



NUMBER: 23-023-05

GROUP: Body

DATE: April 19, 2005

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SUBJECT:

Door Glass - Loose, Sticks, Binds, Tracks Poorly, And/Or Causes A Moan-Like Sound

OVERVIEW:

This bulletin involves inspecting and correcting several possible door glass issues.

MODELS:

2005 (WK/WH) Grand Cherokee

NOTE: This bulletin applies to vehicles built prior to May 01, 2005 (MDH 0501XX).

SYMPTOM/CONDITION:

The customer may experience one or more of the following door glass conditions:

- **Moan-like sound when the door glass is in operation.** This condition occurs when the glass is moved downward. This condition may be due to the door inner belt line molding - secondary (lower) seal. The secondary seal may turn under as the glass moves downward.
- **Door glass sticks, track poorly, pivots, or falls down inside door.** This condition may be due to the glass not being installed correctly to the window regulator clamps.
- **Door glass binds or tracks poorly.** This condition may be due to the glass not being properly adjusted to the door or loose window hardware.

DIAGNOSIS:

If one or more of the above conditions are present, perform the Repair Procedure to the specific door that has the condition(s).

PARTS REQUIRED:

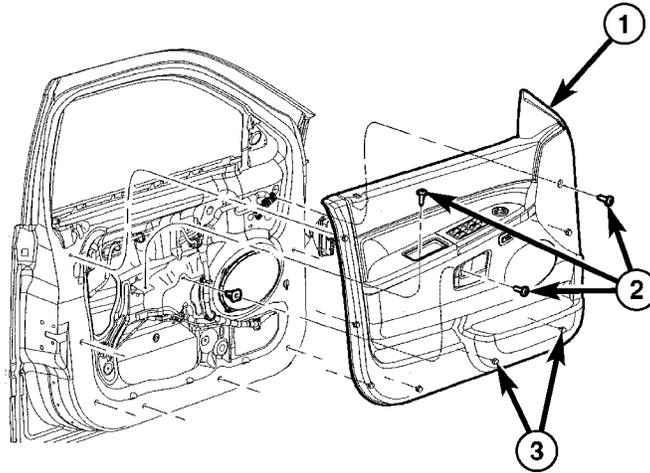
NOTE: The plastic retainers used to attach the door trim panel to the inner door panel must be replaced each time the door trim panel is removed.

| Qty. | Part No. | Description |
|------|------------|--|
| AR | 06507686AA | Retainer, Door Trim Panel (8 required for Front / 7 required for Rear) |

REPAIR PROCEDURE:

1. Disconnect and isolate the negative battery cable from the battery.

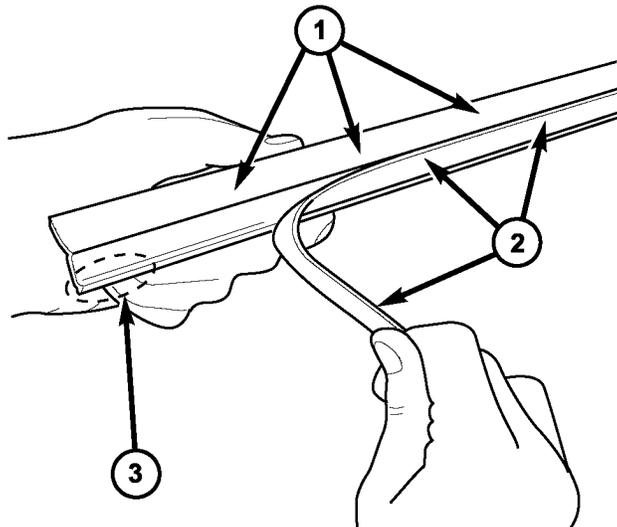




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Fig. 1 DOOR TRIM PANEL - TYPICAL

- 1 - Door Trim Panel
 - 2 - Attaching Screws
 - 3 - Trim Panel Retention Clips (8 - Frt / 7 - Rear)
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Fig. 2 SECONDARY SEAL REMOVAL

- 1 - Inner Belt Line Molding Assembly/Carrier
 - 2 - Secondary (Lower) Seal - Pull To Remove
 - 3 - Make Starter Cut Here Using Sharp Knife Prior To Removal Of Secondary (Lower) Seal
-

2. Remove the door trim panel (Fig. 1).
3. Remove the door inner belt line molding from the door flange.
 - a. Remove the secondary (lower) seal from the main body of the inner belt line molding. This can be accomplished by making a “starter” cut at one end of the secondary seal. Carefully pull on the loose end of the secondary seal to remove it from the main body of the inner belt line molding (Fig. 2).
 - b. Install the door inner belt line molding to the door flange.
4. Remove the water shield from the door. While the watershield is temporarily removed, the adhesive seal on the water shield must remain clean and not become contaminated.
5. Verify that the window regulator assembly is properly attached to the inner door panel. Tighten the five (5) attaching bolts to 8.8 Nm (75 in. lbs.) (Fig. 3).

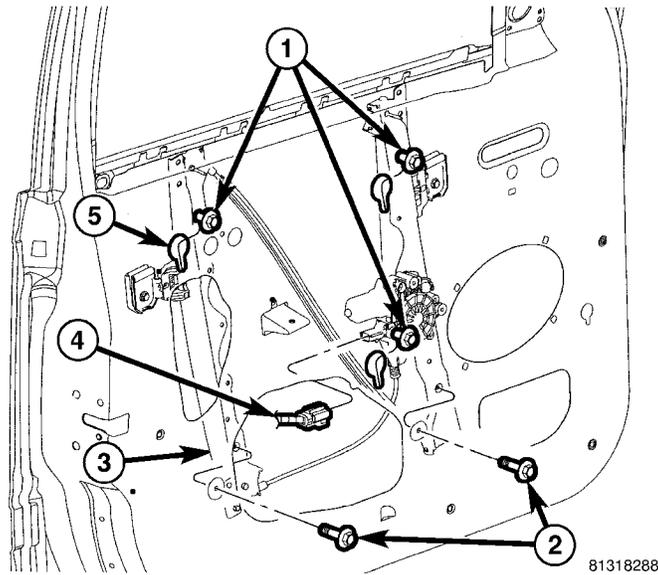
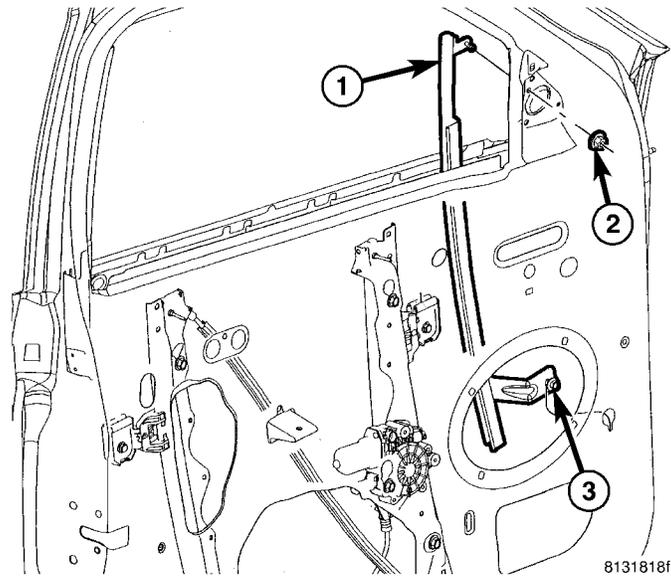


Fig. 3 WINDOW REGULATOR

- 1 - Upper Attaching Bolts
- 2 - Lower Attaching Bolts
- 3 - Window Regulator
- 4 - Regulator Electrical Connector
- 5 - Keyed Holes For Attaching Regulator To Door Panel

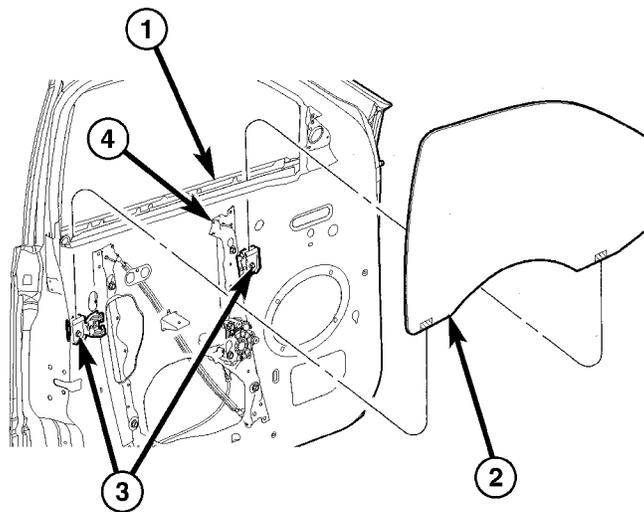
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6. Verify that the window glass run channel is properly attached to the inner door panel. Tighten the upper nut and the lower screw to 10 Nm (90 in. lbs.) (Fig. 4).
 7. Verify that the glass run channel weatherstrip is fully seated to the glass run channel. Adjust as required.
 8. Verify that the window opening weatherstrip is fully seated around the entire window opening and at the bottom of the door pillar.



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Fig. 4 GLASS RUN CHANNEL

- 1 - Glass Run Channel
 - 2 - Upper Attaching Nut
 - 3 - Lower Attaching Screw
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Fig. 5 REGULATOR CLAMPS AND DOOR GLASS

- 1 - Door Panel
 - 2 - Glass And Glass Attaching Plastic Plates At Bottom Edge Of Glass
 - 3 - Regulator Glass Clamps And Bolts
 - 4 - Window Regulator
-

9. Inspect the window regulator operation, glass, regulator glass clamp and pad, and adjust the glass position.
 - a. Temporarily power the window regulator motor.
 - b. If the glass is already loose from the window regulator clamps, slide the glass to the full up position and temporarily tape glass in place.
 - c. Carefully position (raise) the window regulator for access to the two glass clamp bolts. Loosen the 10 mm bolt at each window regulator glass clamp. Temporarily tape in the full up position, any glass that was previously attached to the regulator glass clamps.
 - d. Position (lower) the window regulator so that two regulator glass clamps can be thoroughly inspected.
 - e. Inspect each clamp and verify that the **rubber pad** between each clamp is installed correctly to the clamp. During a prior installation, the sides of some pads may have been dislodged and forced into the bottom of the clamp. Adjust the rubber pads as required (Fig. 5).
 - f. Remove the temporary tape and carefully lower the glass into the open clamps. Make sure that the plastic plates on the lower edge of the glass properly engage the clamps. Make certain that the rubber pads have not slipped out of position.
 - g. Carefully raise the window regulator until it is almost to its full up position and slide the glass against the B-pillar window channel. Bring the glass and regulator to the full up position (window closed). Make sure glass is fully seated against B-pillar side of window frame weatherstrip prior to tightening the glass clamp bolts.
 - h. Tighten both glass clamp bolts to 11.8 Nm (105 in. lbs.).
 - i. Verify that the door glass and window regulator operate properly.
10. Install the water shield.
11. Replace the door trim panel retention clips.
12. Install door trim panel to the door.
13. Install the three attaching screws. Tighten the screws to 2 Nm (16 in. lbs.).
14. Install the negative battery cable to the battery. Set the clock to the correct time.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

| Labor Operation No: | Description | Amount |
|---------------------|---|----------|
| 23-51-17-92 | Perform Repair Procedure - Front Right Door | 0.4 Hrs. |
| 23-51-17-93 | Perform Repair Procedure - Front Left Door | 0.4 Hrs. |
| 23-51-17-94 | Perform Repair Procedure - Rear Right Door | 0.4 Hrs. |
| 23-51-17-95 | Perform Repair Procedure - Rear Left Door | 0.4 Hrs. |

FAILURE CODE:

| | |
|----|--------------------------|
| 07 | Binds, Sticks, or Seized |
|----|--------------------------|