
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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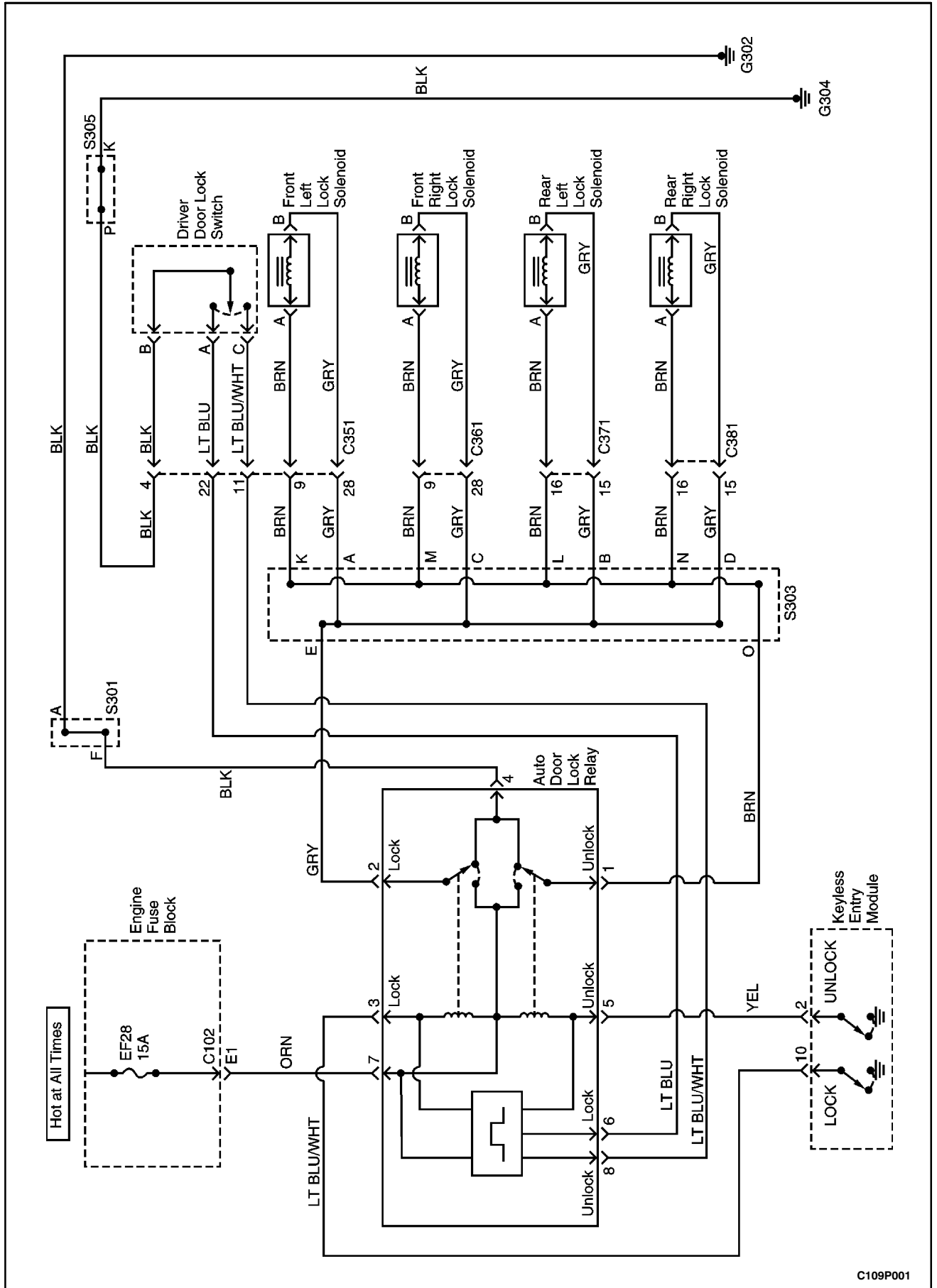
SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Application	N•m	Lb-Ft	Lb-In
Door Hinge-to-Body Bolts	39	29	-
Door Hinge-to-Door Bolts	20	15	-
Door Hold-Open Link-to-Body Bolt	25	18	-
Door Hold-Open Link-to-Door Bolts	7	-	62
Door Lock Striker Screws	20	15	-
Door Pull Bracket Screws	3	-	27
Front Door Lock Screws	8	-	71
Inside Door Handle Screw	3	-	27
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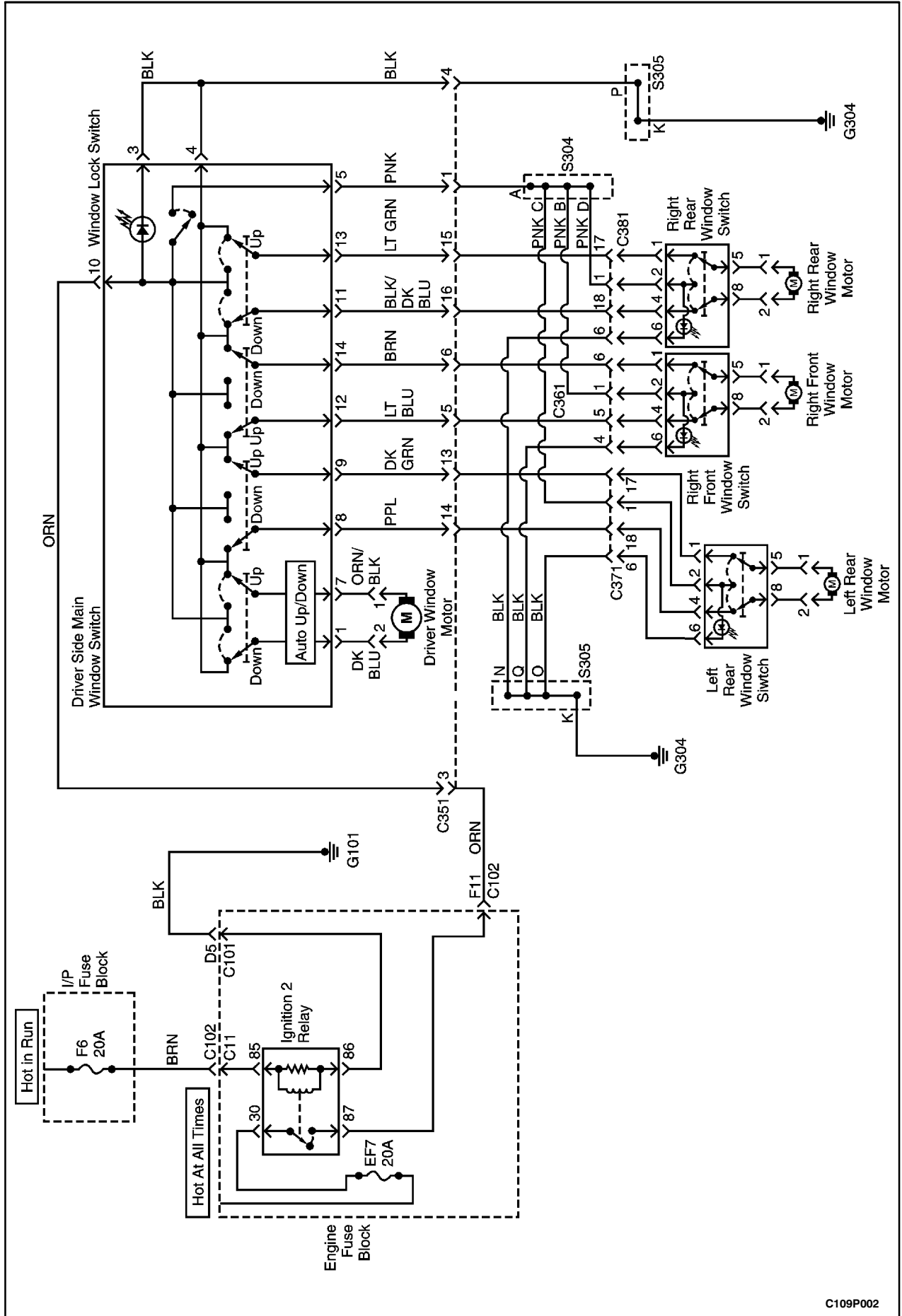
SCHEMATIC AND ROUTING DIAGRAMS

POWER DOOR LOCKS



C109P001

POWER WINDOWS
 (Left-Hand Drive Shown, Right-Hand Drive Similar)



C109P002

DIAGNOSIS

POWER DOOR LOCKS

Power Door Locks Do Not Operate At Any Door

Step	Action	Value	Yes	No
1	Check fuse EF28. Is fuse EF28 blown?	-	Go to Step 2	Go to Step 3
2	1. Check for a short circuit and repair it, if necessary. 2. Replace fuse EF28. 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 to Step 5	Go to Step 4
4	Repair the power supply circuit for fuse EF28. Is the repair complete?	-	System OK	-
5	Check the voltage at terminal 5 (ORN) of the door lock relay connector. Is the voltage equal to the specified value?	11-14 V	Go to Step 7	Go to Step 6
6	Repair the open circuit between fuse EF28 and terminal 5 (ORN) of the door lock relay connector. Is the repair complete?	-	System OK	-
7	Use an ohmmeter to check continuity between terminal 8 (BLK) of the door lock relay connector and ground. Does the ohmmeter indicate the specified value?	$\approx 0 \Omega$	Go to Step 9	Go to Step 8
8	Repair the open circuit between terminal 8 (BLK) of the door lock relay connector and ground. Is the repair complete?	-	System OK	-
9	1. Disconnect the 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 2 (GRY) of the door lock relay connector. 5. Apply the grounded jumper wire to terminal 3 (BRN) of the door lock relay connector. 6. Switch the jumper wires so that the positive jumper is connected to terminal 3 (BRN) and the grounded jumper is connected to terminal 2 (GRY). Do the doors lock and unlock when power and ground are applied to terminals 2 and 3 of the door lock relay connector?	-	Go to Step 11	Go to Step 10
10	Repair the open circuit between the door lock relay connector and S303. Is the repair complete?	-	System OK	-

Power Door Locks Do Not Operate At Any Door (Cont'd)

Step	Action	Value	Yes	No
11	<ol style="list-style-type: none"> 1. Raise the power window in the driver's door. 2. Disconnect the door lock connector at the top of the door lock. (There are three connectors on the door lock. Use the schematic to verify the correct connector.) 3. Use an ohmmeter to check continuity between terminal B (BLK) of the door lock switch connector and ground. Does the ohmmeter indicate the specified value?	$\approx 0 \Omega$	Go to <i>Step 13</i>	Go to <i>Step 12</i>
12	Repair the open circuit between the door lock switch connector terminal B (BLK) and ground. Is the repair complete?	-	System OK	-
13	<ol style="list-style-type: none"> 1. Make sure that the door lock relay connector is connected. 2. Touch a grounded jumper wire to terminal A (LT BLU) of the disconnected door lock switch connector. 3. Remove the grounded jumper wire and touch it to terminal C (LT BLU/WHT) of the disconnected door lock switch connector. Do the doors lock and unlock when terminals C and A are alternately grounded?	-	Go to <i>Step 14</i>	Go to <i>Step 15</i>
14	<ol style="list-style-type: none"> 1. Make sure all the lock rods are connected to the driver's door lock. 2. If no disconnected lock rods are located, replace the driver's 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.) Is the repair complete?	-	System OK	-
15	Use an ohmmeter to check the continuity between terminal A (LT BLU) of the disconnected door lock switch connector and terminal 6 (LT BLU) of the door lock relay connector. Does the ohmmeter indicate the specified value?	$\approx 0 \Omega$	Go to <i>Step 17</i>	Go to <i>Step 16</i>
16	Repair the open LT BLU wire. Is the repair complete?	-	System OK	-
17	Use an ohmmeter to check the continuity between terminal C (LT BLU/WHT) of the disconnected door lock switch connector and terminal 4 (LT BLU/WHT) of the door lock relay connector. Does the ohmmeter indicate the specified value?	$\approx 0 \Omega$	Go to <i>Step 19</i>	Go to <i>Step 18</i>
18	Repair the open LT BLU/WHT wire. Is the repair complete?	-	System OK	-
19	Replace the door lock relay. Is the repair complete?	-	System OK	-

POWER WINDOWS

Power Windows Do Not Operate

Step	Action	Value	Yes	No
1	1. Make sure the window lock switch on the driver's door is not engaged. 2. Test each of the power windows. Does any power window operate?	-	Go to <i>Step 7</i>	Go to <i>Step 2</i>
2	1. At the driver's door, remove the power window/power mirror switch retaining screw. 2. Lift up the power window switch so that the connector is exposed. 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 <i>Step 4</i>	Go to <i>Step 3</i>
3	Repair the open power supply circuit to the driver's door power window switch. Is the repair complete?	-	System OK	-
4	Use an ohmmeter to check continuity between ground and terminal 4 (BLK) of the driver's door power window switch connector. Does the ohmmeter indicate the specified value?	$\approx 0 \Omega$	Go to <i>Step 6</i>	Go to <i>Step 5</i>
5	Repair the open circuit between ground and terminal 4 (BLK) of the driver's door power window switch. Is the repair complete?	-	System OK	-
6	Replace the driver's door 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 that connects the window motor to 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. 7. Reverse the jumper wire connections. Does the window move up when the motor is powered directly by the battery, and down when the jumper connections are reversed?	-	Go to <i>Step 9</i>	Go to <i>Step 8</i>
8	Replace the window motor. Is the repair complete?	-	System OK	-
9	Check the operation of the windows. Is the driver's window the one that is inoperative?	-	Go to <i>Step 10</i>	Go to <i>Step 11</i>
10	Replace the driver's door power window switch. Is the repair complete?	-	System OK	-

Power Windows Do Not Operate (Cont'd)

Step	Action	Value	Yes	No
11	1. Make sure the window lock switch on the driver's door is not engaged. 2. Turn the ignition ON. 3. Backprobe to check the voltage at terminal 5 (PNK) of the driver's door power window switch. Is the voltage equal to the specified value?	11-14 V	Go to Step 12	Go to Step 10
12	1. Make sure the window lock switch on the driver's door is not engaged. 2. Turn the ignition ON. 3. Check the voltage at terminal 5 (PNK) of the window switch connector for the inoperative window. Is the voltage equal to the specified value?	11-14 V	Go to Step 14	Go to Step 13
13	Repair the open (PNK) wire between the window switch and the driver's door power window switch. Is the repair complete?	-	System OK	-
14	1. At the inoperative window switch, use an ohmmeter to check continuity between ground and terminal 1. 2. At the inoperative window switch, use an ohmmeter to check continuity between ground and terminal 4. When performing both ohmmeter tests, does the ohmmeter indicate the specified value?	$\approx 0 \Omega$	Go to Step 15	Go to Step 16
15	Replace the power window switch. Is the repair complete?	-	System OK	-
16	If one of the window switch wires tested in Step 15 does not show continuity with ground, use an ohmmeter to test the continuity of that wire between the window switch and the driver's door power window switch. Does the ohmmeter indicate the specified value?	$\approx 0 \Omega$	Go to Step 17	Go to Step 18
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 door power window switch. Is the repair complete?	-	System OK	-

MAINTENANCE AND REPAIR

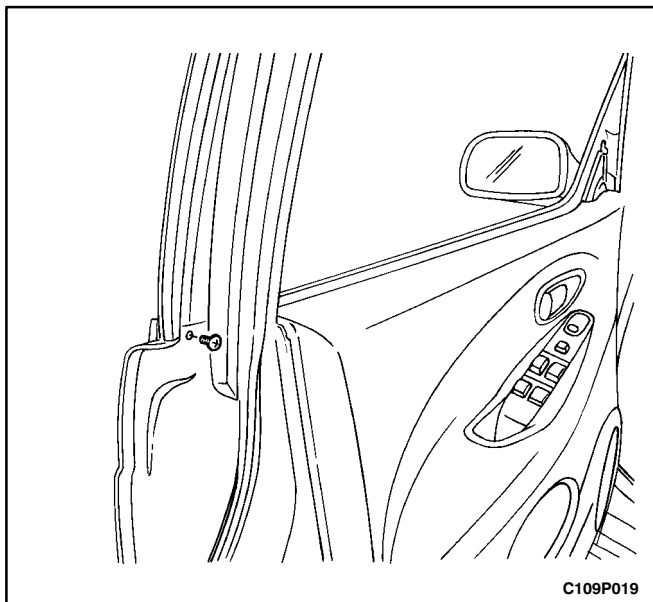
ON-VEHICLE SERVICE

OUTSIDE CHANNEL MOLDING

(Left-Hand Drive Shown, Right-Hand Drive Similar)

Removal Procedure

1. Lower the window completely.
2. Remove the outside channel molding screw. (Front door shown, rear door similar.)
3. Remove the outside rearview mirror. Refer to *Section 9L, Glass and Mirrors*.
4. Lift the outside channel molding off the door.



C109P019

Installation Procedure

1. Press the outside channel molding onto the door.

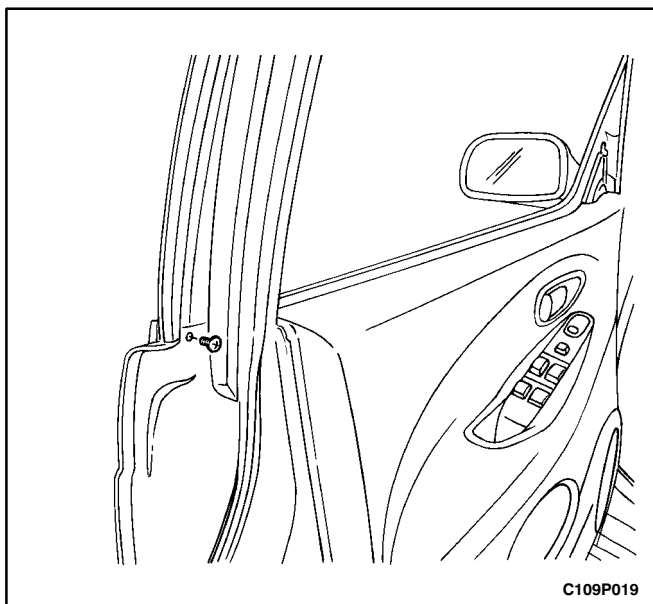
Notice: Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

2. Install the outside channel molding screw. (Front door shown, rear door similar.)

Tighten

Tighten the outside channel molding screw to 4 N•m (35 lb-in).

3. Install the outside rearview mirror. Refer to *Section 9L, Glass and Mirrors*.
4. Raise the window.

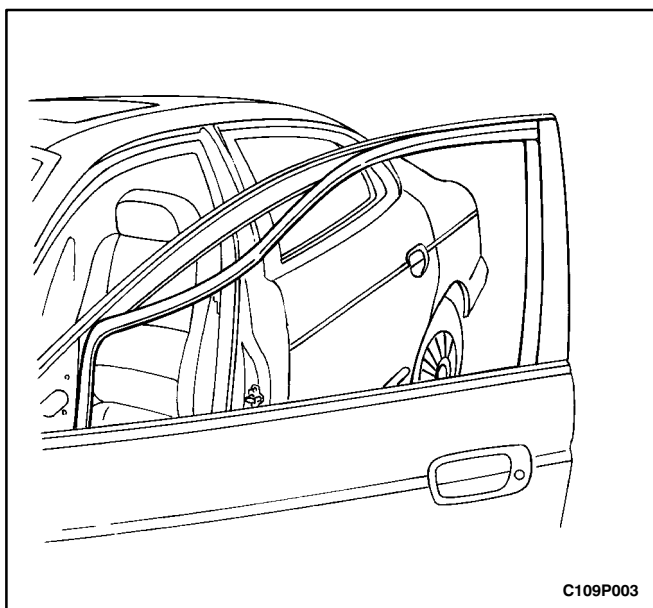


C109P019

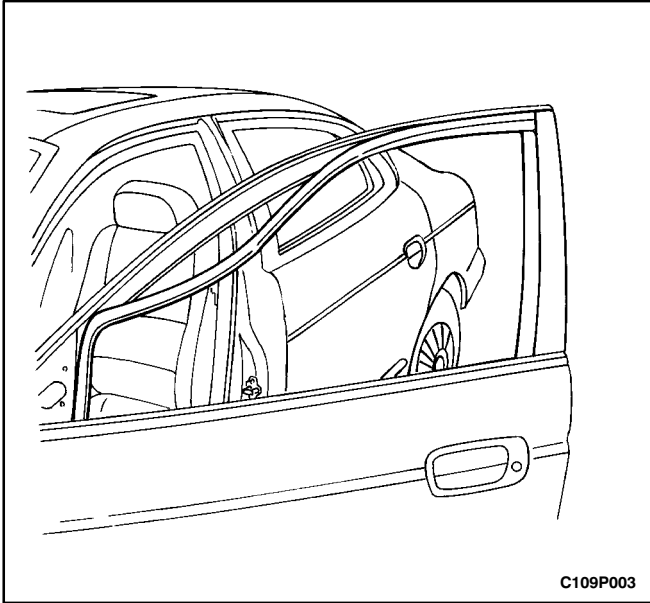
FRONT DOOR GLASS RUN

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.

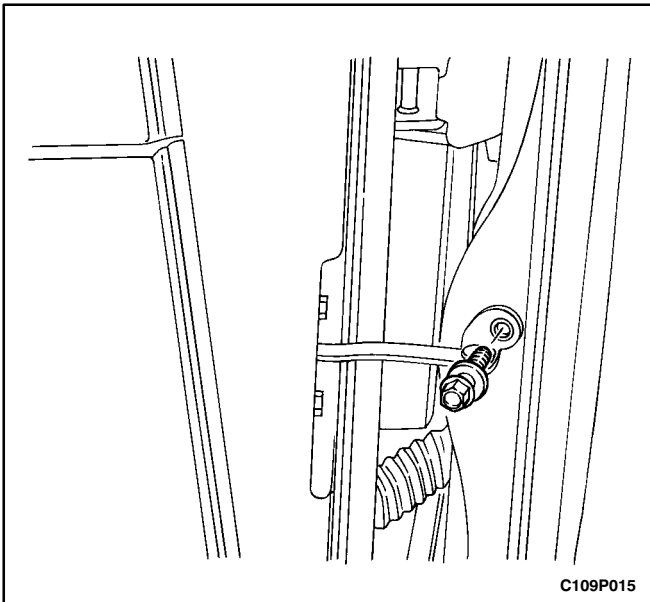


C109P003



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*.

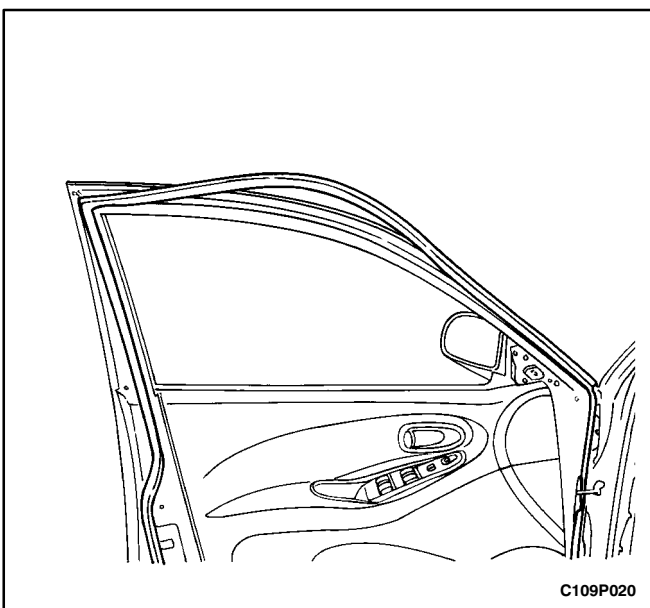


DOOR WEATHERSTRIP

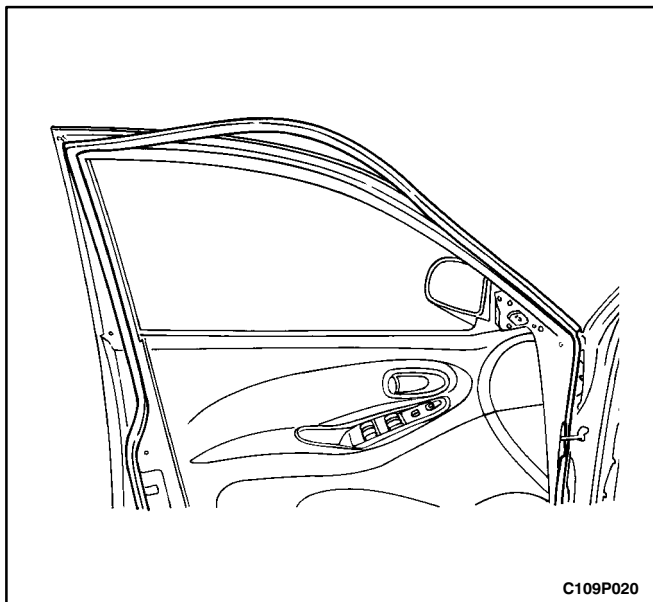
(Left-Hand Drive Shown, Right-Hand Drive Similar)

Removal Procedure

1. Remove the door hold-open link-to-body bolt and the door hold-open link. (Front door shown, rear door similar.)



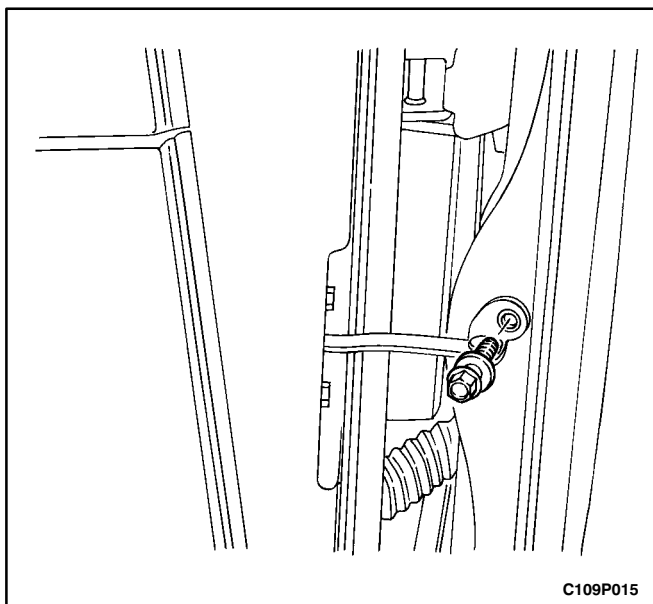
2. Remove the door weatherstrip. (Front door shown, rear door similar.)



C109P020

Installation Procedure

1. Install the door weatherstrip. (Front door shown, rear door similar.)



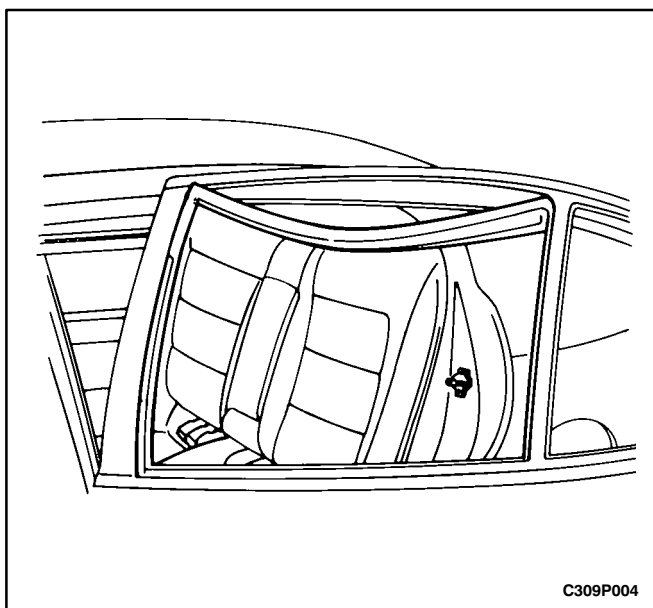
C109P015

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. (Front door shown, rear door similar.)

Tighten

Tighten the door hold-open link-to-body bolt to 25 N•m (18 lb-ft).

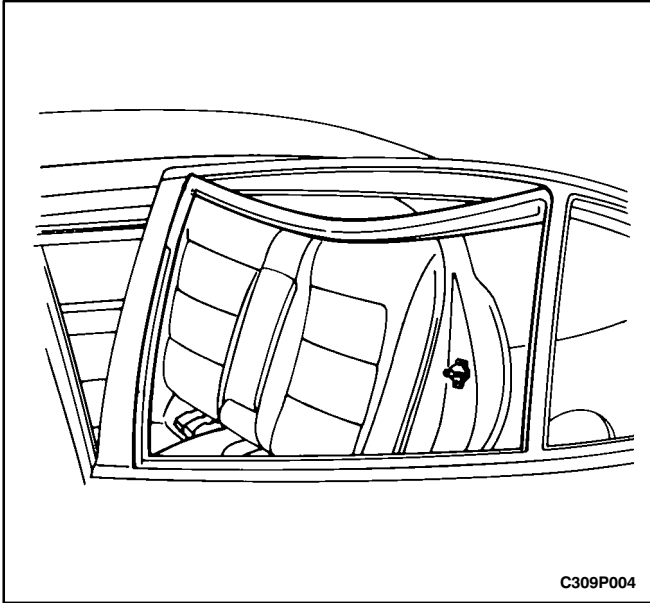


C309P004

REAR DOOR GLASS RUN

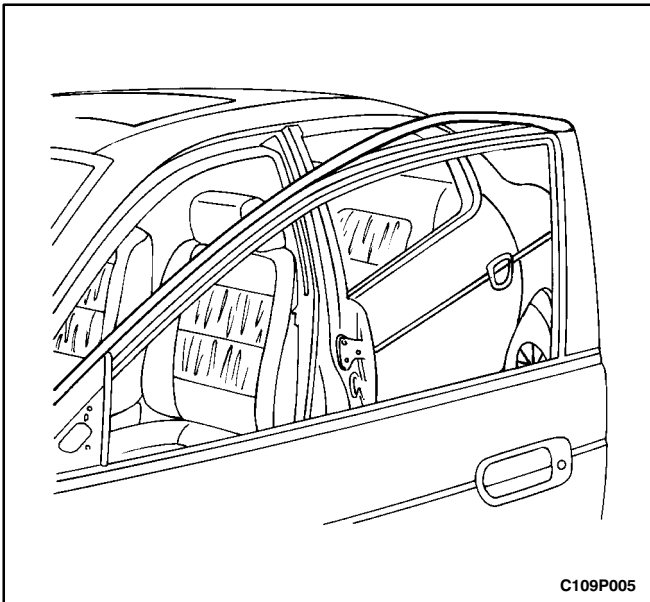
Removal Procedure

1. Remove the rear door glass. Refer to *Section 9L, Glass and Mirrors*.
2. Remove the rear door glass run.



Installation Procedure

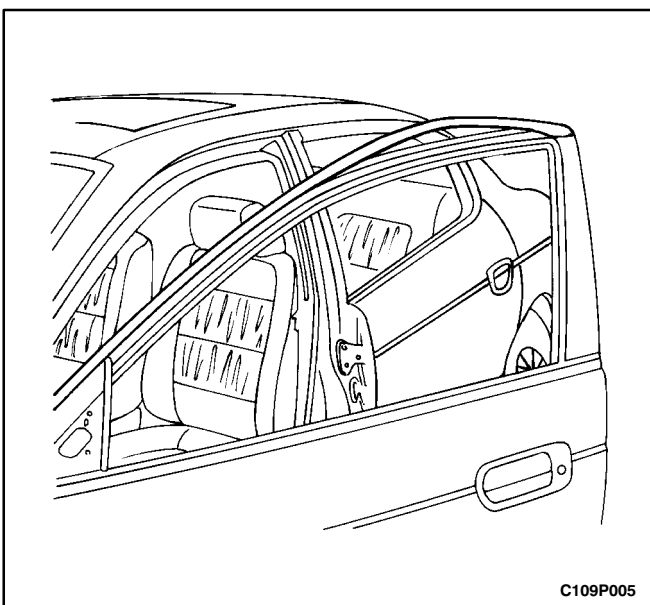
1. Install the rear door glass run.
2. Install the rear door glass. Refer to *Section 9L, Glass and Mirrors*.



FRONT DOOR SECONDARY WEATHERSTRIP

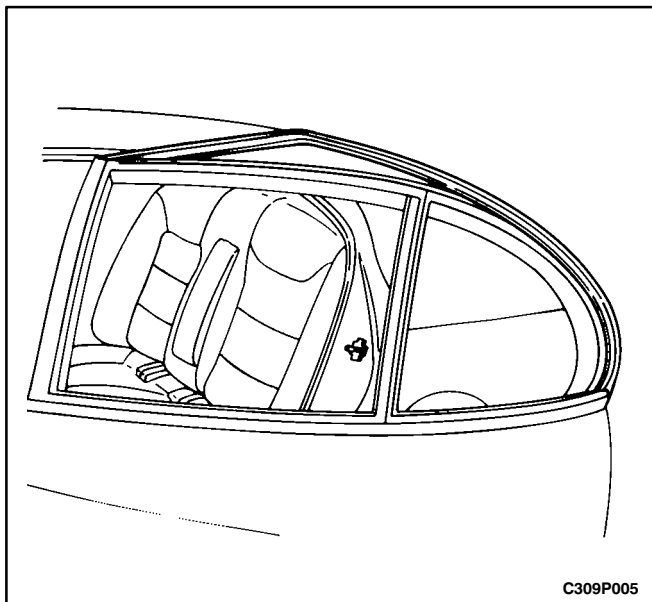
Removal Procedure

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



Installation Procedure

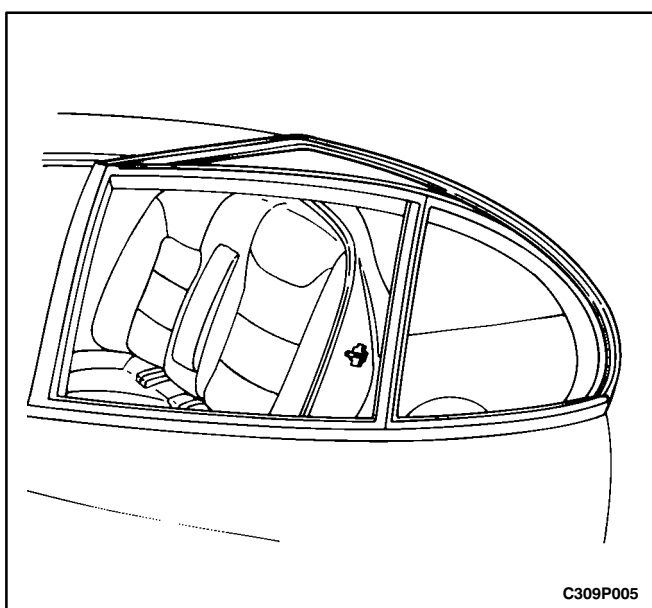
1. Install the front door secondary weatherstrip.
2. Install the outside rearview mirror. Refer to *Section 9L, Glass and Mirrors*.



REAR DOOR SECONDARY WEATHERSTRIP

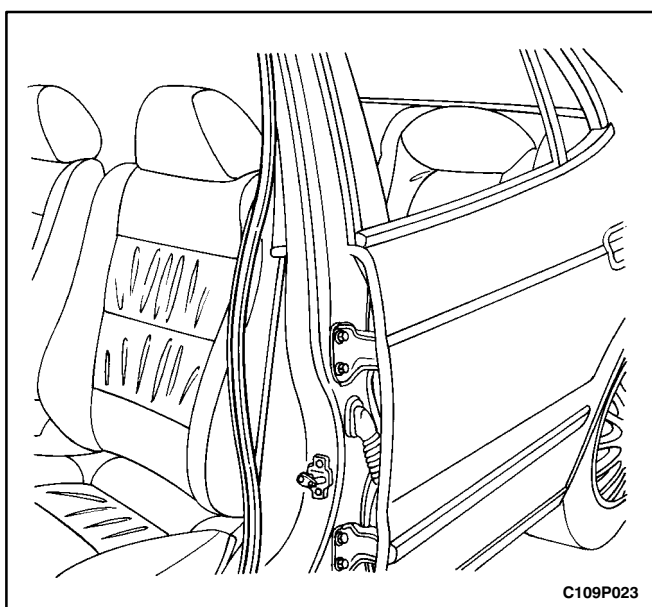
Removal Procedure

1. Remove the rear door secondary weatherstrip.



Installation Procedure

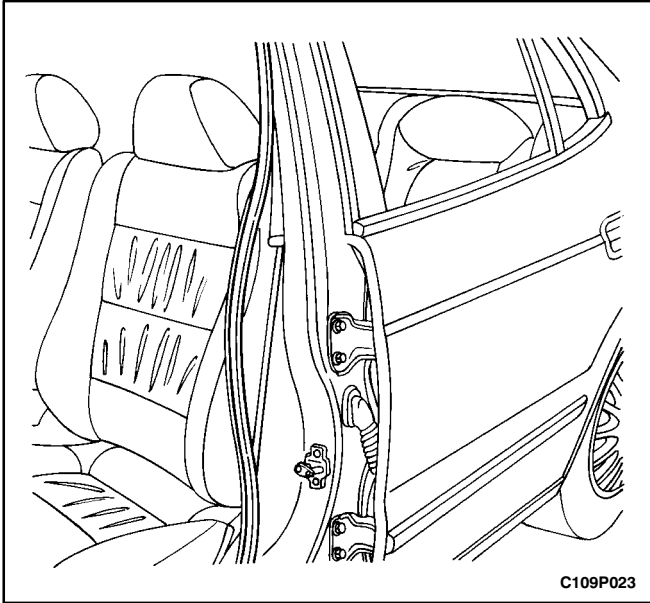
1. Install the rear door secondary weatherstrip.



FRONT DOOR OPENING WEATHERSTRIP

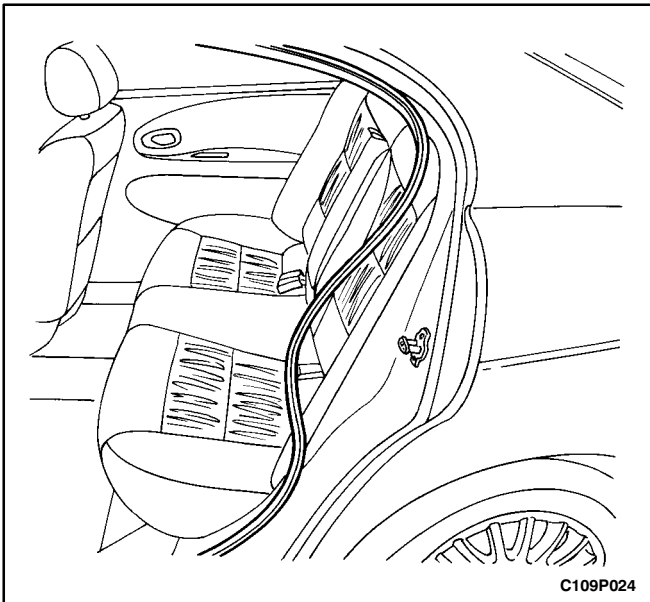
Removal Procedure

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 front door opening weatherstrip.



Installation Procedure

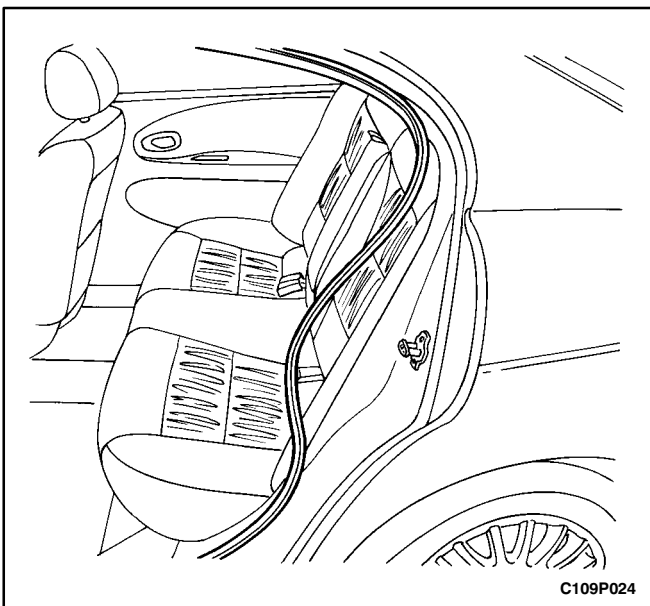
1. Install the front door opening weatherstrip.
2. Install the kick panel, the front rocker panel, and the lower B-pillar trim panel. Refer to *Section 9G, Interior Trim*.



REAR DOOR OPENING WEATHERSTRIP

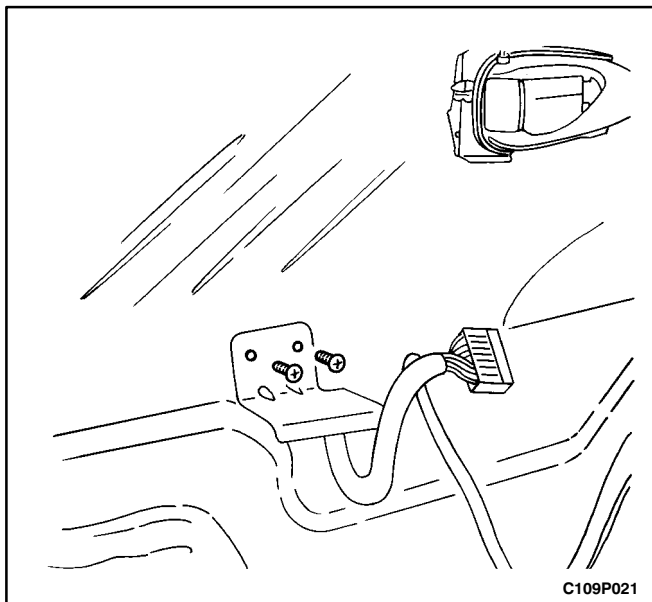
Removal Procedure

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



Installation Procedure

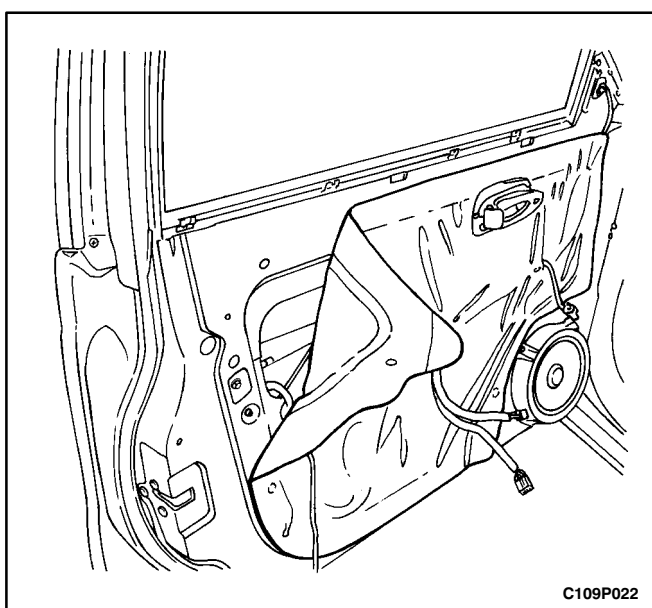
1. Install the rear door opening weatherstrip.
2. Install the rear rocker panel and the lower B-pillar trim panel. Refer to *Section 9G, Interior Trim*.



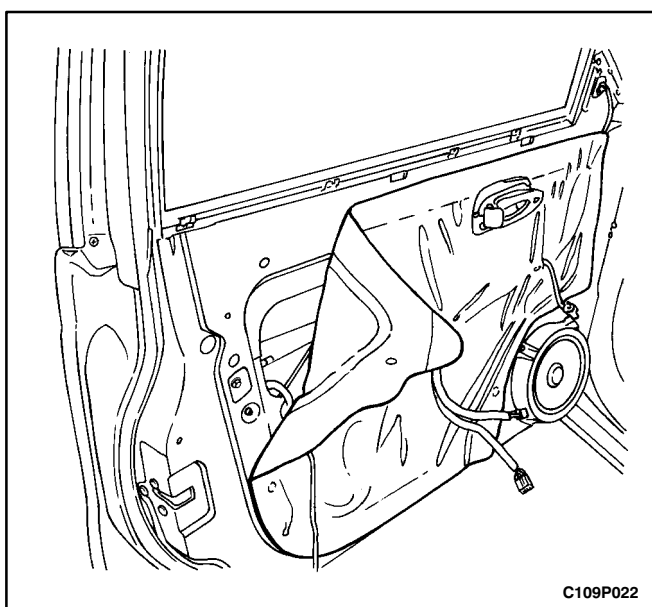
DOOR SEAL TRIM

Removal Procedure

1. Remove the door trim panel. Refer to *Section 9G, Interior Trim*.
2. Remove the screws and the door pull bracket. (Front door shown, rear door similar.)

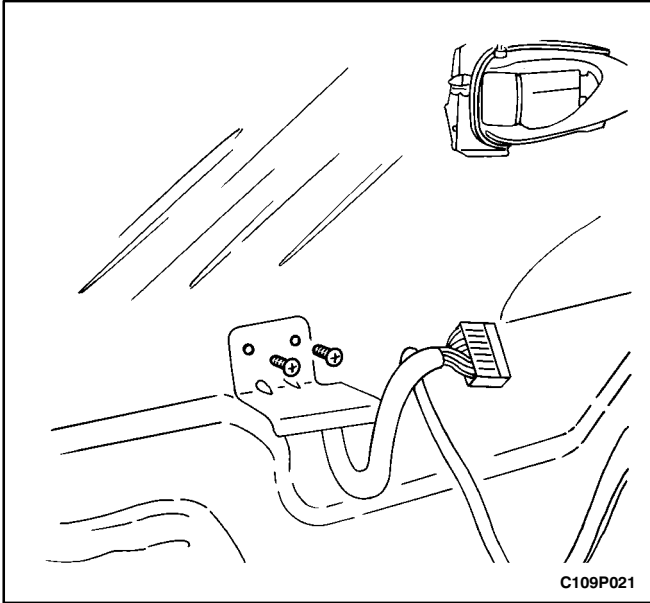


3. Remove the door seal trim. (Front door shown, rear door similar.)



Installation Procedure

1. Install the door seal trim. (Front door shown, rear door similar.)



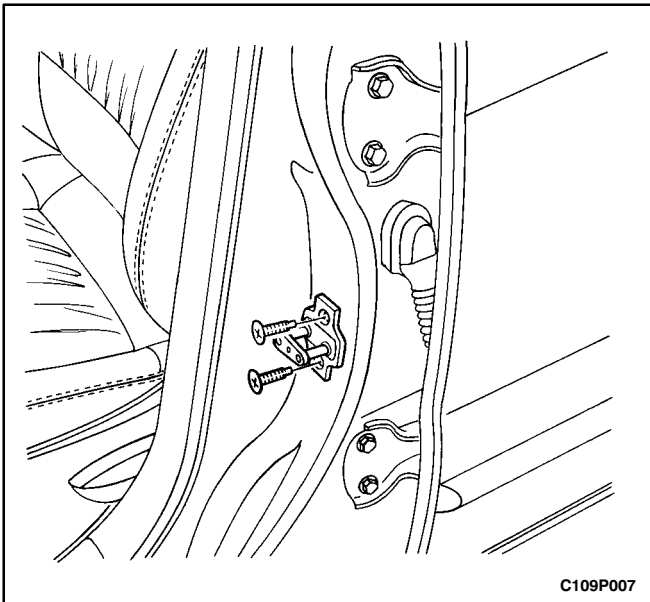
Notice: Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

2. Install the door pull bracket with the screws. (Front door shown, rear door similar.)

Tighten

Tighten the door pull bracket screws to 3 N•m (27 lb-in).

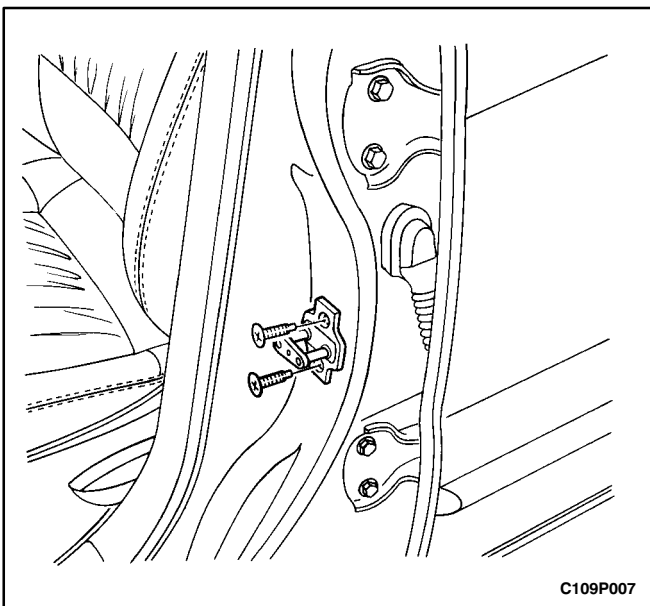
3. Install the door trim panel. Refer to *Section 9G, Interior Trim*.



DOOR LOCK STRIKER

Removal Procedure

1. Remove the screws and the door lock strikers. (Front door shown, rear door similar.)



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 strikers. (Front door shown, rear door similar.)

Tighten

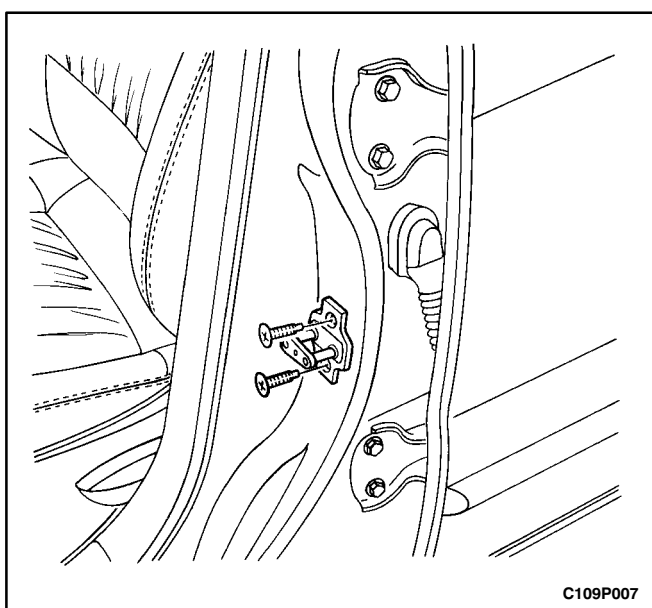
Tighten the door lock striker screws to 20 N•m (15 lb-ft).

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 and out or up and 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. It 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.
- 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:

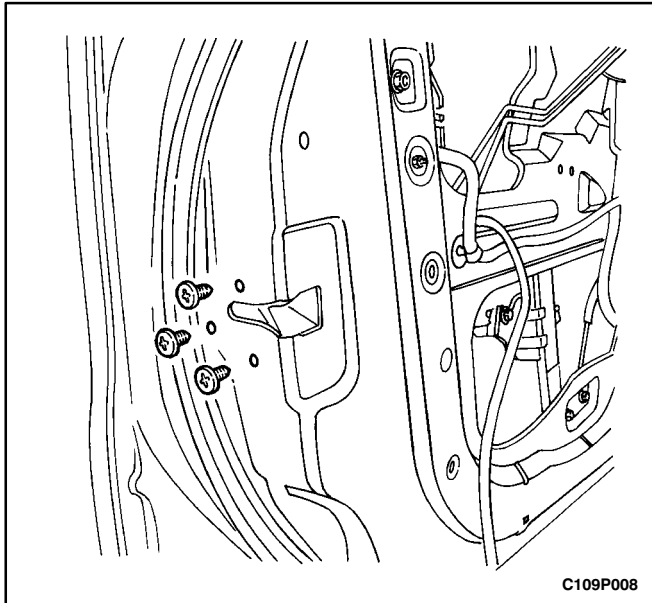
1. The door must be properly aligned.
2. Loosen the striker screws. (Front door shown, rear door similar.)
3. The floating cage plate can be moved slightly using the ends of the striker screws. Move the floating cage plate to the desired position.

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

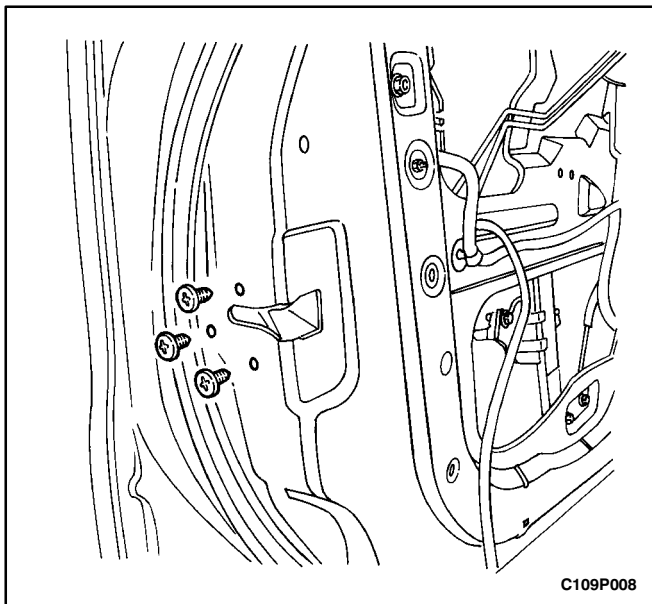
Tighten the door lock striker screws to 20 N•m (15 lb-ft).



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. Remove the screws and the front door lock.
4. Disconnect the lock rods.
5. Disconnect the electrical connector.



Installation Procedure

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

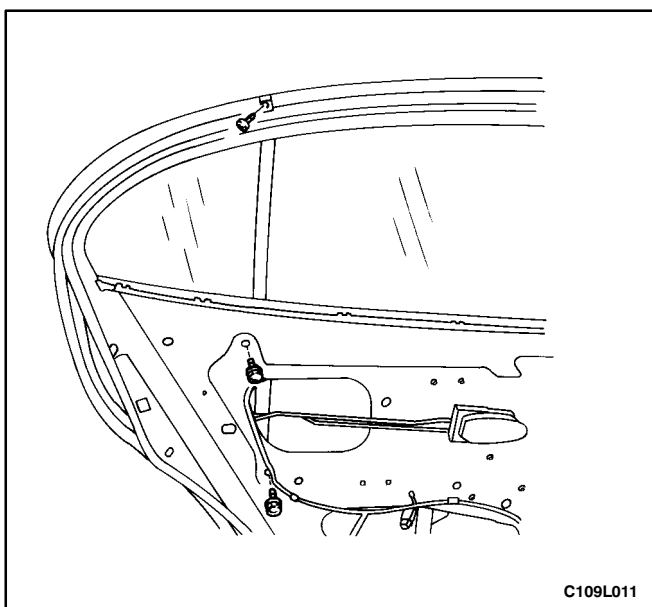
Notice: Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

3. Install the front door lock with the screws.

Tighten

Tighten the front door lock screws to 8 N•m (71 lb-in).

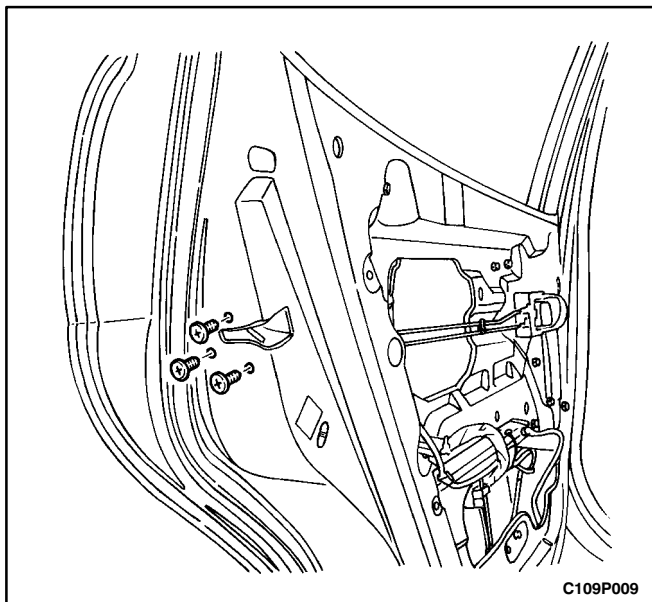
4. Install the seal trim. Refer to "Door Seal Trim" in this section.
5. Connect the negative battery cable.



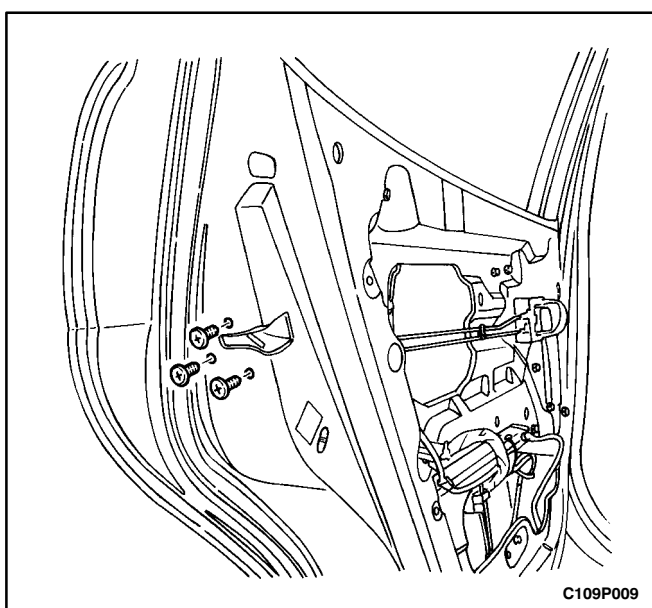
CHILDPROOF REAR DOOR LOCK

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the door seal trim. Refer to "Door Seal Trim" in this section.
3. Remove the screw and the guide rail.



4. Remove the door lock screws.
5. Disconnect the lock rods.
6. Remove the door lock.
7. Disconnect the electrical connector.



Installation Procedure

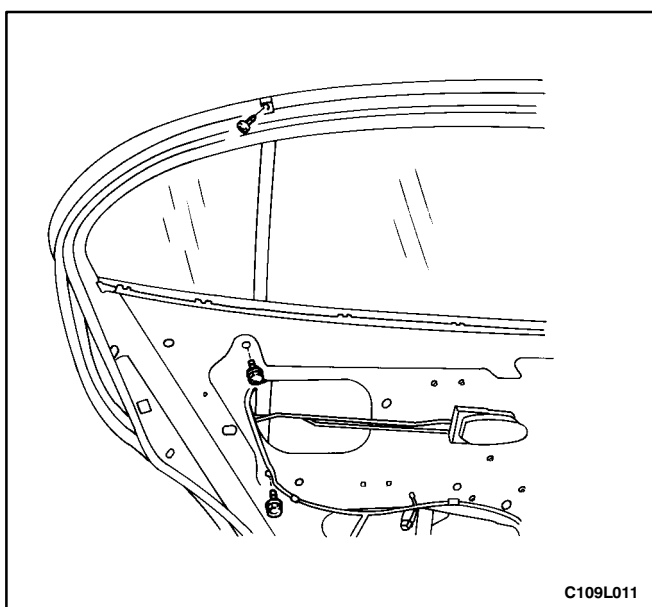
1. Connect the electrical connector.

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

2. Install the rear door lock with the screws.

Tighten

Tighten the rear door lock screws to 8 N•m (71 lb-in).



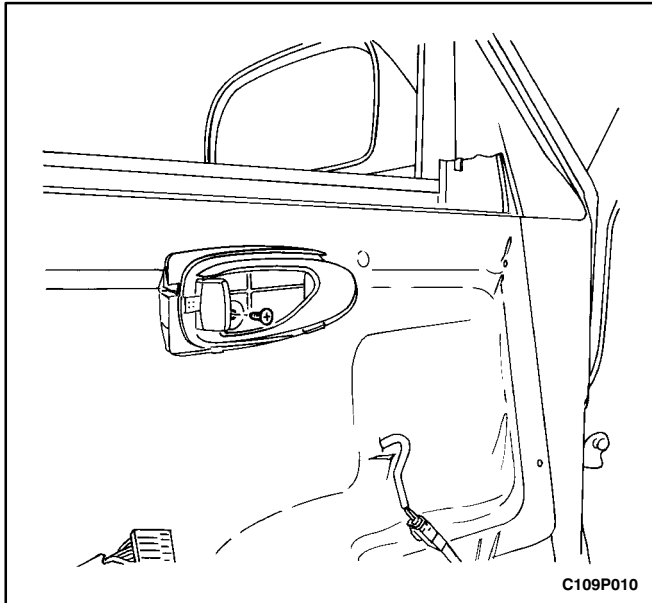
3. Install the lock rods.
4. Install the guide rail with the bolts and the screw.

Tighten

Tighten the rear door guide rail screw to 4 N•m (35 lb-in).

Tighten the rear door guide rail bolts to 7 N•m (62 lb-in).

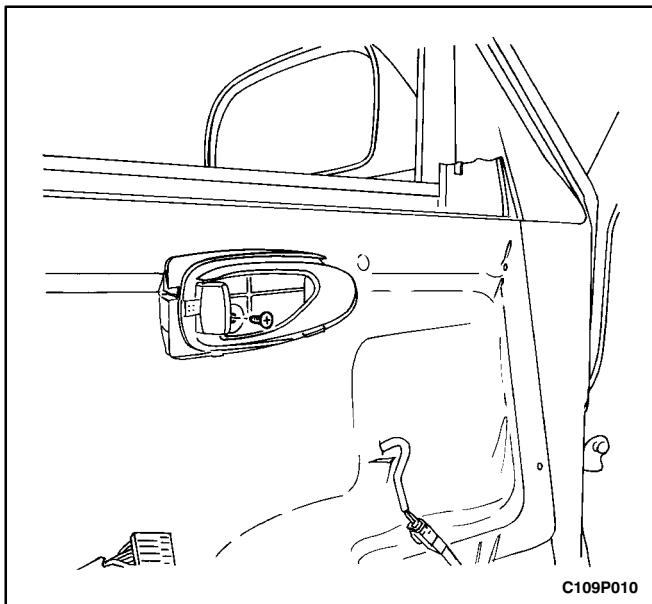
5. Install the door seal trim. Refer to "Door Seal Trim" in this section.
6. Connect the negative battery cable.



INSIDE DOOR HANDLE

Removal Procedure

1. Remove the door trim. Refer to *Section 9G, Interior Trim*.
2. Remove the screw that secures the door handle to the door.
3. Slide the door handle rearward and remove it from the door. (Front door shown, rear door similar.)
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. (Front door shown, rear door similar.)
3. Slide the door handle forward.

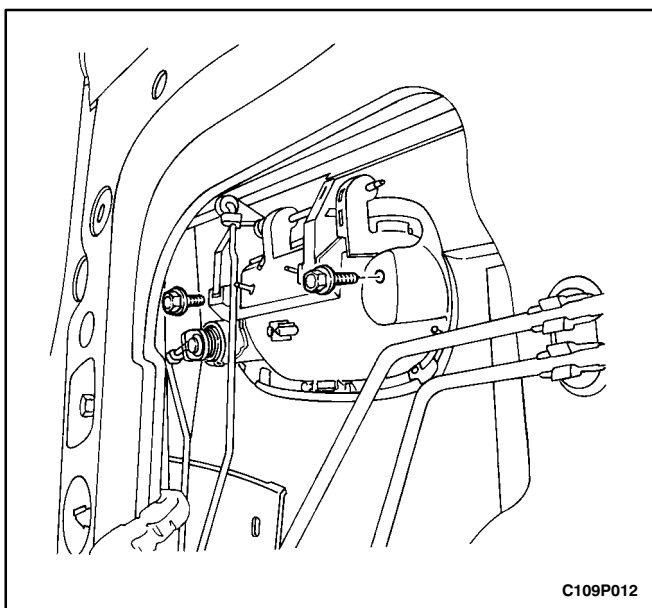
Notice: Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

4. Install the inside door handle screw.

Tighten

Tighten the inside door handle screw to 3 N•m (27 lb-in).

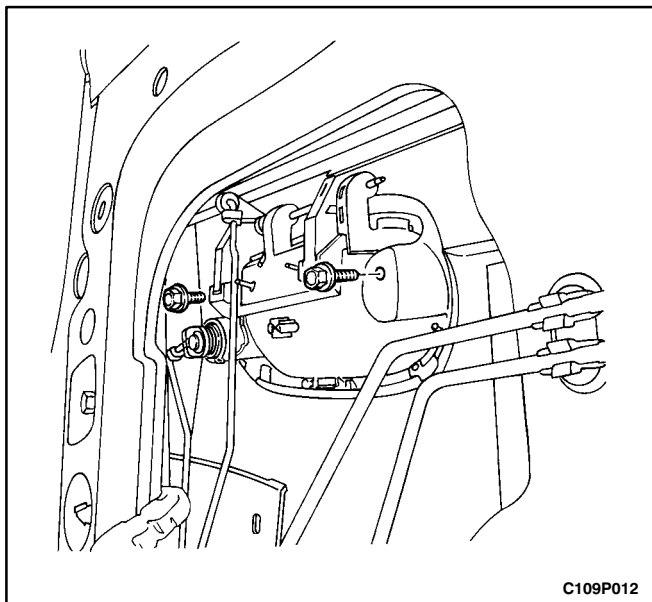
5. Install the door seal trim. Refer to *Section 9G, Interior Trim*.



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. (Front door shown, rear door similar.)



C109P012

Installation Procedure

1. Connect the outside door handle and the lock rods. (Front door shown, rear door similar.)

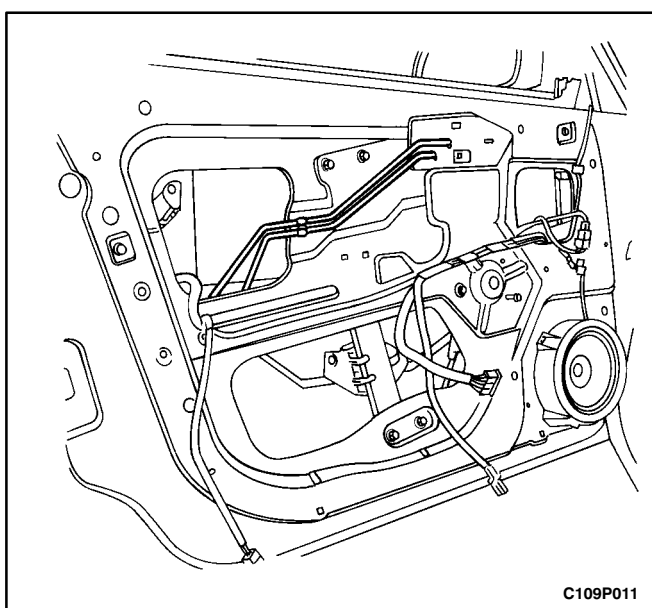
Notice: Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

2. Install the door handle with the bolts.

Tighten

Tighten the outside door handle bolts to 4.5 N•m (40 lb-in).

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

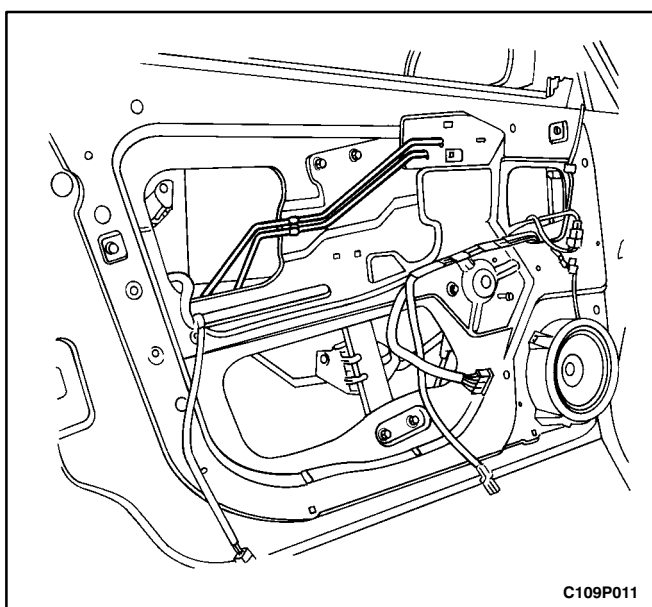


C109P011

INSIDE LOCK ROD

Removal Procedure

1. Remove the door seal trim. Refer to "Door Seal Trim" in this section.
2. Remove the inside door handle. Refer to "Inside Door Handle" in this section.
3. Disconnect the inside lock rods from the lock. (Front door shown, rear door similar.)



C109P011

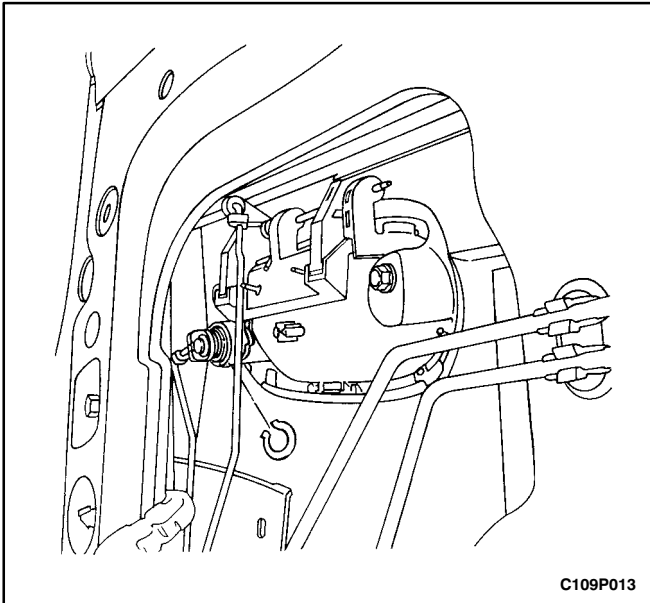
Installation Procedure

1. Connect the inside lock rods to the lock. (Front door shown, rear door similar.)
2. Install the inside door handle. Refer to "Inside Door Handle" in this section.
3. Install the door seal trim. Refer to "Door Inside Trim" in this section.

DOOR LOCK CYLINDER

Removal Procedure

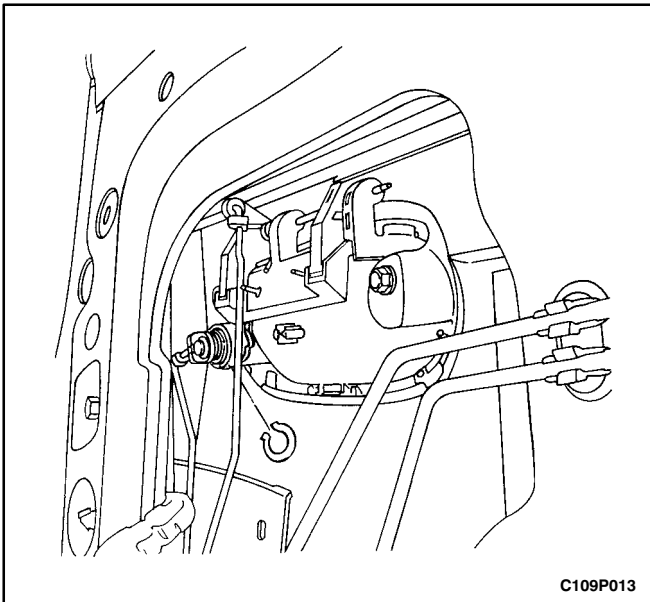
1. Remove the door seal trim. Refer to "Door Seal Trim" in this section.
2. Disconnect the outside door handle lock rod.
3. Remove the retaining clip and the lock cylinder. (Front door shown, rear door similar.)



C109P013

Installation Procedure

1. Install the lock cylinder with the retaining clip. (Front door shown, rear door similar.)
2. Connect the outside door handle lock rod.
3. Install the door seal trim. Refer to "Door Seal Trim" in this section.

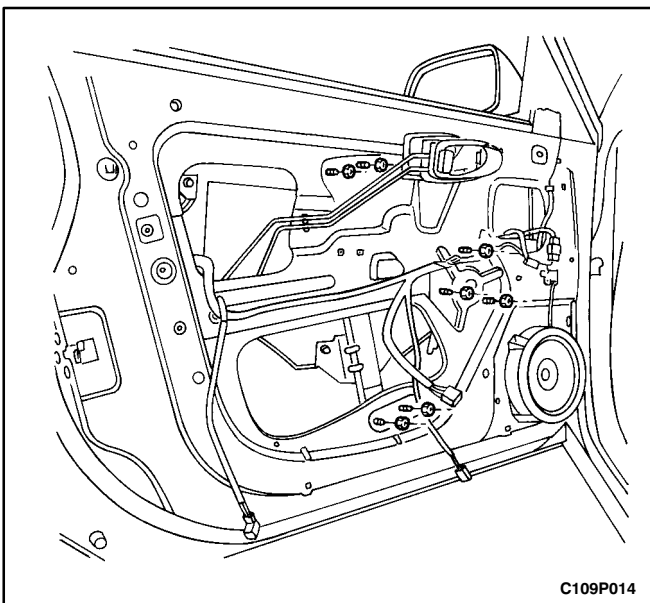


C109P013

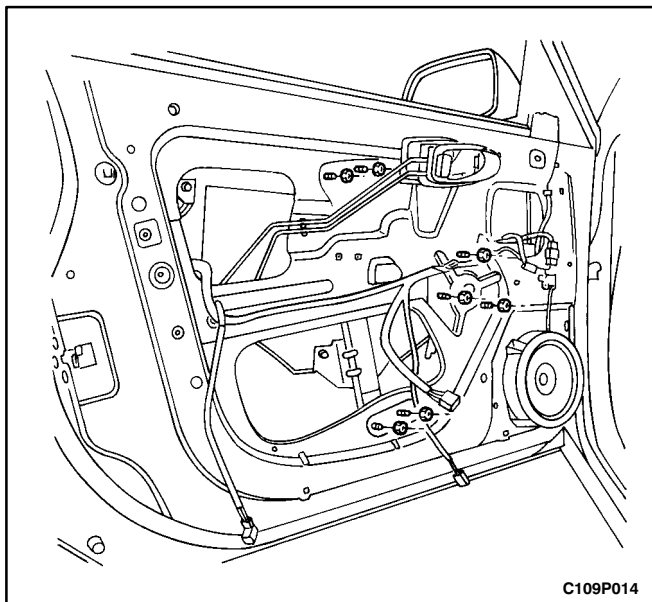
POWER WINDOW REGULATOR

Removal Procedure

1. Disconnect the negative battery cable.
2. Remove the door glass. Refer to *Section 9L, Glass and Mirrors*.
3. Disconnect the electrical connector.
4. Remove the nuts and the window regulator. (Front door shown, rear door similar.)



C109P014



Installation Procedure

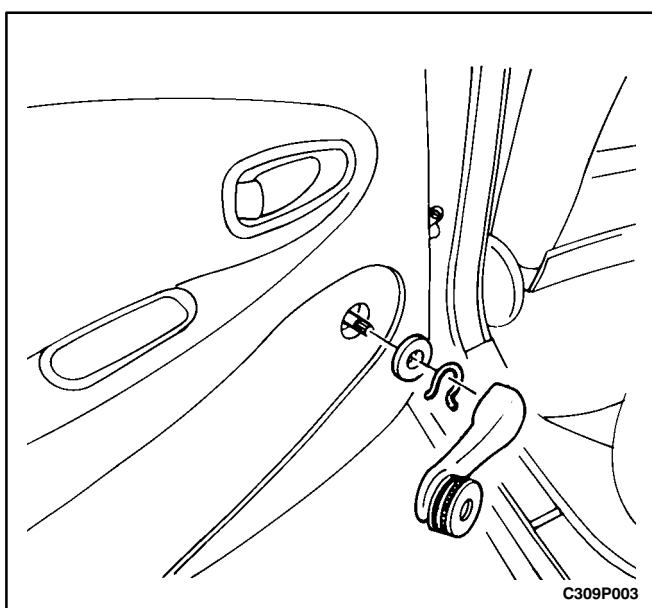
Notice: Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

1. Install the window regulator with the nuts. (Front door shown, rear door similar.)

Tighten

Tighten the window regulator nuts to 7 N•m (62 lb-in).

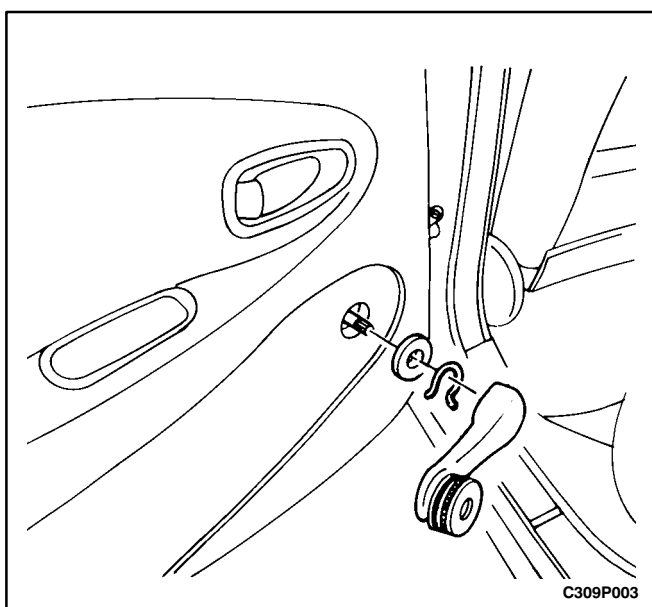
2. Connect the electrical connector.
3. Install the door glass. Refer to *Section 9L, Glass and Mirrors*.
4. Connect the negative battery cable.



MANUAL REAR WINDOW REGULATOR HANDLE

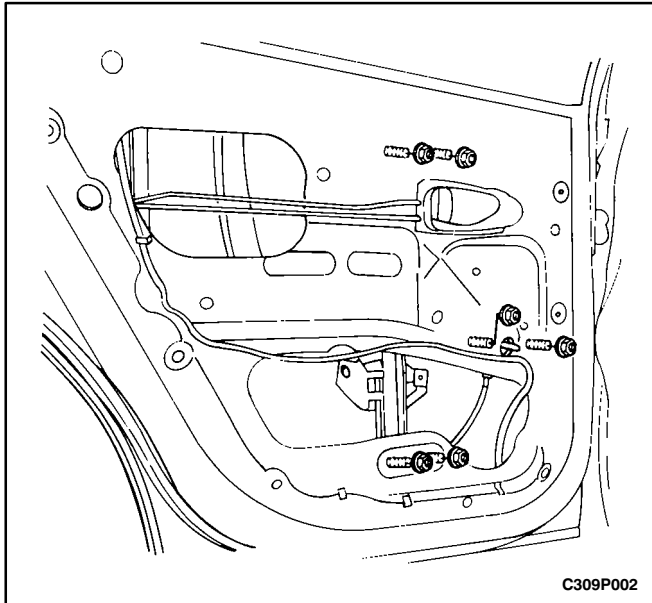
Removal Procedure

1. Push the plastic ring behind the window regulator handle toward the door to reveal the metal clip.
2. Pry off the metal clip.
3. Remove the window regulator handle and the plastic ring.



Installation Procedure

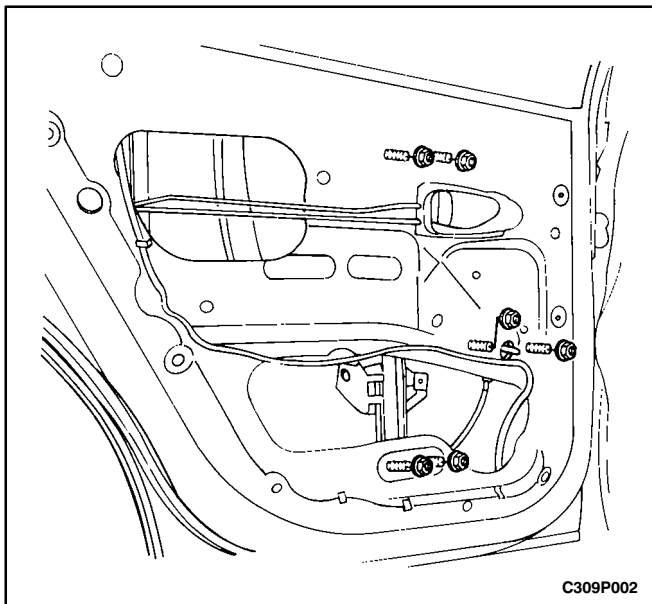
1. Install the plastic ring.
2. Install the window regulator handle.
3. Insert the metal clip.



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

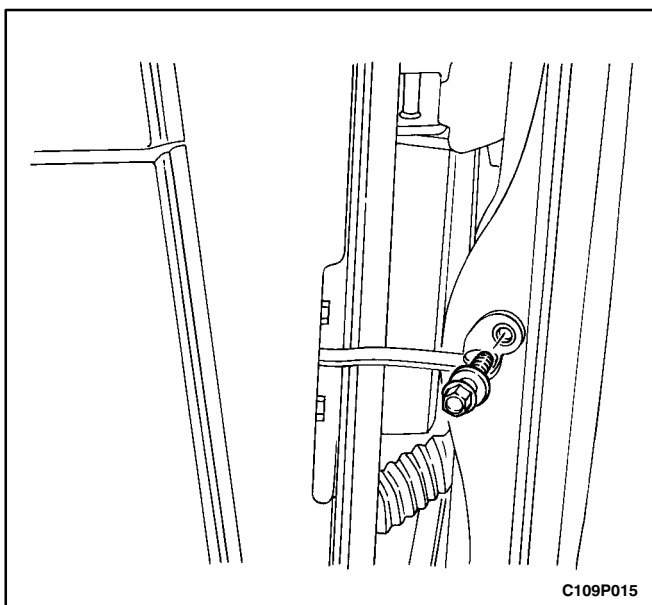
Notice: Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

1. Install the window regulator with the nuts.

Tighten

Tighten the window regulator nuts to 7 N•m (62 lb-in).

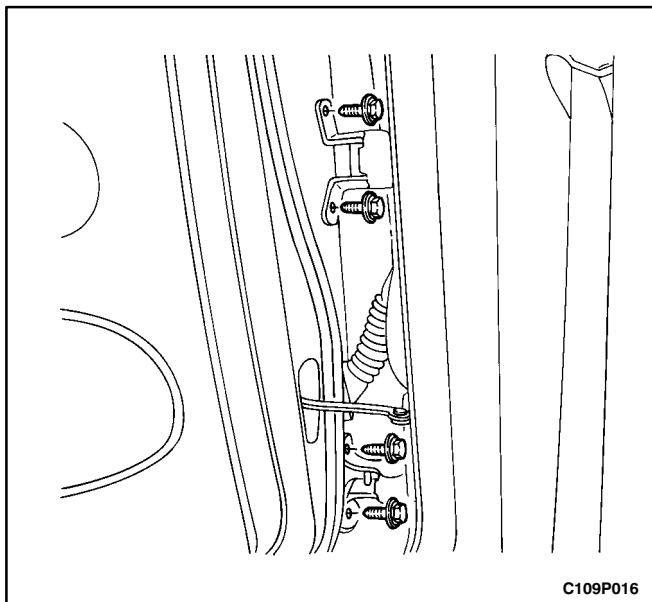
2. Install the rear door glass. Refer to *Section 9L, Glass and Mirrors*.
3. Install the regulator handle. Refer to "Manual Rear Window Regulator Handle" in this section.



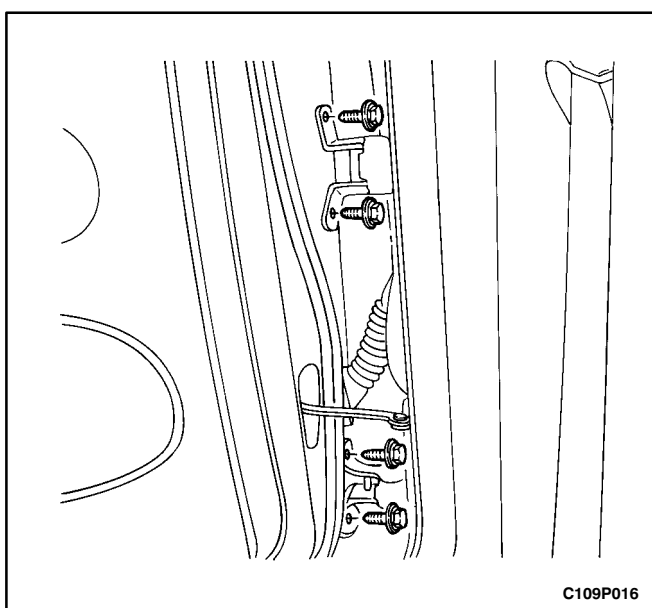
DOOR ASSEMBLY

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. (Front door shown, rear door similar.)
4. Disconnect the body-to-door rubber grommet and the electrical connector.



Installation Procedure

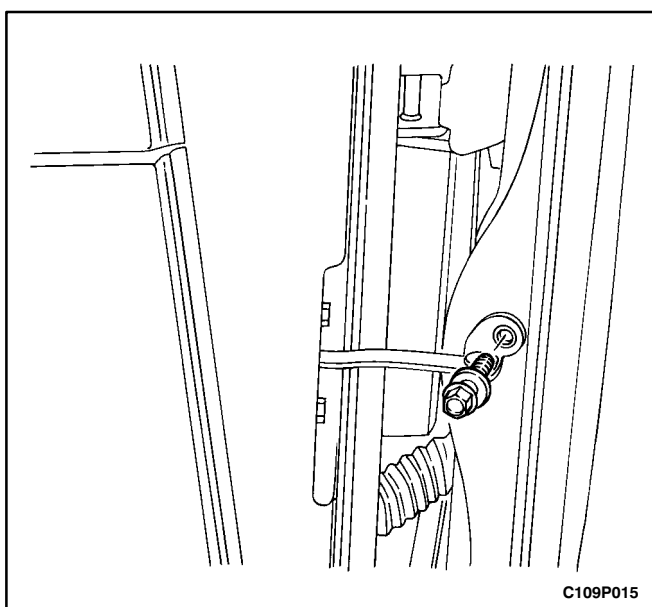
1. Connect the electrical connector and the body-to-door rubber grommet.

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. (Front door shown, rear door similar.)
3. Adjust the door for proper fit.

Tighten

Tighten the door hinge-to-body bolts to 39 N•m (29 lb-ft).



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

Tighten

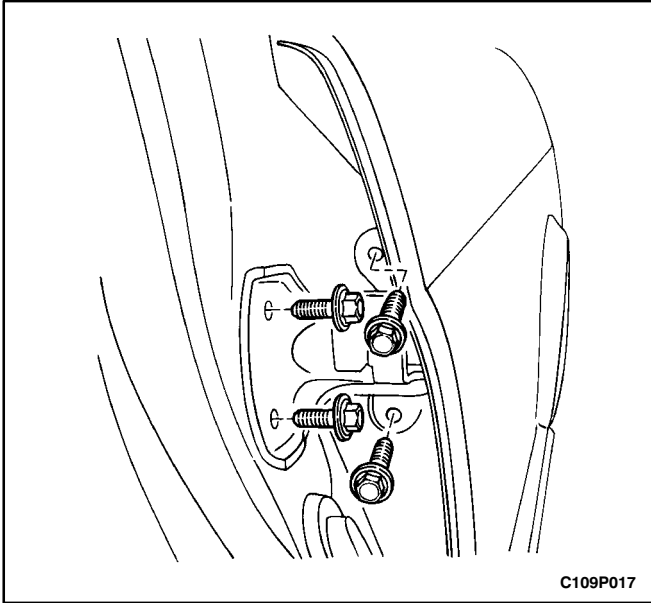
Tighten the door hold-open link-to-body bolt to 25 N•m (18 lb-ft).

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. (Rear door shown, front door similar.)



Installation Procedure

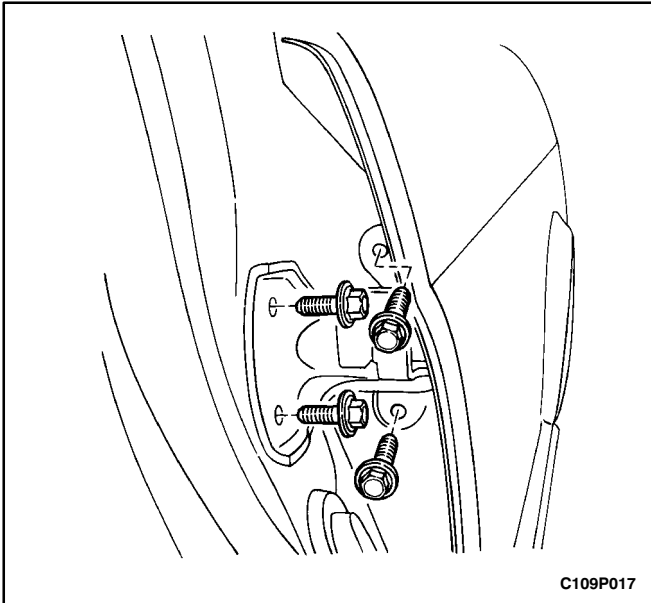
Notice: Dissimilar metals in direct contact with each other may corrode rapidly. Make sure to use the correct fasteners to prevent premature corrosion.

1. With the aid of another technician, install the hinge to the door and the body with the bolts. (Rear door shown, front door similar.)

Tighten

Tighten the door hinge-to-body bolts to 39 N•m (29 lb-ft).

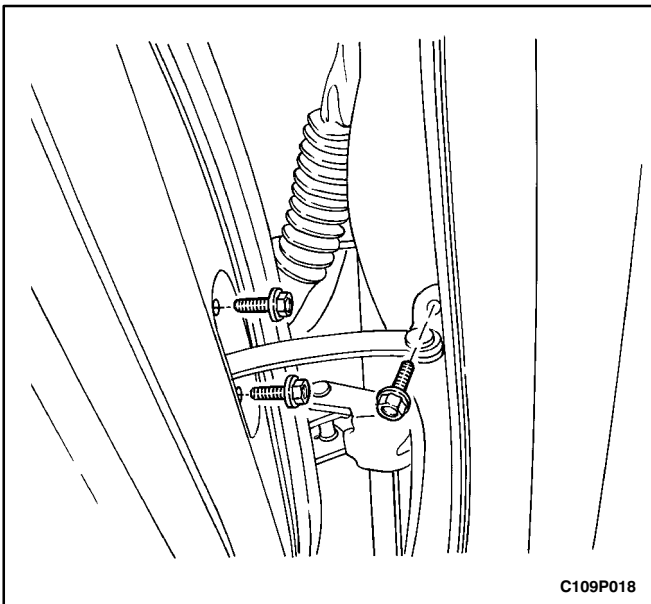
Tighten the door hinge-to-door bolts to 20 N•m (15 lb-ft).

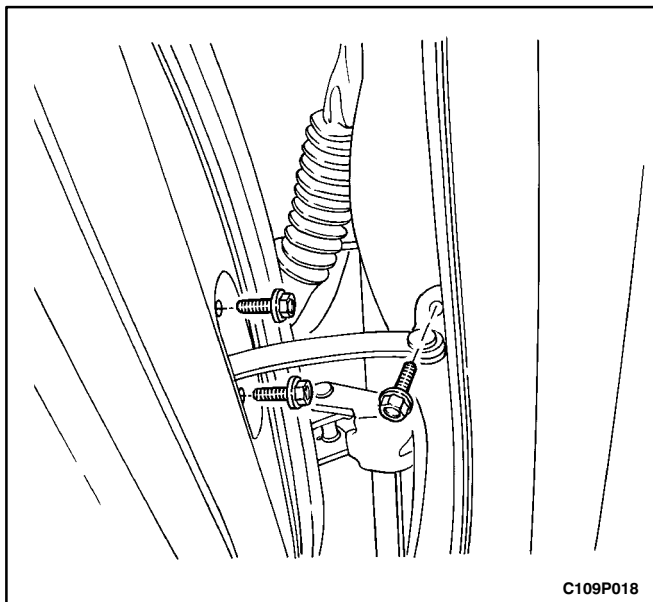


DOOR HOLD-OPEN LINK

Removal Procedure

1. Remove the door seal trim. Refer to "Door Seal Trim" in this section.
2. Remove the bolts on the door and on the body.
3. Remove the door hold-open link. (Front door shown, rear door similar.)





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. (Front door shown, rear door similar.)

Tighten

Tighten the door hold-open link-to-body bolt to 25 N•m (18 lb-ft).

Tighten the door hold-open link-to-door bolts to 7 N•m (62 lb-in).

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

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 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.

In order to activate these 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.

In order 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 door only. When the driver's door is locked or unlocked by the actuator or lock cylinder, all 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 door has four switches to control all door windows on the vehicle. The windows are lowered by pressing the switch and 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 window lowers automatically. By pressing and releasing the switch, the driver's window will lower and will stop only when the switch is activated again or when the window is completely open.

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

MANUAL REAR WINDOWS

Each manual rear window is controlled by rotating a handle that is located on the rear door panel. The rear window handle is connected to the window regulator, which raises and lowers the window.