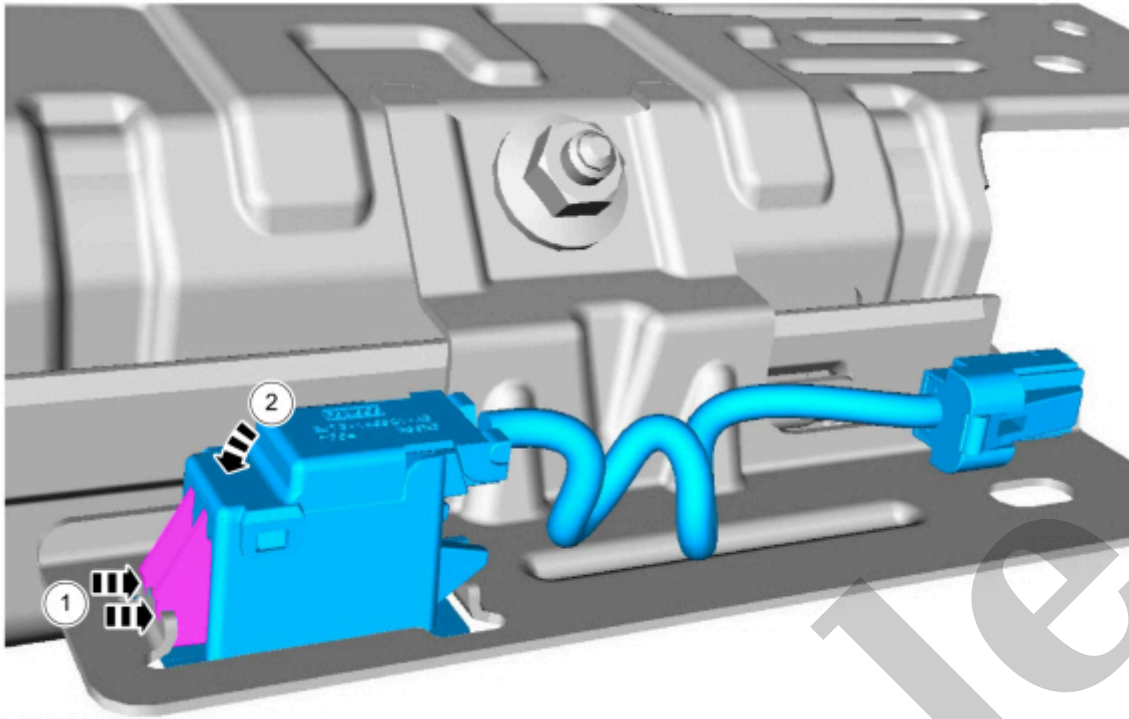


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2017 FORD Ka+ OEM Service and Repair Workshop Manual

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6. **NOTE**

This step is only necessary when installing a new component.

Remove the nut and the driver knee airbag bracket.



Front Door Side Impact Sensor

| | |
|--|---|
| <i>501-20B Supplemental Restraint System</i> | <i>2022 F-150</i> |
| <i>Removal and Installation</i> | <i>Procedure revision date: 10/2/2020</i> |

Front Door Side Impact Sensor

Removal

WARNING

The following procedure prescribes critical repair steps required for correct restraint system operation during a crash. Follow all notes and steps carefully. Failure to follow step instructions may result in incorrect operation of the restraint system and increases the risk of serious personal injury or death in a crash.

NOTE

Removal steps in this procedure may contain installation details.

1. WARNING

Before beginning any service procedure in this manual, refer to health and safety warnings in section 100-00 General Information. Failure to follow this instruction may result in serious personal injury.

Refer to: [Pyrotechnic Device Health and Safety Precautions](#)(100-00 General Information, Description and Operation).

2. Depower the SRS (supplemental restraint system) .

2. Repower the SRS (supplemental restraint system) .

Refer to: [Supplemental Restraint System \(SRS\) Repowering](#)(501-20B Supplemental Restraint System, General Procedures).

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Sample

3. Depower the SRS (supplemental restraint system) .

Refer to: [Supplemental Restraint System \(SRS\) Depowering](#)(501-20B Supplemental Restraint System, General Procedures).

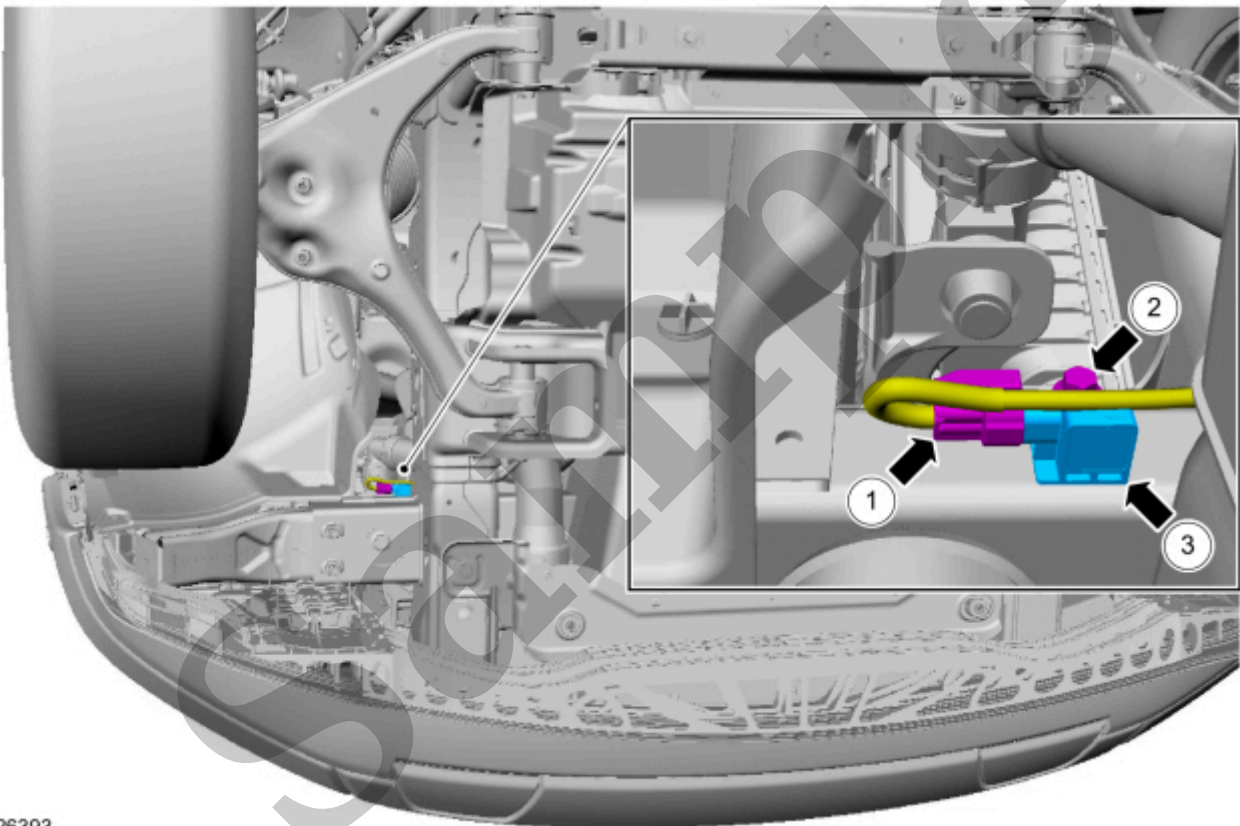
4. Remove the LH (left-hand) front impact severity sensor.

1. Disconnect the electrical connector.

2. Remove the bolt.

Torque : 93 lb.in (10.5 Nm)

3. Remove the front impact severity sensor.



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5. Remove the RH (right-hand) front impact severity sensor.

1. Disconnect the electrical connector.

2. Remove the bolt.

Torque : 93 lb.in (10.5 Nm)

3. Remove the front impact severity sensor.



Occupant Classification System (OCS) Sensor - Vehicles With: Multi-Contour Seats

| | |
|--|--|
| <i>501-20B Supplemental Restraint System</i> | <i>2022 F-150</i> |
| <i>Removal and Installation</i> | <i>Procedure revision date: 04/28/2021</i> |

Occupant Classification System (OCS) Sensor - Vehicles With: Multi-Contour Seats

Removal

WARNING

The following procedure prescribes critical repair steps required for correct restraint system operation during a crash. Follow all notes and steps carefully. Failure to follow step instructions may result in incorrect operation of the restraint system and increases the risk of serious personal injury or death in a crash.

NOTICE

To prevent system failure, carry out the OCS (occupant classification system) reset when a front passenger seat cushion is disassembled, a new trim cover or heater mat is installed or an OCS (occupant classification system) service kit is installed. Use a diagnostic scan tool to carry out the OCS (occupant classification system) reset command.

NOTICE

The front seat cushion adjuster on a front outboard passenger seat is not serviced separately. If a new front seat cushion adjuster is needed on the front passenger seat, install an OCS (occupant classification system) service kit equipped with a front seat cushion adjuster. Failure to follow this instruction may result in incorrect operation of the OCS (occupant classification system).



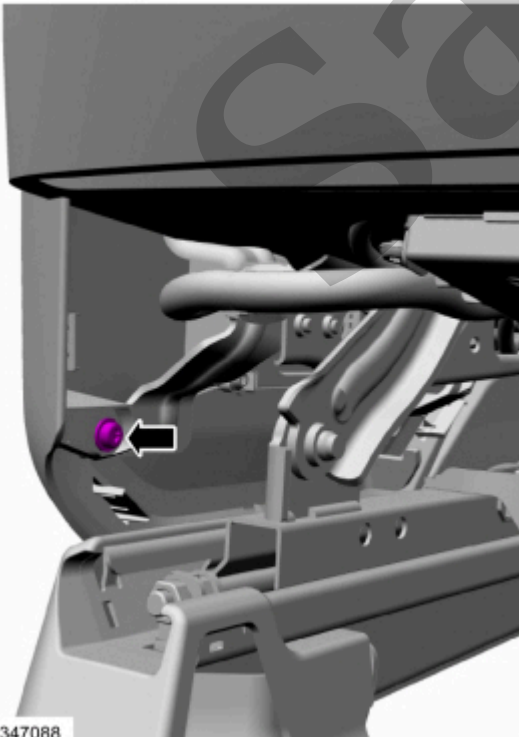
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3. Remove the front passenger seat.

Refer to: [Front Seat](#)(501-10A Front Seats, Removal and Installation).

4. Remove the side shield screws.



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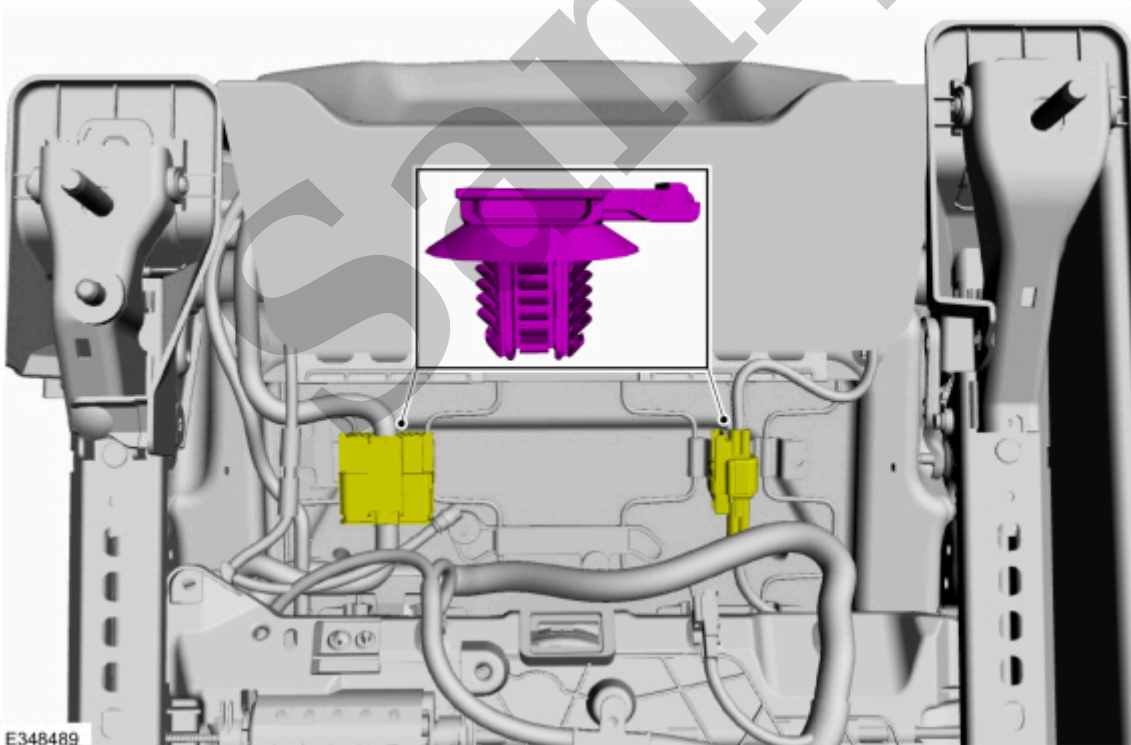




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7. Detach the front seat electrical connector retainers and position the front seat wiring harnesses aside.



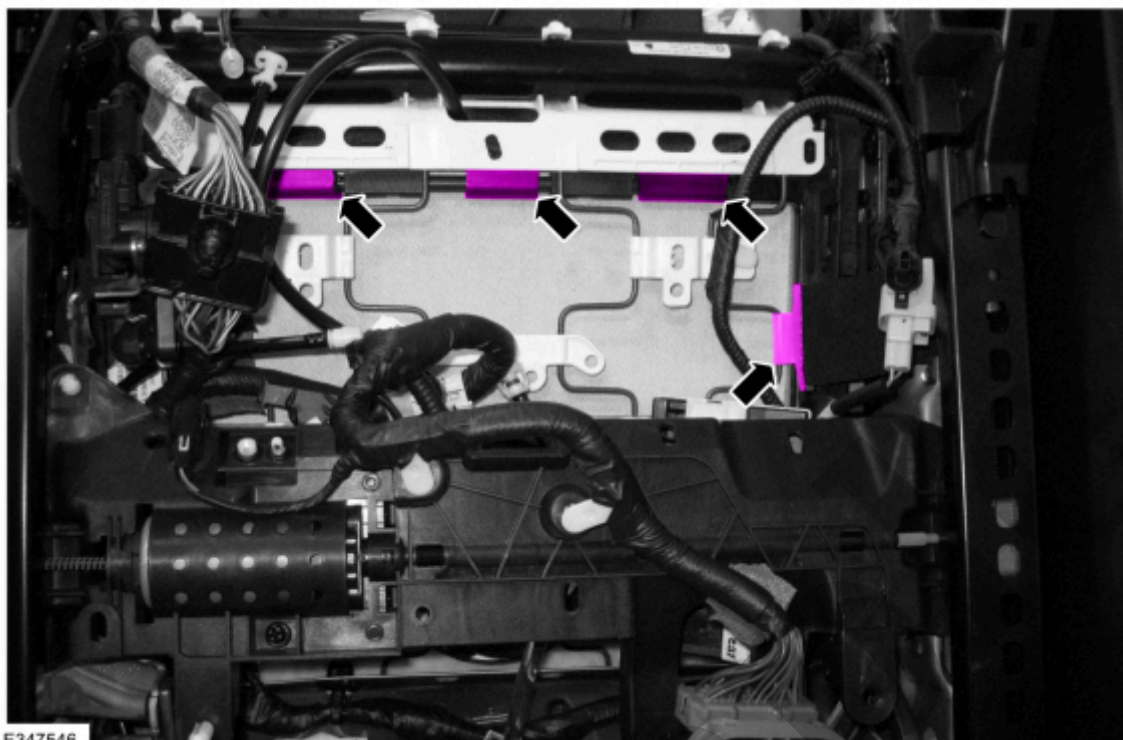
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8. Detach the front seat backrest cover straps and position the front seat backrest cover aside.

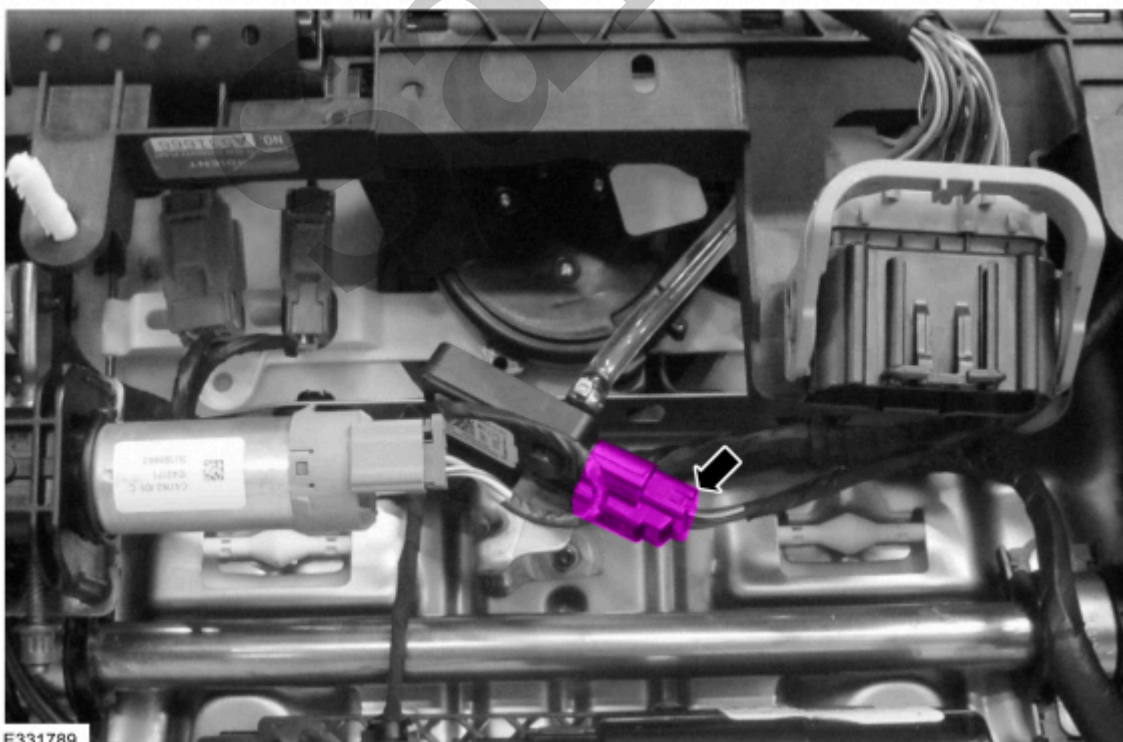
10. Vehicles with Max Recline front seat.

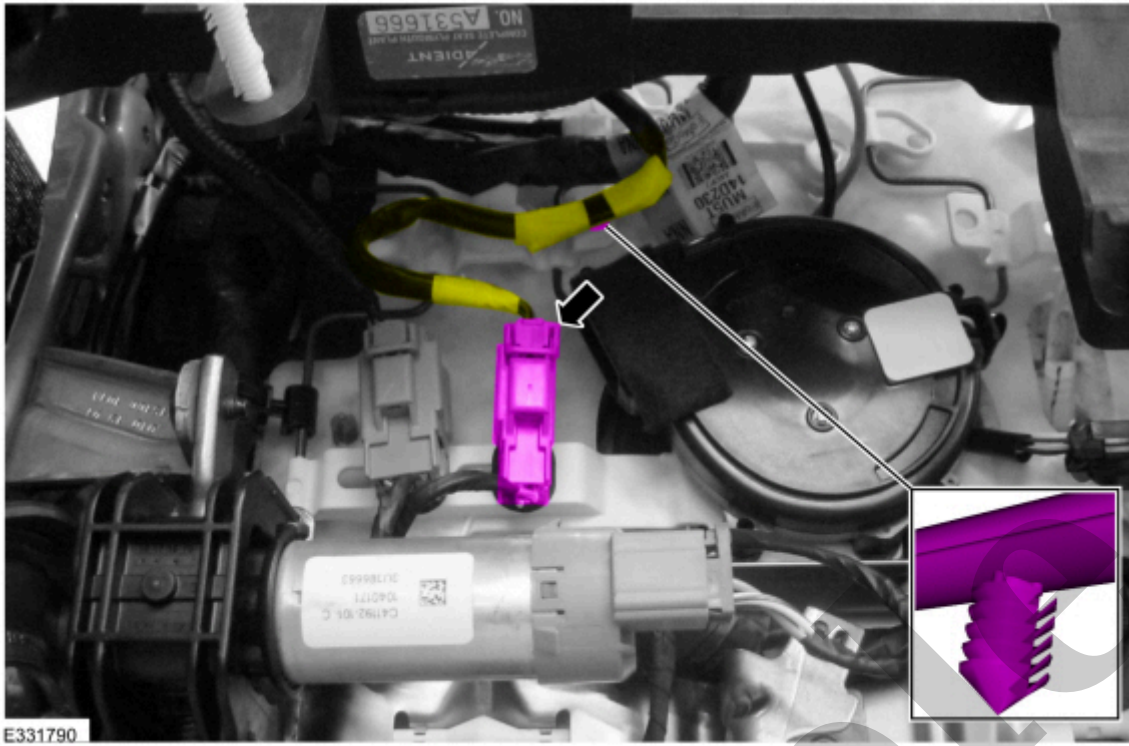
Detach the front seat cushion cover J-clips.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

11. Disconnect the OCSM (occupant classification system module) electrical connector.





[Click here to learn about symbols, color coding, and icons used in this manual.](#)

14.
 1. Detach the front seat cushion cover J-clip.
 2. On both sides.
Detach the front seat cushion cover corner J-clips.
 3. Detach the front seat cushion cover side J-clip.
 4. Release the front seat cushion cover strap from around the front seatbelt buckle.