

# **Component Procedures: Front Door Window Regulator**

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# Component Procedures: Front Door Window Regulator

## Parts and Labor (itype\_189)

### Parts

Qualifier	Part #	Name	Price	Note
Window Regulator > Right	22877928	Window Regulator	213.98	
Window Regulator > Left	22877927	Window Regulator	213.98	

### Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Door > Window Regulator, R&R > One Side	B	1.3	1.0

## Front Side Door Window Regulator Replacement (Article 10265)

### Removal Procedure

- 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. 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.
- 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
- Remove the front side door window . Refer to Front Side Door Window Replacement .
- Mark all locations of the bolts/nuts and the window when removing the regulator. To ensure proper alignment when installing the window regulator later.
- Rear rail lower nut
- Front rail lower nut
- Remove the front side door window regulator cable retainers (1). Click for full-size image
- Remove the front side door window regulator nut covers (2) located at the bottom of the door.
- Remove the front side door window regulator lower nuts (3) located at the bottom of the door.
- Remove The front side door window regulator upper nuts (4).
- Remove the front side door window regulator motor bolt (5).
- Disconnect the electrical from the motor.
- Remove the window regulator from the door.

### Installation Procedure

- Install the window regulator to the door as follows:
- Place the window regulator bolts/nuts with the align up marks in step 4 of the removal, to ensure proper alignment. Click for full-size image
- Install the front side door window regulator upper nuts (4) and tighten to 10 Nm (89 lb in) .
- Install the front side door window regulator lower nuts (3) to the marks 4 located at the bottom of the door and tighten to 10 Nm (89 lb in) .
- Install the front side door window regulator motor bolt (5) and tighten to 10 Nm (89 lb in) .
- Install the front side door window regulator cable retainers (1).
- Install the front side door window regulator nut covers (2) located at the bottom of the door.
- Connect the electrical to the motor.
- Align the front side door window (3) using the marks taken in step 6 of the removal. Refer to Front Side Door Window Replacement . Click for full-size image
- Tighten the regulator clamps to the window when the marks align.
- After all adjustment are completed, the regulator clamps bolts are tightened, pull the outside handle to release the door latch bolt before closing the door.
- 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 .
- Clean the door window.
- After replacing the window regulator assembly, it may be necessary to reprogram. Refer to Window Motor Programming - Express Function .

## **All Technical Service Bulletins (itype\_100)**

Tsbs

- 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)