



ADVANCE YOUR VISION

LTB01245NAS3

TECHNICAL BULLETIN

01 FEB 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.

Changes are highlighted in blue

SECTION:

303-14

SUBJECT/CONCERN:

Engine MIL Illuminated With DTC P0191-85 Stored

AFFECTED VEHICLE RANGE:

MODEL:

MODEL YEAR:

VIN:

ASSEMBLY PLANT:

APPLICABILITY:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Discovery Sport (LC)	2018	685128-778788	Halewood	INGENIUM I4 2.0L Petrol
Range Rover Evoque (LV)	2018	226559-324533	Halewood	INGENIUM I4 2.0L Petrol
Range Rover Velar (LY)	2018	700000-778452	Solihull	INGENIUM I4 2.0L Petrol

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

The engine MIL (Malfunction Indicator Lamp) may be illuminated with DTC (Diagnostic Trouble Code) P0191-85 stored in the Powertrain Control Module (PCM).

CAUSE:

This may be caused by an incorrect PCM calibration causing a false flag of the DTC.

ACTION:

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

PARTS:

No Parts Required

TOOLS:



E102456

Jaguar Land
Rover-approved
Midtronics battery
power supply



E208514

Jaguar Land
Rover-approved
diagnostic
equipment 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. 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	LR057872

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.

- All ignition ON/OFF requests **MUST** be performed; failure to do these steps may cause damage to vehicle control modules.

NOTE:

Use the Jaguar Land Rover claims submission system for Field Service Action program eligibility requiring a Powertrain Control Module (PCM) 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 211 (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 **Powertrain Control Module (PCM)**.

- 6 Select **Update ECU**.

- 1 Follow the on-screen instructions until the application finishes successfully.

7 Select **ECU Functions**.

8 Select **Powertrain control module adaption clear**.

1 Follow the on-screen instructions until the application finishes successfully.

9 Exit the current session.

1 If required, reset the vehicle to **Transit mode**.

2 Select the **Exit** icon.

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