

NUMBER: 23-025-10 REV A

GROUP: Body

DATE: December 04, 2010

THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN 23-025-10, DATED DECEMBER 1, 2010, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS AND ARE HIGHLIGHTED **ASTERISKS** AND INCLUDE CORRECTED LOP'S. STANDARD REGULATOR REPAIR PROCESSES OUTLINED IN DEALERCONNECT HAVE BEEN REMOVED.

SUBJECT:

Front Or Rear Window Bind, Stick, Tip's or Is Inoperative

OVERVIEW:

This bulletin involves inspecting the window regulator to determine why the window is not functioning properly. A service kit is now available if the lift plate is the cause.

MODELS:

2006-2007 KJ Liberty

2006-2007 KJ Cherokee (International)

SYMPTOM/CONDITION:

Some customers may experience a front or rear door window that exhibits a binding, sticking, tipping forward, chattering or a window that is inoperative.

DIAGNOSIS:

If the customer experiences the symptom/condition, proceed to the repair procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
(AR) 1	68079419AD	Left Front Lift plate kit
(AR) 1	68079418AB	Right Front Lift Plate Kit
(AR) 1	68079421AB	Left Rear Lift Plate Kit
(AR) 1	68079420AB	Right Rear Lift Plate Kit
(AR) 1	55360959AC	Left Front Glass Run Channel Seal
(AR) 1	55360958AC	Right Front Glass Run Channel Seal

NOTE: Very few vehicles will require the regulator to be replaced. Most failures are related to lift plate breakage. These vehicles can be repaired by installing the lift plate kit.

NOTE:

Some 2006 MY or 2007 MY Jeep Liberties may have an alternate window regulator installed with a different glass attachment. They may be marked with a sticker on the inner door to identify this change. These regulators require the "pin on glass" attachment style service kit (2002-2005 MY type).

REPAIR PROCEDURE:

1. 1. Following the procedures in DealerCONNECT > TechCONNECT under: Service Info > 23 - Body > Door > Panel, Door Trim, remove the door panel to inspect the cause of the inoperative window.

2. ** Is the window concern related to a failure of the Window motor, failure of the cable tube, failed attachment bracket or is the regulator rail damaged? **

a. No >>> Proceed to Step # 3 to repair the lift plate attachment.

b. Yes >>> STOP, this bulletin does not apply. The window regulator will need to be replaced by following the procedures in DealerCONNECT > TechCONNECT under: Service Info > 23 - Body > Door > Regulator, Window, remove/install.

3. Following the procedures in DealerCONNECT > TechCONNECT under: Service Info > 23 - Body > Door > Regulator, Window, remove the window regulator from the affected door(s).

4. With the regulator on the bench, inspect the window regulator plastic cable tube. It cannot be broken for the installation of the lift plate attachment repair. If it is found to be broken, proceed to Step # 2 to replace the regulator.

5. Use the 8 inch adjustable wrench to bend down lower Rail Bracket Tab 90° (Fig 1).



Fig. 1 Bend Rail Tab Down 90 Deg.

6. Remove and save the small black plastic bumper located in the end of the rail (Fig 2).



Fig. 2 Remove Plastic Bumper

7. Remove the three # 20 Torx screws securing the motor and bracket to the regulator drum. Keep the motor and bracket together for reassembly (Fig. 3).

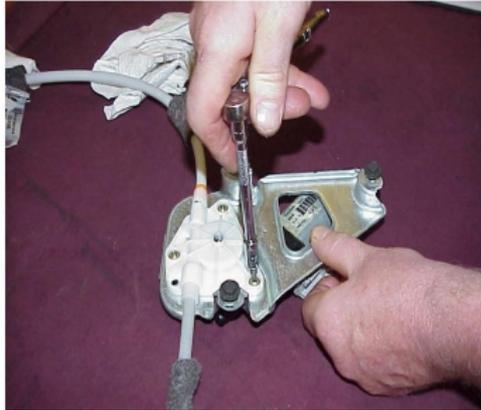


Fig. 3 Remove Motor and Bracket

8. Remove the original lift plate and cable from the regulator and discard (Fig 4).

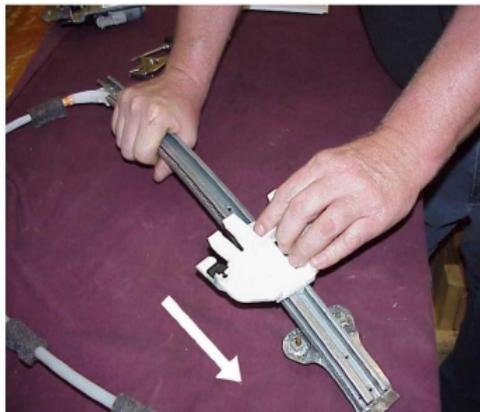


Fig. 4 Remove Old Liftplate

NOTE: If the cable is stuck in the drum housing. Push the cable forward to dislodge any debris or plastic chips that may be on the end of the cable in the drum pocket. Unscrew the cable counter clock wise if necessary to free up the chip or debris.

9. Clean the old grease, chips and debris in the Motor Drum Pocket and in the Rail cable groove with a shop rag (Fig 5).



Fig. 5 Clean the Motor Drum Pocket

10. Verify that the motor functions at the vehicle door connector.
11. Apply the supplied Grease in the following manner. (Fig 6) (Fig 7)
 - a. 1/4 packet into the Motor Drum Pocket.
 - b. 1/4 packet along the Rail contact locations.
 - c. 1/2 packet onto a paper towel and pull the cable through the grease.



Fig. 6 Grease the Rail



Fig. 7 Grease the Lift Plate

12. Install the new lift plate cable assembly into the rail about 1/3 the way up the rail.
13. Install the motor and mounting bracket back onto the window regulator. Align the drum housing pilots with the motor bracket and motor (Fig 3).
14. Hand torque the screws to 2.5 Nm (22 in lbs).
15. Install the small black plastic bumper in the end of the rail.
16. Carefully bend the tab back up in its original location with the adjustable wrench. A hammer can be used to carefully tap the Bracket Tab into its final closed position. (Fig 8).



Fig. 8 Close the Rail Tab

17. Reinstall the rebuilt window regulator back into the door. Torque the retaining bolts to 9 NM (80 in lbs).
NOTE: Confirm that the glass is fully snapped into the lift plate.

18. Verify the operation of the window before installing the door panel.

19. ****DO any of the repaired windows exhibit a chatter condition during its up or down travel after making the Lift plate repair?***

a. Yes >>> proceed to Step # 20

b. No >>> Complete the reassembly of the inner door panel and related components. No further repair needed. Repair complete

20. If the chatter is eliminated when water is sprayed onto the window channel run, the window channel needs to be replaced.

21. Following the procedures in DealerCONNECT > TechCONNECT under: Service Info > 23 - Body > Door-Front / Rear > Channel, Door Glass, to replace the Glass Run Channel Seal.

22. Verify the operation of the window.

23. Complete the reassembly of the inner door panel and related components.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
23-34-19-06	Lift plate Kit - Replace, Front Door (Right)	0.8 Hrs.
23-34-19-07	Lift plate Kit - Replace, Front Door (Left)	0.8 Hrs.
23-34-19-04	Lift plate Kit - Replace, Rear Door (Right)	0.7 Hrs.
23-34-19-05	Lift plate Kit - Replace, Rear Door (Left)	0.7 Hrs.
23-31-26-02	Glass Run Channel - Replace Right Front Door	0.6 Hrs.

23-31-26-03	Glass Run Channel - Replace Left Front Door	0.6 Hrs.
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FAILURE CODE:

ZZ	Service Action
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Disclaimer:

This bulletin is supplied as technical information only and is not an authorization for repair.