



TECHNICAL SERVICE BULLETIN

Front Seat Cushion Sagging - Built On Or Before 11-Feb-2021

23-2235

02 October
2023

This bulletin supersedes 22-2263.

Model:

| | |
|----------------------------------|--------------------------------|
| Ford 2019-2021 Transit | Built on or before 11-Feb-2021 |
|----------------------------------|--------------------------------|

Summary

This article supersedes TSB 22-2263 to update the Title, Issue, Action, Service Procedure, and Part List.

Issue: Some 2019-2021 Transit vehicles built on or before 11-Feb-2021 may experience a front seat cushion sagging. The vehicle may also exhibit an illuminated air bag warning indicator with diagnostic trouble codes (DTCs) B1408, B1405, B1407, B0001 and/or B0010 stored in the restraints control module (RCM). To correct this condition, follow the Service Procedure to replace the suspension mat assembly and install additional webbing strap assemblies to the seat frame.

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

- 2019-2021 Transit
- Built on or before 11-Feb-2021
- At least one of the following conditions:
 - Seat cushion sagging
 - Illuminated air bag warning indicator with DTCs B1408, B1405, B1407, B0001 and/or B0010

Parts

| Service Part Number | Quantity | Description | Unit of Issue | Piece Quantity |
|---------------------|----------|-------------------------------|---------------|----------------|
| LK4Z-61632A22-C | 1 | Front Seat Cushion Repair Kit | 1 | 1 |
| LK4Z-6162948-A | 2 | Front Seat Cushion Strap | 1 | 2 |
| CK4Z-9961711-H | 1 | Seat Track Assembly | 1 | 1 |
| LK4Z-14A699-B | 1 | Seat Airbag Harness | 1 | 1 |

Quantity refers to the amount of the service part number required to repair the vehicle.

Unit of Issue refers to the number of individual pieces included in a service part number package.

Piece Quantity refers to the total number of individual pieces required to repair the vehicle.

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/SPW/SSP/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

| Description | Operation No. | Time |
|---|---------------|----------|
| 2019-2021 Transit: Retrieve DTCs, Install The Seat Cushion Service Kit In The Right Front Seat Includes Time To Remove And Install Seat (Can Be Claimed With Operation D And F) (Do Not Use With Any Labor Operations Outside Of This Article) | 232235A | 1.0 Hrs. |
| 2019-2021 Transit: Retrieve DTCs, Install The Seat Cushion Service Kit In The Left Front Seat Includes Time To Remove And Install Seat (Can Be Claimed With Operation D Or E And F Or G) (Do Not Use With Any Labor Operations Outside Of This Article) | 232235B | 1.0 Hrs. |

| | | |
|--|---------|----------|
| 2019-2021 Transit: Retrieve DTCs, Install The Seat Cushion Service Kit In Both Right And Left Front Seats Includes Time To Remove And Install Seats (Can Be Claimed With Operation D Or E And F Or G) (Do Not Use With Any Labor Operations Outside Of This Article) | 232235C | 1.7 Hrs. |
| 2019-2021 Transit: Additional Time To Be Used When Seat Track Assembly Is Replaced One (1) Front Seat (Can Be Claimed With Operation A-C) (Do Not Use With Any Labor Operations Outside Of This Article) | 232235D | 0.4 Hrs. |
| 2019-2021 Transit: Additional Time To Be Used When Seat Track Assembly Is Replaced Both (2) Front Seats (Can Be Claimed With Operation C) (Do Not Use With Any Labor Operations Outside Of This Article) | 232235E | 0.7 Hrs. |
| 2019-2021 Transit: Additional Time To Be Used When Seat Airbag Harness Is Replaced One (1) Front Seat (Can Be Claimed With Operation A-C) (Do Not Use With Any Labor Operations Outside Of This Article) | 232235F | 0.1 Hrs. |
| 2019-2021 Transit: Additional Time To Be Used When Seat Airbag Harness Is Replaced Both (2) Front Seats (Can Be Claimed With Operation C) (Do Not Use With Any Labor Operations Outside Of This Article) | 232235G | 0.2 Hrs. |

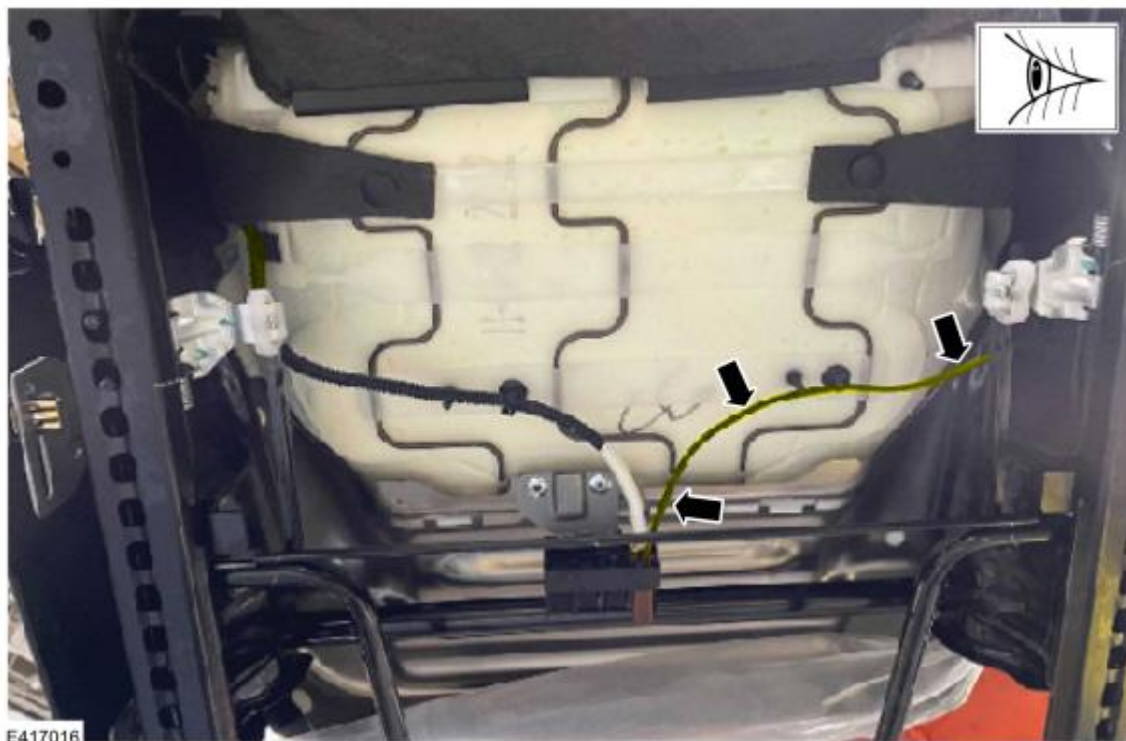
Repair/Claim Coding

| | |
|-----------------|---------|
| Causal Part: | 9961711 |
| Condition Code: | 01 |

Service Procedure

1. Remove the affected driver seat track. Refer to Workshop Manual (WSM), Section 501-10A, starting with Step 2.
2. Inspect the seat airbag deployment circuit for damage as shown in Figure 1. If damage is present, replace the seat airbag harness.

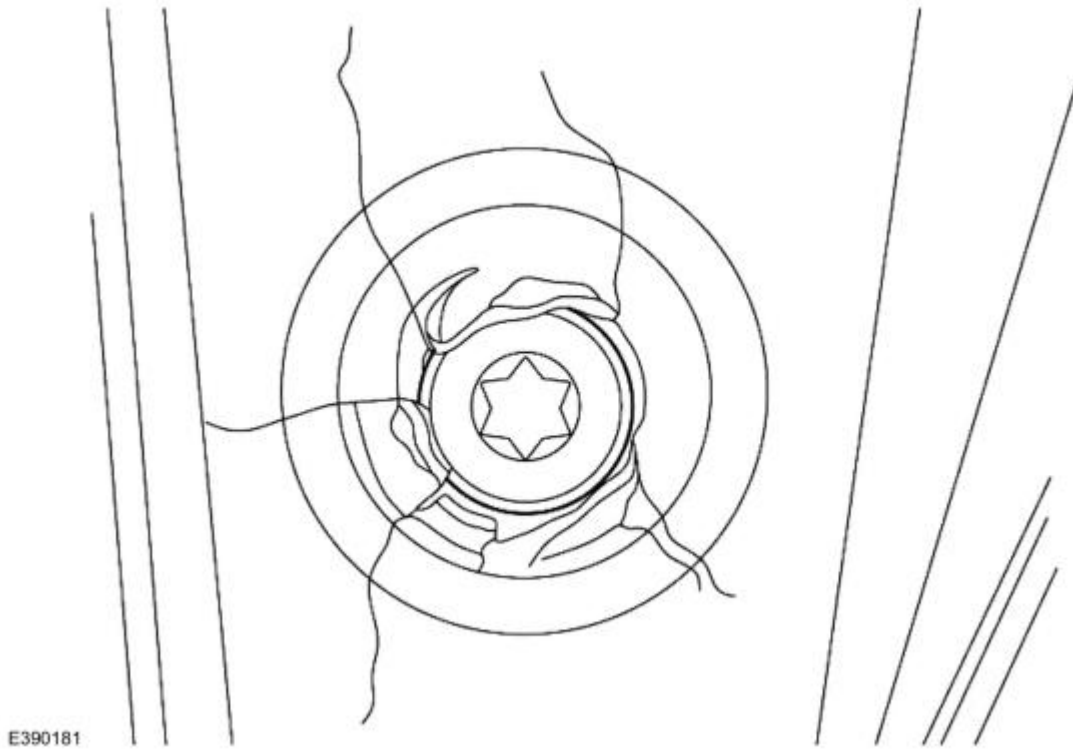
Figure 1



3. Inspect the driver seat track assembly for damage. Is the driver seat track assembly damaged?

NOTE: Small cracks around the bolt are considered normal. (Figure 2)

Figure 2



(1). Yes - replace the seat track assembly. Refer to WSM, Section 501-10A Front Seats > Removal and Installation > Front Seat Track. Proceed to Step 5.

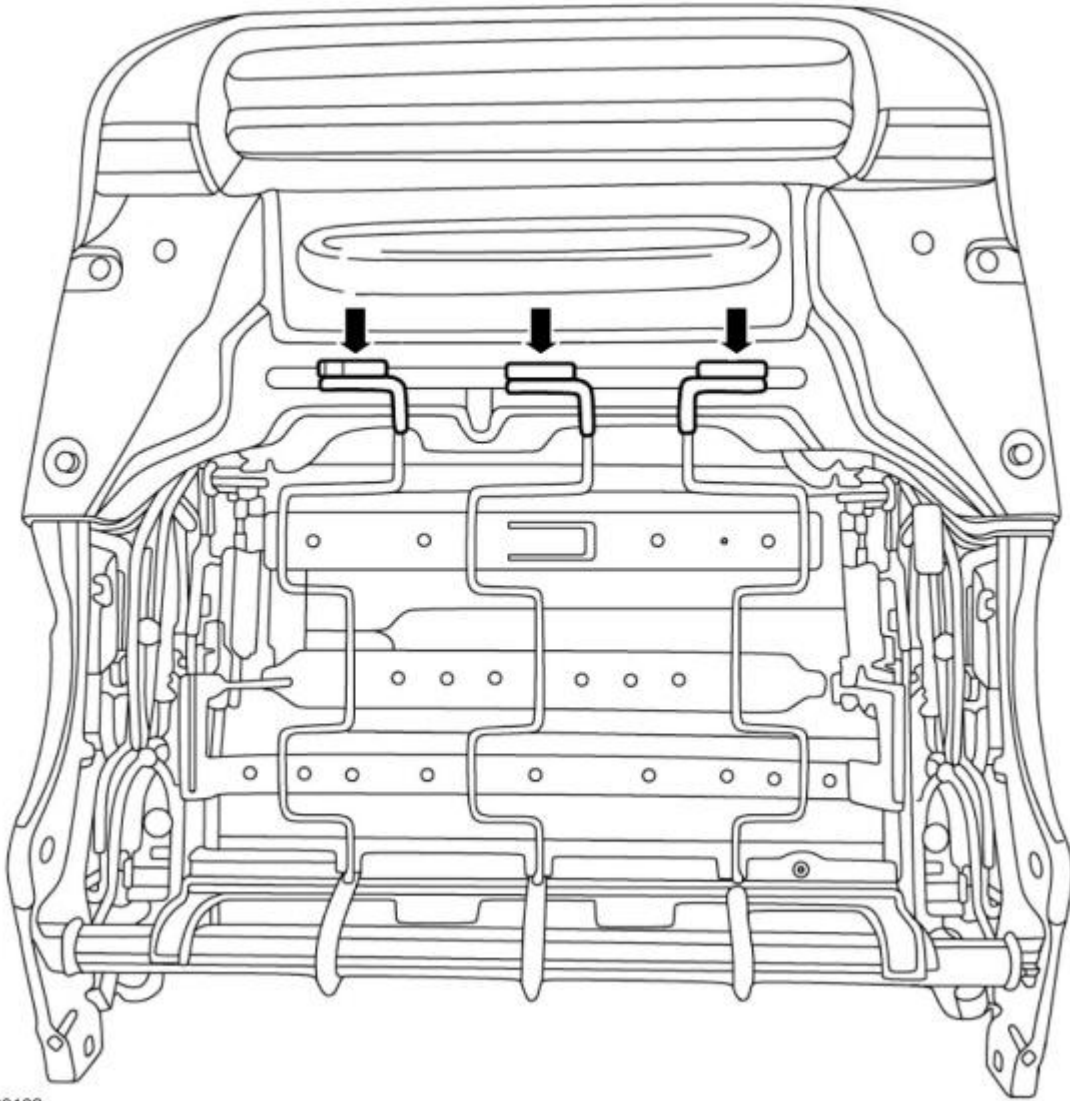
(2). No - proceed to Step 4.

4. Remove the damaged suspension mat assembly.

(1). Remove all wire harness attachments (fir trees) from the suspension mat assembly.

(2). Disengage the 3 suspension mat assembly forward attachments from the cushion pan. (Figure 3)

Figure 3



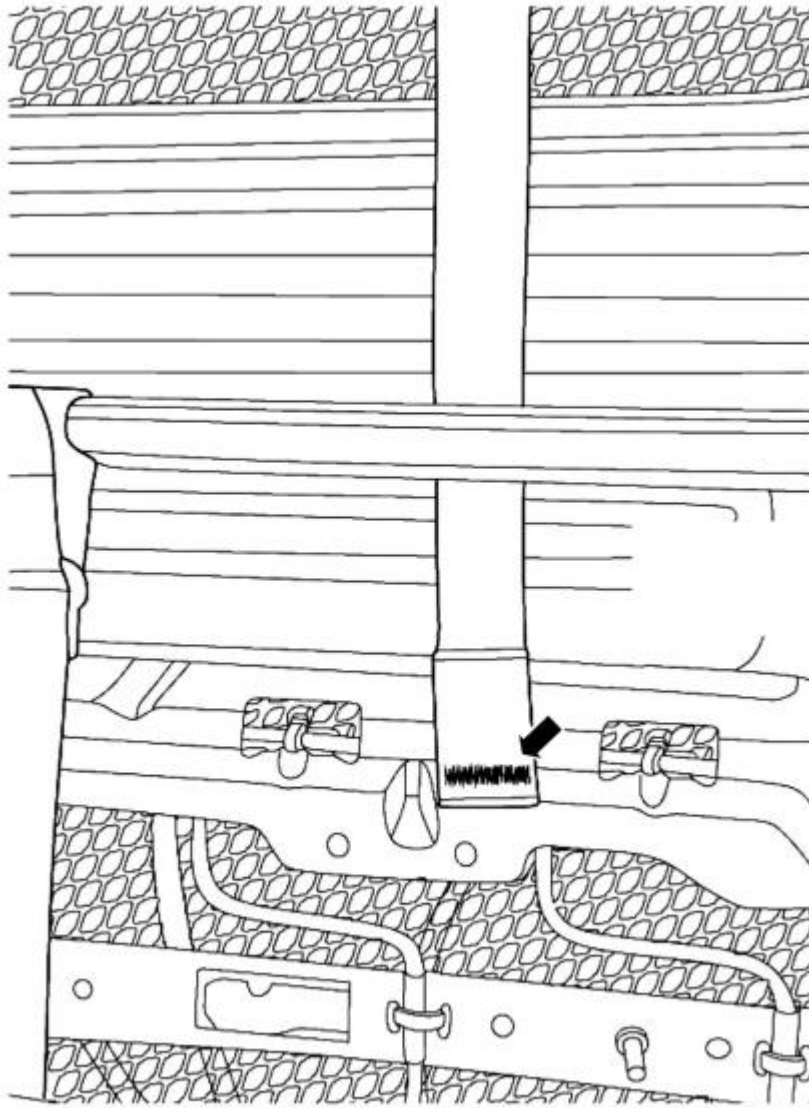
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(3). Remove the suspension mat assembly 3 rearward attachments. The suspension mat assembly has a snap fit on the rear tube. (Figure 3)

5. Install 2 webbing straps assemblies. Installation shown from the under-side of cushion assembly.

(1). With the red thread visible, route the end of the 1st webbing strap assembly without the metal ring between the cushion pan and the front cross-car tube. (Figure 4)

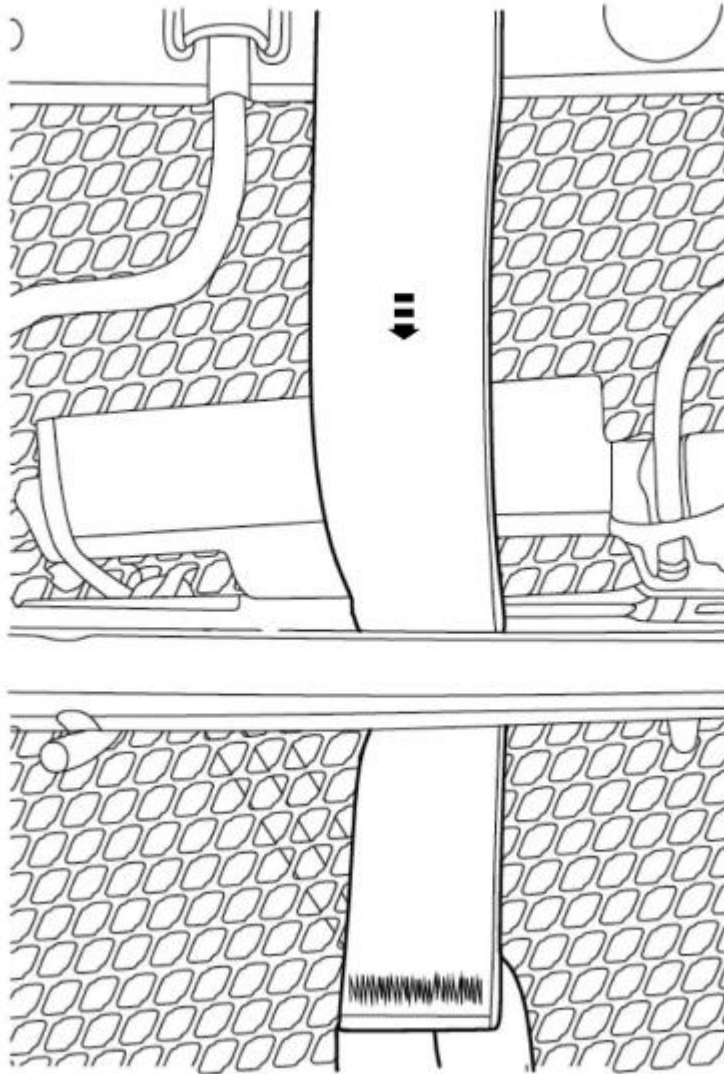
Figure 4



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(2). Continue rearward and route the webbing strap assembly between the suspension mat assembly and the rear tube. (Figure 5)

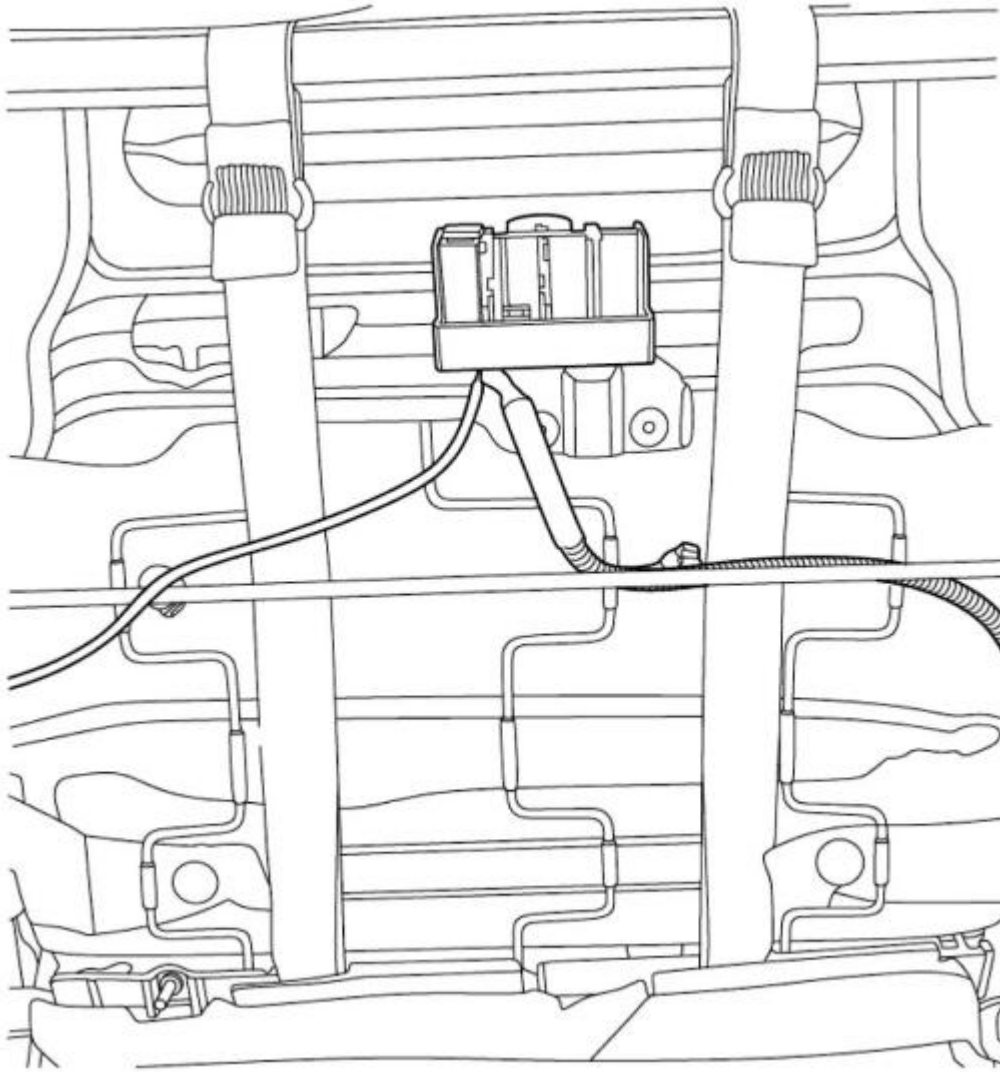
Figure 5



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(3). Make sure all electrical harnesses are below the webbing. The final assembly will have the suspension mat on top (closest to the seat cushion), then the webbing straps, and then the wire harnesses on the bottom. (Figure 6)

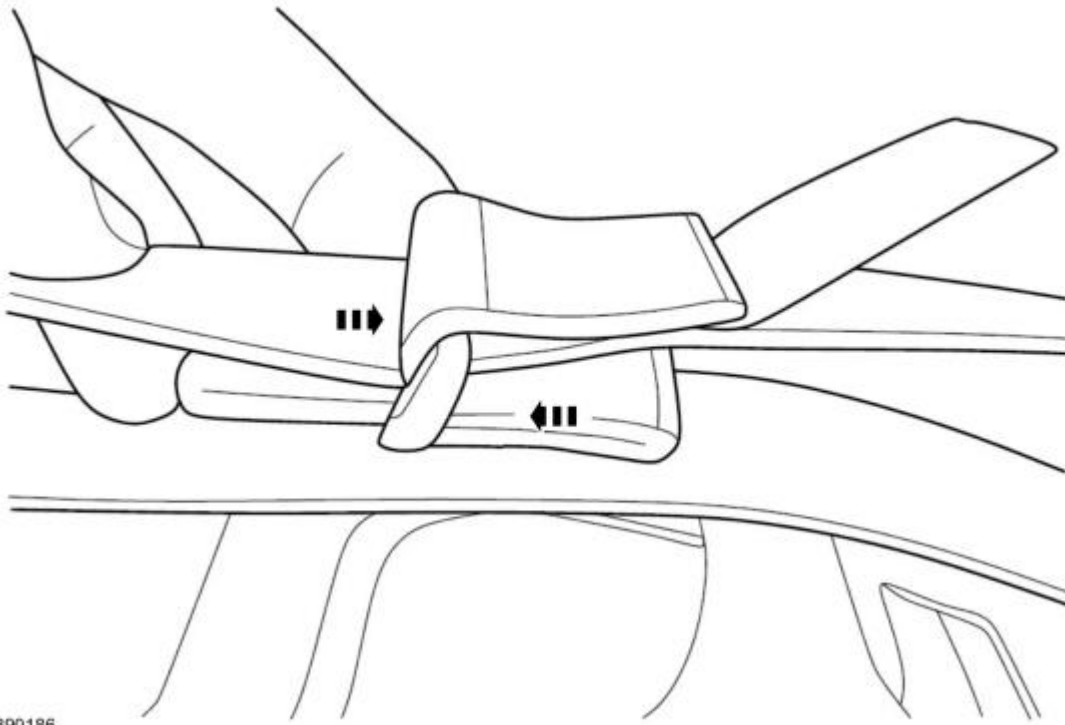
Figure 6



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(4). Bring the webbing strap assembly to the metal ring and insert it. After the fold is all the way through the ring, pull the retention fold back and into position. (Figure 7)

Figure 7

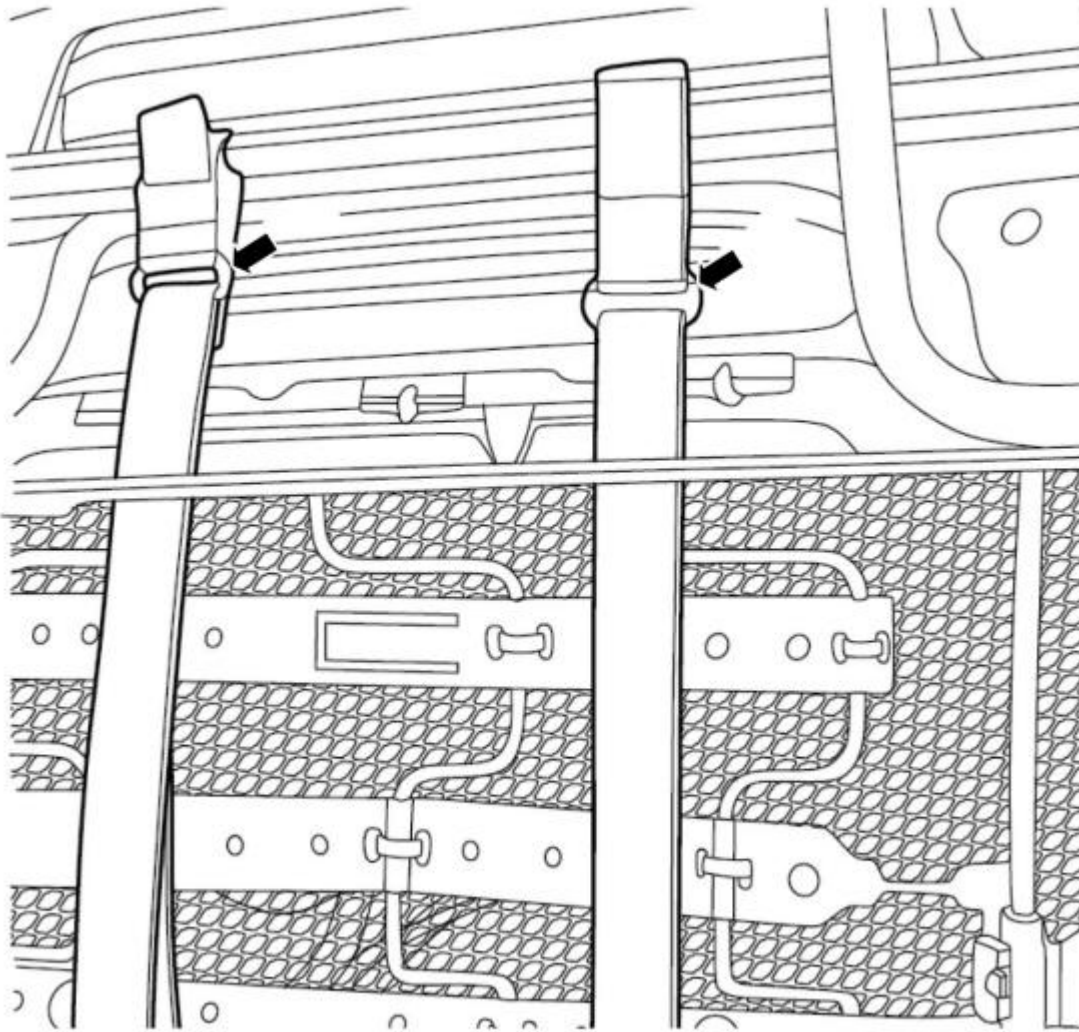


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(5). Repeat the process to install the second webbing strap assembly.

(6). The metal ring should be positioned forward in vehicle. (Figure 8)

Figure 8

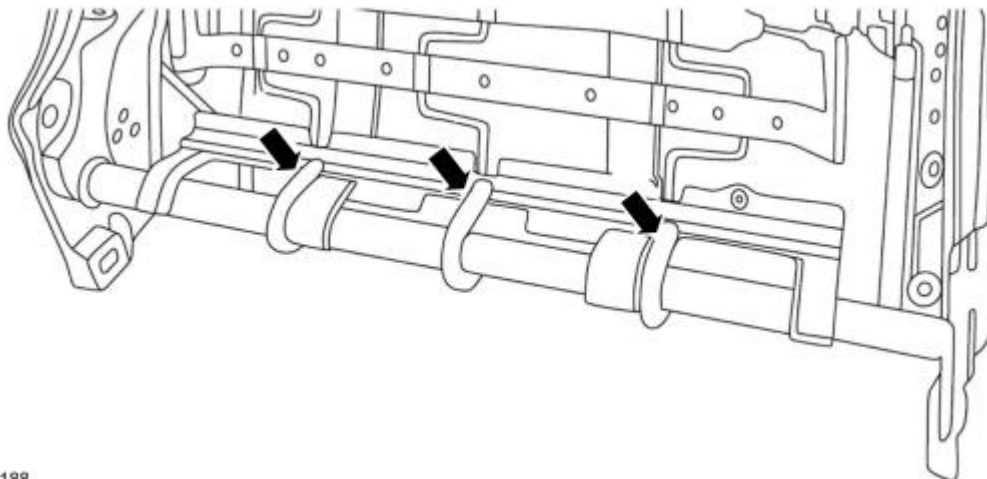


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6. Install the new suspension mat assembly from the service kit.

- (1). Locate the suspension mat to the cushion and webbing assembly.
- (2). At the rear tube verify one webbing is located between the left and center suspension attachment and the other is between the center and right suspension attachment. (Figure 9)

Figure 9

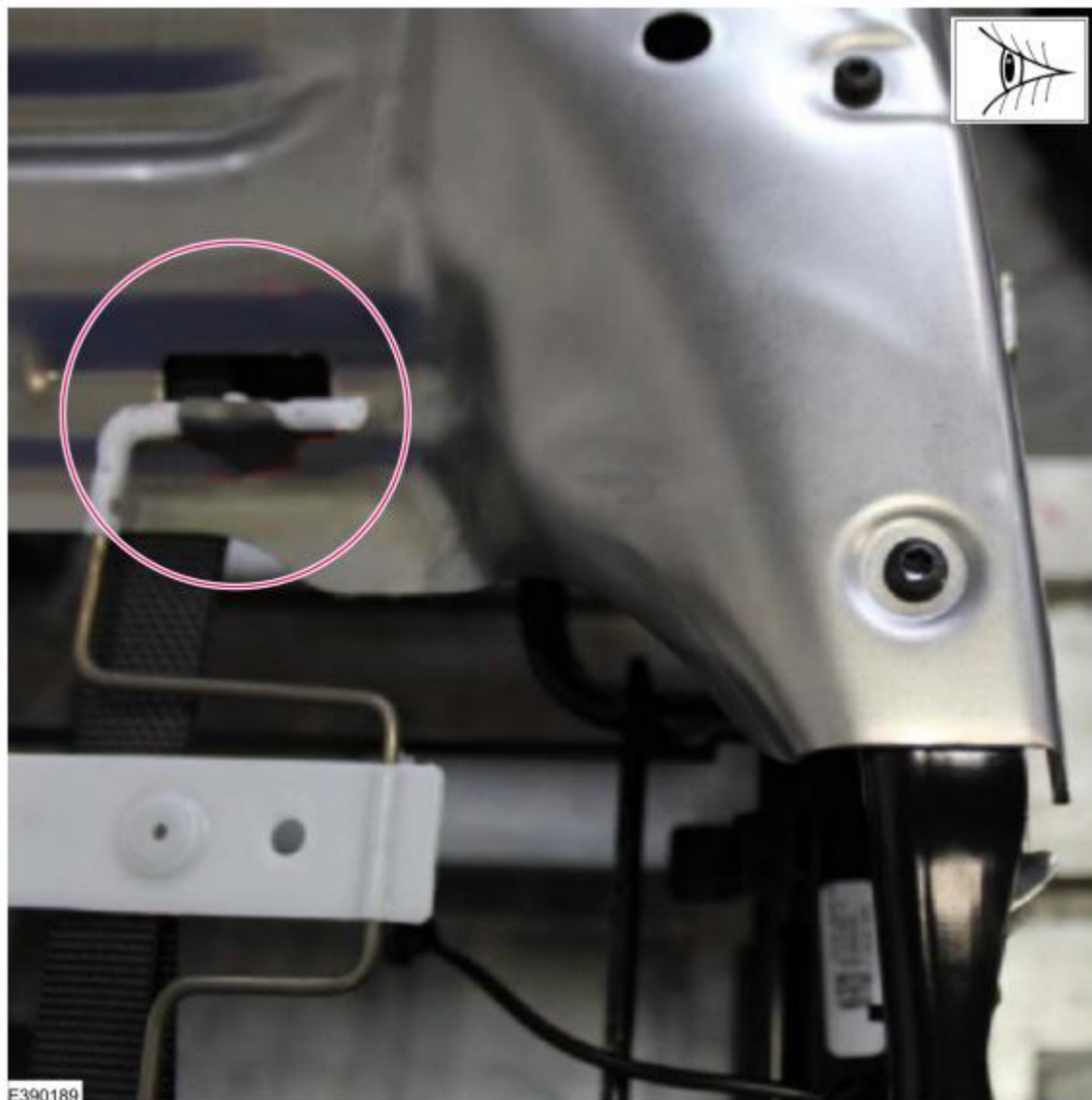


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- (3). Apply force to secure the rear attachment features, attachment feature is a snap-on.

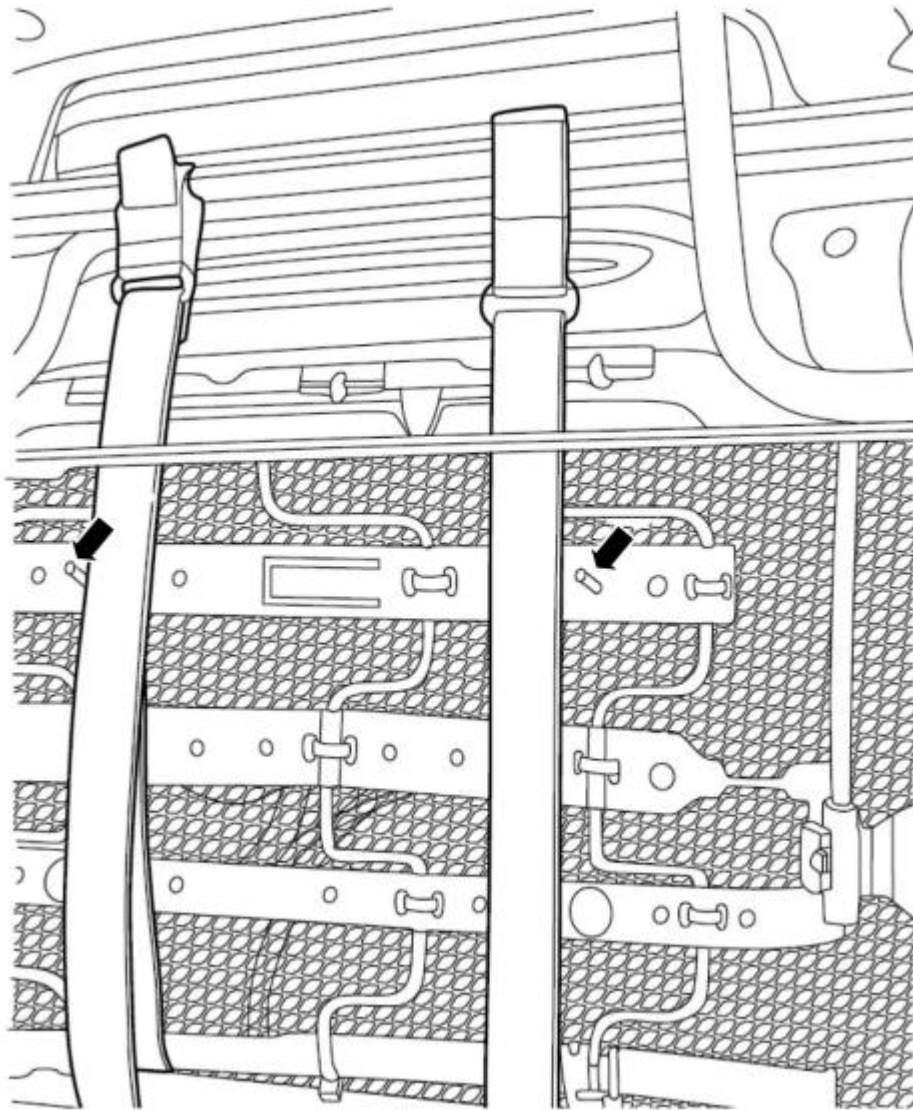
(4). Secure the front of the suspension mat to the retaining tabs on the cushion pan (no tools required). (Figure 10)

Figure 10



(5). Verify the cross-car position of the webbings. The position should be aligned with the stud on the suspension mat. (Figure 11)

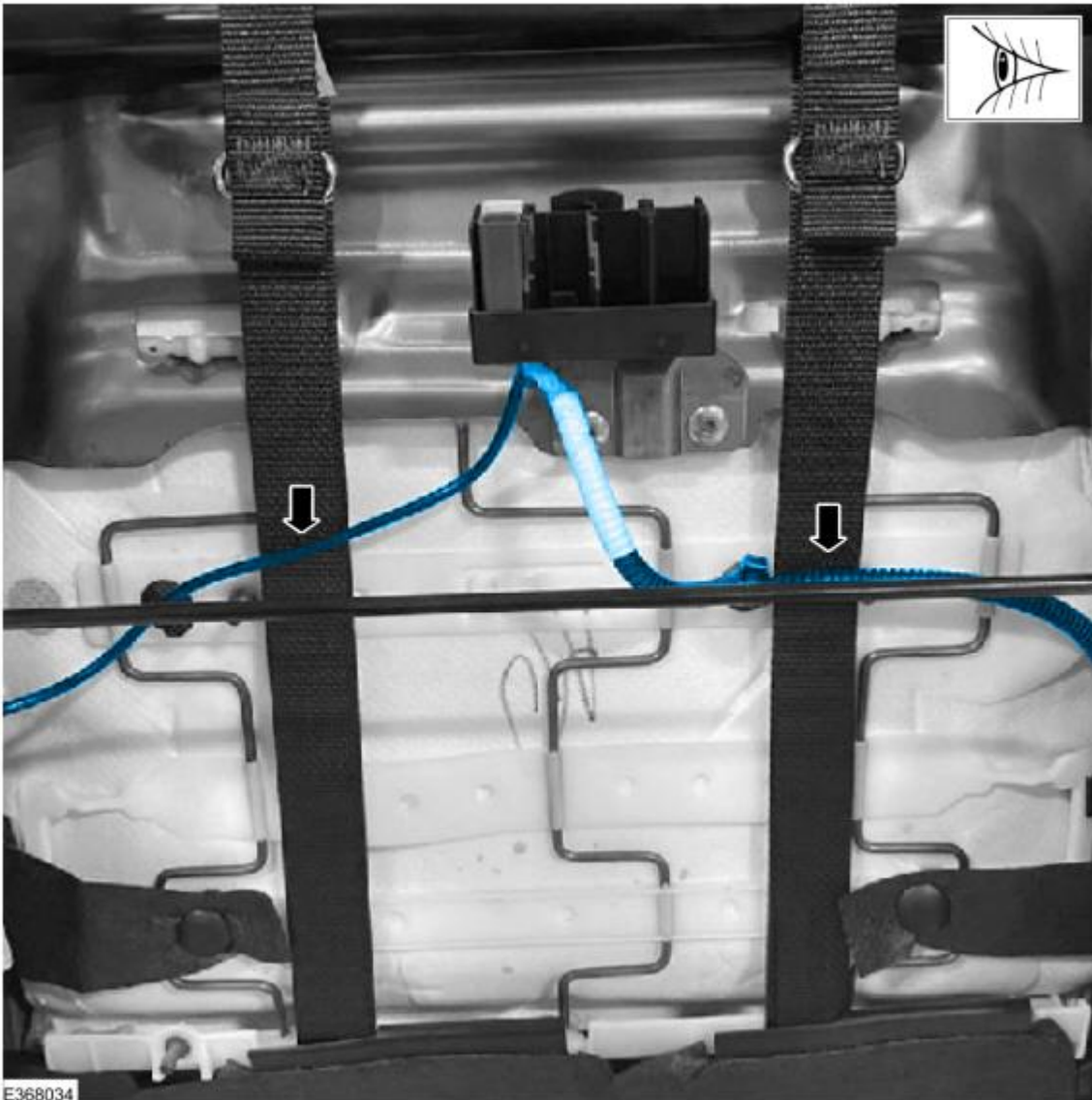
Figure 11



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(6). Secure the wire harness(es) to the suspension mat. (Figure 12)

Figure 12

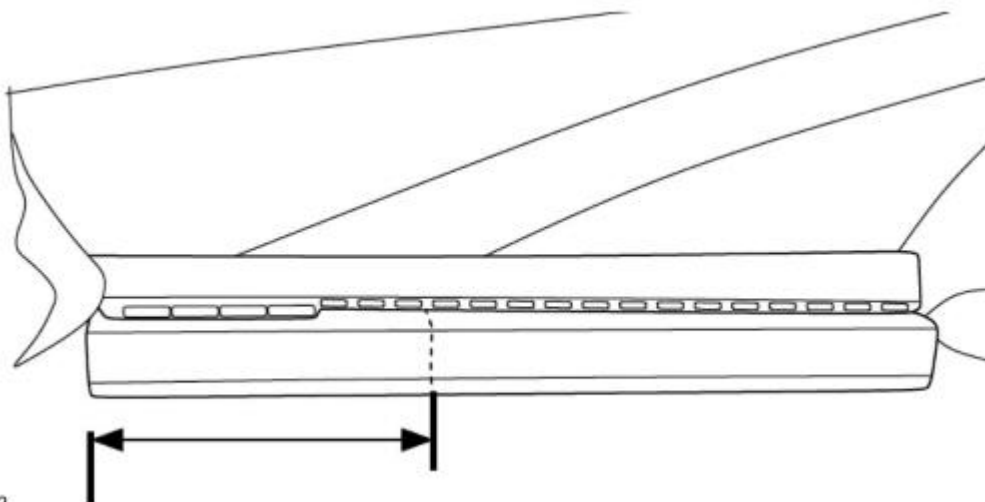


NOTE: Make sure all electrical harnesses hang below the webbing and not between the webbing and suspension mat. When the final assembly is installed in the vehicle, it will have the suspension mat on top (closest to the cushion), then the webbing straps, and then the wire harnesses on the bottom. (Figure 6)

7. Notch the cushion trim rear j-retainers for clearance to the webbings.

(1). Measure 1 3/4 in. (45 mm) and cut with a knife along the dotted line. (Figure 13)

Figure 13



(2). Cut along the dotted line (Figures 14-15), perpendicular to the previous cut, so that the portion of the J retainer in Figures 16 and 17 can be removed.

Figure 14

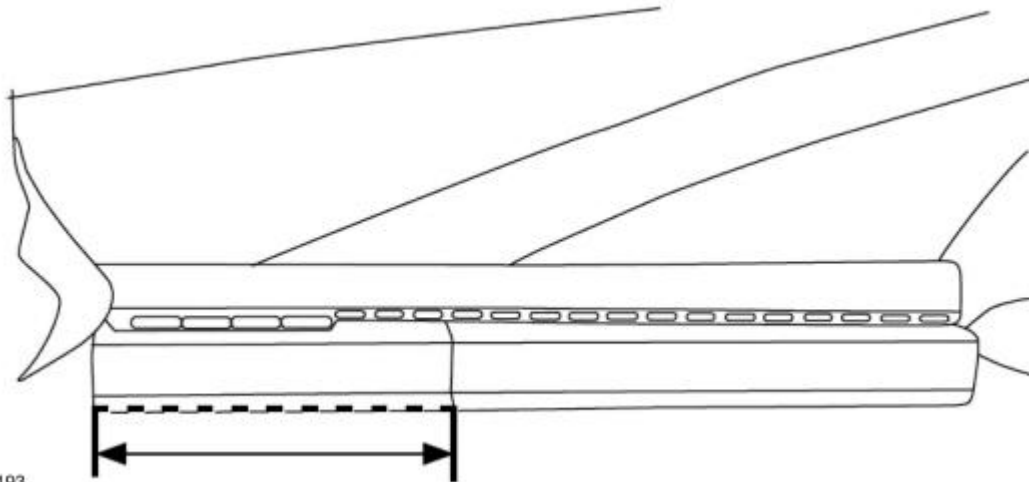


Figure 15



Figure 16

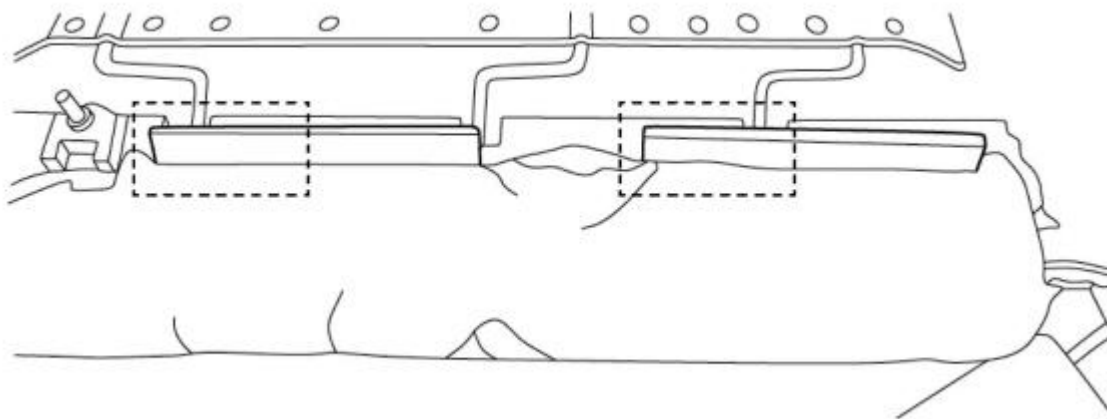


Figure 17



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8. Reinstall the affected driver seat track. Refer to WSM, Section 501-10A.

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