

SECTION : 90

BUMPERS AND FASCIAS

CAUTION : *Disconnect the negative battery cable before removing or installing any electrical unit or when a tool or equipment could easily come in contact with exposed electrical terminals. Disconnecting this cable will help prevent personal injury and damage to the vehicle. The ignition must also be in LOCK unless otherwise noted.*

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SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Application	N•m	Lb-Ft	Lb-In
Fender-to-Fascia Bolts	10	–	89
Fender-to-Fascia Screws	2.5	–	22
Front Impact Bar Bolts	39	29	–
Lower Fascia Bolts	10	–	89
Luggage Compartment Fascia Bolts	2	–	18
Rear Impact Bar Nuts	9	–	80
Rear Wheel Well Fascia Bolts	2	–	18

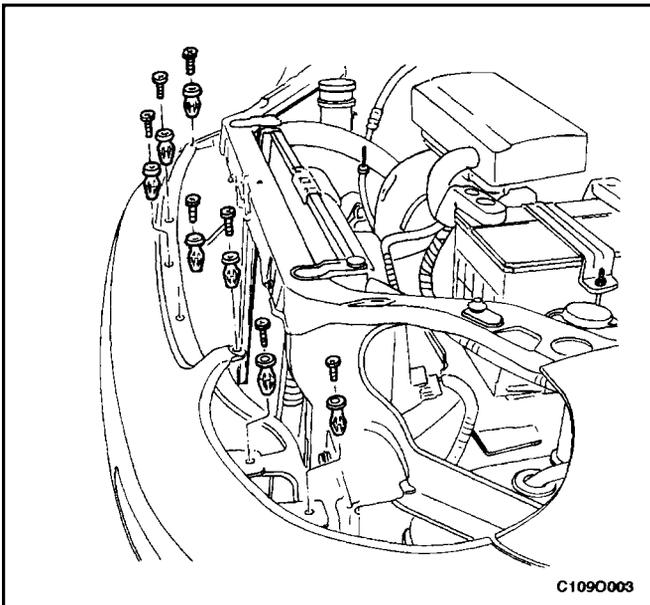
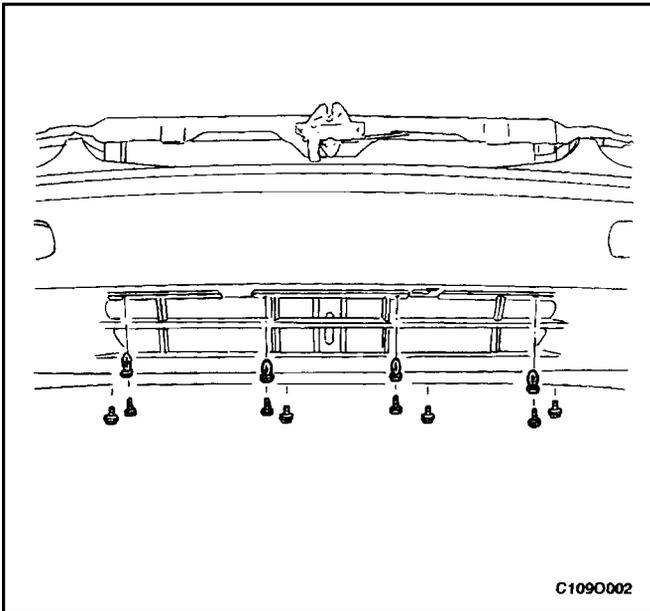
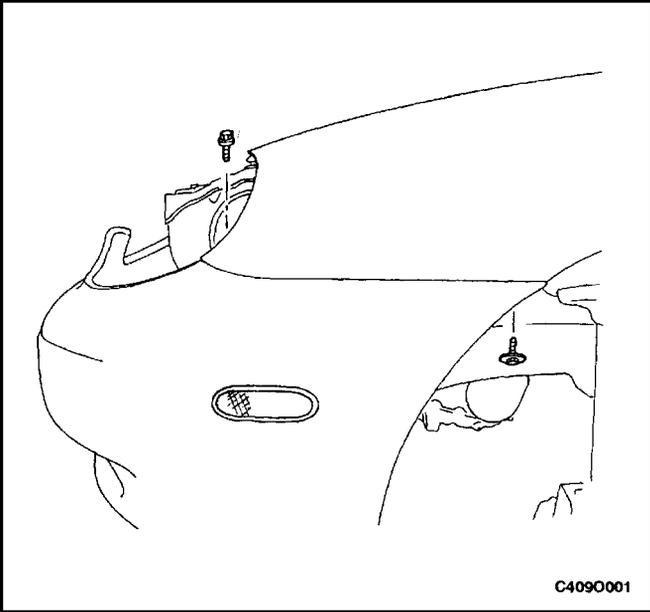
MAINTENANCE AND REPAIR

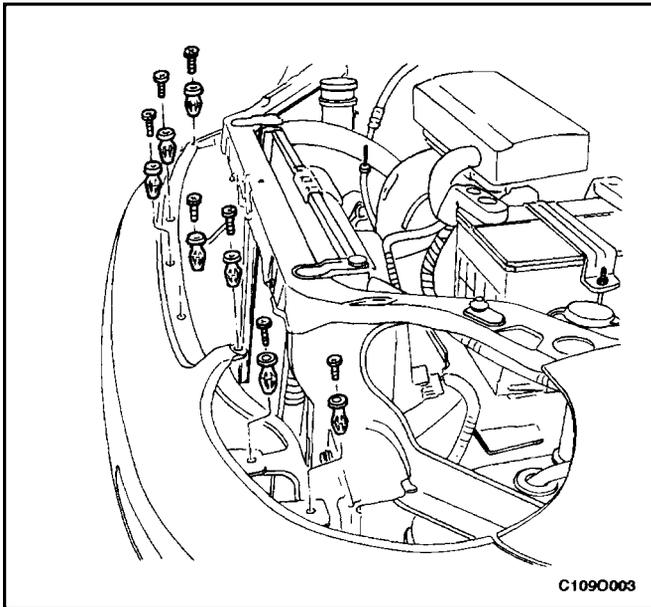
ON-VEHICLE SERVICE

FRONT BUMPER FASCIA

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the front wheel well splash shields. Refer to *Section 9R, Body Front End*.
3. Remove the turn signal lamps, the front sidemarker lamps, the fog lamps, and the headlamps. Refer to *Section 9B, Lighting Systems*.
4. Remove the fender-to-fascia bolts and the screws.
5. Remove the fender-to-fascia bolts and the screws.
6. Remove the upper fascia screws.
7. Remove the front bumper fascia.



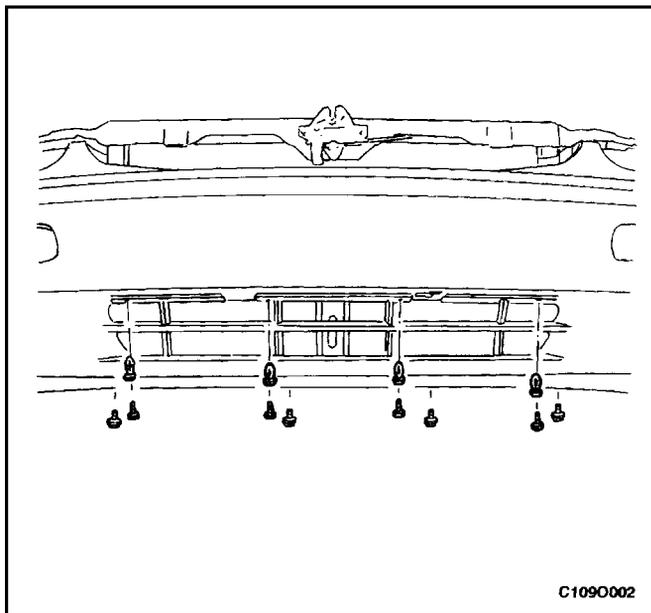


Installation Procedure

1. Install the front bumper fascia.

Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

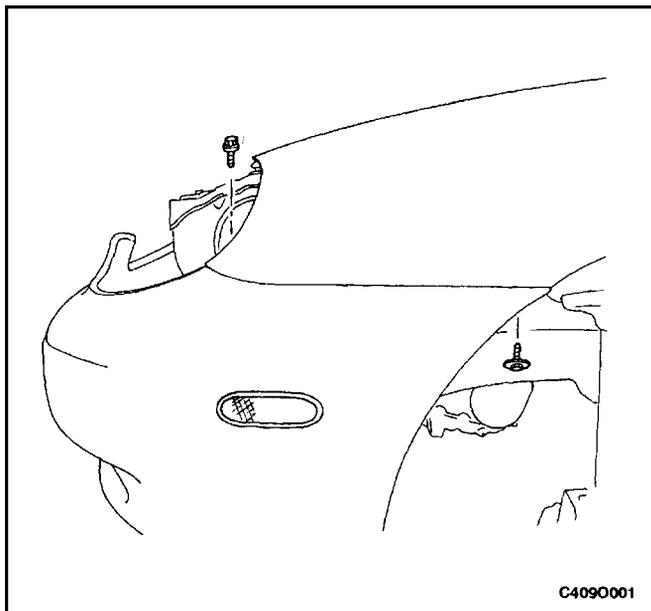
2. Install the upper fascia screws.



3. Install the lower fascia screws and the bolts.

Tighten

Tighten the lower fascia bolts to 10 N•m (89 lb-in).



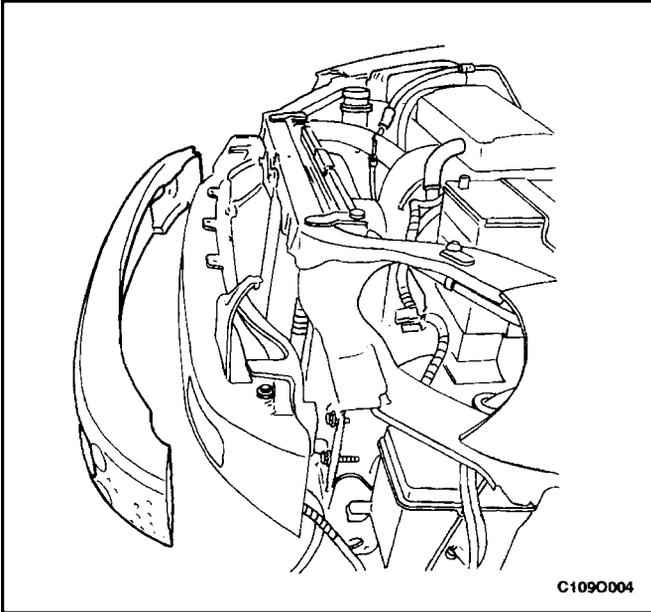
4. Install the fender-to-fascia bolts and the screws.

Tighten

Tighten the fender-to-fascia bolts to 10 N•m (89 lb-in).

Tighten the fender-to-fascia screws to 2.5 N•m (22 lbin).

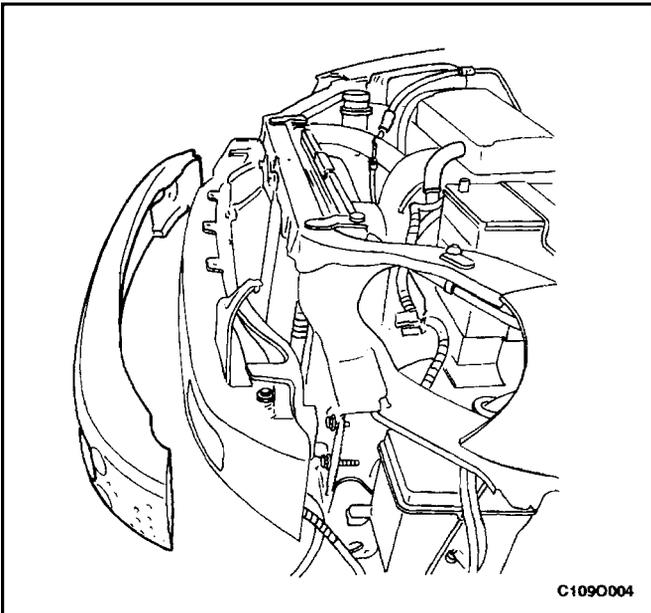
5. Install the headlamps, the front sidemarker lamps, the fog lamps, and the turn signal lamps. Refer to *Section 9B, Lighting Systems*.
6. Install the front wheel well splash shields. Refer to *Section 9B, Lighting Systems*.
7. Connect the negative battery cable.



FRONT BUMPER ENERGY ABSORBER

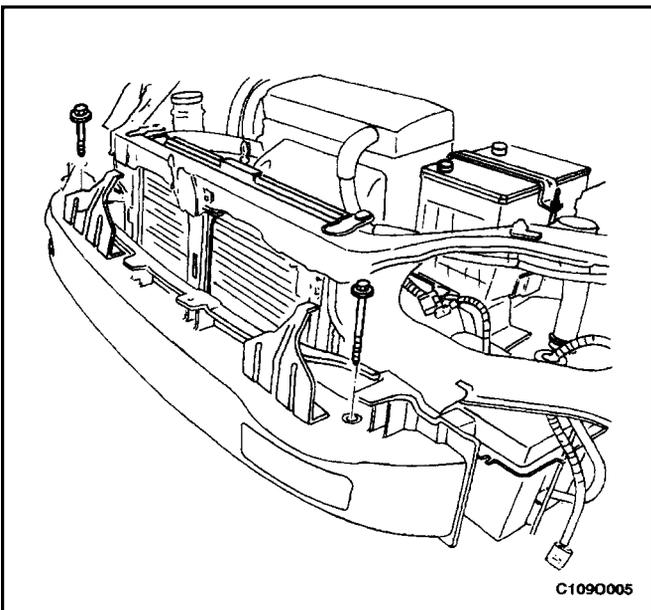
Removal Procedure

1. Remove the front bumper fascia. Refer to "Front Bumper Fascia" in this section.
2. Remove the energy absorber.



Installation Procedure

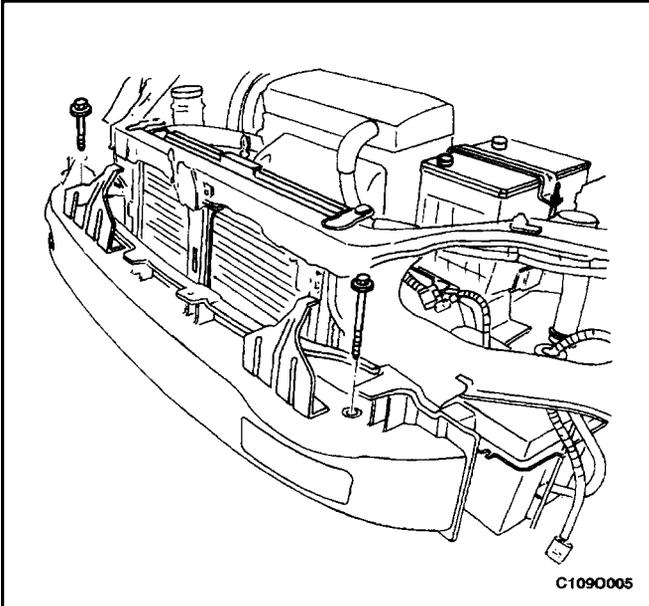
1. Install the energy absorber.
2. Install the front bumper fascia. Refer to "Front Bumper Fascia" in this section.



FRONT BUMPER IMPACT BAR

Removal Procedure

1. Remove the front bumper fascia. Refer to "Front Bumper Fascia" in this section.
2. Remove the front bumper energy absorber. Refer to "Front Bumper Energy Absorber" in this section.
3. Disconnect the electrical connector.
4. Remove the bolts and the front bumper impact bar.



Installation Procedure

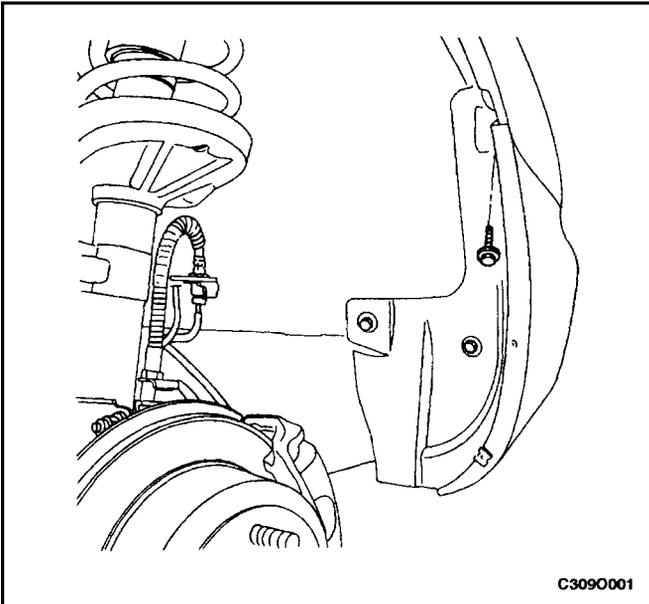
Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

1. Install the front impact bar with the bolts.

Tighten

Tighten the front impact bar bolts to 39 N•m (29 lb–ft).

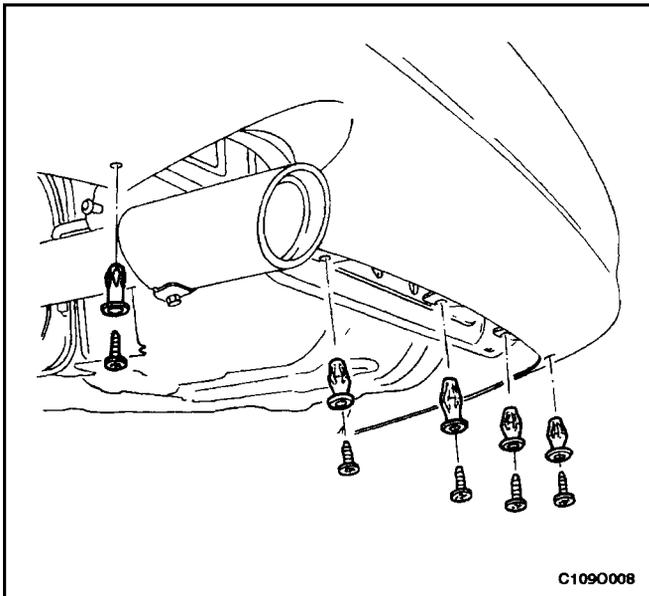
2. Connect the electrical connector.
3. Install the front bumper energy absorber. Refer to "Front Bumper Energy Absorber" in this section.
4. Install the front bumper fascia. Refer to "Front Bumper Fascia" in this section.



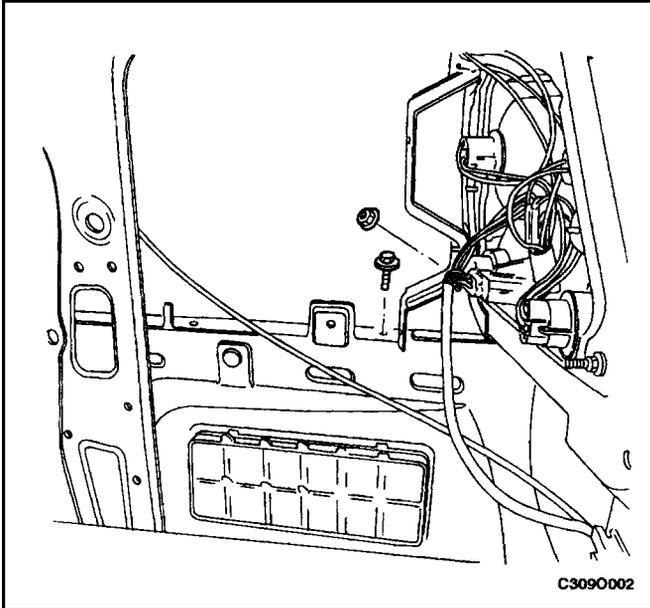
REAR BUMPER FASCIA

Removal Procedure

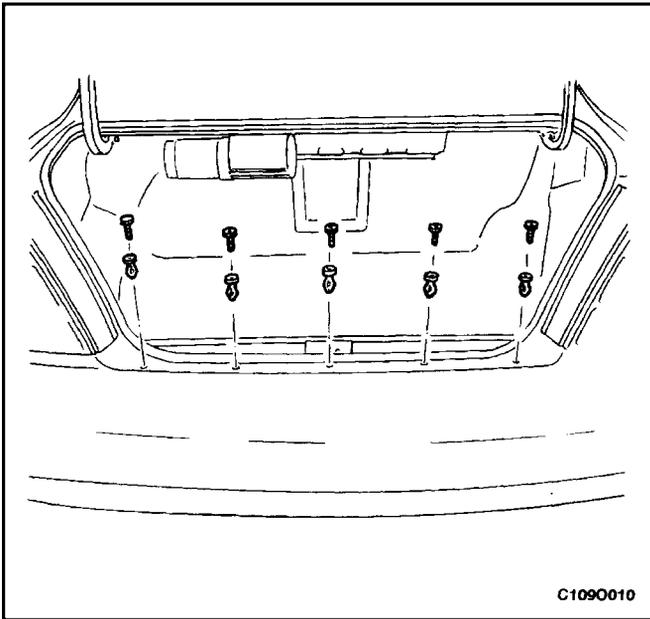
1. Remove the rear wheels. Refer to *Section 2E, Tires and Wheels*.
2. Remove the rear wheel mud guards. Refer to *Section 9M, Exterior Trim*.
3. Remove the fascia bolts at the top of the rear wheel wells.



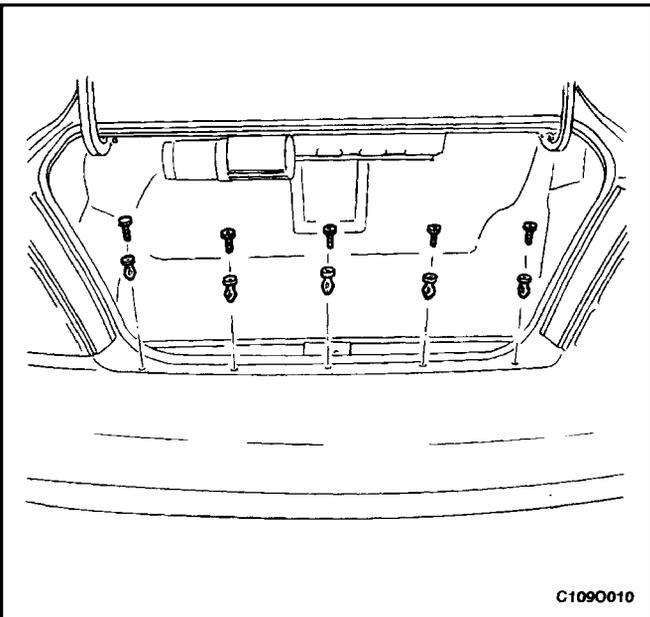
4. Remove the lower fascia screws.



5. Remove the luggage compartment wheelhouse trim panel. Refer to *Section 9G, Interior Trim*.
6. Remove the fascia bolts in the luggage compartment.
7. Remove the rear sidemarker lamps. Refer to *Section 9B, Lighting Systems*.

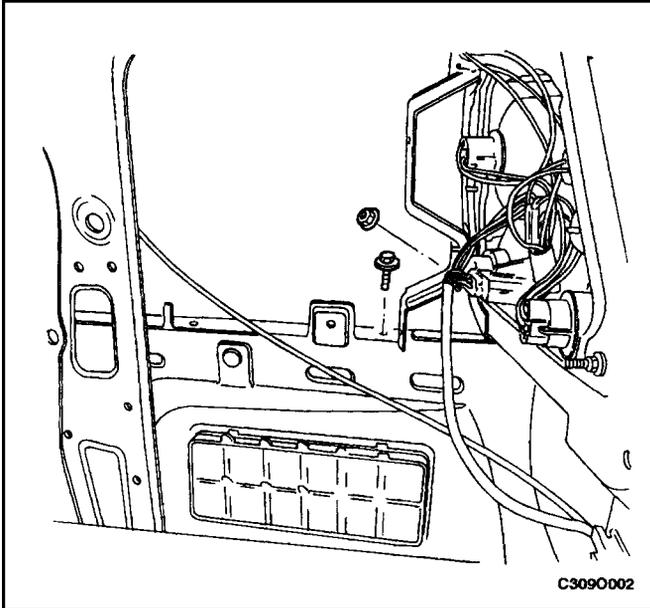


8. Remove the upper fascia screws.
9. Remove the fascia.



Installation Procedure

1. Install the fascia.
2. Install the upper fascia screws.
3. Install the rear sidemarker lamps. Refer to *Section 9B, Lighting Systems*.

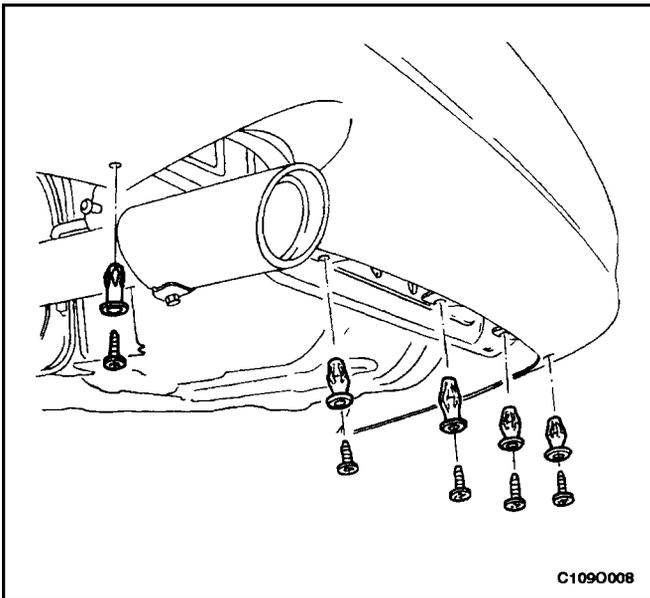


Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

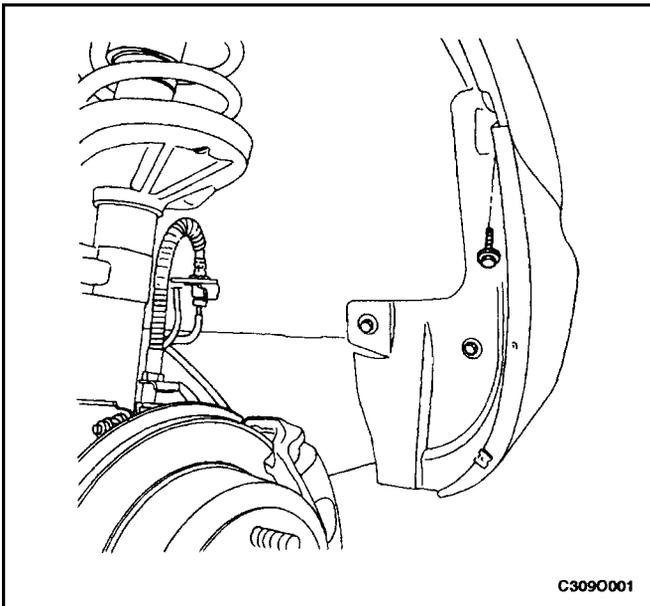
4. Install the luggage compartment fascia bolts.

Tighten

Tighten the luggage compartment fascia bolts to 2 N•m (18 lb-in).



5. Install the luggage compartment wheelhouse trim panel. Refer to *Section 9G, Interior Trim*.
6. Install the lower fascia screws.

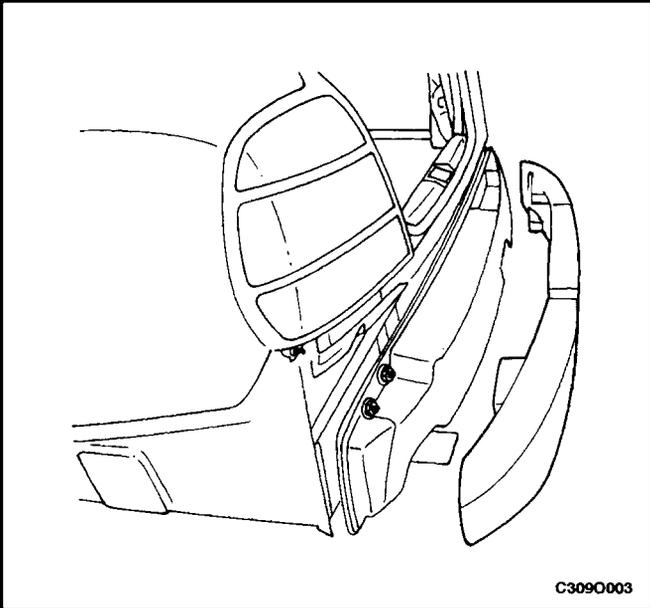


7. Install the rear wheel well fascia bolts.

Tighten

Tighten the rear wheel well fascia bolts to 2 N•m (18 lb-in).

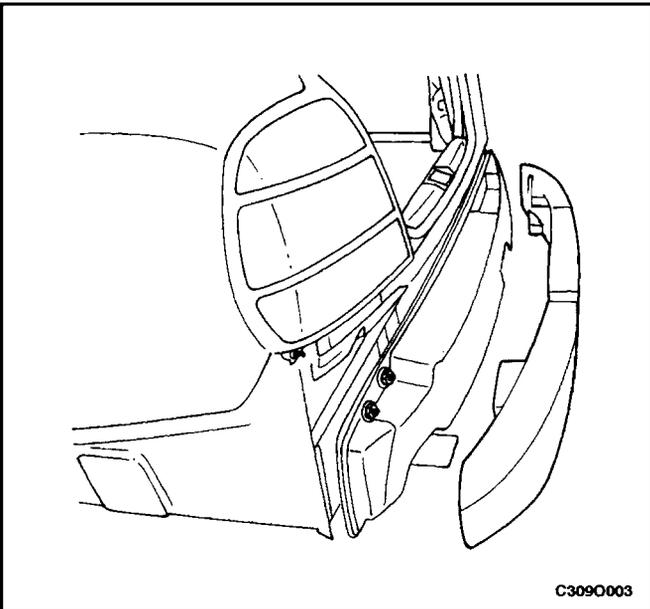
8. Install the rear wheel mud guards. Refer to *Section 9M, Exterior Trim*.
9. Install the rear wheels. Refer to *Section 2E, Tires and Wheels*.



REAR BUMPER ENERGY ABSORBER

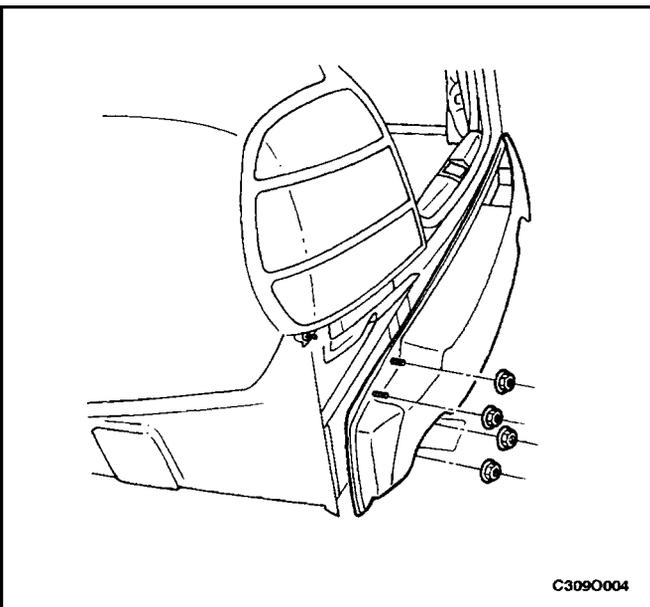
Removal Procedure

1. Remove the rear bumper fascia. Refer to "Rear Bumper Fascia" in this section.
2. Remove the energy absorber.



Installation Procedure

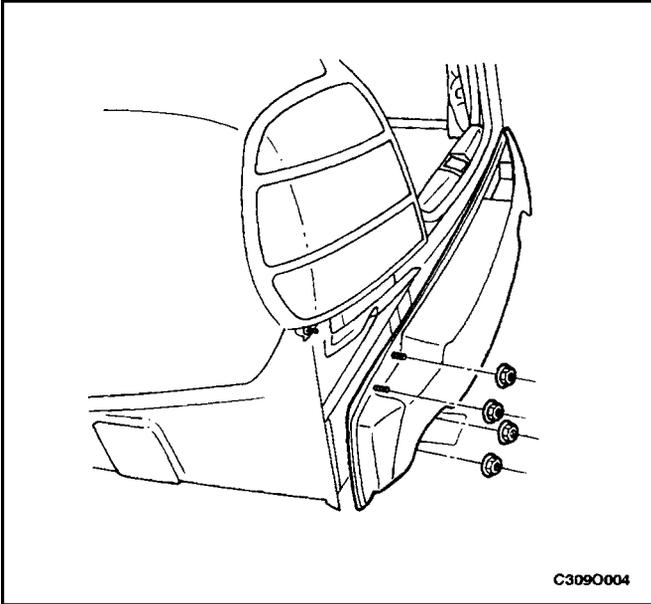
1. Install the energy absorber.
2. Install the rear bumper fascia. Refer to "Rear Bumper Fascia" in this section.



REAR BUMPER IMPACT BAR

Removal Procedure

1. Remove the rear bumper fascia. Refer to "Rear Bumper Fascia" in this section.
2. Remove the rear bumper energy absorber. Refer to "Rear Bumper Energy Absorber" in this section.
3. Remove the nuts and the impact bar.



Installation Procedure

Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

1. Install the impact bar with the nuts.

Tighten

Tighten the rear impact bar nuts to 9 N•m (80 lb-in).

2. Install the rear bumper energy absorber. Refer to "Rear Bumper Energy Absorber" in this section.
3. Install the rear bumper fascia. Refer to "Rear Bumper Fascia" in this section.

GENERAL DESCRIPTION AND SYSTEM OPERATION

restore themselves to their original positions. The bumpers feature an internal foam energy absorber and a polymer fascia cover.

BUMPERS

The bumper systems are designed to sustain a collision into a fixed barrier at 8 km/h (5 mph) without damage. After absorbing the energy of a collision, the bumper systems