



N025NAS1

TECHNICAL BULLETIN

17 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:

303-14A: Electronic Engine Controls

SUBJECT/CONCERN:

Service Action: Independent Oil Dilution Counter Reset

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Range Rover Sport (LW)	2016	542165-599999	Solihull
Range Rover Sport (LW)	2016-2017	100369-171673	Solihull
Range Rover Sport (LW)	2016-2017	630154-699999	Solihull

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Range Rover (LG)	2016-2017	243371-371608	Solihull

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

An issue has been identified on certain vehicles within the listed Affected Vehicle Range where depending on the type and style of driving that the vehicle is subjected to, the 'Service Required' message may be displayed on the Instrument Cluster (IC) at a distance less than that shown in the service interval plans.

The software update within the Diagnostic Procedures will separate the oil dilution counter from the time and distance service counter, allowing individual counter resets to be applied depending on the type of service completed.

ACTION:

Retailers are required to **HOLD** affected new vehicles that are within your control and refrain from releasing the vehicles for **new vehicle sale** pending completion of the Workshop Procedure detailed in this Technical Bulletin. Unsold vehicles should have this performed as part of the Pre-Delivery Inspection (PDI) process but **must** have it completed prior to vehicle handover to the customer.

Affected vehicles already in the hands of customers should be updated at the next available opportunity.

PARTS:

No parts required.

SPECIAL TOOLS:

Jaguar Land Rover-approved Midtronics Battery Power Supply

Jaguar Land Rover-approved diagnostic tool with latest PATHFINDER software **or**

Jaguar Land Rover-approved diagnostic tool with latest SDD Software Management Pack

WARRANTY:

NOTES:

- Check DDW to ensure that a vehicle is affected by this program prior to undertaking any rework action.
- 'Oil Service Only' maintenance checksheets and SROs are available (see TOPIx PDI & Maintenance Checksheets). Follow these checksheets when completing an early oil change under the conditions of this bulletin.

At the time of confirming a booking for vehicle repair, ensure that **all** outstanding Recall and 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 the Program Code together with the relevant Option Code. The SRO and parts information is 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.

Repair procedures are under constant review and therefore times / prices are subject to change; those quoted here must be taken as guidance only. Refer to TOPIx to obtain the latest repair time.

This program is valid for a limited time only. Warranty claims with a repair date prior to the **31 July 2019** closure date must be submitted or payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS/SUNDRY CODE	QTY./VALUE
N025	A	Tune - Download - Engine management ECU	12.90.13	0.2	-	-

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS/SUNDRY CODE	QTY./VALUE
N025	B	Tune - Download - Engine	12.90.13	0.2	-	-
		management ECU	02.02.02	0.2	-	-
		Drive in/drive out				

Normal Warranty policies and procedures apply.

DIAGNOSTIC PROCEDURE: SDD

This Diagnostic Procedure is only for vehicles requiring the Jaguar Land Rover-approved diagnostic tool with Symptom Driven Diagnostics (SDD).

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 vehicle control modules.

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

1 If required, remove the transit relay.

2

NOTE:

The Jaguar Land Rover-approved diagnostic tool must be loaded with SDD 152.00 Software Management Pack 285 (or later).

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

- 3 Follow the on-screen prompts, allowing the diagnostic tool to read the VIN and identify the vehicle and initiating the data collect sequence.

- 1 If the vehicle is not in **Transit mode**, go to the next Step.
 - 2 If the vehicle is in **Transit mode**, set the vehicle to **Normal operation mode**.
-

4 If the hyperlink is not available:

- 1 Select **Diagnosis** from the Session Type screen.
 - 2 Select the **Selected Symptoms** tab.
 - 3 Select the following:
 - **Electrical Instruments Warning lamps Engine malfunction lamp - Lamp illuminated**
 - 4 Run and close the **Datalogger** tool to reveal the **Extras** tab.
 - 5 Select the **Extras** tab.
 - 6 Select **Run** to perform the '**Configure existing module - Powertrain control module**' option.
 - Follow all on-screen instructions until the application completes successfully.
 - 7 When all tasks are complete, go to the next Step.
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5 Exit the current session.

- 1 If necessary, set the vehicle to '**Transit mode**'.
 - 2 Select the **Session** tab.
 - 3 Select the **Close session** option.
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6 Disconnect the diagnostic tool and battery support unit from the vehicle.

- 1 If required, install the transit relay.

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.

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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 130 (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 the on-screen prompts.

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- 4 Select **ECU Diagnostics**.

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- 5 Select **Powertrain control module (PCM)**.

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- 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.