



TECHNICAL SERVICE BULLETIN

Front Window Glass Jumps/Chatters During Up/Down Travel

19-2050
25 February
2019

This bulletin supersedes 18-2091. Reason for update: Incorrect or Missing Parts

Model:

Ford 2016-2017 Explorer

Summary

This article supersedes TSB 18-2091 to update the Service Labor Time Standards.

Issue: Some 2016-2017 Explorer vehicles may exhibit front window glass that jumps/chatters during up/down movement. This may be due to various conditions in the window motor including excessive drive gear backlash, bushing wear, and/or excessive end play. To resolve the concern, replace the door glass top run, door glass, window regulator, window motor and wiring harness.

Action: Follow the Service Procedure steps to correct the condition on vehicles that meet all of the following criteria:

- 2016-2017 Explorer
- Exhibits front window glass that jumps/chatters during up/down movement

Parts

Part Number	Description	Quantity
W701014-S441	Window Regulator Nut	2
JB5Z-7821596-A	Upper Glass Run - Right Side	1
JB5Z-7821597-A	Upper Glass Run - Left Side	1
JB5Z-7823208-A	Window Regulator - Right Side	1
JB5Z-7823209-A	Window Regulator - Left Side	1
JB5Z-7821410-A	Door Glass, Base/Police - Right Side	1
JB5Z-7821411-A	Door Glass, Base/Police - Left Side	1
JB5Z-7821410-B	Door Glass, XLT/Sport/Limited/Platinum - Right Side	1
JB5Z-7821411-B	Door Glass, XLT/Sport/Limited/Platinum - Left Side	1
JB5Z-14630-B	Wire Harness, Police - Right Side	1
JB5Z-14631-B	Wire Harness, Police - Left Side	1
JB5Z-14630-C	Wire Harness, Base - Right	1
JB5Z-14631-C	Wire Harness, Base - Left	1
JB5Z-14630-D	Wire Harness, XLT - Right Side	1
JB5Z-14631-D	Wire Harness, XLT - Left Side	1
JB5Z-14630-E	Wire Harness, Sport 400A - Right Side	1
JB5Z-14631-E	Wire Harness, Sport 400A - Left Side	1
JB5Z-14630-A	Wire Harness, Sport 401A/Limited/Platinum - Right Side	1
JB5Z-14631-A	Wire Harness, Sport 401A/Limited/Platinum - Left Side	1
JB5Z-78237A04-A	Water Shield - Right Side	1
JB5Z-78237A05-A	Water Shield - Left Side	1
JB5Z-9923394-A	Window Motor, Less Memory Seats - Right Side	1

JB5Z-9923395-A	Window Motor, Less Memory Seats - Left Side	1
JB5Z-9923394-B	Window Motor, Memory Seats - Right Side	1
JB5Z-9923395-B	Window Motor, Memory Seats - Left Side	1
PM-13-A	Motorcraft® Anti-Corrosion Coating	1
Obtain Locally	Clear Packaging Tape	1

Warranty Status: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage. Warranty/ESP coverage limits/policies are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool. For repairs covered by the New Vehicle Limited Warranty, completion of the procedure outlined in this TSB does not require obtaining Prior Approval or completion of a Cost Cap.

Labor Times

Description	Operation No.	Time
2016-2017 Explorer Without Memory Seats: Replace Window Components Following The Service Procedure Includes Time To Modify Door (Do Not Use With Any Other Labor Operations)	DR192050A	2.2 Hrs.
2016-2017 Explorer With Memory Seats: Replace Window Components Following The Service Procedure Includes Time To Modify Door And Reprogram Door Modules (Do Not Use With Any Other Labor Operations)	DR192050B	2.4 Hrs.

Repair/Claim Coding

Causal Part:	7823209
Condition Code:	42

Tool List

Drive	Tool Name
1/4"	Power Tool
1/4"	Ratchet
1/4"	Torque Wrench
1/4"	4" Extension
1/4"	10 mm Deep Socket
1/4"	10 mm Magnetic Socket
1/4"	Torx® T20 Socket
	Drill
	9 mm Drill Bit
	6.5 mm Drill Bit
	Hammer
	Center Punch
	Small Pick
	Pocket Flat Head Screwdriver
	Ruler
	Digital Caliper
	Marking Tool
	Small Needle Nose Pliers
	Trim Tools

Service Procedure

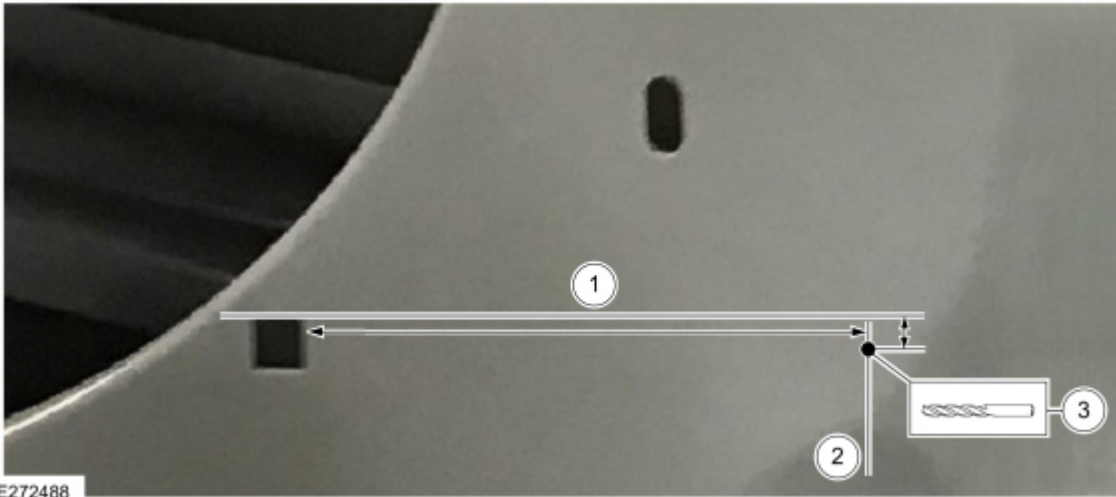
For repairs covered by the New Vehicle Limited Warranty, completion of the procedure outlined in this TSB does not require obtaining Prior Approval or completion of a Cost Cap.

1. Remove the front window regulator and motor. Refer to Workshop Manual (WSM), Section 501-11.
2. Remove the front door glass. Refer to WSM, Section 501-11.
3. Remove the front door glass top run. Refer to WSM, Section 501-11.
4. Disconnect and remove the front door wiring harness.
5. Locate and drill the new regulator hole.
 - (1). Place a ruler horizontally along the top edge of square hole shown in Figure 1 draw a line 65 mm (2.5 inch) long. Refer to Figure 2 Callout 1. (Figures 1-2)
 - (2). Measure 46 mm (1.8 inch) from the door latch side edge of the square hole and place a vertical mark at the intersection of the horizontal line drawn in Step 5(1). (Figure 2 Callout 2)
 - (3). Measure down 2 mm (0.08 inch) from the horizontal line along the vertical line and place a mark. (Figure 2 Callout 3)
 - (4). Place a centering mark at the location marked in Step 5(3) using a hammer and center punch and drill a 9 mm (0.35 inch) diameter hole.

Figure 1



Figure 2



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6. Locate and drill the new wiring harness retention clip hole.

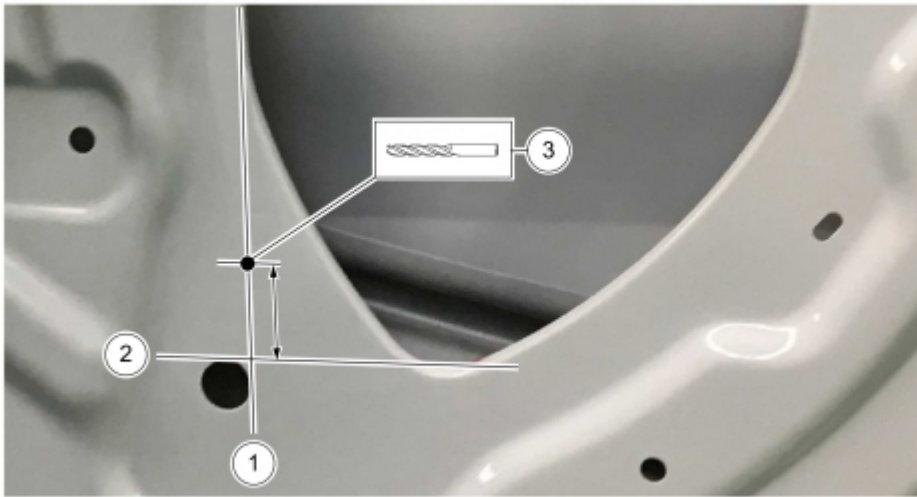
- (1). Place a straight edge vertically along the edge of the large stamped regulator access opening in the door on the door hinge side of the opening and draw a line that extends to the bottom of the stamped opening. (Figure 3)
- (2). Place the straight edge horizontally along the lowest point of the stamped opening and across the top of the round hole towards the door hinge side of the door and draw a line between the bottom of the stamped opening and the hole. (Figure 4 Callout 2)
- (3). Measure up 32 mm (1.25 inch) from the horizontal line along the vertical line and place a centering mark using a center punch and hammer. (Figure 4)
- (4). Drill a 6.5 mm (0.25 inch) diameter hole. (Figure 4 Callout 3)
- (5). Apply Motorcraft® Anti-Corrosion Coating to all drilled holes.

Figure 3



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Figure 4



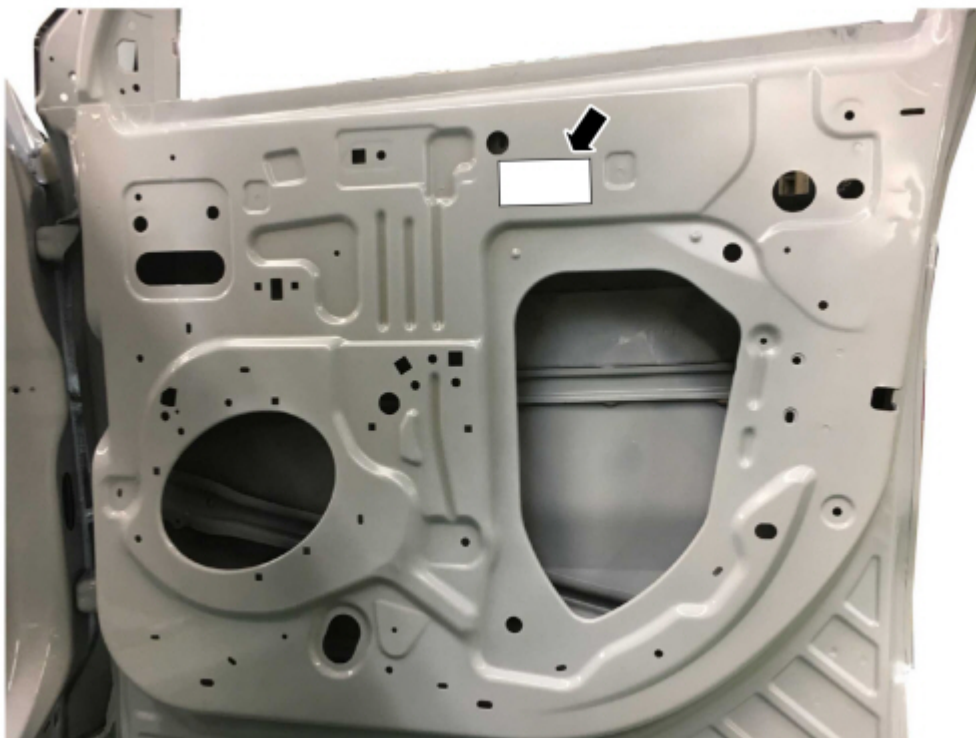
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7. Print and cut out the information label.

(1). [Click on this link to retrieve the information label.](#)

(2). Attach the information label to the door sheet metal above the window regulator access opening using clear packaging tape completely covering the label with tape. (Figure 5)

Figure 5



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8. To install the new wiring harness, door glass top run, door glass, window regulator, window motor, water shield, and door trim panel, reverse the removal procedure.

9. Repeat Steps 1-8 on the other front door.

10. Is the vehicle equipped with memory seats?

(1). Yes - reprogram the driver and passenger door modules using the latest software level of the appropriate Ford diagnostic scan tool.

(2). No - repair is complete.

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.