

CERTAIN 2014 MODEL YEAR E-SERIES AND F-150, 2014-2015 ESCAPE AND 2015 MKC VEHICLES - ATTACHMENT BOLT REPLACEMENT FOR SEATS, SEATBACKS, SEATBELT BUCKLES AND/OR SEATBELTS

OVERVIEW

In some of the affected vehicles, certain attachment bolts for the seats, seatbacks, seatbelt buckles and/or seatbelts may have been improperly hardened during manufacturing. Improperly hardened bolts may be more susceptible to fracture and the structural integrity of the seat or the restraint's performance could be compromised in a sudden stop or crash, increasing the risk of injury.

Dealers are to replace the affected attaching bolts for the seats, seatbacks, seatbelt buckles and/or seatbelts. This service must be performed on all affected vehicles at no charge to the vehicle owner.

SERVICE PROCEDURE

NOTE: A percentage of bolts have been over-hardened during the tempering process which increases the risk of bolt breakage on removal. If a bolt does break on removal, industry accepted methods of broken bolt extraction should be followed as needed to remove the broken bolt.

E-SERIES BOLT REPLACEMENT

Recommended Tool List For Replacement:

3/8" Torque Wrench
3/8" Drive Impact Gun
3/8" Drive 15mm Swivel Impact Socket

1. With the vehicle in neutral, position it on a hoist. Please follow the WSM procedures in Section 100-02.



2. Remove and discard the two RH and LH fourth row seat anchor bolts located near the rear bumper (four bolts total). See Figure 1.

NOTE: RH side shown, LH similar.



FIGURE 1

3. Install two *new* RH and LH fourth row seat anchor bolts (four bolts total). See Figure 1.

- Tighten bolts to 38 lb.ft (51 Nm).



F-150 BOLT REPLACEMENT

Recommended Tool List For Replacement:

3/8" Torque Wrench
3/8" Drive Impact Gun
3/8" Drive 15mm Swivel Impact Socket

1. Remove and discard the two front seat bolts from both front seats (four bolts total). See Figure 2.

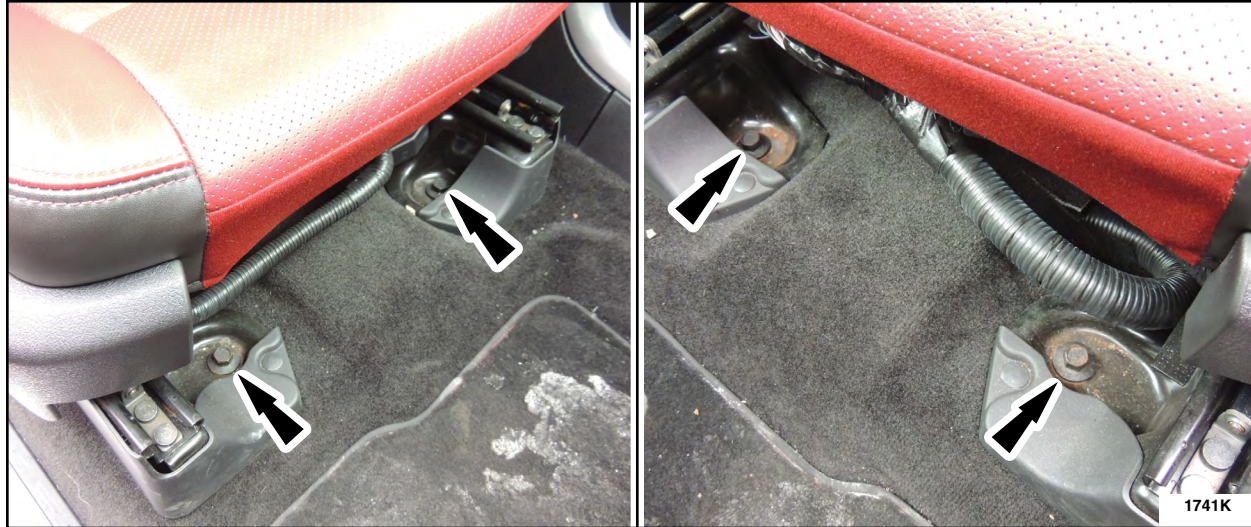


FIGURE 2

2. Install two *new* front seat bolts to both front seats (four bolts total). See Figure 2. The inboard seat mounting bolts must be tightened first, followed by the outboard bolts.

- Tighten bolts to 41 lb.ft (55 Nm).



ESCAPE BOLT REPLACEMENT

Recommended Tool List For Replacement:

Trim Tool 6 in (152 mm)
Side Cutters
3/8" Torque Wrench
3/8" Drive Impact Gun
3/8" Drive 15mm Swivel Impact Socket
3/8" Drive 18mm Shallow Impact Socket

1. Remove the RH and LH rear seat cushion bolt covers. See Figure 3.

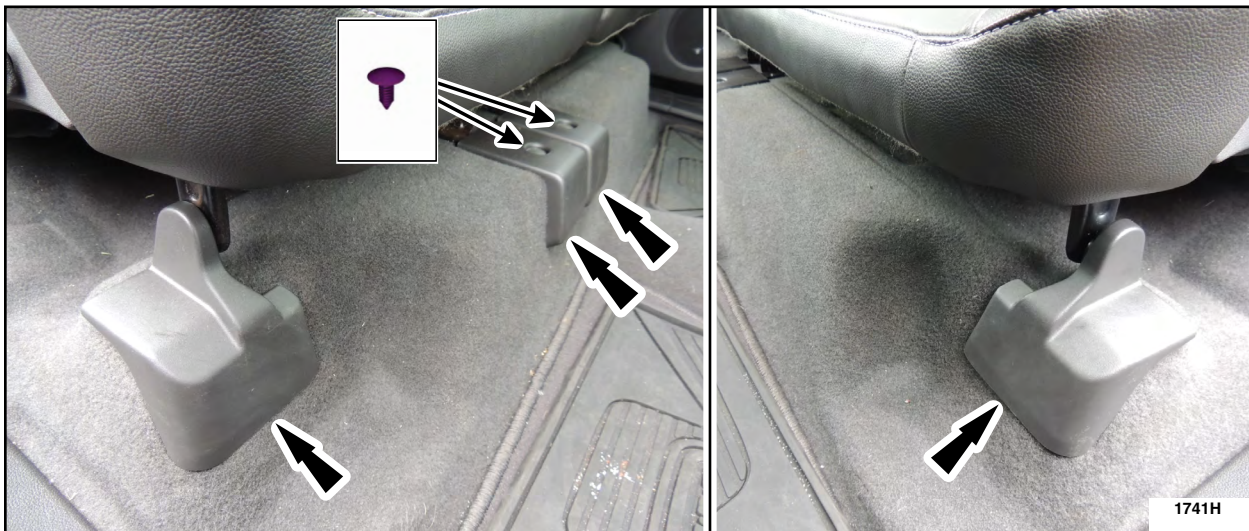


FIGURE 3

2. Remove the RH and LH rear seat cushion lower bolts. See Figure 4. Position both seat cushions up.

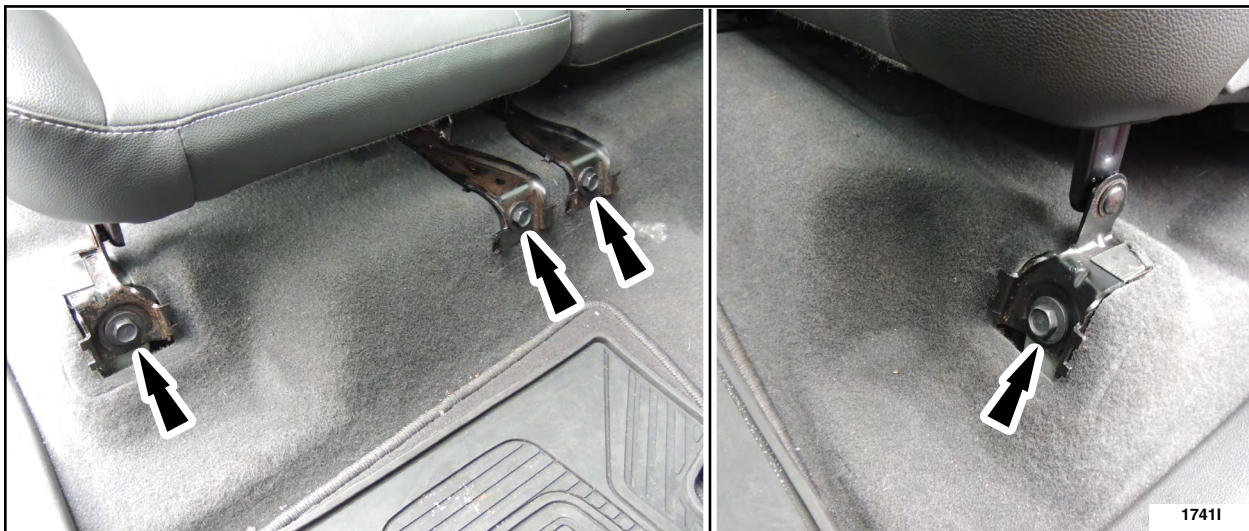


FIGURE 4



3. Remove and discard the three seat backrest-to-floor rear bolts. See Figure 5.

- If equipped, remove and discard the retaining clip from the seat belt retractor/buckle bolt.

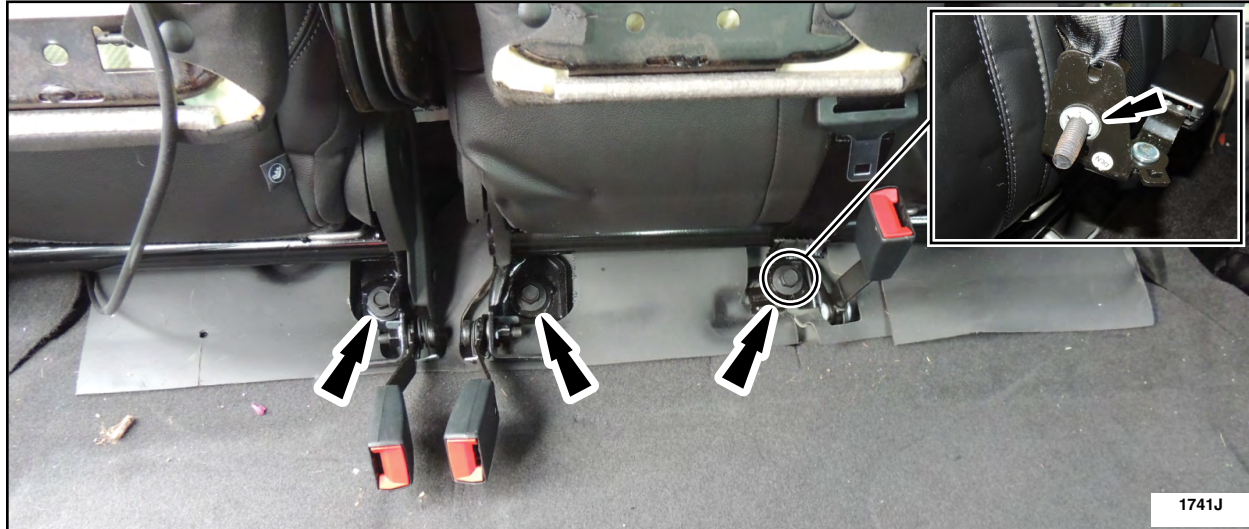


FIGURE 5

3. Install three *new* seat backrest-to-floor rear bolts. See Figure 5.

- Tighten bolts to 52 lb.ft (70 Nm).

4. Position both seat cushions down and reinstall the RH and LH rear seat cushion lower bolts. See Figure 4.

- Tighten bolts to 30 lb.ft (40 Nm).

5. Reinstall the RH and LH rear seat cushion bolt covers. See Figure 3.



MKC BOLT REPLACEMENT

Recommended Tool List For Replacement:

Side Cutters
3/8" Torque Wrench
3/8" Drive Impact Gun
3/8" Drive 15mm Swivel Impact Socket
3/8" Drive 18mm Shallow Impact Socket

1. Remove the rear seat cushion. Please follow the Workshop Manual (WSM) procedures in Section 501-10B.
2. Remove and discard the five seat backrest-to-floor retainers. See Figure 6.
 - If equipped, remove and discard the retaining clip from the seat belt retractor/buckle bolt.



FIGURE 6

3. Install five *new* seat backrest-to-floor bolts. See Figure 6.
 - Tighten bolts to 52 lb.ft (70 Nm).
4. Install the rear seat cushion. Please follow the WSM procedures in Section 501-10B.

