

TECHNICAL BULLETIN

P056NAS1

18 FEB 2015



© Jaguar Land Rover North America, LLC

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: Vehicle Wheel Nut Quality

AFFECTED VEHICLE RANGE:

LR4 (LA)

Model Year: 2015
VIN: FA755236-FA758295

Range Rover Sport (LW)

Model Year: 2015
VIN: FA516493-FA516914

Range Rover Sport (LW)

Model Year: 2015
VIN: FA611795-FA611825

Range Rover (LG)

Model Year: 2015
VIN: FA212195-FA214917

MARKETS:

NAS

CONDITION SUMMARY:

Situation: A concern has been identified where the wheel nuts fitted to certain 2015 model year Land Rover LR4, Range Rover Sport, and Range Rover vehicles may not be to the correct specification. Wheel nuts installed on the affected vehicles may have been manufactured from raw material where the Ultimate Tensile Strength (UTS) is lower than that required. In this condition some wheel nuts may crack and detach from the wheel hub stud when subjected to shock loading.

In the event of there being two (2) or more wheel nuts fitted to a wheel hub where the UTS is lower than required, and the wheel hub is subjected to shock loading, the remaining wheel nuts may not be sufficiently strong to secure the wheel to the wheel hub. Wheels may therefore detach, leading to loss of vehicle control which increases the risk of a vehicle crash.

Locking and black wheel nuts are not affected.

Action: Retailers are required to **HOLD** only affected new vehicles that are within your control and refrain from releasing the vehicles for new 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:

 **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*
Wheel nut	RRD500510	20	100

SPECIAL TOOLS:

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.**

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 '**P056**' 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.

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.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS / SUNDRY CODE	QTY. / VALUE
P056	D	Replace wheel nuts	05.10.50	0.3	RRD500510	20
P056	E	Replace wheel nuts Drive in/drive out	05.10.50 02.02.02	0.3 0.2	RRD500510	20

Normal Warranty policies and procedures apply

SERVICE INSTRUCTION:

- Using a suitable marker pen, mark all non-locking wheel nuts on all four road wheels.
 - If locking wheel nuts have previously been installed, mark the four (4) loose non-locking wheel nuts located inside the vehicle.

-  **NOTE: Only one wheel nut at a time must be removed/installed before removing/installing the next wheel nut.**

 **NOTE: If installed, DO NOT remove the locking wheel nut; this is not being replaced.**

 **NOTE: Do not remove the wheel from the vehicle.**

At the front left wheel, remove one (1) marked wheel nut.

- Install a new wheel nut and tighten in stages.

- **Stage 1: 4Nm**
- **Stage 2: 70Nm**
- **Stage 3: 140Nm**

4. Carry out steps 2-3 to the remaining marked non-locking wheel nuts on the front left wheel.

5. Carry out steps 2-4 to the remaining three road wheels.

6. If locking wheel nuts have previously been installed, replace the four (4) loose non-locking wheel nuts located inside the vehicle with four (4) new wheel nuts.