



N117NAS1

TECHNICAL BULLETIN

30 OCT 2017

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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.

INFORMATION

SECTION:

204-02: Rear Suspension

SUBJECT/CONCERN:

Service Action: Rear Wheel Upper Control Arms - Incorrect Fixings Installed

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Discovery (LR)	2017	033275-033829	Solihull
Range Rover Sport (LW)	2017	166117-166581	Solihull
Range Rover (LG)	2017	366311-366824	Solihull

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:
SITUATION:

An issue has been identified on certain vehicles within the listed Affected Vehicle Range which have been manufactured with incorrect rear suspension left and right upper control arm bolts.

ACTION:

Retailers are required to **HOLD** affected new vehicles that are within your control and refrain from releasing the vehicles for **new vehicle sale** pending completion of the appropriate Workshop Procedure -- 'A' or 'B' -- 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:

Order only the expected percentage demand of parts identified.

DESCRIPTION	PART NO./SUNDRY CODE	QTY./VALUE	EXPECTED % OF VEHICLES REQUIRING PARTS
Bolt - Upper control arm - Vehicles with aluminum rear subframe	FC114206	4	100
Bolt - Upper control arm - Vehicles with steel rear subframe	FC114206	2	100

SPECIAL TOOLS:

Refer to TOPIx Workshop Manual/Workshop Procedure for any required special 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 Recall 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 the Program Code together with the relevant Option Code. The 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.

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.

This program is valid for a limited time only. Warranty claims with a repair date prior to the **31 October 2019** closure date must be submitted or payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS/SUNDRY CODE	QTY./VALUE
N117	B	Rear Suspension - Upper arm - Both sides - Renew fixings	64.35.89.45	0.6	FC114206	4
N117	C	Rear Suspension - Upper arm - Both sides - Renew fixings Drive In/Drive Out	64.35.89.45 02.02.02	0.6 0.2	FC114206 -	4 -

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS/SUNDRY CODE	QTY./VALUE
N117	D	Rear Suspension - Upper arm - Both sides - Renew outer fixings	64.35.89.46	0.4	FC114206	2
N117	E	Rear Suspension - Upper arm - Both sides - Renew outer fixings Drive In/Drive Out	64.35.89.46 02.02.02	0.4 0.2	FC114206 -	2 -

Normal Warranty policies and procedures apply.

WORKSHOP PROCEDURE 'A': VEHICLES WITH STEEL REAR SUBFRAME

NOTE:

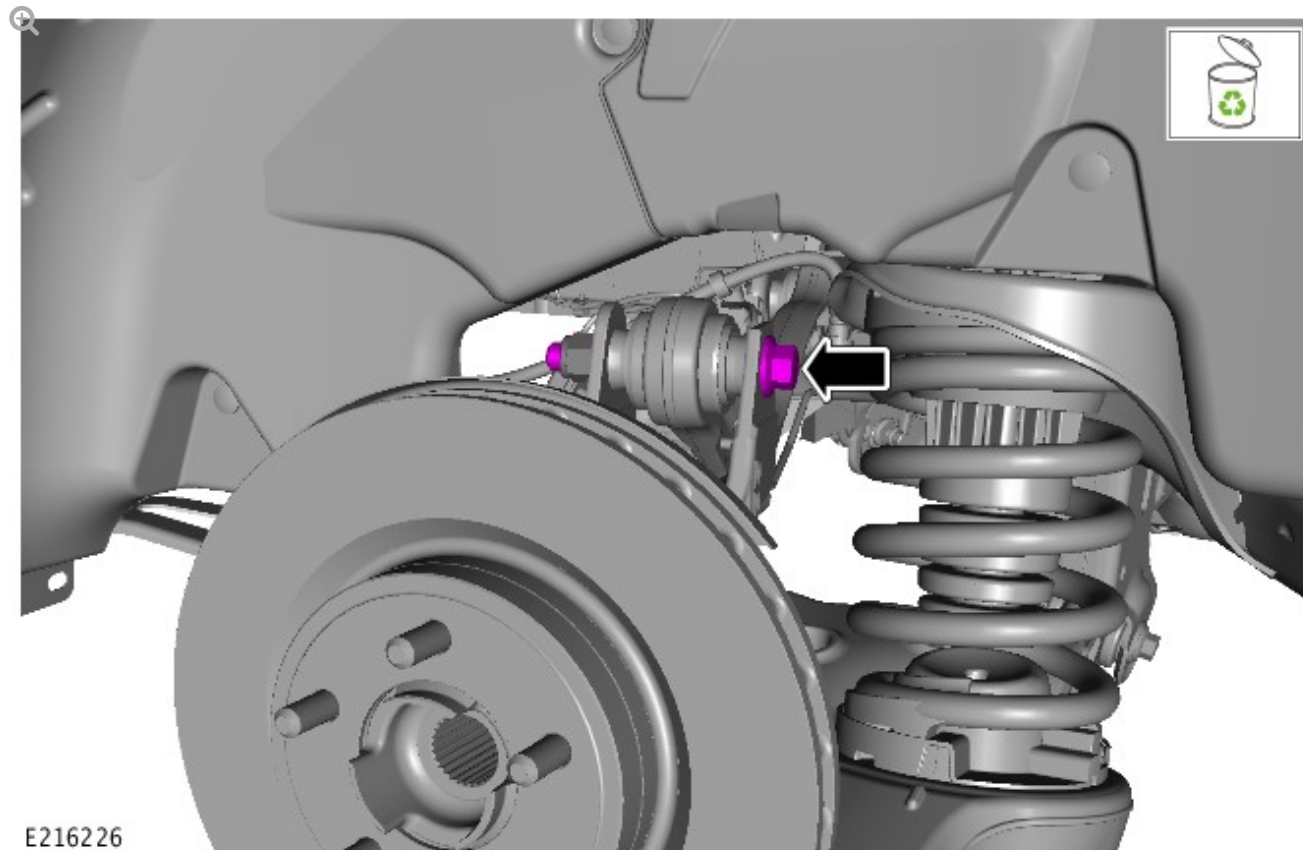
Some components are shown removed for clarity.

- 1 Remove the rear left wheel and tire assembly (see TOPIx Workshop Manual section: 204-04: Wheels and Tires - Removal and Installation - Wheel and Tire).

2

CAUTION:

The rear suspension left upper control arm outer bolt (highlighted) must be replaced.



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Remove and discard the rear suspension left upper control arm outer bolt; retain the nut.

-
- 3 Install a new rear suspension left upper control arm outer bolt; use the original nut.
 - Torque:
 - **Stage 1: 50 Nm**
 - **Stage 2: 60°**
-
- 4 Install the rear left wheel and tire assembly (see TOPIx Workshop Manual section: 204-04: Wheels and Tires - Removal and Installation - Wheel and Tire).
-
- 5 Perform Steps 1-5 to the rear suspension right upper control arm.

WORKSHOP PROCEDURE 'B': VEHICLES WITH ALUMINUM REAR SUBFRAME

NOTE:

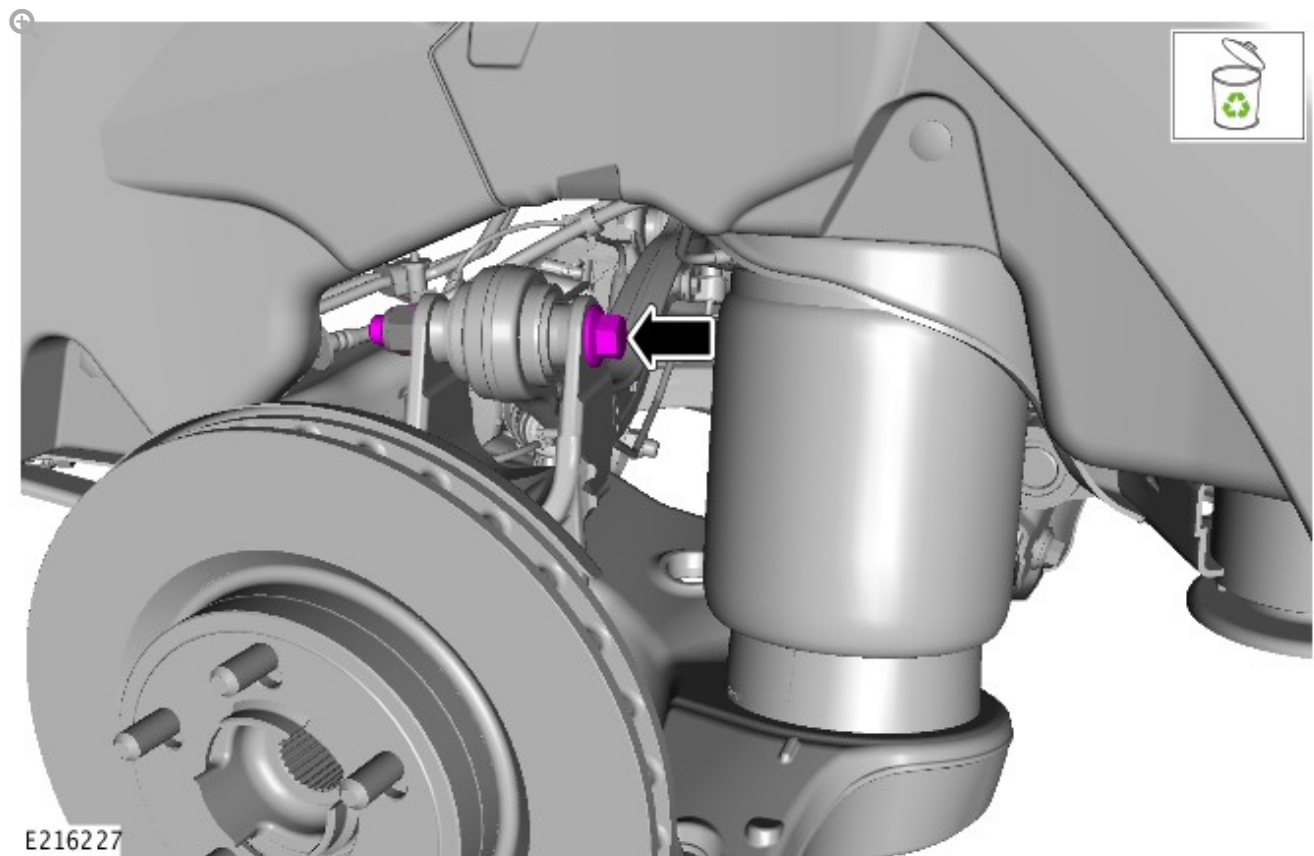
Some components are shown removed for clarity.

- 1 Remove the rear left wheel and tire assembly (see TOPIx Workshop Manual section: 204-04: Wheels and Tires - Removal and Installation - Wheel and Tire).

2

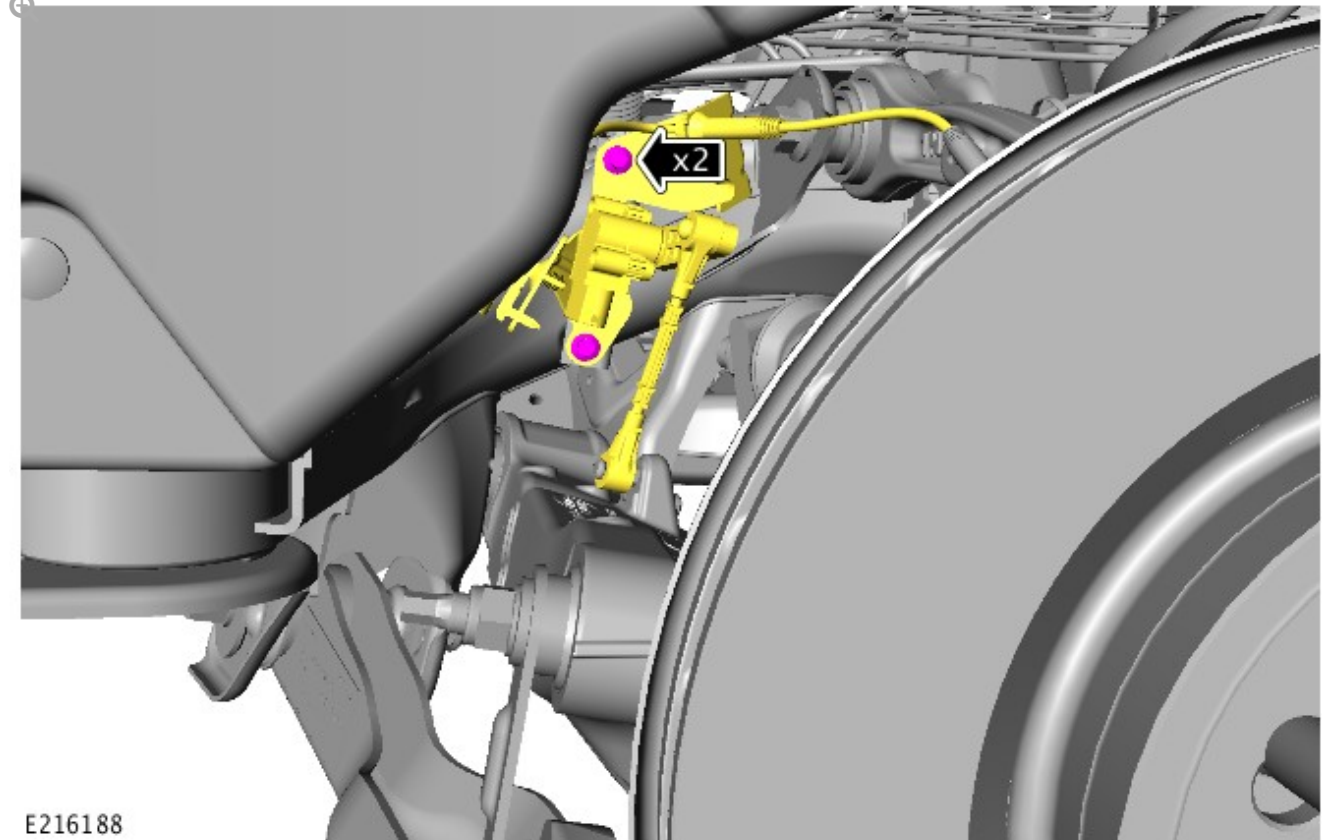
CAUTION:

The rear suspension left upper control arm outer bolt (highlighted) must be replaced.



Remove and discard the rear suspension left upper control arm outer bolt (highlighted); retain the nut.

3

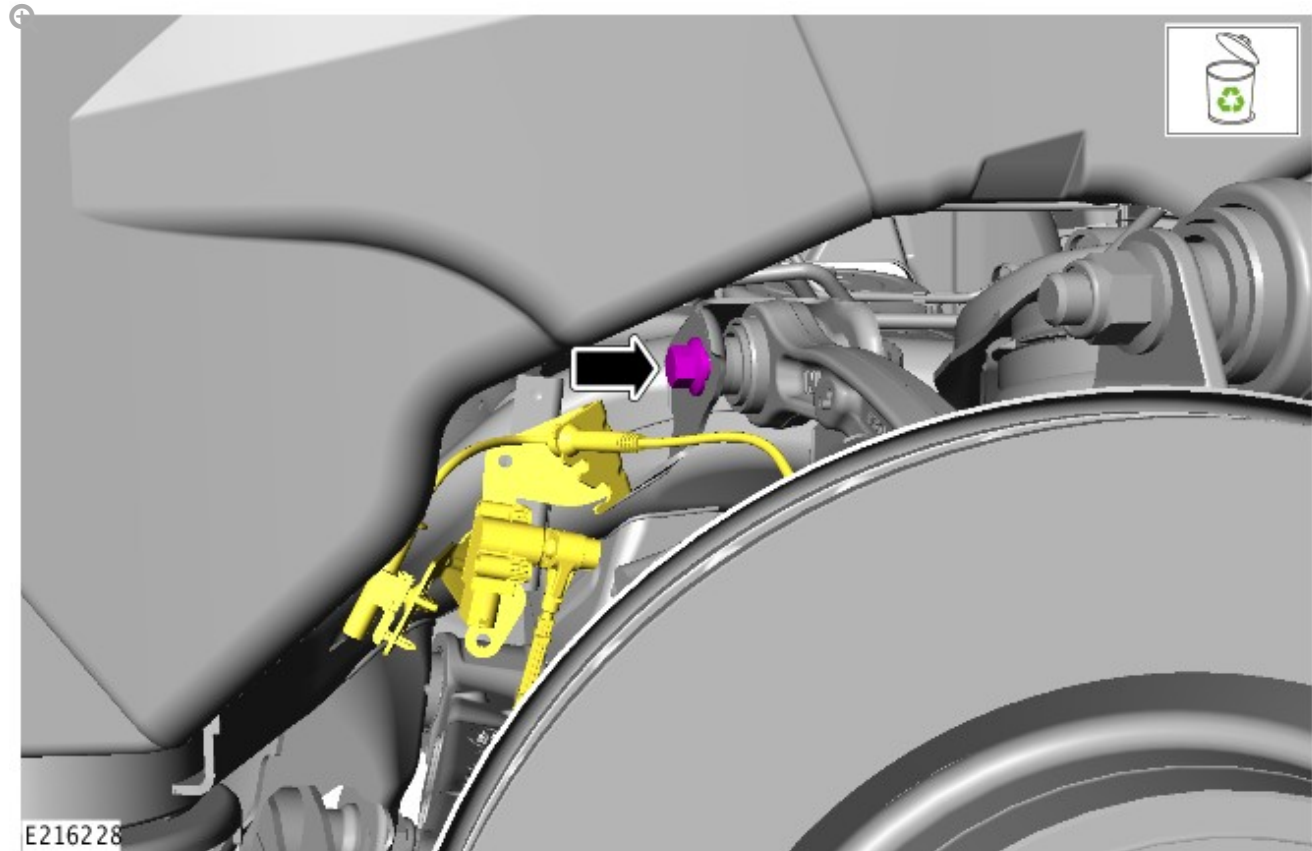


Move aside the bracket to allow access to the rear suspension left upper control arm inner bolt.

4

CAUTION:

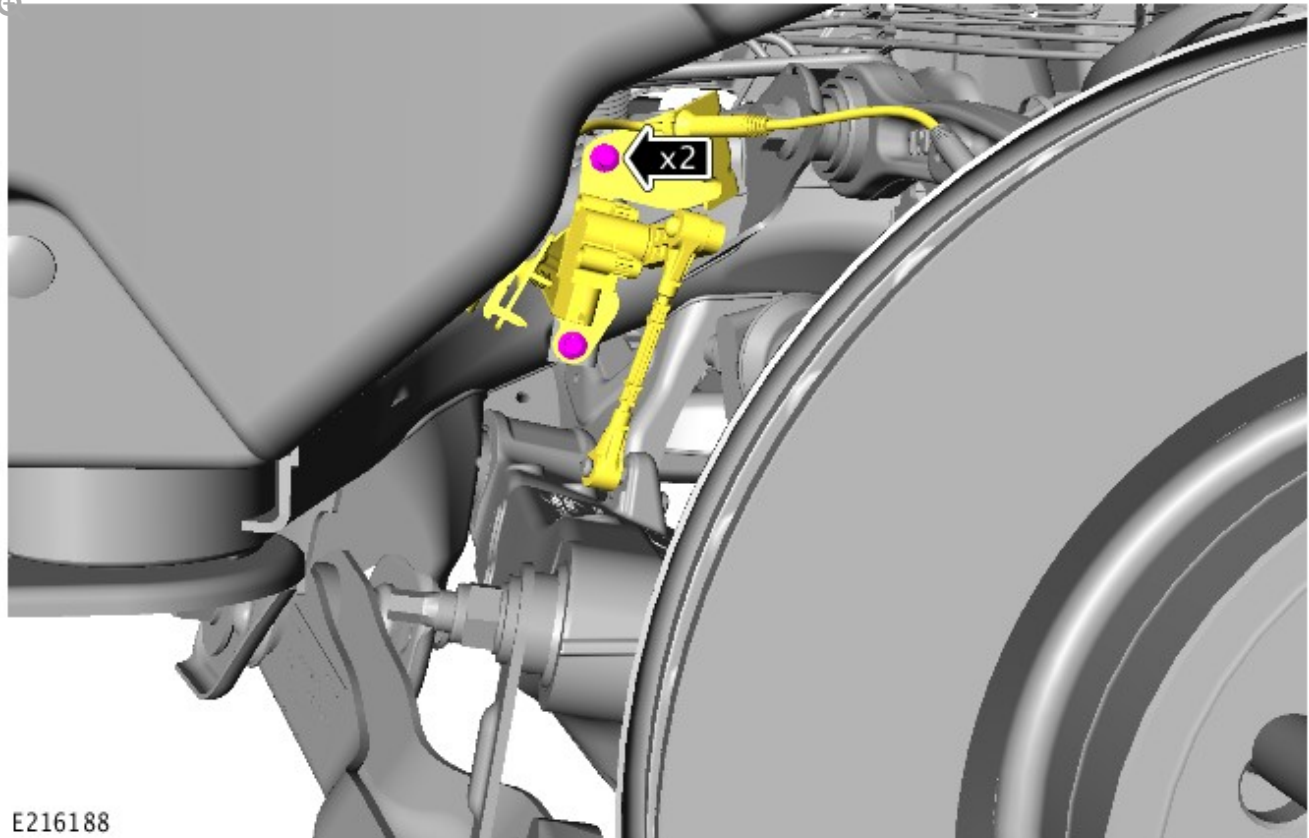
The rear suspension left upper control arm inner bolt (highlighted) must be replaced.



Remove and discard the rear suspension left upper control arm inner bolt (highlighted); retain the nut.

-
- 5 Install a new rear suspension left upper control arm inner bolt (highlighted).
 - Torque:
 - **Stage 1: 50 Nm**
 - **Stage 2: 60°**
-

6



Move the bracket to the original position.

7 Install a new rear suspension left upper control arm outer bolt (highlighted).

■ Torque:

■ **Stage 1: 50 Nm**

■ **Stage 2: 60°**

8 Install the rear left wheel and tire assembly (see TOPIx Workshop Manual section: 204-04: Wheels and Tires - Removal and Installation - Wheel and Tire).

9 Perform Steps 1-8 to the rear suspension right upper control arm.