

# SECTION : 9P

## DOORS

**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
Door Hinge Bolts	25	18	–
Door Hold Open Link-to-Body Bolt	27	20	–
Door Hold Open Link-to-Door Bolts	6	–	53
Door Lock Striker Screws	10	–	89
Door Pull Bracket Screws	3.5	–	31

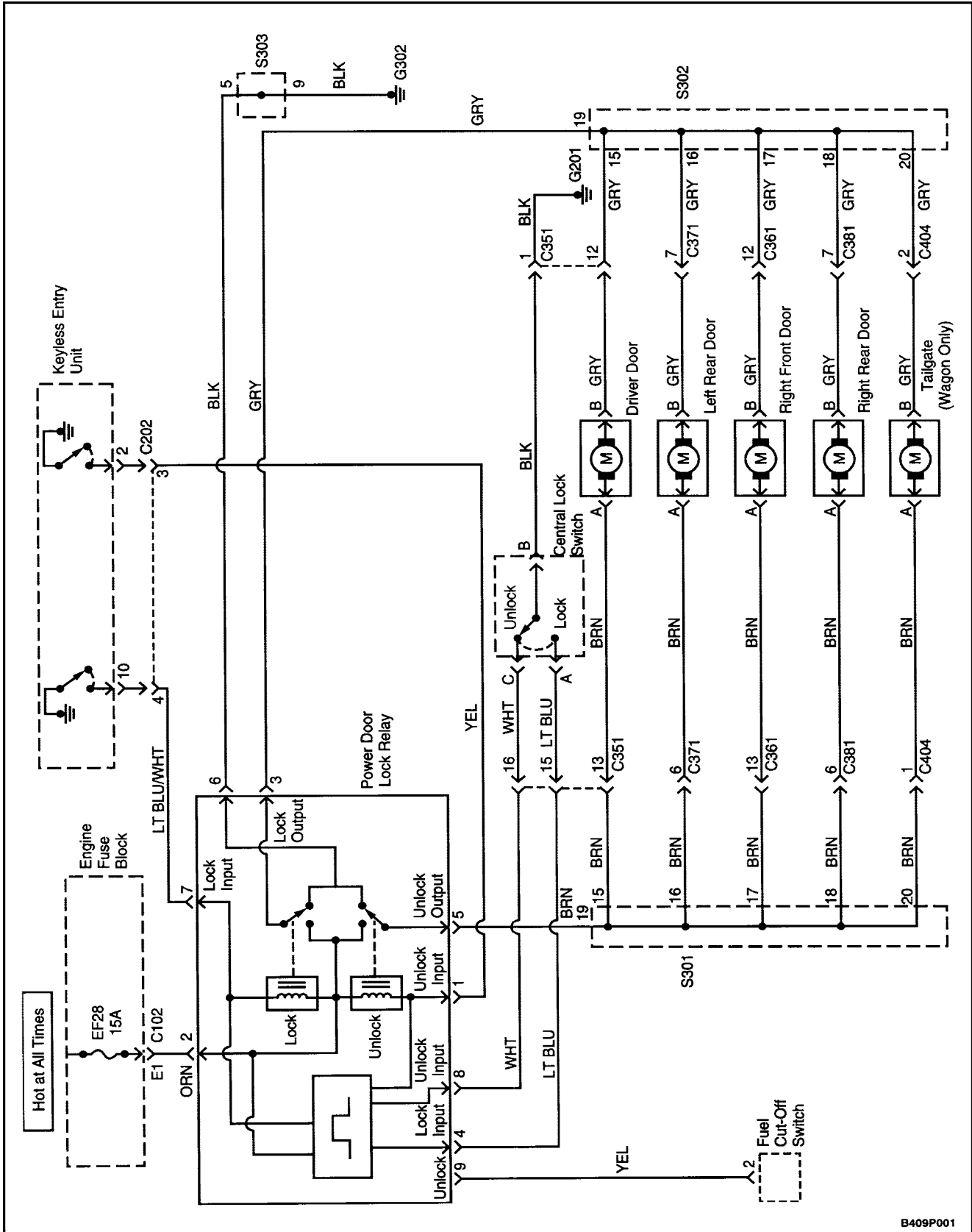
## 9P – 2 DOORS

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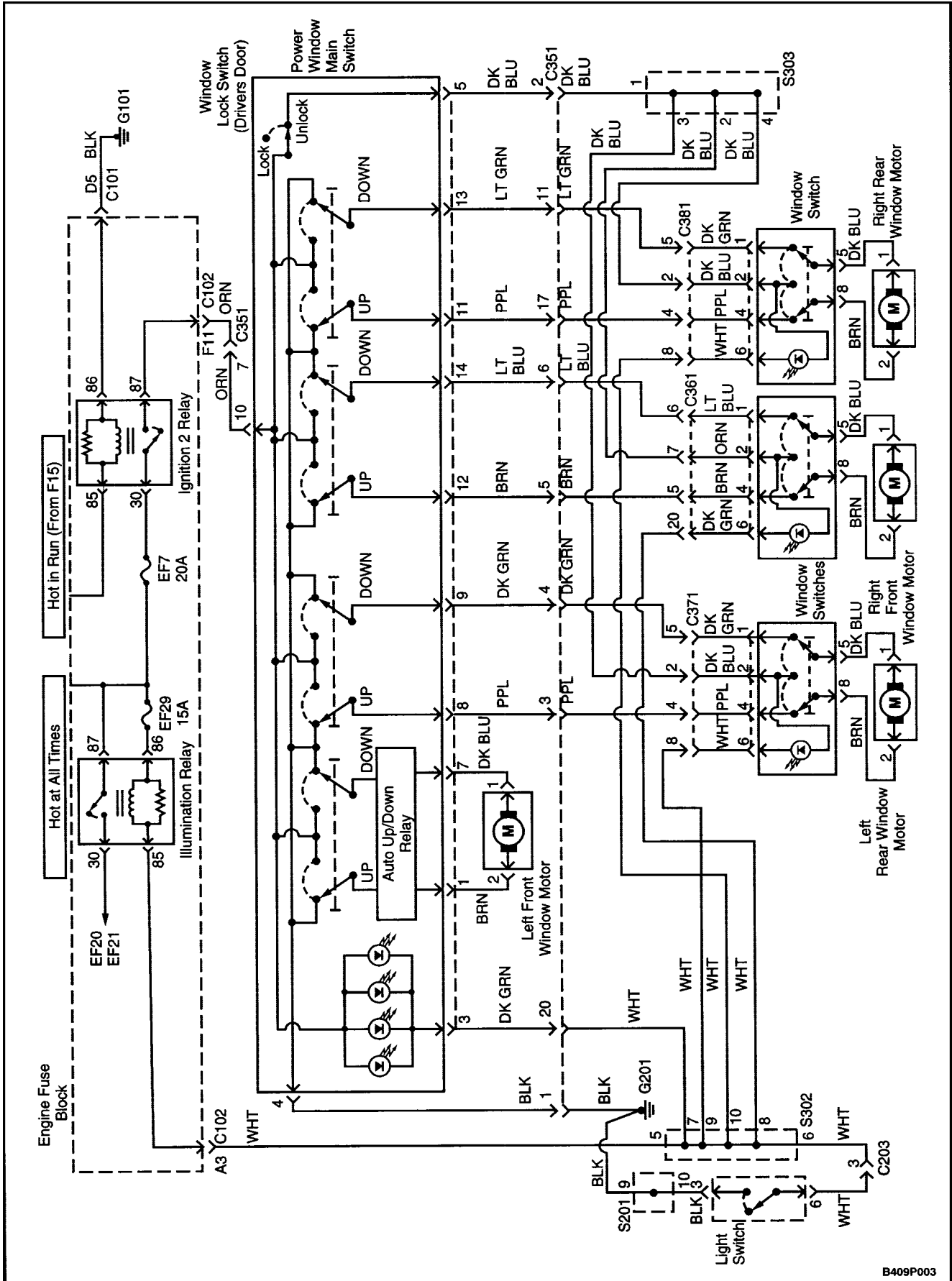
<b>Application</b>	<b>N•m</b>	<b>Lb-Ft</b>	<b>Lb-In</b>
Front and Rear Door Lock Screws	10	–	89
Inside Door Handle Screw	1.5	–	13
Outside Door Handle Bolts	4	–	35
Rear Door Exterior Garnish Molding Screws	1.5	–	13
Window Regulator Nuts	8	–	71

# SCHEMATIC AND ROUTING DIAGRAMS

## POWER DOOR LOCKS



# POWER WINDOWS ((FRONT AND REAR))



# DIAGNOSIS

## POWER DOOR LOCKS

### Power Door Locks Do Not Operate At Any Door

Step	Action	Value(s)	Yes	No
1	Check fuse EF28. Is fuse Ef28 blown ?		Go toStep 2	Go toStep 3
2	1. Check for a short circuit and repair it, if necessary. 2. Replace fuse EF13. Is the repair complete ?		System OK	
3	Check the voltage at fuse EF28. Is the voltage equal to the specified value ?	11—14 v	Go toStep 5	Go toStep 4
4	Repair the power supply circuit for fuse EF28. Is the repair complete ?		System OK	
5	Check the voltage at the YEL wire of the power door lock relay connector. Is the voltage equal to the specified value ?		Go toStep 7	Go toStep 6
6	Repair the short to voltage between the power door lock relay connector and the fuel cutoff switch. Is the repair complete ?		System OK	
7	Check the voltage at terminal 2 (ORN) of the power door lock relay connector. Is the voltage equal to the specified value ?	11—14 v	Go toStep 9	Go toStep 8
8	Repair the open circuit between fuse EF28 and terminal 2 (ORN) of the door lock relay connector. Is the repair complete ?		System OK	
9	Use an ohmmeter to check the continuity between terminal 6 (BLK) of the power door lock relay connector and ground. Is the continuity equal to the specified value ?	$\approx 0 \Omega$	Go toStep 11	Go toStep 10
10	Repair the open circuit between terminal 6 (BLK) of the power door lock relay connector and ground. Is the repair complete ?		System OK	
11	1. Disconnect the power door lock relay connector. 2. Connect a fused jumper wire to the positive battery terminal. 3. Connect another jumper wire to ground. 4. Apply the positive jumper wire to terminal 3 (GRY) of the power door lock relay connector. 5. Apply the grounded jumper wire to terminal. 6. Switch the jumper wires so that the positive jumper is connected to terminal 5 (BRN) and the grounded jumper is connected to terminal 3 (GRY).  Do the doors lock and unlock when power and ground are applied to terminals 3 and 5 of the door lock relay connector ?		Go toStep 15	Go toStep 12

Step	Action	Value(s)	Yes	No
12	Repair the open circuit between terminal 3 of the power door lock relay and splice pack S302, or between terminal 5 of the door lock relay and splice pack S301. Is the repair complete ?		System OK	
13	<ol style="list-style-type: none"> <li>1. Raise the power window in the driver's side door.</li> <li>2. Disconnect the central lock switch connector at the top of the door lock. (There are three connectors on the door lock. Use the schematic to verify the correct connector.)</li> <li>3. Use an ohmmeter to check the continuity between terminal B (BLK) of the central lock switch connector and ground.</li> </ol> Is the continuity equal to the specified value ?	$\approx 0 \Omega$	Go toStep 15	Go toStep 14
14	Repair the open circuit between the central lock switch connector terminal B (BLK) and ground. Is the repair complete ?		System OK	
15	<ol style="list-style-type: none"> <li>1. Make sure the lock relay connector is connected.</li> <li>2. Touch a grounded jumper wire to terminal A (LT BLU) of the disconnected central lock switch connector.</li> <li>3. Remove the grounded jumper wire and touch it to terminal C (WHT) of the disconnected central lock switch connector.</li> </ol> Do the doors lock and unlock when terminals C and A are alternately grounded ?		Go toStep 16	Go toStep 17
16	<ol style="list-style-type: none"> <li>1. Make sure all the lock rods are connected to the driver's side door lock.</li> <li>2. If no disconnected lock rods are found, replace the driver's side door lock with the integral door lock switch. ( Do not confuse the door lock with the lock cylinder. The door lock has three connectors:the lock switch, the lock solenoid, and the door contact switch. Use the schematic to verify the correct connector.)</li> </ol> Is the repair complete ?		System OK	
17	Use an ohmmeter to check the continuity between terminal A (LT BLU) of the disconnected central lock switch connector and terminal 4 (LT BLU) of the power door lock relay connector. Is the continuity equal to the specified value ?	$\approx 0 \Omega$	Go toStep 19	Go toStep 18
18	Repair the open LT BLU wire. Is the repair complete ?		System OK	
19	Use an ohmmeter to check the continuity between terminal C (WHT) of the disconnected central lock switch connector and terminal 8 (WHT) of the door lock relay connector. Is the continuity equal to the specified value ?	$\approx 0 \Omega$	Go toStep 21	Go toStep 20

Step	Action	Value(s)	Yes	No
20	Repair the open WHT wire. Is the repair complete ?		System OK	
21	Repair the open lock relay. Is the repair complete ?		System OK	

## POWER WINDOWS (FRONT AND REAR)

### Power Windows Do Not Operate

Step	Action	Value(s)	Yes	No
1	1. Make sure the window lock switch on the driver's side door is not engaged. necessary. 2. Test each of the power windows. Does any power window operate ?		Go to Step 7	Go to Step 2
2	1. At the driver's side door, remove the power window switch retaining screw. 2. Lift up the power window switch to expose the connector. 3. Turn the ignition ON. 4. Check the voltage at terminal 10 (ORN) of the power window switch. Is the voltage equal to the specified value ?	11—14 v	Go to Step 4	Go to Step 3
3	Repair the open power supply circuit to the driver's side door power window switch. Is the repair complete		System OK	
4	Use an ohmmeter to check the continuity between ground and terminal 4 (BLK) of the driver's side door power window switch connector. Is the continuity equal to the specified value ?	$\approx 0 \Omega$	Go to Step 6	Go to Step 5
5	Repair the open circuit between ground and terminal 4 (BLK) of the driver's side door power window switch. Is the repair complete		System OK	
6	Replace the driver's side power window switch. Is the repair complete		System OK	
7	1. At the door with the inoperative power window, remove the door trim panel. 2. connect a fused jumper wire to the positive battery terminal. 3. Connect another jumper wire to the negative battery terminal. 4. Disconnect the two—wire connector between the window motor and the door harness. 5. Connect the negative jumper wire to one of the terminals of the two—wire connector. 6. Touch the positive jumper wire to the other terminal of the two—wire connector. Does the window move up when the motor is powered directly by the battery, and down when the jumper connections are reversed ?		Go to Step 9	Go to Step 8
8	Replace the window motor. Is the repair complete		System OK	

9P – 8 DOORS

Step	Action	Value(s)	Yes	No
9	Check the operation of the windows. Is the driver's side window the one that is inoperative ?		Go to <i>Step 10</i>	Go to <i>Step 11</i>
10	Replace the driver's side door power window switch. Is the repair complete		System OK	
11	1. Make sure the window lock switch on the driver's side door is not engaged. 2. Turn the ignition ON. 3. Backprobe to check the voltage at terminal 5 (DK BLU) of the driver's side door power window switch. Is the voltage equal to the specified value ?	11—14 v	Go to <i>Step 12</i>	Go to <i>Step 10</i>
12	1. Make sure the window lock switch on the driver's side door is not engaged. 2. Turn the ignition ON. 3. Check the voltage at terminal 2 (PNK) of the window switch connector for the inoperative window. Is the voltage equal to the specified value ?	11—14 v	Go to <i>Step 14</i>	Go to <i>Step 13</i>
13	Repair the open wire between the terminal 2 of the window switch and the driver's side door power window switch. Is the repair complete		System OK	
14	1. At the inoperative window switch, use an ohmmeter to check the continuity between ground and terminal 4. 2. At the inoperative window switch, use an ohmmeter to check the continuity between ground and terminal 1. Are the continuities equal to the specified value ?	11—14 v	Go to <i>Step 15</i>	Go to <i>Step 16</i>
15	Replace the power window switch. Is the repair complete		System OK	
16	If one of the window switch wires tested in Step 14 does not show continuity with ground, use an ohmmeter to test the continuity of that wire between the window switch and the driver's side door power window switch. Is the continuity equal to the specified value ?	$\approx 0 \Omega$	Go to <i>Step 17</i>	Go to <i>Step 18</i>
17	Replace the window switch for the inoperative window. Is the repair complete ?		System OK	
18	Repair the open circuit between the window switch and the driver's side power window switch. Is the continuity equal to the specified value ?	$\approx 0 \Omega$	Go to <i>Step 21</i>	Go to <i>Step 20</i>



# MAINTENANCE AND REPAIR

## ON-VEHICLE SERVICE

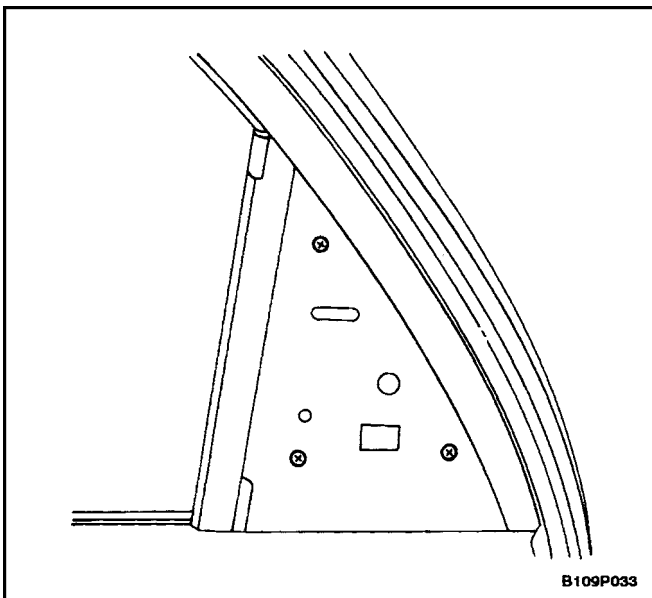
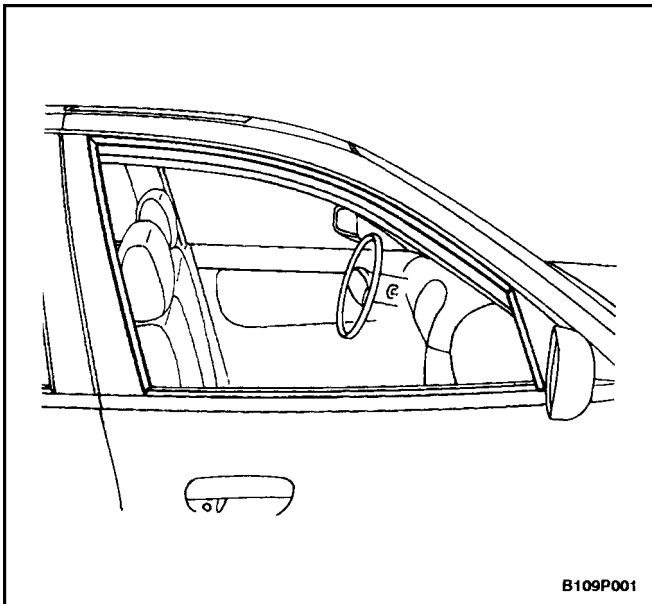
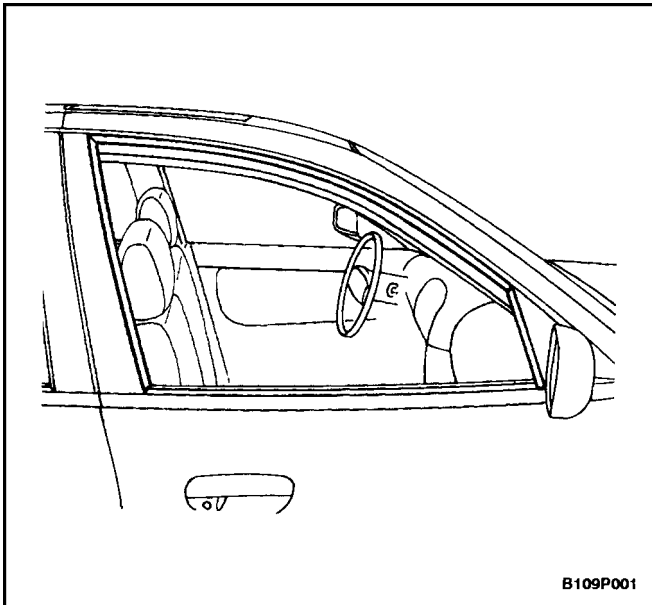
### FRONT DOOR GLASS RUN

#### Removal Procedure

1. Remove the outside rearview mirror. Refer to *Section 9L, Glass and Mirrors*.
2. Remove the front door glass. Refer to *Section 9L, Glass and Mirrors*.
3. Remove the glass run.

#### Installation Procedure

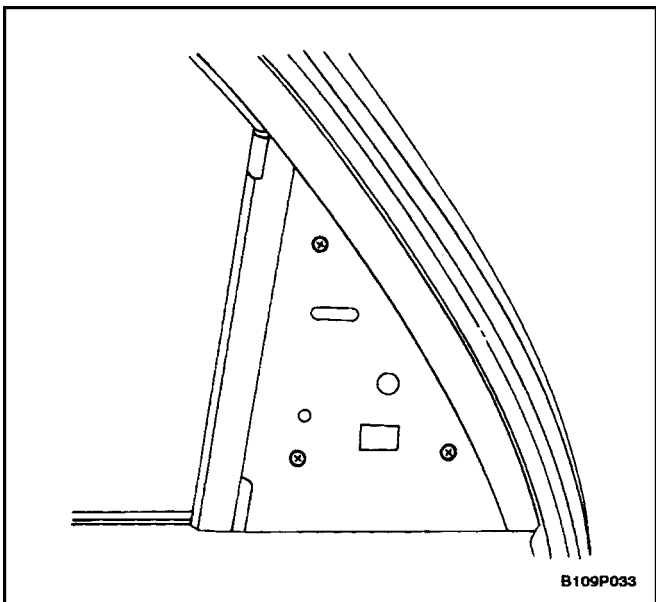
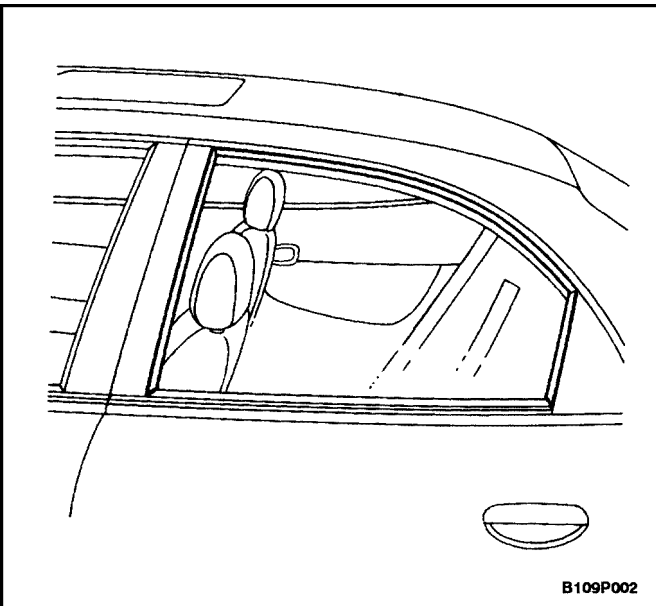
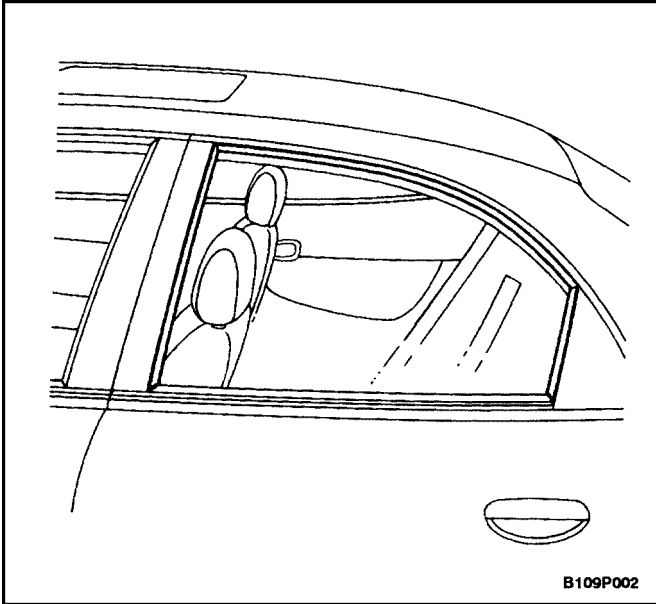
1. Install the glass run.
2. Install the front door glass. Refer to *Section 9L, Glass and Mirrors*.
3. Install the outside rearview mirror. Refer to *Section 9L, Glass and Mirrors*.



### REAR DOOR GLASS RUN

#### Removal Procedure

1. Remove the rear door glass. Refer to *Section 9L, Glass and Mirrors*.
2. Remove the interior garnish molding.
3. Remove the screws and the exterior garnish molding.



4. Remove the glass run.

### Installation Procedure

1. Install the glass run.

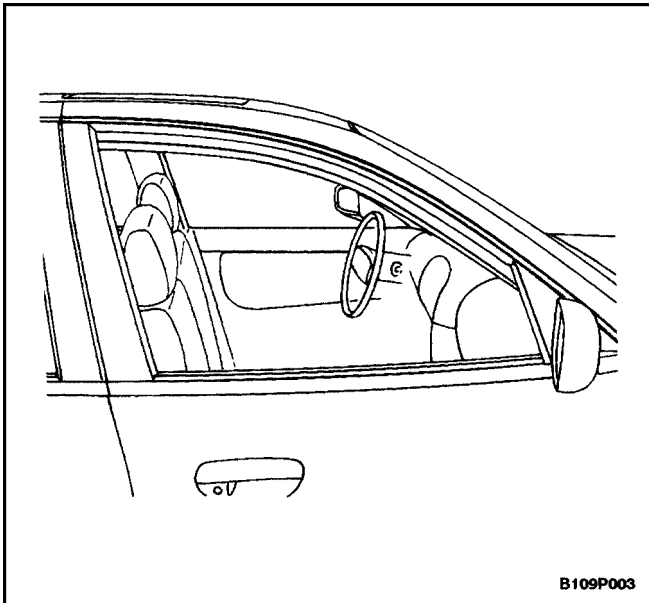
**Notice :** Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

2. Install the exterior garnish molding with the screws.

#### **Tighten**

Tighten the rear door exterior garnish molding screws to 1.5 N•m (13 lb-in).

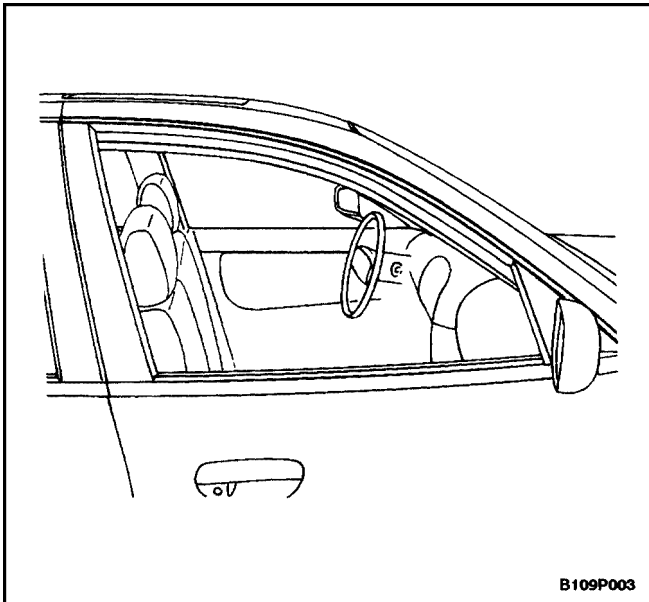
3. Install the interior garnish molding.
4. Install the rear door glass. Refer to *Section 9L, Glass and Mirrors*.



## FRONT DOOR SECONDARY WEATHERSTRIP

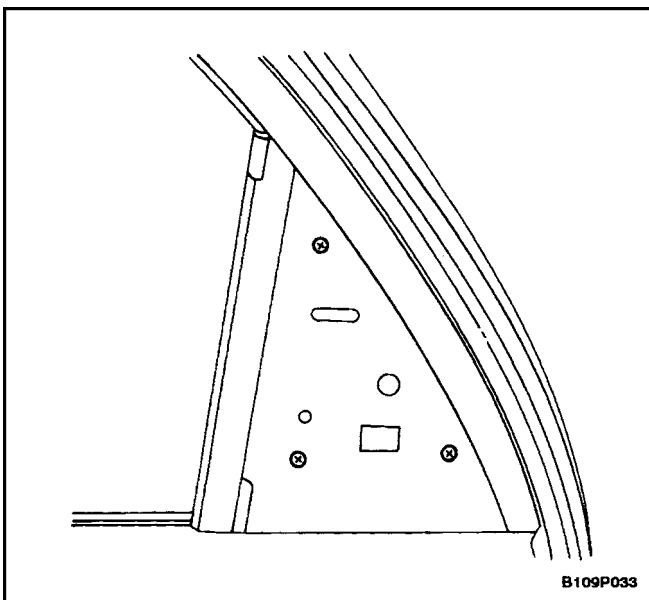
### Removal Procedure

1. Remove the outside rearview mirror. Refer to *Section 9L, Glass and Mirrors*.
2. Remove the front door secondary weatherstrip.



### Installation Procedure

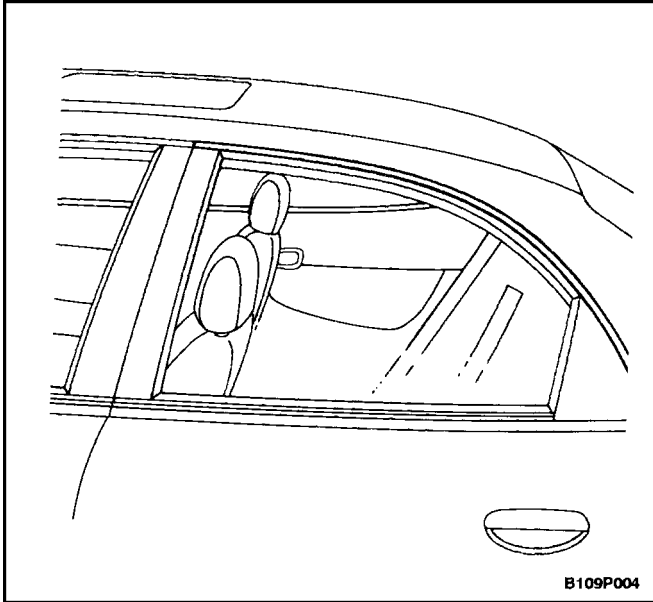
1. Install the front door secondary weatherstrip.
2. Install the outside rearview mirror. Refer to *Section 9L, Glass and Mirrors*.



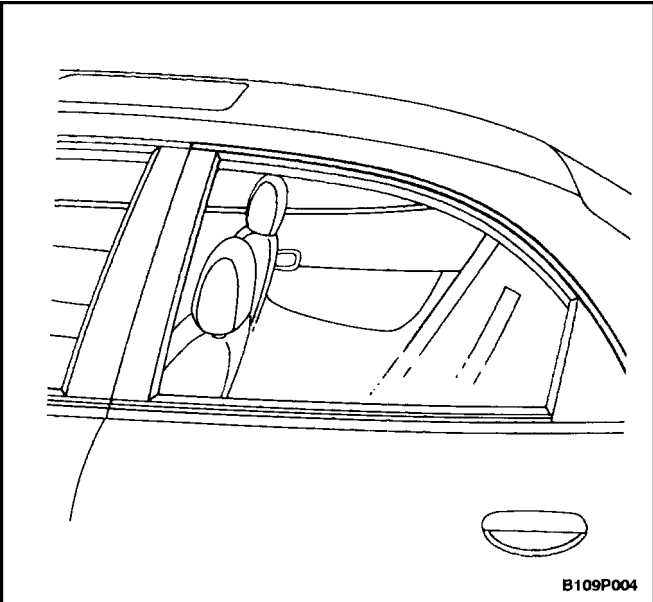
## REAR DOOR SECONDARY WEATHERSTRIP

### Removal Procedure

1. Remove the interior garnish molding.
2. Remove the screws and the exterior garnish molding.



3. Remove the rear door secondary weatherstrip.



### Installation Procedure

1. Install the rear door secondary weatherstrip.

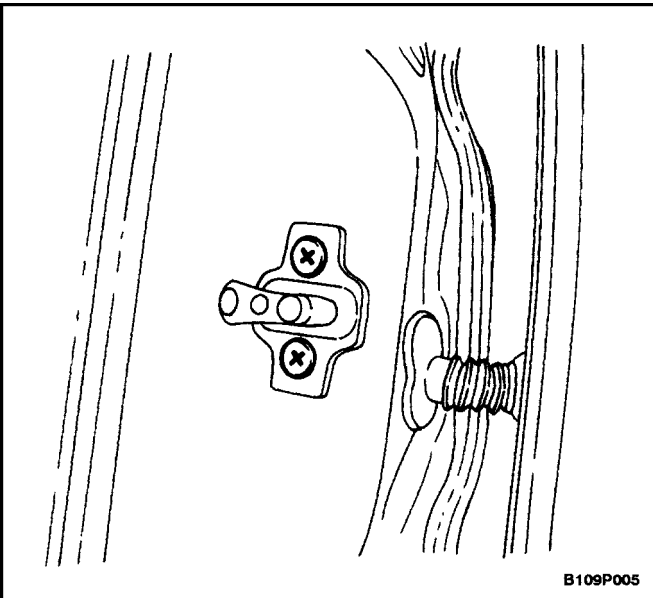
**Notice :** Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

2. Install the exterior garnish molding with the screws.

#### Tighten

Tighten the rear door exterior garnish molding screws to 1.5 N•m (13 lb-in).

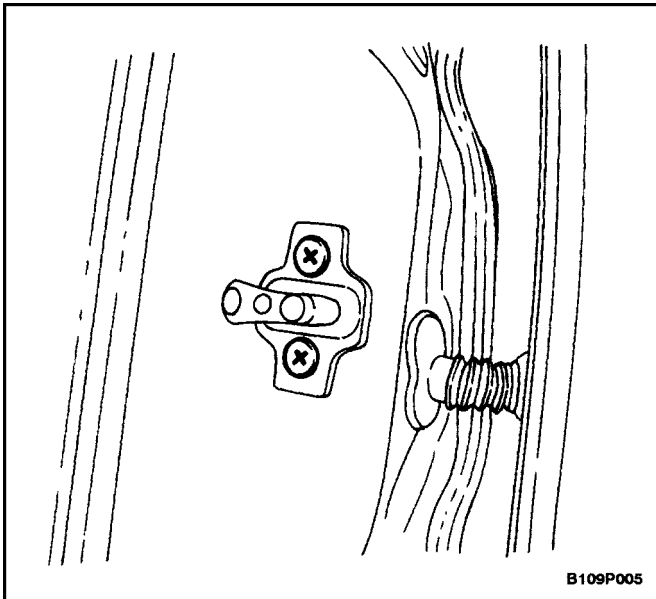
3. Install the interior garnish molding.



### DOOR LOCK STRIKER

#### Removal Procedure

1. Remove the screws and the door lock striker.



### 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 screws and the door lock striker.

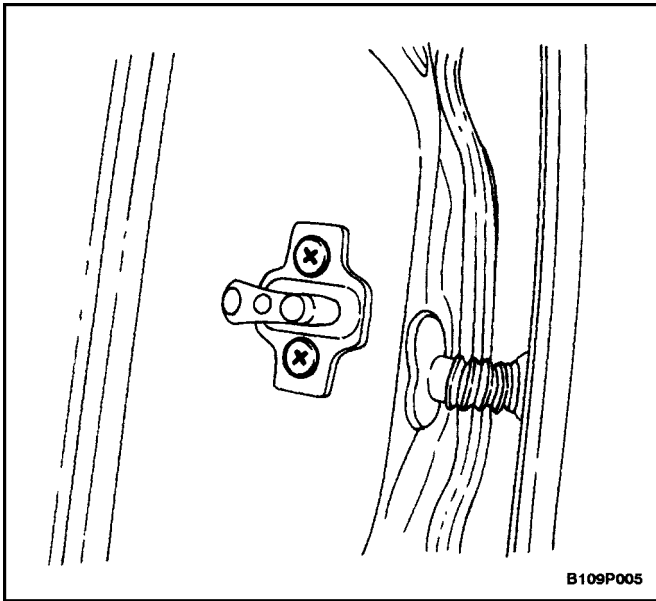
#### Tighten

Tighten the door lock striker screws to 10 N•m (89 lb-in).

### DOOR LOCK STRIKER ADJUSTMENT

The door lock striker consists of a striker with two screws that are threaded into a tapped, floating cage plate located in the appropriate body pillar. This floating cage plate allows the striker to be easily adjusted in or out and up or down. The door is secured in the closed position when the door lock fork snaps over and engages the striker.

**Notice :** The door lock striker is an important attaching part that can affect the performance of vital components and systems and can cause major repair expenses. If replacement becomes necessary, the door lock striker must be replaced by one with the same part number or with an equivalent. Do not use a replacement part of lesser quality or of a substitute design. The specified torque values must be used during reassembly in order to ensure the proper retention of the part.



### Up/Down or In/Out Adjustment

An adjustment of the striker in the up and down or in and out directions may be necessary for a number of reasons: vehicle frame damage as the result of a collision, installation of new door weatherstripping, customer complaints of excessive windnoise, or difficulty in opening or closing the door. In order to adjust the door striker in an up and down or in and out direction, perform the following procedure:

1. The door must be properly aligned.
2. Loosen the striker screws.
3. The floating cage plate can be moved slightly using the ends of the striker screws. Move the floating cage plate to the desired position.

**Notice :** It is important to use a flat-end rotary file in order not to damage the tapped floating cage plate. The striker screws and the tapped floating cage plate are important attaching parts that could affect the performance of vital components and systems.

4. If proper adjustment requires that the floating cage plate be moved more than is possible, use an electric hand drill and a 3/8-inch rotary file with a flat head in order to enlarge the body opening in the direction required.
5. Tighten the striker screws to the correct position.

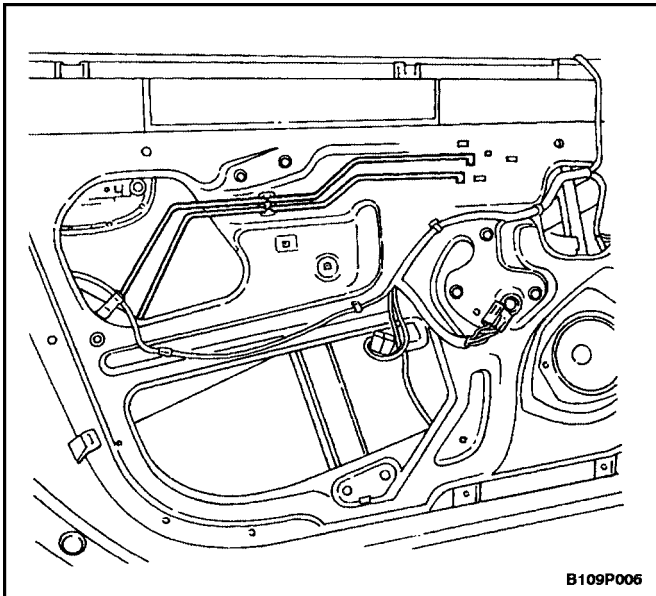
### Tighten

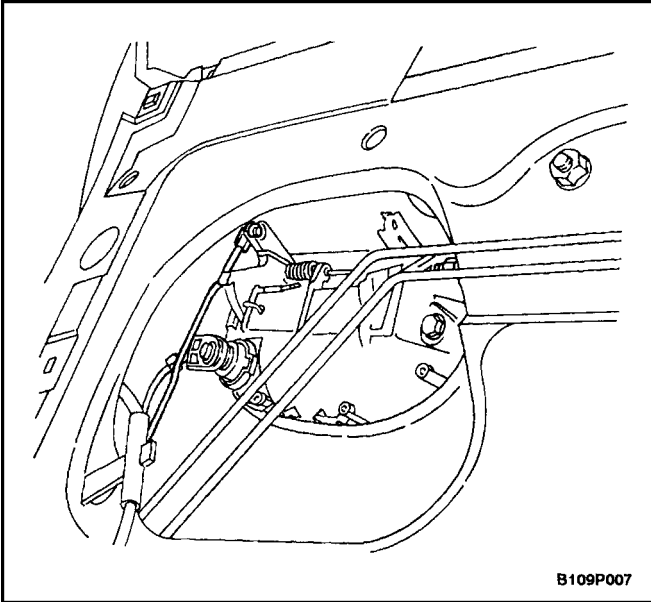
Tighten the door lock striker screws to 10 N•m (89 lb-in).

## FRONT DOOR LOCK

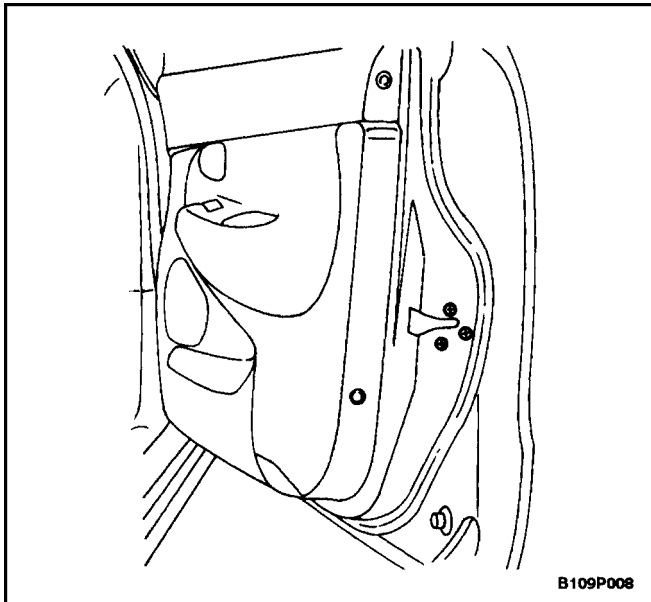
### Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the seal trim. Refer to "Door Seal Trim" in this section.
3. Disconnect the inside door handle and the lock rods.

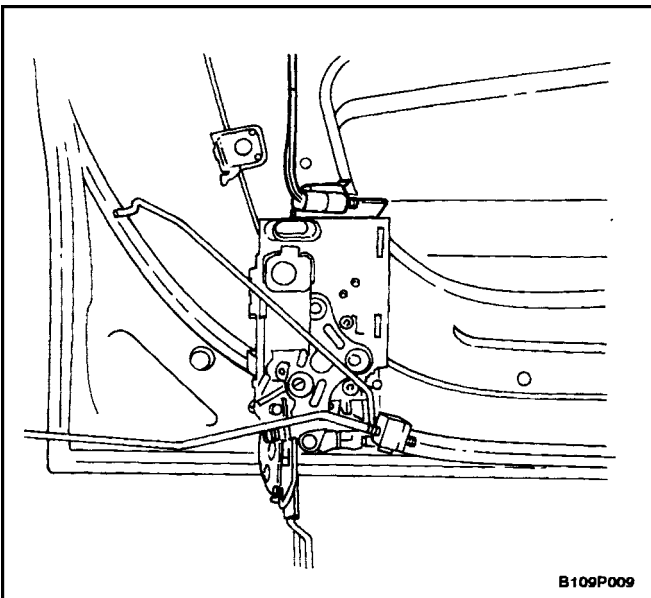




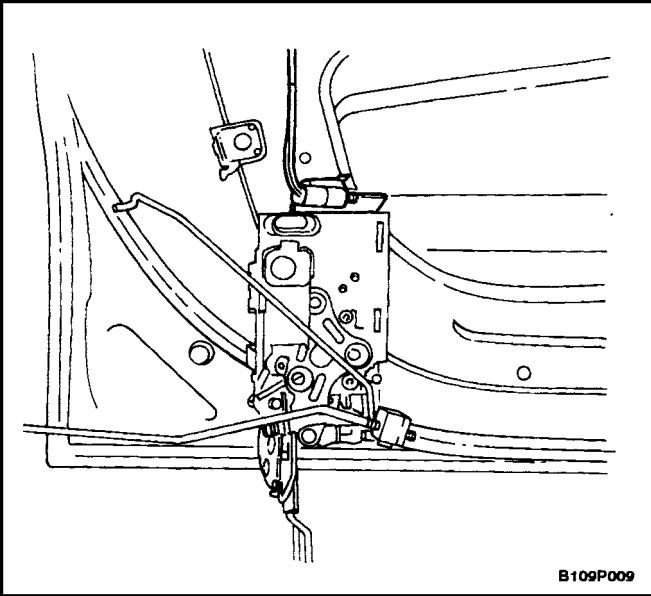
4. Disconnect the outside door handle and the lock rods.



5. Remove the screws and the front door lock.

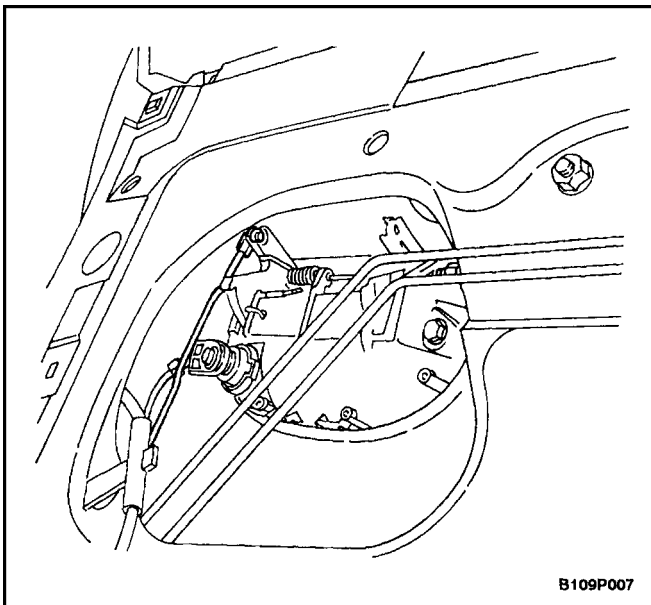


6. Disconnect the electrical connector.

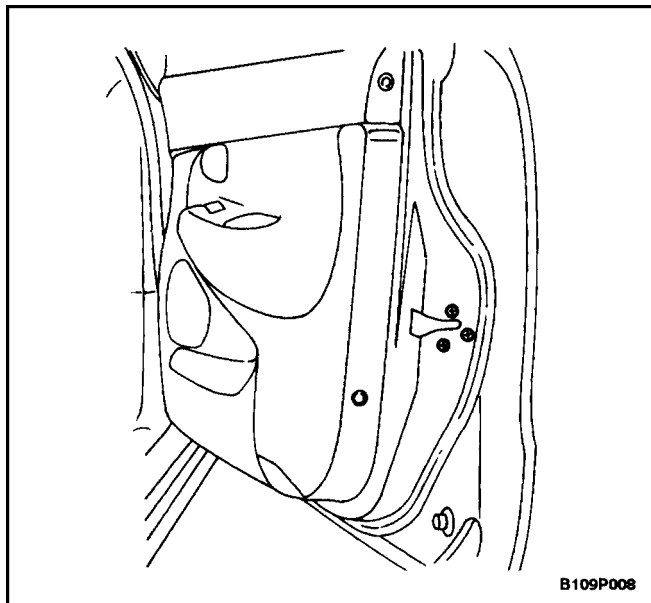


## Installation Procedure

1. Connect the electrical connector.



2. Connect the inside door handle and the lock rods.
3. Connect the outside door handle and the lock rods.



**Notice :** It is important to use a flat-end rotary file in order not to damage the tapped floating cage plate. The striker screws and the tapped floating cage plate are important attaching parts that could affect the performance of vital components and systems.

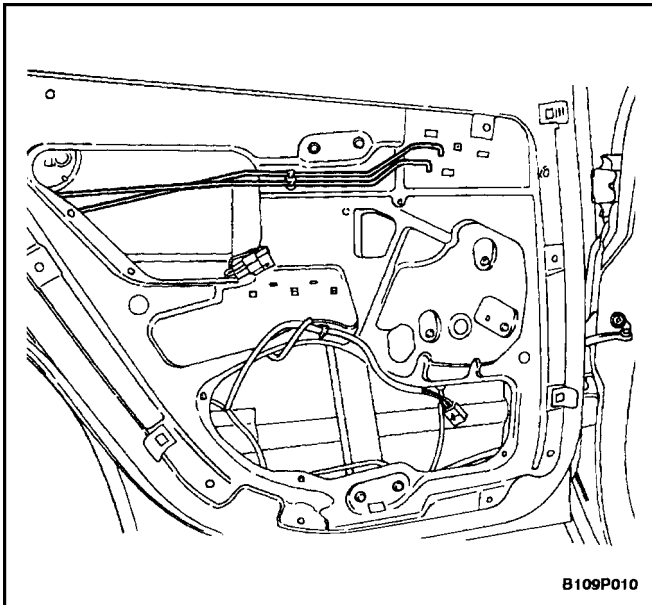
4. Install the front door lock with the screws.

### Tighten

Tighten the front door lock screws to 10 N•m (89 lbin).

5. Install the seal trim. Refer to "Door Seal Trim" in this section.
6. Connect the negative battery cable.

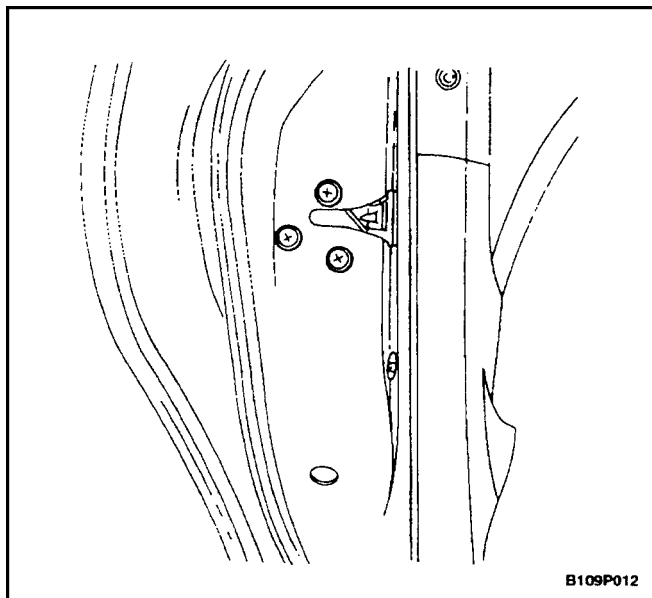
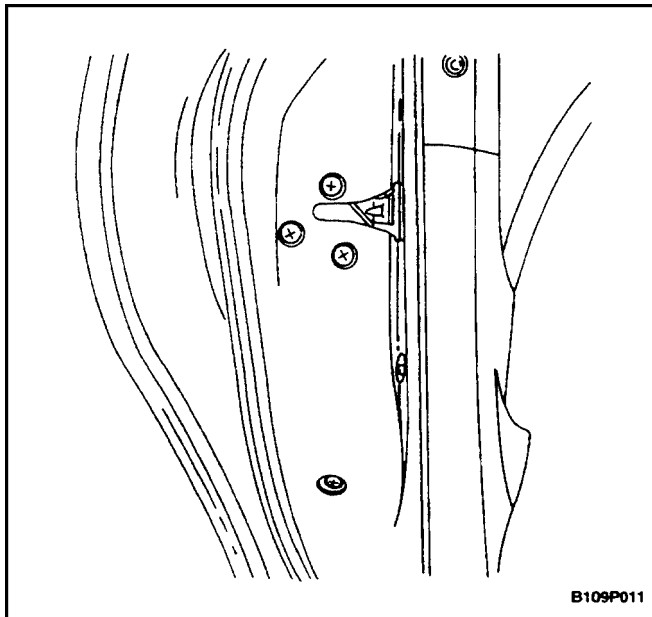


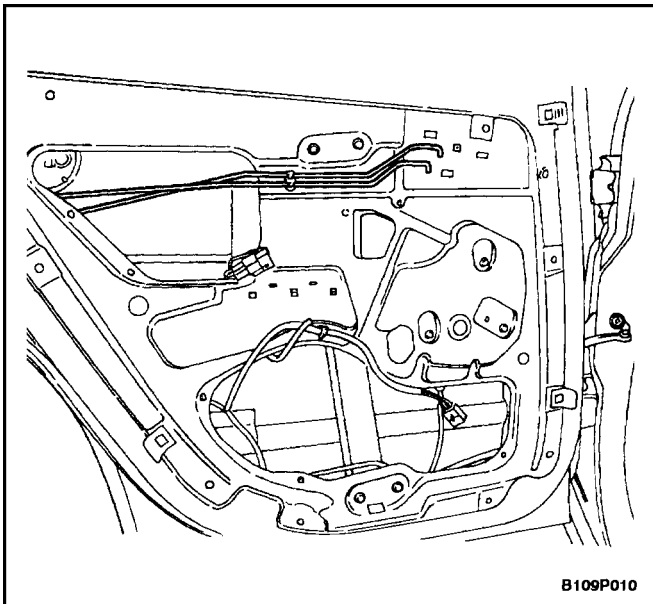
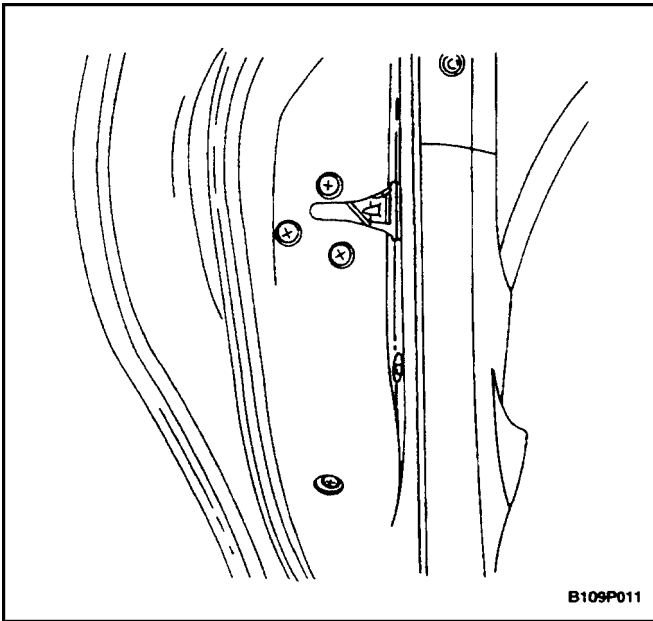
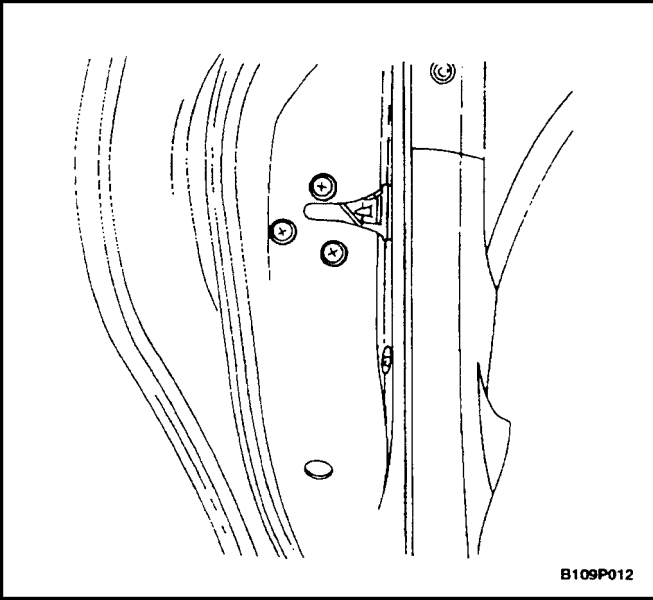


## CHILDPROOF REAR DOOR LOCK

### Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the door seal trim. Refer to "Door Seal Trim" in this section.
3. Disconnect the inside door handle and the lock rods.
4. Disconnect the outside door handle and the lock rods.
5. Remove the screw and the guide rail.
6. Disconnect the electrical connector.
7. Disconnect the electrical connector.
8. Disconnect the lock rods at the lock.





## 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.

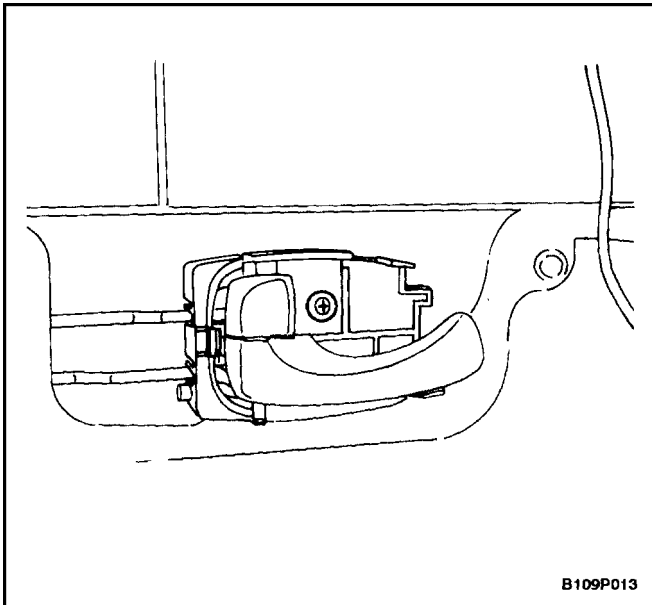
1. Install the rear door lock with the screws.

### Tighten

Tighten the rear door lock screws to 10 N•m (89 lbin).

2. Connect the electrical connector.
3. Install the guide rail with the screw.

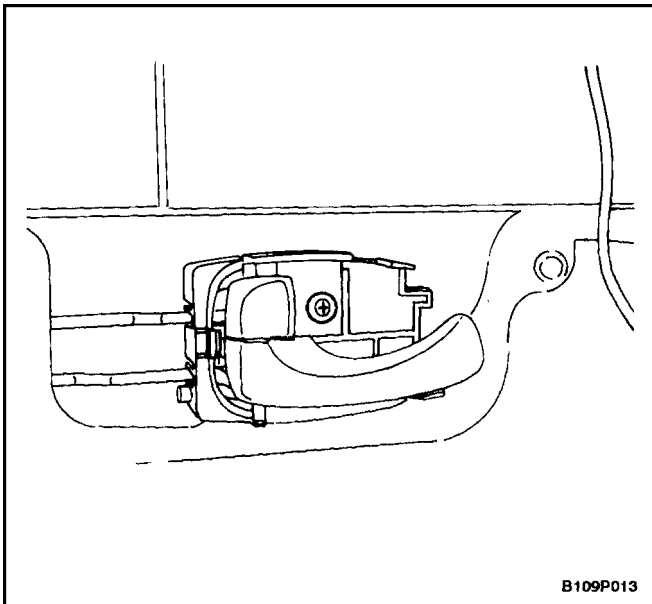
4. Connect the outside door handle and the lock rods.
5. Connect the inside door handle and the lock rods.
6. Install the door seal trim. Refer to "Door Seal Trim" in this section.
7. Connect the negative battery cable.



## INSIDE DOOR HANDLE

### Removal Procedure

1. Remove the door seal trim. Refer to "Door Seal Trim" in this section.
2. Remove the screw securing the door handle to the door.
3. Slide the door handle forward and remove it from the door.
4. Disconnect the inside door handle and the lock rods.



### Installation Procedure

1. Connect the inside door handle and the lock rods.
2. Insert the inside door handle into the slots in the door.
3. Slide the door handle rearward.

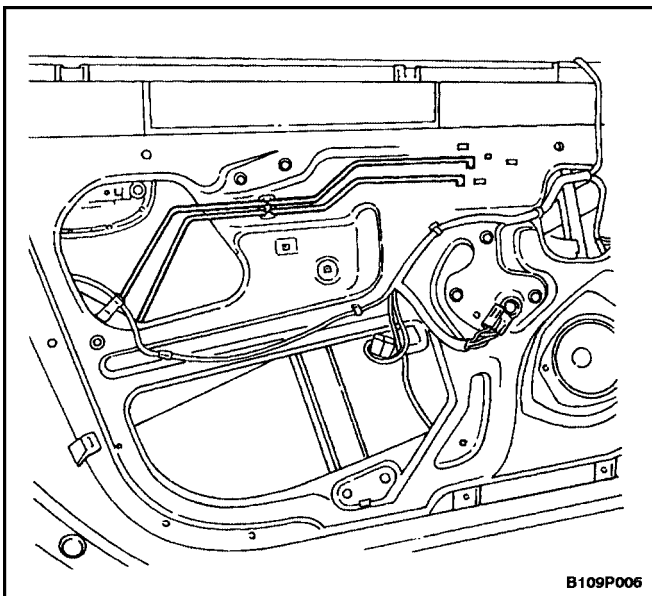
**Notice :** Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

4. Install the inside door handle screw.

### Tighten

Tighten the inside door handle screw to 1.5 N•m (13 lb-in).

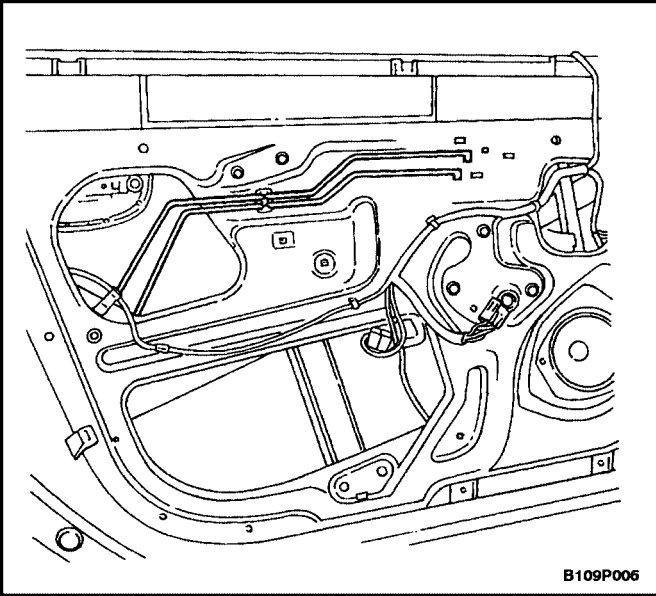
5. Install the door seal trim. Refer to "Door Seal Trim" in this section.



## INSIDE LOCK ROD

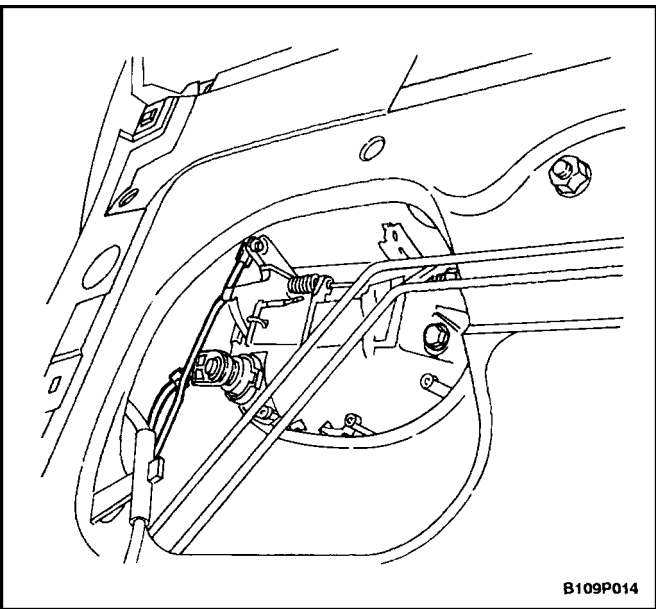
### Removal Procedure

1. Remove the door seal trim. Refer to "Door Seal Trim" in this section.
2. Disconnect the inside lock rods from the door handle and the lock.



### Installation Procedure

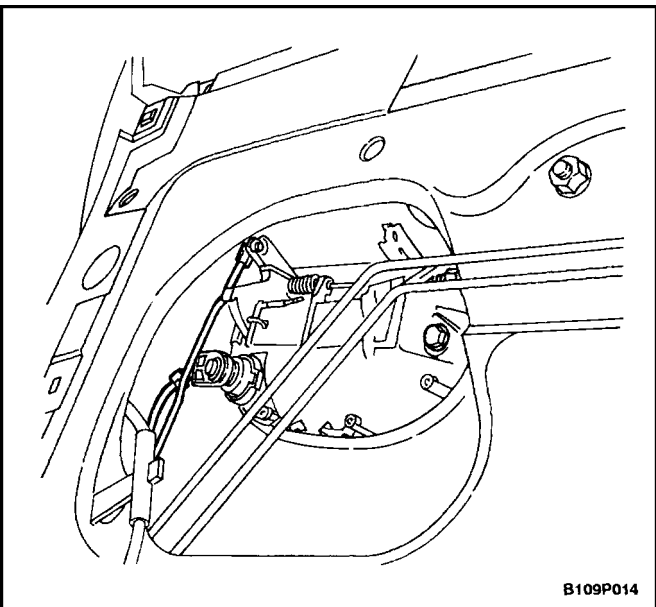
1. Connect the inside lock rods to the door handle and the lock.
2. Install the door seal trim. Refer to "Door Seal Trim" in this section.



## OUTSIDE DOOR HANDLE

### Removal Procedure

1. Remove the door seal trim. Refer to "Door Seal Trim" in this section.
2. Disconnect the outside door handle and the lock rods.
3. Remove the bolts and the door handle.



### Installation Procedure

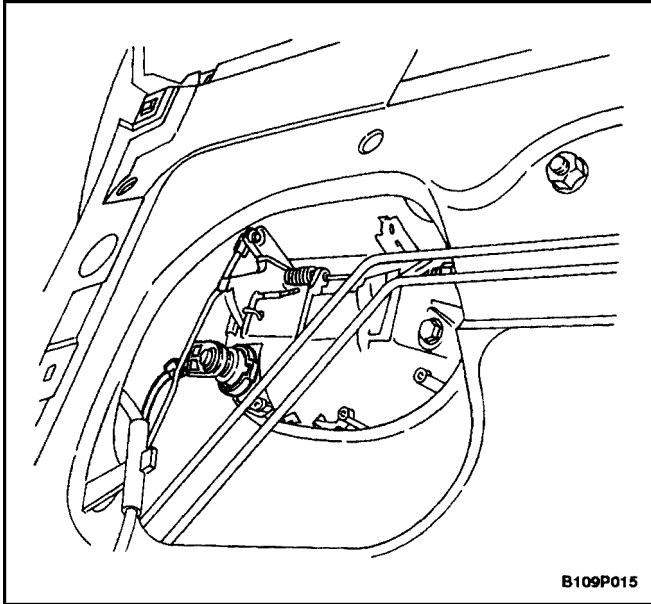
1. Connect the outside door handle and the lock rods.
- Notice :** Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

2. Install the door handle with the bolts.

#### Tighten

Tighten the outside door handle bolts to 4 N•m (35 lbin).

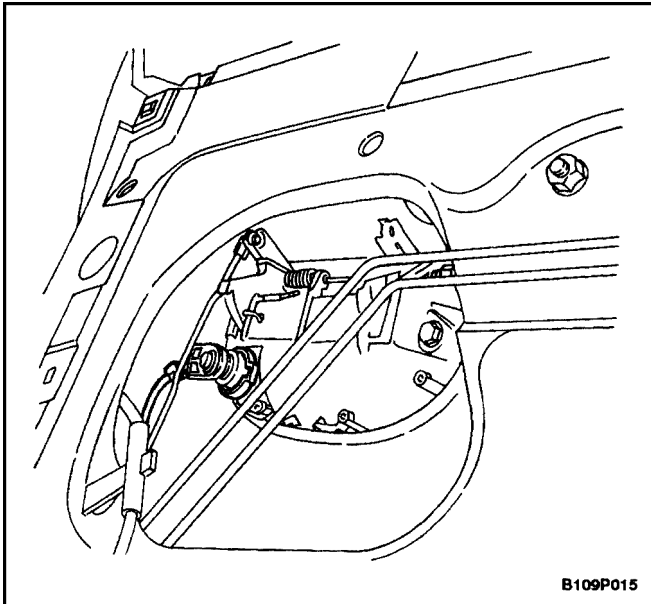
3. Install the door seal trim. Refer to "Door Seal Trim" in this section.



## DOOR LOCK CYLINDER

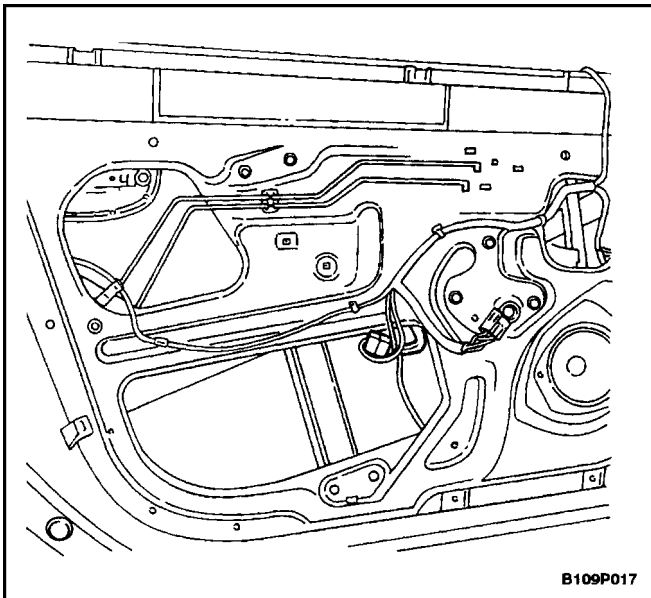
### Removal Procedure

1. Remove the door seal trim. Refer to "Door Seal Trim" in this section.
2. Disconnect the outside door handle lock rod.
3. Remove the retaining clip and the lock cylinder.



### Installation Procedure

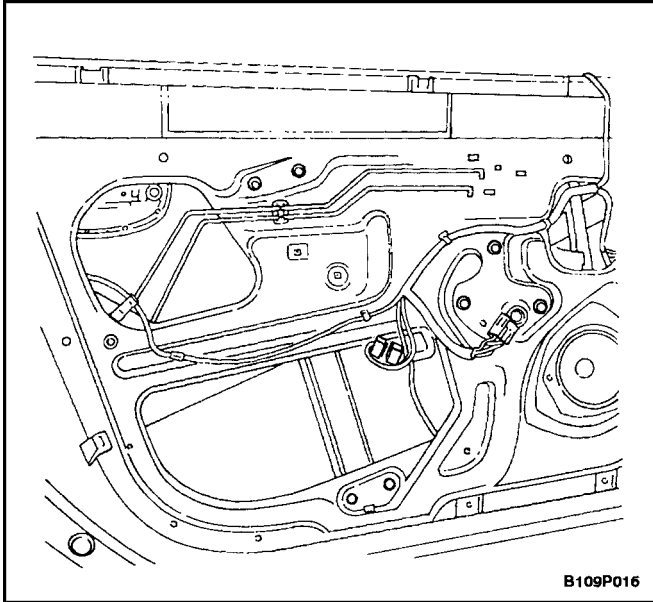
1. Install the lock cylinder with the retaining clip.
2. Connect the outside door handle lock rod.
3. Install the door seal trim. Refer to "Door Seal Trim" in this section.



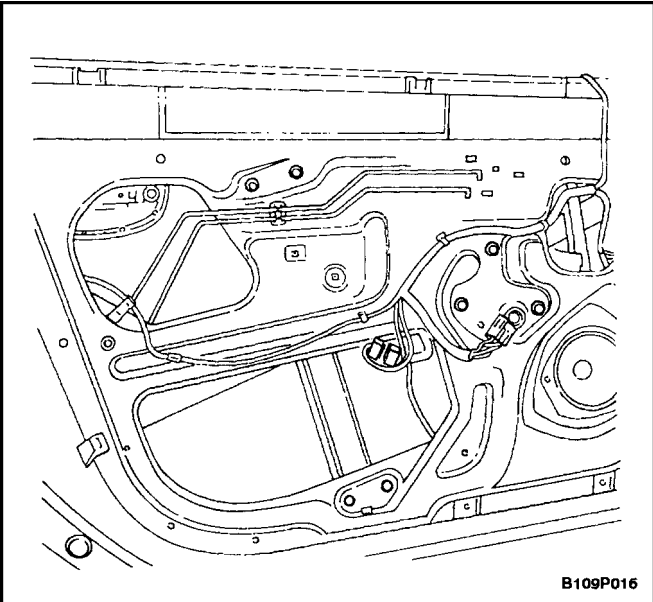
## POWER FRONT WINDOW REGULATOR

### Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the front door glass. Refer to *Section 9L, Glass and Mirrors*.
3. Disconnect the electrical connector.



4. Remove the nuts and the regulator.



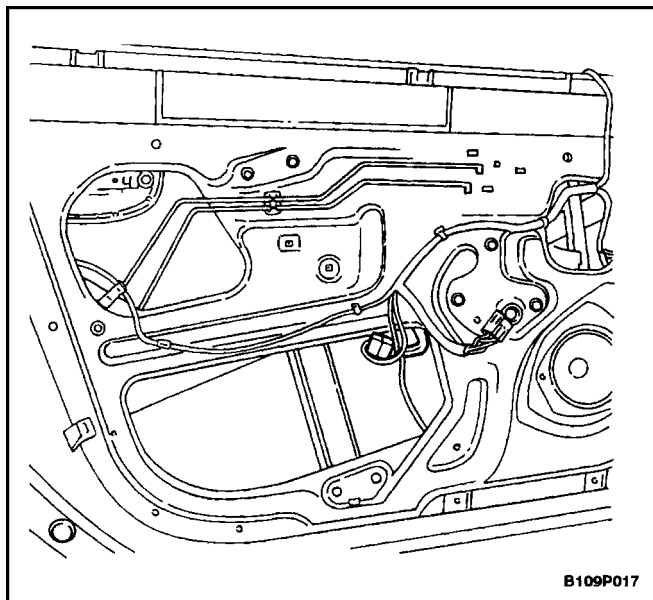
### Installation Procedure

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

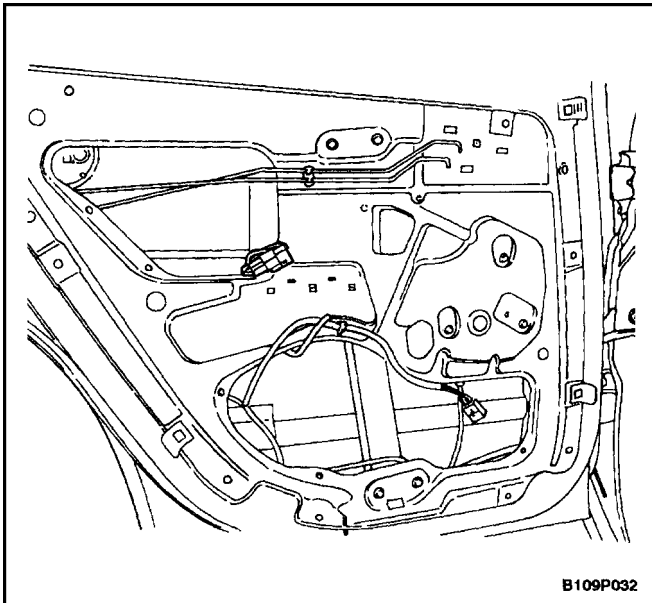
1. Install the window regulator with the nuts.

#### **Tighten**

Tighten the window regulator nuts to 8 N•m (71 lb-in).



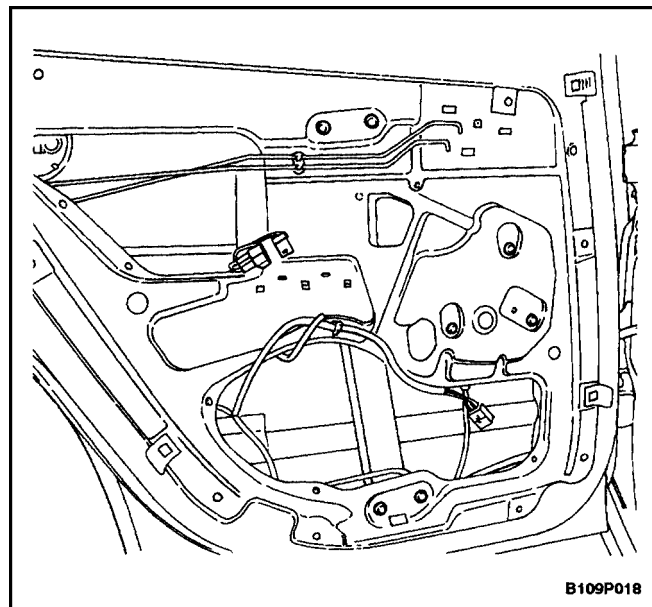
2. Connect the electrical connector.
3. Install the front door glass. Refer to *Section 9L, Glass and Mirrors*.
4. Connect the negative battery cable.



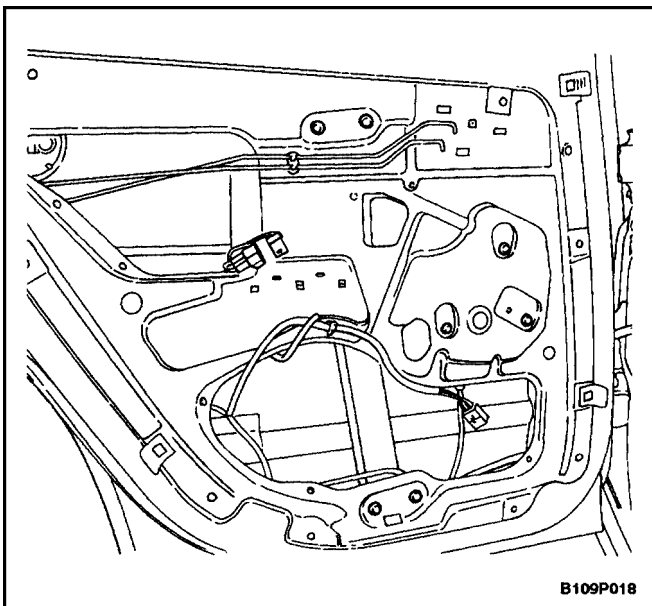
## POWER REAR WINDOW REGULATOR

### Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the rear door glass. Refer to *Section 9L, Glass and Mirrors*.
3. Disconnect the electrical connector.



4. Remove the nuts and the window regulator.



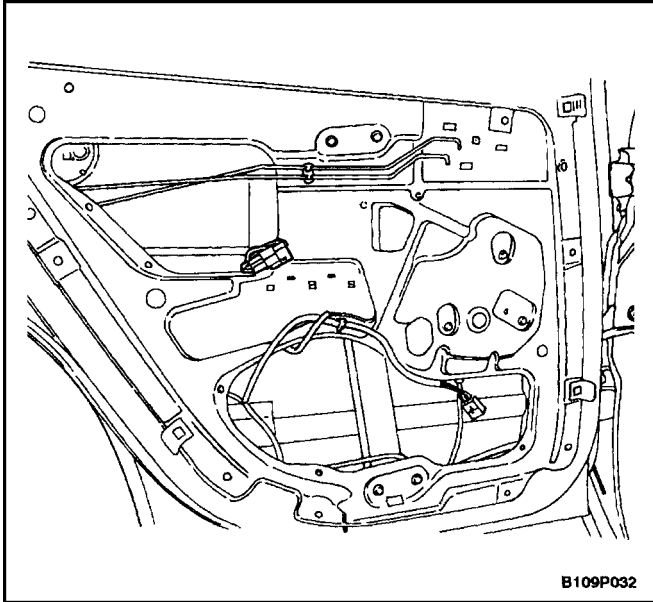
### Installation Procedure

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

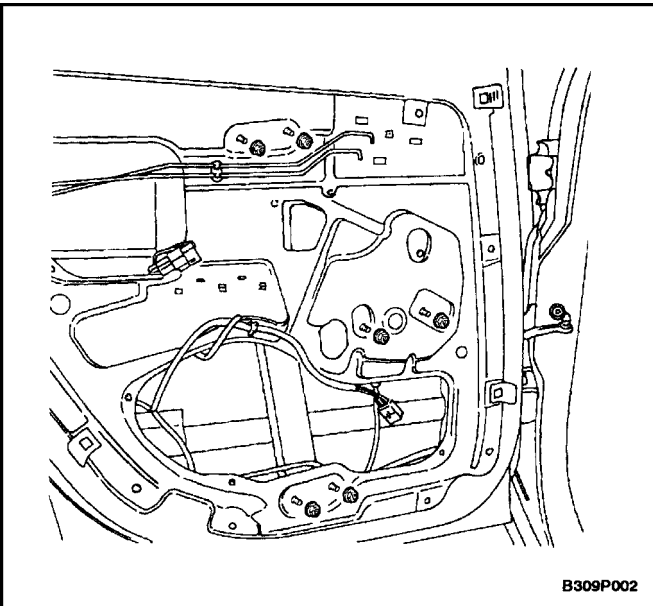
1. Install the window regulator with the nuts.

#### **Tighten**

Tighten the window regulator nuts to 8 N•m (71 lb-in).



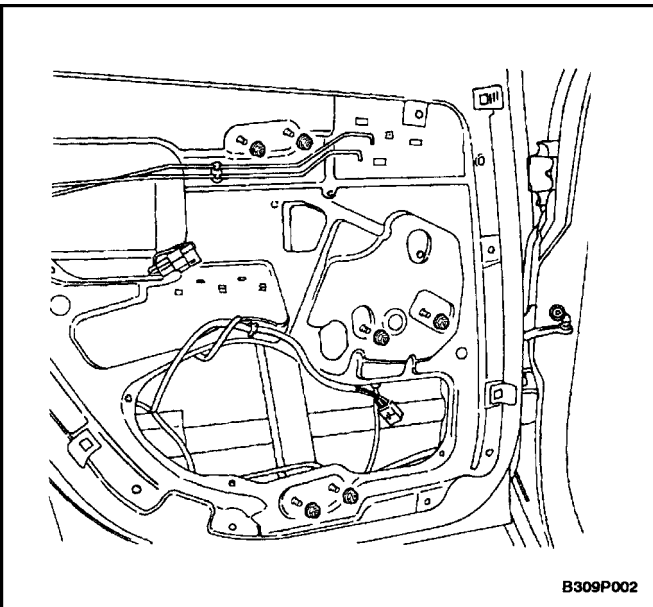
2. Connect the electrical connector.
3. Install the rear door glass. Refer to *Section 9L, Glass and Mirrors*.
4. Connect the negative battery cable.



## MANUAL REAR WINDOW REGULATOR

### Removal Procedure

1. Remove the regulator handle. Refer to "Manual Rear Window Regulator Handle" in this section.
2. Remove the rear door glass. Refer to *Section 9L, Glass and Mirrors*.
3. Remove the nuts and the window regulator.



### 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.

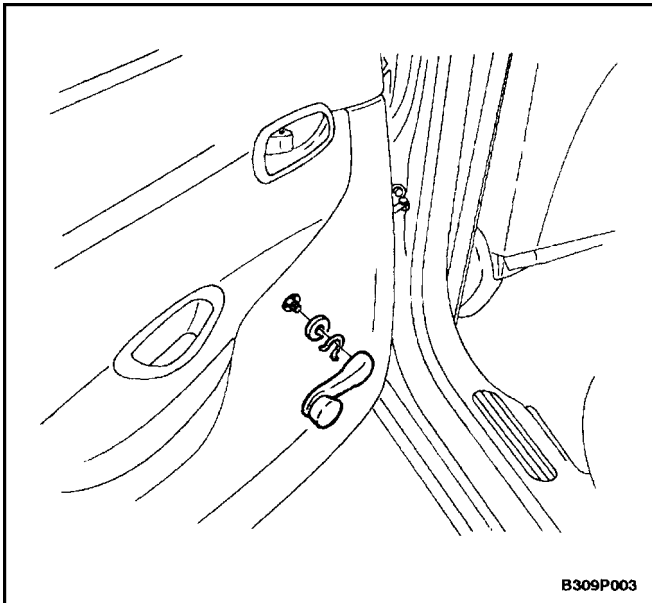
1. Install the window regulator with the nuts.

#### **Tighten**

Tighten the window regulator nuts to 8 N•m (71 lb-in).

2. Install the rear door glass. Refer to *Section 9L, Glass and Mirrors*.
3. Install the regulator handle. Refer to "Manual Rear Window Regulator Handle" in this section.

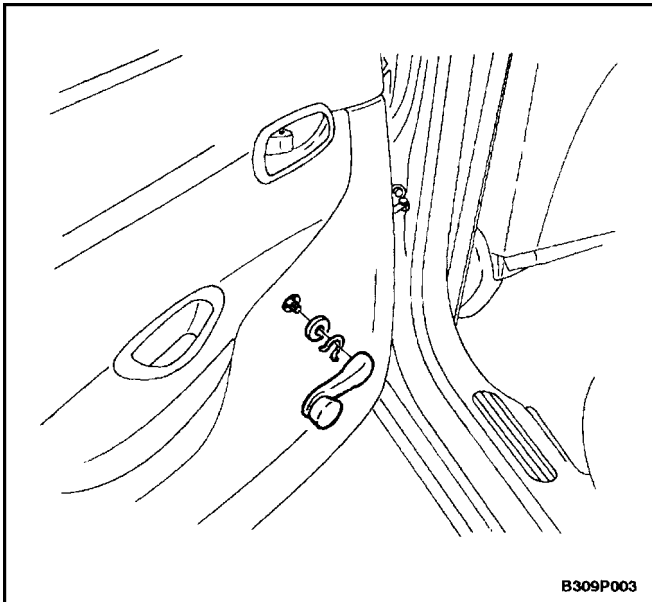




## MANUAL REAR WINDOW REGULATOR HANDLE

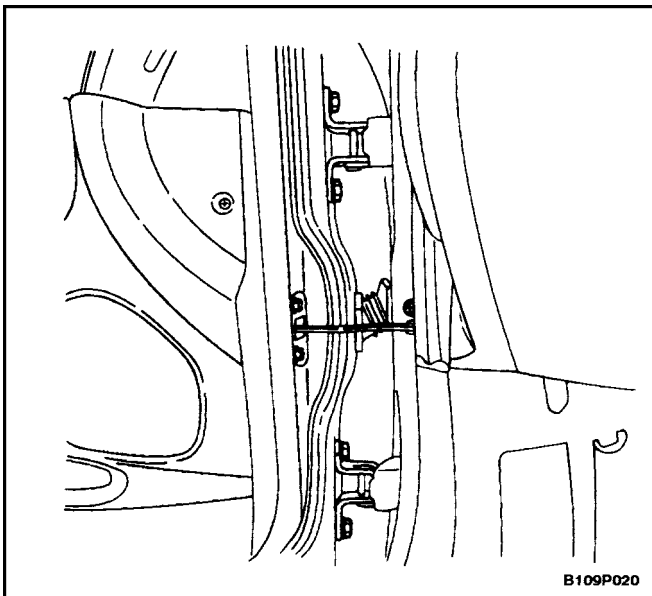
### Removal Procedure

1. Reposition the plastic ring behind the window regulator handle to reveal the "C" clip.
2. Remove the "C" clip.
3. Remove the window regulator handle and the plastic ring.



### Installation Procedure

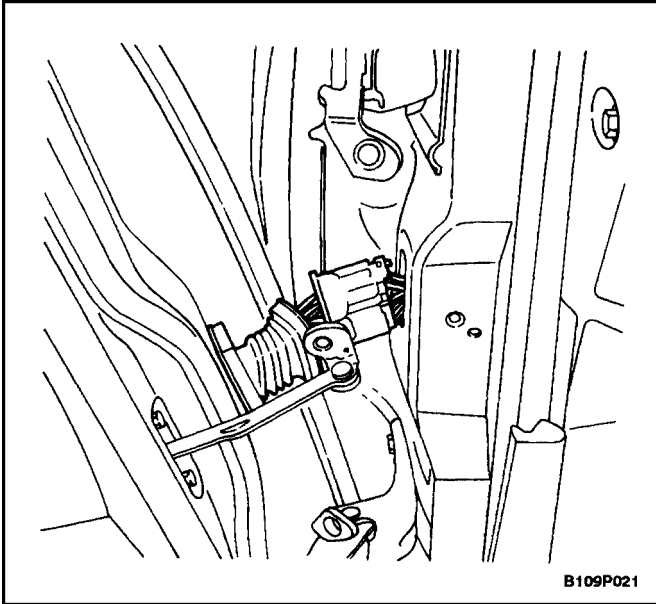
1. Install the plastic ring.
2. Install the "C" clip onto the window regulator handle.
3. Install the window regulator handle.



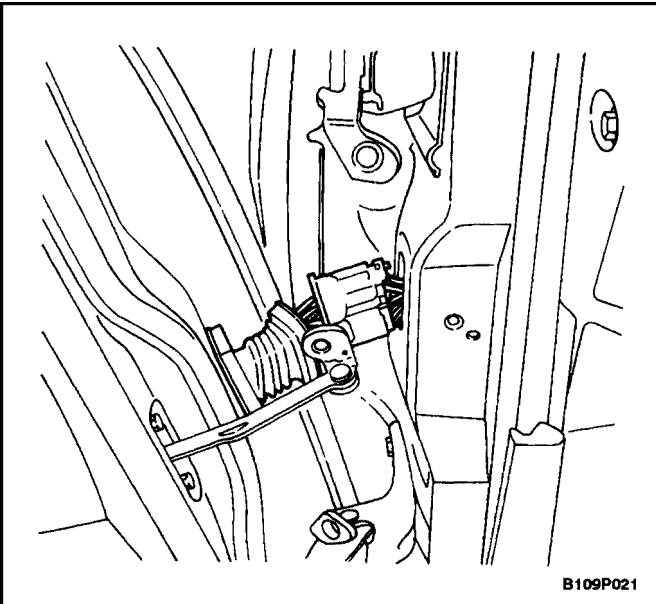
## FRONT DOOR ASSEMBLY

### Removal Procedure

1. Disconnect the negative battery cable.
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.

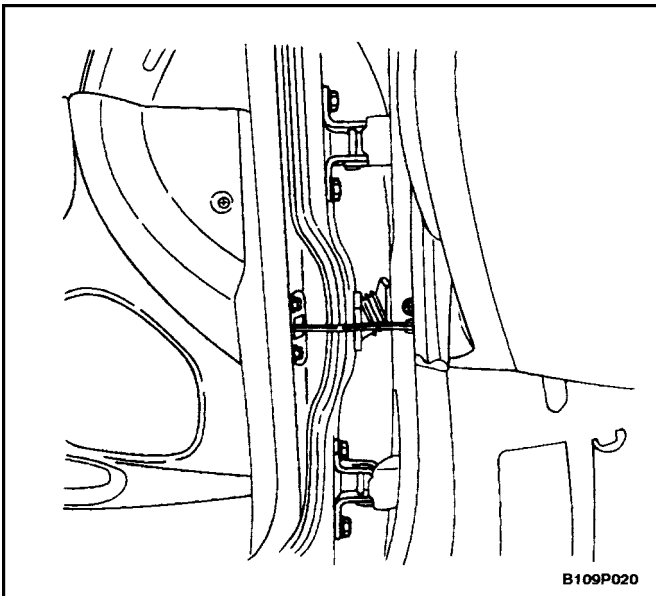


4. Disconnect the body-to-door rubber grommet and the electrical connector.



### Installation Procedure

1. Connect the electrical connector and the body-to-door rubber grommet.



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

2. With the aid of another technician, lightly secure the front door with the door hinge bolts.
3. Adjust the door for proper fit.

#### Tighten

Tighten the door hinge bolts to 25 N•m (18 lb-ft).

4. Install the door hold open link to the body with the bolt.

#### Tighten

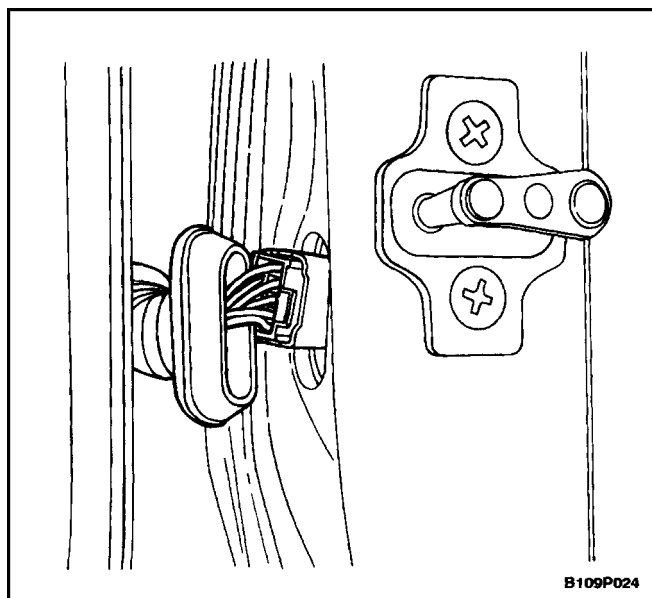
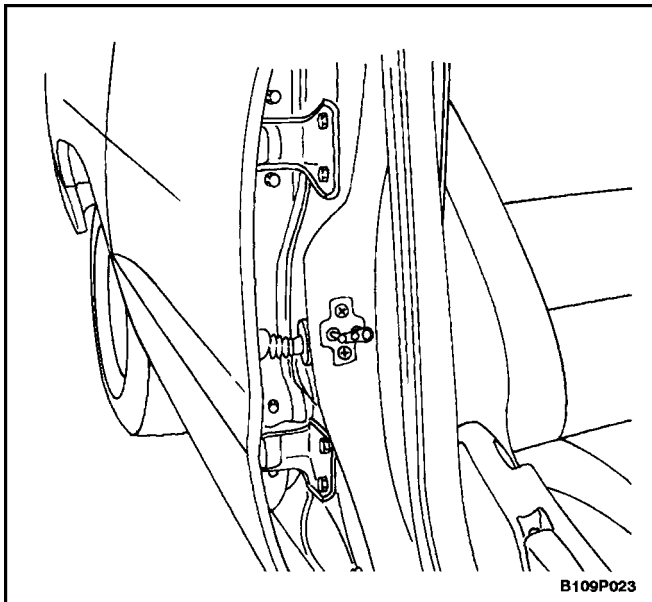
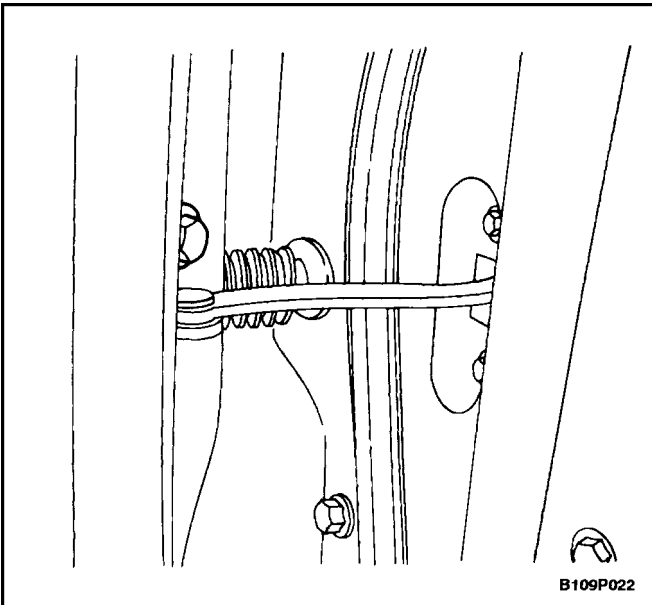
Tighten the door hold open link-to-body bolt to 27 N•m (20 lb-ft).

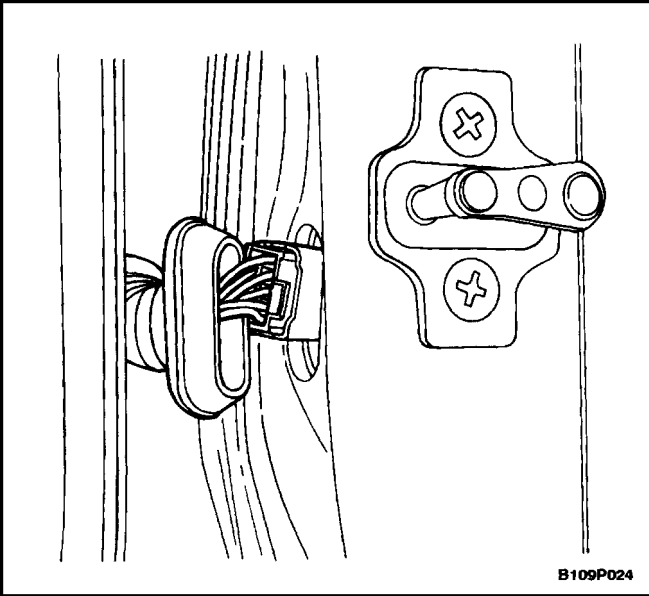
5. Connect the negative battery cable.
6. Perform the waterleak test. Refer to *Section 9I, Waterleaks*.
7. Check for windnoise. Refer to *Section 9J, Windnoise*.

## REAR DOOR ASSEMBLY

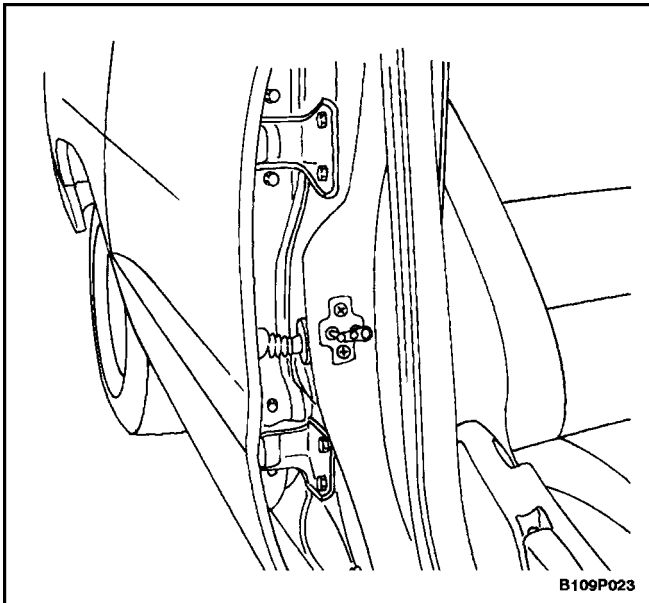
### Removal Procedure

1. Disconnect the negative battery cable.
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.

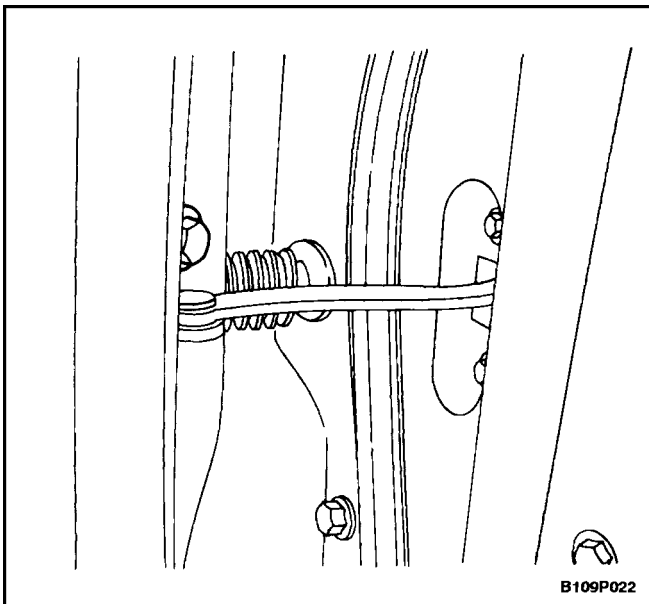




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## Installation Procedure

1. Connect the body-to-door rubber grommet and 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.

2. With the aid of another technician, lightly secure the rear door with the door hinge bolts.
3. Adjust the door for proper fit.

### Tighten

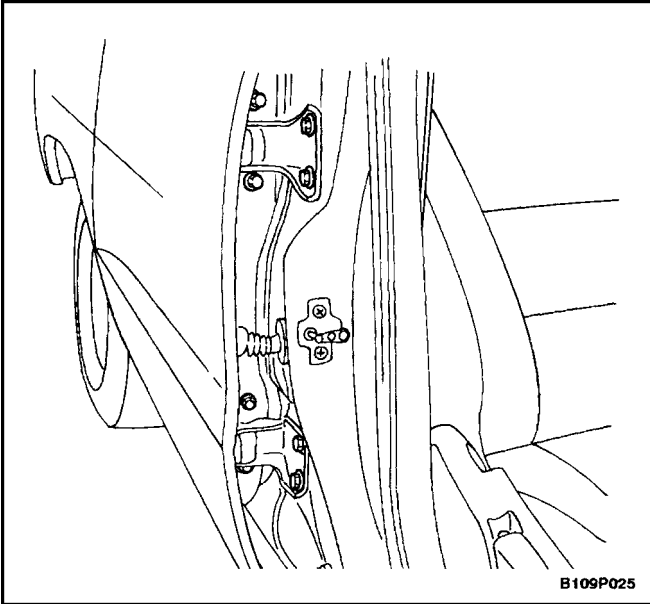
Tighten the door hinge bolts to 25 N•m (18 lb-ft).

4. Install the rear door hold open link to the body with the bolt.

### Tighten

Tighten the door hold open link-to-body bolt to 27 N•m (20 lb-ft).

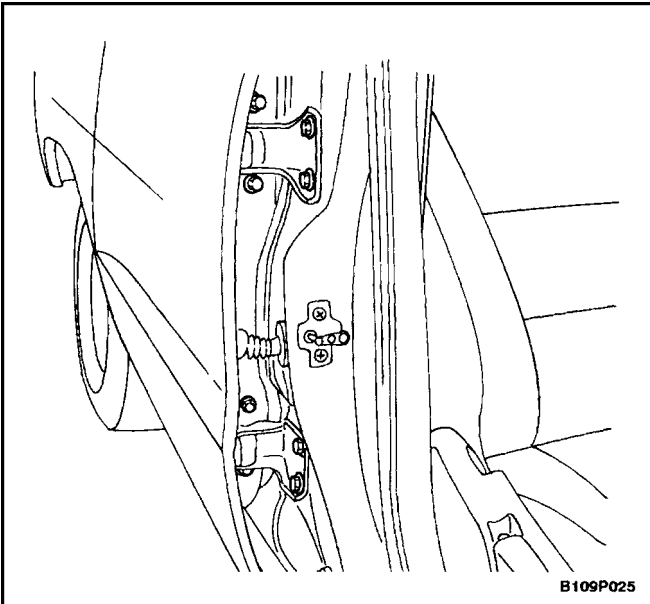
5. Connect the negative battery cable.
6. Perform the waterleak test. Refer to *Section 9I, Waterleaks*.
7. Check for windnoise. Refer to *Section 9J, Windnoise*.



## DOOR HINGE

### Removal Procedure

1. With the aid of another technician, remove the bolts and the hinge from the door and the body.



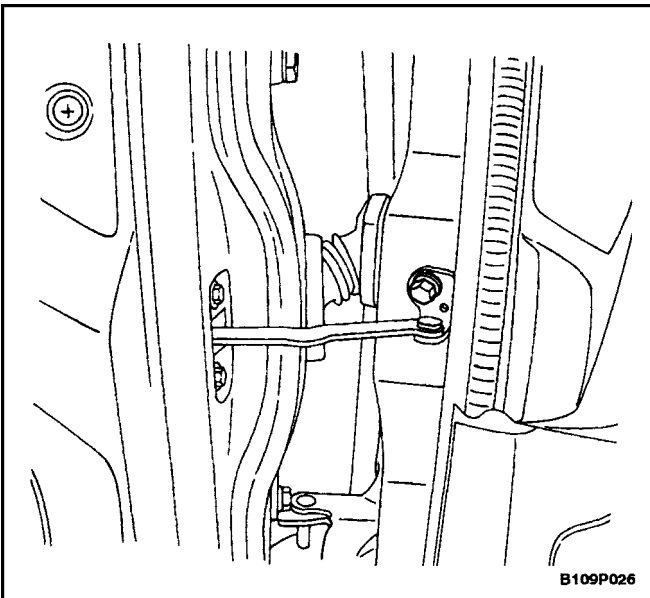
### Installation Procedure

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

1. With the aid of another technician, install the hinge to the door and the body with the bolts.

### Tighten

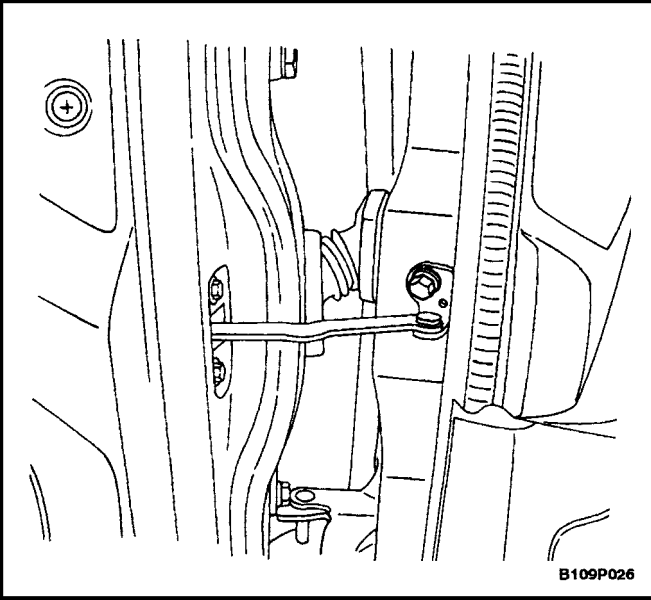
Tighten the door hinge bolts to 25 N•m (18 lb–ft).



## DOOR HOLD OPEN LINK

### Removal Procedure

1. Remove the door trim panel. Refer to *Section 9G, Interior Trim*.
2. Reposition the door seal trim.
3. Remove the bolts on the door and on the body.
4. Remove the door hold open link.



### 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.

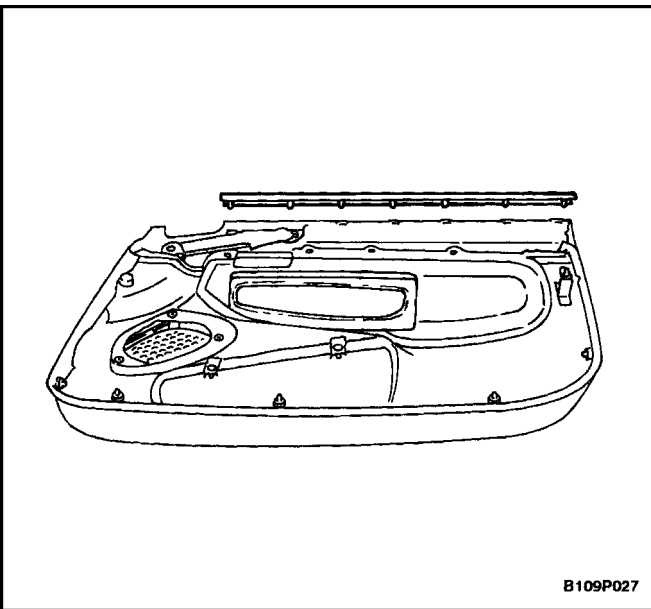
1. Install the door hold open link to the door and the body with the bolts.

#### Tighten

Tighten the door hold open link-to-body bolt to 27 N•m (20 lb-ft).

Tighten the door hold open link-to-door bolts to 6 N•m (53 lb-in).

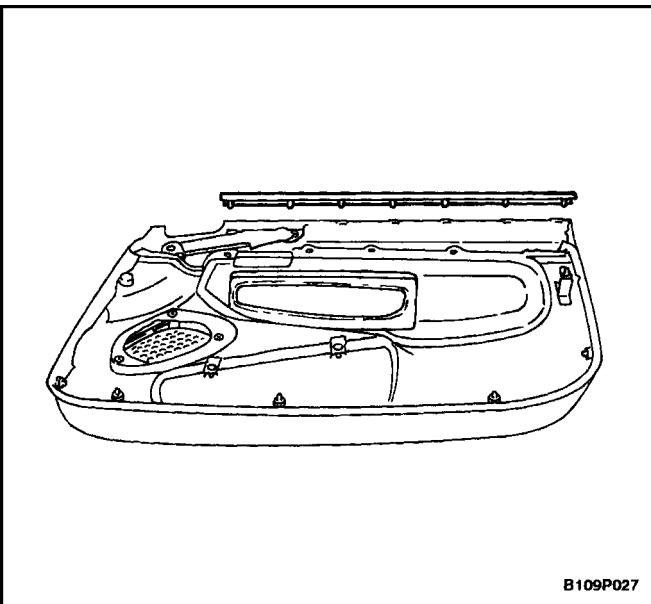
2. Reposition the door seal trim.
3. Install the door trim panel. Refer to *Section 9G, Interior Trim*.



### INSIDE CHANNEL MOLDING

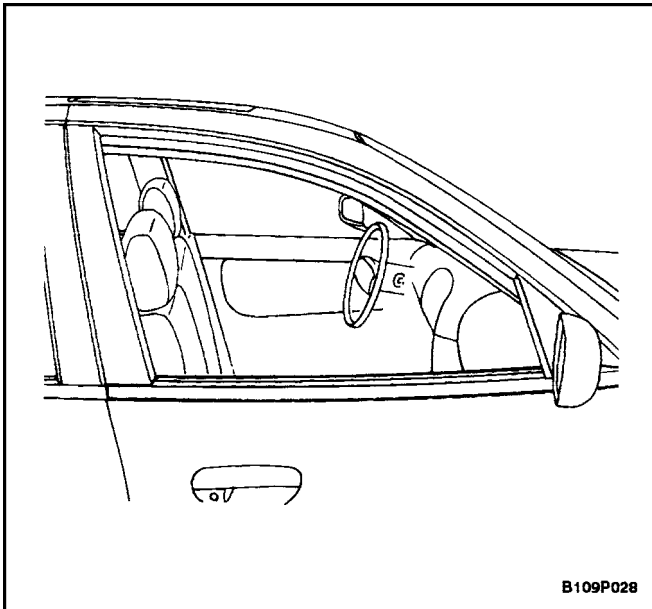
#### Removal Procedure

1. Remove the door trim panel. Refer to *Section 9G, Interior Trim*.
2. Straighten the retaining tabs in order to release the channel molding from the door trim panel.
3. Remove the channel molding.



#### Installation Procedure

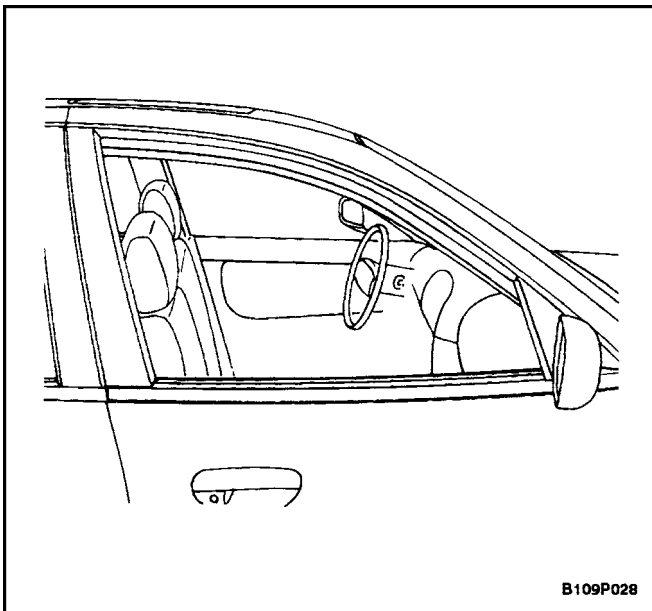
1. Install the channel molding onto the door trim panel.
2. Bend the retaining tabs to secure the channel molding to the door trim panel.
3. Install the door trim panel. Refer to *Section 9G, Interior Trim*.



## OUTSIDE CHANNEL MOLDING

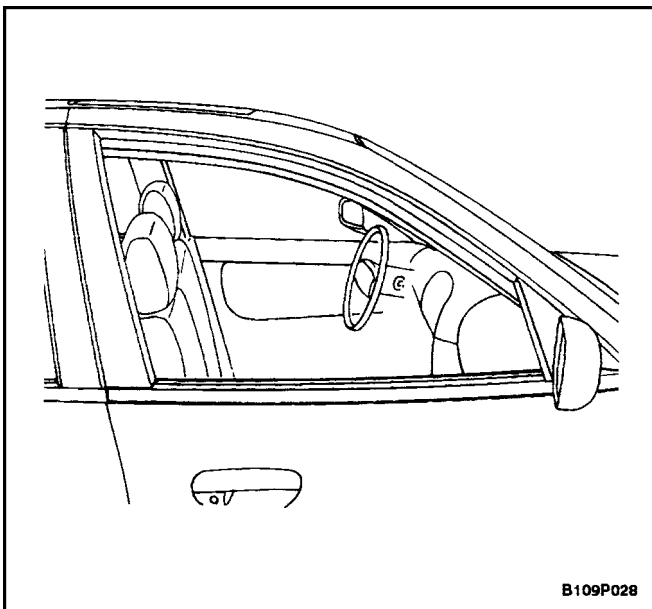
### Removal Procedure

1. Lower the window completely.
2. Lift the outside channel molding off the door.



### Installation Procedure

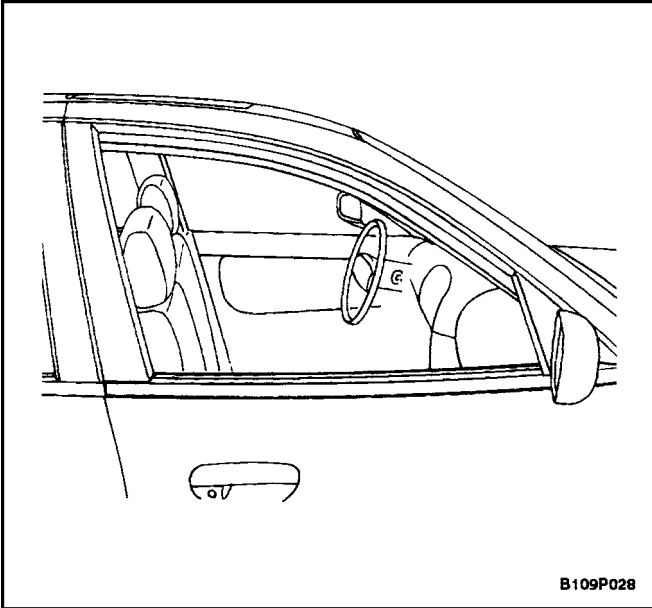
1. Press the outside channel molding onto the door.
2. Raise the window.



## DOOR WEATHERSTRIP

### Removal Procedure

1. Lower the window completely.
2. Remove the door weatherstrip.



### Installation Procedure

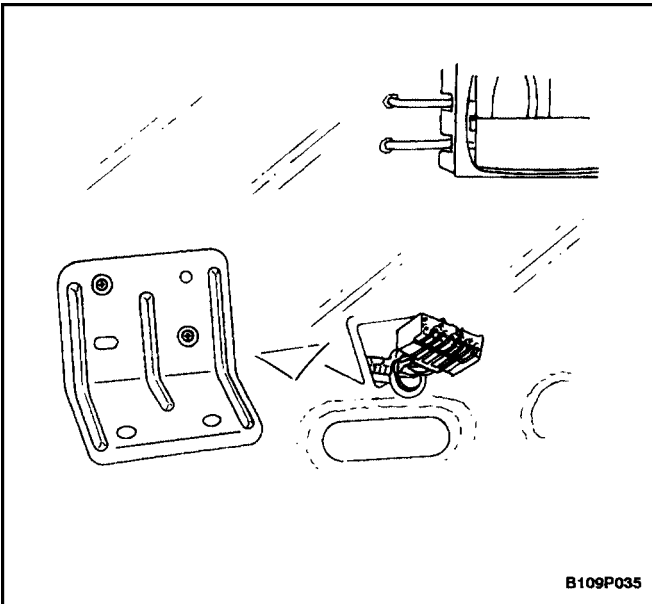
1. Install the door weatherstrip.

**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 door hold open link to the body with the bolt.

### Tighten

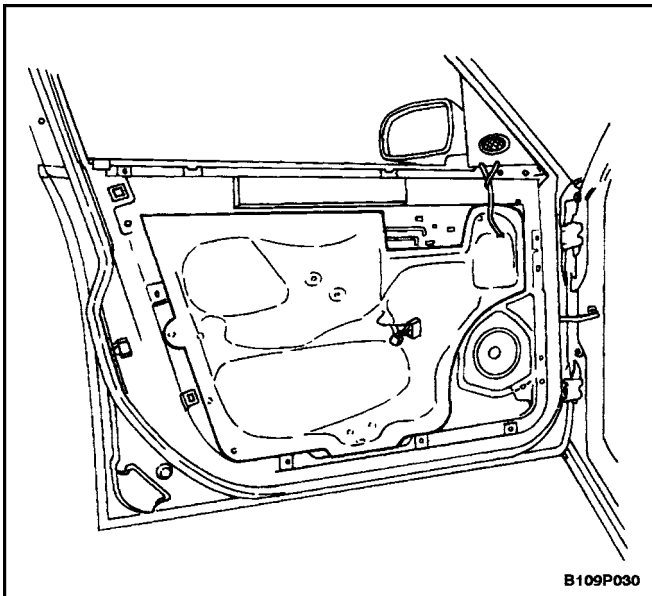
Tighten the door hold open link-to-body bolt to 27 N•m (20 lb–ft).



## DOOR SEAL TRIM

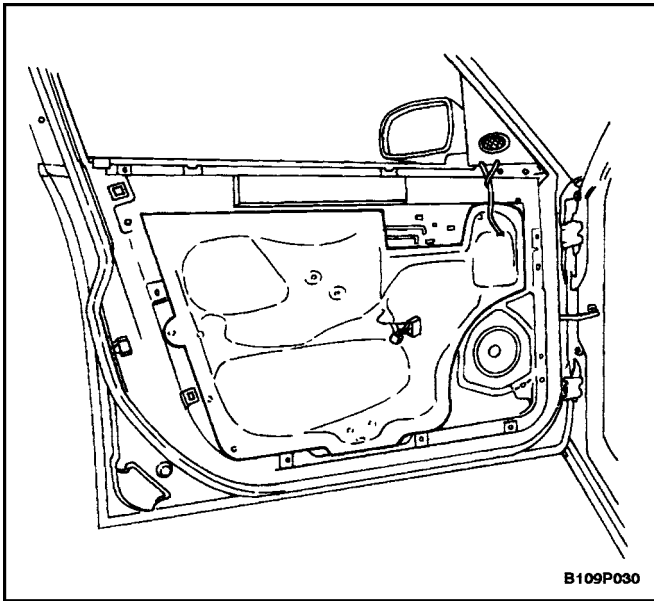
### Removal Procedure

1. Remove the door trim panel. Refer to *Section 9G, Interior Trim*.
2. Remove the screws and the door pull bracket.



3. Remove the inside door handle. Refer to "Inside Door Handle" in this section.
4. Remove the door seal trim.





## Installation Procedure

1. Install the door seal trim.

2. Install the inside door handle. Refer to "Inside Door Handle" in this section.

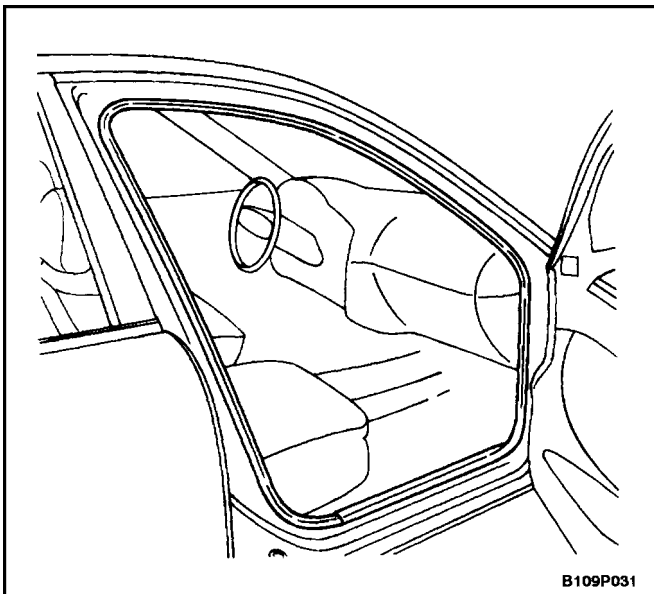
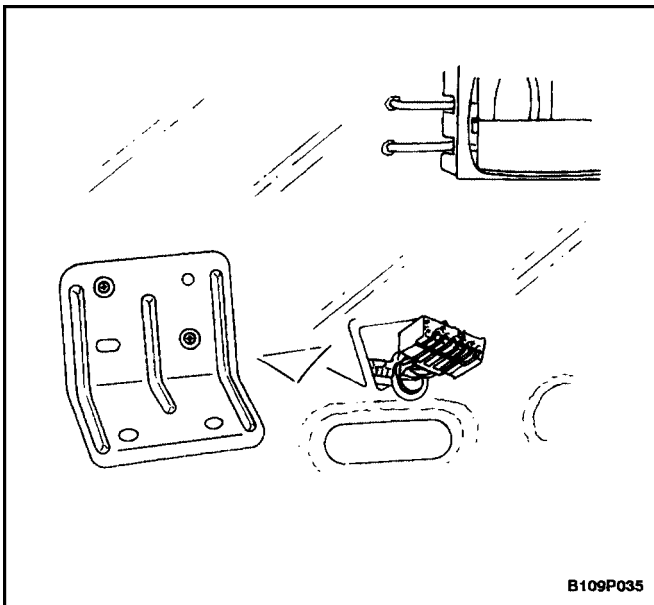
**Notice :** Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

3. Install the door pull bracket with the screws.

### Tighten

Tighten the door pull bracket screws to 3.5 N•m (31 lb-in).

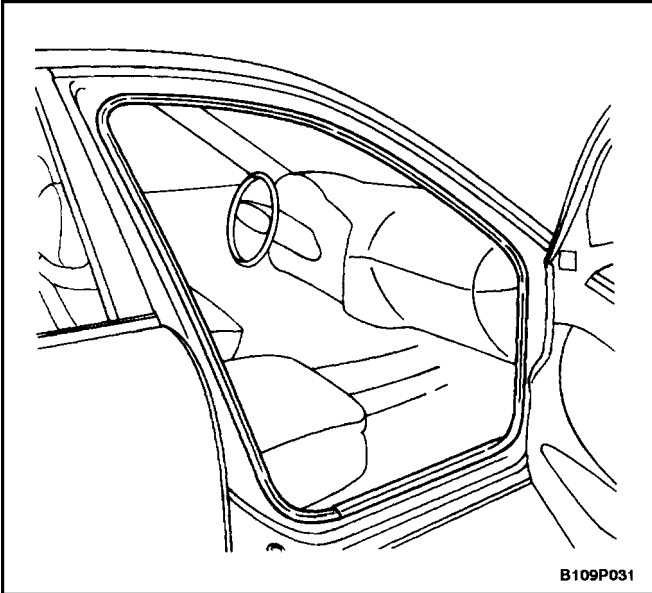
4. Install the door trim panel. Refer to *Section 9G, Interior Trim*.



## FRONT DOOR OPENING WEATHERSTRIP

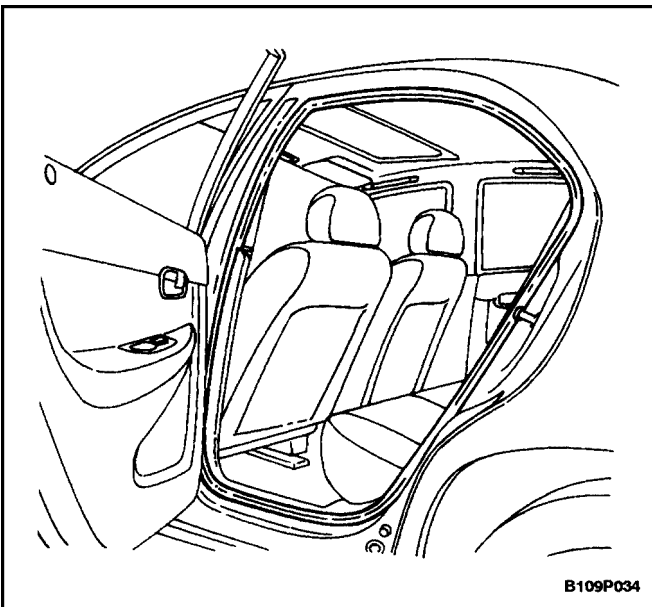
### Removal Procedure

1. Remove the kick panel, the front rocker panel, and the lower B-pillar trim panel. Refer to *Section 9G, Interior Trim*.
2. Remove the door opening weatherstrip.



### Installation Procedure

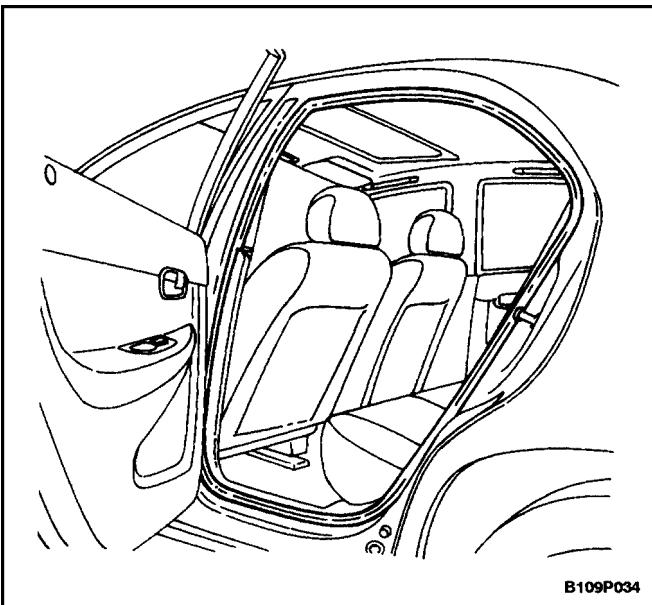
1. Install the door opening weatherstrip.
2. Install the kick panel, the front rocker panel, and the lower B-pillar trim panel. Refer to *Section 9G, Interior Trim*.



### REAR DOOR OPENING WEATHERSTRIP

#### Removal Procedure

1. Remove the rear rocker panel and the lower B-pillar trim panel. Refer to *Section 9G, Interior Trim*.
2. Remove the door opening weatherstrip.



### Installation Procedure

1. Install the door opening weatherstrip.
2. Install the rear rocker panel and the lower B-pillar trim panel. Refer to *Section 9G, Interior Trim*.

## GENERAL DESCRIPTION AND SYSTEM OPERATION

### DOOR LOCK STRIKER

The front and the rear door lock strikers each consist of a striker with two screws threaded into a floating cage plate in the B-pillars and the C-pillars. The door is secured in the closed position when the door lock fork snaps over and engages the striker.

### CHILDPROOF REAR DOOR LOCK

The childproof rear door locks help prevent passengers, especially children, from opening the rear doors of the vehicle from the inside.

To activate the locks, move the levers of both rear doors to the lock position. Then, close both doors. Rear passengers will be unable to open the doors from inside of the vehicle.

To deactivate the childproof rear door lock, unlock the door from the inside of the vehicle and open the door from the outside. Move the lever to the unlock position. The rear door will now work normally.

### POWER DOOR LOCKS

The power door locks use a solenoid that is contained in each door lock assembly. The door locks are activated by the actuator on the inside door handle or by the lock cylinder on the driver's side door only. When the driver's side door is locked or unlocked by the actuator or the lock cylinder, all the doors are locked or unlocked accordingly.

### POWER WINDOWS

The power windows are controlled by electrical switches on the door panels and are operated by a motor at each window regulator. Each door has a switch to control its window, and the driver's side door has four switches to control all door windows on the vehicle. The windows are lowered by pressing down on the switch and are raised by pulling up on the switch. The window will stop movement when the switch is released or when the window is completely open or closed.

The driver's side window operates automatically. By pressing and releasing the switch, the driver's side window will lower. It will stop only when the switch is activated again or when the window is completely open.

The driver's side door control also contains a button that, when pressed, will prevent the operation of the windows in the front passenger door or the rear door.