

TECHNICAL BULLETIN

Q539NAS1

12 FEB 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: Catalyst Monitor

AFFECTED VEHICLE RANGE:

Range Rover Sport (LS)

Model Year: 2009

VIN: 163083-215352

Assembly Plant: Solihull

Engine: V8 S/C 4.2L Petrol

MARKETS:

NAS

CONDITION SUMMARY:

Situation: A specific number of 2009 model year 4.2L supercharged Range Rover Sport vehicles where under certain driving conditions, some vehicles may unnecessarily display an illuminated Malfunction Indicator Lamp (MIL) -- 'Check Engine Light' -- as a result of over-sensitive monitoring of exhaust catalytic converters. However, this condition will not affect a vehicle's emissions or performance.

Action: Retailers are required to **HOLD** only 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:



NOTE: this Active Bulletin will display a functional programming shortcut if accessed within a diagnostic session using the Jaguar Land Rover-approved diagnostic tool with latest DVD and Calibration File.

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

Jaguar Land Rover-approved Midtronics Battery Power Supply

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 Program Code '**Q539**' 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.

Warranty claims must be submitted or payment within 30 calendar days of completion of the repair.

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.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS/SUNDRY CODE	QTY./VALUE
Q539	B	Configure the PCM	12.90.13	0.20	-	-
Q539	C	Configure the PCM Drive in/drive out	12.90.13 02.02.02	0.20 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: ensure 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 DVD143.02 v.218 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 diagnostic tool to read the VIN and 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 the following:

- **Powertrain > Engine system > Engine performance**

7. Read and close any publication from the list of recommended candidates to expose the Extras tab.
8. Select the **Extras** tab.
9. From the **Recommendations** tab, select **Run** to perform the **Configure existing module - Powertrain control module** option.
10. Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.
11. Exit the current session.
12. Disconnect the approved diagnostic tool and battery power supply from the vehicle.