

TECHNICAL BULLETIN

LTB00982NAS1

15 AUG 2016



© Jaguar Land Rover North America, LLC

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 With DTC U0140-00 Stored

AFFECTED VEHICLE RANGE:

LR2 (LF)

Model Year: 2013-2015
VIN: 311358-439912 GTDi 2.0L Petrol
Assembly Plant: Halewood

Range Rover Evoque (LV)

Model Year: 2012-2013
VIN: 000447-856579 GTDi 2.0L Petrol/GTDi 2.0L Petrol - SULEV
Assembly Plant: Halewood

MARKETS:

NAS

CONDITION SUMMARY:

Situation: The engine Malfunction Indicator Lamp (MIL) may be illuminated with no driveability issues.

Cause: This may be caused by a software error in the Powertrain Control Module (PCM). Engine MIL with PCM Diagnostic Trouble Code (DTC) U0140-00 stored, or if one or more of the following faults is present and occurred at the same time: U0101-00 / U0121-00 / U0128-00 / U0138-00.

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

TOOLS:



E179225

Jaguar Land Rover-approved diagnostic tool with latest DVD and Calibration File

Jaguar Land Rover-approved Midtronics battery power supply



E192494

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
Tune - Download - PCM	12.90.13	0.2	42	LR028981

△ NOTE: Normal Warranty procedures apply.

SERVICE INSTRUCTION:

Powertrain Control Module Calibration File

LR2 (L359)	Range Rover Evoque (L538)
DH52 14C204 MAL	BJ32 14C204 MAZ
DH52 14C204 MBJ	BJ32 14C204 MBX
DH52 14C204 MCG	BJ32 14C204 MCU
DH52 14C204 MEG	BJ32 14C204 MEU

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

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

△ NOTE: The Jaguar Land Rover-approved diagnostic tool must be loaded with SDD146.05 v.246 or later.



NOTE: Use DDW to check for Recall, Service Action, or Update Prior to Sale notice eligibility requiring a Powertrain Control Module (PCM) software update. If eligible, perform and claim the update as per that program.

1. Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
2. Turn ignition ON (engine not running).
3. Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.
4. Follow the on-screen prompts, allowing the diagnostic tool to read the VIN, identify the vehicle, and initiating the data collect sequence.
5. Select the **part information** icon.
6. Scroll down to '**PCM**' and check the part number corresponding to '**vm_ecu_sw_pn**'.
 - If the vehicle has the level of PCM calibration file listed in the table Powertrain Control Module Calibration File installed, carry out further diagnostics using the TOPIx Workshop Manual.
 - If the vehicle does not have the level of PCM calibration file listed in the table Powertrain Control Module Calibration File installed, continue to Step 7.
7. Select **Diagnosis** from the Session Type screen.
8. Select the **Selected Symptoms** tab and then select:
 - **Electrical - Instruments - Warning lamps - Engine malfunction lamp - Lamp illuminated**
9. Select **continue**.
10. Select the **Recommendations** tab.
11. Select **Run** to perform the '**Configure existing module - Powertrain control module**' option.
12. Follow all on-screen instructions to complete this task, ensuring all Diagnostic Trouble Codes (DTC) are cleared.
13. When all tasks are complete, select the **Session** tab and then select the **Close Session** option.
14. Disconnect the diagnostic tool and battery power supply from the vehicle.