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2020.0 DEFENDER (LE), 501-03

BODY CLOSURES

REAR DOOR (G2424156)

mcx30.com

REMOVAL AND INSTALLATION

PART(S)

STEP	PART NAME	QUANTITY
Installation Step 12	Door hinge bolt	2

REMOVAL

ⓘ CAUTION:

Protect the surrounding paintwork to avoid damage.

△ NOTES:

- This procedure contains illustrations for left hand drive vehicles, right hand drive vehicles are similar.
- This procedure contains illustrations showing certain components removed to provide extra clarity.
- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.

1. Disconnect the startup battery ground cable.

Refer to: [Startup Battery Disconnect and Connect](#) (414-00 Battery and Charging System - General Information, General Procedures).

2. Remove the rear door lower moulding.

Refer to: [Rear Door Lower Moulding](#) (501-08 Exterior Trim and Ornamentation, Removal and Installation).

3. Remove the rear door window.

Refer to: [Rear Door Window](#) (501-11 Glass, Frames and Mechanisms, Removal and Installation).

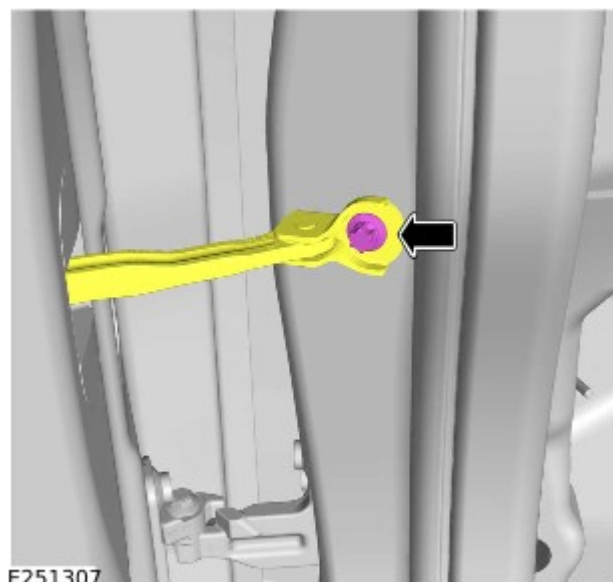
4. Remove the rear door latch.

Refer to: [Rear Door Latch](#) (501-14 Handles, Locks, Latches and Entry Systems, Removal and Installation).

5. Remove the rear door weatherstrip.

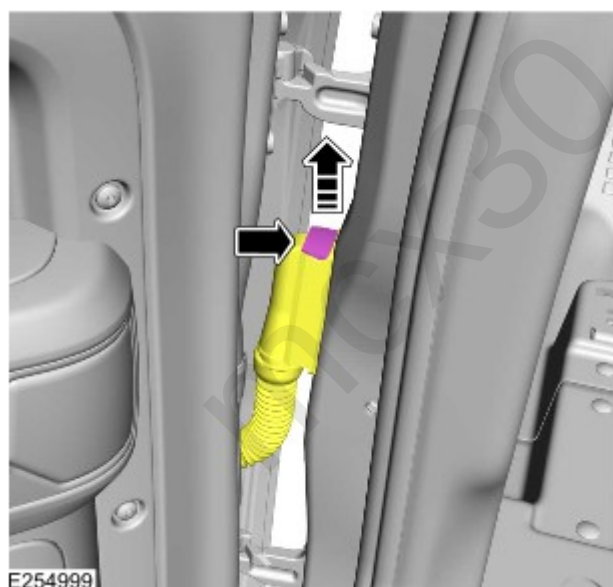
Refer to: [Rear Door Weatherstrip](#) (501-03 Body Closures, Removal and Installation).

6.



- Remove the bolt.
- Disconnect the rear door check arm.

7.



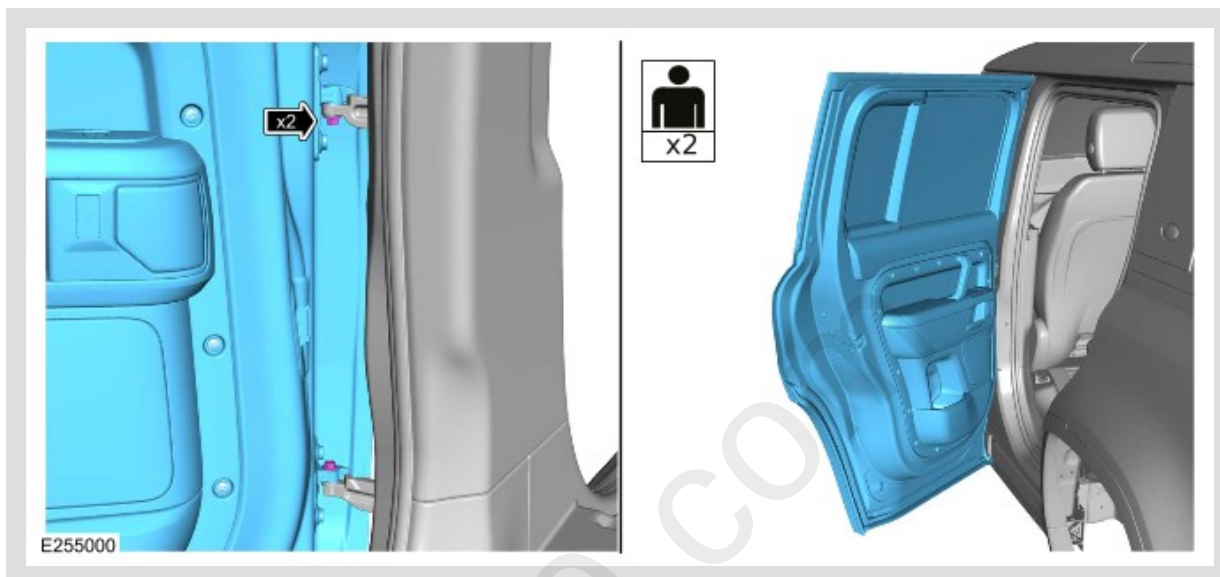
Disconnect the rear door wiring harness from the body wiring harness.

⚠ CAUTIONS:

- Lay the rear door on felt covered supports.
- The component(s) may be heavy. Take extra care when handling.

⚠ NOTE:

This step requires the aid of another technician.

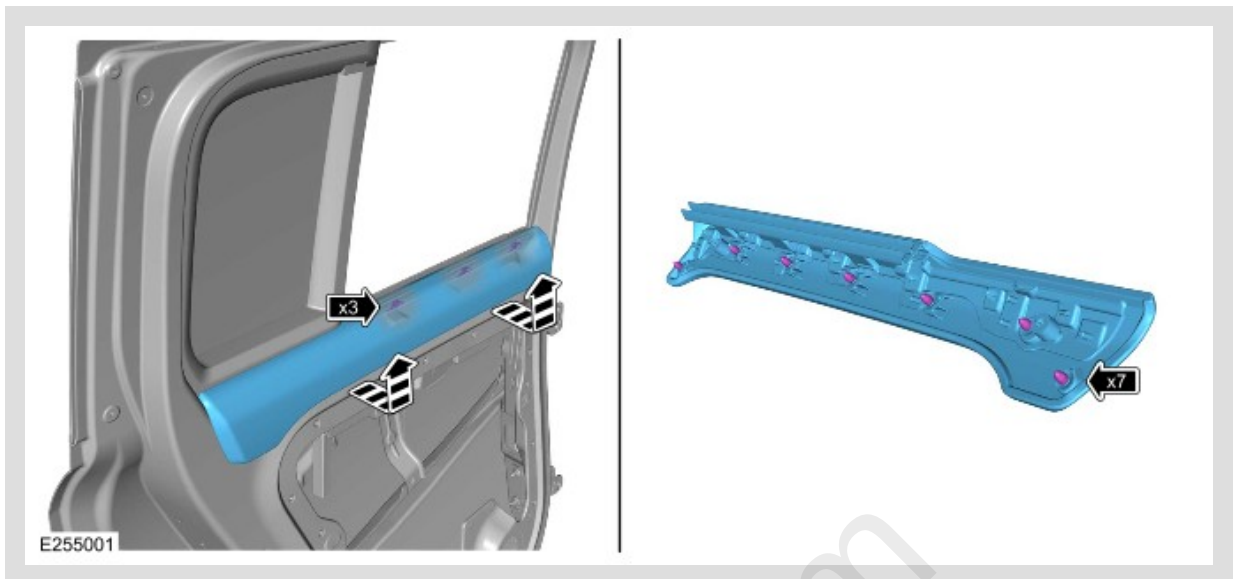


- Remove the 2 bolts.
- Remove the rear door.

9.

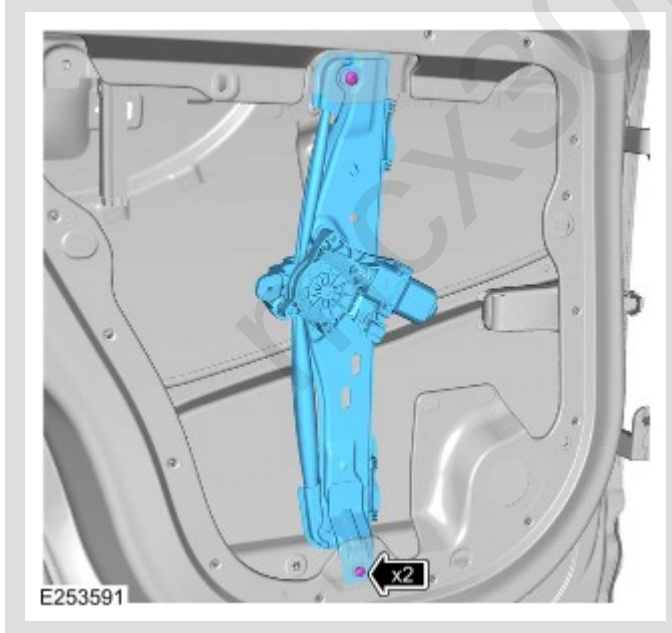
NOTE:

Do not disassemble further if the component is removed for access only.



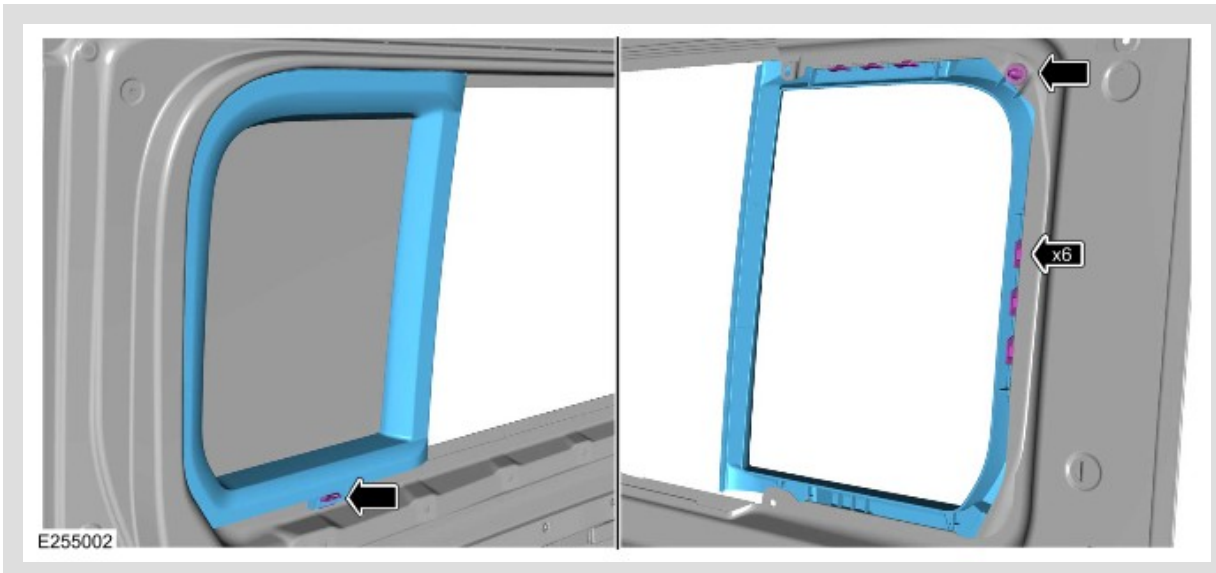
- Release the 10 clips.
- Remove the rear door upper trim panel as illustrated.

10.



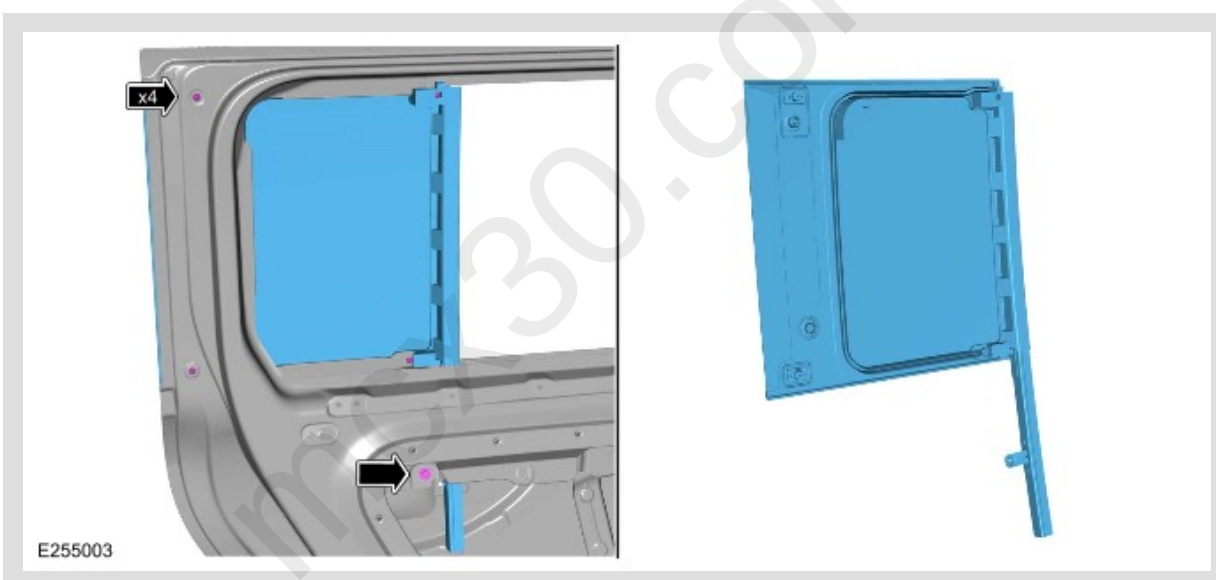
- Remove the 2 bolts.
- Remove the rear door window regulator.

11.



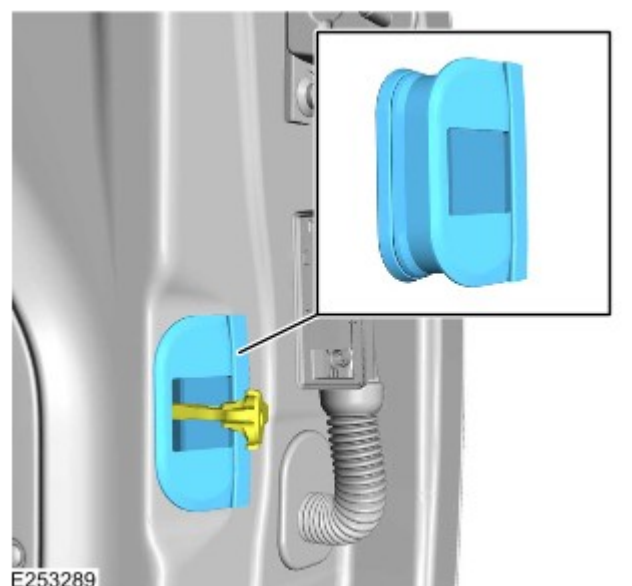
- Release the 8 clips.
- Remove the fixed window trim.

12.



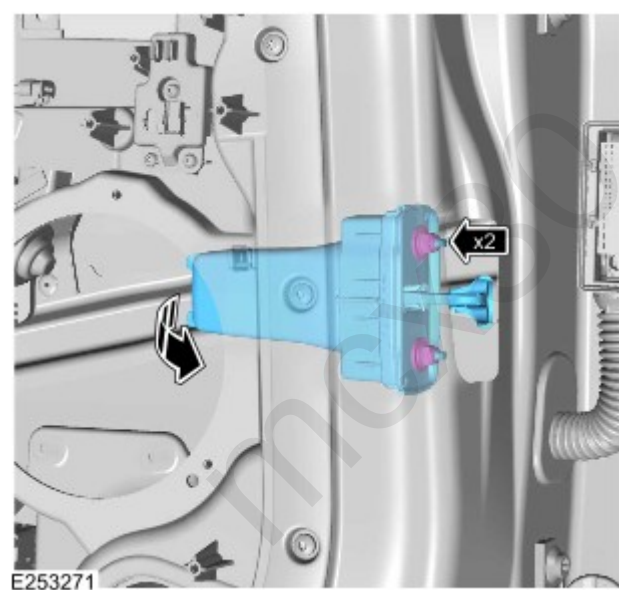
- Remove the bolt.
- Remove the 4 screws.
- Remove the rear door fixed window.

13.



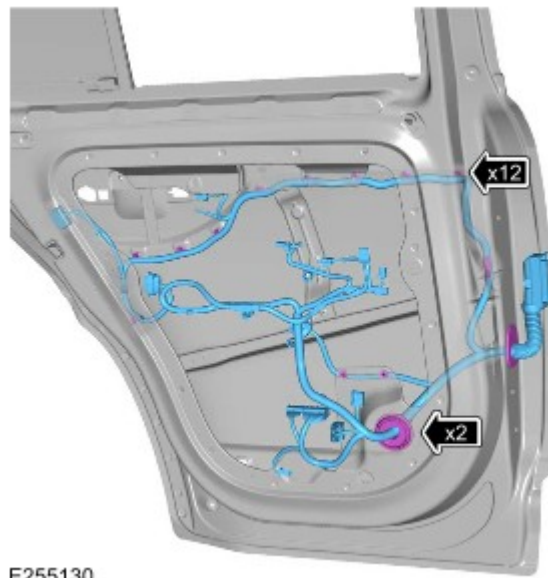
Remove the rubber access cover.

14.



- Remove the 2 nuts.
- Remove the rear door check arm.

15.



- Release the 12 wiring harness clips.
- Release the 2 grommets.
- Remove the rear door wiring harness.

16.



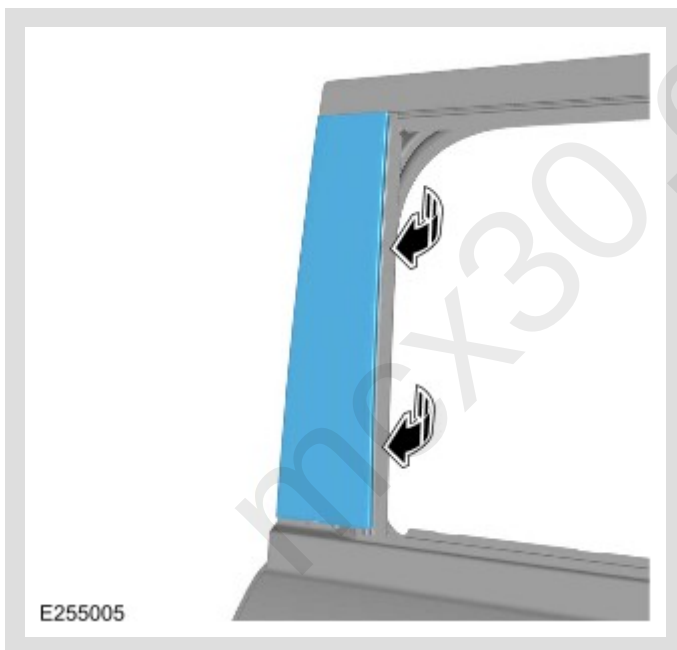
- Remove the 4 bolts.
- Remove the 2 rear door hinges.

17.

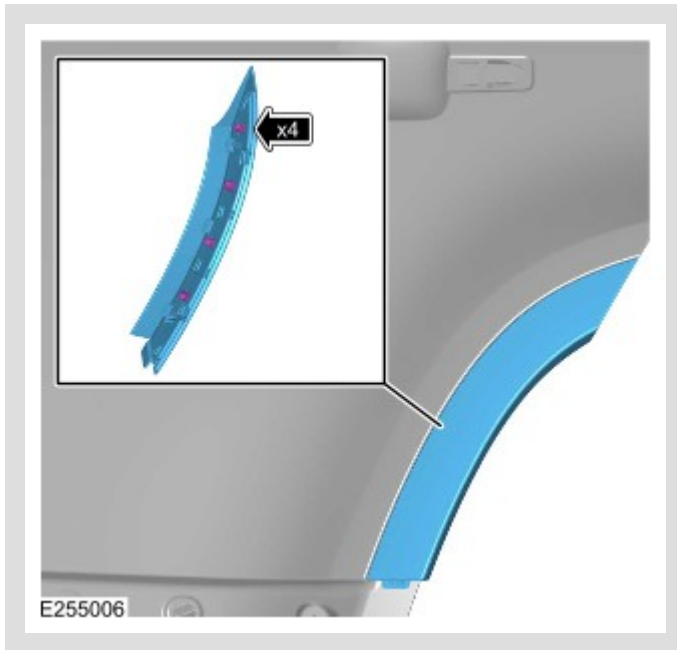


- Release the 16 clips.
- Remove the rear door upper weatherstrip.

18.



Remove the rear door frame finisher as illustrated.



- Release the 4 clips.
- Remove the rear door moulding.

INSTALLATION

1. Install the rear door moulding.

2. Install the rear door frame finisher.

3. Install the rear door upper weatherstrip.

4.

- Install the 2 rear door hinges.
- Install and tighten the 4 bolts.
Torque: 35Nm

5.

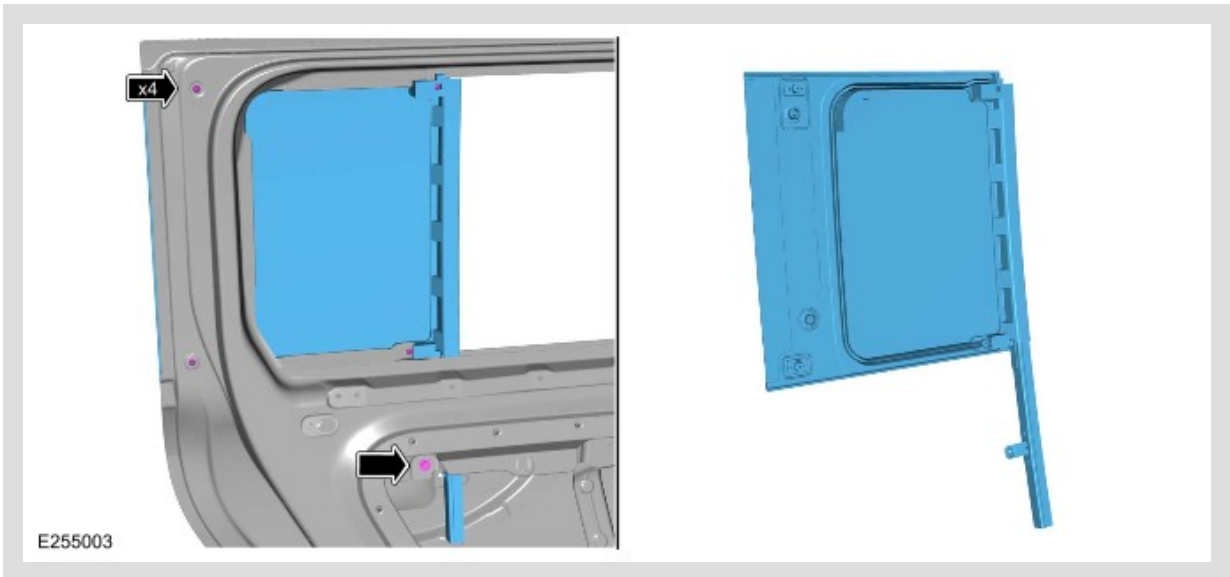
- Install the rear door wiring harness.
- Install the 2 grommets.
- Install the 12 wiring harness clips.

6.

- Install the rear door check arm.
- Install and tighten the 2 nuts.
Torque: 9Nm

7. Install the access cover.

8.



- Install the rear door fixed window.
- Install and tighten the 4 screws.
Torque: 1.2Nm
- Install and tighten the bolt.
Torque: 3Nm

9. Install the fixed window trim.

- 10.
- Install the rear door window regulator.
 - Install and tighten the 2 bolts.
Torque: 7Nm

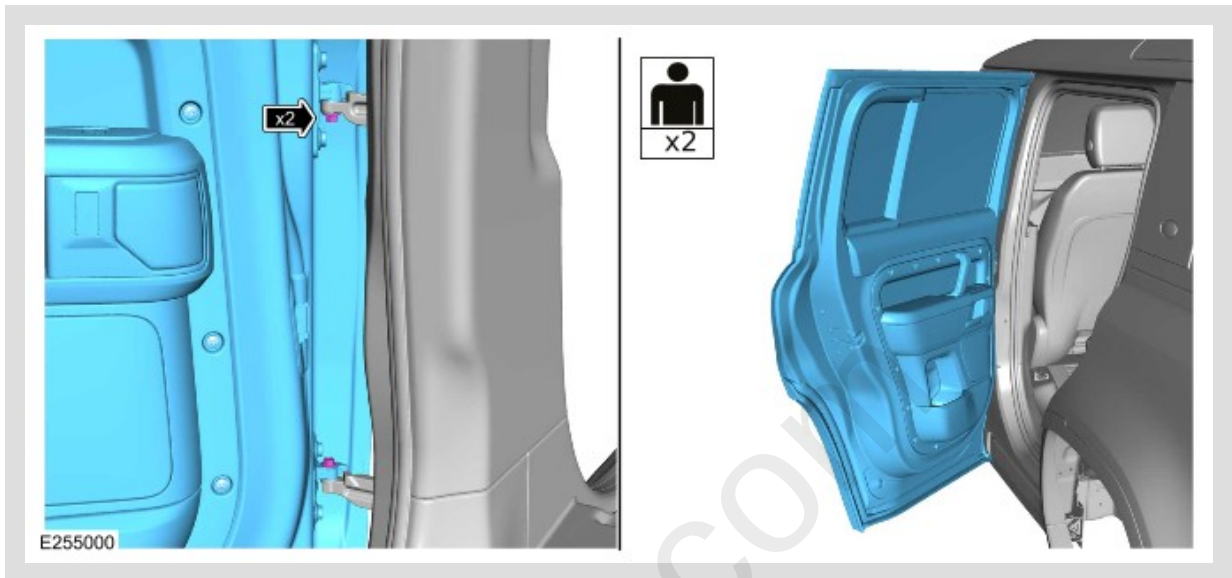
11. Install the rear door upper trim panel.

⚠ CAUTION:

The component(s) may be heavy. Take extra care when handling.

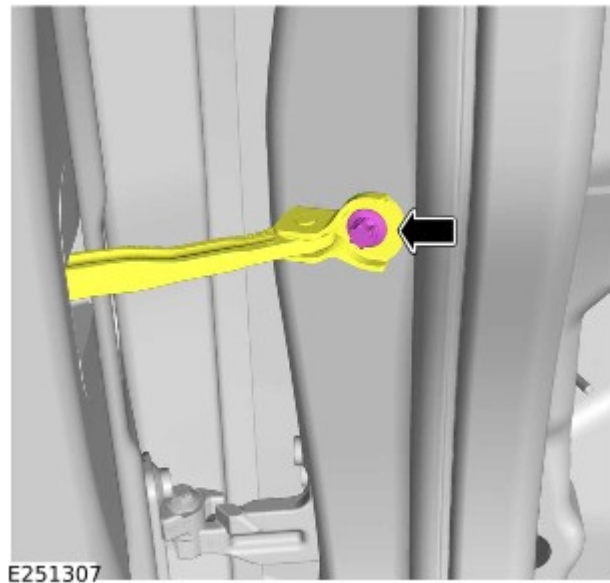
⚠ NOTE:

This step requires the aid of another technician.



- Install the rear door.
- Install and tighten the 2 new bolts.
*Renew Part: [Door hinge bolt](#) Quantity: [2](#).
Torque: **30Nm***
- Check the rear door gaps and align if necessary.
Refer to: [Rear Door Alignment](#) (501-26 Body Repairs - Vehicle Specific Information and Tolerance Checks, General Procedures).

13.



- Connect the rear door check arm.
- Install and tighten the bolt.

Torque: 25Nm

14. Connect the rear door wiring harness to the body wiring harness.

15. Install the rear door lower moulding.

Refer to: [Rear Door Lower Moulding](#) (501-08 Exterior Trim and Ornamentation, Removal and Installation).

16. Install the rear door window.

Refer to: [Rear Door Window](#) (501-11 Glass, Frames and Mechanisms, Removal and Installation).

17. Install the rear door latch.

Refer to: [Rear Door Latch](#) (501-14 Handles, Locks, Latches and Entry Systems, Removal and Installation).

18. Install the rear door weatherstrip.

Refer to: [Rear Door Weatherstrip](#) (501-03 Body Closures, Removal and Installation).

19. Connect the startup battery ground cable.

Refer to: [Startup Battery Disconnect and Connect](#) (414-00 Battery and Charging System - General Information, General Procedures).