LTB01077NAS4

TECHNICAL BULLETIN

05 JUL 2021

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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.

This bulletin supersedes TSB LTB01077NAS3/2018 dated 15 MAR 2018, which should either be destroyed or clearly marked to show it is no longer valid (e.g. with a line across the page). Only refer to the electronic version of this Technical Bulletin in TOPIx.

Changes are highlighted in blue

SECTION:

413-00

SUBJECT/CONCERN:

'Gearbox not in park' Message Displayed on Instrument Cluster

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:

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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:

Body Control Module (BCM) software issue causing a false message to be displayed on the instrument panel cluster.

ACTION:

Follow the instruction(s) below.

TOOLS:

Jaguar Land Rover (JLR) approved diagnostic equipment

JLR approved battery support unit

WARRANTY:

NOTE:

* When submitting your Warranty claim within the Warranty portal, use the Condition Code list shown to select the Condition Code which best describes the vehicle defect.

NOTES:

- Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Use TOPIx 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 A (GWM) - Update ECU	85.87.12	0.2	*	LR079621
BCM - Update ECU - With diagnostic equipment connected	85.86.22.02	0.1	*	LR079621

NOTE:

Normal Warranty procedures apply.

DIAGNOSTIC INSTRUCTION

1. **CAUTIONS:**

   - This procedure requires a minimum of Pathfinder 336 loaded or later.
   - All ignition ON/OFF instructions must be followed. Failure to complete these instructions may cause damage to the vehicle control modules.

   NOTE:

   The Jaguar Land Rover (JLR) approved diagnostic equipment will read the Vehicle Identification Number (VIN) for the vehicle and automatically take the vehicle out of 'Transportation mode' if required.

   Connect the JLR approved battery support unit.

2. Connect the JLR approved diagnostic equipment to the vehicle and begin a new session.

3. Follow the JLR approved diagnostic equipment prompts.
   - Select 'ECU Diagnostics'.
   - Select 'Gateway module 'A' [GWM]'.
   - Select 'Update ECU'.
   - Follow all on-screen instructions to complete the task.
   - Select 'Body Control Module [BCM]'.
   - Select 'Update ECU'.
   - Follow all on-screen instructions to complete the task.

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

5. When all of the tasks are complete, exit the session.

6. Disconnect the JLR approved diagnostic equipment and the JLR approved battery support unit.