LTB00914NAS1

TECHNICAL BULLETIN

06 DEC 2016

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:

310-00

SUBJECT/CONCERN:

Diesel Exhaust Fluid (DEF) System Pressure Build-Up With DTC P208B-00 Stored

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Range Rover Sport (LW)	2016	519971-586805	Solihull	TDV6 3.0L Diesel - Gen 2, Vehicles With: Diesel Exhaust Fluid
Range Rover Sport (LW)	2016	617562-652354	Solihull	TDV6 3.0L Diesel - Gen 2, Vehicles With: Diesel Exhaust Fluid
Range Rover (LG)	2016	216967-286696	Solihull	TDV6 3.0L Diesel - Gen 2, Vehicles With: Diesel Exhaust Fluid

MARKETS:

NAS

CONDITION SUMMARY:

SITUATION:

The engine Malfunction Indicator Lamp (MIL) may be illuminated. This may be accompanied by the warning message "No engine restarts in

xxx miles, diesel exhaust fluid dosing malfunction" displayed in the Instrument Cluster message center and Diagnostic Trouble Code (DTC) P208B-00, as well as DTC P2BAE / P2BAF, stored in the Powertrain Control Module (PCM).

CAUSE:

This may be caused by air trapped in the system leading to the DEF pressure drop and flagging a pressure build-up error.

ACTION:

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

PARTS:

No Parts Required

TOOLS:

Jaguar Land Rover-approved Midtronics battery power supply

Jaguar Land Rover-approved diagnostic tool with latest SDD software, Calibration File

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 - Engine management ECU	12.90.13	0.2	04	LR070401
Diesel Exhaust Fluid prime and pressure test with diagnostic equipment connected	17.90.89.27	0.1	04	LR070401

NOTE:

Normal Warranty procedures apply.

SERVICE INSTRUCTION:

1. Visually check for signs of leakage around the Diesel Exhaust Fluid (DEF) tank and pressure lines.
    - If any leaks are found, they must be rectified before continuing with this Service Instruction.

- To be performed as a separate claim.
- If no leaks are found, go to Step 2.

CAUTIONS:

- **A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during diagnosis / module programming.**
- **Make sure 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 SDD147.06 v.255 (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.**

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

3 Turn ignition ON (engine not running).

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

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

6 Select **Diagnosis** from the Session Type screen.

7 Select the **Selected Symptoms** tab and then select one of the following:

- **Electrical - Instruments - Warning lamps - Engine malfunction lamp - Lamp illuminated** or
- **Electrical - Instruments - Information and message center - Message display area - Powertrain**

8 Run and close the **Datalogger** tool to reveal the **Extras** tab.

9 Select the **Extras** tab.

10 Select the **Recommendations** tab and then select **Run** to perform the **Configure existing module - Powertrain control module** option.

11 Follow all on-screen instructions to complete this task.

12 Select the **Selected Symptoms** tab and then select one of the following:

- **Electrical - Instruments - Warning lamps - Engine malfunction lamp - Lamp illuminated** or
- **Electrical - Instruments - Information and message center - Message display area - Powertrain**

13 Select the **Recommendations** tab and then select **Run** to perform the **Powertrain - Diesel exhaust fluid prime and pressure test** option.

14

Follow all on-screen instructions to complete this task, ensuring all diagnostic trouble codes (DTC) are cleared.

15 Exit the current session.

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