

TECHNICAL BULLETIN
LTB00611NAS1
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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

Tire Pressure Monitoring System Communication Frequency Change

AFFECTED VEHICLE RANGE:

LR4 (LA)

Model Year: 2013 Onwards
VIN: DA696287 Onwards

Range Rover Sport (LW)

Model Year: 2014 Onwards
VIN: EA319923 Onwards

Range Rover (LG)

Model Year: 2014 Onwards
VIN: EA140911 Onwards

MARKETS:

NAS

CONDITION SUMMARY:

This Technical Bulletin is for information only.



NOTE: A limited number of vehicles prior to the start VINs listed have also been fitted with the 433 MHz specification Tire Pressure Monitoring System. See the VIN Exceptions Table below for these vehicles.

Situation: The Tire Pressure Monitoring System (TPMS) communication frequency from the VINs listed has been changed from 315 MHz to 433 MHz. The communication frequency is laser etched into each TPMS low tire pressure sensor and the RF Receiver.

Cause: This change is due to implementing the same TPMS communication frequency worldwide.

Action: During routine service and diagnosis, special attention must be paid to ensuring the correct communication frequency and level of part is used. Refer to the matrix below and parts catalog help to ensure correct part identification and service parts are used for these vehicle lines. The communication frequency is laser etched into each TPMS low tire pressure sensor and the RF Receiver.

PARTS:



NOTE: Low tire pressure sensors -- 315 MHz and 433 MHz -- are NOT interchangeable. The communication frequency is laser etched into each TPMS low tire pressure sensor. Incorrect use will lead to functional issues.



NOTE: See Model / Communication Frequency Table, VIN Exceptions Table, and parts catalog for further information.

LR058023

TPMS sensor valve 433 MHz

Quantity: Information only

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
Information only	-	-	-	-



NOTE: Normal Warranty policies and procedures apply.

SERVICE INSTRUCTION:

- The communication frequency change from 315 MHz to 433 MHz does not affect standard service diagnostics. However, during routine service or part change/fitment, refer to the Model / Communication Frequency Table, VIN Exceptions Table, and parts catalog to determine correct parts necessary. Guidelines for mounting, dismounting, and servicing sensors may be found in the relevant TOPIx Workshop Manual sections. Should the correct part for a vehicle not be identified from the VIN, the vehicle communication frequency can be identified via the 'Tire pressure monitoring Wheel Sensor test' on SDD or by the communication frequency of the Tire Pressure Monitoring System (TPMS) RF Receiver (on back of receiver); see TOPIx Workshop Manual, Section 204-04.

APPENDIX:

Model / Communication Frequency Table

Model	VIN Range (see VIN Exceptions Table)	TPMS Communication Frequency	Part Number Etched On Part ('x' denotes various letters)	Current Replacement Part No.	Current Valve Seal Service Kit Part No. (see LTB00542NAS re: sensor type [TG1B / TG1C])
LR4 (L319)	To: DA696286	315 MHz	FW93 1A 159 Cx (supersedes AH52 1A 159 Cx)	LR058024 (supersedes LR031713)	TG1B: LR043161; TG1C with stem: LR043163; TG1C without stem: LR043162
LR4 (L319)	To: DA696286	433 MHz	FW93 1A 159 Ax (supersedes AH52 1A 159Ax)	LR058023 (supersedes LR031712)	TG1B: LR043161; TG1C with stem: LR043163; TG1C without stem: LR043162
LR4 (L319)	From: DA696287	433 MHz	FW93 1A 159 Ax	LR058023	TG1B: LR043161; TG1C with stem: LR043163; TG1C without stem: LR043162
Range Rover Sport (L494)	To: EA319922	315 MHz	AH52 1A 159 Cx	LR031713	TG1B: LR043161; TG1C with stem: LR043163; TG1C without stem: LR043162
Range Rover Sport (L494)	To: EA319922	433 MHz	FW93 1A 159 Ax (supersedes AH52 1A 159 Ax)	LR058023 (supersedes LR031712)	TG1B: LR043161; TG1C with stem: LR043163; TG1C without stem: LR043162
Range Rover Sport (L494)	From: EA319923	433 MHz	FW93 1A 159 Ax	LR058023	TG1B: LR043161; TG1C with stem: LR043163; TG1C without stem: LR043162

Range Rover (L405)	To: EA140910	315 MHz	AH52 1A 159 Cx	LR031713	TG1B: LR043161; TG1C with stem: LR043163; TG1C without stem: LR043162
Range Rover (L405)	To: EA140910	433 MHz	FW93 1A 159 Ax (supersedes AH52 1A 159Ax)	LR058023 (supersedes LR031712)	TG1B: LR043161; TG1C with stem: LR043163; TG1C without stem: LR043162
Range Rover (L405)	From: EA140911	433 MHz	FW93 1A 159 Ax	LR058023	TG1B: LR043161; TG1C with stem: LR043163; TG1C without stem: LR043162

VIN Exceptions Table



NOTE: The VINs listed below were manufactured prior to the start VINs listed above and have been fitted with the 433 MHz communication frequency Tire Pressure Monitoring System.

LR4 (L319)	Range Rover Sport (L494)	Range Rover (L405)
DA692894	EA312792	EA136853
DA692895	EA315968	EA136854
DA692896	EA315969	EA136855
DA692897	EA315970	EA136856
DA694759	EA315971	EA138660
DA694760	EA319869	EA138661
DA694761	EA319875	EA138662
DA694762	EA319876	EA138663
	EA319889	
	EA319890	
	EA319895	
	EA319914	
	EA319915	
	EA319922	