

# TECHNICAL BULLETIN

## LTB00958NAS2

### 10 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.

**This reissue replaces all previous versions. Please destroy all previous versions.**

### **SECTION: 418-00**

## Auto Stop/Start System Inoperative

### **AFFECTED VEHICLE RANGE:**

#### **LR4 (LA)**

**Model Year:** 2014-2016  
**VIN:** 699716 Onwards  
**Assembly Plant:** Solihull

MARKETS:

NAS

### **CONDITION SUMMARY:**

**Situation:** The Auto Stop/Start system may be inoperative.

**Cause:** This may be due to the cold cranking capability value for the battery, which appears artificially low due to the electrical distribution system routing on the battery monitoring system.

**Action:** Should a customer express this concern, follow the Diagnostic Procedure below.

### **PARTS:**

No Parts Required


### **TOOLS:**

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

Jaguar Land Rover-approved Midtronics battery 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
GateWay Module - Configuration	<b>86.90.97</b>	0.2	42	LR064692

 **NOTE: Normal Warranty procedures apply.**

### **DIAGNOSTIC PROCEDURE:**

-  **CAUTION: This procedure requires SDD145.06 and Calibration File 239 loaded or later.**

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

- Turn ignition ON (engine not running).
- Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.
- Follow the on-screen prompts, allowing the diagnostic tool to read the VIN, identify the vehicle, and initiating the data collect sequence.

5.  **NOTE: The battery power supply MUST be disconnected from the vehicle battery.**

Disconnect the Jaguar Land Rover-approved Midtronics battery power supply from the vehicle battery.

6. Select '**Diagnosis**' from the Session Type screen.

7. Select the '**Selected Symptoms**' tab and then select:

- **Powertrain - Engine system - Starting system - Start/stop system - Inoperative**

8. Check the estimated cold cranking voltage at present state of charge value.

- Follow all on-screen instructions.
  - If the estimated cold cranking voltage at present state of charge value is above 6.5 volts, check for other Auto Stop/Start system inhibits and follow the on-screen instructions with reference to TOPIx; continue to Step 14.
  - If the estimated cold cranking voltage at present state of charge value is below 6.5 volts and the power supply system is inhibiting the Auto Stop/Start system, continue to Step 9.

9.  **NOTE: The Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery.**

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

10. Select the '**Selected Symptoms**' tab and then select:

- **Powertrain - Engine system - Starting system - Start/stop system - Inoperative**

11. Select '**continue**'.

12. Select the '**Recommendations**' tab and then select '**Run**' to perform the '**Configure existing module - Gateway module**' option.

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

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

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