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2020.0 DEFENDER (LE), 501-17

ROOF OPENING PANEL

CANVAS ROOF GUIDE RAILS (G2684066)

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REMOVAL

**WARNING:**

Make sure the ignition is OFF before carrying out this procedure.

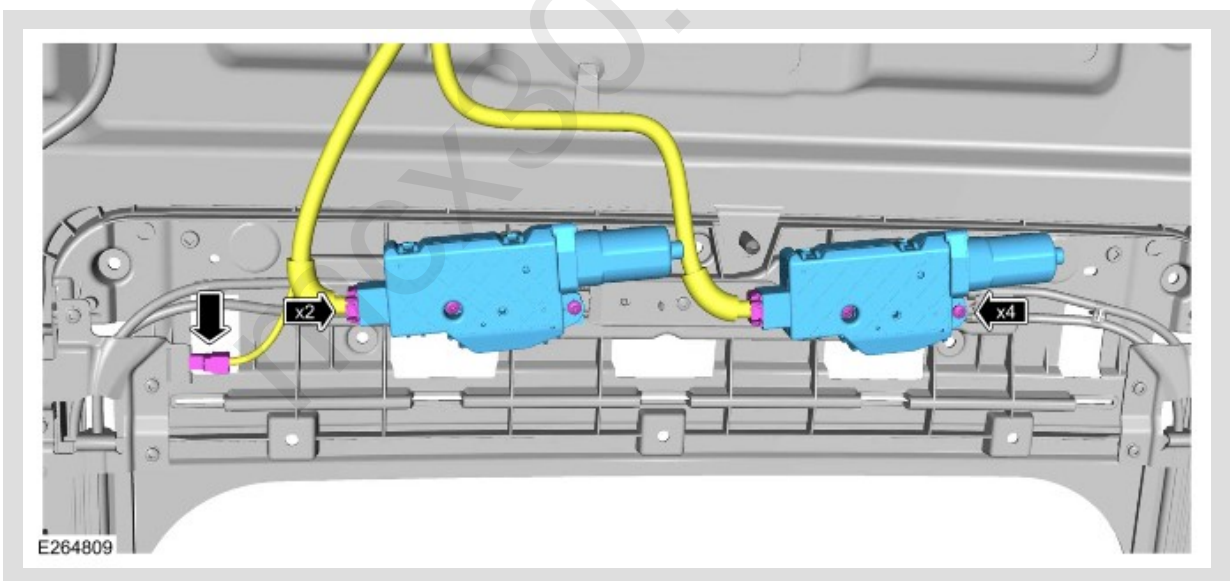
**NOTES:**

- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- This procedure contains illustrations showing certain components removed to provide extra clarity.

1. Remove the canvas roof outer canvas.

Refer to: [Canvas Roof Outer Canvas](#) (501-17 Roof Opening Panel, Removal and Installation).

- 2.



- Disconnect the 3 electrical connectors.
- Remove the 4 bolts.
- Remove the 2 motors.

3.



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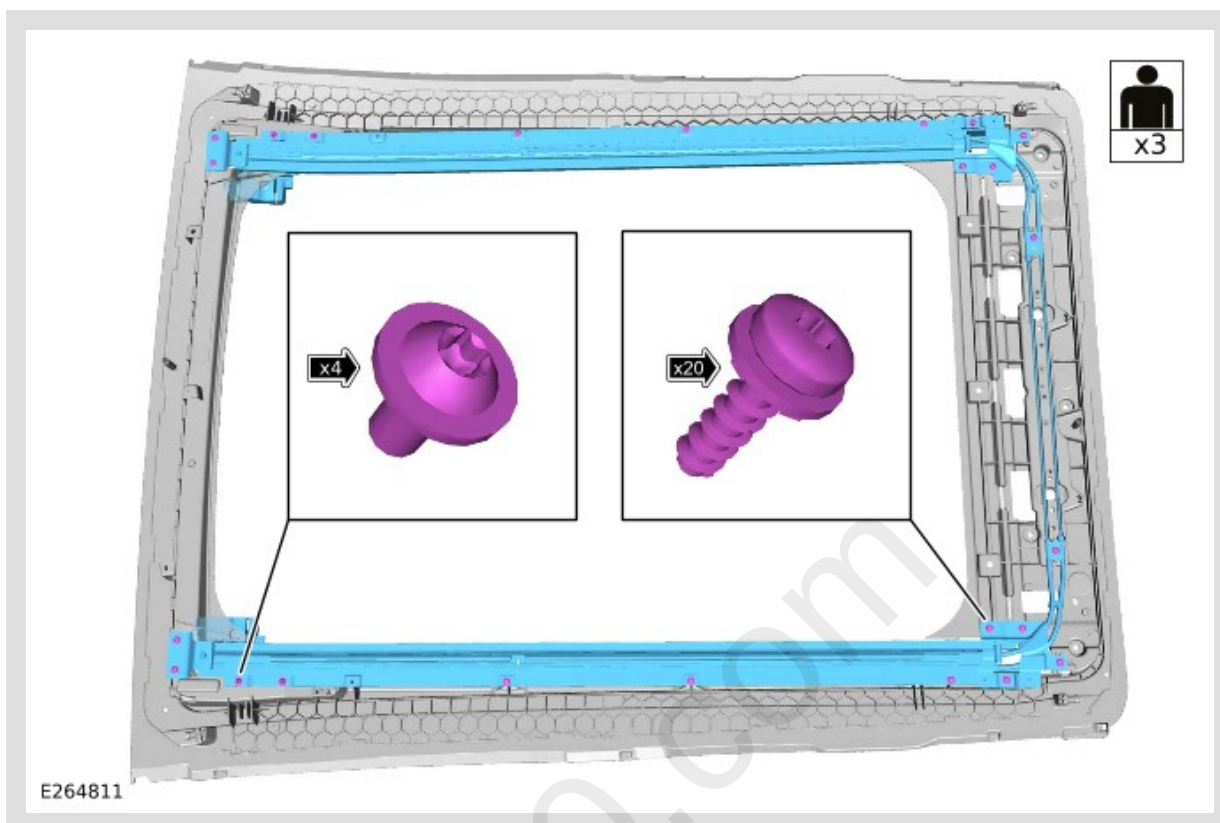
- Remove the screw.
- Remove the cover.

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4.

 NOTE:

This step requires the aid of 3 technicians.



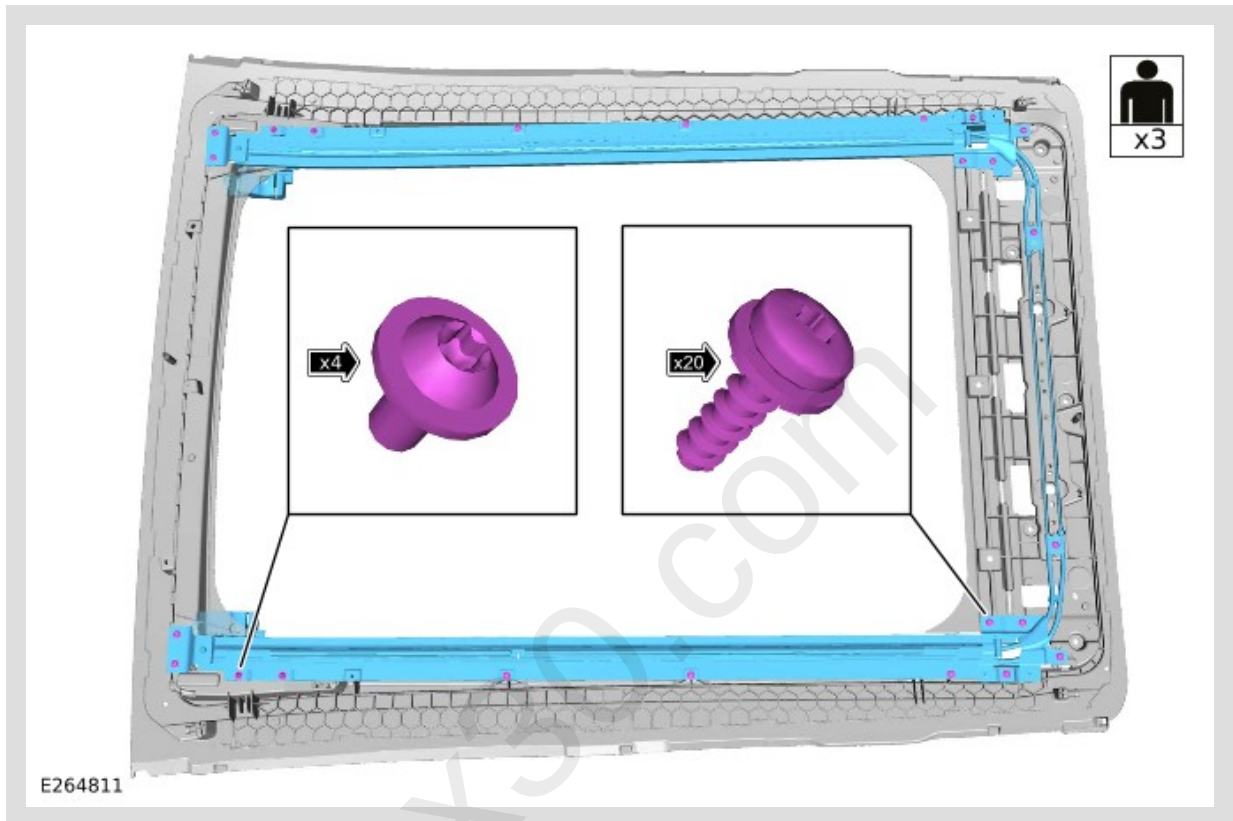
- Remove the 4 bolts.
- Remove the 20 screws.
- With assistance remove the canvas roof guide rails.

INSTALLATION

1.

NOTE:

This step requires the aid of 3 technicians.



- With assistance install the canvas roof guide rails.
- Install and tighten the 20 screws.
Torque: 3.5Nm
- Install and tighten the 4 bolts.
Torque: 4Nm

2.

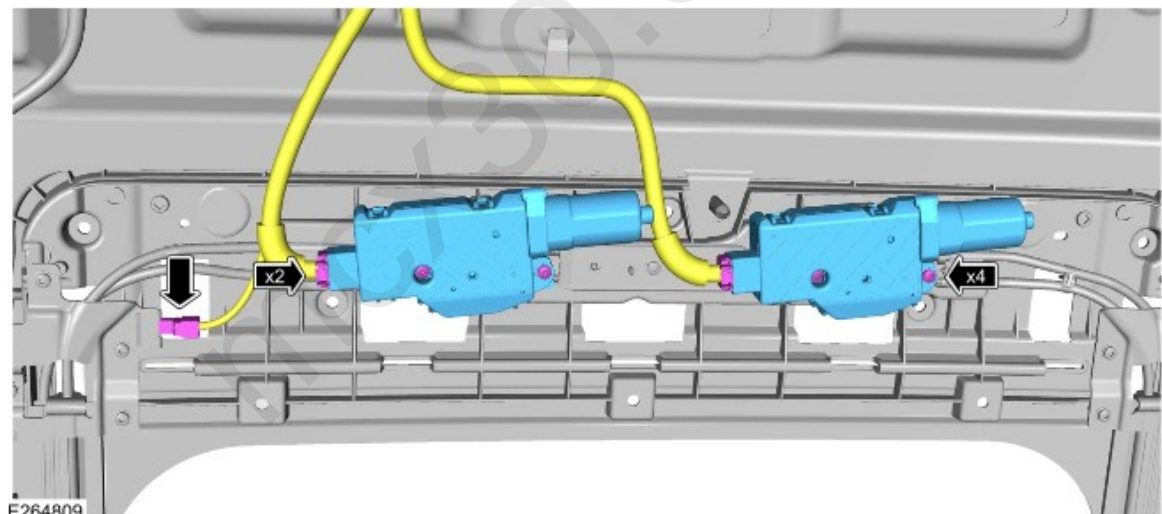


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- Install the cover.
- Install and tighten the screw.

Torque: 4Nm

3.



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- Install the 2 motors.
- Install and tighten the 4 bolts.
Torque: 4Nm
- Connect the 3 electrical connectors.

4.

Install the canvas roof outer canvas.

Refer to: [Canvas Roof Outer Canvas](#) (501-17 Roof Opening Panel, Removal and Installation).

- Initialization and teaching the canvas roof motors:
- Close the roof and push the button during 10 seconds after full closing.
- After initialization, open the roof in full open position and close the roof by pressing and holding down the button until the full closure.