

Q634NAS2

TECHNICAL BULLETIN

24 MAY 2016



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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether this bulletin applies to a specific vehicle.

INFORMATION

Changes are highlighted in blue

SECTION:

414-00

SUBJECT/CONCERN:

Service Action: Gateway Module (GWM) Stay Awake - Battery Drain

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Discovery Sport (LC)	2015-2016	501001-605020	Halewood
Range Rover Evoque (LV)	2015-2016	955857-130750	Halewood
Range Rover Sport (LW)	2015-2016	359577-572825	Solihull
Range Rover Sport (LW)	2015-2016	600614-645580	Solihull
Range Rover (LG)	2015-2016	165369-275244	Solihull

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:**SITUATION:**

An issue has been identified on a limited number of vehicles within the listed Affected Vehicle Range where the Gateway Module (GWM) stays awake and keeps the Controller Area Network (CAN) awake. This constant current drain of three (3) amps causes the battery to go flat within a few days.

ACTION:

Retailers are required to **HOLD** affected new vehicles that are within your control and refrain from releasing the vehicles for **new vehicle sale** pending completion of the Service Instruction detailed in this Technical Bulletin. Unsold vehicles should have this performed as part of the Pre-Delivery Inspection (PDI) process but **must** have it completed prior to vehicle handover to the customer.

Affected vehicles already in the hands of customers should be updated at the next available opportunity.

PARTS:

No parts required.

SPECIAL TOOLS:



Jaguar Land Rover-approved Midtronics Battery Power Supply



Jaguar Land Rover-approved diagnostic tool with latest SDD software and Calibration File

WARRANTY:

△ NOTE:

Check DDW to ensure that a vehicle is affected by this program prior to undertaking any rework action.

At the time of confirming a booking for vehicle repair, ensure that **all** outstanding Recalls and Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Warranty claims must be submitted quoting the Program Code together with the relevant Option Code from the table. SRO and parts information is included for information only. The Option Code (s) that allows for the drive in / drive out allowance can only be claimed if the vehicle is brought back into the workshop for this action alone to be undertaken.

This program is valid for a limited time only. Warranty claims with a repair date prior to the **31 October 2018** closure date must be submitted or payment within 30 calendar days of completion of the repair.

Repair procedures are under constant review and therefore times / prices are subject to change; those quoted here must be taken as guidance only. Refer to TOPIx to obtain the latest repair time.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS /SUNDRY CODE	QTY /VALU
Q634	B	Configure the gateway module	86.90.97	0.20	-	-
Q634	C	Configure the gateway module Drive in/drive out	86.90.97 02.02.02	0.20 0.20	- -	- -
Q634	D	Configure the gateway module Disengage and reengage transit mode	86.90.97 86.90.89.30	0.20 0.20 - Discovery Sport (L550) and Range Rover Evoque (L538) 0.30 - Range Rover Sport (L494) and Range Rover (L405)	- -	- -
Q634	E	Configure the gateway module Disengage and reengage transit mode Drive in/drive out	86.90.97 86.90.89.30 02.02.02	0.20 0.20 - Discovery Sport (L550) and Range Rover Evoque (L538) 0.30 - Range Rover Sport	- - -	- - -

				(L494) and Range Rover (L405) 0.20		
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Normal Warranty policies and procedures apply.

SERVICE
INSTRUCTION:

 **CAUTIONS:**

- A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during diagnosis / module programming.
- Make sure all ignition ON/OFF requests are carried out; failure to perform these steps may cause damage to control modules in the vehicle.

 **NOTE:**

The Jaguar Land Rover-approved diagnostic tool must be loaded with SDD149.00 v.2643 (or later).

- 1 Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
- 2 Turn ignition ON (engine not running).
- 3 Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.

4

Follow the on-screen prompts, allowing the diagnostic tool to read the VIN and identify the vehicle and initiating the data collect sequence.

If the vehicle is in 'Transportation mode', set the vehicle to 'Normal operation mode'.

5 Select **Diagnosis** from the Session Type screen.

6 Select the **Selected Symptoms** tab, and then select the following:

Electrical - Battery - Power distribution or

Electrical - Battery - Charging system

7 Run and close the **Datalogger** tool to reveal the ' **Extras** ' tab.

8 Select the **Extras** tab.

9 From the Recommendations tab, select **Run** to perform the ' **Configure existing module - Gateway module** ' option.

10 Follow all on-screen instructions to complete this task, ensuring all Diagnostic Trouble Codes (DTC) are cleared.

If required, reset the vehicle to 'Transportation mode'.

11 When all tasks are complete, select the **Session** tab and then select the **Close Session** option.

12 Disconnect the diagnostic tool and battery power supply from the vehicle.