

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

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

Window Glass — Rear

Material

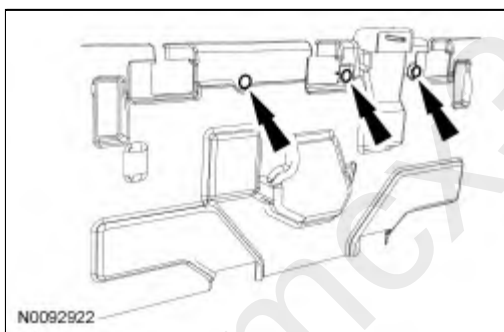
Item	Specification
Foam Core Butyl E69Z-19562-A	WSB-M3G143-B1

Removal

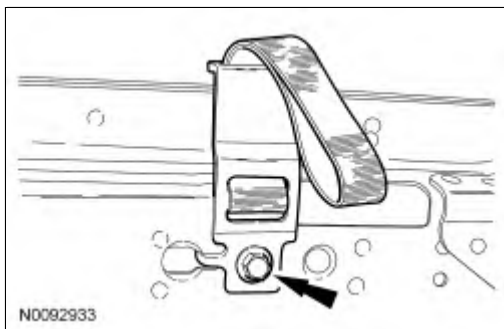
NOTE: If the rear window glass is being removed to repair a dust/water leak, remove and reinstall the existing rear window glass.

All vehicles

1. For regular and SuperCab vehicles, remove the headliner. For SuperCrew vehicles, lower and position the headliner forward. For additional information, refer to [Section 501-05](#).
2. Remove the rear trim panel pin-type retainers.



3. Position aside the rear trim panel.
4. If equipped, disconnect the 2 rear window defrost grid electrical connectors.
 - If equipped with power sliding window, disconnect the in-line electrical connector (blue).
5. If equipped, remove the center tether anchor bolt and tether anchor.



6. Remove the rear window glass nuts.
7. **NOTICE:** Use only a plastic windshield setting tool to slide under the seal to separate the foam core butyl from the glass. Once the glass starts to separate from the body, constant hand pressure will break the seal and the glass can be removed. The aid of an assistant will be required to support the glass during this step to prevent damage to the glass frame, body or power sliding window cables (if equipped). Failure to use a plastic windshield setting tool can damage the body or the glass frame.

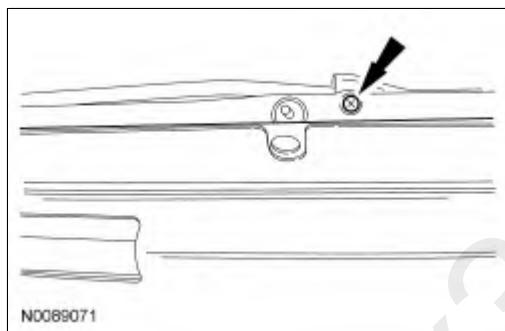
NOTE: If equipped with a power sliding rear window, the glass must be supported in close proximity to the body during the following power sliding rear window removal steps.

Remove the rear glass from the vehicle.

Power sliding rear window

8. **NOTE:** LH transition block screw shown, RH similar.

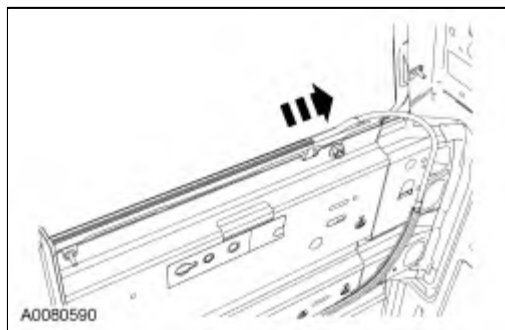
Remove the 2 screws from the LH and RH transition blocks.



9. **NOTICE:** The following substeps are to prevent the cables from popping out of the motor housing. If an existing regulator and motor assembly is to be reused, do not allow the cables to pop out of the motor housing, as they can unwind from the drum. If the cables unwind from the drum, a new regulator and motor assembly will have to be installed.

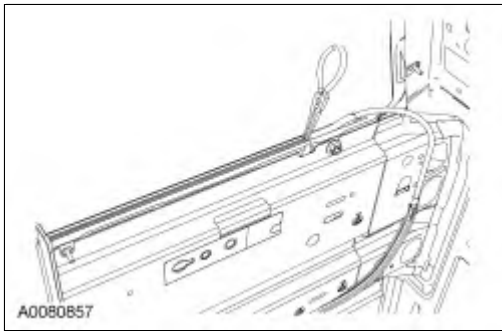
NOTE: LH side shown, RH side similar.

Remove the LH cable first, then the RH side cable. Press and hold the transition block away from the centerline of the vehicle.



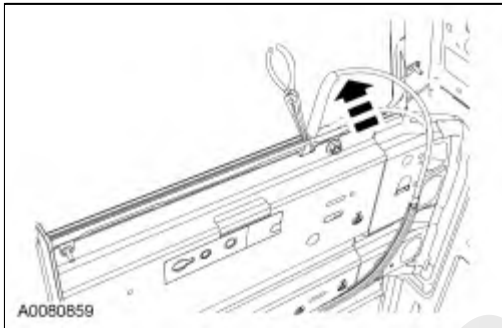
10. **NOTE:** LH side shown, RH side similar.

Clamp and hold the cable near the transition block.



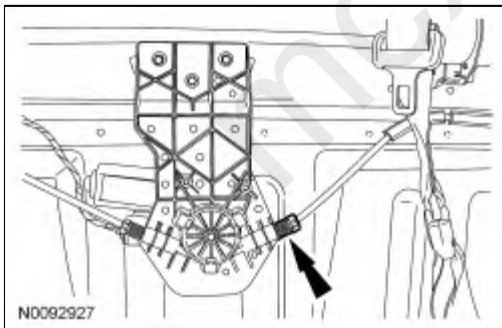
11. **NOTE:** LH side shown, RH side similar.

Gently pull up the end of the transition block and lift it out of the groove. Do not release the clamp.



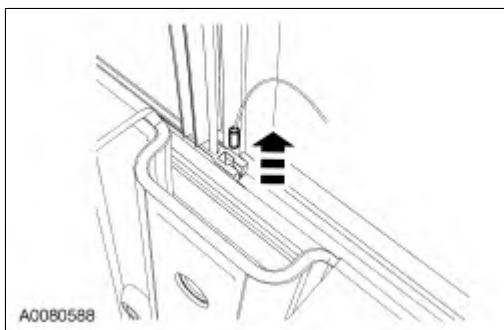
12. **NOTE:** LH side shown, RH side similar.

Slowly release the clamp on the cable to gradually unload the tensioning spring on the motor housing.



13. **NOTE:** LH side shown, RH side similar.

Remove the cable swag from the guide bracket on the sliding rear window.



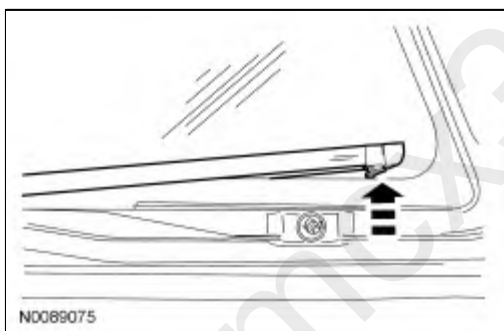
NOTE: The remaining removal step(s) are only necessary when transferring the original sliding glass panel to the new rear sliding window assembly.

Power or manual sliding rear window

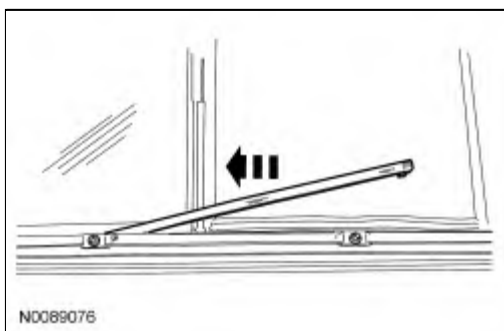
14. Remove the sliding rear window glass. For additional information, refer to [Window Glass — Rear, Power Sliding Panel](#) or [Window Glass — Rear, Manual Sliding Panel](#) in this section.
15. Remove the upper and lower rail fillers from the new rear window glass frame assembly.

Power sliding rear window

16. Slide the center bracket guide all the way to the LH side, then pull the LH side straight up so the guide foot can pass through the slot in the glass frame assembly.



17. Carefully slide the center bracket guide all the way to the RH side, then pull the RH side straight up so the guide foot can pass through the slot in the glass frame assembly. Transfer the center bracket guide to the new rear glass assembly.



Power or manual sliding rear window

18. Transfer the original sliding rear window glass to the new rear glass assembly. For additional information, refer to [Window Glass — Rear, Power Sliding Panel](#) or [Window Glass — Rear, Manual Sliding Panel](#) in this section.

Installation

All vehicles

1. **NOTE:** Remove as much of the foam core butyl as possible from the body and window glass prior to installation.

Apply foam core butyl to the window. Overlap the foam core butyl by 25 mm (1 in) at the bottom middle of the rear window glass.

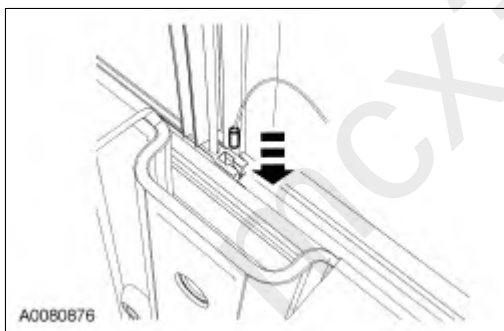
Power sliding rear window

2. **NOTICE:** The following substeps are to prevent the cables from popping out of the motor housing. If an existing regulator and motor assembly is to be reused, do not allow the cables to pop out of the motor housing, as they can unwind from the drum. If the cables unwind from the drum, a new regulator and motor assembly will have to be installed.

NOTE: The aid of an assistant will be required to support the glass in close proximity to the body opening during the following power sliding rear window installation steps.

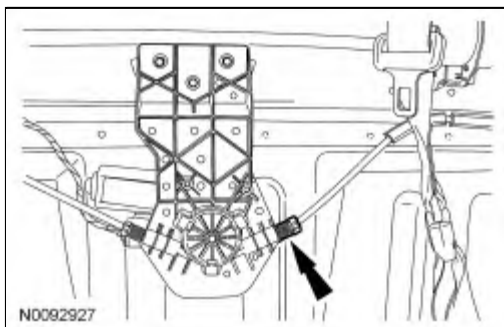
NOTE: LH side shown, RH side similar.

Install the LH cable first, then the RH side cable. Install the cable swag into the guide bracket on the sliding rear window.



3. **NOTE:** LH side shown, RH side similar.

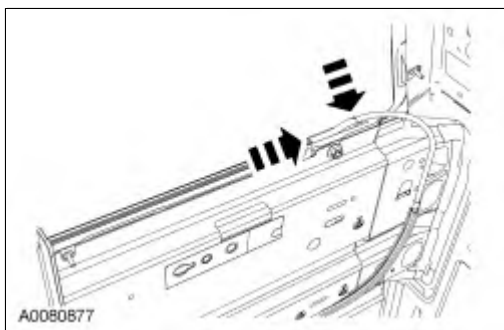
Compress and hold the cable tension spring.



4. **NOTE:** LH side shown, RH side similar.

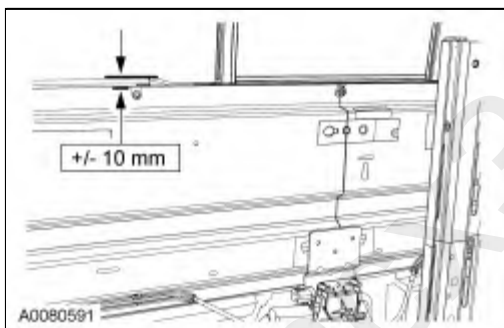
NOTE: While holding the LH cable under tension, cycle the window motor to decrease the freeplay on the RH cable. Reducing the freeplay on the RH cable will allow ease of installation of the RH cable.

Press the transition block away from the centerline of the vehicle, then snap it into the groove.
Release the cable tension spring.



5. **NOTE:** LH side shown, RH side similar.

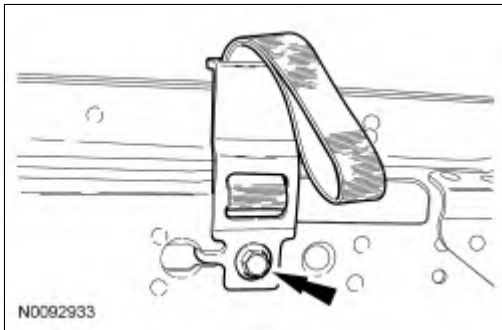
The transition block is correctly seated when its top edge is +/- 10 mm (0.39 in) above the top of the window opening.



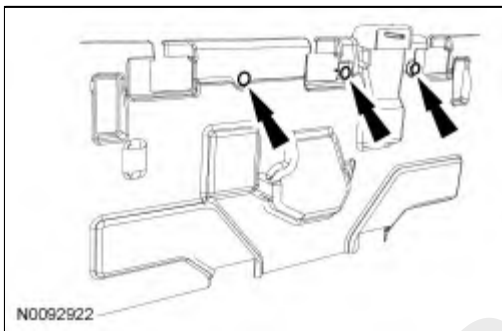
6. Install the LH and RH transition block screws.

All vehicles

7. Carefully install the rear window glass into the body opening.
8. Install the rear window glass nuts.
- Tighten to 4 Nm (35 lb-in).
9. If equipped, install the center tether anchor bolt and tether anchor.
- To install, tighten to 30 Nm (22 lb-ft).



10. If equipped, connect the rear window defrost grid electrical connectors.
11. Install the rear trim panel.
12. Install the rear trim panel pin-type retainers.



13. For regular and SuperCab vehicles, install the headliner. For SuperCrew vehicles, raise and reposition the headliner. For additional information, refer to [Section 501-05](#).