

PUBLISHED: 16-SEP-2019
2020.0 DEFENDER (LE), 315-01

FOUR-WHEEL DRIVE SYSTEMS

HIGH/LOW RANGE SENSOR (G2413535)

mcx30.com

GENERAL EQUIPMENT

EQUIPMENT NAME

Jaguar Land Rover approved diagnostic equipment

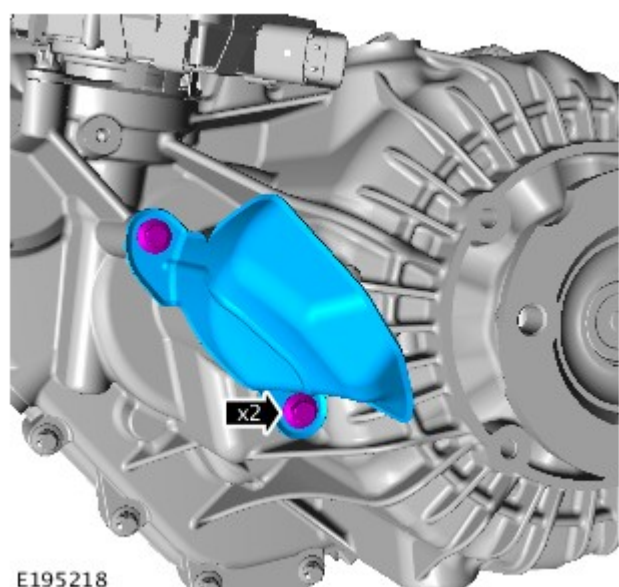
REMOVAL

 NOTE:

- 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.

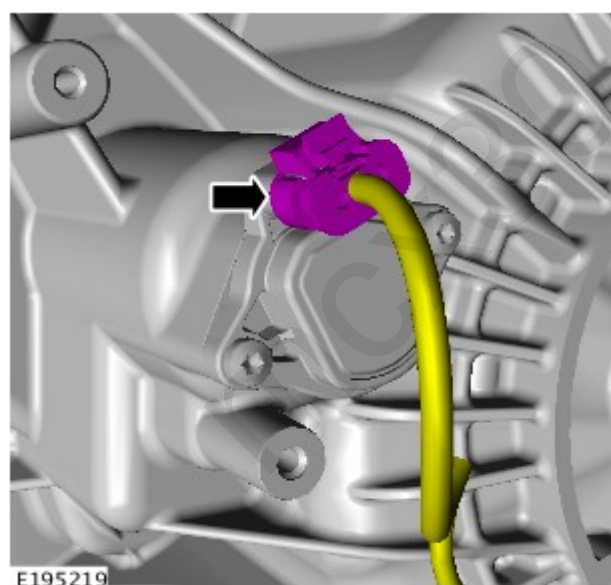
1. Disconnect the startup battery ground cable.
Refer to: [Startup Battery Disconnect and Connect](#) (414-00 Battery and Charging System - General Information, General Procedures).
2. Raise and support the vehicle on a suitable 2 post lift.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).
3. Remove the left undershield.
Refer to: [Left Undershield](#) (501-02 Front End Body Panels, Removal and Installation).

4.



- Remove the 2 bolts.
- Remove the heatshield.

5.

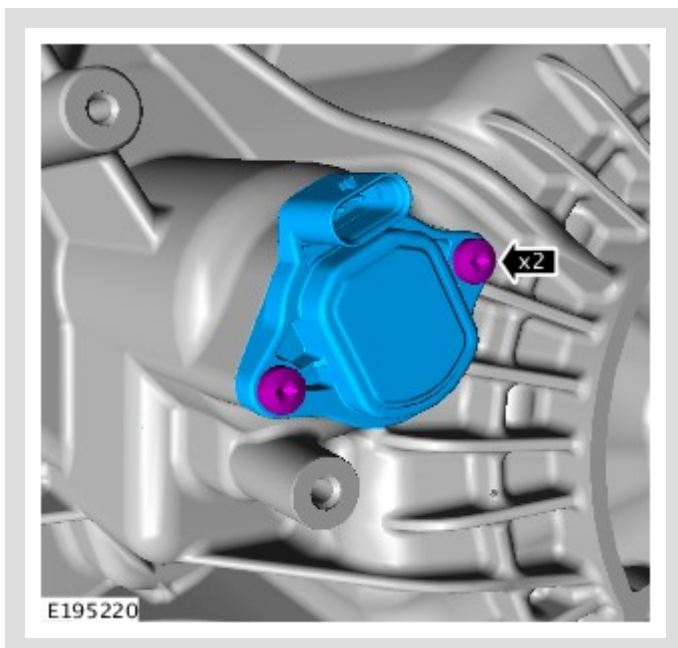


Disconnect the electrical connector.

6.

⚠ CAUTION:

Make sure that the mating faces are clean and free of foreign material.



- Remove the 2 bolts.
- Remove the sensor.

INSTALLATION

1.

- Install the sensor.
- Install and tighten the 2 bolts.

Torque: 5Nm

2.

Connect the electrical connector.

3.

- Install the heatshield.
- Install and tighten the 2 bolts.

Torque: 8Nm

4.

Install the left undershield.

Refer to: [Left Undershield](#) (501-02 Front End Body Panels, Removal and Installation).

5.

Connect the startup battery ground cable.

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

6.

- Connect the Jaguar Land Rover (JLR) approved diagnostic equipment to the vehicle.
General Equipment: [Jaguar Land Rover approved diagnostic equipment](#)
- Start the service function "transfer case-absolute position sensor replacement".
- Clear any Diagnostic Trouble Codes (DTCs) after calibration and check for correct operation.