

TECHNICAL BULLETIN  
P050NAS1  
17 OCT 2014



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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: 204-04**

Safety Recall: Tire Pressure Monitoring System (TPMS) Warning Indicator Illuminated

**AFFECTED VEHICLE RANGE:**

**LR4 (LA)**

**Model Year:** 2013-2014  
**VIN:** DA692894-EA726009

**Range Rover Sport (LW)**

**Model Year:** 2014  
**VIN:** EA312792-EA382855

**Range Rover (LG)**

**Model Year:** 2014  
**VIN:** EA136853-EA180025

**MARKETS:**

NAS

**CONDITION SUMMARY:**

**Situation:** A concern has been identified on a number of 2013-2014 model year LR4 (L319) and 2014 model year Range Rover Sport (L494) and Range Rover (L405) vehicles where the Tire Pressure Monitoring System (TPMS) warning indicator may flash accompanied by the message 'TPMS system fault' on the Instrument Cluster as a result of a failure of the TPMS sensor localization process. During the failed period, tire pressure loss will not be reported to driver.

**Action:** Retailers are required to **HOLD** only affected vehicles that are within your control and refrain from releasing the vehicles for new or used vehicle sale pending completion of the rework action detailed in this Technical Bulletin. Unsold vehicles should have this performed as part of the Pre-Delivery Inspection (PDI) process but **must** have it completed prior to vehicle handover to the customer. Affected vehicles already in the hands of customers should be updated at the next available opportunity.

**PARTS:**

Parts required for 2013MY LR4 (L319) vehicles only.



**NOTE: \* when ordering parts, order only the expected percentage demand of parts identified**

DESCRIPTION	PART No. / SUNDRY CODE	QTY. / VALUE	EXPECTED % of VEHICLES REQUIRING PARTS*
Sensor – Tire pressure monitoring	LR066378	4 / 5**	100 (2013MY LR4 only)

\*\* dependent on spare wheel & tire fitted

### **SPECIAL TOOLS:**



**NOTE: This document is an 'Active Bulletin' that will display a functional programming shortcut if accessed within a diagnostic session using SDD.**

SDD with latest SDD-DVD and Calibration File; first available on DVD139.06 v.189

Jaguar Land Rover-approved Midtronics Battery Power Supply

Refer to Workshop Manual / Service Instruction for any required tools

### **WARRANTY:**



**NOTE: Check DDW to ensure that a vehicle is affected by this program prior to undertaking any rework action. Repair procedures are under constant review, and therefore times / prices are subject to change; those quoted here must be taken as guidance only. Refer to TOPIX to obtain the latest repair time. At the time of confirming a booking for vehicle repair, ensure that all outstanding Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.**

Warranty claims must be submitted quoting Program Code '**P050**' together with the relevant Option Code from the table. The SRO and part information listed have been included for information only. The Option Code(s) that allows for the drive in / drive out allowance may only be claimed if the vehicle is brought into the workshop for this action alone to be undertaken.

Warranty claims date must be submitted for payment within 30 calendar days of completion of the repair.




**NOTE: Claims submitted for tire pressure monitoring sensor replacement on any vehicle other than 2013MY LR4 will be rejected.**



**NOTE: The Central Junction Box (CJB) may also be referred to as Body Control Module (BCM).**

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS / SUNDRY CODE	QTY. / VALUE
P050	B	Reconfigure body control module	86.90.24	0.20	-	-
P050	C	Reconfigure body control module Drive in/drive out	86.90.24 02.02.02	0.20 0.20	- -	- -
P050	F	<b>NOTE: 2013MY LR4 only</b>  Renew tire pressure sensors – five wheels Carry out tire pressure sensor replacement – Using SDD	74.10.08 74.90.01	2.0 0.20	LR066378 -	5 -
			74.10.08	2.0	LR066378	5

P050	G	 <b>NOTE: 2013MY LR4 only</b> Renew tire pressure sensors – five wheels Carry out tire pressure sensor replacement – Using SDD Drive in/drive out	74.90.01 02.02.02	0.20 0.20	- -	- -
P050	H	 <b>NOTE: 2013MY LR4 only</b> Renew tire pressure sensors – four wheels	74.10.07	1.60	LR066378	4
P050	J	 <b>NOTE: 2013MY LR4 only</b> Renew tire pressure sensors – four wheels Drive in/drive out	74.10.07 02.02.02	1.60 0.20	LR066378 -	4 -

Normal Warranty policies and procedures apply

### **SERVICE INSTRUCTION:**

#### **2013MY LR4 (L319) vehicles fitted with full-size spare wheel only**

1. Install new tire low pressure sensor - all five (5) wheels (see TOPIx Workshop Manual, section 204-04).



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



**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.**



**NOTE: SDD must be loaded with DVD139.06 v.189 or later.**

2. Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
3. Turn ignition 'ON' (engine not running).
4. Connect the Symptom Driven Diagnostics (SDD) system to the vehicle and begin a new session.
5. Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle and initiating the data collect sequence.

6. Select 'Service functions' from the Session Type screen.
7. From the Recommendations tab, select '**Run**' to perform the 'Tire pressure monitor system - Tire pressure sensor replacement' option.
8. Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.
9. Exit the current session.
10. Disconnect the SDD and the battery power supply from the vehicle.

#### **2013MY LR4 (L319) vehicles fitted with temporary spare wheel only**

11. Install new tire low pressure sensors - all four (4) wheels (see TOPIx Workshop Manual, section 204-04).

#### **2014MY LR4 (L319), Range Rover Sport (L494), and Range Rover (L405) vehicles Only**



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



**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.**



**NOTE: SDD must be loaded with DVD139.06 v.189 or later.**

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

The Central Junction Box (CJB) may also be referred to as Body Control Module (BCM).

13. Turn ignition 'ON' (engine not running).
14. Connect the Symptom Driven Diagnostics (SDD) system to the vehicle and begin a new session.
15. Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle and initiating the data collect sequence.
16. Select 'Diagnosis' from the Session Type screen.
17. Select the 'Selected Symptoms' tab, and then select the following:
  - Electrical > Battery > Power distribution

- 18.** Read and close any publication from the list of recommended candidates to expose the 'Extras' tab.
- 19.** Select the 'Extras' tab.
- 20.** From the Recommendations tab, select **Run** to perform the 'Configure existing module - Body control module' option.
- 21.** Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.
- 22.** Exit the current session.
- 23.** Disconnect the SDD and the battery power supply from the vehicle.