



LTB00958NAS3

# TECHNICAL BULLETIN

26 JAN 2018

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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.

## INFORMATION

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

Changes are highlighted in blue

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## SECTION:

418-00: Module Communications Network

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## SUBJECT/CONCERN:

Auto Stop/Start System Inoperative

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## AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
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MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
LR4 (LA)	2014-2016	699716-847658	Solihull

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## MARKETS:

NORTH AMERICA

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## CONDITION SUMMARY:

### SITUATION:

The Auto Stop/Start system may be inoperative.

### CAUSE:

This may be due to the cold cranking capability value for the vehicle startup 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.

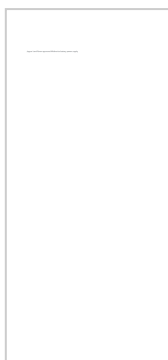
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## PARTS:

No Parts Required

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## TOOLS:



**WARRANTY:****NOTES:**

- 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 JLR claims submission system to obtain the latest repair time.
- The JLR Claims Submission System 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	86.90.97	0.2	42	LR064692

**NOTE:**

Normal Warranty procedures apply.

## DIAGNOSTIC PROCEDURE: SDD

**This Diagnostic Procedure is only for vehicles requiring the Jaguar Land Rover-approved diagnostic tool with Symptom Driven Diagnostics (SDD).**

**CAUTIONS:**

- A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle startup battery during diagnosis / module programming.
- All ignition ON/OFF requests must be carried out. Failure to perform these steps may cause damage to control modules in the vehicle.

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

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**NOTE:**

The Jaguar Land Rover-approved diagnostic tool must be loaded with SDD152.00 Software Management Pack v285 (or later).

Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.

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- 3 Follow all on-screen instructions, allowing the diagnostic tool to read the VIN, identify the vehicle, and initiating the data collect sequence.

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4 **NOTE:**

The battery power supply **MUST** be disconnected from the vehicle startup battery.

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

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- 5 If the hyperlink is not available:

- 1 Select **Diagnosis** from the Session Type screen.
- 2 Select the **Selected Symptoms** tab.
- 3 Select **Powertrain - Engine system - Starting system - Start/stop system - Inoperative**
- 4 Select **continue**.
- 5 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 9.
    - 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 6.

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6 **NOTE:**

The Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle startup battery.

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

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7 If the hyperlink is not available:

- 1 Select **Diagnosis** from the Session Type screen.
- 2 Select the **Selected Symptoms** tab.
- 3 Select **Powertrain - Engine system - Starting system - Start/stop system - Inoperative**.
- 4 Select **continue**.
- 5 Select the **Recommendations** tab.
- 6 Select **Run** to perform the '**Configure existing module - Gateway module**' option.

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8 Follow all on-screen instructions until the application completes successfully.

- 1 When prompted, select the **Clear DTCs** option following completion of the software download.
- 2 When all tasks are complete, go to the next Step.

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9 Exit the current session.

- 1 Select the **Session** tab.
- 2 Select the **Close Session** option.

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

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11 Complete a Vehicle Startup Battery test using Jaguar Land Rover-approved battery testing equipment.

- 1 Follow all on-screen instructions.
  - If the vehicle startup battery does not require charging, release the vehicle.
  - If the vehicle startup battery requires charging, use the 'Time to Charge' table on the battery testing equipment and retest the battery.

