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2020.0 DEFENDER (LE), 414-01B

BATTERY, MOUNTING AND CABLES – VEHICLES WITH: MHEV

MHEV PASS THROUGH ASSEMBLY TO FRONT JUNCTION BOX CABLES (G2422551)

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REMOVAL

 CAUTION:

Do not allow the cables to hang unsupported.

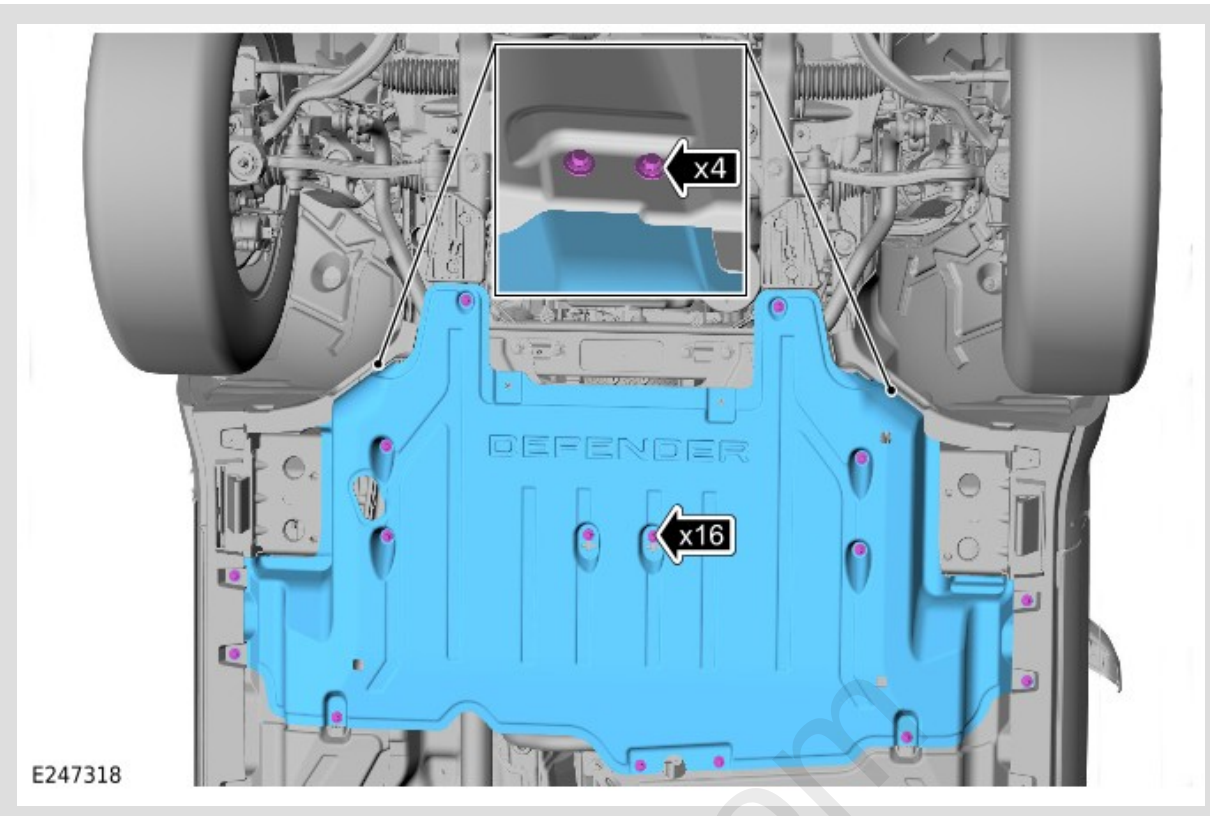
 NOTE:

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

1. Raise and support the vehicle on a suitable 2 post lift.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

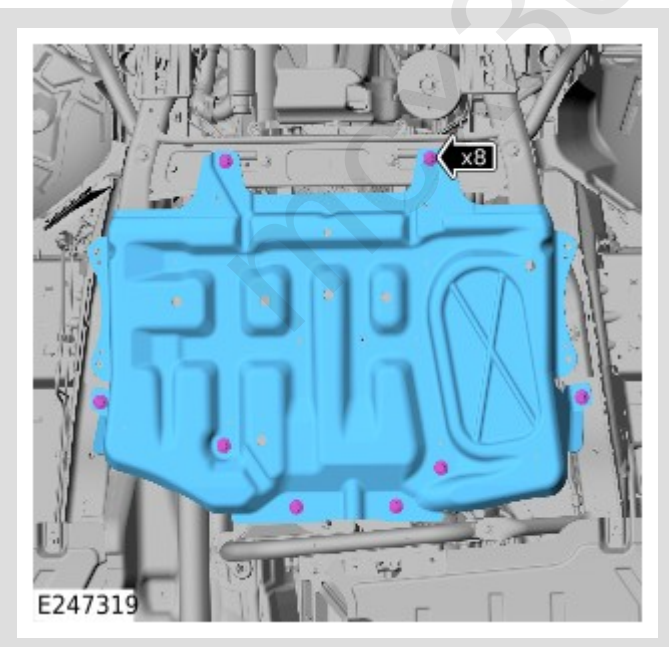
2. Remove the rear subframe assembly.
Refer to: [Rear Subframe](#) (502-00 Uni-Body, Subframe and Mounting System, Removal and Installation).

3.



- Remove the 20 bolts.
- Remove the transmission undershield cover.

4.

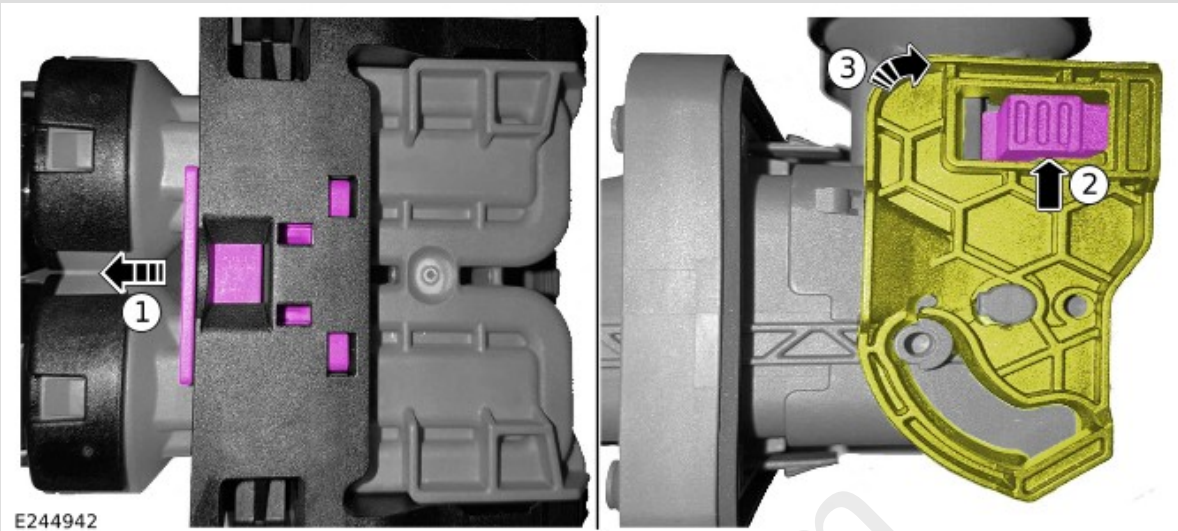


- Remove the 8 bolts.
- Remove the transmission undershield.

5.

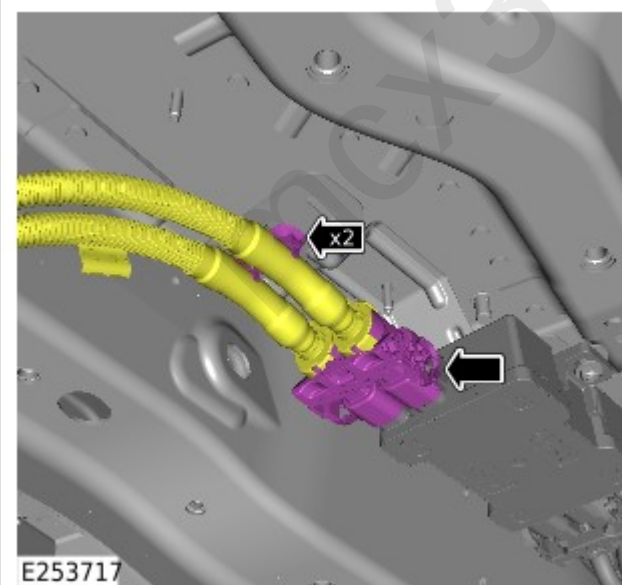
NOTE:

This step contains information for the following step(s).



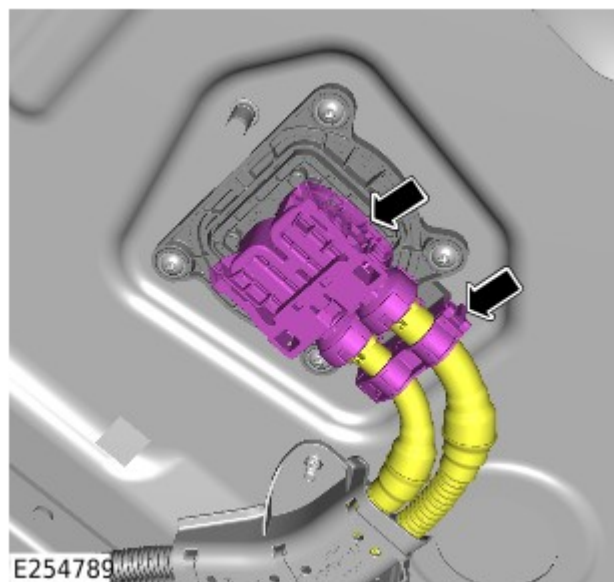
- Disengage the locking device.
- Press and hold the 2 lever locking tabs.
- Release the lever to disconnect the electrical connector.

6.



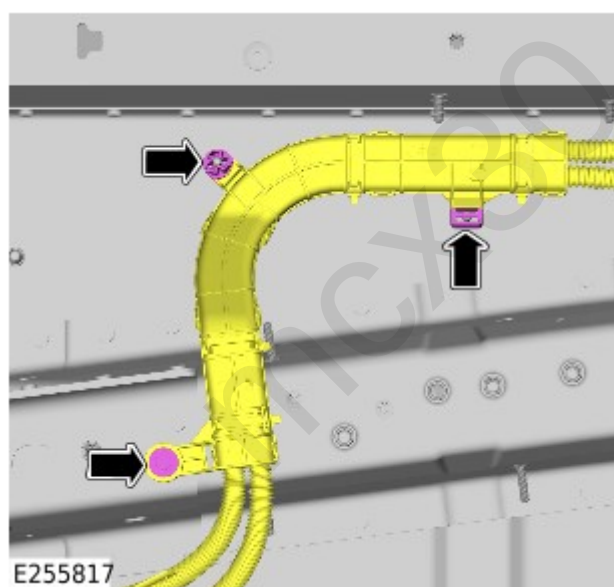
- Disconnect the MHEV cable front electrical connector.
- Release the 2 clips.

7.



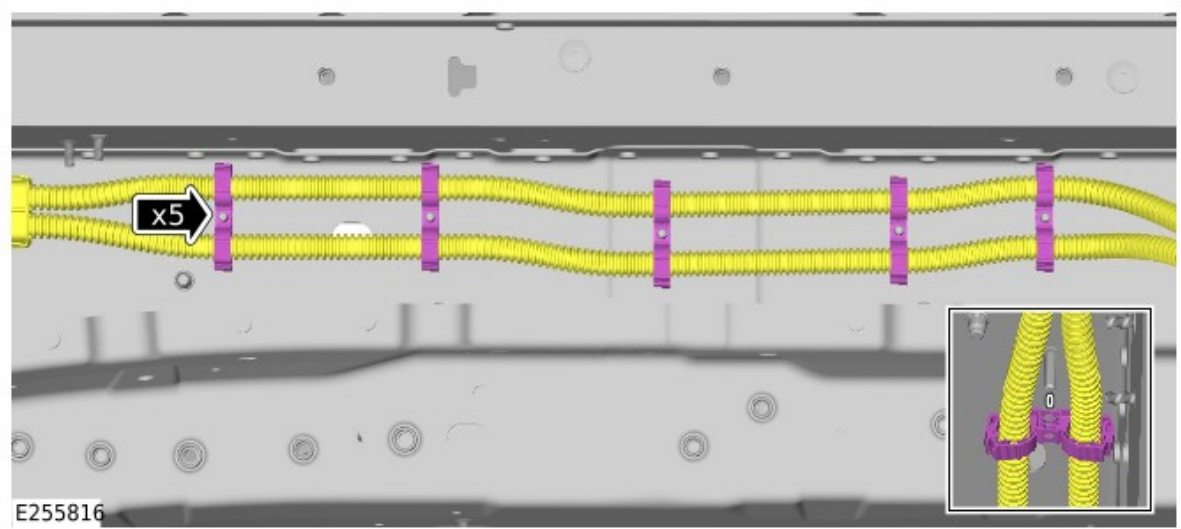
- Release the MHEV cable from the clip.
- Disconnect the MHEV cable rear electrical connector.

8.



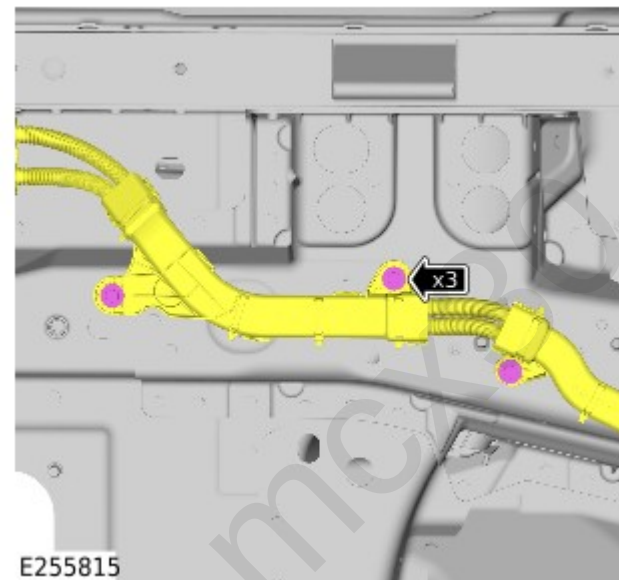
- Remove the bolt.
- Release the 2 MHEV cable front clips.

9.

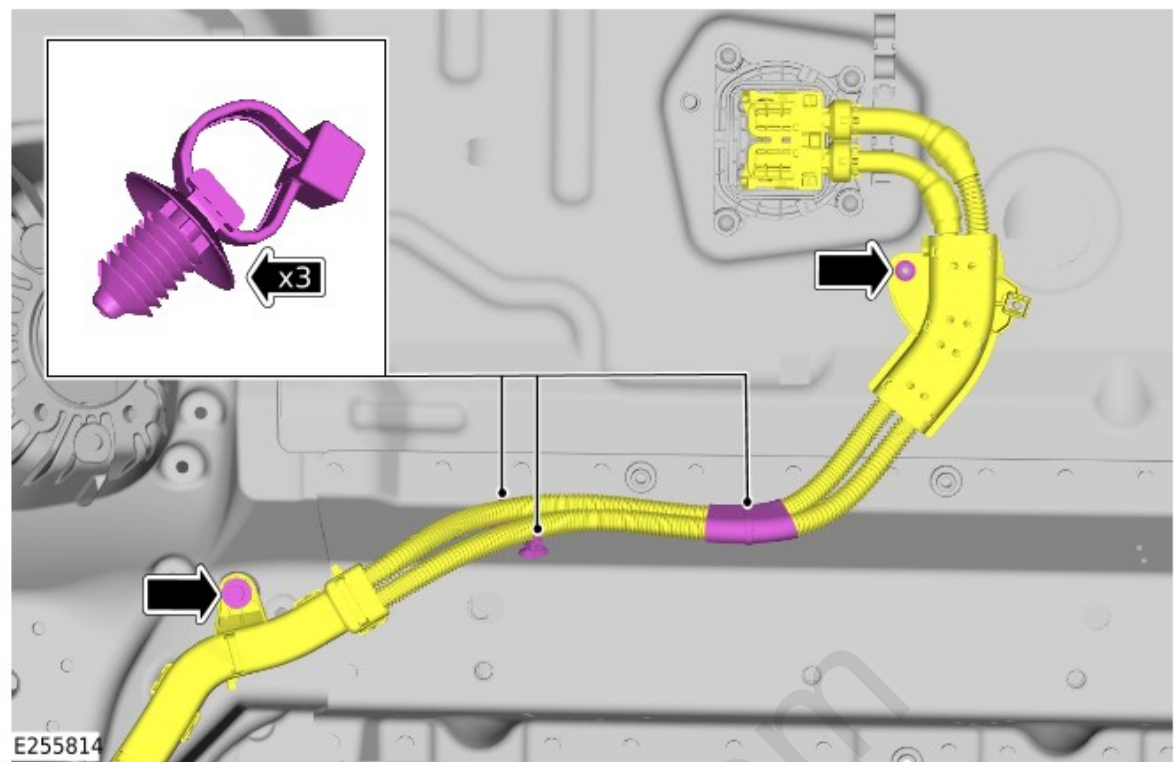


Release the 5 MHEV cable center clips.

10.



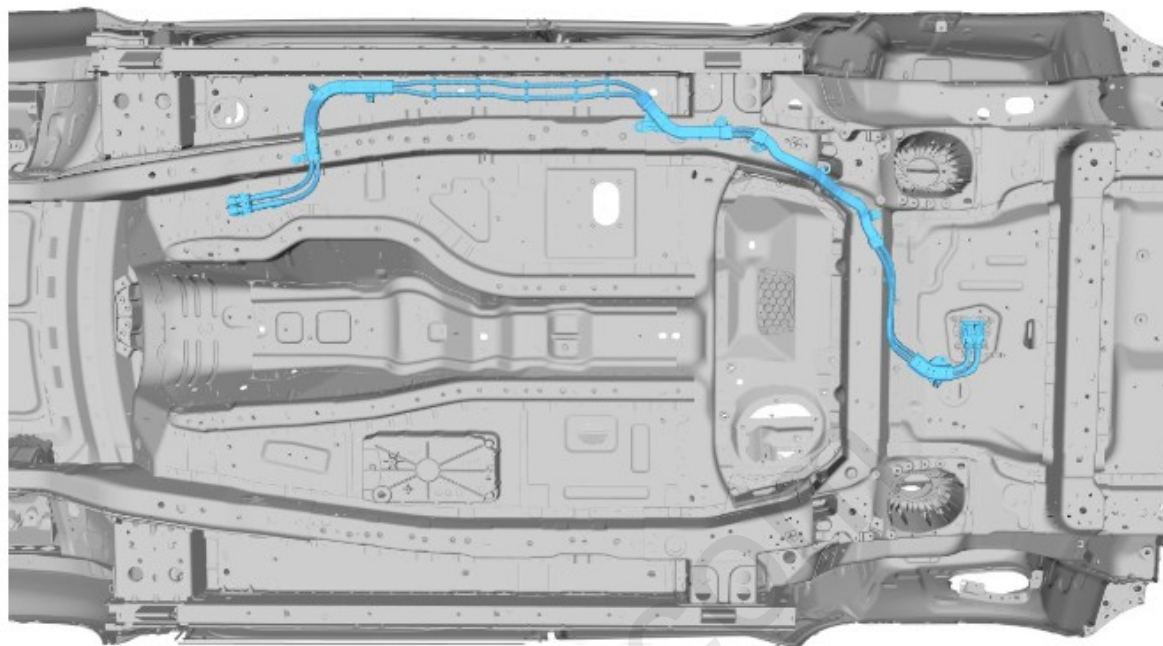
Remove the 3 MHEV cable center bolts.



- Remove the MHEV cable rear bolt.
- Remove the MHEV cable rear nut.
- Release the 3 MHEV cable rear clips.

ⓘ CAUTION:

This step requires the aid of another technician.



E255818

Remove the MHEV pass through assembly to front junction box cables.

INSTALLATION

1.



CAUTION:

This step requires the aid of another technician.

Install the MHEV pass through assembly to front junction box cables.

2.

- Install and tighten the MHEV cable rear bolt.

Torque: 10Nm

- Install and tighten the MHEV cable rear nut.

Torque: 10Nm

- Install the 3 MHEV cable rear clips.

3.

Install and tighten the 3 MHEV cable center bolts.

Torque: 10Nm

4.

Install the 5 MHEV cable center clips.

5.

- Install the 2 MHEV cable front clips.

- Install and tighten the bolt.

Torque: 10Nm

6.

- Connect the MHEV cable rear electrical connector.

- Install the MHEV cable to the clip.

7.

- Connect the MHEV cable front electrical connector.

- Install the 2 clips.

8.

- Install the transmission undershield.

- Install and tighten the 8 bolts.

Torque: 60Nm

9.

- Install the transmission undershield cover.

- Install and tighten the 20 bolts.

Torque: 10Nm

10. Install the rear subframe assembly.

Refer to: [Rear Subframe](#) (502-00 Uni-Body, Subframe and Mounting System, Removal and Installation).

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