

LTB00971NAS2

TECHNICAL BULLETIN

09 JAN 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

This reissue replaces all previous versions. Please destroy all previous versions.

Changes are highlighted in blue

SECTION:

303-00

SUBJECT/CONCERN:

Engine MIL Illuminated With DTC P249C-00 Stored

AFFECTED VEHICLE RANGE:

| MODEL: | MODEL YEAR: | VIN: | ASSEMBLY PLANT: | APPLICABILITY: |
|------------------------|--------------------|---------------|------------------------|--------------------------|
| Range Rover Sport (LW) | 2016 | 519971-599999 | Solihull | TDV6 3.0L Diesel - Gen 2 |
| Range Rover Sport (LW) | 2016 | 100003-124026 | Solihull | TDV6 3.0L Diesel - Gen 2 |
| Range Rover Sport (LW) | 2016 | 617562-666654 | Solihull | TDV6 3.0L Diesel - Gen 2 |
| Range Rover (LG) | 2016 | 216967-320323 | Solihull | TDV6 3.0L Diesel - Gen 2 |

MARKETS:

NAS

CONDITION SUMMARY:

SITUATION:

The engine Malfunction Indicator Lamp (MIL) may be illuminated with Diagnostic Trouble Code (DTC) P249C-00 stored in the Powertrain Control Module (PCM). DTC P2BAE and/or P2BAF may also be stored in the PCM.

CAUSE:

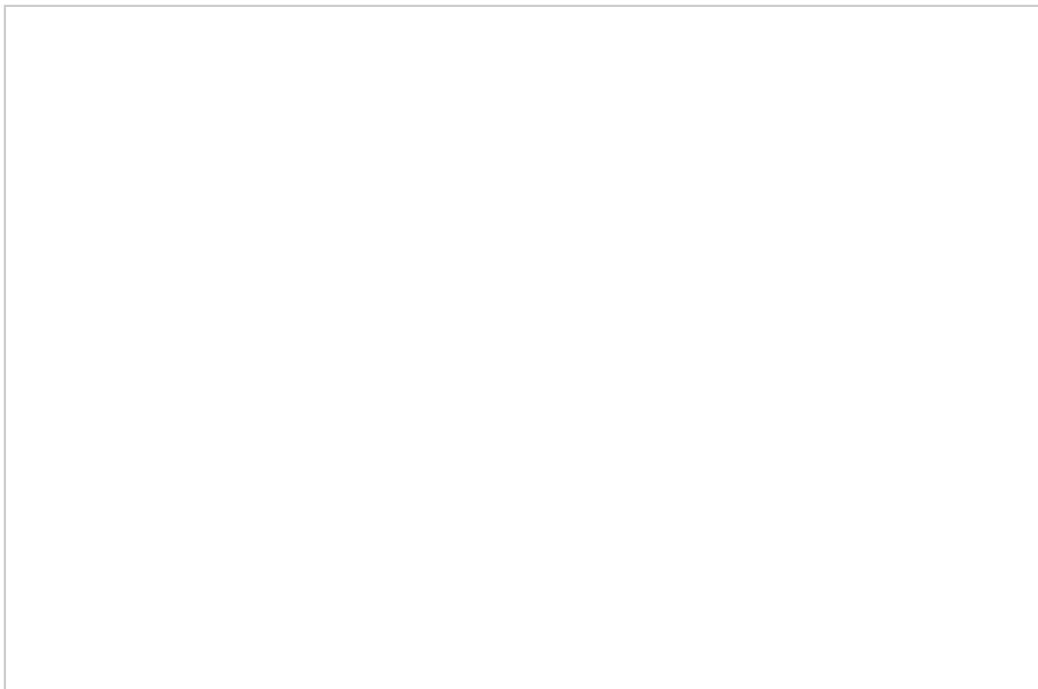
Mismatch between the Selective Catalyst Reduction (SCR) Time to close loop counter and an interaction with auto Stop/Start events.

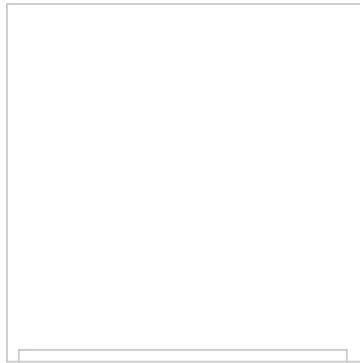
ACTION:

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

PARTS:

No Parts Required

TOOLS:



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



Jaguar Land Rover-
approved
Midtronics battery
power supply

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 TOPIx to obtain the latest repair time.
- 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 - Powertrain Control Module (PCM) | 12.90.13 | 0.2 | 04 | LR070875 |

NOTE:

Normal Warranty procedures apply.

SERVICE INSTRUCTION:

CAUTIONS:

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

NOTES:

- The Jaguar Land Rover-approved diagnostic tool must be loaded with DVD146.03 v.244 or later.
- 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.

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- 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 **Diagnosis** from the Session Type screen.

 - 6 Select the **Selected Symptoms** tab and then select:
 - **Electrical - Instruments - Warning lamps - Engine malfunction lamp - Lamp illuminated**

 - 7 Select **continue**.

 - 8 Select the **Recommendations** tab.

- 9 Select **Run** to perform the **Configure existing module - Powertrain control module** option.

10 Follow all on-screen instructions to complete this task, ensuring all Diagnostic Trouble Codes (DTC) are cleared.

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- 11 When all tasks are complete, select the **Session** tab and then select the **Close Session** option.

12 Disconnect the diagnostic tool and battery power supply from the vehicle.