

Component Procedures: Front Door Window Glass

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Component Procedures: Front Door Window Glass

Front Side Door Window Adjustment (Article 10261)

Removal Procedure

- Do Not removal the door trim panel , lower window to full down position. Click for full-size image
- Remove the plug (1) from the lower rear bottom of the door.
- Locate the internal Torx set/adjust screw (2) at bottom of the window clamp assembly.
- Using a long 80 mm (3.1 lb in) hand driver with a Torx T25 bit turn the set screw (2) a minimum of one full turn clockwise but no more then two full turns to raise rear of window approximately 1mm.
- Close the door and place the door window in the full up position.
- Open the door from the inside and outside of vehicle to check index of window clears weather strip during door opening event. If, after two turns of the adjustment screw, the window stills hits weather strip while door is opening, go through complete window adjust procedure as listed below.
- Remove the front side door trim panel. Refer to Front Side Door Trim Panel Replacement .
- Remove the water deflector.
- Remove the door window switch from the door trim panel. Reinstall the door window switch to the door harness to be able to operate the door window.
- Verify that the measurement from the inboard surface of the inner panel to the rear regulator rail (1) is 57.5 mm (2.3 in), if correct go to next step. If not do the following: Click for full-size image
- Remove the access plug (2) in the lower inside edge of the door.
- Loosen the nut (3) that secures the bottom of the regulator rail (3) to the door.
- Adjust the regulator rail (1) to achieve 57.5 mm (2.3 in).
- Re-torque the nut (2). Tighten Tighten the nut to 11 Nm (97 lb in).
Tighten the nut to 11 Nm (97 lb in).
- Verify that the measurement (a) from the inboard surface of the inner panel to the front regulator rail is 51 mm (2 in), if correct go to the next step. If not do the following: Click for full-size image
- Remove the access plug.
- Loosen the nut that secures the bottom of the regulator rail to the door.
- Adjust the regulator rail to achieve 51 mm (2 in).
- Re-torque the nut. Tighten Tighten the nut to 11 Nm (97 lb in).
- Measure the gap (a) between door window and the ¼ window, at 2 locations. 10 mm (0.39 in) +/-1.5 mm (0.06 in) and parallel within 1.5 mm (0.060 in), go to the next step. Click for full-size image
- Record the measurements on the repair order for future reference.
- Measure the door window for proper seal penetration (a), at three locations. Record the measurements future reference. Adjust the door window seal for penetration. Click for full-size image
- Adjust the door window seal for penetration, Do the following: Click for full-size image
- Using a felt tip pen (1) to mark the window is preferred, this washes off easily and does not scratch the window.
- With the window in the full up position and engine running close the door and mark the window as follows:
- Mark the window along the top edge and the seal (1), were the window contact.
- Mark the window (2) in three locations.
- Open the door, measure window for seal penetration in three locations above to 4.5 mm (0.18 in) +/-1.5 mm (0.06 in). All three 3 locations must be within 1.5 mm (0.06 in) of each other. Click for full-size image
- The door window will need to be adjusted if any of the previous measurements were out of the specification:
Do the following:
- If the door window to ¼ window gap measured in step 12 is not 10 mm (0.39 in) +/-1.5 mm (0.06 in) and parallel within 1.5 mm (0.06 in) (this step may not be needed).
- If the window penetration measured in step 16 is less than 3mm (0.19 in).
- This will require loosening the regulator clamps bolts to adjust the window. Do the following:
- Before the regulator clamp bolts are loosened to adjust the window, the following should be performed.
- With the door open , run the window to the full up position.
- Place the door window in the service position.
- Locate the door latch bolt. Click for full-size image
- Push the latch bolt until it reaches the second detent or full lock position.
- The window will automatically more up to the full close position.
- Leave the window in this position during all adjustments while the regulator clamps are loose.
- Locate the outer reveal belt seal (1) and mirror patch (2), mark the window (3) in 3 places for the initial window position before adjustments are performed. These marks will aid in positioning the window to the desired location during adjustment. Click for full-size image
- Loosen the regulator clamp bolts and adjust the window as required to achieve the dimensions in step 6.

- Tighten the regulator clamp bolts to the window. Tighten Tighten the regulator clamp bolts to the window to 11 Nm(97 lb in).

Tighten the regulator clamp bolts to the window to 11 Nm(97 lb in).

- After all adjustments are complete, and the regulator clamps are torqued, pull the outside door handle to release the latch bolt before closing the door.

- After all adjustments are complete and verified, do the following:

- This step is only required if the regulator clamp bolts were loosened and the window was adjusted).

- Access under hood fuse box. Remove fuse #26 and reinstall. Close hood.

- Get inside vehicle with both doors closed. Start the engine and follow the instructions on the DIC (Driver Information Center).

- The DIC should instruct to run the window down and up on both sides.

- Verify both windows have express up function and no DIC message exists. If the DIC does not instruct you to operate the windows to re-normalize, the following Must be done:

- This will require 2 people while the window is in motion.

- Pull the fuse as described above in #23.2

- The windows will stop, release the window switch.

- Reinstall the fuse and redo steps #23.3 and 23.4 above.

Installation Procedure

- Inspect the window for proper operation with the door opened and closed.

- Install the window switch to the door trim panel.

- Install the water deflector.

- Install the front side door trim panel. Refer to Front Side Door Trim Panel Replacement .

- Clear all current and historical DTCs.

- Clean the door window.

Front Side Door Window Replacement (Article 10266)

Removal Procedure

- If the window is being replaced it will be necessary to do a full window alignment. Refer to Front Side Door Window Adjustment .

- Remove the front side door trim panel . Refer to Front Side Door Trim Panel Replacement .

- Remove the door window switch from the door trim panel. Refer to Front Side Door Window Switch Replacement .

- Reinstall the window switch to the door harness this will allow you to operate the door window.

- Remove the water deflector.

- Place the front side door latch bolt in the closed position Click for full-size image

- If reusing the same window put the window in the full up position, Do the following:

- Locate the door latch mechanism.

- Push the latch bolt until it reaches the second detent or full lock position.

- The window will automatically move up to the hard stop position.

- Leave the window in this position during all adjustment while the regulator clamp are loose.

- Locate the outer reveal belt seal (1) and mirror patch (2), mark the window (3) in 3 places for the initial window position before adjustments are performed. These marks will aid in positioning the window to the desired location during adjustment. Click for full-size image

- Place the door window in the service position to expose the window guide bolts.

- Loosen the front window clamp bolt (1). Do Not remove it completely. Click for full-size image

- Remove the rear rail window clamp bolt (2) completely.

- Remove the window from the window clamps.

Installation Procedure

- Open the front side door latch bolt, by pulling the outside door handle releasing the latch bolt. Click for full-size image

- Lower the window regulator clamps to the halfway down position by using the switch.

- Install the window (2) to the window clamps. Click for full-size image

- Install the front window clamp bolt (1), Do Not tighten completely.

- Install the rear window clamp bolt (1), Do not tighten completely.

- With the door open, run the window (2) up to a hard stop.

- Place the door window in the full up position. Do the following:

- The window will automatically more up to the full close position.

- Leave the window in this position during all adjustments while the regulator clamps are loose.

- Align the marks from step 7.

- Tighten both window clamp bolts. Tighten Tighten the window clamp bolts to 10 Nm (89 lb in).

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- After all adjustments are complete, and the regulator clamps are torqued, pull the outside door handle to release the latch bolt before closing the door.
- After all adjustments are complete and verified, do the following:
- After replacing the window it is necessary to reprogram the window. Refer to Window Motor Programming - Express Function .
- Inspect the window for proper operation in the open and closed position before installing the door trim panel.
- Install the water deflector.
- Install the window switch to the door trim panel. Refer to Front Side Door Window Switch Replacement .
- Install the front side door trim panel. Refer to Front Side Door Trim Panel Replacement .

All New Technical Service Bulletins (itype_432)

Tsbs

- Rear and Side Tempered Glass Spots (Quench Marks) (25-NA-311, 2025/09/30)

All Technical Service Bulletins (itype_100)

Tsbs

- Information on Side Window Glass Not Clearing Molding When Indexing Down During Door Opening (09-08-64-014E, 2023/10/12)
- Rear and Side Tempered Glass Spots (Quench Marks) (25-NA-311, 2025/09/30)
- Body - Front/Rear Side Door Windows Bind/Noisy/Move Slowly (PI0018B, 2013/11/08)

Repair Tips (itype_110)

Tsbs

- Body - Front/Rear Side Door Windows Bind/Noisy/Move Slowly (PI0018B, 2013/11/08)