

JLRTB02020NAS2

TECHNICAL BULLETIN

27 APR 2020



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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supersedes TSB JLRTB02020NAS1/2020 dated 07 JAN 2020, which should either be destroyed or clearly marked to show it is no longer valid (e.g. with a line across the page).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:

Malfunction Indicator Lamp (MIL) Illuminated On Instrument Panel Cluster (IPC) - P2170-11

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
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MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Range Rover Evoque (LV)	2018-2019	255258-354248	Halewood	INGENIUM I4 2.0L Petrol
Discovery Sport (LC)	2018-2019	708388-830102	Halewood	INGENIUM I4 2.0L Petrol
E-PACE (X540)	2018-2019	Z00001-Z70215	Graz (Austria)	INGENIUM I4 2.0L Petrol

MARKETS:

Canada, United States

CONDITION SUMMARY:**SITUATION:**

The Malfunction Indicator Lamp (MIL) is illuminated on the Instrument Panel Cluster (IPC) with reduced engine performance. Further investigation has shown that Diagnostic Trouble Code(s) (DTC) P2170-11 is stored in the Powertrain Control Module (PCM).

CAUSE:

Unexpected active exhaust valve operation.


ACTION:

Follow the instructions below.

TOOLS:

+


Jaguar Land Rover (JLR)
approved diagnostic equipment



E208514

+

JLR approved battery support
unit



E31702201

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
PCM - Update - Replace ECU	85.18.03	0.2	04	LR104411/J9C2040

NOTE:

Normal Warranty procedures apply.

DIAGNOSTIC INSTRUCTION:

1.

CAUTIONS:

- This procedure requires a minimum of Pathfinder 276 installed 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 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 '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.