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2020.0 DEFENDER (LE), 204-02

REAR SUSPENSION

COIL SPRING (G2558302)

mcx30.com

REMOVAL AND INSTALLATION

GENERAL EQUIPMENT

EQUIPMENT NAME
Transmission jack

PART(S)

STEP	PART NAME	QUANTITY
Installation Step 2	Rear lower arm to knuckle nut and bolt	1
Installation Step 3	Stabilizer bar link lower nut	1
Installation Step 4	Rear lower arm to knuckle nut and bolt	1
Installation Step 5	Tie-rod nut and bolt	1
Installation Step 6	Shock absorber to wheel knuckle mounting nut and bolt	1

REMOVAL

ⓘ CAUTION:

Only tighten the nuts and bolts when the suspension is at the normal ride height. Failure to follow this instruction may result in damage to the vehicle.

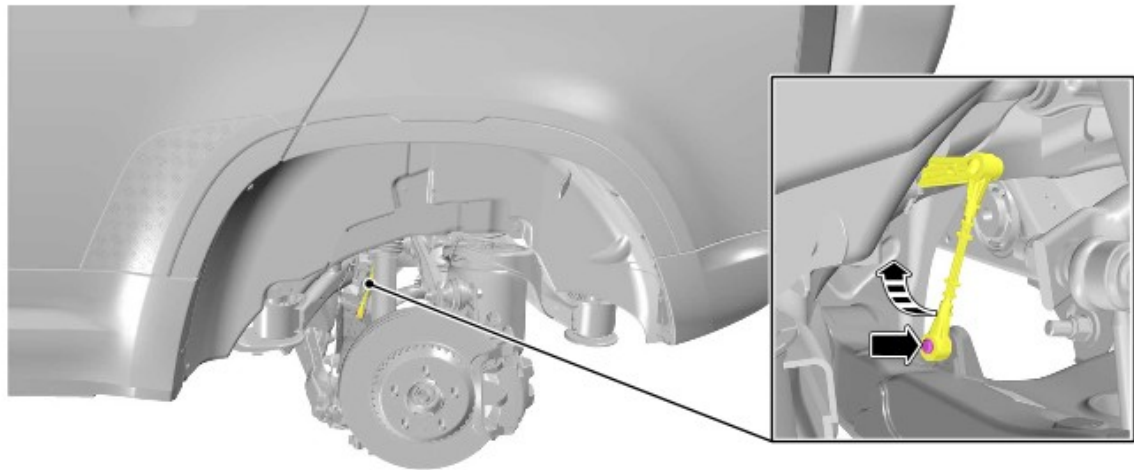
⚠ NOTE:

- 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.

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

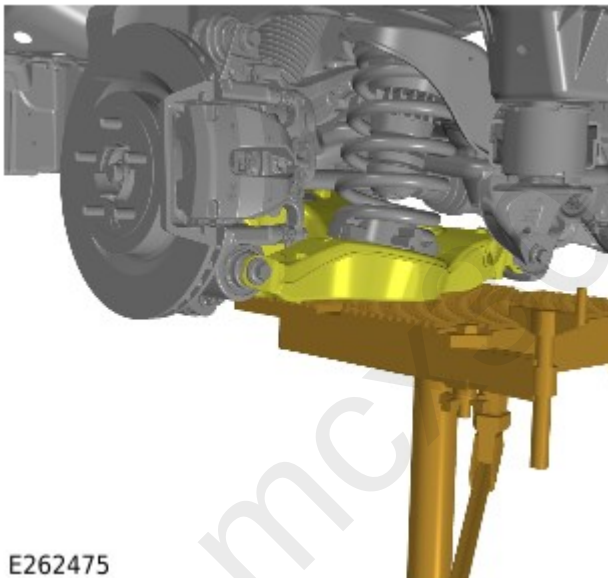
3.



E254182

Release the height sensor from the rear lower control arm.

4.

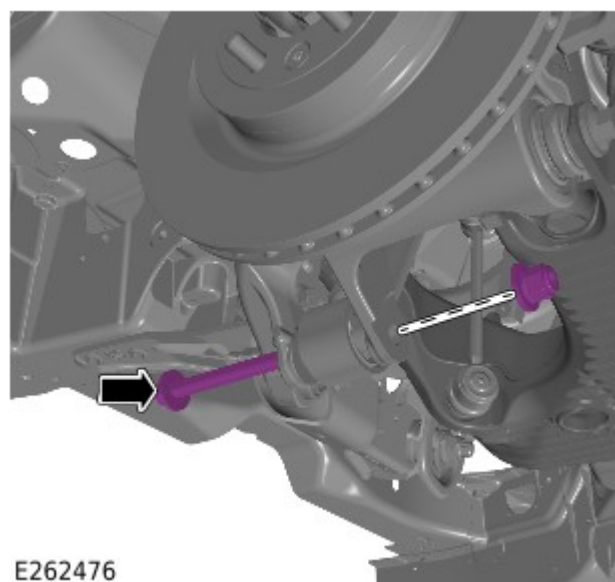


E262475

Use a suitable stand to support the lower control arm.

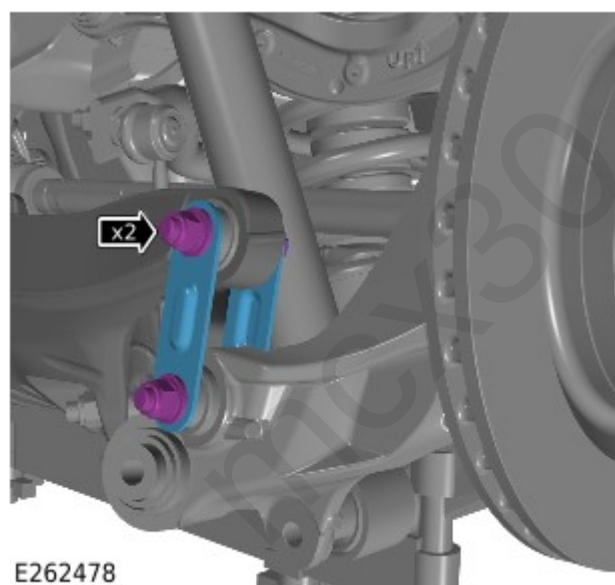
General Equipment: [Transmission jack](#)

5.



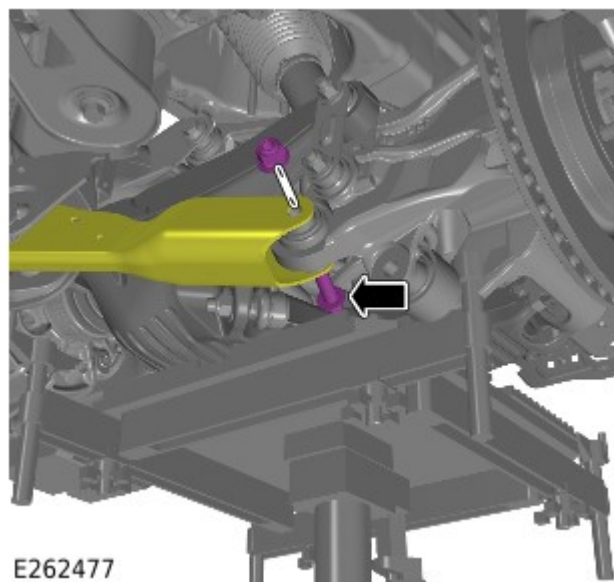
Remove and discard the shock absorber to wheel knuckle nut and bolt.

6.



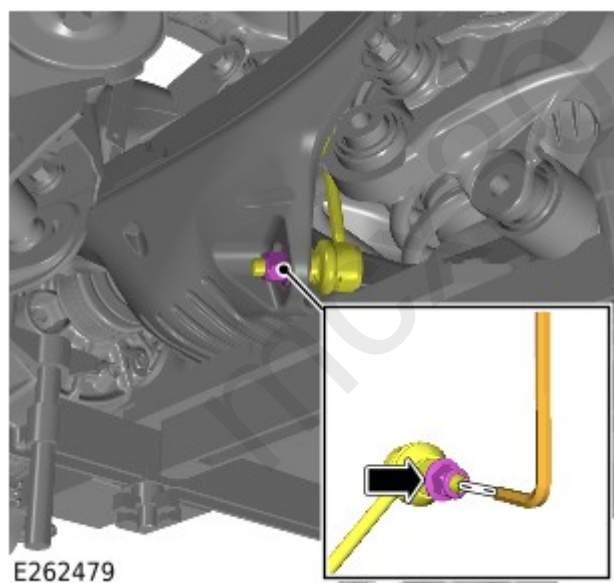
Remove and discard the 2 integral link nuts and bolts.

7.



- Remove and discard the tie-rod to wheel knuckle nut and bolt.
- Release the tie-rod from the wheel knuckle assembly.

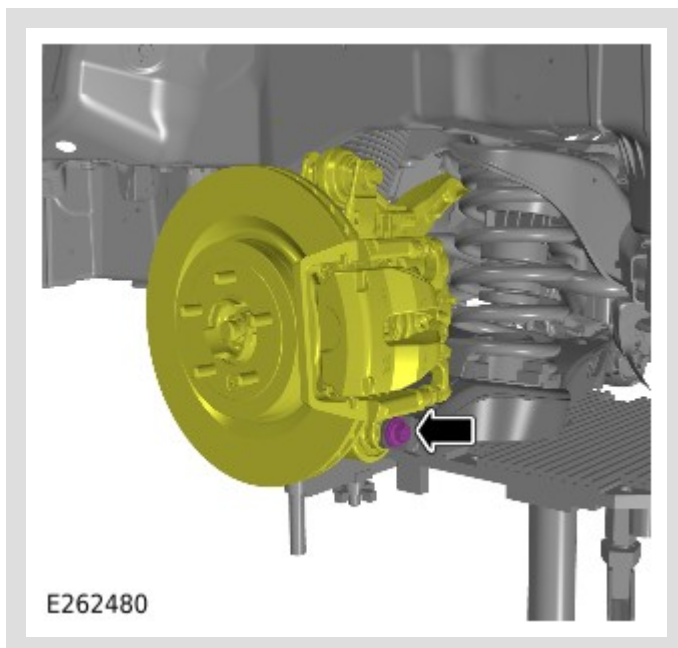
8.



- Remove and discard the nut.
- Release the stabilizer bar link from the lower control arm.

ⓘ CAUTION:

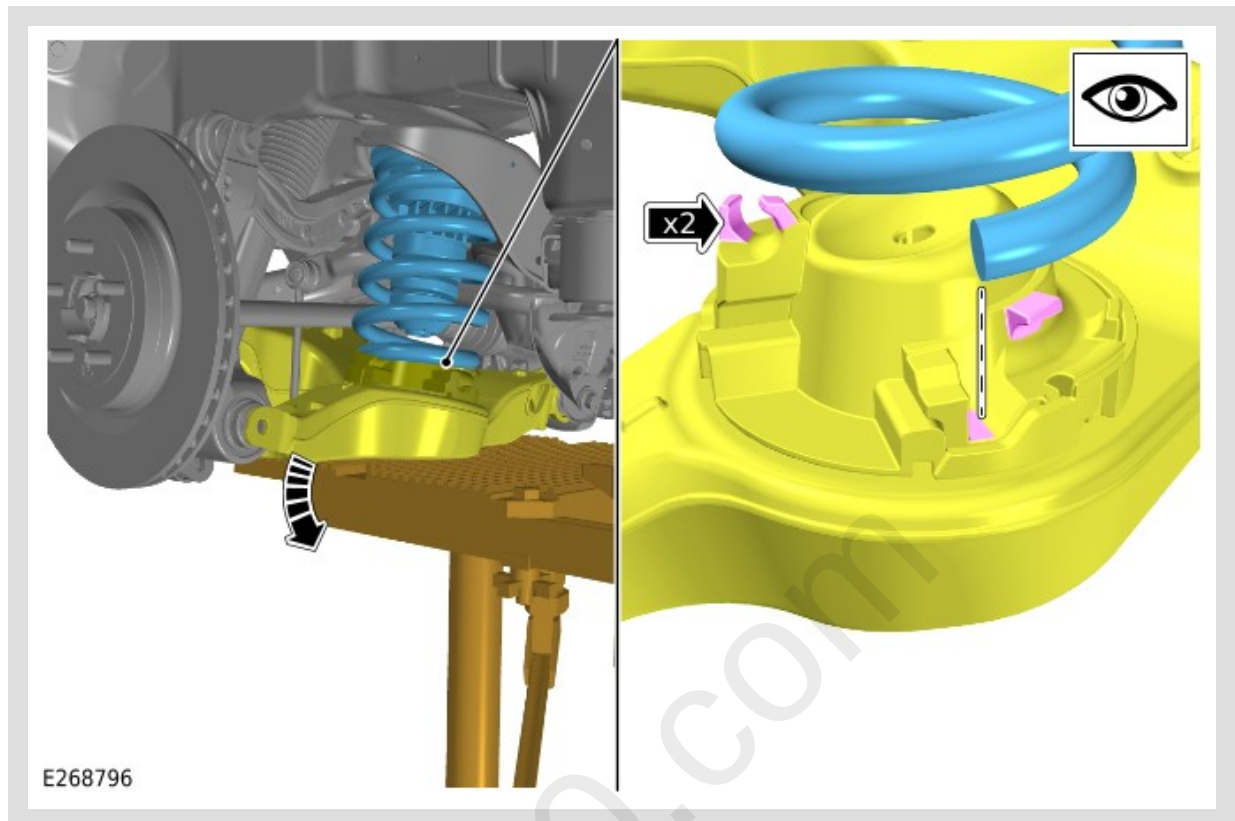
Make sure that during the release of the wheel knuckle assembly, the halfshaft is not released from the differential.



- Remove and discard the bolt.
- Release the wheel knuckle assembly from the lower control arm.

 NOTE:

Note the orientation of the component prior to removal.



- Carefully lower the transmission jack to release the coil spring.
General Equipment: [Transmission jack](#)
- Release the coil spring from the 2 isolator clips.
- Remove the coil spring.

INSTALLATION

1.



NOTE:

Make sure that this component is installed to the noted removal position.

- Install the coil spring.
- Install the 2 clips.
- Carefully reposition the lower control arm with the transmission jack.

General Equipment: [Transmission jack](#)

2.

- Install the wheel knuckle assembly.
- Install and tighten a new lower control arm to wheel knuckle bolt.

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

Torque

Stage1: **70Nm**

Stage2: **240°**

3.

- Reposition the stabilizer bar link.
- Install and tighten a new stabilizer bar link nut.

Renew Part: [Stabilizer bar link lower nut](#) *Quantity:* 1.

Torque: **185Nm**

4.

- Install and tighten 2 new integral link bolts and nuts.

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

Torque

Stage1: **50Nm**

Stage2: **180°**

5.

- Install the tie-rod to the wheel knuckle assembly.
- Install and tighten a new tie-rod to wheel knuckle nut and bolt.

Renew Part: [Tie-rod nut and bolt](#) *Quantity:* 1.

Torque

Stage1: **70Nm**

Stage2: **240°**

6.

Install and tighten a new shock absorber to wheel knuckle nut and bolt.

Renew Part: [Shock absorber to wheel knuckle mounting nut and bolt](#) *Quantity:* 1.

Torque: **170Nm**

7. Install the height sensor link.

8. Install the rear wheel and tire.

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

9. Use Jaguar Land Rover (JLR) approved wheel alignment equipment to inspect the wheel alignment and adjust if required.

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