

LTB01202NAS1

TECHNICAL BULLETIN

12 JUN 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

SECTION:

205-02: Rear Drive Axle/Differential

SUBJECT/CONCERN:

'Traction Reduced' Message Displayed / DTC U2000-4B Stored

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Discovery (LR)	2017-2018	000001-071805	Solihull
Range Rover Velar (LY)	2018	700000-773133	Solihull
Range Rover Sport (LW)	2017-2018	124031-199999	Solihull

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Range Rover Sport (LW)	2017-2018	666892-699999	Solihull
Range Rover Sport (LW)	2018	400000-411119	Solihull
Range Rover Sport (LW)	2018	800000-804795	Solihull
Range Rover (LG)	2017-2018	320324-399999	Solihull
Range Rover (LG)	2018	500017-506030	Solihull

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

A 'Traction Reduced' warning message may be displayed on the Instrument Cluster and a 'juddering' noise may be heard when the steering is in the full lock position, such as during low speed maneuvers and parking. Upon further diagnosis, the technician may find Diagnostic Trouble Code (DTC) U2000-4B stored in the Rear Differential Control Module (RDCM).

CAUSE:

This may be caused by a hardware variability incompatible with software.

ACTION:

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

PARTS:

No Parts Required

TOOLS:



Jaguar Land
Rover-approved
Midtronics battery
power supply



Jaguar Land
Rover-approved
diagnostic
equipment with
the latest
PATHFINDER
software

WARRANTY:

△ 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
Configure existing Rear Differential Control Module (RDCM)	51.90.02	0.2	04	LR086488

△ NOTE:

Normal Warranty procedures apply.

DIAGNOSTIC PROCEDURE:

ⓘ CAUTIONS:

- A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle startup 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:

Use the Jaguar Land Rover claims submission system to check for Field Service Action program eligibility requiring a Rear Differential Control Module (RDCM) software update. If eligible, perform and claim the update as per that program using the latest PATHFINDER software.

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

2

NOTE:

The Jaguar Land Rover-approved diagnostic equipment must be loaded with PATHFINDER version 166 (or later).

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

3

NOTE:

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

Follow all on-screen instructions.

- 4 Select **ECU Diagnostics**.

- 5 Select **Rear Differential Control Module (RDCM)**.

- 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.

7 Exit the current session.

- 1 If required, reset the vehicle to **Transit mode**.
- 2 Select the **Exit** icon.

8 Disconnect the diagnostic equipment and battery power supply from the vehicle.