



LTB01077NAS3

TECHNICAL BULLETIN

15 MAR 2018

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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

This reissue replaces all previous versions. Please destroy all previous versions.

Changes are highlighted in blue

SECTION:

413-00: Instrumentation and Warning Systems

SUBJECT/CONCERN:

'Gearbox not in park' Message Displayed on Instrument Cluster

AFFECTED VEHICLE RANGE:

MODEL:**MODEL YEAR:****VIN:****ASSEMBLY PLANT:**

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Discovery (LR)	2017	000532-023790	Solihull
Range Rover Velar (LY)	2018	700125-702593	Solihull
Range Rover Sport (LW)	2017	124031-157499	Solihull
Range Rover Sport (LW)	2017	666892-688634	Solihull
Range Rover (LG)	2017	320324-357266	Solihull

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

A 'Gearbox not in park' message may be displayed on the Instrument Cluster with the transmission in 'P' (PARK).

CAUSE:

This may be caused by a Body Control Module (BCM) software issue causing a false message to be displayed on the Instrument Cluster.



ACTION:

Should a Customer express this concern, follow the Diagnostic Procedure below.

PARTS:

No Parts Required

TOOLS:

 <p>E192494</p>	<p>Jaguar Land Rover-approved Midtronics battery power supply</p>	 <p>E208514</p>	<p>Jaguar Land Rover-approved diagnostic tool with latest PATHFINDER software</p>
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WARRANTY:

NOTE:

The Body Control Module (BCM) may also be referred to as Central Junction Box (CJB).

- NOTES:**
- Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to JLR claims submission system to obtain the latest repair time.
 - The JLR Claims Submission System requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Gateway Module Assembly (GWM) - Configuration	86.90.97	0.2	04	LR079621
Central Junction Box (CJB) - System diagnosis - Includes configuration of new ECU - With diagnostic equipment connected	86.90.06.02	0.1	04	LR079621

NOTE:

Normal Warranty procedures apply.

DIAGNOSTIC PROCEDURE:

 **CAUTIONS:**

- A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during diagnosis / module programming.
- All ignition ON/OFF requests must be 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 PATHFINDER version 146 (or later).

1 Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.

2 Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.

3  **NOTE:**

The Jaguar Land Rover-approved diagnostic tool will read the correct Vehicle Identification Number (VIN) for the current vehicle and automatically take the vehicle out of Transit mode if required.

Follow the on-screen prompts.

4 Select **ECU Diagnostics**.

5  **NOTE:**

If 'Update ECU' is grayed out, the Gateway module software is up to date.

Select **Gateway module 'A' (GWM)**.

6 Select **Update ECU**.

- 1 Follow all on-screen instructions until the application completes successfully.
 - 2 When all tasks are complete, go to the next Step.
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7 Use the '**back**' button to return to the previous menu.

8 Select **Body Control Module (BCM)**.

9 Select **Update ECU**.

- 1 Follow all on-screen instructions until the application completes successfully.
 - 2 When all tasks are complete, go to the next Step.
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10 Exit the current session.

- 1 If required, reset the vehicle to **Transit mode**.
 - 2 Select the **Exit** icon.
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11 Disconnect the diagnostic tool and battery power supply from the vehicle.
