

PUBLISHED: 04-NOV-2019
2020.0 DEFENDER (LE), 501-11

GLASS, FRAMES AND MECHANISMS

FRONT DOOR WINDOW REGULATOR (G2417046)

mcx30.com

REMOVAL

⚠ WARNING:

To avoid accidental deployment, the Restraints Control Module (RCM) backup power supply must be depleted. Wait at least 1 minute after disconnecting the startup battery ground cable(s) before doing any repair or adjustment to the Supplementary Restraint System (SRS), or any component(s) adjacent to the SRS sensors. Failure to follow these instructions may result in personal injury.

⚠ CAUTION:

Protect the surrounding paintwork to avoid damage.

△ NOTES:

- This procedure contains illustrations for left side components, right side components 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.

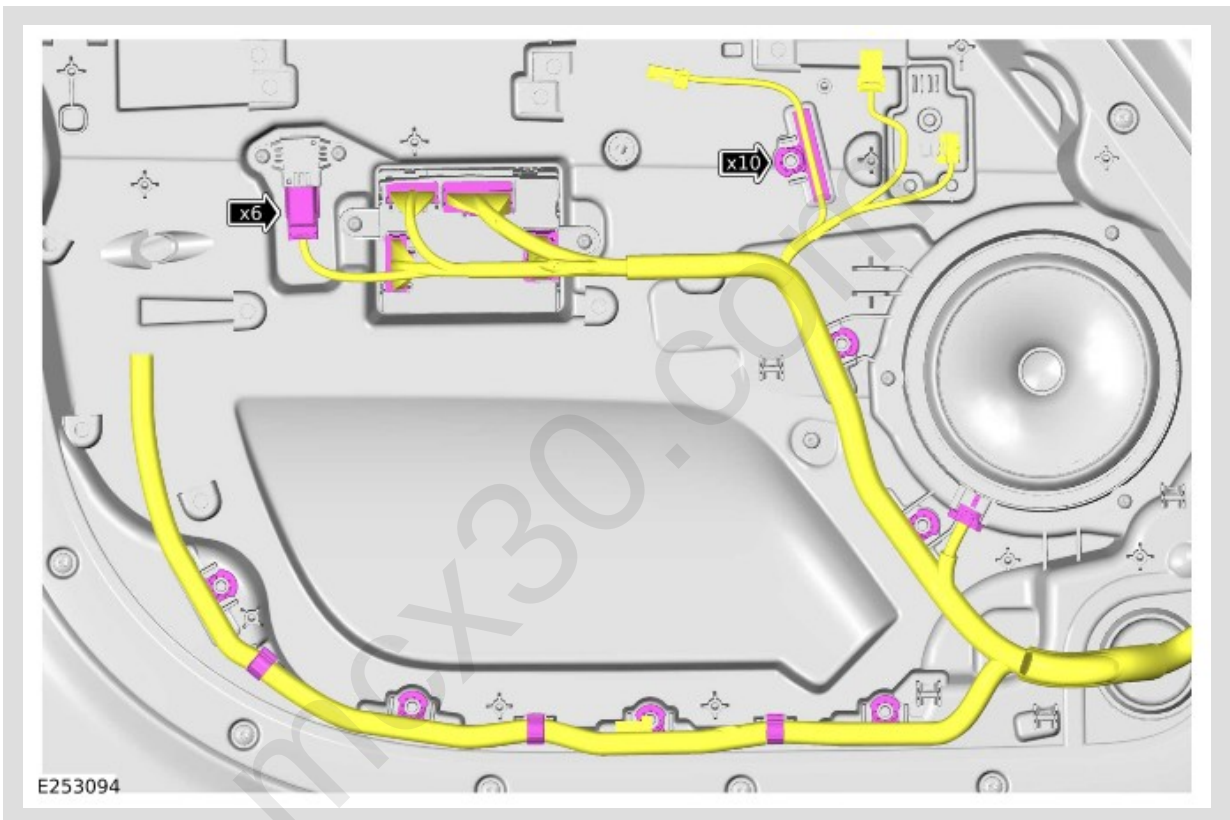
1.



Lower the front door window.

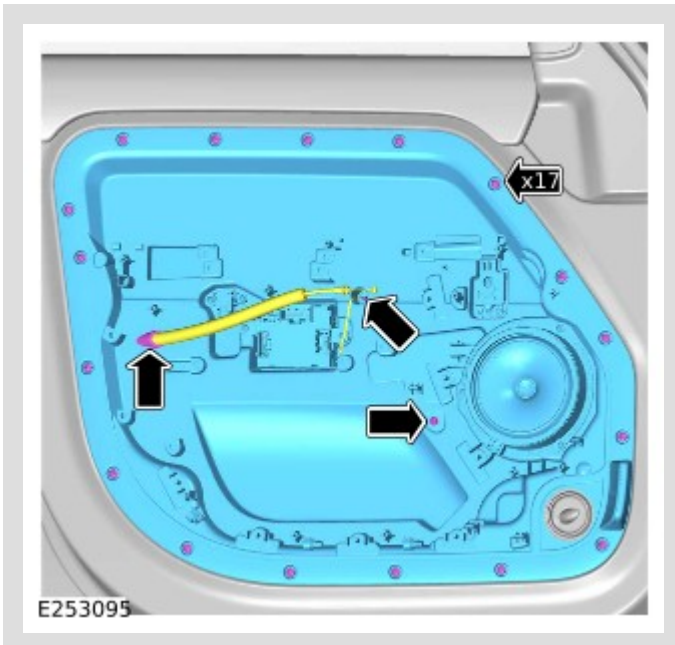
2. Make the Supplementary Restraint System (SRS) safe.
Refer to: [Supplementary Restraint System Health and Safety Precautions](#) (100-00 General Information, Description and Operation).
3. Disconnect the startup battery ground cable.
Refer to: [Startup Battery Disconnect and Connect](#) (414-00 Battery and Charging System - General Information, General Procedures).
4. Remove the front door trim panel.
Refer to: [Front Door Trim Panel](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

5.



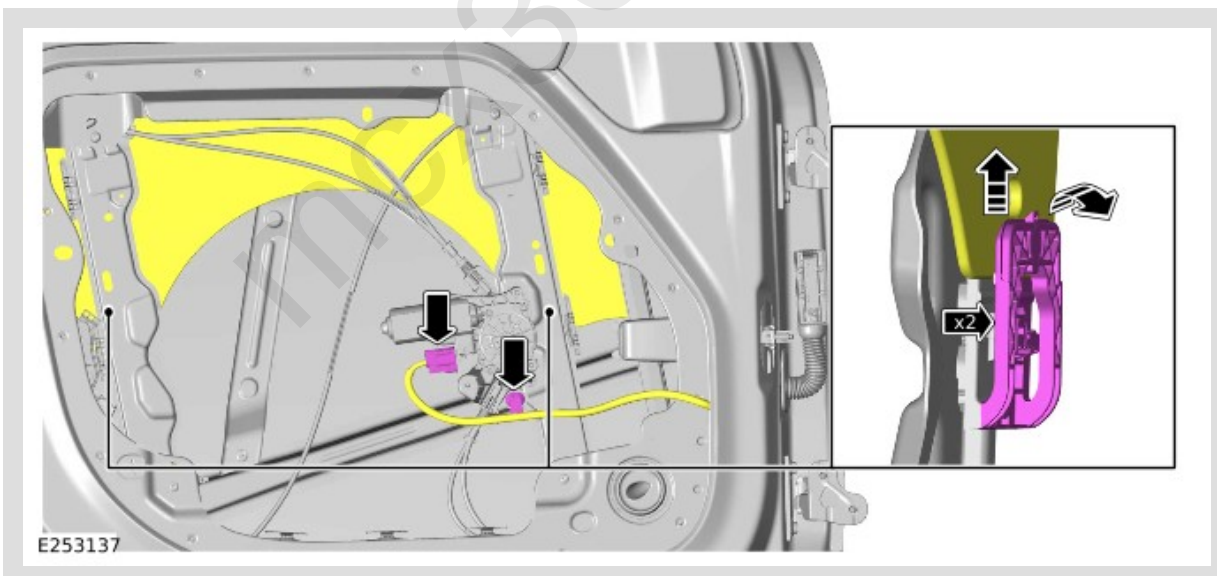
- Disconnect the 4 electrical connectors from the front door control module.
- Disconnect the electrical connector from the bass speaker.
- Disconnect the electrical connector from the front door impact sensor.
- Release the 10 wiring harness clips.

6.



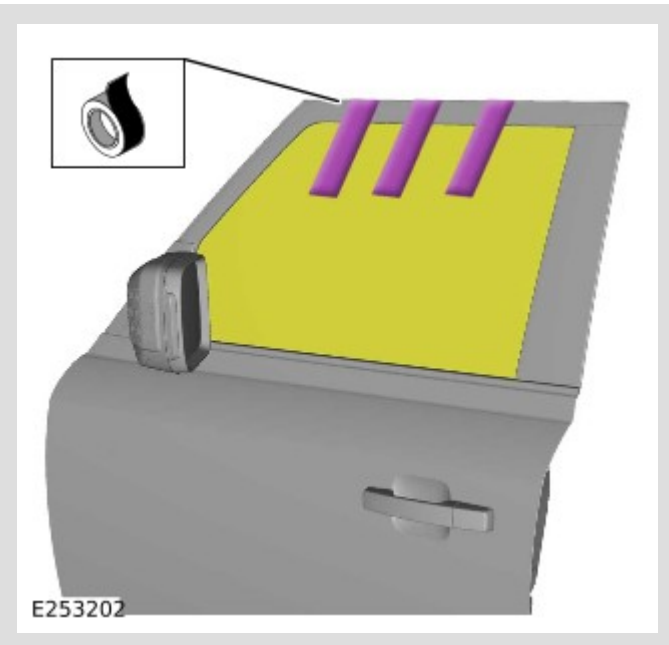
- Release the clip.
- Remove the screw.
- Remove the 17 bolts.
- Release the interior door handle cable.
- Remove the inner door panel.

7.



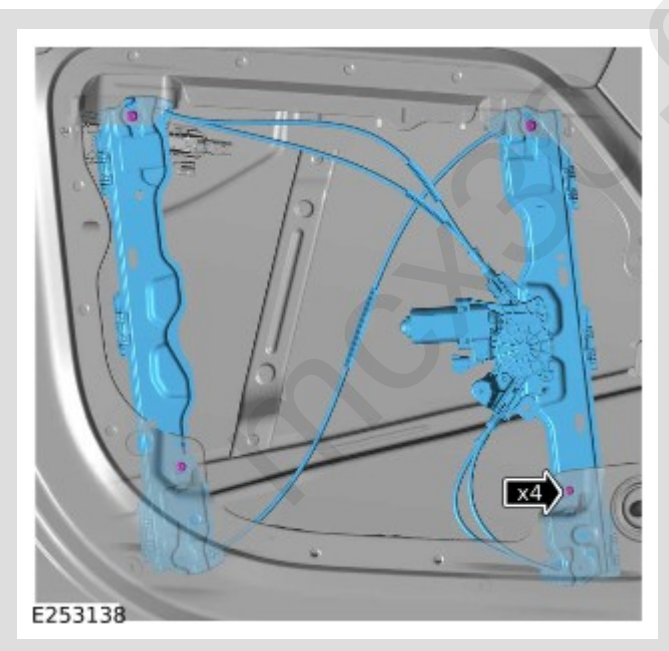
- Disconnect the electrical connector from the front window regulator motor.
- Release the wiring harness clip.
- Release the front door window from the 2 regulator clips.

8.



- Raise the front door window.
- Use an adhesive tape to secure the front door window to the front door frame.

9.



- Remove the 4 bolts.
- Remove the front door window regulator.

INSTALLATION

1.

- Install the front window regulator.
- Install and tighten the 4 bolts.

Torque: 7Nm

2.

Remove the adhesive tape.

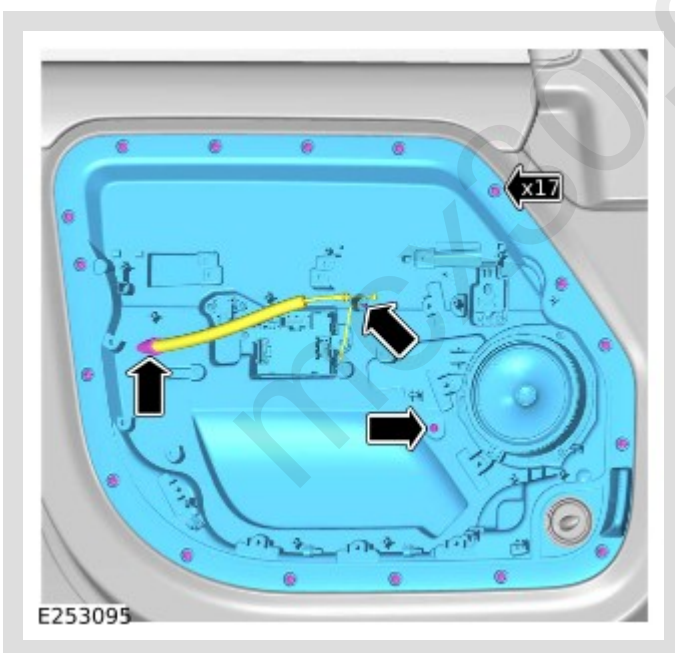
3.

⚠ CAUTION:

Make sure that 2 audible clicks are heard when the clips are fully located.

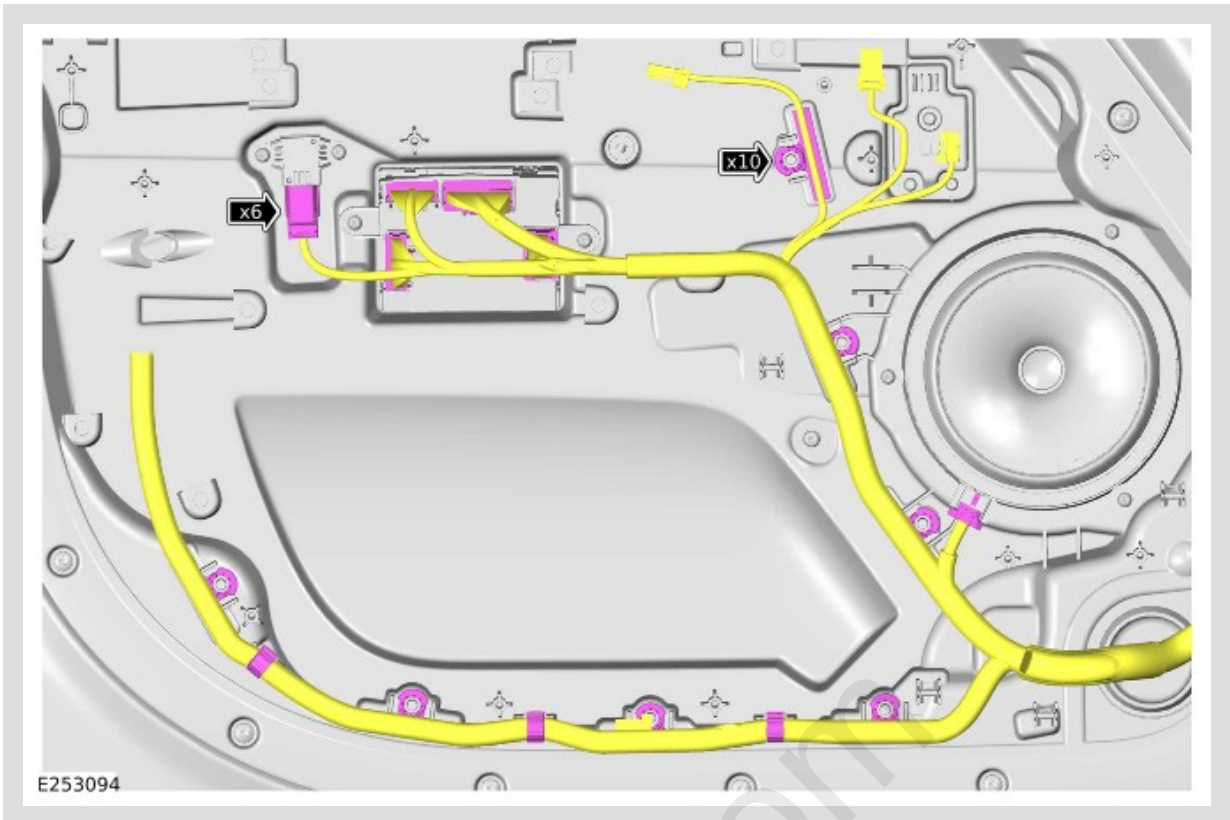
- Connect the front door window to the 2 regulator clips.
- Connect the electrical connector to the front window regulator motor.
- Install the wiring harness clip.

4.



- Install the interior door handle cable.
- Install the inner door panel.
- Secure the clip.
- Install and tighten the screw.
Torque: 3.2Nm
- Install and tighten the 17 bolts.
Torque: 6Nm

5.



- Install the 10 wiring harness clips.
- Connect the 4 electrical connectors to the front door control module.
- Connect the electrical connector to the bass speaker.
- Connect the electrical connector to the front door impact sensor.

6. Install the front door trim panel.

Refer to: [Front Door Trim Panel](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

7. Connect the startup battery ground cable.

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