



LTB01152NAS1

TECHNICAL BULLETIN

30 JAN 2018

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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

SECTION:

303-14B: Electronic Engine Controls

SUBJECT/CONCERN:

'Engine Oil Overfill' Warning Displayed On The Instrument Cluster

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Discovery (LR)	2017	000055-047447	Solihull	V6 S/C 3.0L Petrol
Range Rover Sport (LW)	2017	123279-181318	Solihull	V6 S/C 3.0L Petrol
Range Rover Sport (LW)	2017	660612-695312	Solihull	V6 S/C 3.0L Petrol

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Range Rover (LG)	2017	308452-380216	Solihull	V6 S/C 3.0L Petrol

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:**SITUATION:**

An 'Engine oil overfill' warning message may be displayed on the Instrument Cluster (IC). This warning could occur when the engine oil is warm/hot.

CAUSE:

This may be caused by the Powertrain Control Module (PCM) calibration for engine oil to volume conversion being inaccurate.

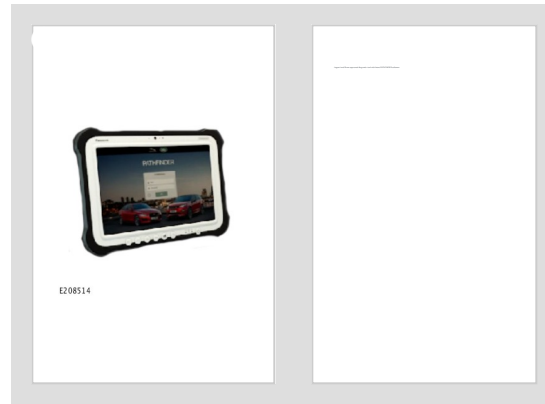
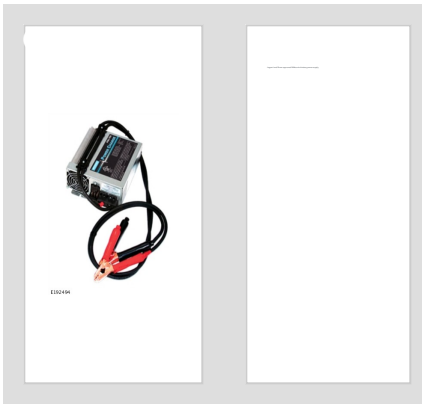
ACTION:

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

PARTS:

No Parts Required

TOOLS:



WARRANTY:

△ NOTES:

- 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 JLR claims submission system 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) - Software update	18.90.90	0.2	04	LR084286

△ NOTE:

Normal Warranty procedures apply.

DIAGNOSTIC PROCEDURE: PATHFINDER

This Diagnostic Procedure is only for vehicles requiring the Jaguar Land Rover-approved diagnostic tool with PATHFINDER.

ⓘ CAUTIONS:

- A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle startup battery during diagnosis / module programming.
- All ignition ON/OFF requests must be carried out. Failure to perform these steps may cause damage to control modules in the vehicle.

NOTES:

- Do not remove engine oil from the engine unless the 'Engine oil overfill' message is displayed on the Instrument Cluster (IC) **after** completing the Powertrain Control Module (PCM) software update.
- Use DDW to check 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.

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

2

NOTE:

The Jaguar Land Rover-approved diagnostic tool must be loaded with PATHFINDER version 137 (or later).

Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.

3

NOTE:

The Jaguar Land Rover-approved diagnostic tool 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 all on-screen instructions until the application completes successfully.
 - 2 When all tasks are complete, go to the next Step.
-

7 Exit the current session.

- 1 If required, reset the vehicle to **Transit mode**.
 - 2 Select the **Exit** icon.
-

8 Disconnect the diagnostic tool and battery power supply from the vehicle.**9** Check the engine oil level.
