

TECHNICAL SERVICE BULLETIN

B-Pillar Ticking Sound

23-2262
25 September
2023

This bulletin supersedes 23-2175. Reason for update: New Part/Procedure For Same Condition

Model:

Ford	Double Cab
2022-2024 Ranger	
2022-2024 Everest	

Can use EF Falcon Window Rivets as substitute:
V388797S100 x 6

Issue: Some 2022-2024 Ranger double cab and 2022-2024 Everest vehicles may experience a ticking type sound at the B-pillar area.

Action: Should a vehicle present with the above condition, technicians are advised to refer to the Service Procedure below.

Labor Times

Description	Operation No.	Time
B-Pillar Ticking Sound one side (Remove B pillar and Repair as per the given service procedure, includes road test)	232262A	1.3 Hrs.
B-Pillar Ticking Sound Both sides (Remove B pillar and Repair as per the given service procedure, includes road test)	232262B	2.3 Hrs.

Repair/Claim Coding

Causal Part:	2624382/3
Condition Code:	07

PDR Table

PDR Code	Description	Time
TSB232262A	Found B-Pillar ticking sound one side, removed pillar, repaired and road tested as per service procedure	1.3 Hrs.
TSB232262B	Found B-Pillar ticking sound both sides, removed pillar, repaired and road tested as per service procedure	2.3 Hrs.

Tools and Materials Required

1. Domed head steel rivet (Qty 6) with a steel mandrel and diameter of 6mm. (Figure 1)



Figure 1

2. Steel Pin punch with a pin tip diameter of 7mm.

3. Body color touch-up paint. (Zn-rich primer)
4. Suitable size drill bit.
5. Interior trim remover.

Repair Procedure

1. Remove the B-pillar trim panel. For additional information, refer to Workshop Manual (WSM) Section 501-05.
2. Remove the front seat. For addition information, refer to WSM Section 501-10A.
3. The following steps outline the procedure to add rivets to the B-Pillar panel to eliminate the ticking noise. Due to manufacturing tolerances, spot weld locations can vary between vehicles. Rivets should be located within the zones highlighted, at a maximum distance from spot welds to achieve maximum effect. Below are examples of the finished rework on different vehicles. (Figure 2)

NOTE: Remove any swarf from the drilling process. Swarf will likely drop down into the lower area of the bodyside/rocker and/or into the carpet and create a red rust appearance.

NOTE: Apply body color touch-up paint before AND after fitting the rivet.

NOTE: Follow the touch-up pant manufacturer's instructions for application and curing time.

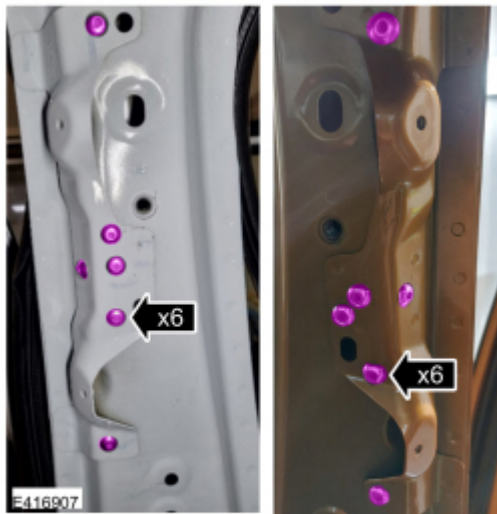


Figure 2

- 2.1 Install 1 rivet in the area shown. (Figure 3)

 **CAUTION:** Do not drill within 3mm of a spot weld or within 5mm of the edge of the panel.

NOTE: Spot weld locations may vary between vehicles and LH and RH side.

1. Take note of the spot weld(s) in the area.
2. Mark and centre punch a location within the highlighted zone, at a maximum distance from the spot weld(s).
3. Drill the hole and install the rivet.



Figure 3

2.2 Install 1 rivet in the area shown. (Figure 4)

 **CAUTION: Do not drill within 10mm of a spot weld or within 5mm of the edge of the panel.**

NOTE: Spot weld locations may vary between vehicles and LH and RH side.

1. Take note of the spot weld(s) in the area.
2. Mark and centre punch a location within the highlighted zone, at a maximum distance from the spot weld(s).
3. Drill the hole and install the rivet.



Figure 4

2.3 Install 3 rivets in the area shown. (Figure 5)

 **CAUTION: Do not drill within 10mm of a spot weld or within 5mm of the edge of the panel.**

NOTE: Spot weld locations may vary between vehicles and LH and RH side.

1. Take note of the spot weld(s) in the area.
2. Mark and centre punch a location within the highlighted zone, maintaining maximum separation between spot welds and centre punch marks.
3. Drill the holes and install the rivets.



Figure 5

2.4 Install 1 rivet in the area shown. (Figure 6)

 **CAUTION: Do not drill within 3mm of a spot weld or within 5mm of the edge of the panel.**

NOTE: Spot weld locations may vary between vehicles and LH and RH side.

1. Take note of the spot weld(s) in the area.
2. Mark and centre punch a location within the highlighted zone, at a maximum distance from the spot weld(s).
3. Drill the hole and install the rivet.

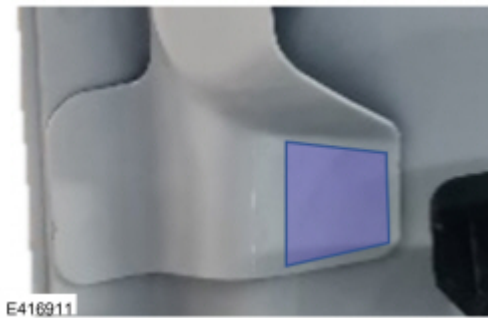


Figure 6

4. Pin punch at the 5 locations of the grab handle bracket upper tab and 3 locations at the grab handle bracket lower tab as shown. (Figure 7)



Figure 7

5. Pin punch at the 3 lower shear plate locations as shown. (Figure 8)

 **CAUTION: Make sure the wiring harness is clear of the pin punch area and do not make contact with the harness at this step.**



Figure 8

6. Pin punch at the 4 side floor inner panel locations (just below the area in Step 4) as shown. (Figure 9)

 **CAUTION: Make sure the wiring harness is clear of the pin punch area and do not make contact with the harness at this step.**

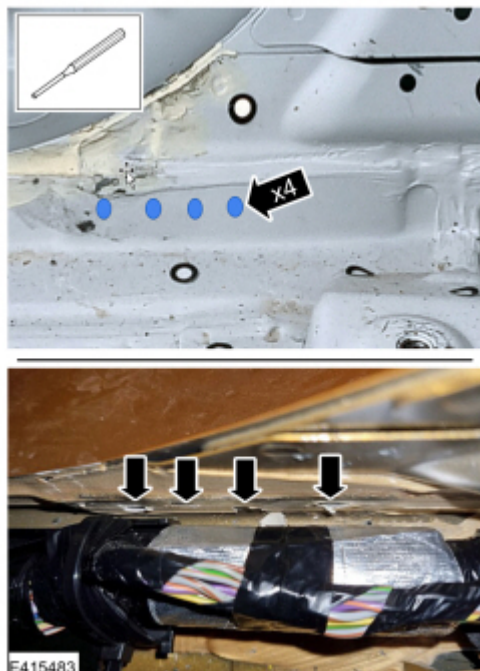


Figure 9

7. Apply touch-up paint on ALL pin punch locations.
8. Refit the B-pillar trim panel. For additional information, refer to WSM Section 501-05.
9. Refit the front seat. For additional information, refer to WSM Section 501-10A.
10. Perform Steps 1-9 for the remaining side (where applicable).
11. Road test the vehicle to check for correct operation (no more noise).

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