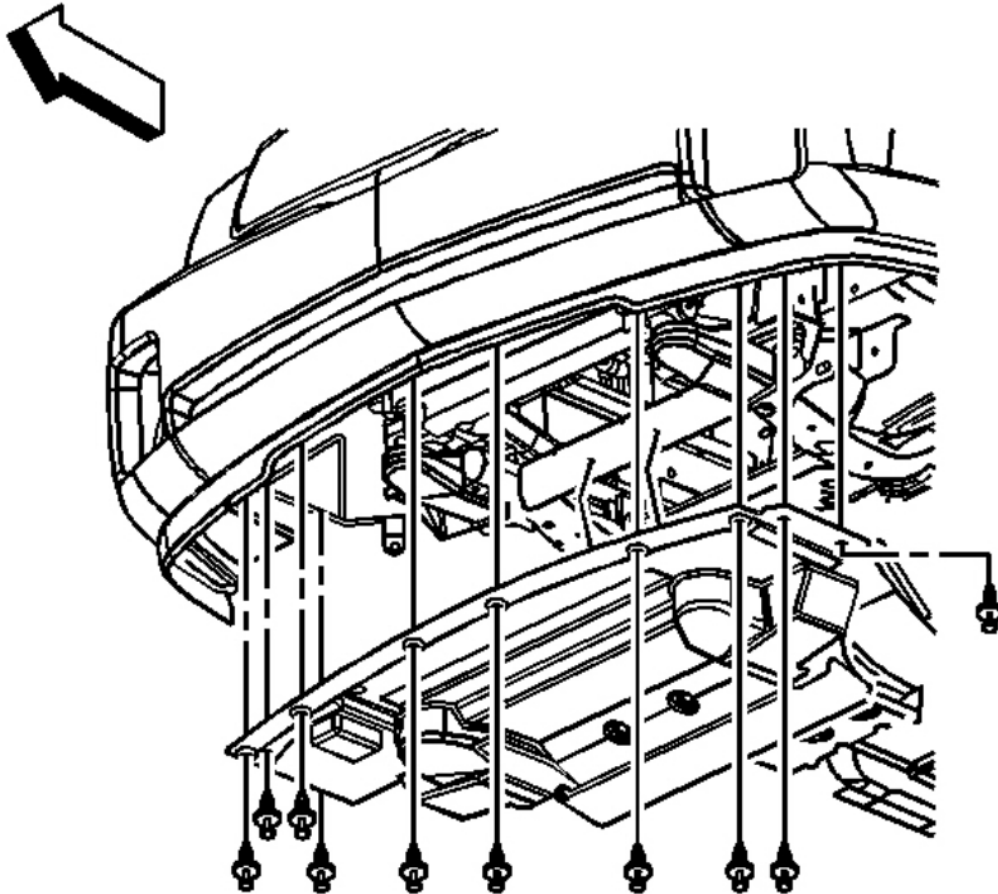


Fig. 13: Installing Front Air Deflector Push-In Retainers
Courtesy of GENERAL MOTORS CORP.

10. Install the lower air deflector to fascia push-in retainers.
11. Lower the vehicle.

FASCIA REINFORCEMENT REPLACEMENT - FRONT BUMPER

Removal Procedure

1. Remove the front fascia. Refer to **Fascia Replacement - Front Bumper**.

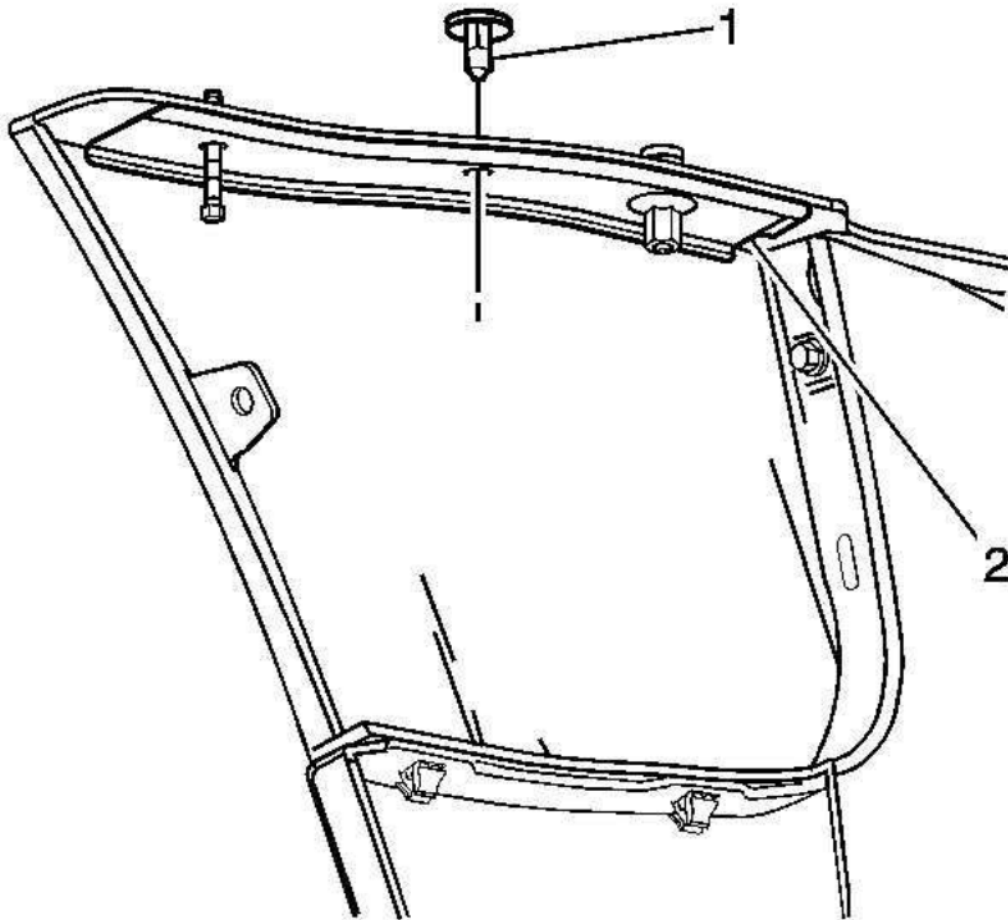


Fig. 14: View Of Fascia Reinforcement
Courtesy of GENERAL MOTORS CORP.

2. Remove the push-in retainer (1) that secure the fascia reinforcement (2) to the fascia by cutting with diagonal cutters.
3. Remove the fascia reinforcement (2) from the fascia.

Installation Procedure

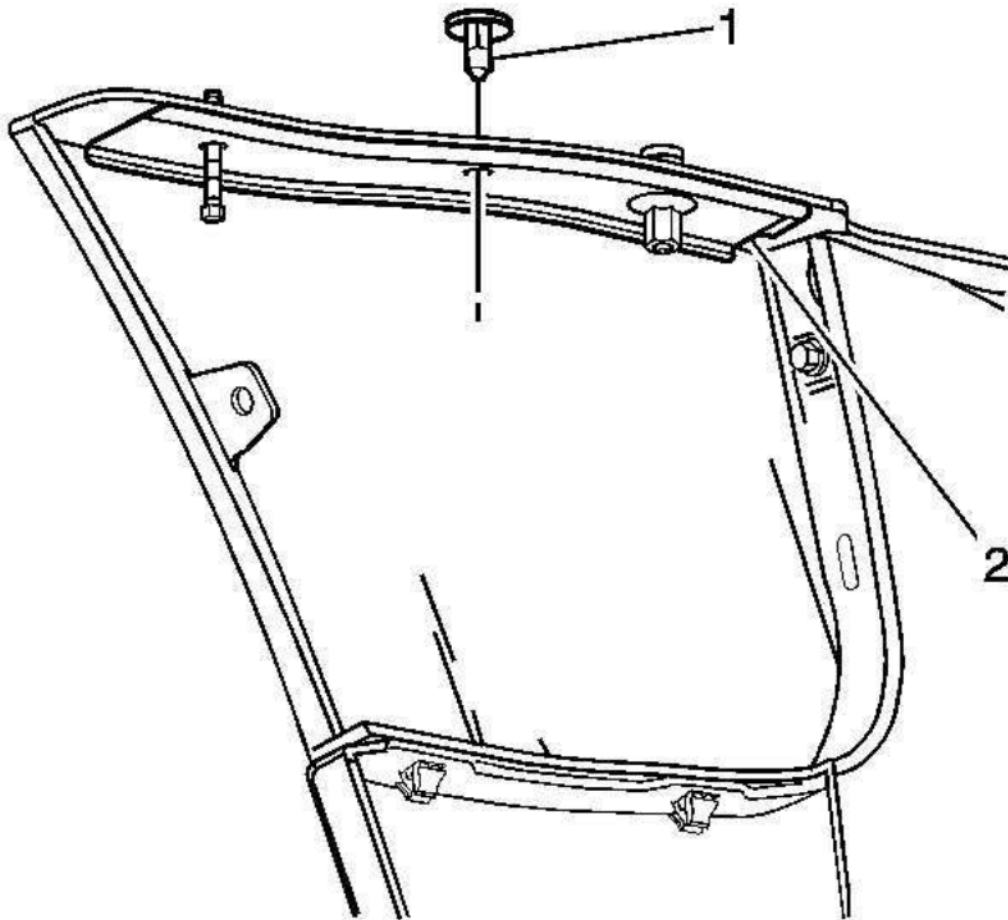


Fig. 15: View Of Fascia Reinforcement
Courtesy of GENERAL MOTORS CORP.

1. Position the reinforcement (2) to the fascia.
2. Install new push-in retainer (1) to secure the fascia reinforcement to the fascia.
3. Install the front fascia. Refer to **Fascia Replacement - Front Bumper**.

IMPACT BAR REPLACEMENT - FRONT BUMPER

Removal Procedure

1. Raise and support the vehicle. Refer to **Lifting and Jacking the Vehicle** in

General Information.

2. Remove the front bumper fascia. Refer to **Fascia Replacement - Front Bumper**.

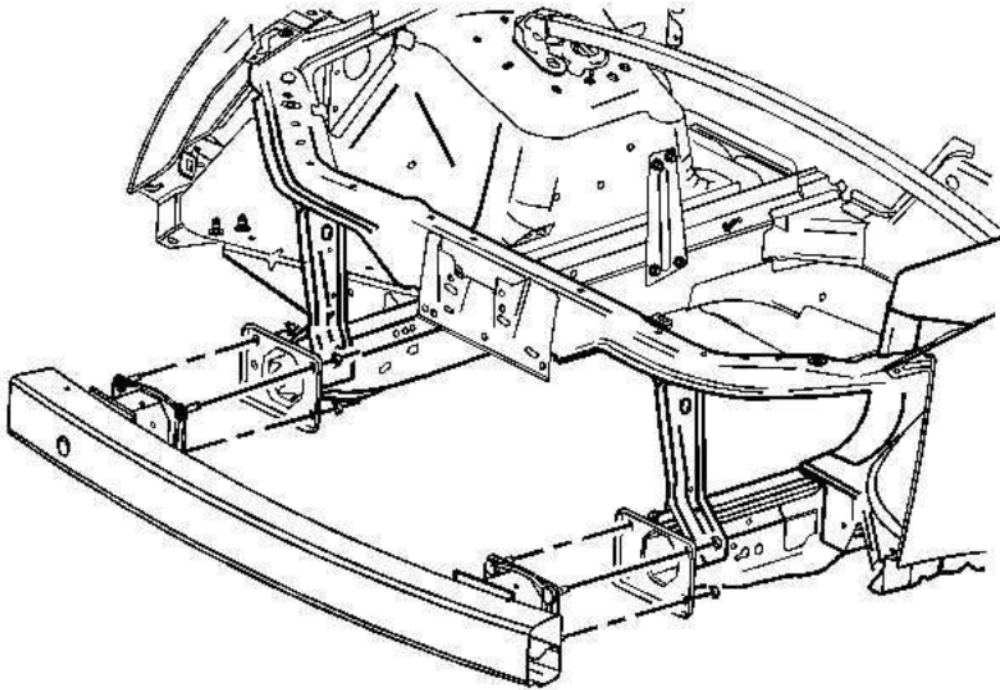


Fig. 16: View Of Front Impact Bar
Courtesy of GENERAL MOTORS CORP.

3. Remove the nuts that secure the impact bar to the frame rail.
4. Remove the front impact bar.

Installation Procedure

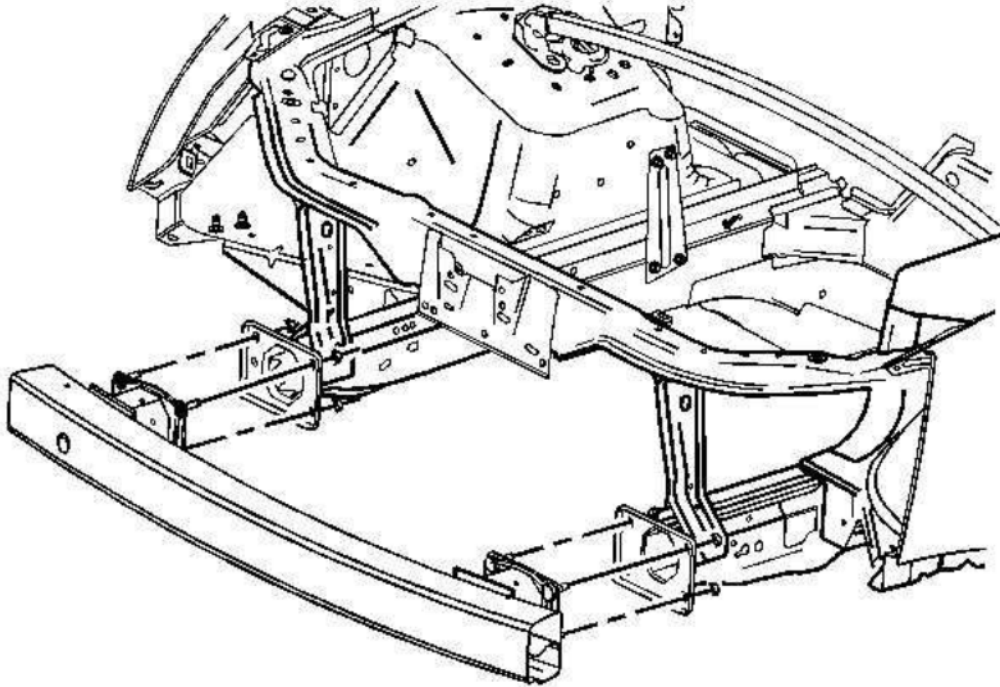


Fig. 17: View Of Front Impact Bar
Courtesy of GENERAL MOTORS CORP.

1. Install the front impact bar.

NOTE: Refer to Fastener Notice in Cautions and Notices.

2. Install the nuts in order to secure the impact bar to the front frame rail.

Tighten: Tighten the nuts to 25 N.m (18 lb ft).

3. Install the front bumper fascia. Refer to Fascia Replacement - Front Bumper.
4. Lower the vehicle.

FASCIA REPLACEMENT - REAR BUMPER

Removal Procedure

1. Remove the rear wheelhouse liner. Refer to **Wheelhouse Liner Panel Replacement - Rear** in Body Rear End.

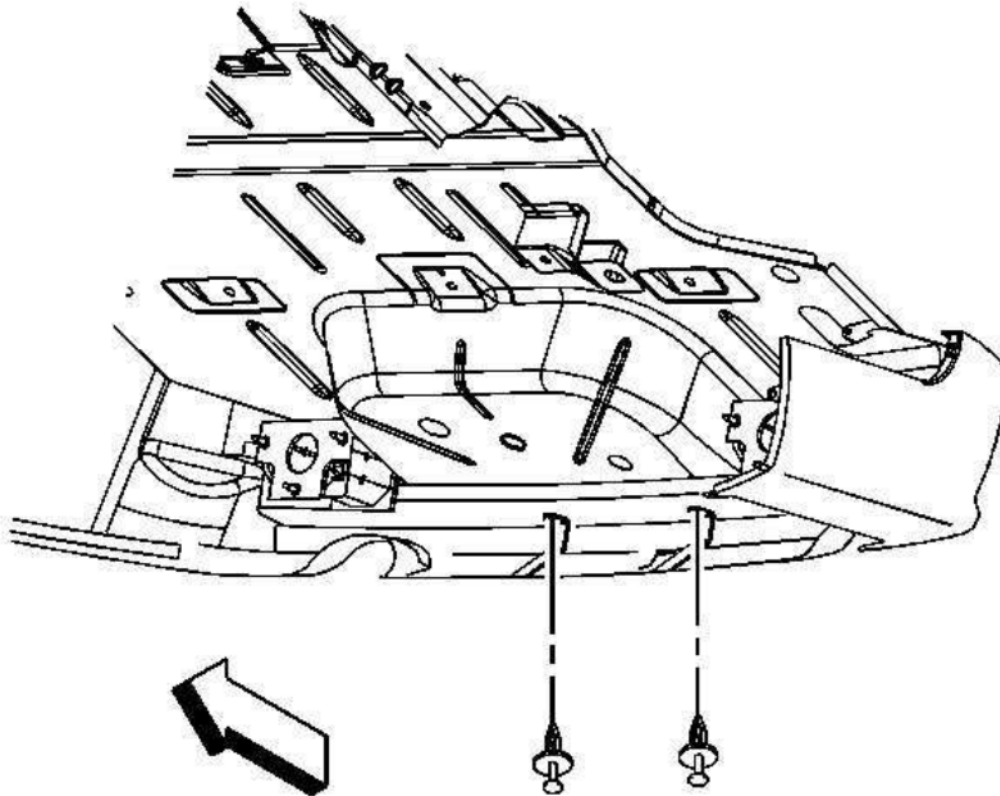


Fig. 18: View Of Rear Bumper Fascia Push-In Retainers
Courtesy of GENERAL MOTORS CORP.

2. Remove the push-in retainers.

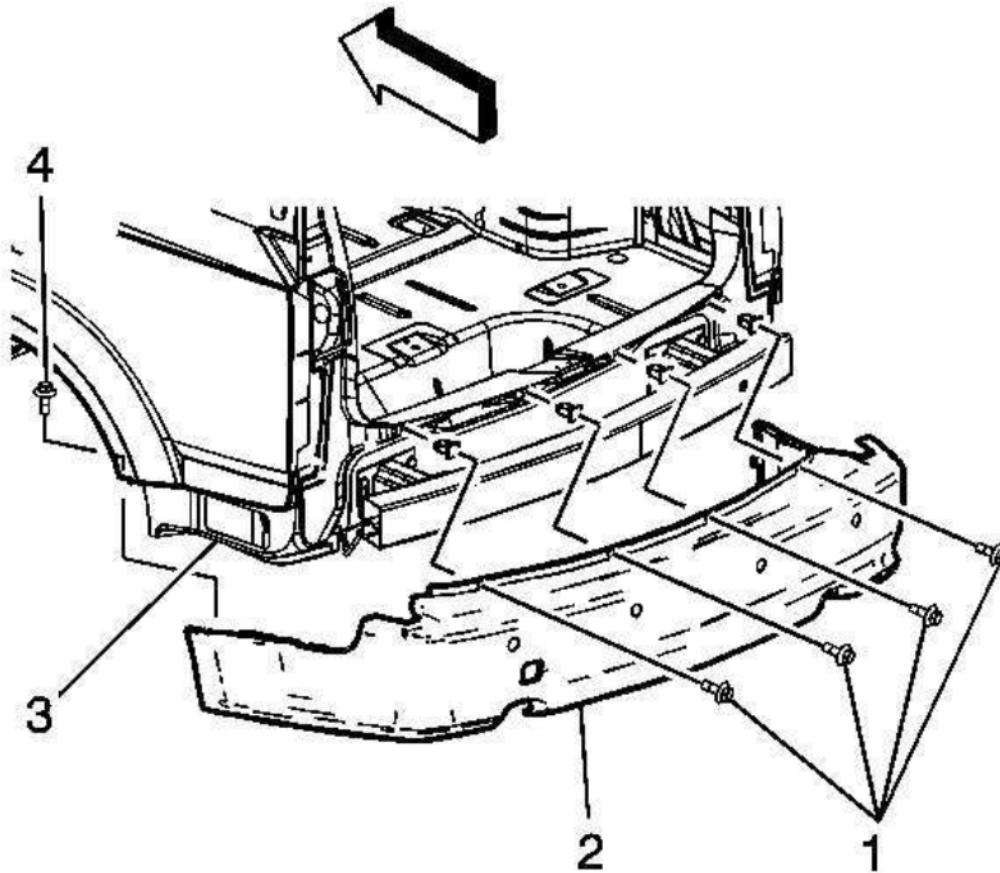


Fig. 19: View Of Rear Bumper Fascia
Courtesy of GENERAL MOTORS CORP.

3. Open the liftgate.
4. Remove the bolts (1) securing the fascia (2) to the rear end panel.
5. Remove the bolts (3) securing the fascia to the horizontal joint at the quarter panel (4).
6. Remove the fascia by sliding rearward to disengage the fascia from the rear bumper brackets.
7. Disconnect the electrical connector, if equipped.

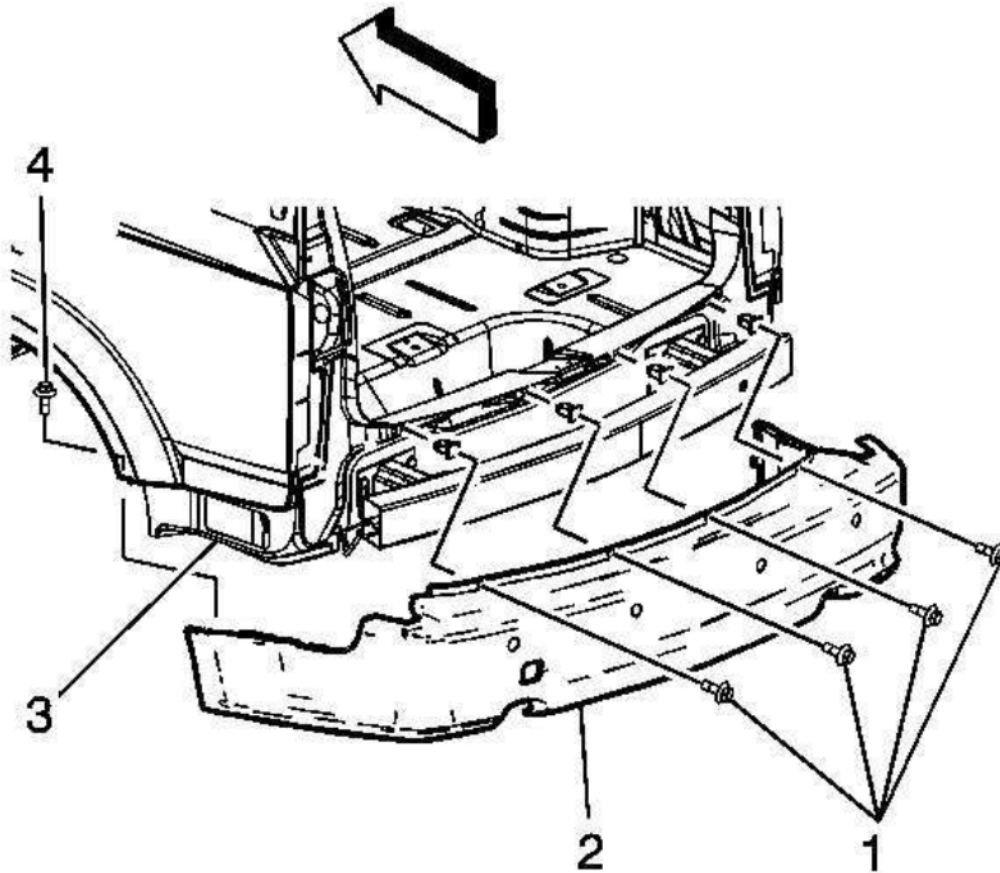


Fig. 20: View Of Rear Bumper Fascia
Courtesy of GENERAL MOTORS CORP.

1. Position the fascia (2) to the body.
2. Connect the electrical connector, if equipped.
3. Install the fascia to the quarter panel pressing into place until fully secured.

NOTE: Refer to Fastener Notice in Cautions and Notices.

4. Install the bolts (1) to secure the fascia to the rear end panel.

Tighten: Tighten the bolts (1) to 6 N.m (53 lb in).

5. Position the fascia to the horizontal joint at the quarter panel (4).
6. Install the bolts (3) in order to secure the fascia to the quarter panel (4).

Tighten: Tighten the bolts to 3 N.m (27 lb in).

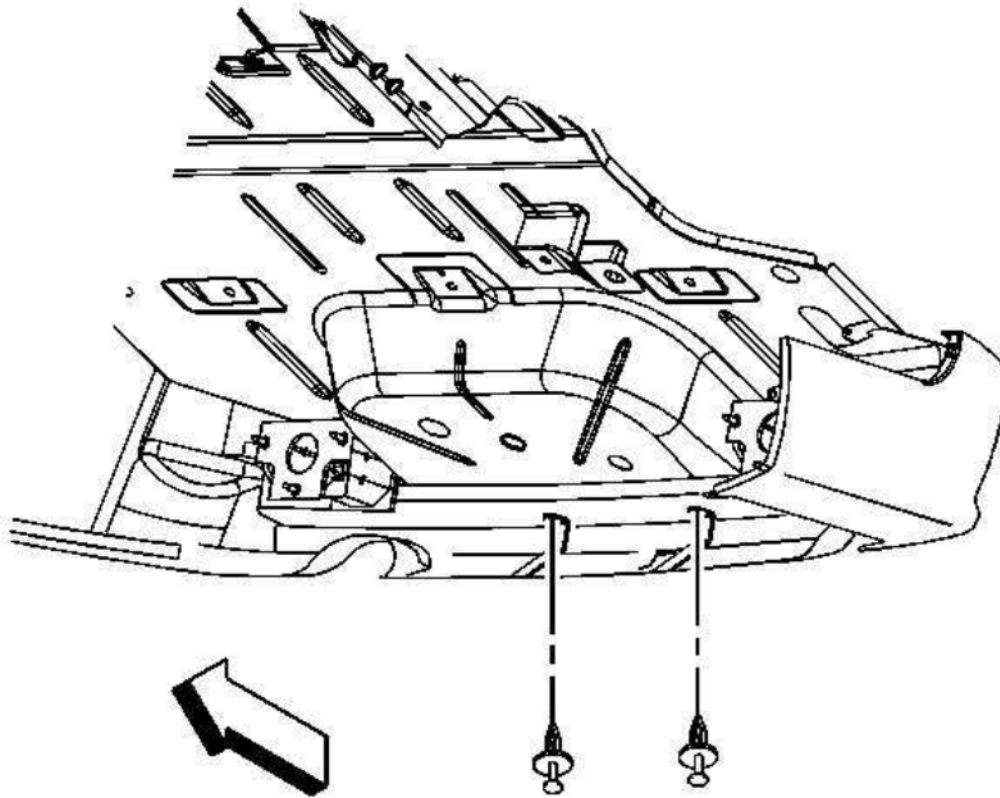


Fig. 21: View Of Rear Bumper Fascia Push-In Retainers
Courtesy of GENERAL MOTORS CORP.

7. Install push-in retainers (2) to secure the fascia to the rear impact bar.
8. Install the rear wheelhouse liner. Refer to **Wheelhouse Liner Panel Replacement - Rear** in Body Rear End.
9. Close the liftgate.

IMPACT BAR REPLACEMENT - REAR BUMPER**Removal Procedure**

1. Remove the rear bumper fascia. Refer to Fascia Replacement - Rear Bumper.

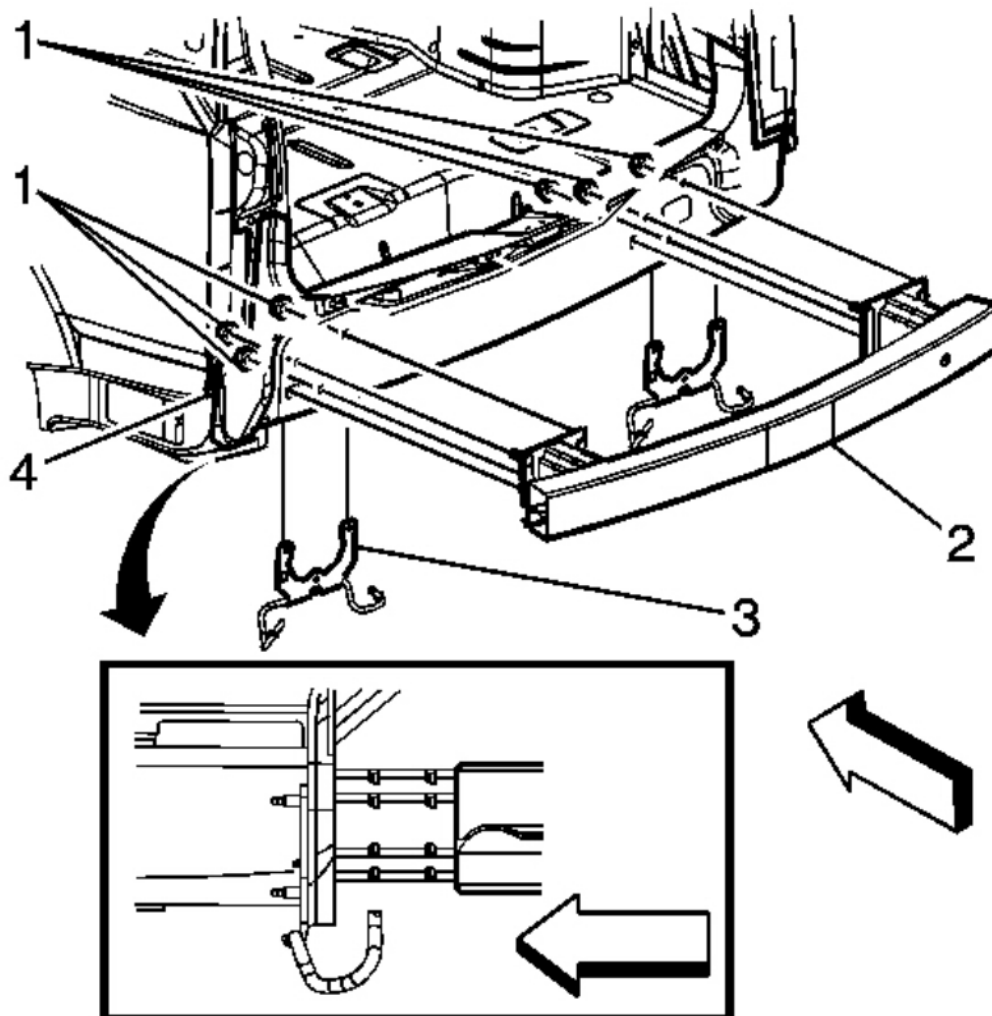


Fig. 22: View Of Rear Impact Bar
Courtesy of GENERAL MOTORS CORP.

2. Remove the nuts (1) that secure the impact bar (2) and the rear exhaust hangers (3) to the body (4).
3. Remove the rear impact bar (2) and the rear exhaust hangers (3).

Installation Procedure

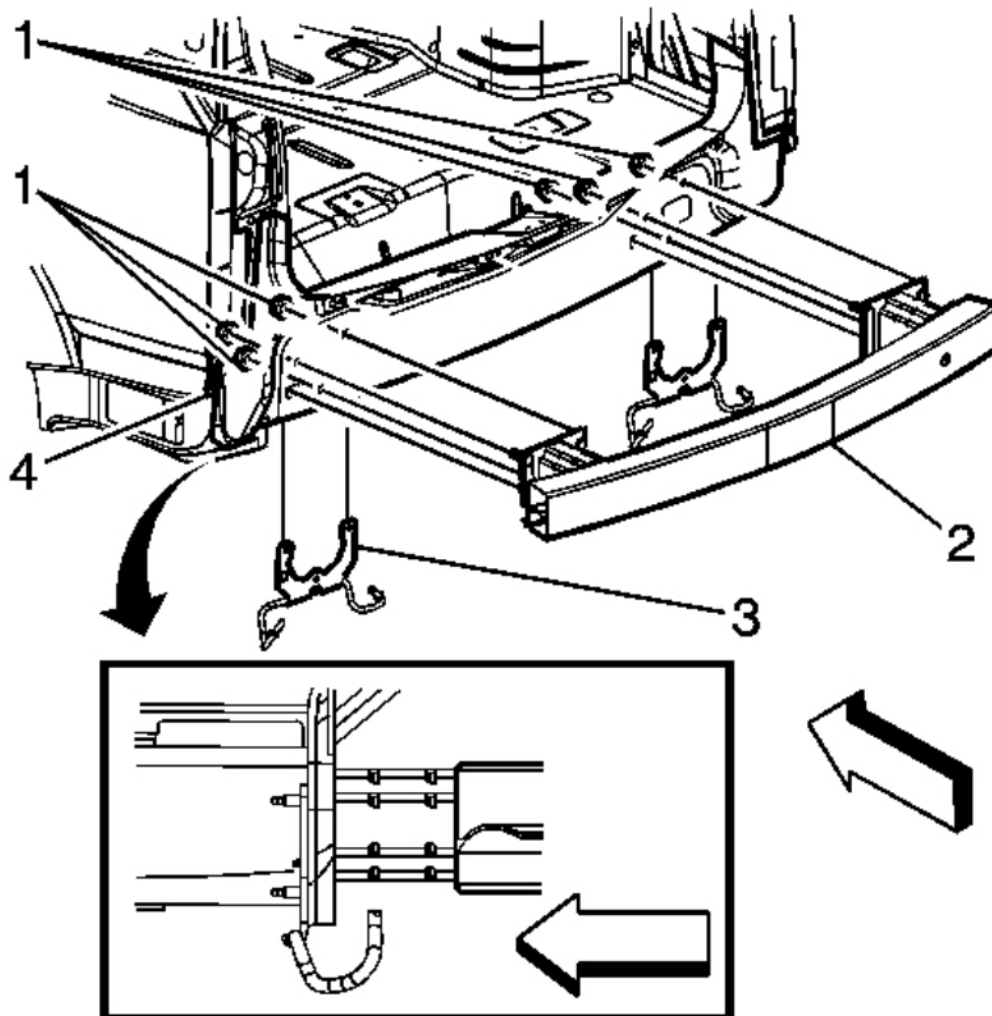


Fig. 23: View Of Rear Impact Bar
Courtesy of GENERAL MOTORS CORP.

2006 Cadillac SRX

2006 ACCESSORIES & EQUIPMENT Bumpers - SRX

1. Install the rear impact bar (2) and the rear exhaust hangers (3).

NOTE: Refer to Fastener Notice in Cautions and Notices.

2. Install the nuts (1) to secure the impact bar and the rear exhaust hangers (3) to the body (4).

Tighten: Tighten the nuts to 25 N.m (18 lb ft).

3. Install the rear bumper fascia. Refer to Fascia Replacement - Rear Bumper.

BRACKET REPLACEMENT - REAR BUMPER

Removal Procedure

1. Remove the rear bumper fascia. Refer to Fascia Replacement - Rear Bumper.

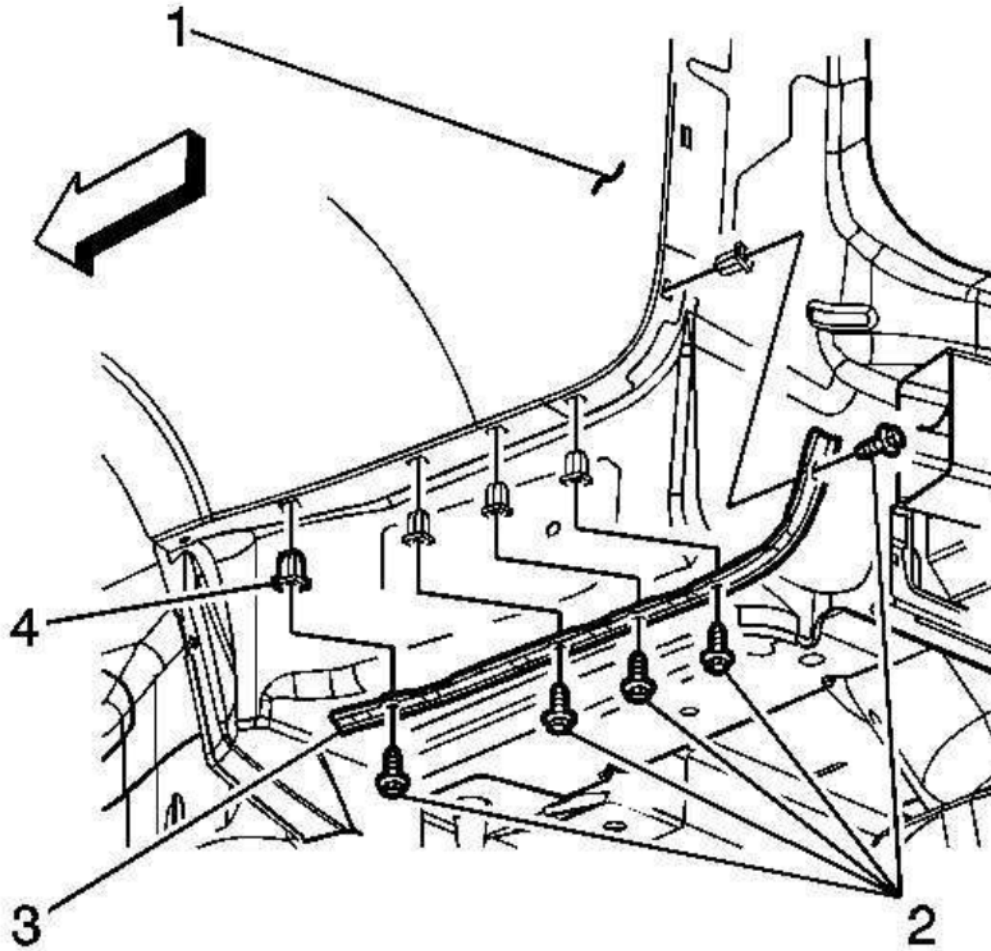


Fig. 24: View Of Rear Bumper Bracket
Courtesy of GENERAL MOTORS CORP.

2. Remove the bolts (2) securing the bumper bracket (3) to the quarter panel (1).
3. Remove the rear bumper bracket (3).

Installation Procedure

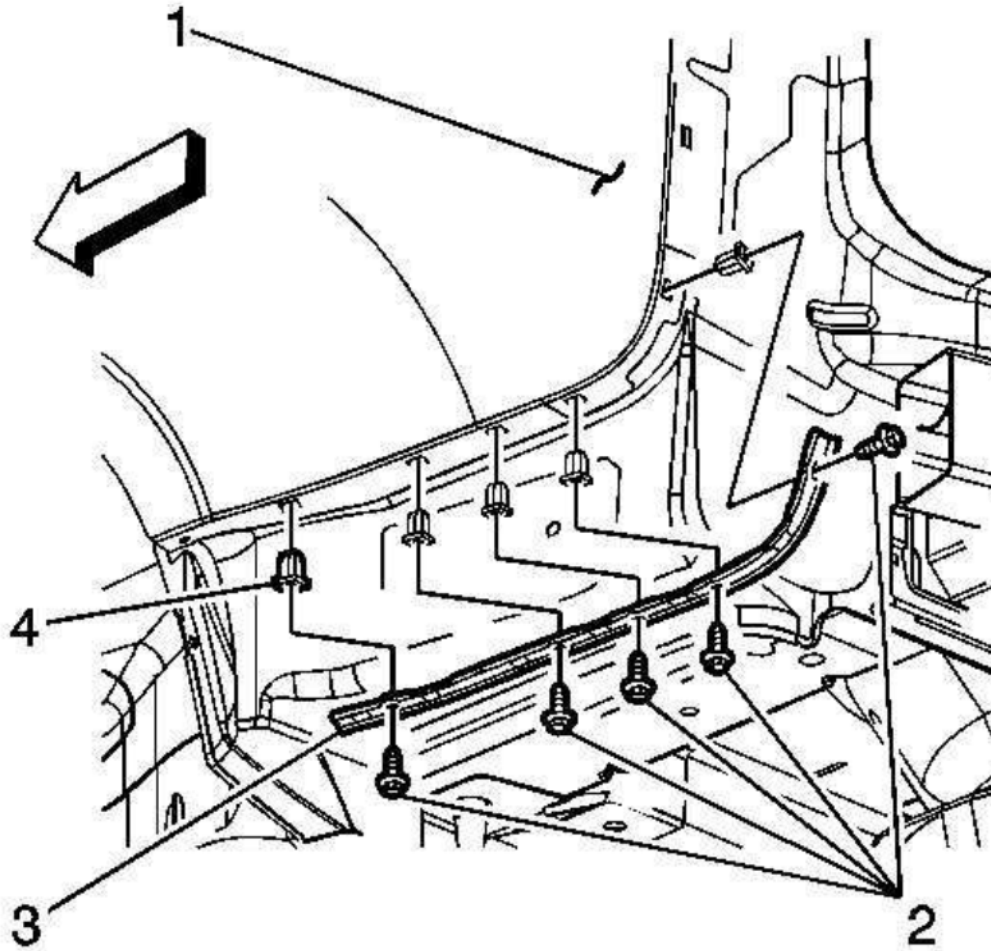


Fig. 25: View Of Rear Bumper Bracket
Courtesy of GENERAL MOTORS CORP.

1. Verify that the plastic retainers (4) are secure to the quarter panel.
2. Install the bumper bracket (3) to the quarter panel (1).

NOTE: Refer to Fastener Notice in Cautions and Notices.

3. Install the bolts (2) to secure the bumper bracket (3) to the quarter panel.

Tighten: Tighten the bumper bracket bolts to 3 N.m (27 lb in).

4. Install the rear bumper fascia. Refer to **Fascia Replacement - Rear Bumper**.

DESCRIPTION AND OPERATION

BUMPER AND FASCIA DESCRIPTION

General Motors passenger vehicle bumpers are designed to withstand a collision into a fixed barrier at 8 km/h (5 mph). After absorbing the energy of the collision, the bumper energy absorbers rebound to 80-90 percent of their original position. The bumper energy absorbing capability of the front and the rear bumper systems are achieved through one of the following components in each bumper:

- A honeycomb type energy absorbing structure
- A foam type energy absorbing structure
- An impact bar bracket energy absorbing structure

The front and the rear bumper fascias are made of urethane. Urethane withstands minor impact and returns to the original shape.

Refer to **General Plastic Repair Instructions** in Plastic Panel Information and Repair for repair or refinishing information on the bumper fascia.