

TECHNICAL BULLETIN
LTB00715NAS1
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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.

SECTION: 303-00

Engine MIL Illuminated; DTC P2188 Stored

AFFECTED VEHICLE RANGE:

Range Rover Evoque (LV)

Model Year: 2012-2013

VIN: 000447-856579

Engine: GTDi 2.0L Petrol

Freelander 2/LR2 (LF)

Model Year: 2013-2014

VIN: 311358-429857

Engine: GTDi 2.0L Petrol

MARKETS:

NAS

CONDITION SUMMARY:

Situation: The engine Malfunction Indicator Lamp (MIL) may be displayed on the Instrument Cluster with Diagnostic Trouble Code (DTC) P2188 stored in the Engine Control Module (ECM).

Cause: This may be caused by an On-board Diagnostics (OBD) calibration error.

Action: Should a customer express this concern, follow the Service Instruction outlined below.

PARTS:

No Parts Required

TOOLS:



NOTE: This is an 'Active Bulletin' that will display a functional programming shortcut if accessed within a diagnostic session using SDD.

SDD with latest DVD and Calibration File
Jaguar Land Rover-approved Midtronics battery power supply

WARRANTY:



NOTE: 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 TOPIx to obtain the latest repair time.



NOTE: DDW 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
Update Engine Control Module software	12.90.13	0.2	04	LR028981



NOTE: Normal Warranty procedures apply.

SERVICE INSTRUCTION:

CAUTION: A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during SDD diagnosis / module programming.



CAUTION: Ensure all ignition 'ON' / ignition 'OFF' requests are carried out; failure to perform these steps may cause damage to control modules in the vehicle.



NOTE: SDD must be loaded with DVD139.13 v.197 or later.



NOTE: Diagnostic Trouble Code (DTC) P2188 must be stored in the Engine Control Module (ECM) to continue.

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



NOTE: The Engine Control Module (ECM) may be referred to as Powertrain Control Module (PCM) in SDD.

2. Turn ignition 'ON' (engine not running).
3. Connect the Symptom Driven Diagnostics (SDD) system to the vehicle and begin a new session.
4. Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle and initiating the data collect sequence.
5. Select 'Diagnosis' from the Session Type screen.
6. Select the 'Selected Symptoms' tab, and then select:
 - Electrical > Instruments > Warning lamps > Engine malfunction lamp > Lamp illuminated
7. Select 'continue'.
8. Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module - Powertrain control module' option.
9. Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.
10. Exit the current session.
11. Disconnect the SDD and the battery power supply from the vehicle.