

SECTION 501-11: Glass, Frames and Mechanisms
REMOVAL AND INSTALLATION

2014 F-150 Workshop Manual
Procedure revision date: 10/25/2013

Window Regulator and Motor — Front Door

Removal

NOTE: The front window motor must be de-initialized, then initialized whenever the LH front or RH front window motor is removed from the window regulator drum housing, a new window regulator is installed, a new window glass is installed, a new top run is installed or for any operation in which grease or lubricants are applied to the window regulator or glass run.

With power windows

1. Remove the window control switch. For additional information, refer to [Window Control Switch — Front](#) in this section.

All vehicles

2. Remove the front door trim panel. For additional information, refer to [Section 501-05](#).
3. If equipped, remove the bolster assembly.
 - Remove the bolt and 2 pin-type retainers.
4. Position aside the front door watershield.
5. Temporarily install the window control switch or the window crank to raise or lower the window as necessary to access the glass-to-regulator assembly bolts.

All vehicles

6. Loosen the 2 front door window glass-to-regulator assembly bolts.
7. Tape the window in the full upward position, then lower the front door window regulator to the full downward position.

With power windows

8. Disconnect the window regulator motor electrical connector.

All vehicles

9. Remove and/or loosen the front door window regulator fasteners.
 - Remove the front door window regulator assembly through the large opening in the door.

Installation

All vehicles

1. Install the front door window regulator assembly.
 - Tighten all front door window regulator fasteners to 11 Nm (97 lb-in).

With power windows

2. Connect the window regulator motor electrical connector.

All vehicles

3. Temporarily install the window control switch or the window crank to raise or lower the regulator as necessary to access the glass-to-regulator assembly bolts.
4. **NOTE:** It is important that this step is performed to prevent a customer concern of slow power window travel when raising the window.

Push the glass up into the header by hand, then shift the glass rearward until it stops against the rear window run seal while lowering the glass back down into the window glass clamps.

5. **NOTE:** Make sure the window glass is seated in the bottom of the glass clamps.

Tighten the 2 front door window glass-to-regulator assembly bolts to 11 Nm (97 lb-in).

6. Install the front door watershield.
7. If equipped, install the bolster assembly.
 - Tighten the bolt and install the 2 pin-type retainers.
8. Install the front door trim panel. For additional information, refer to [Section 501-05](#).

With power windows

9. Install the window control switch. For additional information, refer to [Window Control Switch — Front](#) in this section.
 - Initialized the front window motor. For additional information, refer to [Window Motor Initialization](#) in this section.
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