

TECHNICAL BULLETIN

Q237NAS1

3-DEC-12



*THIS SERVICE ACTION IS VALID FOR A LIMITED TIME ONLY
AND WILL EXPIRE ON 30 NOVEMBER 2014*

SECTION: 303

Service Action: Engine Control Module Reflash

AFFECTED VEHICLE RANGE:

Range Rover Evoque (LV)

VIN: CH000447-DH721750
Model Year: 2012-2013

CONDITION SUMMARY:

Situation: A design issue has been identified on 2012-2013 model year Range Rover Evoque vehicles within the listed VIN range. In wet driving conditions, following a rapid increase in speed after steady state driving modes, condensate from the charge air cooler can build up inside the air induction system which can be drawn in to one of the cylinders causing the engine management system to sense a misfire. The engine is programmed to react to this misfire by initiating a restricted performance mode to protect the exhaust catalyst, which means that the driver noticeably experiences reduced power to accelerate until the next ignition cycle. Furthermore, the Engine Malfunction Indicator Lamp may illuminate and an engine warning message will display in the instrument cluster message center.

New engine control module software has been developed which introduces an alternative restricted performance mode where engine performance, under certain conditions such as those triggered by the water ingestion described above, will lessen the degree of restricted performance employed. It is highly likely that the condition will clear when the ignition is cycled.

Action: Retailers are required to **HOLD** all affected vehicles in the above VIN range that are in their control and refrain from releasing the vehicles for new or used vehicle sale pending completion of the rework action detailed in this Technical Bulletin. This rework action should be performed at the conclusion of the Pre-Delivery Inspection (PDI) process. Vehicles already in the hands of customers should be updated at the next available opportunity.

PARTS:

No parts required

TOOLS:

IDS with latest IDS-DVD and Calibration File; first available on IDS-DVD131.08 v.119
Land Rover-approved Midtronics Vehicle Power Supply
Refer to Workshop Manual for any required special tools

WARRANTY:

△ **NOTE:** Repair procedures are under constant review, and therefore times / prices are subject to change; those quoted here must be taken as guidance only. Always refer to DDW to obtain the latest repair time. Check DDW to ensure that the vehicle is affected by this program prior to undertaking any rework action. At the time of confirming a booking for vehicle repair, ensure that all outstanding Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Warranty claims must be submitted quoting Program Code 'Q237' together with the relevant Option Code from the table. The SRO and part information listed have been included for information only. The Option Code(s) that allows for the drive in / drive out allowance can only be claimed if the vehicle is brought back into the workshop for this action alone to be undertaken.

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.

This program is valid for a limited time only. Warranty claims with a repair date prior to the 30 November 2014 closure date must be submitted for payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PART NO.	QTY.
Q237	B	Update Engine control module software	12.90.13	0.20	-	-
Q237	C	Update Engine control module software	12.90.13	0.20	-	-
		Drive in / drive out	02.02.02	0.20	-	-

Normal Warranty policies and procedures apply

REPAIR PROCEDURE

UPDATE THE CONTROL MODULE SOFTWARE

⚠ 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.

⚠ CAUTION: A Land Rover-approved Midtronics Vehicle Power Supply must be connected to the vehicle battery during IDS diagnosis / module programming.

1. Connect the Land Rover-approved Midtronics Vehicle Power Supply to the vehicle battery.
2. Turn ignition 'ON' (engine not running).

△ NOTE: IDS must be loaded with IDS-DVD131.08 v.119 or later.

3. Connect the IDS to the vehicle and begin a new Symptom Driven Diagnostics (SDD) session.
4. Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle.
5. From the Session Type selection screen, choose 'Campaigns'.

△ NOTE: If a pop-up requesting Emissions level is displayed, select 'Federal'.

- Select '**Run**' to perform the 'Configure existing module - Powertrain control module' option.
- Follow all on-screen instructions to complete this task.

7. Exit the current session.
8. Disconnect the IDS and the Midtronics Vehicle Power Supply from the vehicle.