

TECHNICAL BULLETIN

LTB00376NAS3

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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. Only refer to the electronic version of this Technical Bulletin in TOPIx.

Changes are highlighted in gray

SECTION: 419-00

Tire Pressure Monitoring System False Trigger

AFFECTED VEHICLE RANGE:

LR4 (LA)

Model Year: 2010-2011

VIN: AA510742-BA585674

Range Rover Sport (LS)

Model Year: 2010-2011

VIN: AA212147-BA704527

Range Rover (LM)

Model Year: 2010-2011

VIN: AA302697-BA355295

MARKETS:

NAS

CONDITION SUMMARY:

Situation: The Tire Pressure Monitoring System (TPMS) warning light may be illuminated with the message 'Tire Pressure Monitoring Fault' displayed in the message center. The Central Junction Box (CJB) will also have logged code C1D18-00 in isolation.



NOTE: Replace all four (vehicle set [five low tire pressure sensors if the vehicle's spare tire / wheel is fitted with a TPMS sensor]) low tire pressure sensors for this concern.

Cause: The charging circuit emits a 125MHz electromagnetic pulse which is picked up by the Tire Pressure Monitoring System (TPMS) wheel sensor, causing the system to fail to localize all of the sensors.

Action: In the event of a customer concern of the above, refer to the Repair Procedure outlined below to replace the complete set (four or five) of low tire pressure sensors.

PARTS:

LR031713 TPMS Sensor kit - 315MHz

Quantity: 4 / 5 (as required)

TOOLS:

IDS with latest IDS-DVD and Calibration File
Jaguar Land Rover-approved Midtronics battery power supply

WARRANTY:

 **NOTE: Condition Code change only**

 **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
Low tire pressure sensors - 4 - Install	74.10.07	1.60	42	LR021936
Low tire pressure sensors - 5 - Install	74.10.08	2.0	42	LR021936
Read And Clear Diagnostic Trouble Codes (DTC)	12.90.16	0.20	42	LR021936

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

SERVICE INSTRUCTION:

1. Install a vehicle set of new low tire pressure sensors (see TOPIx Workshop Manual section 204-04).

2.  **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 battery power supply must be connected to the vehicle battery during IDS diagnosis / module programming.**

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 and initiating the data collect sequence.
5. Select 'Diagnosis' from the Session Type screen.
6. Select the 'Selected Symptoms' tab, and then select the following:
 - Electrical > Instruments > Warning lamps > TPMS warning lamp illuminated
7. Select 'continue'.
8. Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Complete vehicle - clear all Diagnostic trouble codes' option.
9. Follow all on-screen instructions to complete this task.
10. Exit the current session.
11. Disconnect the IDS and the battery power supply from the vehicle.