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2020.0 DEFENDER (LE), 204-01

FRONT SUSPENSION

RIGHT UPPER CONTROL ARM (G2417671)

mcx30.com

REMOVAL AND INSTALLATION

SPECIAL TOOL(S)



E145966

JLR-204-803

Splitter, Upper Arm

GENERAL EQUIPMENT

EQUIPMENT NAME
Jaguar Land Rover approved diagnostic equipment

PART(S)

STEP	PART NAME	QUALIFICATION	QUANTITY
Step 1	Front suspension upper arm to body nuts and bolts	All vehicles	2
Step 1	Front suspension upper arm ball joint to knuckle nut and bolt	All vehicles	1

REMOVAL

ⓘ CAUTION:

Nuts and bolts must be tightened with vehicle at normal ride height. Failure to follow this instruction may result in damage to the component.



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.

The following step(s) applies to:

Vehicles with air suspension

1. Use the Jaguar Land Rover (JLR) approved diagnostic equipment, depressurize air suspension system.
Refer to: [Air Suspension System Depressurize and Pressurize](#) (204-05 Vehicle Dynamic Suspension, General Procedures).
General Equipment: [Jaguar Land Rover approved diagnostic equipment](#)

The following step(s) applies to:

Vehicles with fuel fired booster heater

2. Remove the Fuel Fired Booster Heater (FFBH) assembly.
Refer to: [Fuel Fired Booster Heater](#) (412-02 Auxiliary Climate Control, Removal and Installation).

The following step(s) applies to:

All vehicles

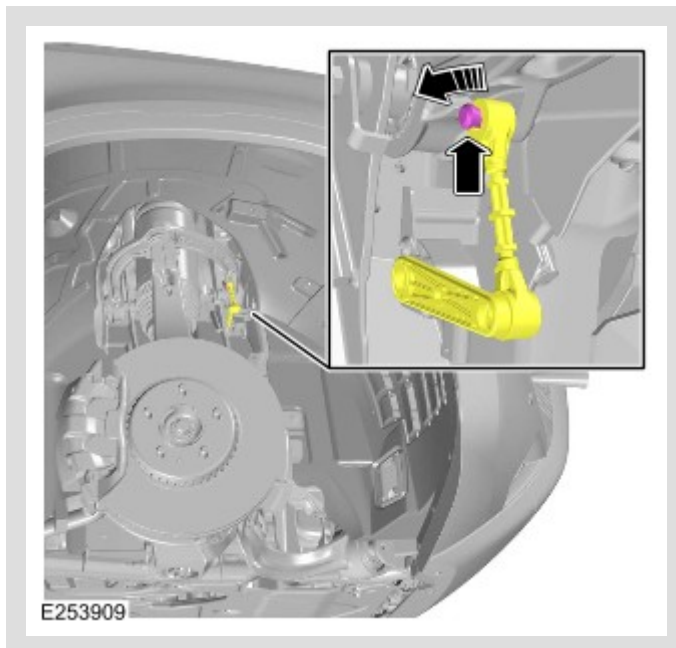
3. Raise and support the vehicle on a suitable 2-post lift.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

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

5.

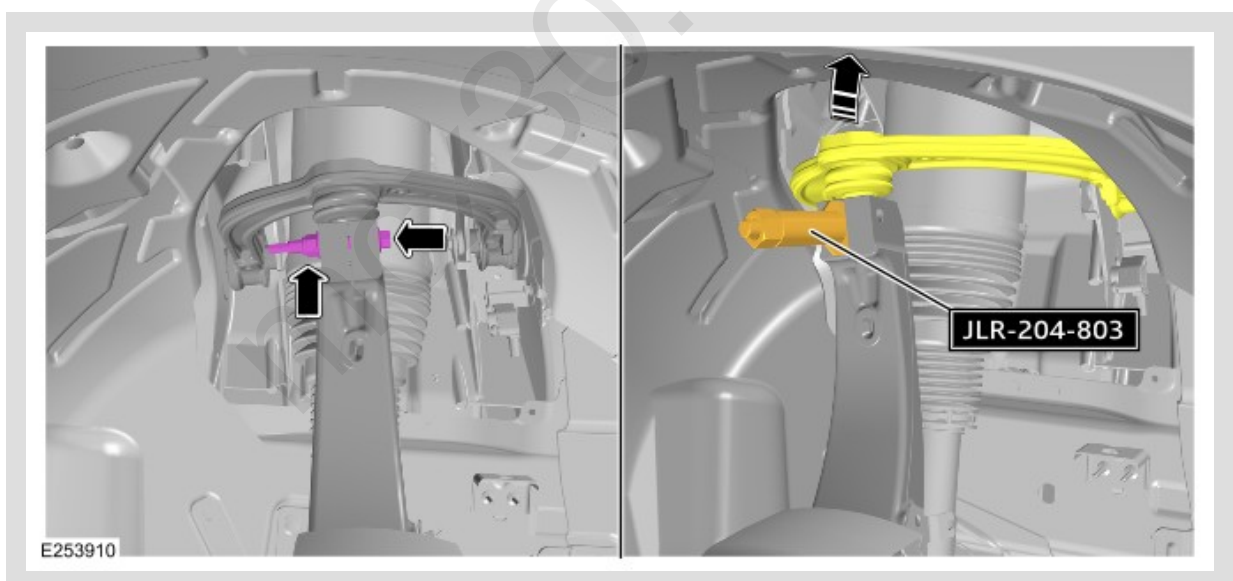
⚠ CAUTION:

Do not use excessive force to release the height sensor.



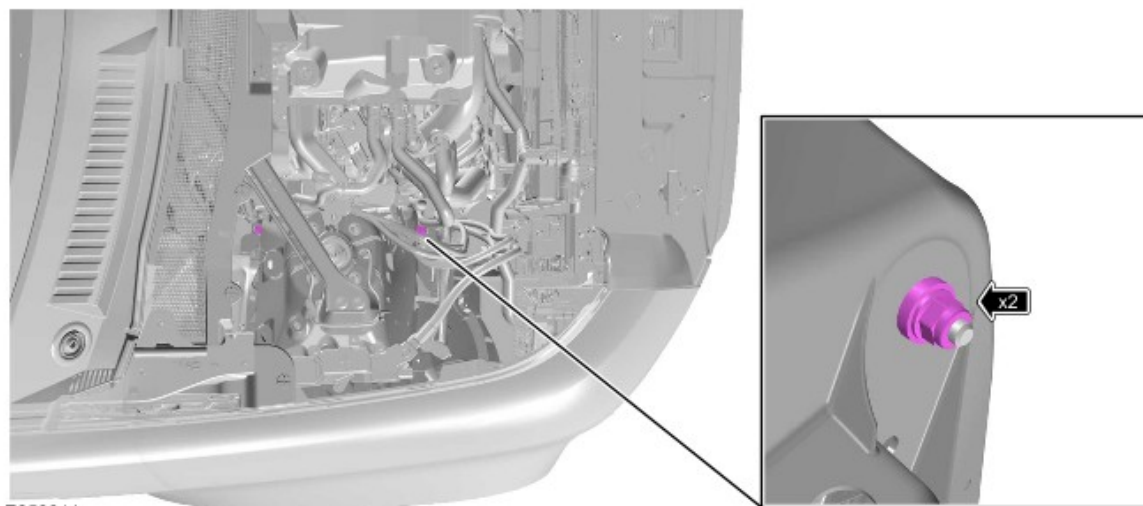
Release the height sensor from the right upper control arm.

6.



- Remove and discard the nut and bolt.
- Use the special tool to release the right upper control arm ball joint from the wheel knuckle.
Special Tool(s): [JLR-204-803](#)
- Release the right upper control arm.

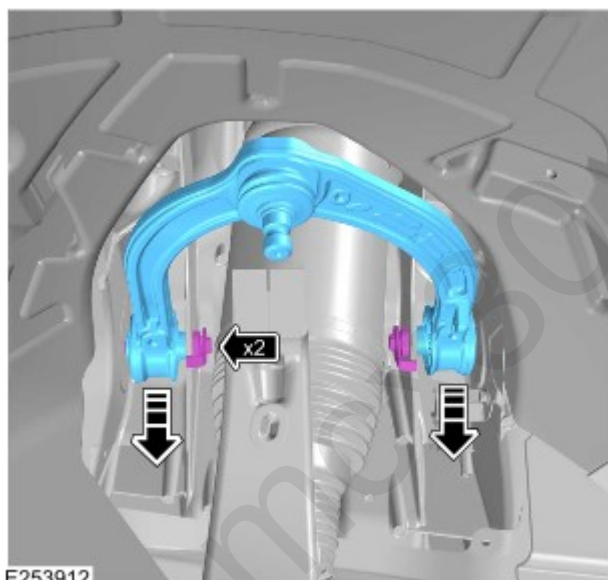
7.



E253911

Remove the 2 nuts.

8.



E253912

- Remove the 2 bolts.
- Remove the right upper control arm.

INSTALLATION

The following step(s) applies to:

All vehicles

1.

- Install the right upper control arm.
- Install the 2 right upper control arm to body bolts.
Renew Part: [Front suspension upper arm to body nuts and bolts](#) Quantity: 2.
- Connect the right upper control arm ball joint to the wheel knuckle.
- Install and tighten the right upper control arm to wheel knuckle nut and the bolt.
Renew Part: [Front suspension upper arm ball joint to knuckle nut and bolt](#) Quantity: 1.
Torque: 70Nm
- Secure the height sensor link to the right upper control arm.

2.

 CAUTION:

Nuts must be tightened with vehicle at normal ride height.

Install and tighten the 2 right upper control arm to body nuts.

Torque: 60Nm

3.

Install the right wheel and tire assembly.

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

The following step(s) applies to:

Vehicles with fuel fired booster heater

4.

Install the FFBH assembly.

Refer to: [Fuel Fired Booster Heater](#) (412-02 Auxiliary Climate Control, Removal and Installation).

The following step(s) applies to:

Vehicles with air suspension

5.

Use the JLR approved diagnostic system, to pressurize the air suspension.

Refer to: [Air Suspension System Depressurize and Pressurize](#) (204-05 Vehicle Dynamic Suspension, General Procedures).

General Equipment: [Jaguar Land Rover approved diagnostic equipment](#)

6.

Use the JLR approved diagnostic system, to calibrate the suspension ride height.

Refer to: [Ride Height Adjustments](#) (204-05 Vehicle Dynamic Suspension, General Procedures).

General Equipment: [Jaguar Land Rover approved diagnostic equipment](#)

