

TECHNICAL BULLETIN

LTB00409NAS2d

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ISSUE '2' CHANGES ARE HIGHLIGHTED IN GRAY

SECTION: 303

Engine Misfire / Injector Clogging / Air Intake System Cleaning

AFFECTED VEHICLE RANGE:

LR4 (LA)

VIN: AA510742 - Onwards

Model Year: 2010 - Onwards

Range Rover Sport (LS)

VIN: AA212147 - Onwards

Model Year: 2010 - Onwards

Range Rover (LM)

VIN: AA304426 - Onwards

Model Year: 2010 - Onwards

CONDITION SUMMARY:

Situation: The engine may exhibit a misfire, poor fuel economy, hard starting, and / or a rough idle condition. The engine Malfunction Indicator Lamp (MIL) may also be illuminated with misfire Diagnostic Trouble Codes (DTC) P0301 through P0308 and P0316, depending on the affected cylinder(s), stored in the Engine control module (ECM). This may be caused by poor fuel quality or fuel contamination, leading to clogged fuel injectors and restricting the fuel injector flow rate.



NOTE: After basic testing has been carried out (checking coil and harness for damage, checking injector harness connections, spark plug fouling, correct fuel pressure, no fuel filter blockages etc) and if no fault can be found, then using the BG special tool (BG 9210 Inject-A-Flush Apparatus) and cleaner (BG Air Intake System Cleaner 206 and BG 44K[®] Power Enhancer[®] 208) please carry out a fuel induction system cleaning.

Action: In the event of a customer concern of the above, refer to the Repair Procedure outlined below to clean the fuel injection system using a pressure cleaner.

PARTS:



NOTE: Both BG Air Intake System Cleaner 206 and BG 44K[®] Power Enhancer[®] 208 are to be locally sourced and must be claimed as 'sublet', using code 'ZZZ001'.

BG Air Intake System Cleaner - BG part number 206

BG 44K[®] Power Enhancer[®] (added to fuel tank) – BG part number 208

TOOLS:



NOTE: Each retailer will be provided with both special tools free-of-charge from BG.

Vehicle Injection Apparatus (Inject-A-Flush) – BG part number 9210 or 9290

Single remote flexible holder with spray jet – BG part number 9245K

WARRANTY:



NOTE: 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 DDW to obtain the latest repair time.



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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.

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
Fuel injection cleaning using a pressure cleaner	19.50.21	0.70	49	LR019568

Normal Warranty policies and procedures apply

REPAIR PROCEDURE

CLEAN FUEL INJECTION SYSTEM

1. Refer to Workshop Manual, section 303-04: *Fuel Injection Component Cleaning Using Pressure Cleaner*, and clean the fuel injection system.