



TECHNICAL SERVICE BULLETIN

Vehicles Equipped With Manual Front Seat(s) Only - Front Seat Squeak

21-2035

03 May 2021

Model:

Ford
2011-2021 Ranger
2015-2021 Everest/Endeavour

Issue: Some 2011-2021 Ranger and 2015-2021 Everest/Endeavour vehicles equipped with manual front seat(s) may experience a front seat squeak noise while driving on rough roads and/or with pressure applied to the seat. A possible cause for this concern is due to noisy seat cushion spring(s).

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

Parts

Part Number	Description	Quantity
AB39-21648A40-AA	Felt Pad	2

Labor Times

Description	Operation No.	Time
Manual Front Seat(s) - Front Seat Squeak	212035A	0.7 Hrs.

Repair/Claim Coding

Causal Part:	2163222
Condition Code:	33

PDR Table

PDR Code	Description	Time
TSB212035	Manual Front Seat - Diagnose Front Seat Squeak and Fit Felt Pads to the Cushion Frame	0.7 Hrs.

Inspection Procedure

1. Push on the front of the seat cushion(s) area to confirm if the squeak is present. Is a squeak identified from the front seat cushion?
 - (1). Yes – proceed to Step 2.
 - (2). No – this TSB does not apply, refer to Workshop Manual (WSM) Section 501-10A for normal diagnosis/repair.
2. Remove the front seat cushion. For additional information, refer to WSM Section 501-10A.
3. Inspect the front seat cushion. (Figure 1)
 - (1). Press on the front half pan and check for a squeak type noise.
 - (2). Check for a zero gap between the front half pan and both side frames.

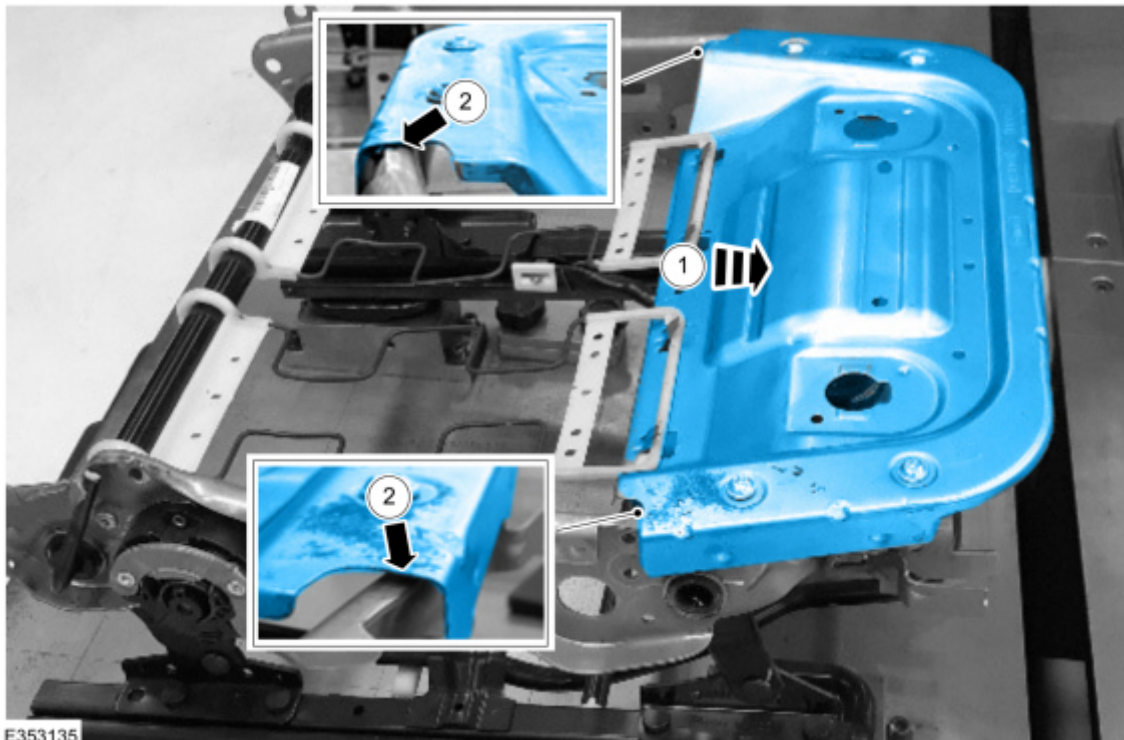


Figure 1

4. Is there a squeak identified and/or a zero gap between the front half pan and side frame(s)?
- (1). No - this TSB does not apply, refer to WSM Section 501-10A for normal diagnosis/repair.
 - (2). Yes – proceed to the Service Procedure below.

Service Procedure

1. Remove the 2 springs from the seat cushion. (Figure 2)

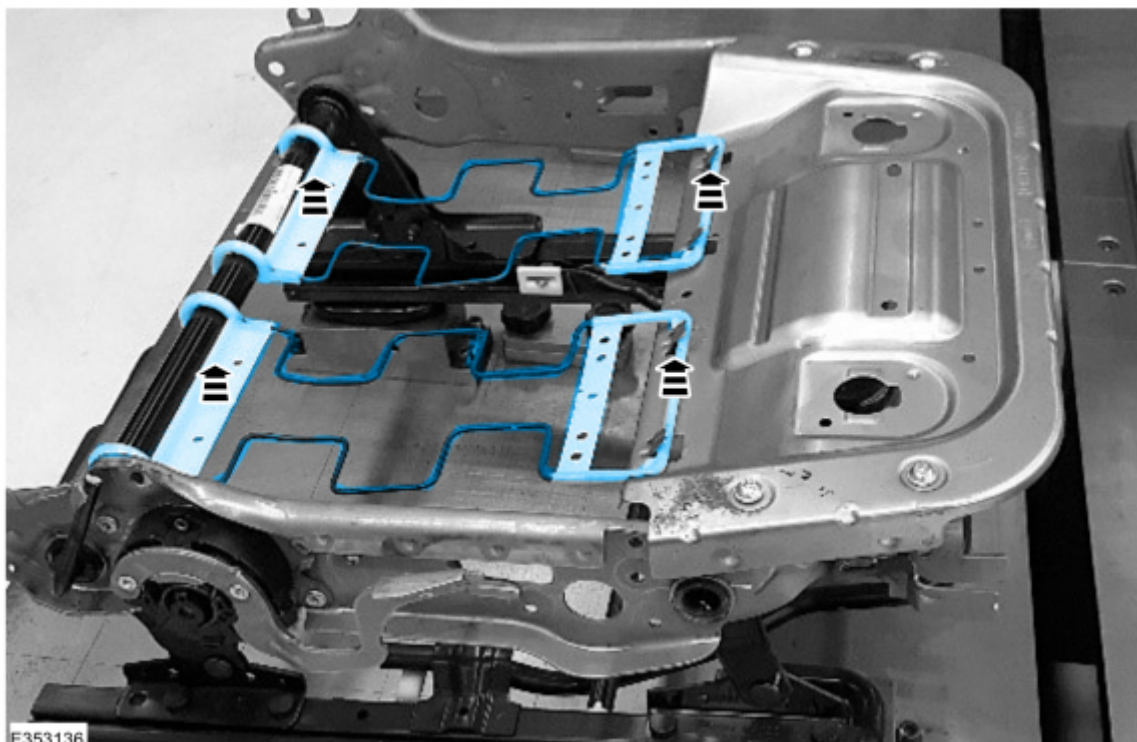


Figure 2

2. Remove the 4 T30 Torx screws from the front half pan. (Figure 3)

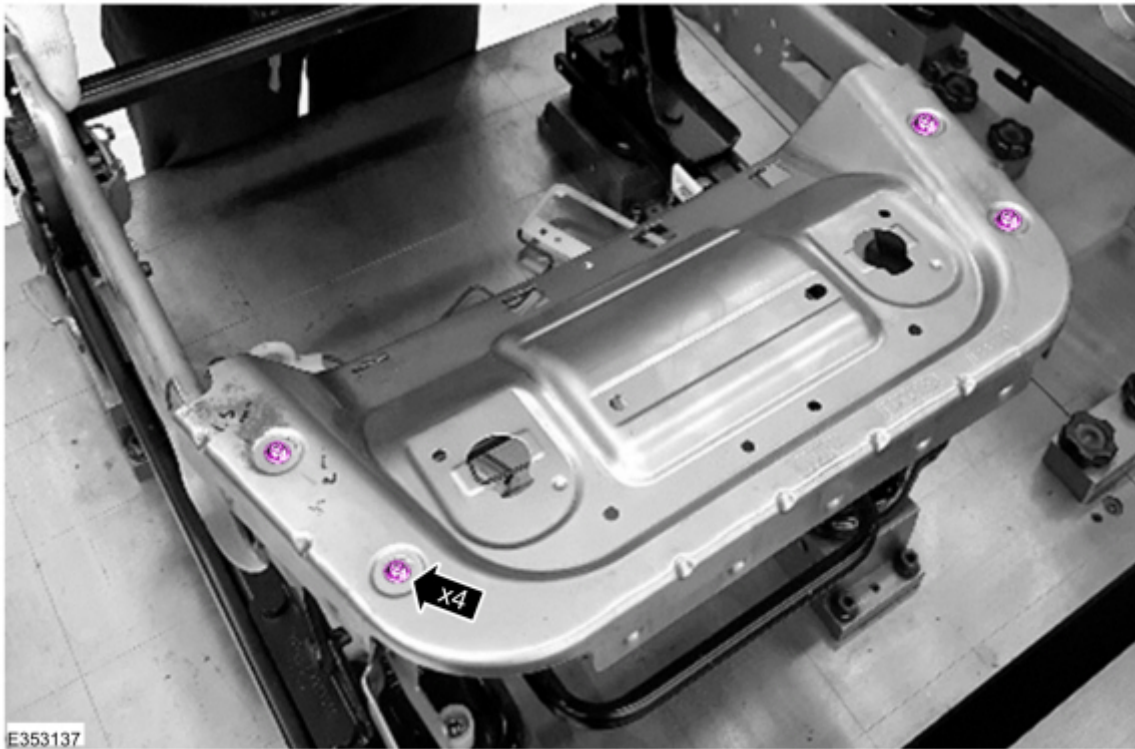


Figure 3

3. Place the front half pan and felt onto a suitable work surface. (Figure 4)

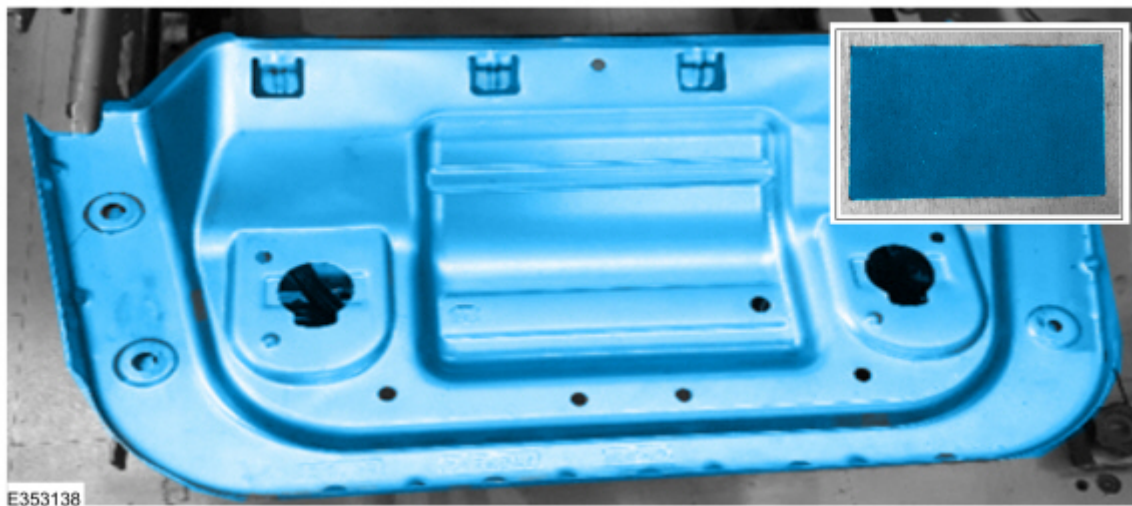


Figure 4

4. Add felt to the half pan.

- (1). Attach felt underneath the half pan at the 2 points shown below using around 50% of the felt. Make sure the felt is touching the area where the pan meets the seat side frames. (Figure 5)
- (2). Rotate the half pan and attach the remaining felt as shown. (Figure 6)

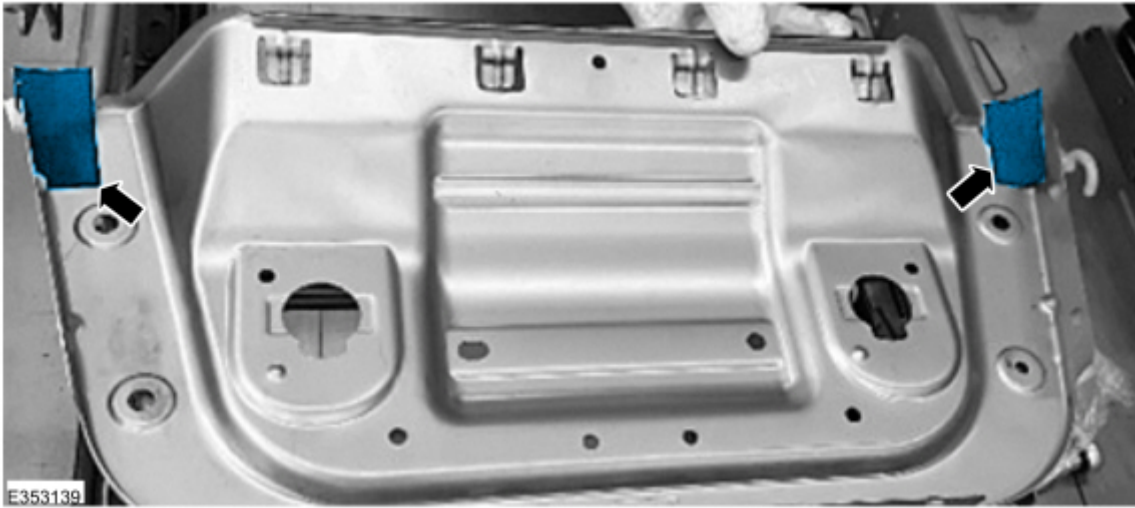


Figure 5

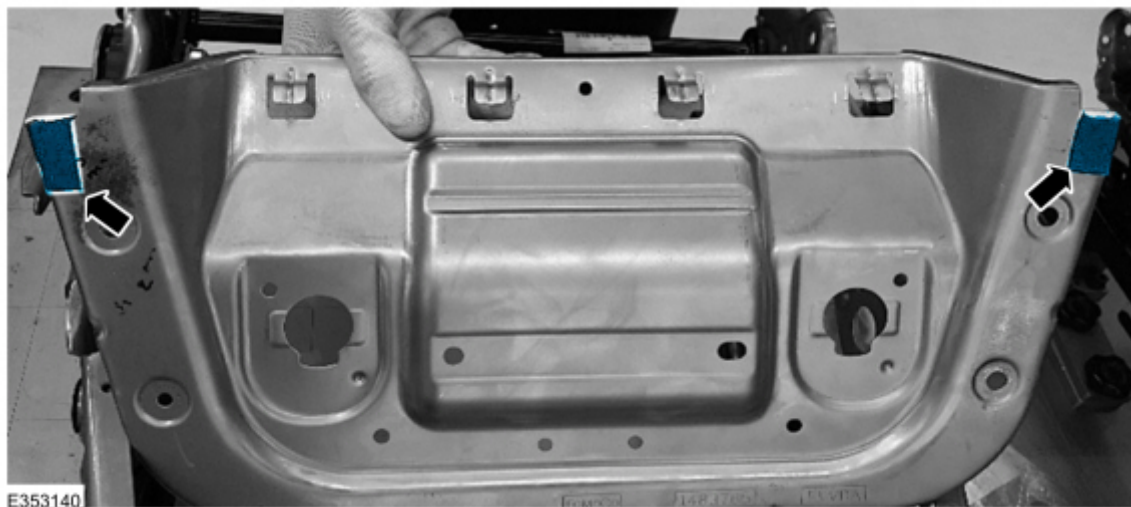


Figure 6

5. Refit the front half pan and tighten the T30 Torx screws in the correct sequence. (Figure 7)

NOTE: Be sure to avoid cross threading of the screws while tightening

Torque: 6 +/- 0.6 Nm

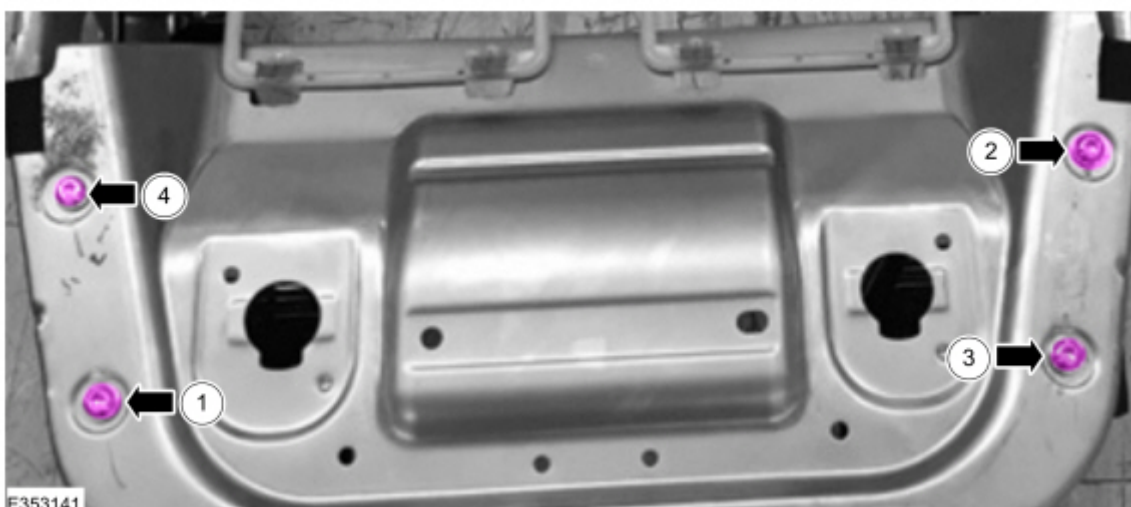


Figure 7

6. Assemble the 2 cushion springs and check to ensure they are positioned correctly. (Figure 8)

NOTE: The Felt must not be loose.

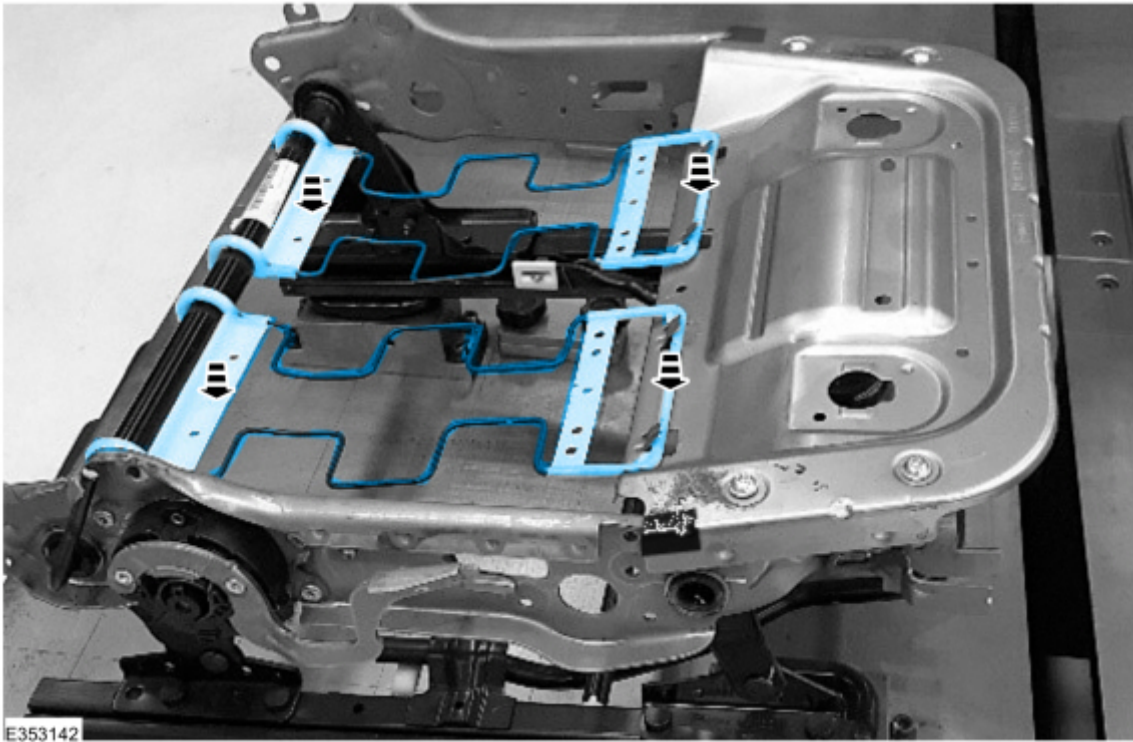


Figure 8

7. Push on the front half pan at the 2 points shown to ensure the squeak noise is no longer present. (Figure 9)



Figure 9

8. Assemble the seat and install to the vehicle. For additional information, refer to WSM Section 501-10A.