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2020.0 DEFENDER (LE), 418-00

MODULE COMMUNICATIONS NETWORK

# BODY CONTROL MODULE/GATEWAY MODULE ASSEMBLY (G2431322)

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## GENERAL EQUIPMENT

## EQUIPMENT NAME

Jaguar Land Rover approved diagnostic equipment

## REMOVAL

 NOTES:

- If a new Body Control Module/Gateway Module (BCM/GWM) is installed, a new Remote Function Actuator (RFA) must also be installed. This step is only required for vehicles that are 15MY or later. This step is not required for North American Specification (NAS) vehicles. Use the approved Jaguar Land Rover (JLR) diagnostic equipment to configure the new RFA.
- Make sure all of the keys are present before this procedure is completed.
- A maximum of 8 remote transmitters and activity keys can be programmed to the BCM/GWM. Programming for all remote transmitters and activity keys must be completed at the same time.
- 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.

1. If a new Body Control Module/Gateway Module (BCM/GWM) is installed, use the approved Jaguar Land Rover diagnostic equipment to download the stored data.

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

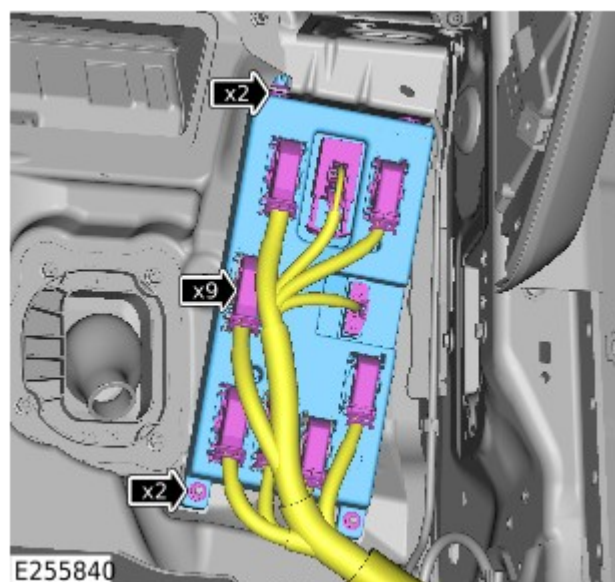
2. Disconnect the startup battery ground cable.

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

3. Remove the Passenger Junction Box (PJB).

Refer to: [Passenger Junction Box](#) (418-00 Module Communications Network, Removal and Installation).

4.



- Disconnect the 9 electrical connectors.
- Remove the 2 nuts.
- Release the BCM/GWM from the 2 grommets.
- Remove the BCM/GWM.

## INSTALLATION

1.

- Install the Body Control Module/Gateway Module (BCM/GWM) to the 2 grommets.
- Install and tighten the 2 nuts.  
*Torque: 10Nm*
- Connect the 9 electrical connectors.

2.

Install the Passenger Junction Box (PJB).

Refer to: Secondary Bulkhead Center Panel - INGENIUM I6 3.0L Petrol (501-02 Front End Body Panels, Removal and Installation).

3.

Connect the startup battery ground cable.

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

4.

If a new BCM/GWM is installed, use the approved Jaguar Land Rover diagnostic equipment to configure the new BCM/GWM and upload the stored data.

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

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