

## CERTAIN 2018 MODEL YEAR EXPEDITION VEHICLES — COMFORT LOCK INSPECTION AND MARRIAGE BOLT TORQUE

### OVERVIEW

Some of the affected vehicles may not conform to the requirements specified by Federal Motor Vehicle Safety Standard (FMVSS) 202a Head Restraints, 207 Seating Systems, and/or FMVSS 210 Seat Belt Assembly Anchorages. An incorrectly located "Comfort Lock" latch may allow the 2nd row 40% seat(s) to be adjusted forward of the intended maximum position, which could result in improper occupant positioning. Additionally, the 2nd row 40% seat back marriage bolts may not be properly torqued, which could result in inadequate seat retention. An inadequately retained seat or improperly positioned occupant may increase the risk of injury in a crash.

Before demonstrating or delivering any new in-stock vehicles involved in this recall, dealers are to verify proper operation of the comfort lock latch, and verify marriage bolt alignment and torque. This service must be performed on all affected vehicles at no charge to the vehicle owner.

### SERVICE PROCEDURE

#### Recommended Tool List:

Plastic Trim Tool
3/8" Drive Torque Wrench
1/4" and 3/8" Drive Hand and Power Ratchet
1/4" Drive Sockets- T-20
3/8" Drive Socket - 13mm, T-30, T-45
1/4" Drive Extension- 6 in (152 mm)
Tape Measure



### Seat Position Comfort Lock Inspection

1. With the seats in their most forward position (Comfort Lock Forward Position), measure the position of both the RH and LH 2nd row 40% seats. See Figures 1 and 2.

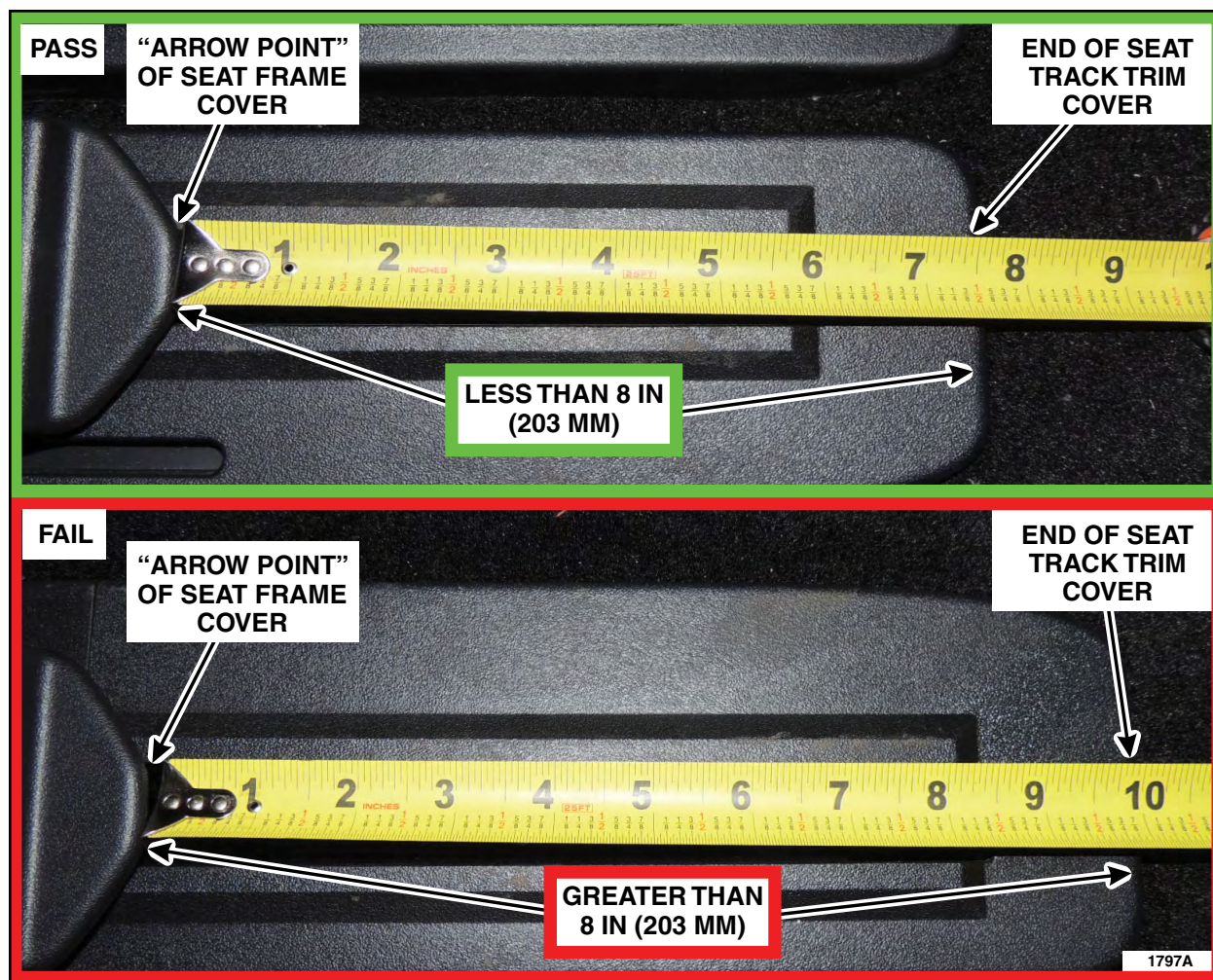
**NOTE:** Seatback folded down in Figure 1 for photographic purposes only.

- a. With the seatback upright and the seat in the full rearward position, lift up on the "towel bar" under the seat and slide the seat to the full forward position.
- b. Measure the distance from the "arrow point" of the seat frame cover to the end of the seat track trim cover on the inboard side.
- c. Repeat steps "a" and "b" five (5) times on both the RH and LH seat.



**FIGURE 1**





**FIGURE 2**

2. Was the measurement equal to or less than 8.0 in (203 mm)?

Yes – Proceed to "Marriage Bolt Inspection and Re-torque" procedure.

No – Replace the affected 2nd row 40% seat frame assembly. Transfer components from the original seat frame to the *new* assembly as required. Please follow the Workshop Manual (WSM) procedures in Section 501-10B. Repair is complete for that seat assembly.

- Transfer components as required.



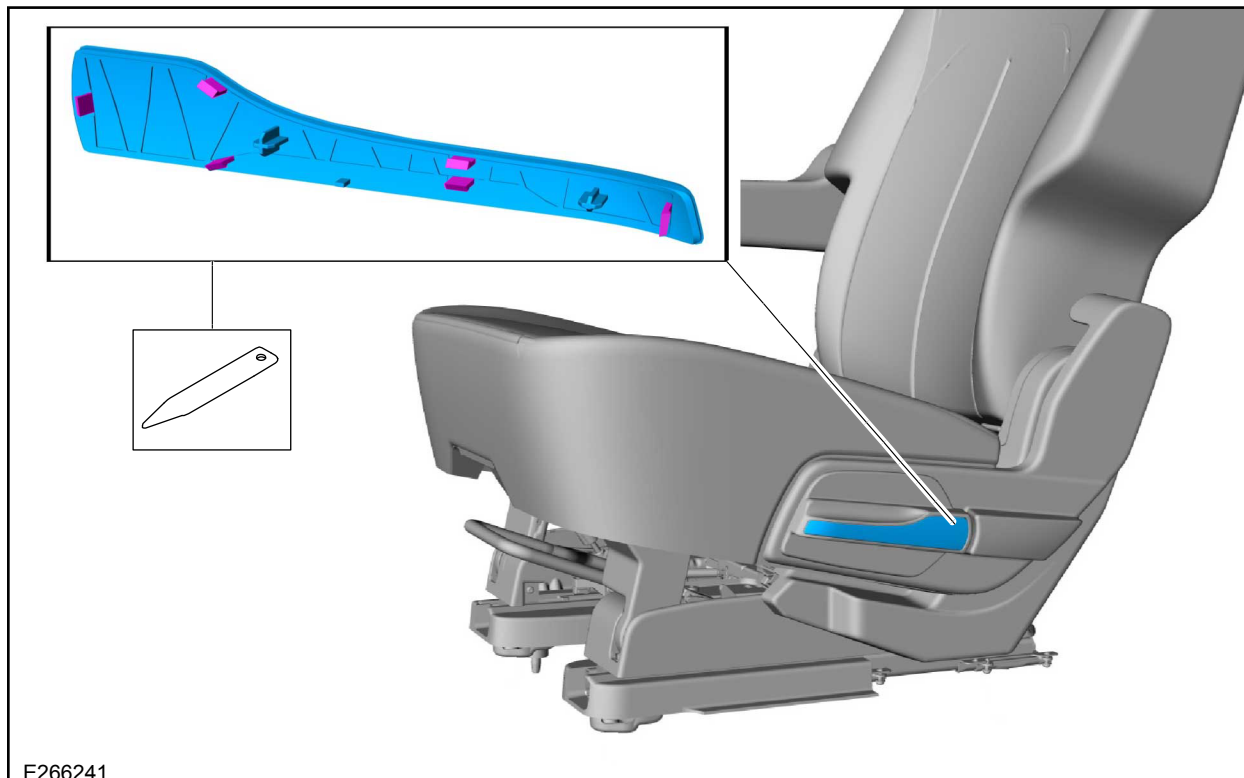
## Marriage Bolt Inspection and Re-torque

1. Does the vehicle have a walk-through 2nd row (no console or 20% seat)?

Yes – Proceed to Step 2.

No – Remove the RH and LH 40% 2nd row seats. Please follow the WSM procedures in Section 501-10B, then proceed to Step 2.

2. Release the retainers and remove the recline handle cover. See Figure 3.

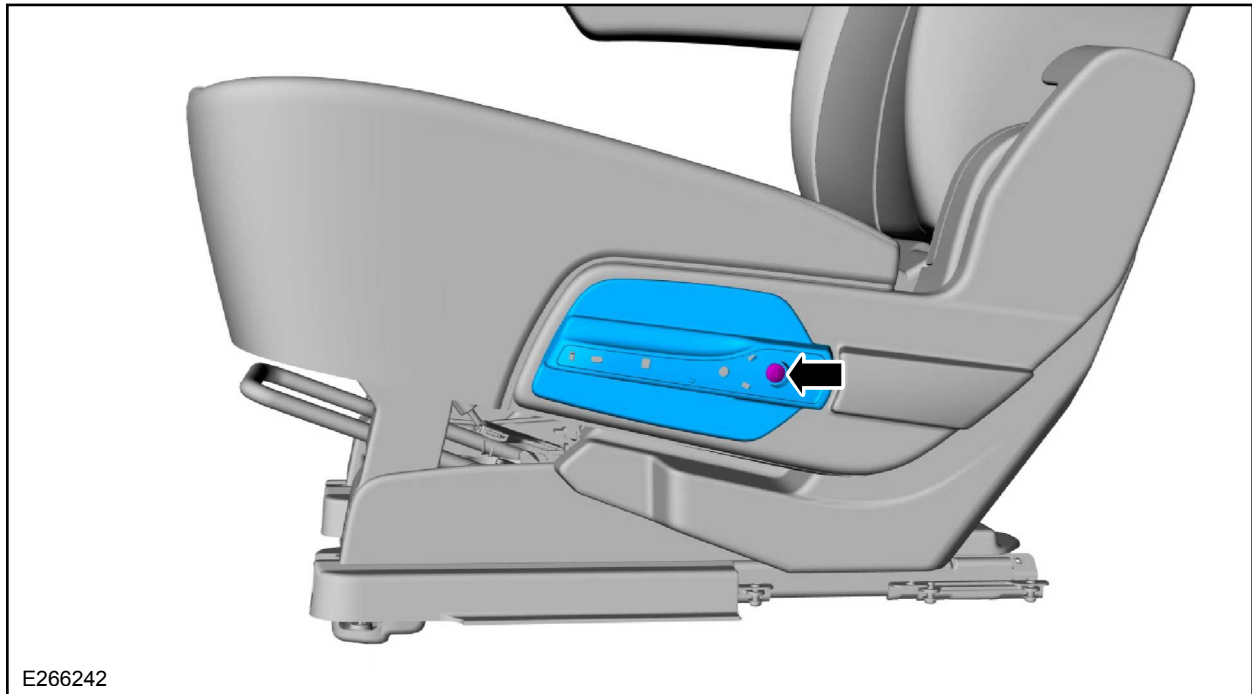


**FIGURE 3**



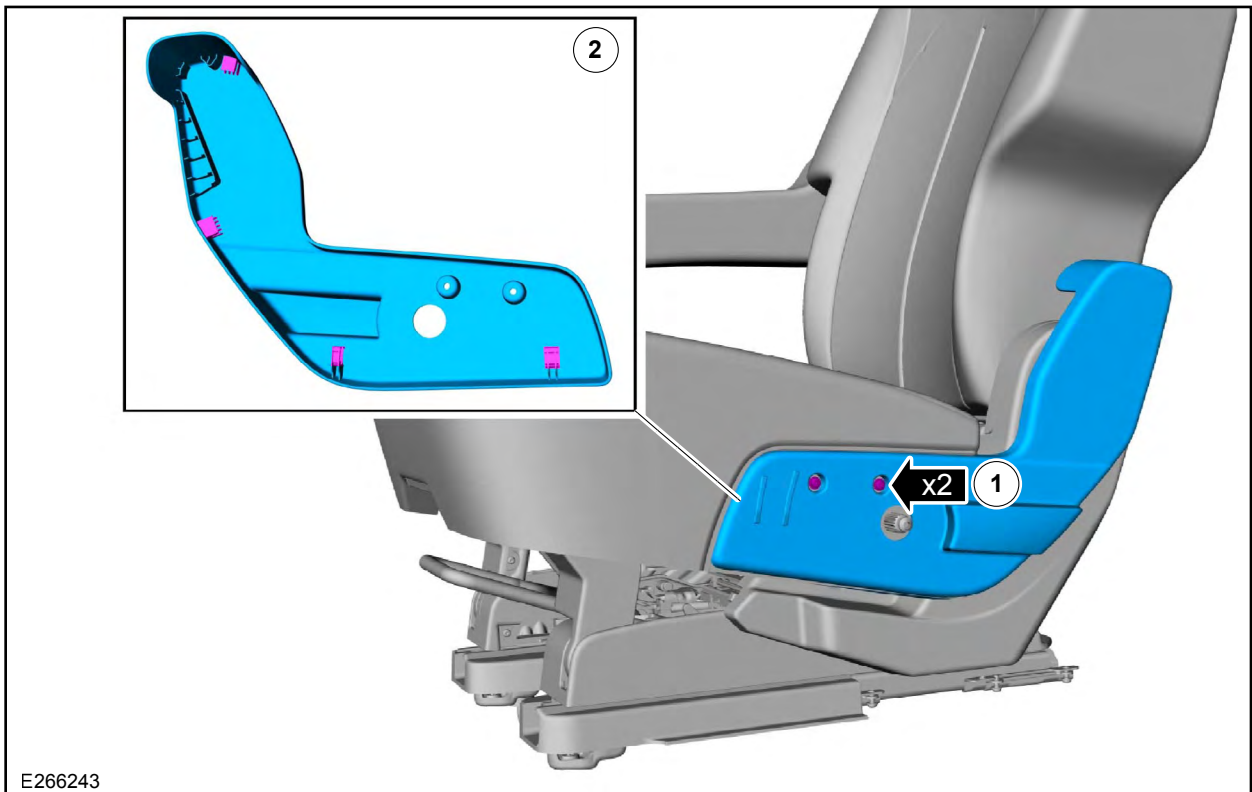


3. Remove screw and the recline handle. See Figure 4.



**FIGURE 4**

4. Remove the screws, release the retainers and remove the second row seat side shield. See Figure 5.



**FIGURE 5**



5. Remove the screws, release the retainers and remove the second row seat cushion pivot arm cover.  
See Figure 6.

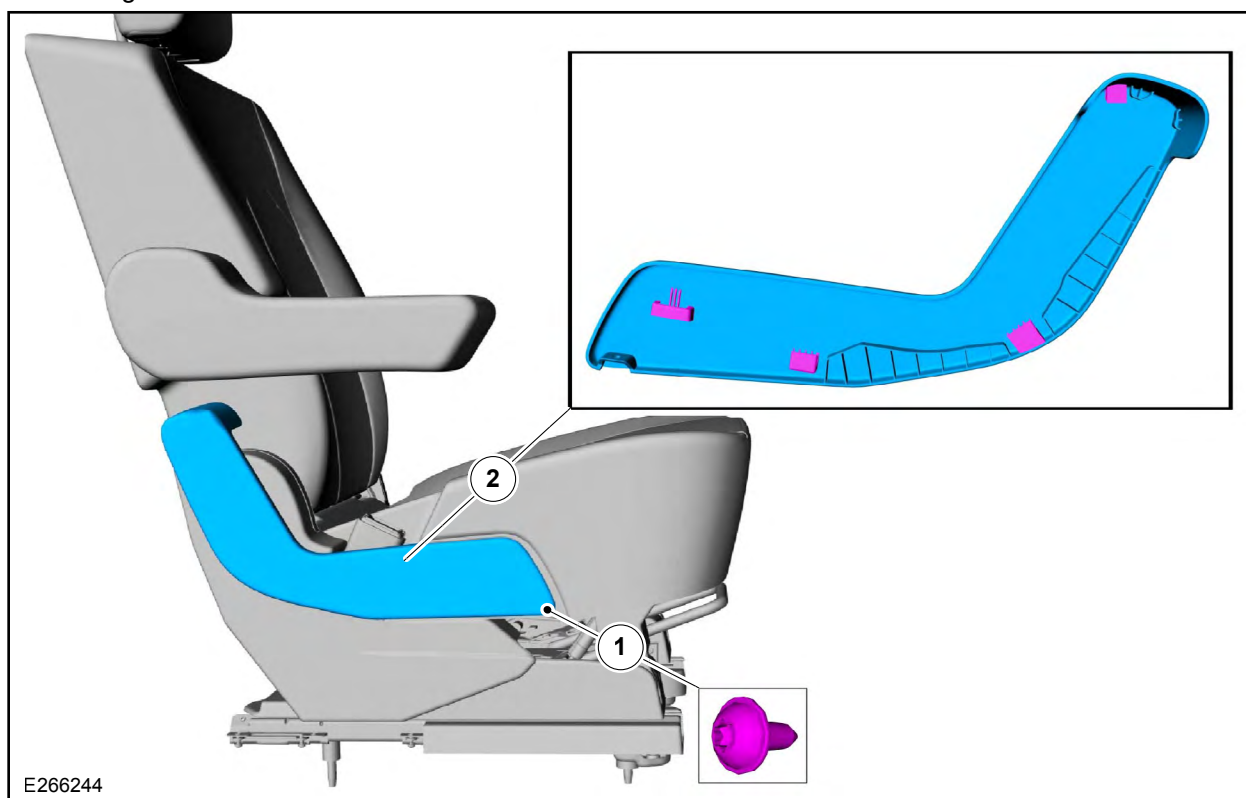
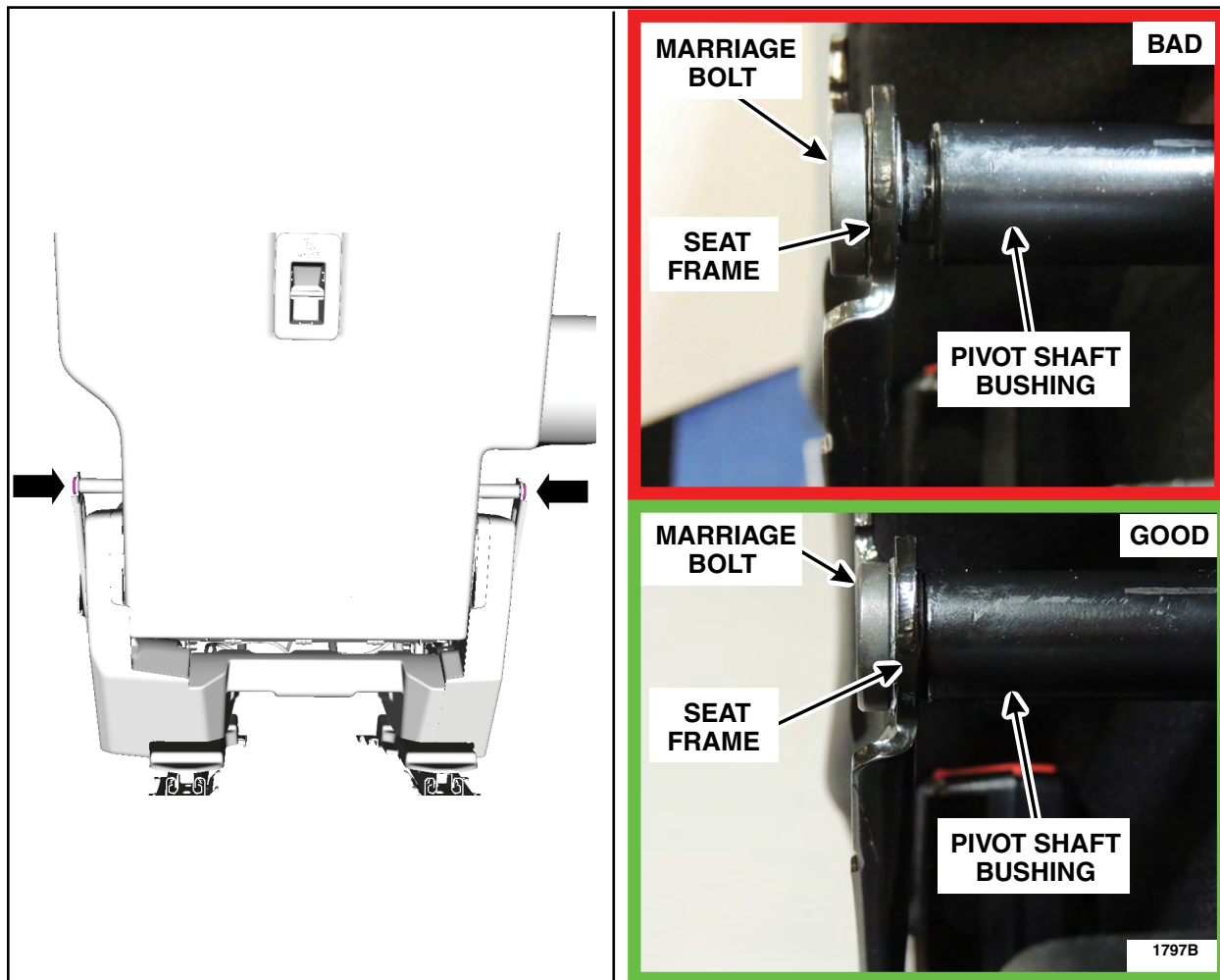


FIGURE 6



6. Verify the marriage bolts (2 per seat, four total), pivot shaft bushings and seat frames are properly aligned. See Figure 7.

- Tighten bolts to 15 Nm (11 lb-ft).



**FIGURE 7**

7. Install the second row seat cushion pivot arm cover and screws. See Figure 6.
8. Install the second row seat side shield and screws. See Figure 5.
9. Install the recline handle and screw. See Figure 4.
10. Install the recline handle cover. See Figure 3.
11. If removed, install the RH and LH 40% 2nd row seats. Please follow the WSM procedures in Section 501-10B.

