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2020.0 DEFENDER (LE), 414-01A

BATTERY, MOUNTING AND CABLES – VEHICLES WITH: NON-ELECTRIC VEHICLES

STARTUP BATTERY (G2402358)

mcx30.com

GENERAL EQUIPMENT

EQUIPMENT NAME

Jaguar Land Rover approved diagnostic equipment

REMOVAL

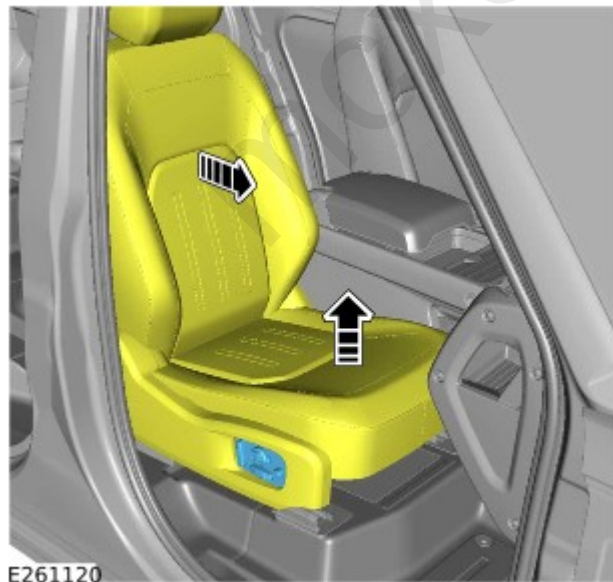
 NOTES:

- 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.
- The Startup battery is always under the front row right seat.

1.

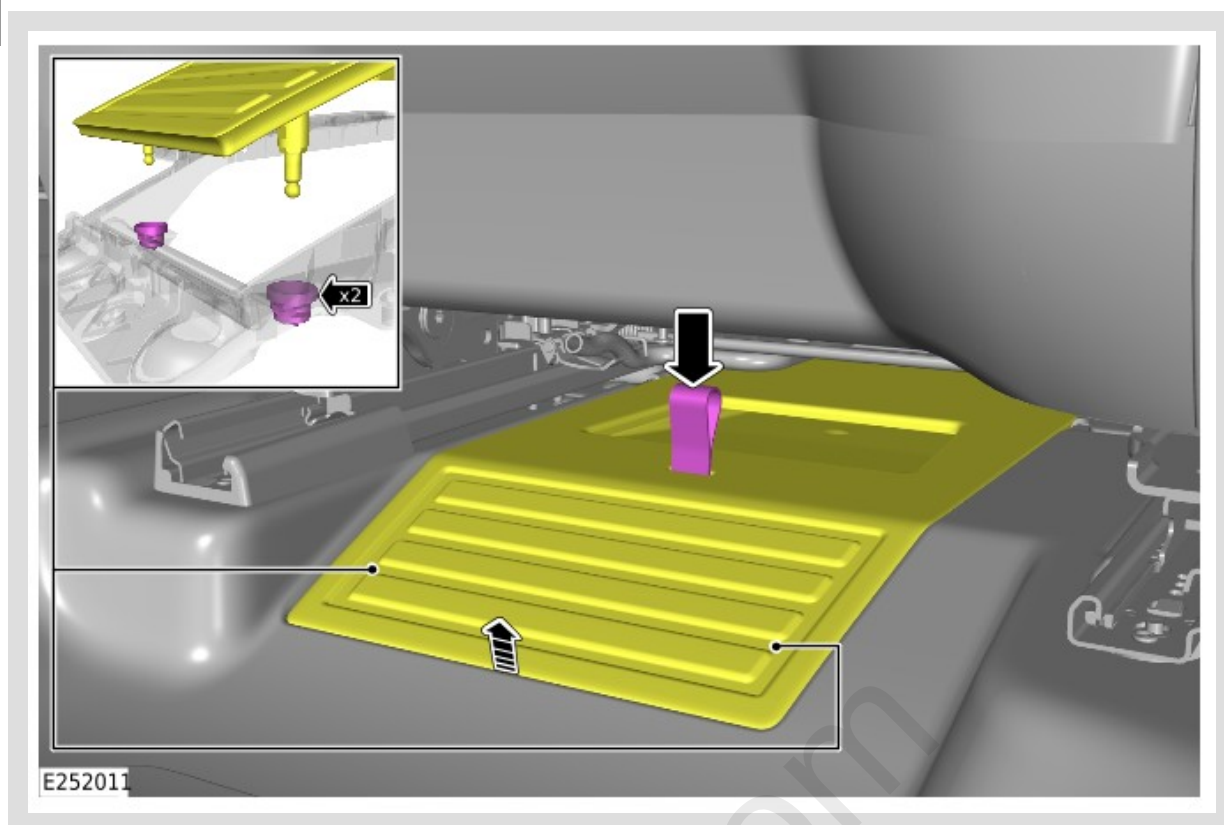
 NOTE:

Note the position of the front row right seat before repositioning.



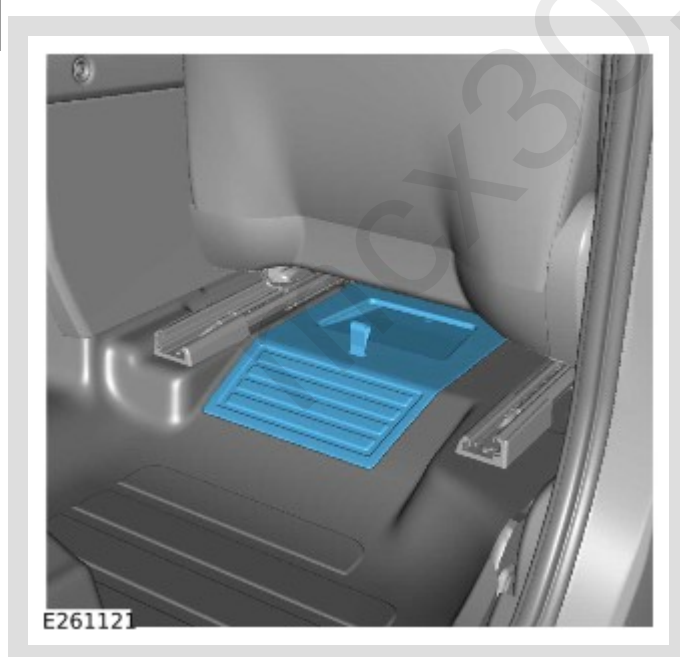
Reposition the front row right seat fully forward and fully upward.

2.



Release the access cover from the 2 grommets.

3.



Remove the access cover.

4.

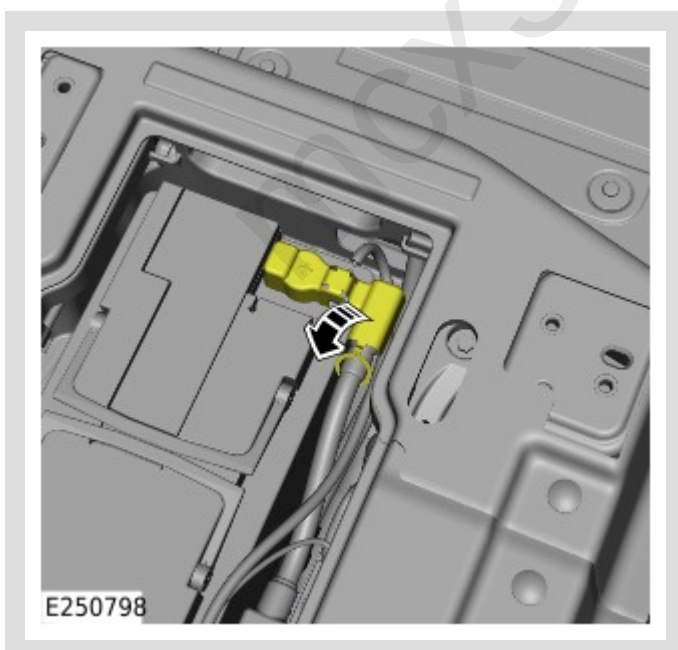
ⓘ CAUTION:

Do not disconnect the electrical connector from the Battery Monitoring System (BMS) sensor.



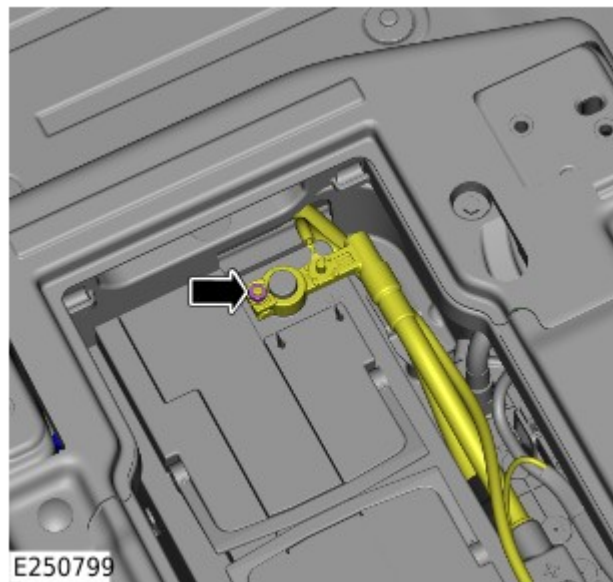
- Loosen, but do not fully remove the nut.
- Disconnect the startup battery ground cable.
- Reposition the startup battery ground cable away from the startup battery.

5.



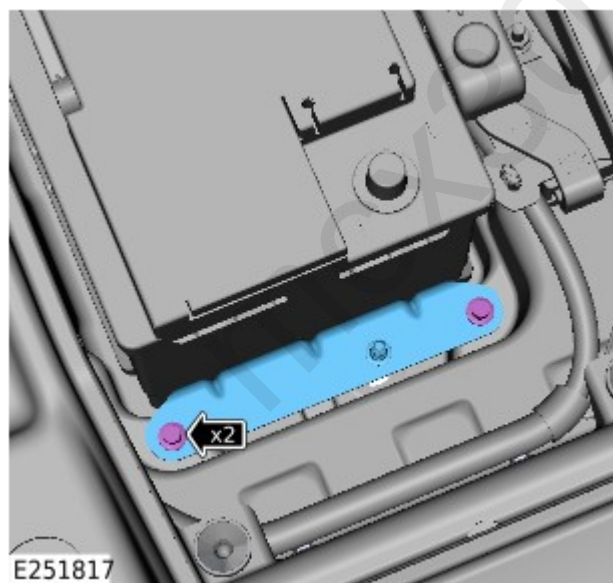
Release the startup battery positive terminal cover.

6.

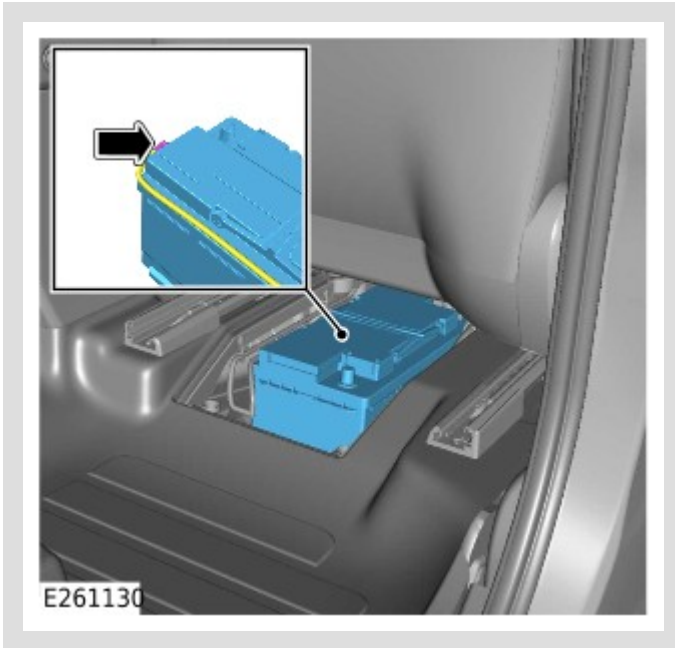


- Loosen, but do not fully remove the nut.
- Disconnect the startup battery positive cable.
- Reposition the startup battery positive cable away from the startup battery.

7.



- Remove the 2 bolts.
- Remove the startup battery clamp.



- Remove the startup battery.
- Disconnect the breather pipe from the startup battery.

INSTALLATION

1.

- Connect the breather pipe to the startup battery.
- Install the startup battery.

2.

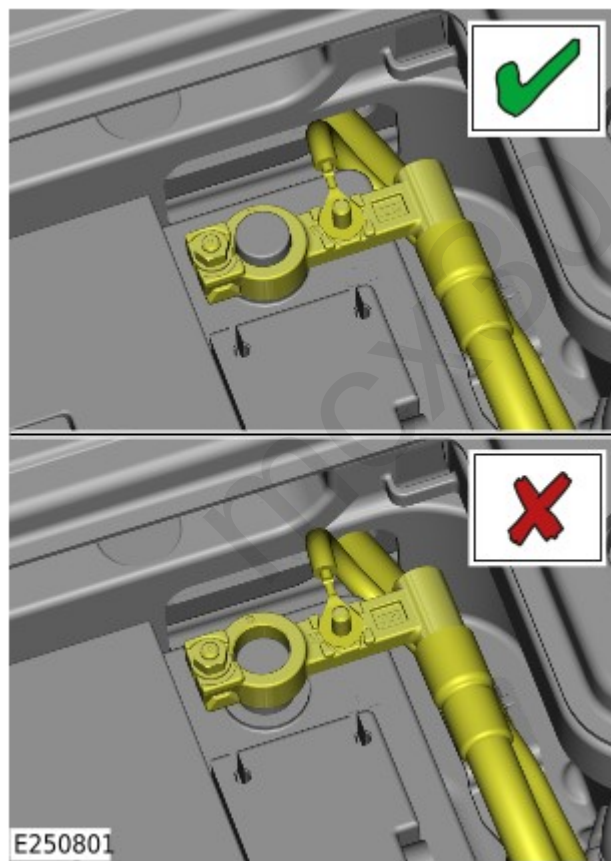
⚠ CAUTION:

Make sure that the startup BMS module wiring harness does not get caught beneath the startup battery clamp.

- Install the startup battery clamp.
- Install and tighten the 2 bolts.

Torque: 24Nm

3.

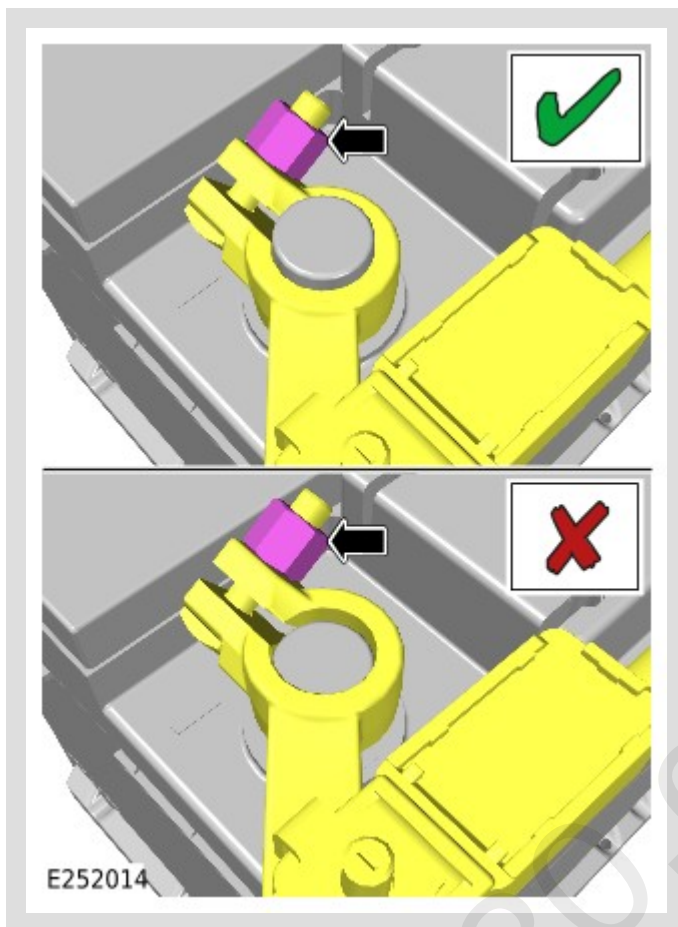


- Connect the startup battery positive cable.
- Make sure that the startup battery positive terminal is correctly installed.
- Tighten the nut.

Torque: 6Nm

4. Install the positive terminal cover.

5.



- Connect the startup battery ground cable.
- Make sure that the startup battery ground terminal is correctly installed.
- Tighten the nut.

Torque: 6Nm

6. Reposition the front row right seat in the noted position.

7. If a new startup battery is installed, use the Jaguar Land Rover (JLR) approved diagnostic equipment to calibrate the BMS control module.

General Equipment: [Jaguar Land Rover approved diagnostic equipment](#)