

LTB01126NAS1



TECHNICAL BULLETIN

16 NOV 2017

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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 MIL Illuminated With DTC P013E-00 Stored

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Range Rover Velar (LY)	2018 Onwards	700014 Onwards	Solihull	INGENIUM I4 2.0L Petrol

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

The engine Malfunction Indicator Lamp (MIL) may be illuminated on the Instrument Cluster (IC). Upon diagnosis, a Technician may find Diagnostic Trouble Code (DTC) P013E-00 stored in the Powertrain Control Module (PCM).

CAUSE:

This may be caused by the Heated Oxygen Sensor (HO2S) delay diagnostic running too soon following a fuel cut/catalytic converter clear out event.

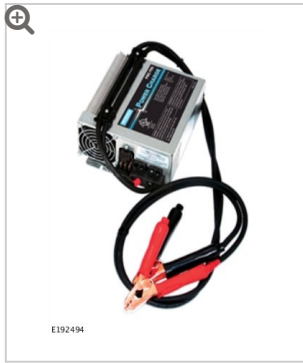
ACTION:

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

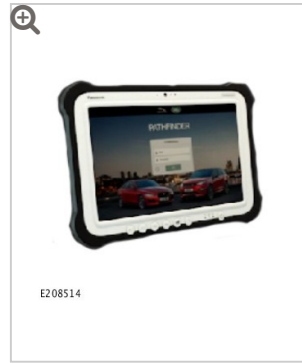
PARTS:

No Parts Required

TOOLS:



Jaguar Land
Rover-approved
Midtronics
battery power
supply



Jaguar Land
Rover-approved
diagnostic tool
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. 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
Tune - Download - Engine management ECU	12.90.13	0.2	42	LR106372

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 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.

NOTE:

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.

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

2

NOTE:

The Jaguar Land Rover-approved diagnostic tool must be loaded with PATHFINDER version 116 (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.

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- 4 Select **ECU Diagnostics**.
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- 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.
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- 7 Exit the current session.
 - 1 If required, reset the vehicle to **Transit mode**.
 - 2 Select the **Exit** icon.
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- 8 Disconnect the diagnostic tool and battery power supply from the vehicle.