

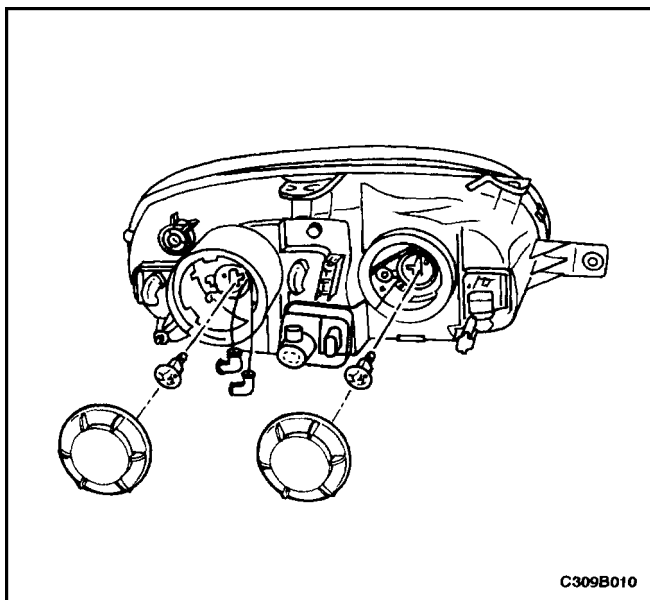
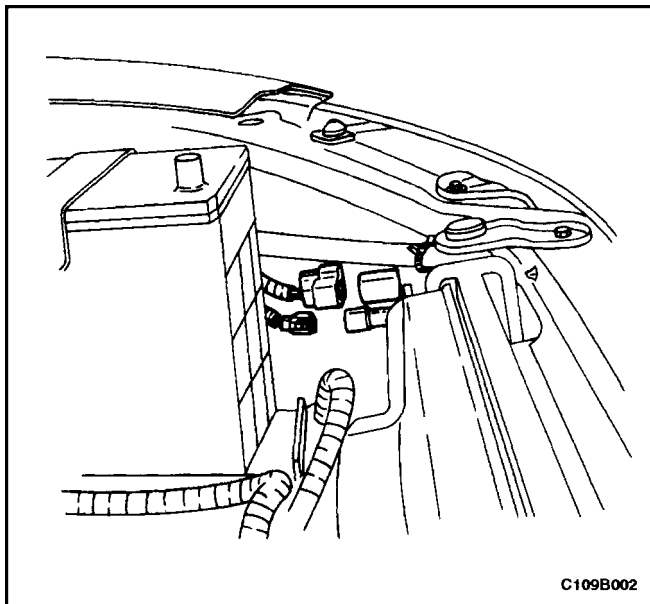
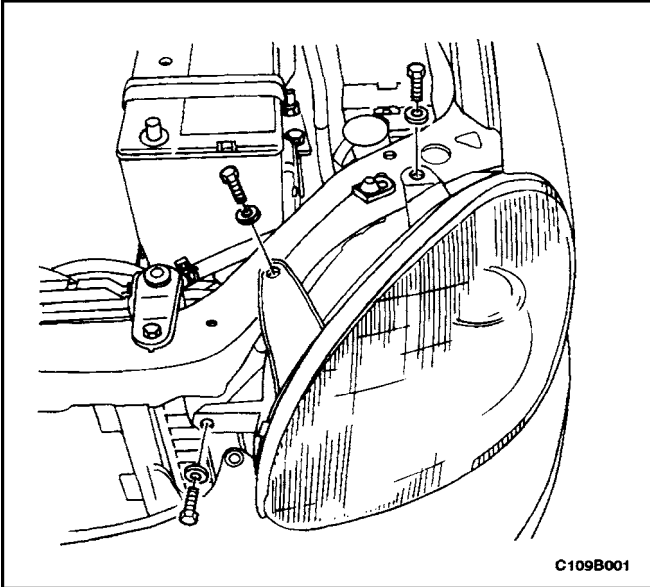
MAINTENANCE AND REPAIR

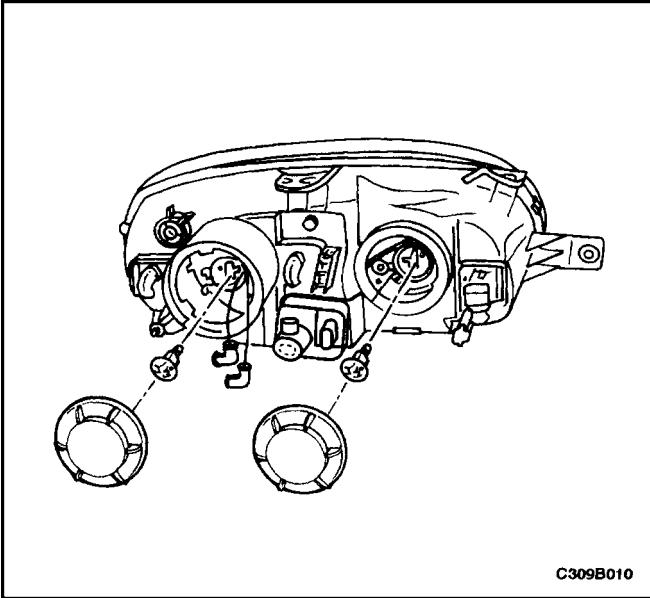
ON-VEHICLE SERVICE

HEADLAMPS

Removal Procedure

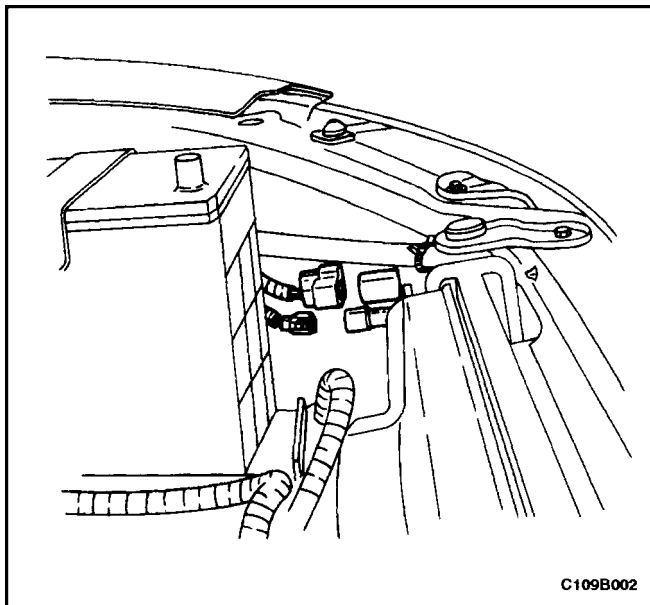
1. Disconnect the negative battery cable.
2. Remove the bolts and the headlamp assembly.
3. Disconnect the headlamp assembly electrical connectors.
4. Remove the cap that conceals the headlamp bulb.
5. Disconnect the headlamp bulb electrical connector.
6. Remove the headlamp bulb.



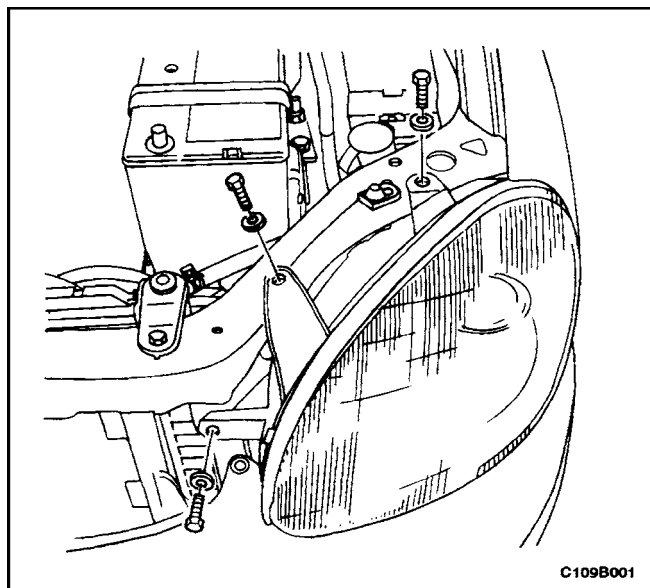


Installation Procedure

1. Install the replacement headlamp bulb.
2. Connect the headlamp bulb electrical connector.
3. Install the cap that conceals the headlamp bulb.



4. Connect the headlamp assembly electrical connectors.



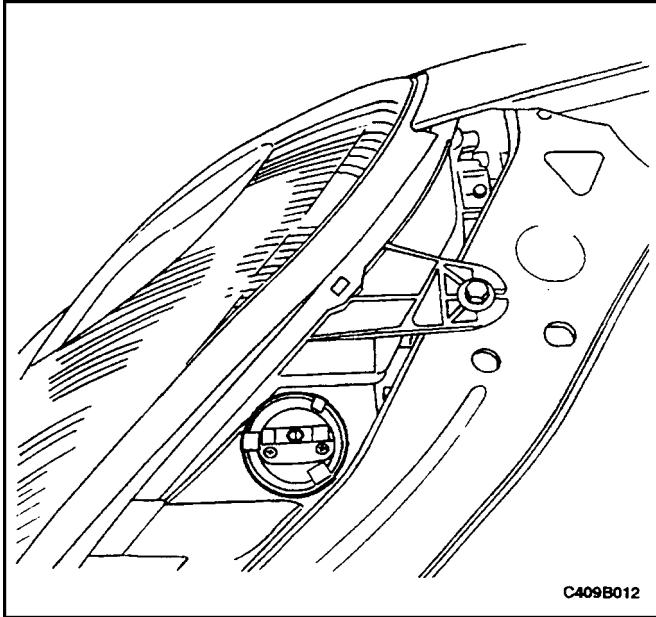
Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

5. Install the headlamp assembly with the bolts.

Tighten

Tighten the headlamp assembly bolts to 4N•m (35 lb-in).

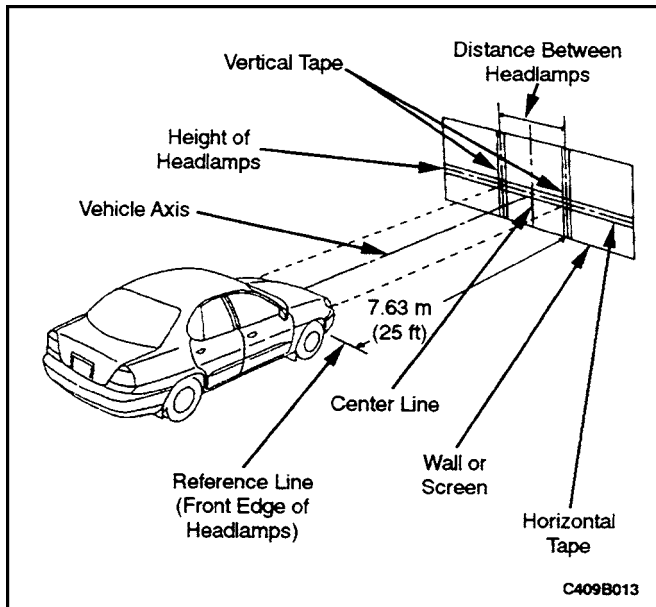
6. Connect the negative battery cable.



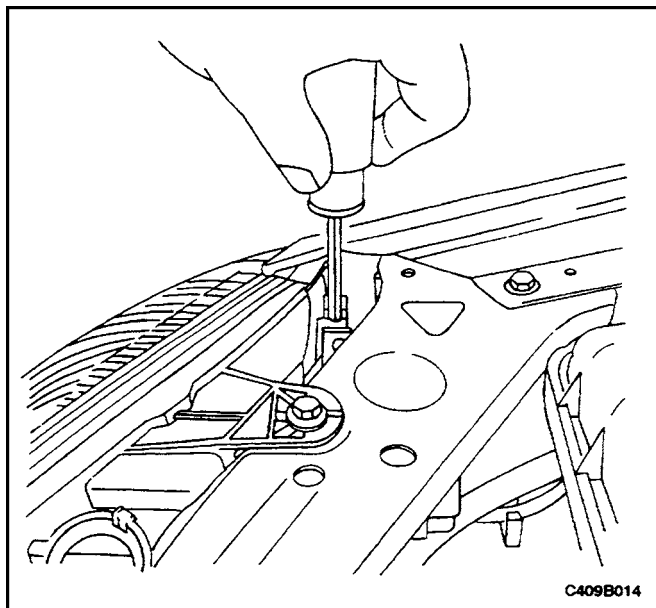
HEADLAMP AIMING

Important : Check and adjust, if necessary, headlamp aiming whenever a headlamp assembly is replaced or the vehicle has been in a collision. If the headlamp cannot be properly adjusted, replace the headlamp. Refer to "Headlamps" in this section.

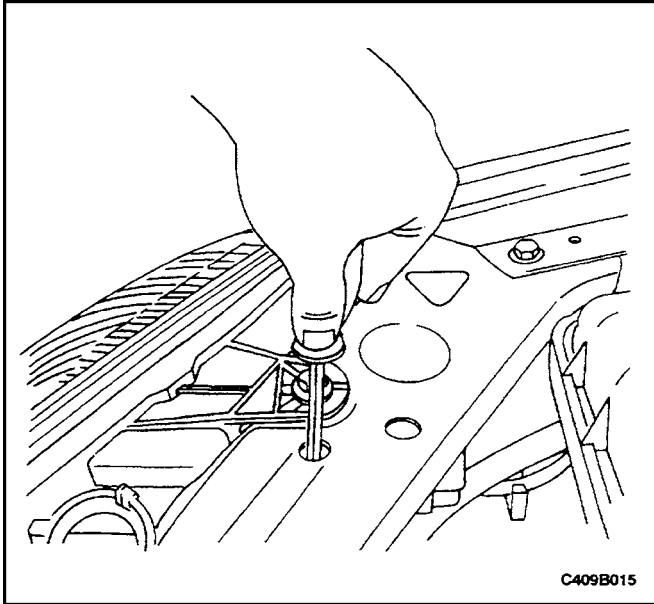
1. Open and support the hood.
2. Check the vertical adjustment indicator. The bubble should be centered at the "0" mark.
3. Check the horizontal adjustment indicator. The arrow should be centered at the "0" mark.
4. If either the vertical or the horizontal adjustment indicator is not set to "0", use a Phillips screwdriver to adjust the headlamps to "0".



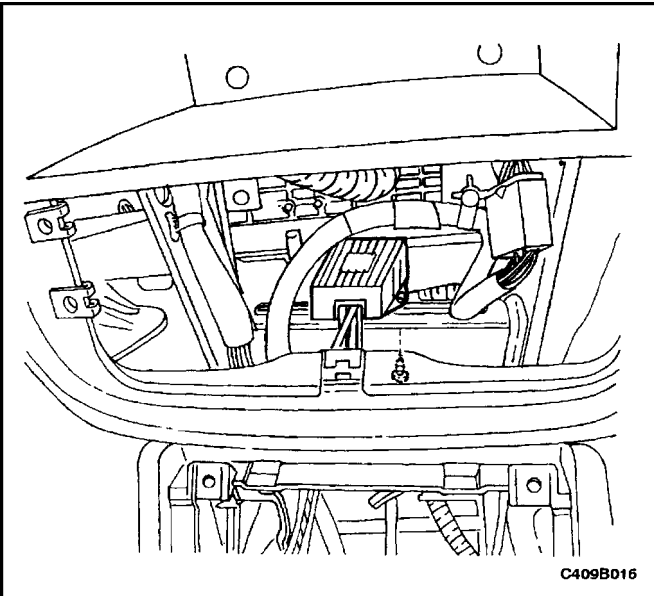
5. Position the vehicle so it 7.63 meters (25 feet) from, and square to, a white wall or a large screen in a dark area.
6. The vehicle should be parked on level ground.
7. The vehicle axis should be pointed at the centerline of the wall or screen.
8. Place a vertical piece of tape on either side of, and an equal distance from, the centerline of wall. The distance between the vehicle headlamps.
9. Place a horizontal piece of tape on the wall at a height equal to the headlamps.



10. Turn on the low beam headlamps.
11. Observe the top and the left edge of the high intensity zone of the low beams.
12. If the left edge is more than 102 mm (4 inches) to the left or to the right of the straight-ahead position, as marked by the vertical tape, adjust the horizontal aim of the headlamps with a Phillips screwdriver.



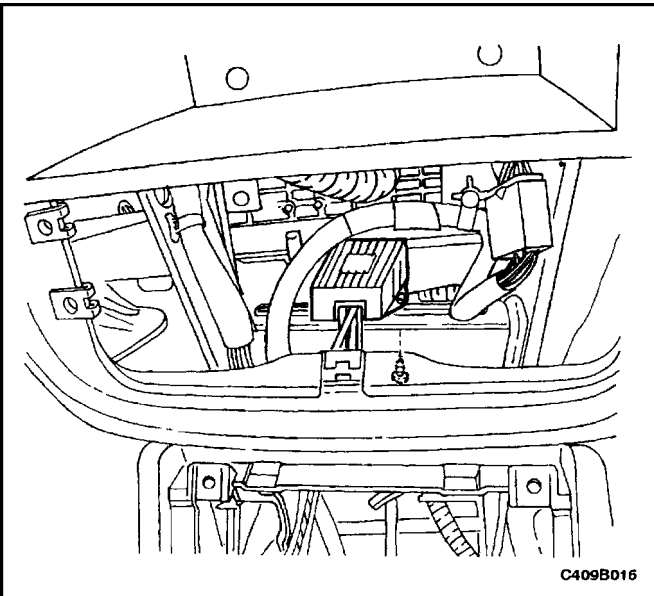
13. If the left edge is more than 102 mm (4 inches) above or below the correct horizontal placement, as marked by the horizontal tape, adjust the vertical aim of the headlamps with a Phillips screwdriver.



DAYTIME RUNNING LAMP MODULE

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the HVAC controls. Refer to *Section 7B, Manual Control, Heating, Cooling, and Air Conditioning System*.
3. Remove the ashtray. Refer to *Section 9E, Instrumentation/Driver Information*.
4. Remove the screws and the daytime running lamp module.
5. Disconnect the electrical connector.



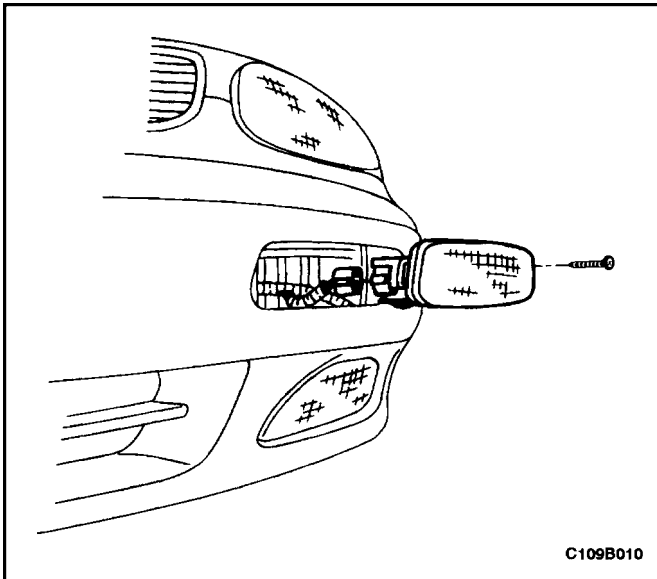
Installation Procedure

1. Connect the electrical connector.
2. Install the daytime running lamp module with the screws.

Tighten

Tighten the daytime running lamp module screws to 4 N•m (35 lb-in).

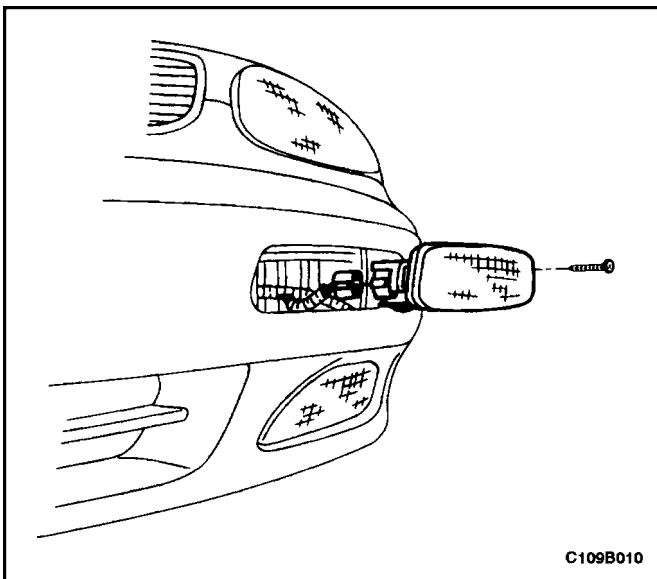
3. Install the ashtray. Refer to *Section 9E, Instrumentation/Driver Information*.
4. Install the HVAC controls. Refer to *Section 7B, Manual Control, Heating, Cooling, and Air Conditioning System*.
5. Connect the negative battery cable.



PARKING AND FRONT TURN SIGNAL LAMPS

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the screw and the front turn signal lamp.
3. Disconnect the electrical connector.
4. Twist and remove the bulb from the front turn signal lamp.



Installation Procedure

1. Insert and twist to install the replacement bulb into the front turn signal lamp.
2. Connect the electrical connector.

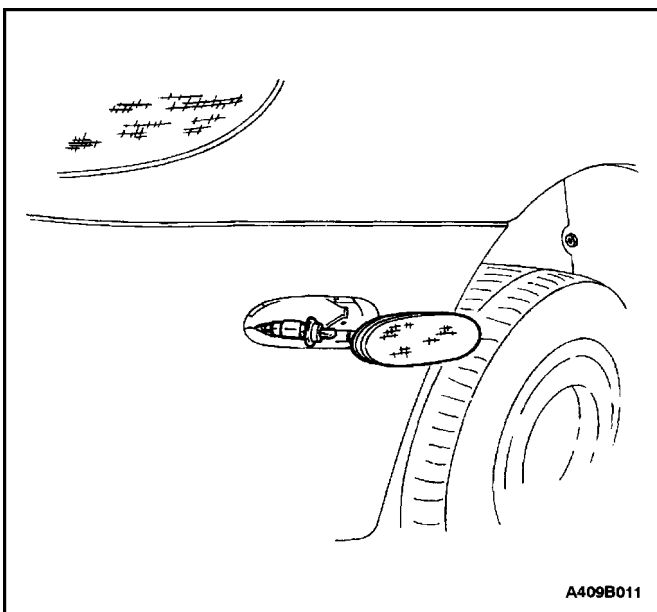
Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

3. Install the front turn signal lamp with the screw.

Tighten

Tighten the front turn signal lamp screw to 2 N•m (18 lb-in).

4. Connect the negative battery cable.



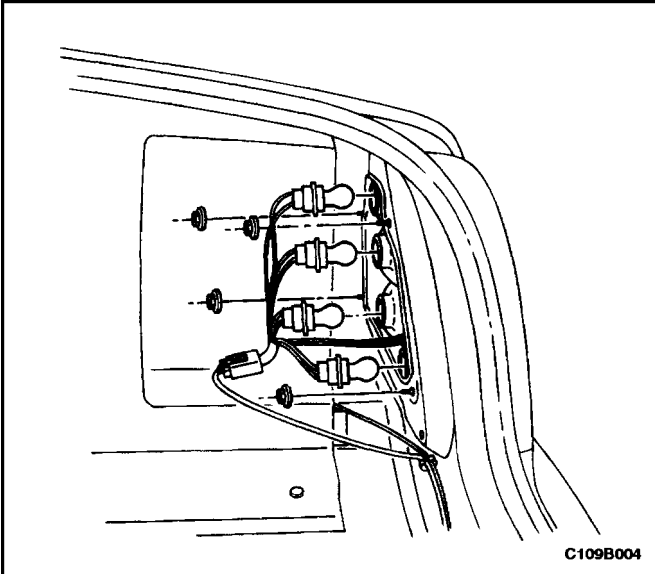
SIDEMARKER LAMPS

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the sidemarker lamp from the bumper fascia.
3. Remove the bulb from the sidemarker lamp.

Installation Procedure

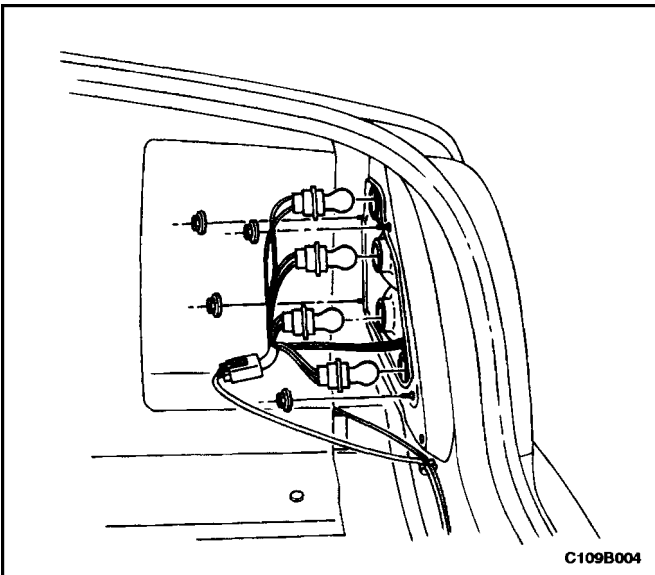
1. Install the bulb into the sidemarker lamp.
2. Install the sidemarker lamp into the bumper fascia.
3. Connect the negative battery cable.



REAR COMBINATION LAMPS

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the rear luggage compartment trim panel.
3. Disconnect the electrical connectors.
4. Remove the nuts and the lamp assembly.
5. Remove any inoperative bulb.



Installation Procedure

1. Install the replacement bulbs.

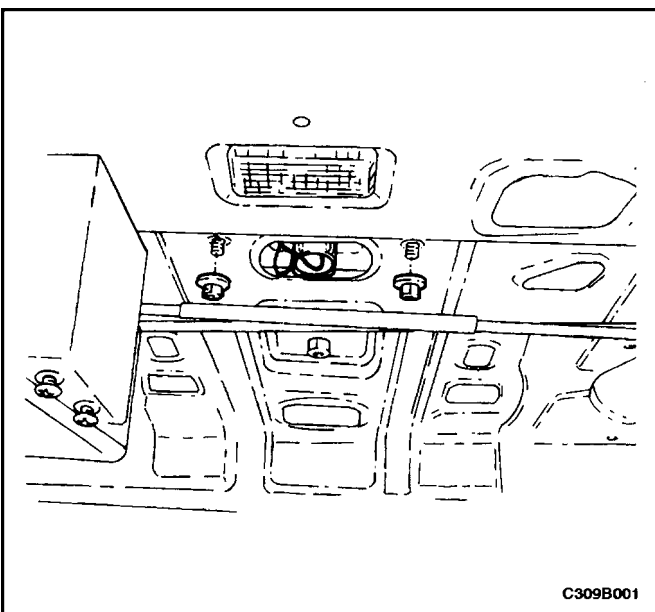
Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

2. Install the lamp assembly with the nuts.

Tighten

Tighten the rear combination lamp assembly nuts to 2 N•m (18 lb-in).

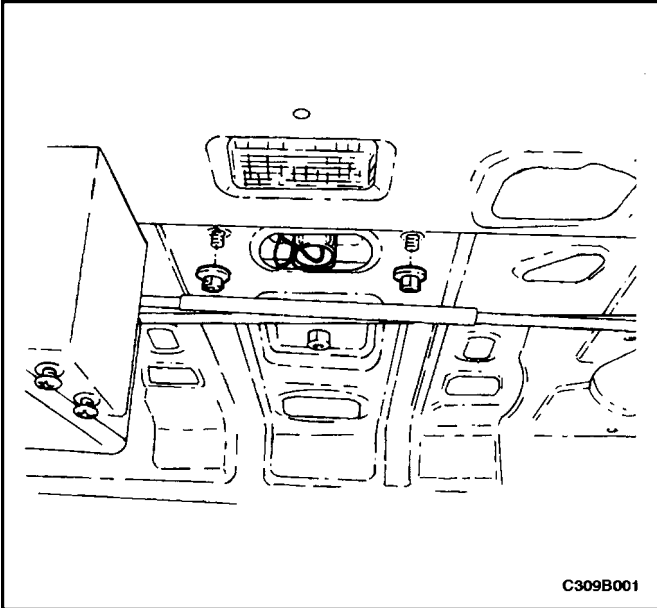
3. Connect the electrical connectors.
4. Install the rear luggage compartment trim panel.
5. Connect the negative battery cable.



CENTER HIGH-MOUNTED STOPLAMP

Removal Procedure

1. Disconnect the negative battery cable.
2. Open the rear deck lid.
3. Remove the nuts and the center high-mounted stoplamp (CHMSL).
4. Disconnect the electrical connector.
5. Remove the CHMSL bulb.



Installation Procedure

1. Install the replacement CHMSL bulb.
2. Connect the electrical connector.

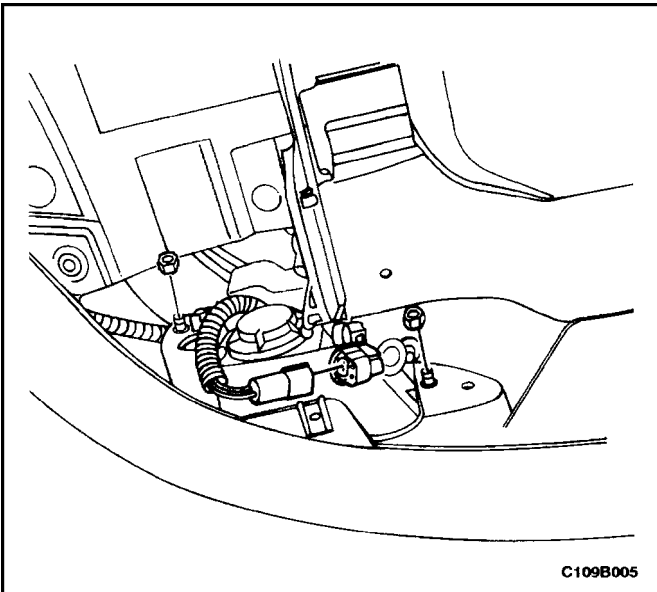
Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

3. Install the CHMSL with the nuts.

Tighten

Tighten the center high-mounted stoplamp nuts to 4 N•m (35 lb-in).

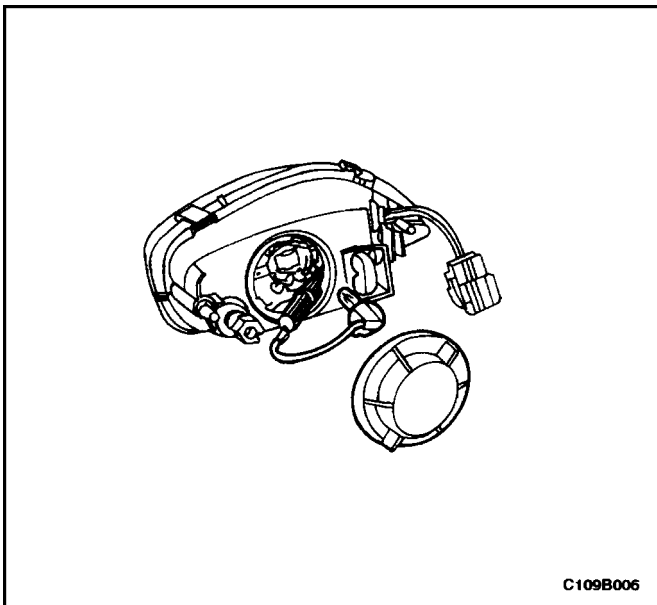
4. Connect the negative battery cable.



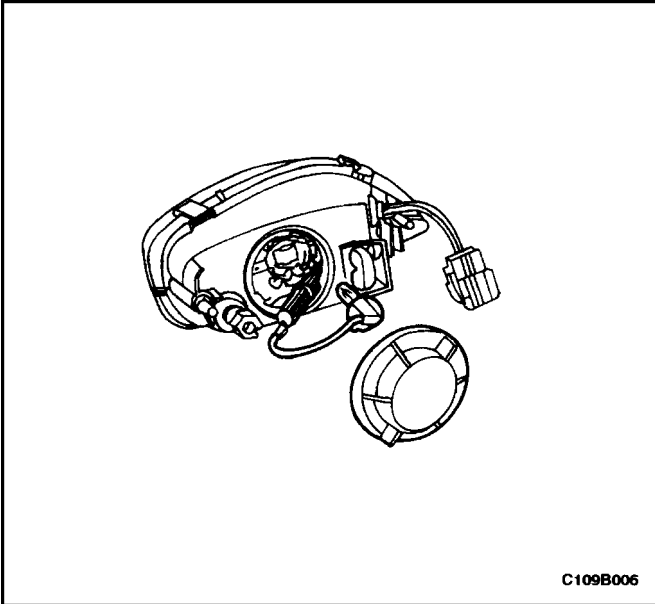
FOG LAMPS

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the nuts that secure the fog lamp assembly.
3. Remove the fog lamp assembly.
4. Disconnect the fog lamp assembly electrical connector.

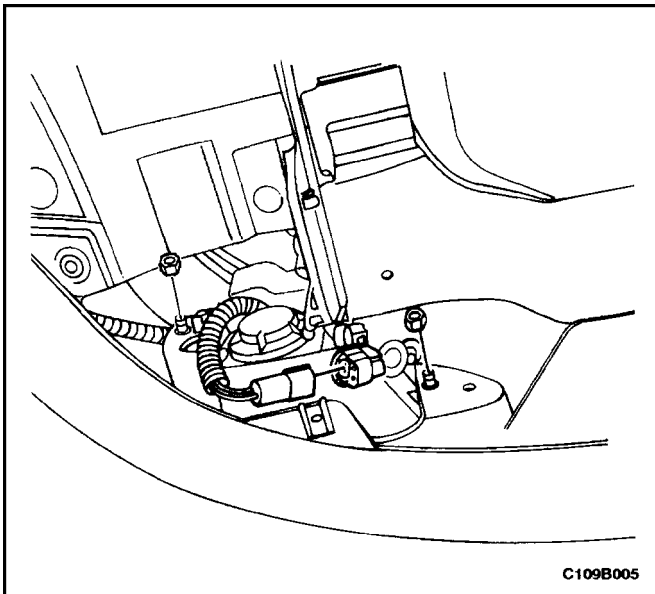


5. Remove the fog lamp access cover.
6. Remove the retaining wire.
7. Remove the bulb from the fog lamp assembly.
8. Disconnect the bulb electrical connector.



Installation Procedure

1. Connect the bulb electrical connector.
2. Install the replacement bulb into the fog lamp assembly.
3. Install the retaining wire.
4. Install the fog lamp access cover.



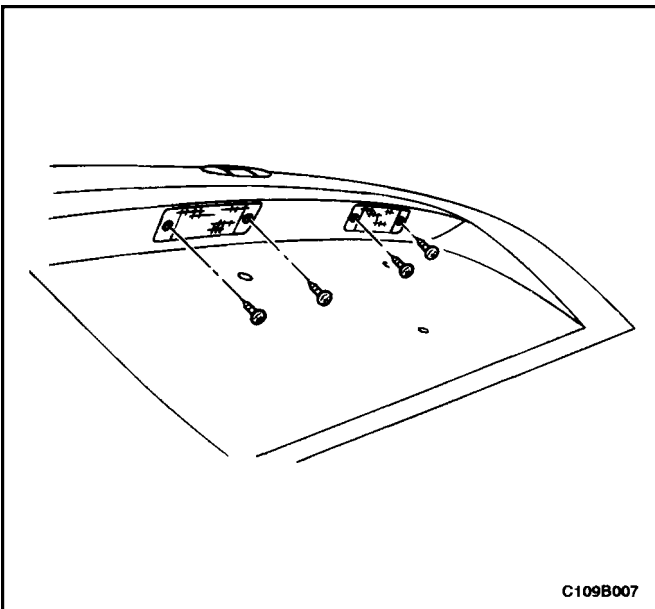
Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

5. Install the fog lamp assembly with the nuts.
6. Connect the fog lamp assembly electrical connector.

Tighten

Tighten the fog lamp assembly nuts to 2 N•m (18 lbin).

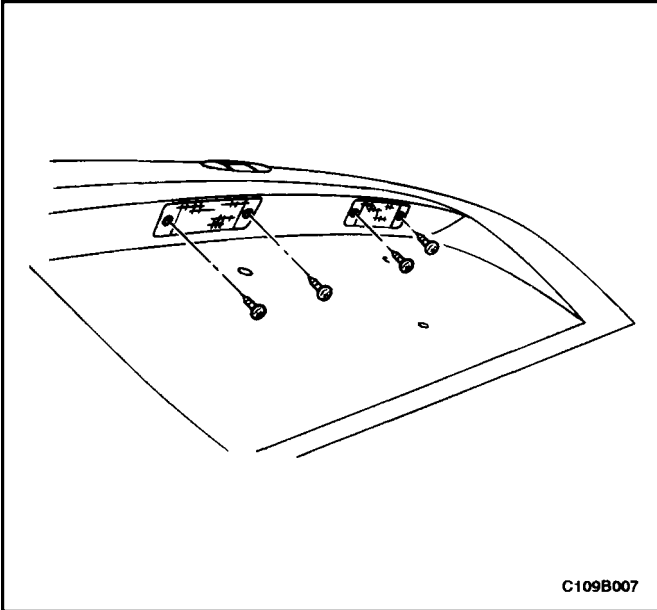
7. Connect the negative battery cable.



LICENSE PLATE LAMPS

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the screws and the license plate lamp assembly.
3. Remove the bulb.



Installation Procedure

1. Install the replacement bulb.

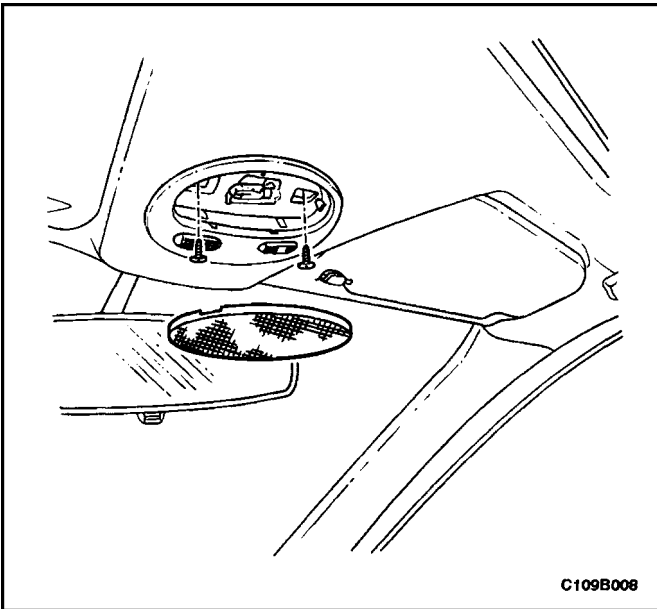
Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

2. Install the license plate lamp assembly with the screws.

Tighten

Tighten the license plate lamp assembly screws to 2 N•m (18 lb-in).

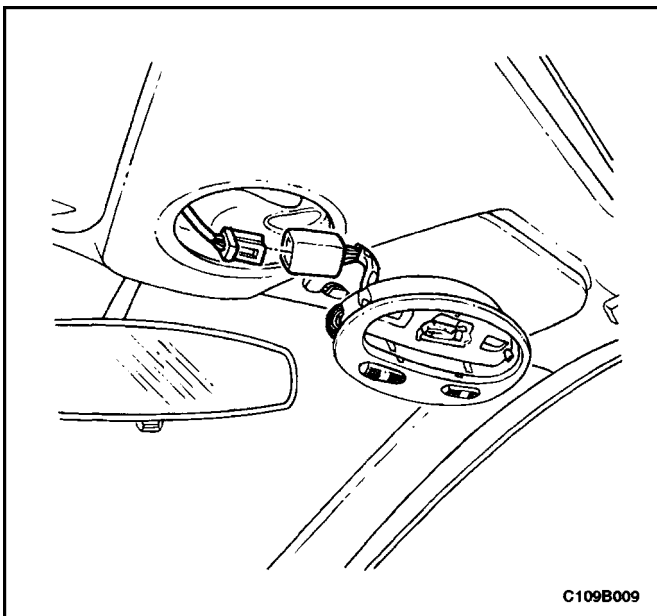
3. Connect the negative battery cable.



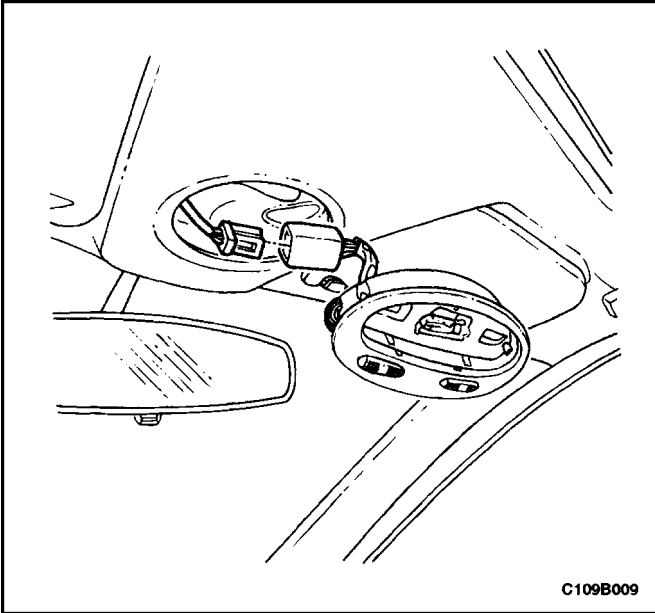
INTERIOR COURTESY LAMP

Removal Procedure

1. Disconnect the negative battery cable.
2. Pry off the courtesy lamp lens by inserting a screwdriver into the recess along the edge of the lens.
3. Remove the screws and the courtesy lamp housing from the headliner.

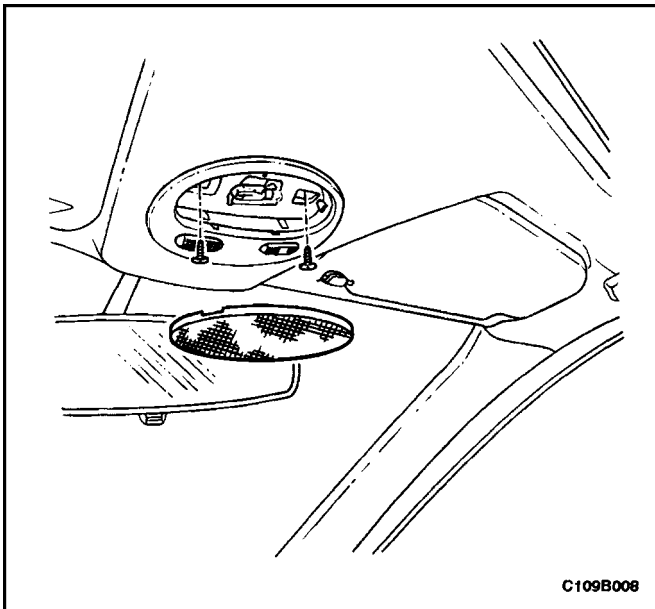


4. Disconnect the electrical connector.
5. Remove the bulb.



Installation Procedure

1. Install the replacement bulb.
2. Connect the electrical connector.



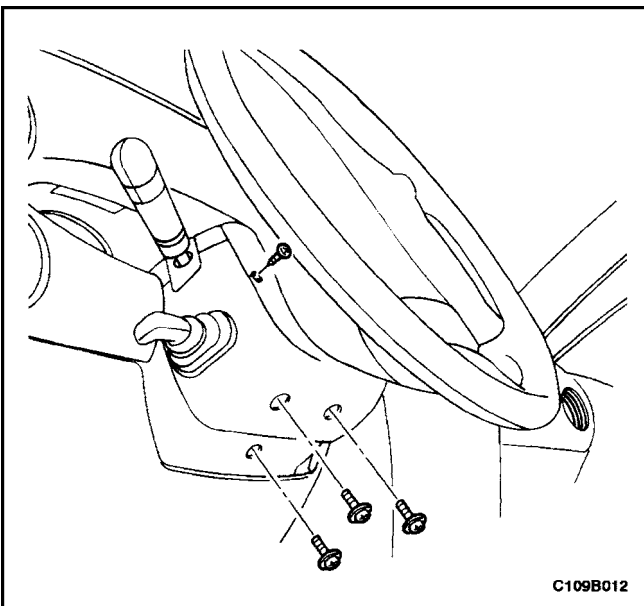
Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

3. Install the interior courtesy lamp housing to the headliner with the screws.

Tighten

Tighten the interior courtesy lamp housing screw to 2 N•m (18 lb-in).

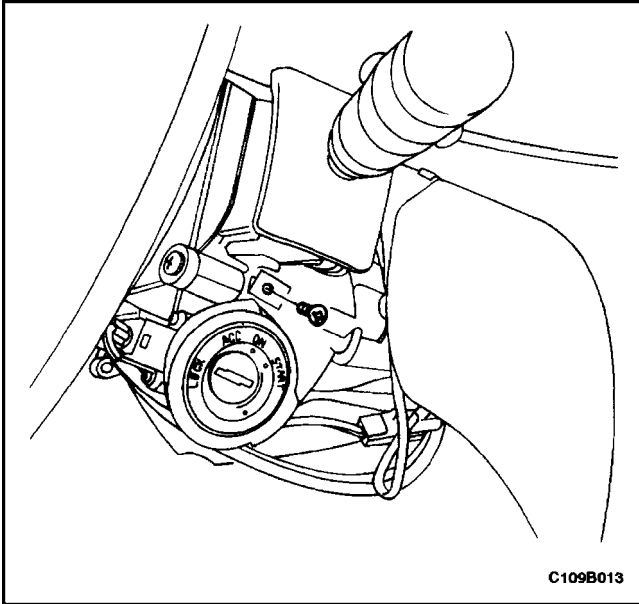
4. Press the interior courtesy lamp lens onto the housing.
5. Connect the negative battery cable.



IGNITION SWITCH KEYHOLE LAMP

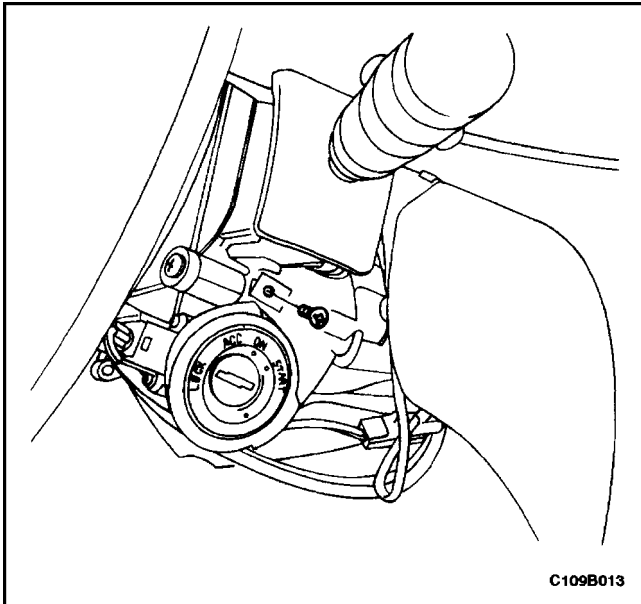
Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the knee bolster trim panel. Refer to *Section 9G, Interior Trim*.
3. Remove the screws and the steering column trim covers.



C109B013

4. Remove the screw and the ignition switch keyhole lamp.
5. Remove the bulb.



C109B013

Installation Procedure

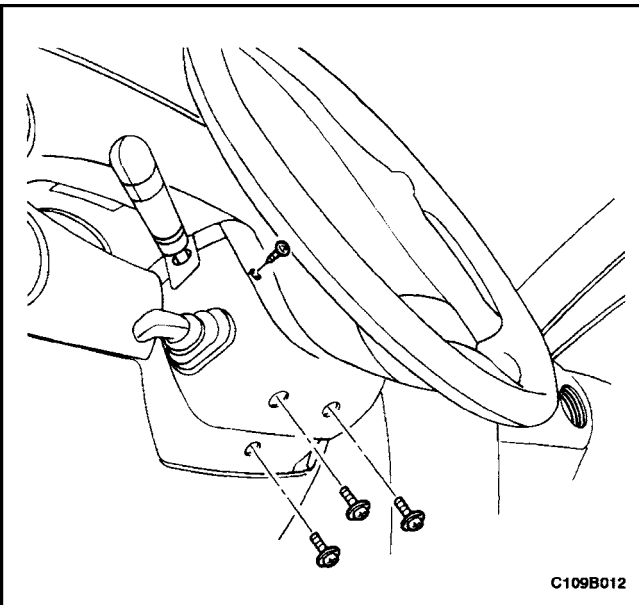
1. Install the replacement bulb into the ignition switch keyhole lamp.

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 ignition switch keyhole lamp with the screw.

Tighten

Tighten the ignition switch keyhole lamp screw to 1.5 N•m (13 lb-in).



C109B012

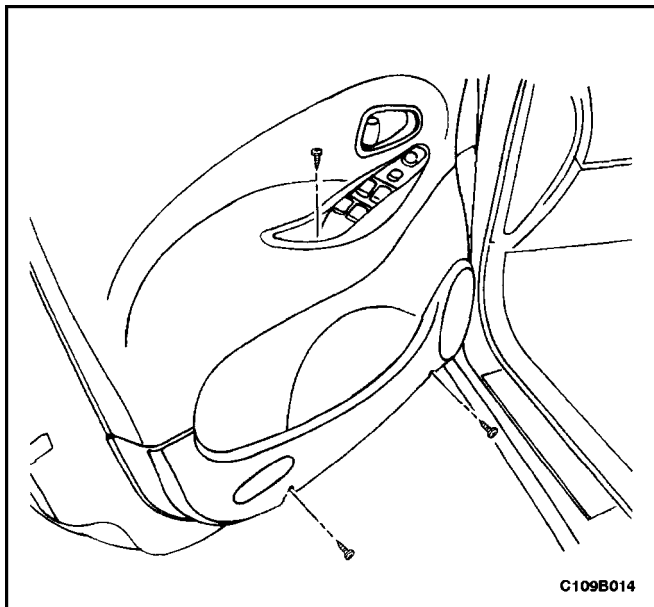
Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

3. Install the steering column trim covers with the screws.

Tighten

Tighten the steering column trim cover screws to 2.5 N•m (22 lb-in).

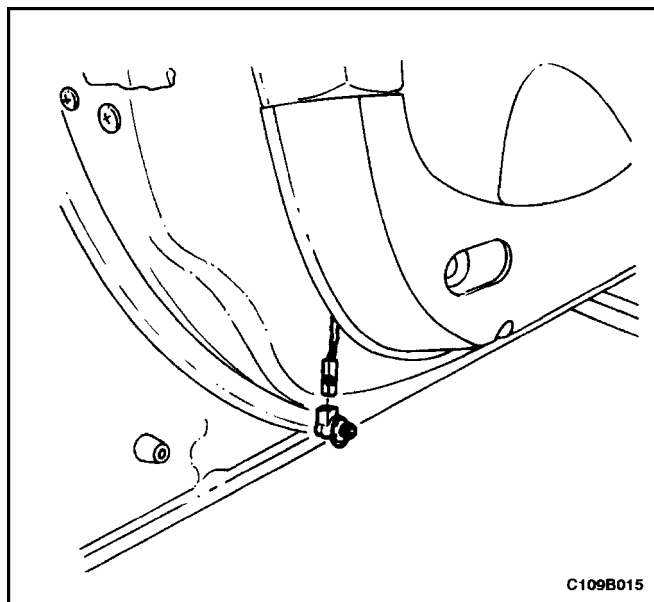
4. Install the knee bolster trim panel. Refer to *Section 9G, Interior Trim*.
5. Connect the negative battery cable.



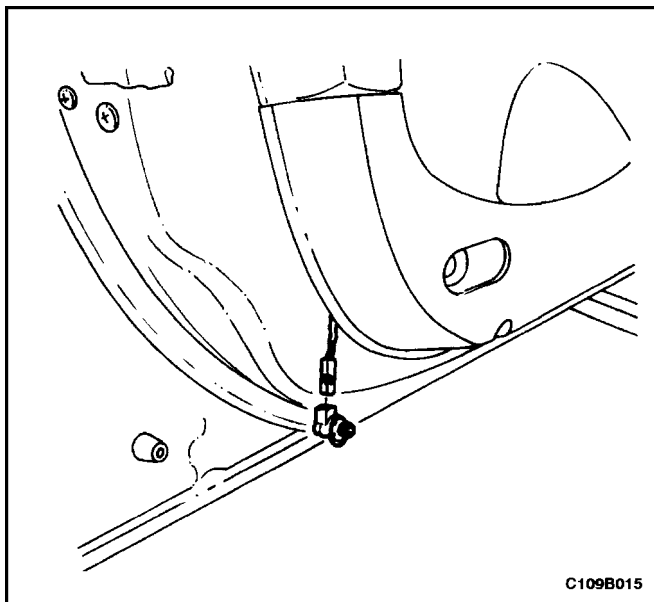
FRONT DOOR STEP LAMP

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the front door step lamp lens cover.
3. Remove the front door trim panel screws.

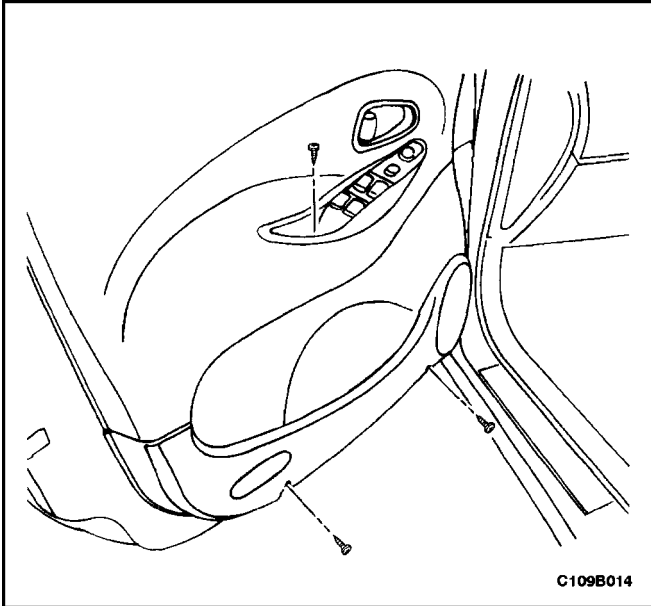


4. Reposition the lower half of the front door trim panel.
5. Remove the front door step lamp.
6. Disconnect the electrical connector.



Installation Procedure

1. Connect the electrical connector.
2. Install the replacement front door step lamp bulb.
3. Install the lower half of the door trim panel to its original position.



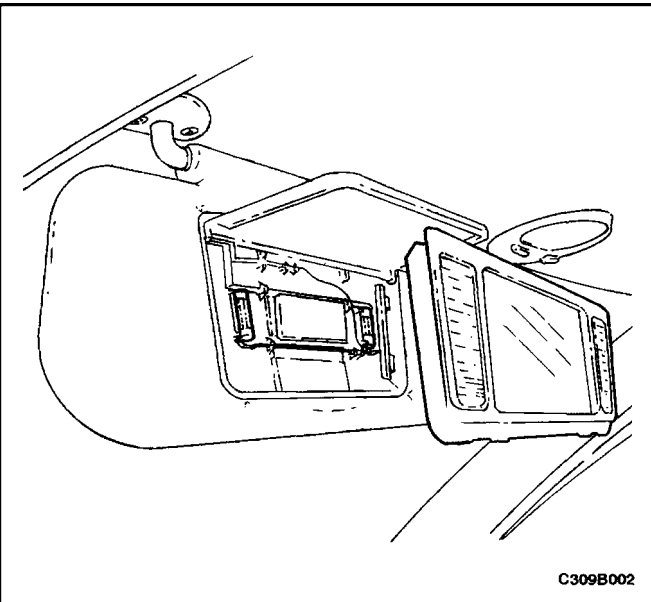
Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

4. Install the front door trim panel screws.

Tighten

Tighten the front door trim panel screws to 3.5 N•m (31 lb-in).

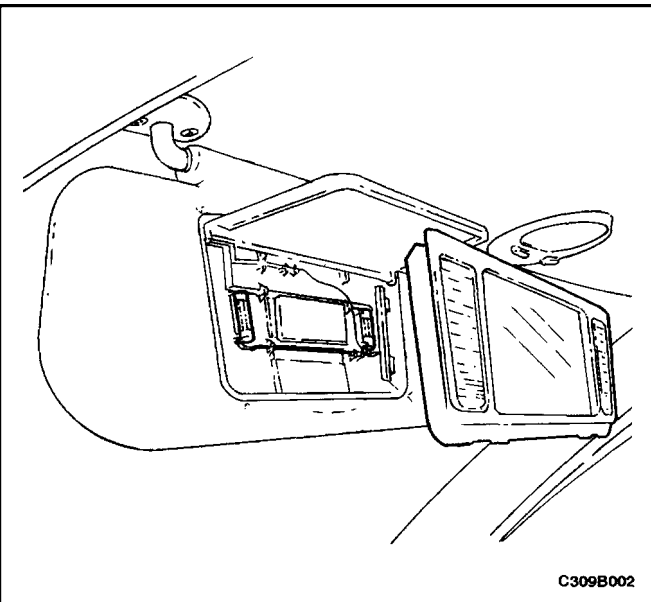
5. Install the front door step lamp lens cover.
6. Connect the negative battery cable.



VANITY MIRROR LAMP

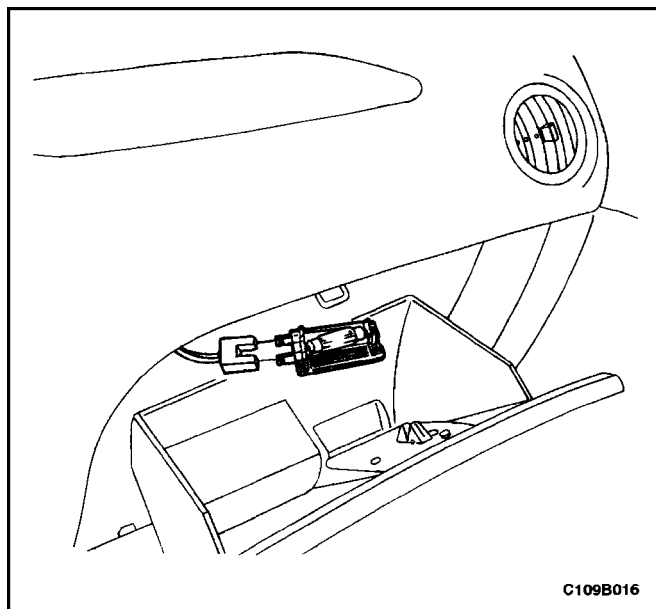
Removal Procedure

1. Disconnect the negative battery cable.
2. Pry off the vanity mirror lamp lens by inserting a screwdriver into the recess along the bottom edge of the lens.
3. Remove the inoperative bulb.



Installation Procedure

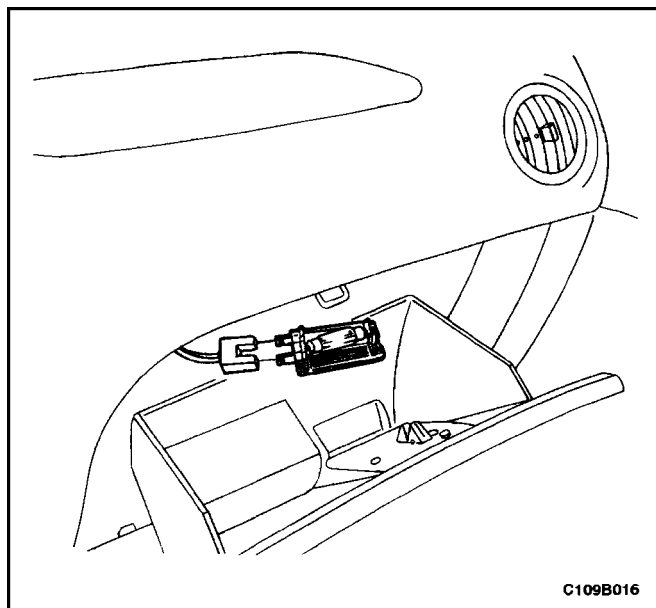
1. Install the replacement bulb.
2. Press the vanity mirror lamp lens onto the housing.
3. Connect the negative battery cable.



GLOVE BOX LAMP

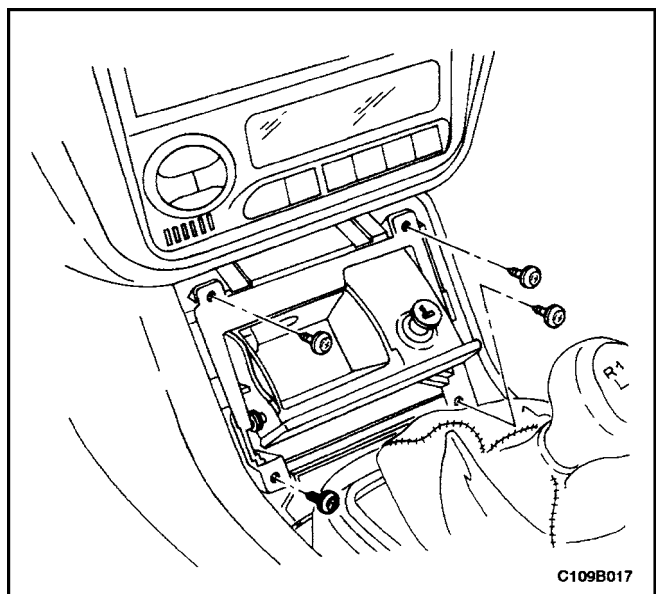
Removal Procedure

1. Disconnect the negative battery cable.
2. Open the glove box.
3. Remove the glove box lamp.
4. Disconnect the electrical connector.



Installation Procedure

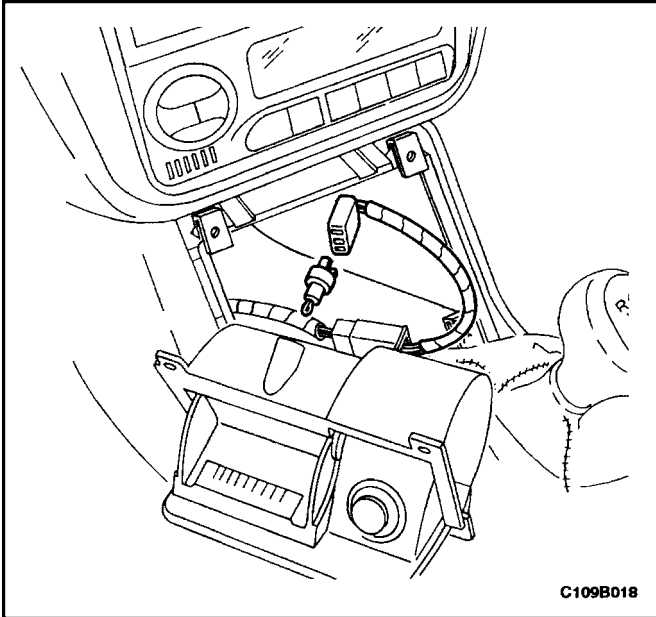
1. Connect the electrical connector.
2. Install the glove box lamp.
3. Close the glove box.
4. Connect the negative battery cable.



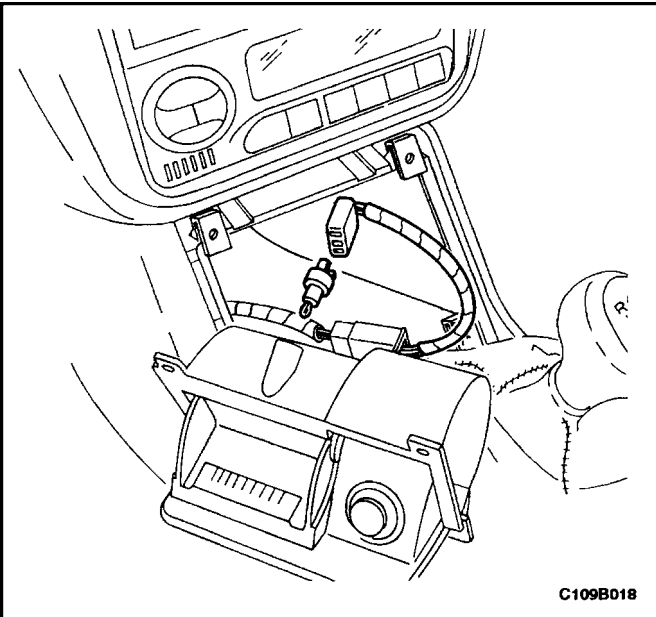
ASHTRAY LAMP

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the shift lever trim plate.
3. Remove the screws and the ashtray housing.

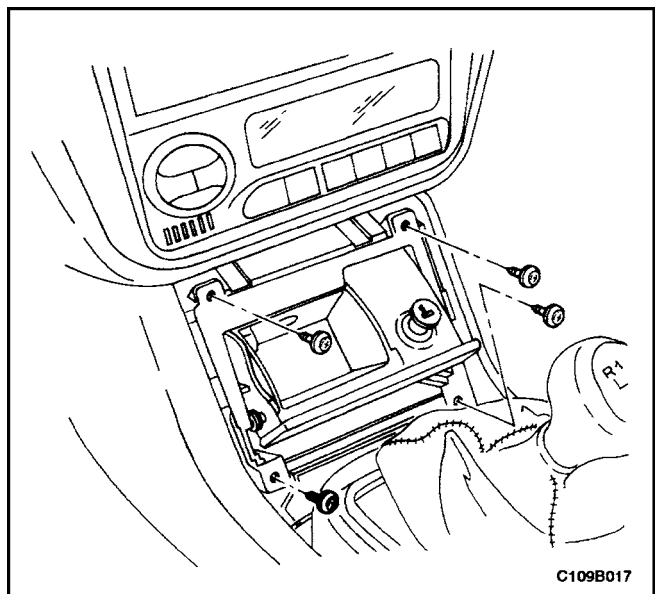


4. Remove the bulb from the ashtray lamp housing.
5. Disconnect the bulb from the ashtray lamp housing electrical connector.



Installation Procedure

1. Connect the replacement bulb to the ashtray lamp housing electrical connector.
2. Install the replacement bulb into the ashtray lamp housing.



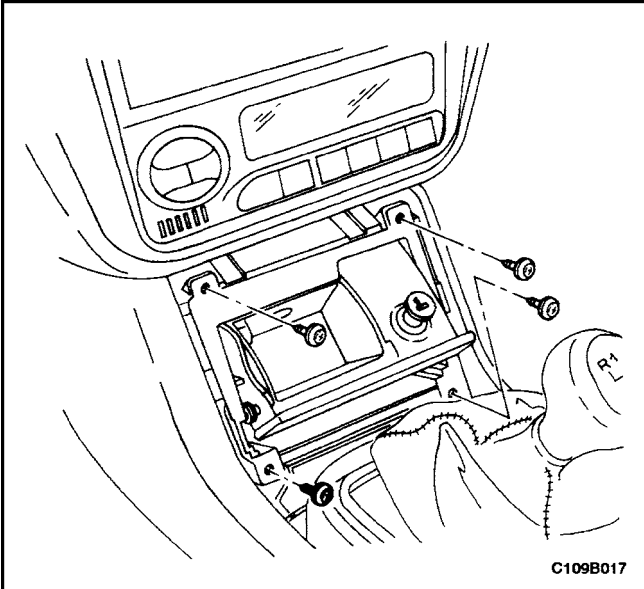
Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

3. Install the ashtray housing with the screws.

Tighten

Tighten the ashtray housing screws to 2.5 N•m (22 lb-in).

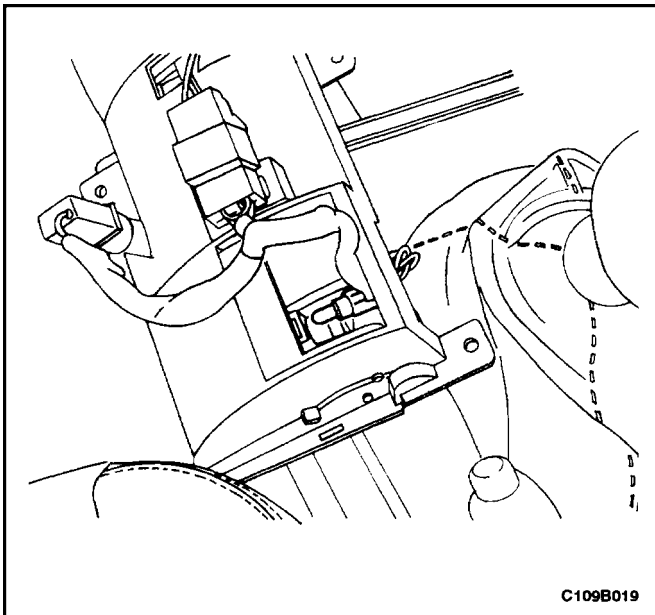
4. Install the shift lever trim plate.
5. Connect the negative battery cable.



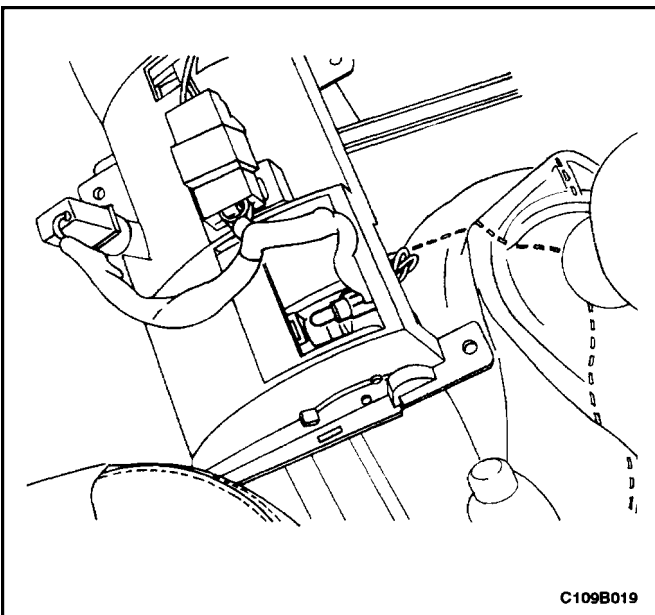
CIGAR LIGHTER LAMP

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the shift lever trim plate.
3. Remove the screws and the ashtray housing.

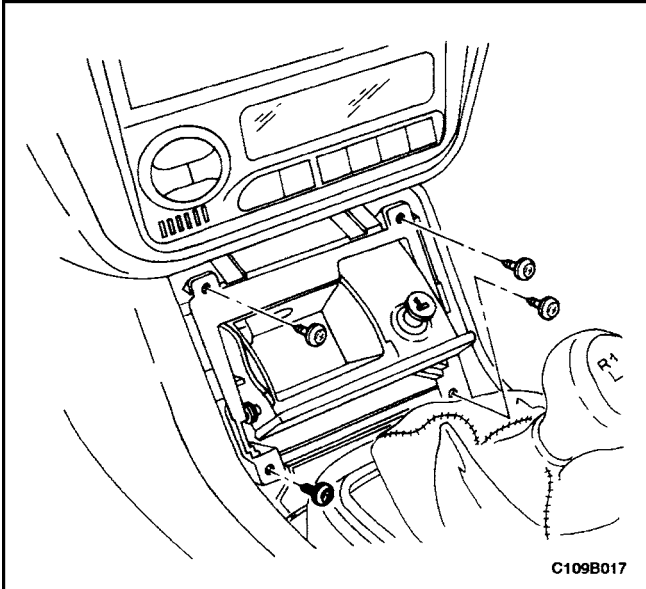


4. Remove the bulb from the cigar lighter lamp housing.
5. Disconnect the bulb from the cigar lighter lamp housing electrical connector.



Installation Procedure

1. Connect the replacement bulb to the cigar lighter lamp housing electrical connector.
2. Install the replacement bulb into the cigar lighter lamp housing.



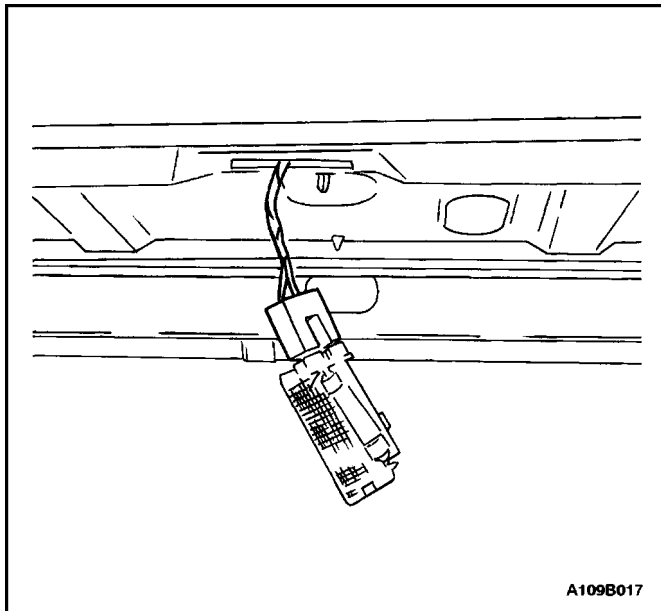
Notice : Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

3. Install the ashtray housing with the screws.

Tighten

Tighten the ashtray housing screws to 2.5 N•m (22 lb-in).

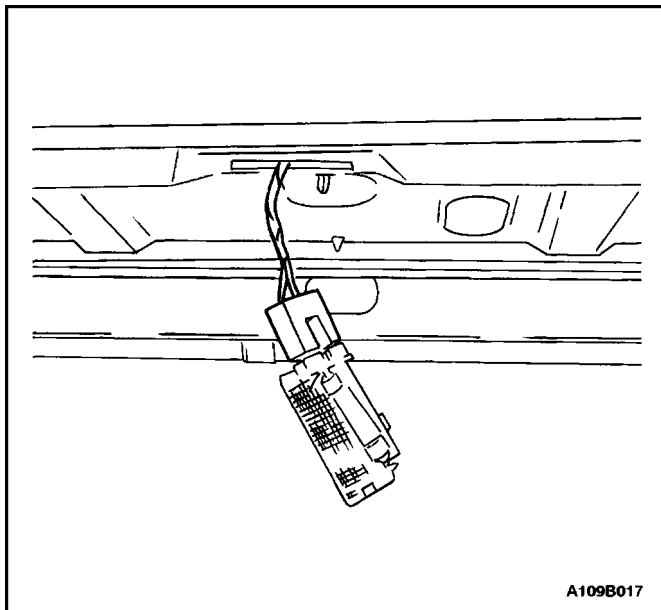
4. Install the shift lever trim plate.
5. Connect the negative battery cable.



LUGGAGE COMPARTMENT LAMP

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the luggage compartment lamp.
3. Disconnect the electrical connector.
4. Remove the bulb.



Installation Procedure

1. Install the replacement bulb.
2. Connect the electrical connector.
3. Install the luggage compartment lamp.
4. Connect the negative battery cable.

GENERAL DESCRIPTION AND SYSTEM OPERATION

HEADLAMPS—ON REMINDER

When the headlamp switch is in the headlamps—on or parking lamps—on positions, voltage is applied to the chime module. With the headlamp switch on and the driver's side door open, the module loses voltage. The module senses this change. If voltage is still available, it is applied to sound the chime. The chime can be turned off by turning the headlamp switch off or closing the driver's side door. To replace the chime module, refer to *Section 9E, Instrumentation/Driver Information*.

HEADLAMPS

The headlamps are controlled by the multifunction lever on the left side of the steering column. They will come on with the ignition switch in any position. Turning the headlamp switch to the first position turns on the parking lamps, the license plate lamps, and the instrument panel illumination. Turning the switch to the second position turns on all of the previous lamps and the headlamps. Turning the switch OFF turns off all the lamps.

The headlamps high beam and low beams are also controlled by this lever. When the headlamps are on, pushing the lever away from the driver until the switch clicks changes the lamp from low beam to high beam. An indicator lamp on the instrument cluster assembly will come on when the high-beam headlamps are on. To return the headlamps to low beams, pull the lever toward the driver.

The headlamps must be aimed for proper illumination of the road. Headlamp aim should be checked whenever a new headlamp assembly is installed or when service or repairs to the front end may have disturbed the headlamp assembly or its mountings.

DAYTIME RUNNING LAMPS

The daytime running lamps (DRL) will illuminate under the following conditions:

- The ignition is ON.
- The light switch is off.
- The parking brake is released.

When the exterior lights are illuminated, the DRL will turn off.

To turn the DRL off when idling, apply the parking brake.

PARKING AND TURN SIGNAL LAMPS

The parking lamps can be turned on by turning the headlamp switch to the first position. The parking lamps can be turned off by turning the switch off.

When the turn signals are activated, the appropriate turn signal lamps flash to signal a turn. The front, the rear, and the side turn signals work only when the ignition is on.

The front and the rear turn signals are controlled by the multifunction lever on the left side of the steering column. Moving the lever all the way up or down past the detent will turn on the turn signals. When the turn is complete, the lever will automatically release, and the front and the rear turn signals will stop flashing.

For changing lanes or shallow turns in which the steering wheel does not turn far enough to cancel the signal, move the signal to the first detent and hold it there. The turn signal will cancel when the lever is released.

SIDEMARKER LAMPS

The sidemarker lamps are located in the front and the rear bumper fascias. The sidemarker lamps work in conjunction with the exterior lighting system. When the parking lamps or the headlamps are on, the sidemarker lamps will illuminate to mark the front and the rear end of the vehicle.

FOG LAMPS

The fog lamp switch is on the instrument panel above the audio system. To use the fog lamps, first turn on the headlamps. Then, push the fog lamp switch. The indicator light in the instrument cluster will illuminate to indicate that the fog lamps are on. Push the switch again to turn off the fog lamps. The indicator light will then go off.

The fog lamps must be aimed for proper illumination of the road. Fog lamp aim should be checked when a new bulb is installed or if service or repairs to the front end may have disturbed the fog lamp assembly or its mountings.

REAR COMBINATION LAMPS

The taillamps, stoplamps, backup lamps, and turn signals are one assembly.

Turning on either the headlamps or the parking lamps will also turn on the taillamps. When the brake pedal is pushed, the taillamps will glow more brightly to serve as stoplamps.

CENTER HIGH-MOUNTED STOPLAMP

The center high-mounted stoplamp is in the rear window and will come on when the brake pedal is pressed.

BACKUP LAMPS

The backup lamps will come on when the transaxle is shifted into reverse. On a vehicle with an automatic transaxle, the backup lamps are activated by the park/ neutral position switch. On a vehicle with a manual transaxle, they are activated by a reverse switch which is part of the transaxle.

LICENSE PLATE LAMPS

The license plate lamps will come on when the headlamps or the parking lamps are on. The license plate lamps are mounted on the rear deck lid, above the license plate.

INTERIOR COURTESY LAMP

The courtesy lamp is located on the headliner and has three positions. If the switch is in the center position, the lamp will go on whenever a door is opened and go off when it is closed. In the ON position, the lamp will stay on until it is turned off. In the OFF position, the lamp will not come on, even when a door is opened.

ILLUMINATED VANITY MIRRORS

An illuminated vanity mirrors is on the back of each sun visor. The sun visors contain an internal switch. When the mirror cover is opened, the switch is closed and the vanity mirror bulbs illuminate. When the cover is closed, the switch is opened and the vanity mirror bulbs turn off.

ASHTRAY LAMP AND CIGAR LIGHTER

An ashtray lamp is mounted above the ashtray. An illumination ring lamp is mounted around the cigar lighter. Both lamps come on when the parking lamps or the headlamps are on.

LUGGAGE COMPARTMENT LAMP

The luggage compartment lamp is under the deck lid sill plate. It comes on whenever the luggage compartment is opened.