

PUBLISHED: 03-SEP-2020
2020.0 DEFENDER (LE), 204-01

FRONT SUSPENSION

REAR LOWER CONTROL ARM (G2416633)

mcx30.com

mcx30.com

SPECIAL TOOL(S)

mcx30.com



E156593

204-598

Hydraulic Cylinder 10t



E258695

JLR-204-838

Ball joint splitter



E269374

JLR-204-838-01

Ball Joint Splitter Adaptor

GENERAL EQUIPMENT

EQUIPMENT NAME
Transmission jack

PART(S)

STEP	PART NAME	QUANTITY
Installation Step 1	Rear lower control arm nut and bolt	1
Installation Step 1	Yoke to lower arm nut(s) and bolt(s)	1
Installation Step 1	Ball joint nut(s)	1

REMOVAL

⚠ CAUTION:

The suspension arm to subframe/body nuts and bolts must be tightened with the suspension in arms in the normal ride position. Failure to follow this instruction may result in premature failure of the bush.

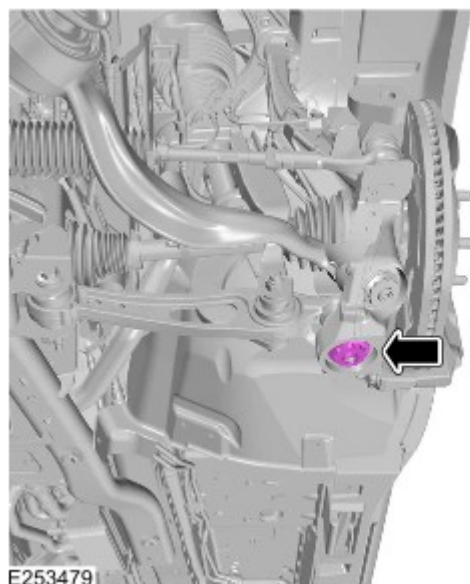
△ NOTES:

- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- This procedure contains illustrations showing certain components removed to provide extra clarity.
- This procedure contains illustrations for left side components, right side components are similar.
- Special tool 204-598 may be substituted with LR-121.

1. Raise and support the vehicle on a suitable 2-post lift.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

2. Remove the front left wheel and tire assembly.
Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

3.

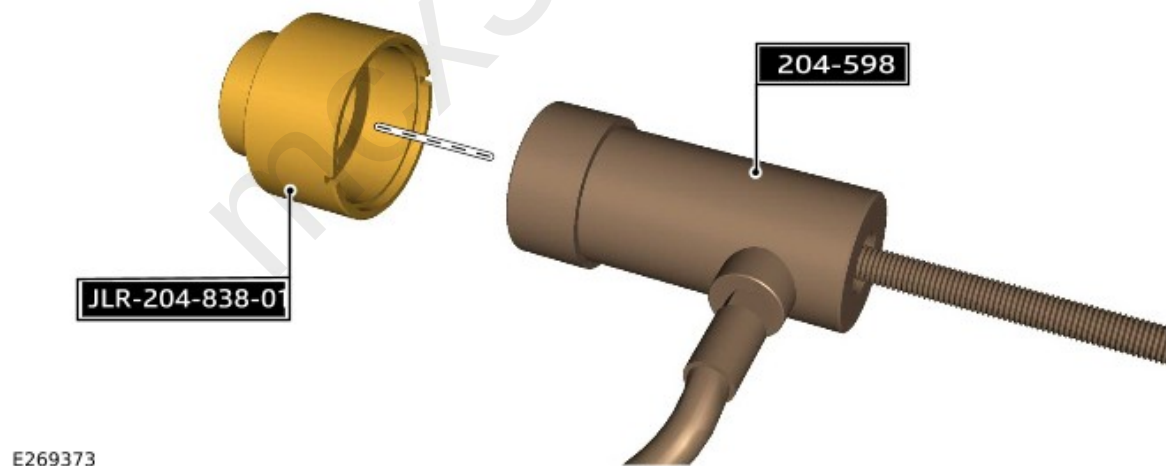


Loosen, but do not fully remove the nut.

4.

NOTE:

This step is only required for special tool 204-598. If LR-121 is used, do not install JLR-204-838-01.



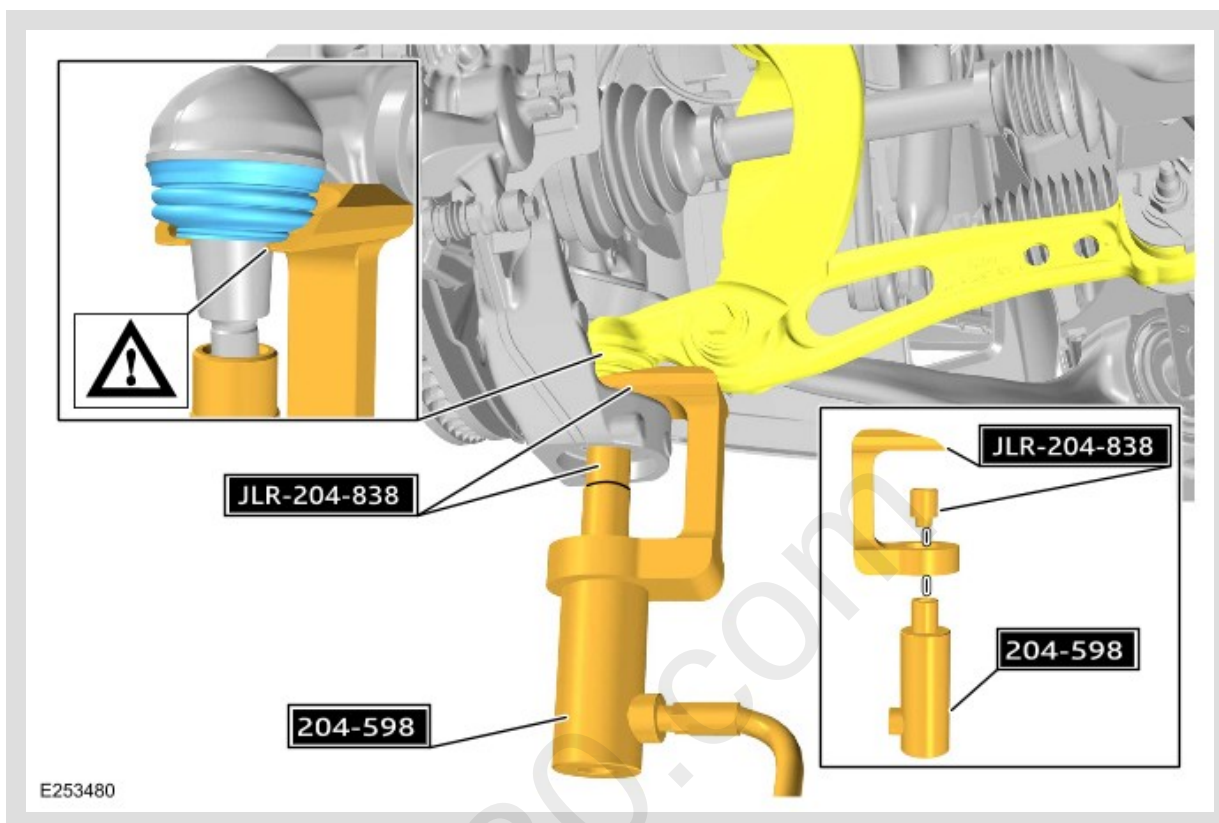
Assemble the special tools.

Special Tool(s): [JLR-204-838-01](#), [204-598](#)

5.

⚠ CAUTION:

Make sure the special tool is correctly located and the ball joint boot is not damaged while carrying out the operation. Failure to follow this instruction may result in damage to the component.



Use the special tools to release the rear lower control arm ball joint from the wheel knuckle.

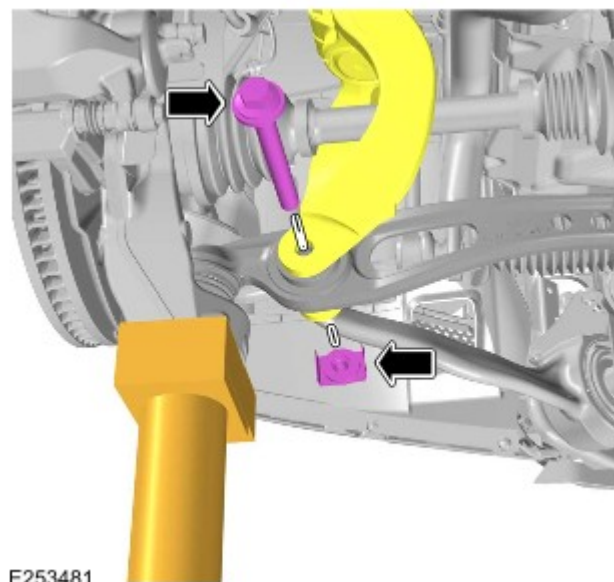
Special Tool(s): [204-598](#), [JLR-204-838](#)

6.



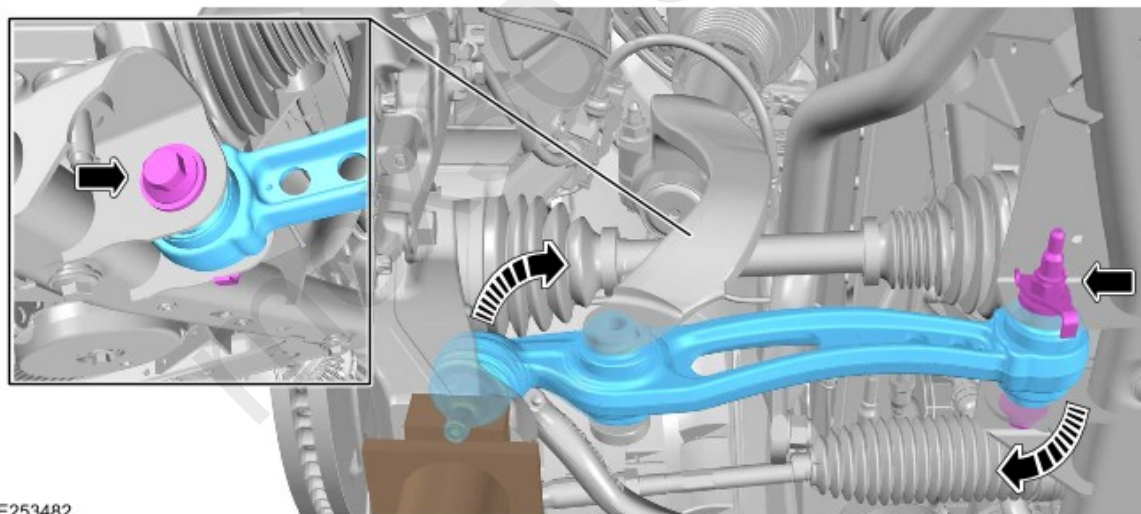
Remove and discard the nut.

7.



- Using a suitable stand, to support the wheel knuckle.
General Equipment: [Transmission jack](#)
- Remove and discard the nut and bolt.

8.



- Remove and discard the nut and bolt.
- Remove the rear lower control arm.

1.

⚠ CAUTION:

Nuts and bolts must be tightened with vehicle at normal ride height.

- Install the lower control arm.
- Install and tighten the rear lower control arm to subframe bolt and nut.

Renew Part: [Rear lower control arm nut and bolt](#) *Quantity:* 1.

Torque

Stage1: **100Nm**

Stage2: **180°**

- Install and tighten the rear lower control arm to yoke bolt and nut.

Renew Part: [Yoke to lower arm nut\(s\) and bolt\(s\)](#) *Quantity:* 1.

Torque: **185Nm**

- Remove the stand.

General Equipment: [Transmission jack](#)

- Install and tighten the new nut.

Renew Part: [Ball joint nut\(s\)](#) *Quantity:* 1.

Torque: **290Nm**

2.

Install the front left wheel and tire assembly.

Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

3.

Use the Jaguar Land Rover (JLR) approved equipment, check and if necessary adjust the wheel alignment.

Refer to: [Wheel Alignment](#) (204-00 Suspension System - General Information, General Procedures).