FordEcat 501-05 Interior Trim and Ornamentation

Removal and Installation

2018 Explorer, Police Interceptor - Utility

Procedure revision date: 04/13/2015

Headliner

Base Part Number: 5451916

Materials

Name	Specification
3M™ Super-Fast Repair Adhesive 04747	-

Removal

NOTE: Removal steps in this procedure may contain installation details.

All vehicles

- 1. Remove the following items:
 - 1. On both sides, remove the A-pillar trim panels.

Refer to: <u>A-Pillar Trim Panel</u> (501-05 Interior Trim and Ornamentation, Removal and Installation).

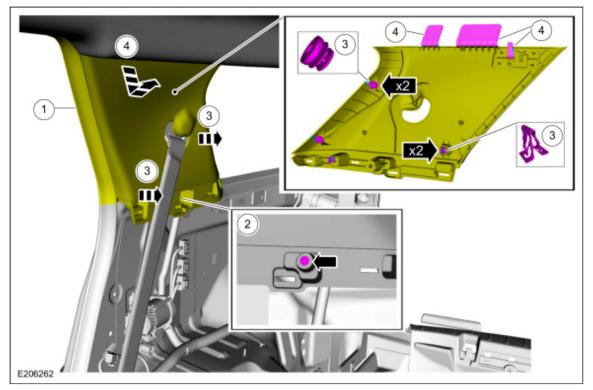
Refer to: A-Pillar Trim Panel - Police (501-05 Interior Trim and Ornamentation, Removal and Installation).

- 2. On both sides, remove the B-pillar trim panels.
 - Refer to: B-Pillar Trim Panel (501-05 Interior Trim and Ornamentation, Removal and Installation).
- 3. On both sides, remove the D-pillar trim panels.
 - Refer to: D-Pillar Trim Panel (501-05 Interior Trim and Ornamentation, Removal and Installation).
- 4. Remove the overhead console.
 - Refer to: Overhead Console (501-12 Instrument Panel and Console, Removal and Installation).
- 2. NOTE: RH side shown, LH side similar.

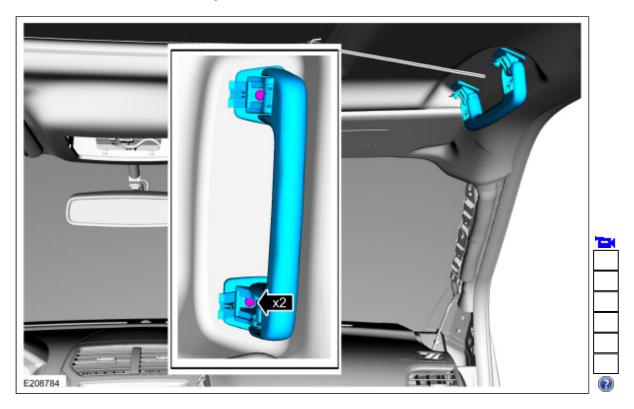
On both sides.

- 1. Position aside the rear door weatherstrip.
- 2. Remove the bolt.
 - Torque: 80 lb.in (9 Nm)
- 3. Release the clips and the magnets.
- 4. Slide down and out and position aside the C-pillar trim panel.





3. Remove the retainers and the front grab handle.



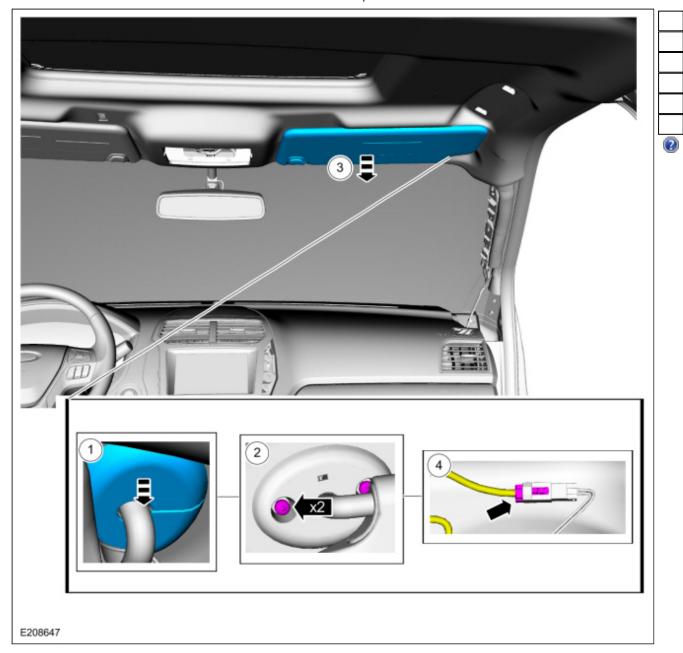
4. **NOTE**: <u>RH</u> side shown, <u>LH</u> side similar.

On both sides.

Remove the sun visor.

- 1. Remove the retainers cover.
- 2. Remove the retainers.
- 3. Seperate the sun visor.
- 4. If equipped.

Disconnect and remove the sun visor.

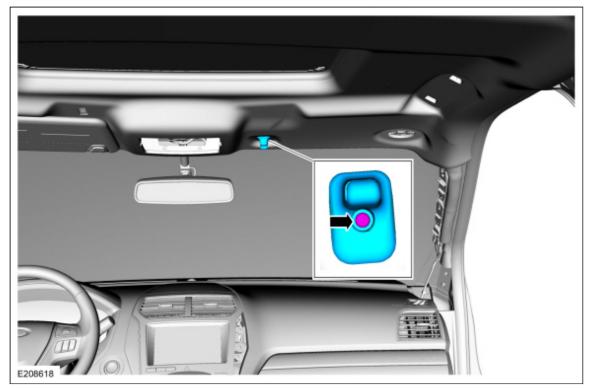


5. **NOTE:** *RH* side shown, *LH* side similar.

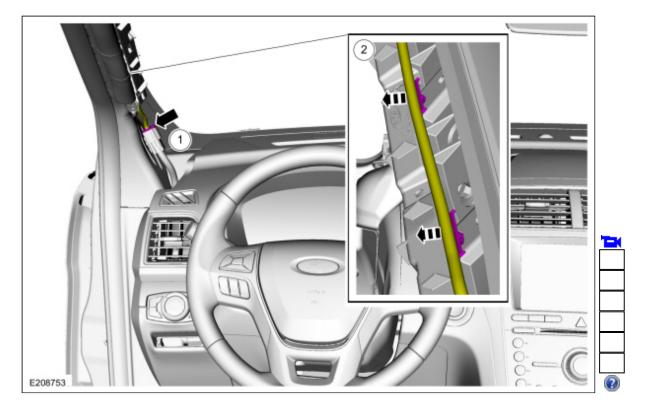
On both sides.

Remove the retainer and the sun visor clip.





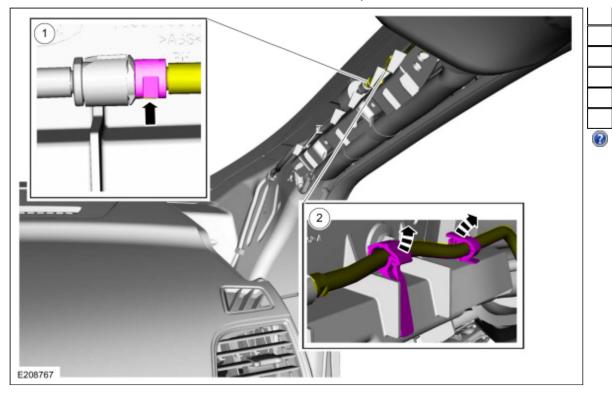
- 6.
 - Position aside the headliner wire harness
 - 1. Disconnect the headliner wire harness electrical connector.
 - 2. Release the clips and position the wire harness aside.



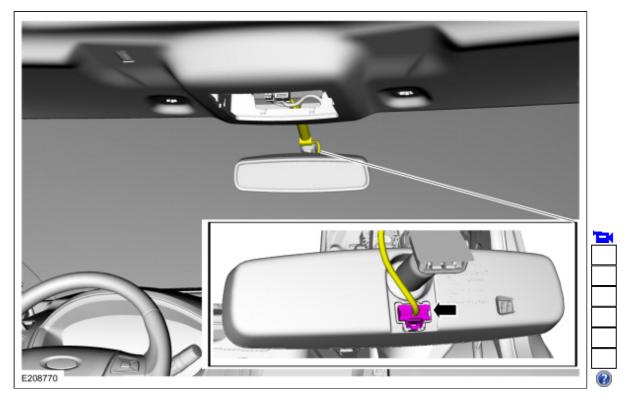
- Position aside the washer hose.
 - 1. Disconnect the washer hose coupling. Refer to: Washer Hose Coupling (501-16 Wipers and Washers, General Procedures).

 2. Open the clips and position aside the washer hose.

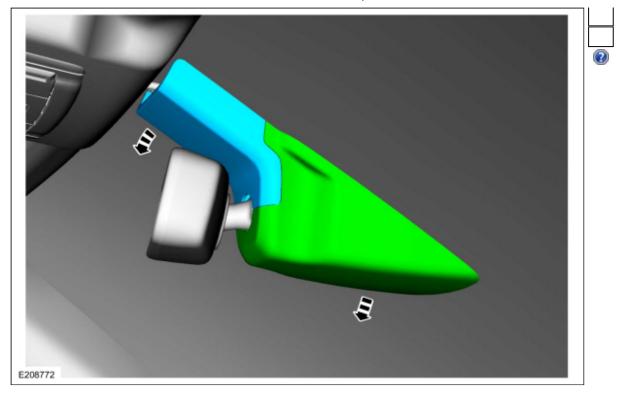




8. If equipped.
Disconnect the rear view mirror electrical connector.

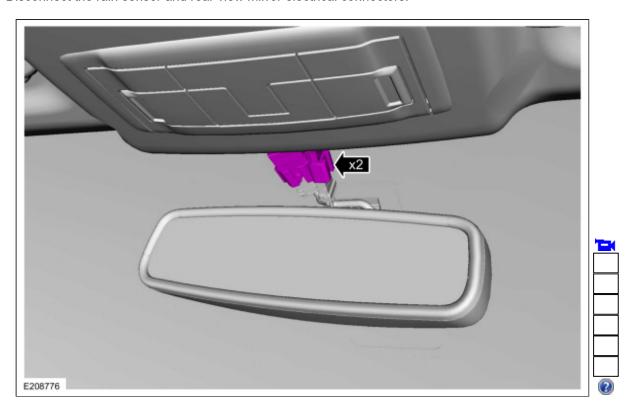


9. If equipped.
Remove the rear view mirror cover.



10. If equipped.

Disconnect the rain sensor and rear view mirror electrical connectors.



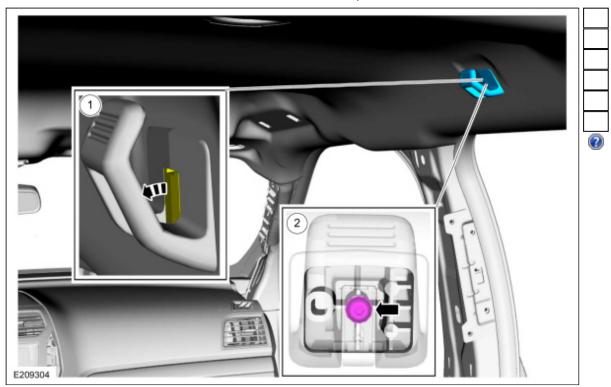
Vehicles without roof opening panel

11. **NOTE**: <u>RH</u> side shown, <u>LH</u> side similar.

On both sides.

Remove the second row coat hook.

- 1. Position the cover aside.
- 2. Remove the retainer and the second row coat hook assembly.



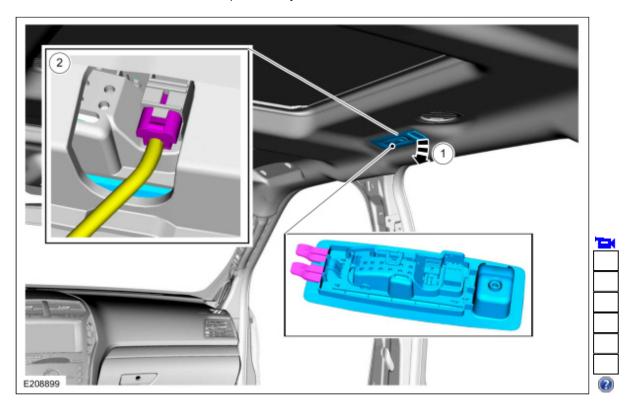
Vehicles With: Roof Opening Panel

12. **NOTE**: <u>RH</u> side shown, <u>LH</u> side similar.

On both sides.

Remove the second row interior lamp.

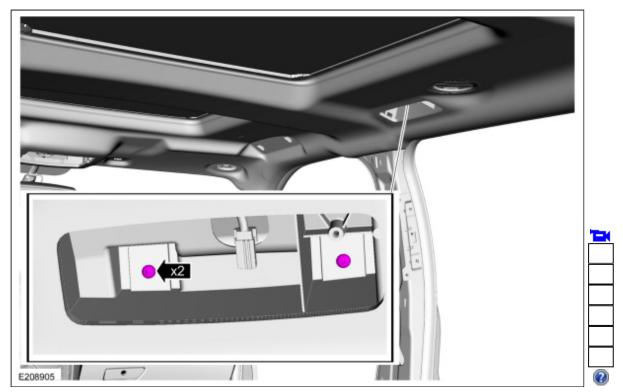
- 1. Seperate the lamp assembly.
- 2. Disconnect and remove the lamp assembly.



13. **NOTE**: <u>RH</u> side shown, <u>LH</u> side similar.

On both sides.

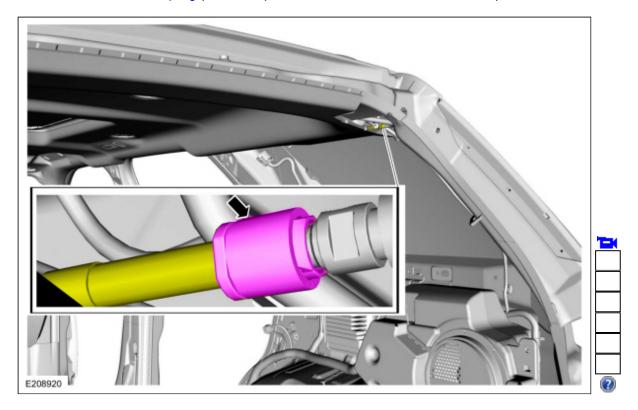
Remove the retainers.



All vehicles

14. Disconnect the D-pillar washer hose coupling.

Refer to: Washer Hose Coupling (501-16 Wipers and Washers, General Procedures).



15. On both sides.

Position the front seat in the full forward and reclined position.

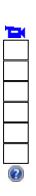
- 1. Position the seat in the full forward position.
- 2. Position the seat in the full reclined position.





Vehicles With: Roof Opening Panel

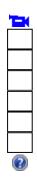
16. Release the clips and magnets and lower the headliner down.





Vehicles without roof opening panel

17. Release the clips and magnets and lower the headliner down.





All vehicles

18. NOTICE: To avoid damaging the headliner when folding the headliner wings, fold the headliner wings so that the backing is ONLY touching the backing of the headliner. Never fold the headliner cloth-to-cloth or cloth-to-backing.

NOTE: The headliner is made of new material that will allow for specific folding, flexing and rolling during removal through the liftgate opening.

Remove the headliner.





Installation

1. **NOTE:** These steps are only necessary when installing a new component.

NOTE: When transferring the headliner harness to a new headliner note the location of each electrical connector during removal and maintain those locations when transferring the harness. If equipped with noise cancellation the microphone connectors are the same but are not interchangeable and must maintain their original locations for the system to operate correctly.

NOTE: Obtain the specified adhesive commercially. Depending on the headliner and optional wire harness(es), the purchase of multiple tubes is suggested.

- 1. Using tape, mark the wire at the exit points for proper length from headliner-to-body/ roof connectors.
- 2. Carefully remove the wire harness from the original headliner.
- 3. Using a marking tool, mark the new headliner with the routing and exit points of the wire harness from the original headliner.
- 4. NOTICE: Make sure not to damage the wire harness when cutting the excess adhesive from the wire harness.
 - Cut and remove any excess adhesive from the wire harness.
- 5. Position the wire harness onto the new headliner, making sure the harness has enough length to be connected to the body/ roof connectors at the tape location(s) applied earlier. Apply tape to temporarily hold the wire harness in position on the headliner.
- Apply the adhesive in the same location as the factory installed adhesive along the full length of the wire harness-to-headliner to avoid any <u>NVH</u> concern(s). *Material*: 3M™ Super-Fast Repair Adhesive / 04747
- 2. NOTICE: For vehicles equipped with noise cancellation microphones, the brackets must be glued flush to the new headliner and a bead of glue placed around the bracket to ensure proper sealing and correct system operation.

NOTE: Transfer parts as necessary.

To install, reverse the removal procedure.

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