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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: 204-01

Service Action: Front Suspension Rear Lower Arm Bush

AFFECTED VEHICLE RANGE:

Range Rover (LG)
Model Year: 2013
VIN: 101627-103667
Assembly Plant: Solihull

MARKETS:

NAS

CONDITION SUMMARY:

Situation: An issue has been identified on a limited number of vehicles within the Affected Vehicle Range where the front left and/or right suspension rear lower arm may contact the sub-frame under heavy braking/acceleration.

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 Service Instruction 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:

DESCRIPTION	PART No./SUNDRY CODE	QTY./VALUE	EXPECTED % of VEHICLES REQUIRING PARTS
Bolt	LR072694	2	100
Bolt	LR034230	2	100
Front suspension rear lower arm - RH	LR078476	1	10
Front suspension rear lower arm - LH	LR078478	1	10

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 Recalls and 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 **Q589** together with the relevant Option Code from the table. SRO and parts information is included for information only. The Option Code(s) that allows for the drive in / drive out allowance can only be claimed if the vehicle is brought back into the workshop for this action alone to be undertaken.

This program is valid for a limited time only. Warranty claims with a repair date prior to the **30 April 2018** closure date must be submitted or payment within 30 calendar days of completion of the repair.

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
Q589	A	Check the front suspension rear lower arm bush coding - both sides	05.10.50	0.50	LR072694 LR034230	2 2
Q589	K	Check the front suspension rear lower arm bush coding - both sides Drive in/drive out	05.10.50 02.02.02	0.50 0.20	LR072694 LR034230 -	2 2 -
Q589	B	Check the front suspension rear lower arm bush coding - both sides Install a new front suspension rear lower arm - RH Wheel alignment	05.10.50 60.35.03 57.65.14	0.50 0.40 0.70	LR072694 LR034230 LR078476 -	2 2 1 -
Q589	C	Check the front suspension rear lower arm bush coding - both sides Install a new front suspension rear lower arm - RH Wheel alignment Drive in/drive out	05.10.50 60.35.03 57.65.14 02.02.02	0.50 0.40 0.70 0.20	LR072694 LR034230 LR078476 -	2 2 1 -
Q589	D	Check the front suspension rear lower arm bush coding - both sides Install a new front suspension rear lower arm - LH Wheel alignment	05.10.50 60.35.03 57.65.14	0.50 0.40 0.70	LR072694 LR034230 LR078478 -	2 2 1 -
Q589	E	Check the front suspension rear lower arm bush coding - both sides Install a new front suspension rear lower arm - LH Wheel alignment Drive in/drive out	05.10.50 60.35.03 57.65.14 02.02.02	0.50 0.40 0.70 0.20	LR072694 LR034230 LR078478 - -	2 2 1 - -
Q589	F	Check the front suspension rear lower arm bush coding - both sides Install a new front suspension rear lower arm - both sides Wheel alignment	05.10.50 60.35.89.30 57.65.14	0.50 0.70 0.70	LR072694 LR034230 LR078476 LR078478 -	2 2 1 1 -
Q589	G	Check the front suspension rear lower arm bush coding - both sides Install a new front suspension rear lower arm - both sides Wheel alignment Drive in/drive out	05.10.50 60.35.89.30 57.65.14 02.02.02	0.50 0.70 0.70 0.20	LR072694 LR034230 LR078476 LR078478 - -	2 2 1 1 - -

Normal Warranty policies and procedures apply.

SERVICE INSTRUCTION:



NOTE: Removal steps in this procedure may contain installation details.




NOTE: Front left suspension shown; front right similar.

1.  **CAUTION:** Make sure to support the vehicle with axle stands.

Raise and support the vehicle.

2. Remove the front left wheel and tire (see TOPIx Workshop Manual section 204-04: Wheels and Tires).

3.  **CAUTION:** Nuts and bolts must be tightened with vehicle at normal ride height.

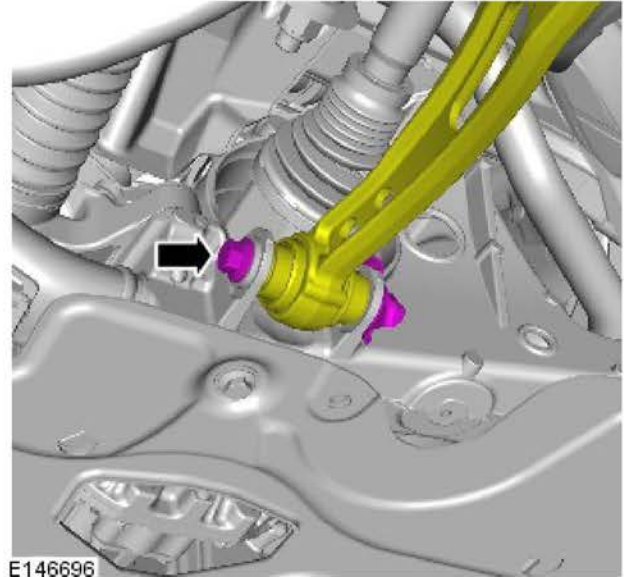
 **CAUTION:** A new bolt **MUST** be installed.


 **NOTE:** Discard the bolt.

 **NOTE:** Using a suitable transmission jack, support the component while tightening the nuts and bolts at normal ride height.

Remove the front left suspension lower arm inside fixing.

- Torque:
 - Stage 1: 100 Nm
 - Stage 2: 360°



4.  **CAUTION:** Nuts and bolts must be tightened with vehicle at normal ride height.

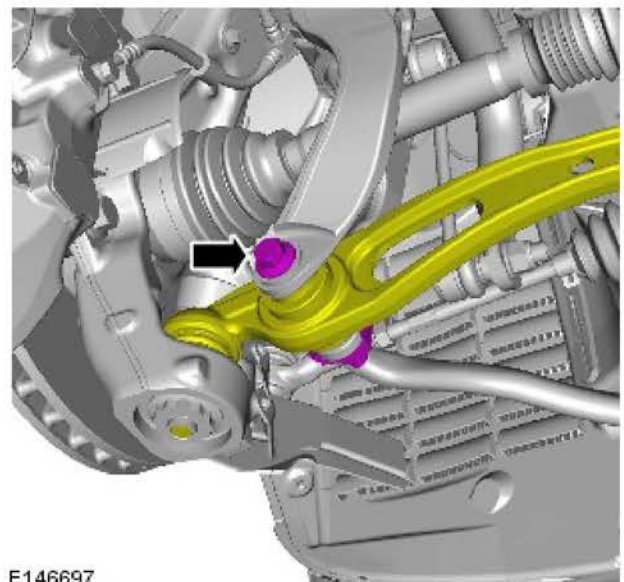
 **CAUTION:** A new bolt **MUST** be installed.

 **NOTE:** Discard the bolt.

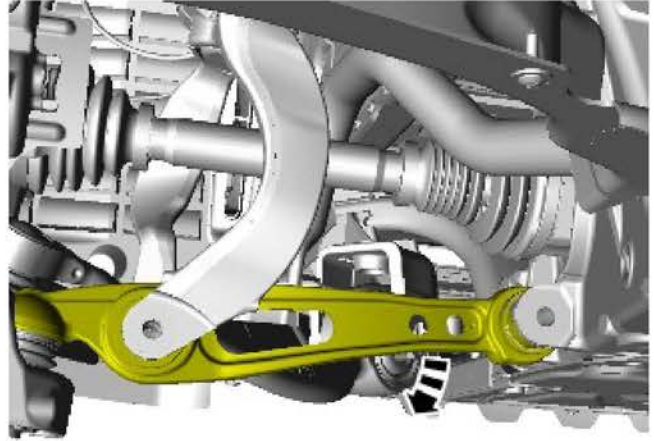
 **NOTE:** Using a suitable transmission jack, support the component while tightening the nuts and bolts at normal ride height.

Remove the front left suspension lower arm suspension fixing.


- Torque:
 - Stage 1: 100 Nm
 - Stage 2: 240°



5. Lower the front left suspension lower arm to access the rubber bush.

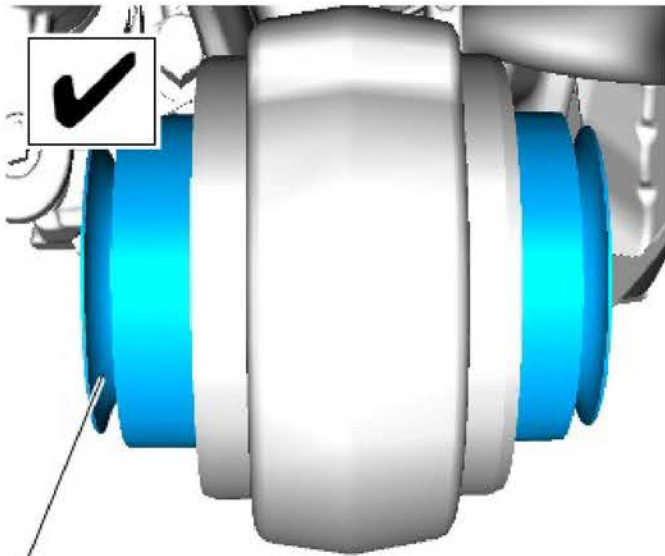


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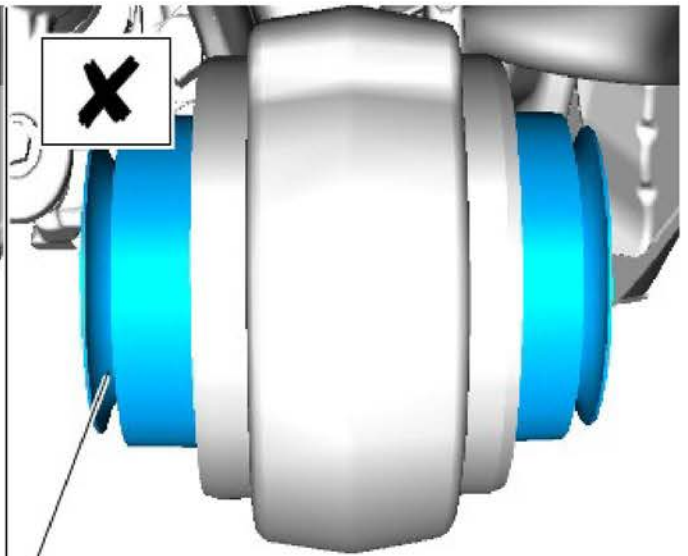
6.  NOTE: The month is denoted by the 'dots' after the year. Ex.: '12 + 1 dot' equates to January 2012; '13 + 2 dots' equates to February 2013, etc.

Clean the front left suspension lower arm rubber bush and inspect the date code.

- If the date code on the front left suspension lower arm rubber bush is **January 2012** (12 + 1 dot), install a new front left suspension rear lower arm (see TOPIx Workshop Manual section 204-01: Front Suspension - Rear Lower Arm).
 - Once completed, carry out Steps 1 to 6 to inspect the front right suspension lower arm rubber bush date code.
- If the date code on the front left suspension lower arm rubber bush is not **January 2012** (NOT 12 + 1 dot), reverse the removal procedure and carry out Steps 1 to 6 to inspect the front right suspension lower arm rubber bush date code.
 - If the date code on the front right suspension lower arm rubber bush is not **January 2012** (NOT 12 + 1 dot), reverse the removal procedure and release the vehicle.



12	Jul	Aug	Sep	Oct	Nov	Dec	13	Jul	Aug
	Jan	Feb	Mar	Apr	May	Jun		Jan	Feb



12	Jul	Aug	Sep	Oct	Nov	Dec	13	Jul	Aug
	Jan	Feb	Mar	Apr	May	Jun		Jan	Feb

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