

TECHNICAL BULLETIN  
LTB00518NAS1  
07 FEB 2013



© Jaguar Land Rover North America, LLC

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: 303-14D**

Harsh 1-2 Transmission Shift

**AFFECTED VEHICLE RANGE:**

Range Rover (LG) - 5.0L  
Supercharged only

Model Year: 2013  
VIN: DA100499-DA108915

**MARKETS:**

NAS

**CONDITION SUMMARY:**

**Situation:** A harsh 1-2 transmission upshift / driveline shunt may be experienced when accelerating with a low accelerator pedal input and then lifting off the accelerator pedal at low speed during the first to second gear change point.

**Cause:** This may be caused by the Engine Control Module (ECM) software.

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

**PARTS:**

No Parts Required

**TOOLS:**

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:**

-  **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.**



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



**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 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. Where no internet connection for the IDS is available:
  1. From the Session Type selection screen, choose 'Diagnosis'.
  2. Select the 'Selected Symptoms' tab, and then select the following:
    - Powertrain > Automatic transmission and transaxle > Automatic transmission and transaxle symptoms > Harsh gear change
  3. Select 'continue'.
  4. Select the 'Recommendations' tab.
  5. From the Recommendations tab, select '**Run**' to perform the 'Configure existing module – Powertrain control module' option.
6. Follow all on-screen instructions to complete this task.
7. Exit the current session.
8. Disconnect the IDS and the vehicle power supply from the vehicle.