

# TECHNICAL BULLETIN

## LTB00981NAS1

### 15 AUG 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: 303-14**

## Hesitation When Driving At High Altitude

### **AFFECTED VEHICLE RANGE:**

#### **Range Rover Sport (LW)**

**Model Year:** 2016 Onwards  
**VIN:** 100369 Onwards TDV6 3.0L Diesel - Gen 2  
**Assembly Plant:** Solihull

#### **Range Rover Sport (LW)**

**Model Year:** 2016 Onwards  
**VIN:** 519971 Onwards TDV6 3.0L Diesel - Gen 2  
**Assembly Plant:** Solihull

#### **Range Rover Sport (LW)**

**Model Year:** 2016 Onwards  
**VIN:** 617562 Onwards TDV6 3.0L Diesel - Gen 2  
**Assembly Plant:** Solihull

#### **Range Rover (LG)**

**Model Year:** 2016 Onwards  
**VIN:** 219083 Onwards TDV6 3.0L Diesel - Gen 2  
**Assembly Plant:** Solihull

MARKETS:

NAS

### **CONDITION SUMMARY:**

**Situation:** When driving at high altitude, a hesitation may be evident when pulling away in first gear.

**Cause:** This may be caused by a Powertrain Control Module (PCM) software issue.

**Action:** Should a customer express this concern, follow the Service Instruction below.

### **PARTS:**

No Parts Required

### **TOOLS:**



E179225

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

Jaguar Land Rover-approved Midtronics battery power supply



E192494

**WARRANTY:**

- ⚠ **NOTE:** Powertrain Control Module (PCM) may also be known as Engine Control Unit (ECU)
- ⚠ **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	<b>12.90.13</b>	0.2	04	LR079607

- ⚠ **NOTE:** Normal Warranty 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 SDD146.06 v.247 or later.

⚠ **NOTE:** Use DDW to check for Recall, Service Action, or Update Prior to Sale notice eligibility requiring a Powertrain Control Module (PCM) software update. If eligible, perform and claim the update as per that program.

1. Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.

⚠ **NOTE:**

2. Turn ignition ON (engine not running)

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, 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:

- **Engine system - Engine performance - Engine hesitates**

7. Select **continue**.

8. Select the **Recommendations** tab.

9. Select **Run** to perform the '**Configure existing module - Powertrain control module**' option.

10. Follow all on-screen instructions to complete this task, ensuring all Diagnostic Trouble Codes (DTC) are cleared.

11. When all tasks are complete, select the **Session** tab and then select the **Close Session** option.

12. Disconnect the diagnostic tool and battery power supply from the vehicle.