

TECHNICAL BULLETIN
Q611NAS1
23 NOV 2016



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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.

SECTION: 303-14A

Service Action: Diesel Exhaust Fluid - Warning Message

AFFECTED VEHICLE RANGE:

Range Rover Sport (LW)

Model Year:	2016	
VIN:	104163-124015	TDV6 3.0L Diesel - Gen 2
Assembly Plant:	Solihull	

Range Rover Sport (LW)

Model Year:	2016	
VIN:	660688-666460	TDV6 3.0L Diesel - Gen 2
Assembly Plant:	Solihull	

Range Rover (LG)

Model Year:	2016	
VIN:	303116-319814	TDV6 3.0L Diesel - Gen 2
Assembly Plant:	Solihull	

MARKETS:

NAS

CONDITION SUMMARY:

Situation: An issue has been identified on a limited number of vehicles within the listed Affected Vehicle Range may have been manufactured away from process and in some cases a warning message will be displayed on the instrument cluster indicating a concern with the Diesel Exhaust Fluid (DEF) system with Diagnostic Trouble Code (DTC) P2BA9 stored in the Powertrain Control Module (PCM). If no action is taken within the specified distance, the vehicle may not start and qualified assistance may need to be sought as appropriate.

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 Service Instruction 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:



E192494

Jaguar Land Rover-approved Midtronics Battery Power Supply



E179225

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

WARRANTY:



NOTE: Check DDW to ensure that a vehicle is affected by this program prior to undertaking any rework action.

At the time of confirming a booking for vehicle repair, ensure that **all** outstanding Recalls 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 from the table. 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 **30 November 2018** 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
Q611	A	Configure Powertrain Control Module Read and clear DTCs	12.90.13 12.90.16.01	0.20 0.10	- -	- -
Q611	K	Configure Powertrain Control Module Read and clear DTCs Drive in/drive out	12.90.13 12.90.16.01 02.02.02	0.20 0.10 0.20	- - -	- - -
Q611	B	Configure Powertrain Control Module Read and clear DTCs Powertrain - Reset selective catalyst reduction quality monitor	12.90.13 12.90.16.01 17.90.10	0.20 0.10 0.10	- - -	- - -
Q611	C	Configure Powertrain Control Module Read and clear DTCs Powertrain - Reset selective catalyst reduction quality monitor Drive in/drive out	12.90.13 12.90.16.01 17.90.10 02.02.02	0.20 0.10 0.10 0.20	- - - -	- - - -

Normal Warranty policies and procedures apply.

SERVICE INSTRUCTION:



CAUTION: A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during diagnosis / module programming.



CAUTION: Make sure all ignition ON/OFF requests are carried out; failure to perform these steps may cause damage to control modules in the vehicle.



NOTE: The Jaguar Land Rover-approved diagnostic tool must be loaded with SDD147.06 v.254 (or later).

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 and identify the vehicle and initiating the data collect sequence.
5. Read Diagnostic Trouble Codes (DTC).
 - If DTC P2BA9 is stored, configure the Powertrain Control Module (PCM) and run the 'Reset selective catalyst reduction quality monitor' application.
 - If DTC P2BA9 is not stored, only configure the Powertrain Control Module (PCM) .

6. Select **Diagnosis** from the Session Type screen.
7. Select the **Selected Symptoms** tab, and then select the following:
 - **Electrical - Instruments - Warning lamps - Engine malfunction lamp - Lamp illuminated**
8. Run and close the **Datalogger** tool to reveal the '**Extras**' tab.
9. Select the **Extras** tab.
10. From the Recommendations tab, select **Run** to perform the '**Configure existing module - Powertrain control module**' option.
11. Follow all on-screen instructions to complete this task.
 - If DTC P2BA9 was not stored in the PCM, go to Step 16.
 - If DTC P2BA9 was stored in the PCM, go to Step 12.



NOTE: If a prior Diagnostic Trouble Code (DTC) clear was carried out after the Powertrain Control Module (PCM) was programmed (in Step 6-11) and DTC P2BA9 was stored, the message on the instrument cluster 'Incorrect Diesel Exhaust Fluid Quality Detected' might default to 'Diesel Exhaust Fluid Dosing System Malfunction'. Once the 'Reset selective catalyst reduction quality monitor' application has been successfully executed, the warning message in the instrument cluster will extinguish. The DTC can now be cleared permanently from the PCM.

12. Select **Service Functions** from the Session Type screen.
13. Select the **Recommendations** tab.
14. From the list or recommended candidates, select **Run** to perform the '**Powertrain - Reset selective catalyst reduction quality monitor**' application.
15. Follow all on-screen instructions to complete this task, ensuring all Diagnostic Trouble Codes (DTC) are cleared.
16. When all tasks are complete, select the **Session** tab and then select the **Close Session** option.
17. Disconnect the diagnostic tool and battery power supply from the vehicle.