

TECHNICAL BULLETIN
LTB00520NAS1
10 MAY 2013



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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: 303-14C

Engine Starts With Difficulty When Hot

AFFECTED VEHICLE RANGE:

Range Rover (LG) - 5.0L
Naturally Aspirated only

Model Year: 2013
VIN: DA100499-DA108915

MARKETS:

NAS

CONDITION SUMMARY:

Situation: The engine may experience a starting issue in warm or high ambient conditions with a hot engine. After a short stop, the engine may experience an extended crank or a crank no start condition.

Cause: This may be caused by a calibration error.

Action: In the event of a customer concern of the above, refer to the Repair Procedure outlined below.

PARTS:

No Parts Required

TOOLS:

 **NOTE: This document is an 'Active Bulletin' that will display a functional programming shortcut if accessed within a diagnostic session using SDD.**

IDS with latest IDS-DVD and Calibration File; first available on
DVD132.05 v.125
Jaguar Land Rover-approved Midtronics Vehicle Power Supply

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 TOPIx to obtain the latest repair time.**

 **NOTE: 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	0.20	42	LR038618

 **NOTE: Normal Warranty policies and procedures apply.**

REPAIR PROCEDURE:

1.  **CAUTION: A Jaguar Land Rover-approved Midtronics Vehicle Power Supply must be connected to the vehicle battery during IDS / SDD diagnosis / module programming.**

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

 **NOTE: IDS must be loaded with DVD132.05 v.125 or later.**

Connect the Jaguar Land Rover-approved Midtronics Vehicle Power Supply to the vehicle battery.

2. Turn ignition 'ON' (engine not running).
3. Connect the Integrated Diagnostic System (IDS) to the vehicle and begin a new Symptom Driven Diagnostics (SDD) session.
4. Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle.
5. Select 'Diagnosis' from the Session Type screen.
6. Select the 'Selected Symptoms' tab, and then select the following:
 - Powertrain > Engine system > Starting system > Starts with difficulty > When hot
7. Select the 'Recommendations' tab.
8. Select 'continue'.
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.
11. Exit the current session.
12. Disconnect the IDS and the vehicle power supply from the vehicle.