



LTB01197NAS1

TECHNICAL BULLETIN

17 MAY 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:

204-05: Vehicle Dynamic Suspension

SUBJECT/CONCERN:

Air Suspension Too Firm and/or Warning Message 'Adaptive Dynamics Fault' Displayed On The Instrument Cluster

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Range Rover Velar (LY)	2018 Onwards	738803 Onwards	Solihull	Vehicles With: Dynamic Suspension

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

The air suspension system may be too firm and an 'Adaptive Dynamics Fault' message may be displayed on the Instrument Cluster. This message will be displayed until the ignition has been switched OFF and ON, and will continue to display each drive cycle until this Technical Bulletin has been completed.

CAUSE:

This may be caused by a Chassis Control Module (CHCM) software error.

ACTION:

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

PARTS:

No Parts Required

TOOLS:



E192494

Jaguar Land
Rover-approved
Midtronics battery
power supply



E208514

Jaguar Land
Rover-approved
diagnostic tool
with 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 Chassis Control Module (CHCM)	64.90.05	0.2	42	LR105419

NOTE:

Normal Warranty procedures apply.

DIAGNOSTIC PROCEDURE: PATHFINDER

This Diagnostic Procedure is only for vehicles requiring the Jaguar Land Rover-approved diagnostic tool with PATHFINDER.

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 Chassis Control Module (CHCM) 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 tool must be loaded with PATHFINDER version 160 (or later).

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 all on-screen instructions.

4 Select **ECU Diagnostics**.

5 Select **Chassis Control Module [CHCM]**.

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 tool and battery power supply from the vehicle.