



TECHNICAL BULLETIN

29 AUG 2019

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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supersedes TSB LTB01249NAS2/2018 dated 20 DEC 2018, which should either be destroyed or clearly marked to show it is no longer valid (e.g. with a line across the page).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:

303-14

SUBJECT /CONCERN:

'Diesel Exhaust Fluid (DEF) Dosing Malfunction' Message Displayed

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Range Rover Velar (LY)	2018-2019	700002-799999	Solihull	INGENIUM I4 2.0L Diesel, Vehicles With: Diesel Exhaust Fluid
Range Rover Velar (LY)	2019	200000-224401	Solihull	INGENIUM I4 2.0L Diesel, Vehicles With: Diesel Exhaust Fluid

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:**SITUATION:**

A 'No Engine Restarts in XXX miles' message, accompanied by a DEF dosing malfunction message on the Instrument Cluster (IC), with stored Diagnostic Trouble Codes (DTC) P208A-13 and P208C-11 in the Powertrain Control Module (PCM).

CAUSE:

Software error.

ACTION:

Follow the instruction(s) below.

TOOLS:



E208514

Jaguar Land Rover (JLR)
approved diagnostic
equipment



E3 752231

JLR approved battery
support unit

WARRANTY:

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
Powertrain Control Module (PCM) - Update ECU	18.90.90	0.2	04	LR121300

 **NOTE:**

Normal Warranty procedures apply.

1.

⚠ CAUTION:

This procedure requires a minimum of Pathfinder 239 installed or later.

△ NOTES:

- The 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.
- All ignition ON/OFF instructions must be followed. Failure to complete these instructions may cause damage to the vehicle control modules.

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 'Powertrain control module [PCM]'.
- 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.