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2020.0 DEFENDER (LE), 204-01

**FRONT SUSPENSION**

**FRONT WHEEL BEARING – VEHICLES WITH: 350MM  
BRAKE DISC/365MM BRAKE DISC** [G2424894]

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## REMOVAL AND INSTALLATION

### GENERAL EQUIPMENT

| EQUIPMENT NAME      |
|---------------------|
| Vise                |
| Vise jaw protectors |

### PART(S)

| STEP                | PART NAME           | QUANTITY |
|---------------------|---------------------|----------|
| Installation Step 1 | Wheel bearing bolts | 4        |

## REMOVAL

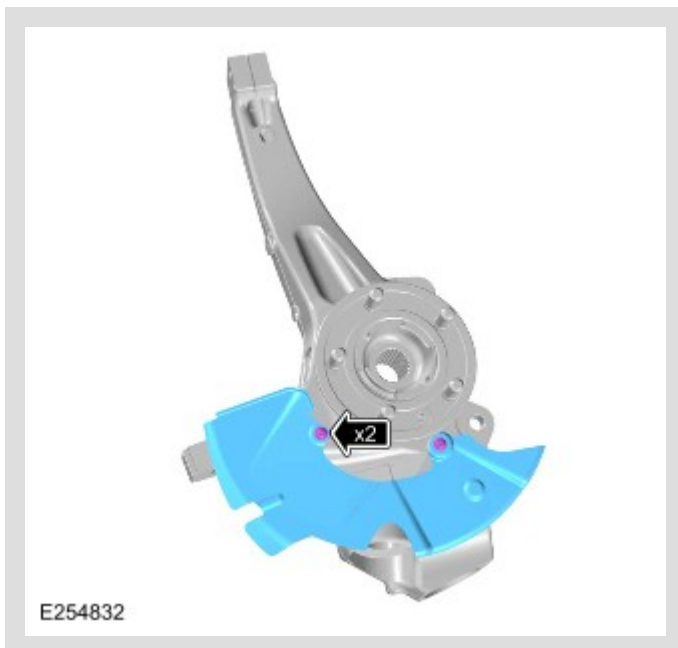


### NOTES:

- 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.
- If there are any signs of a lateral impact on any of the wheels, take the vehicle for a test drive, and assess for a noisy bearing. Also rotate the bearing of the corresponding wheel, and feel for any notchiness. If either of these tests indicate the potential presence of a problem, replace the bearing.

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 wheel knuckle.  
Refer to: [Wheel Knuckle](#) (204-01 Front Suspension, Removal and Installation).

3.

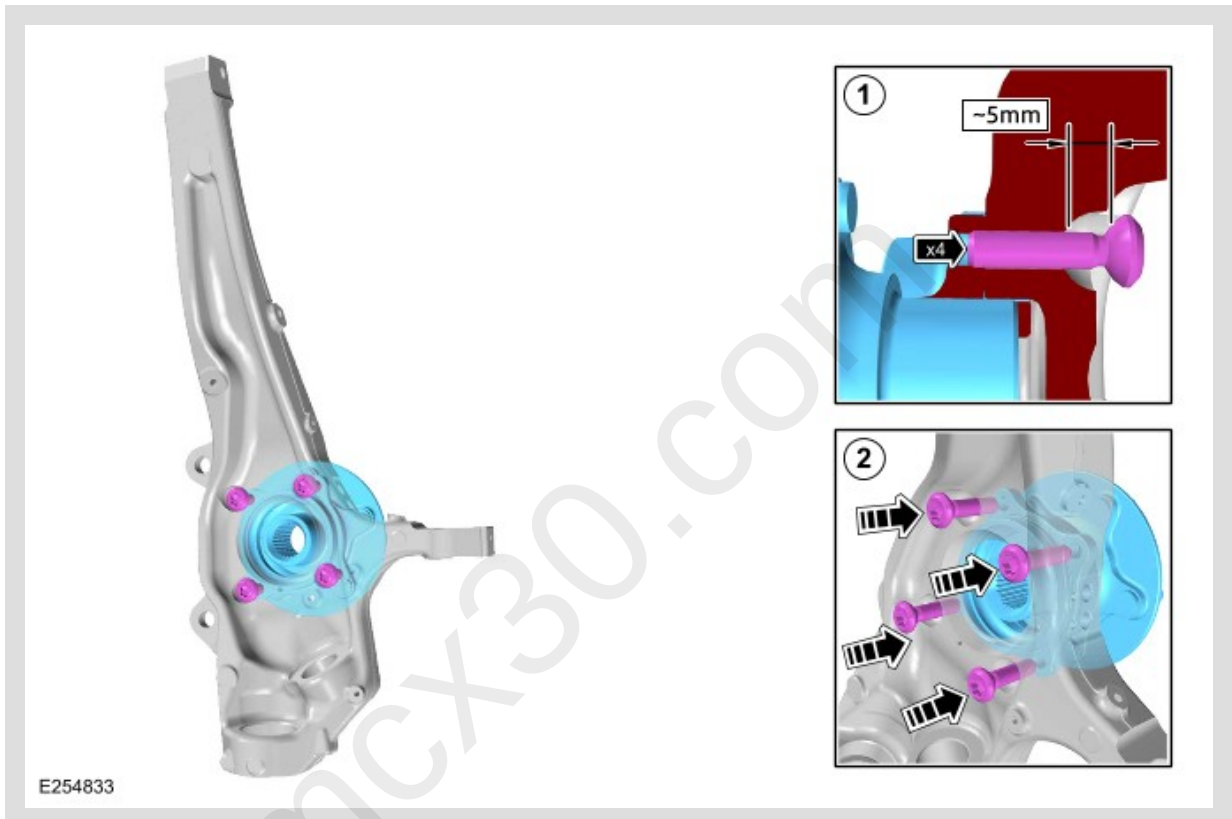


- Remove the 2 bolts.
- Remove the front brake disc shield.

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### ⚠ CAUTIONS:

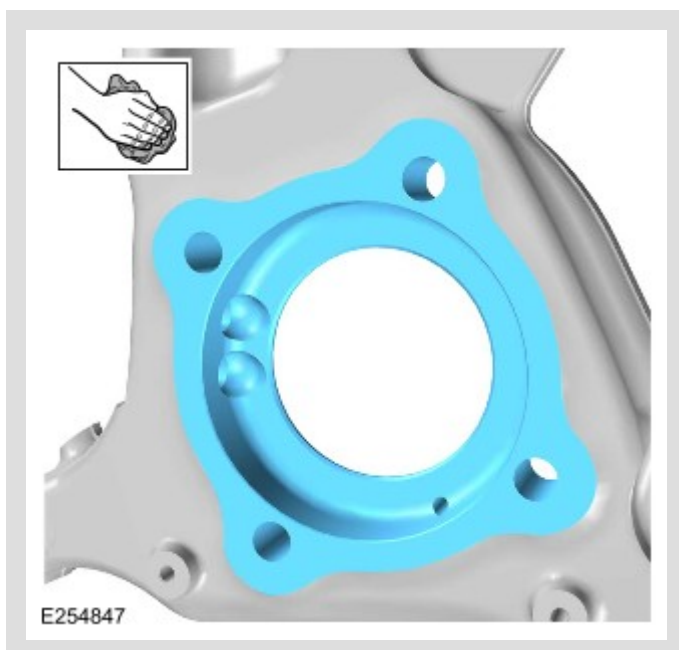
- Do not attempt to release the wheel hub and bearing assembly by hitting it directly with a hammer. Loosen the wheel hub retaining bolts as illustrated before applying an even amount of force to the head of each bolt to release the wheel hub from the wheel knuckle. Failure to follow this instruction may cause damage to the components.
- Make sure to restrain the wheel knuckle correctly. Failure to follow this instruction may cause damage to the component.
- Take extra care not to damage the component.



- Loosen, but do not remove the 4 bolts as illustrated.  
General Equipment: [Vise](#)  
General Equipment: [Vise jaw protectors](#)
- Release the wheel hub and bearing assembly.
- Remove the wheel hub and bearing assembly.
- Discard the wheel hub and bearing assembly retaining bolts.

**ⓘ CAUTION:**

Make sure that the mating faces are clean and free of corrosion and foreign material.



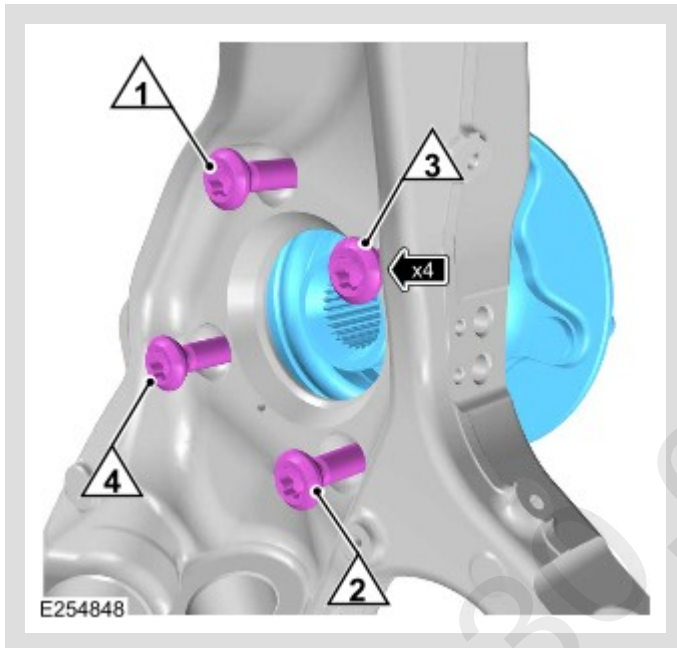
Clean and inspect the wheel knuckle for damage or deterioration.

## INSTALLATION

1.

### ⚠ CAUTIONS:

- Make sure to restrain the wheel knuckle correctly. Failure to follow this instruction may cause damage to the component.
- Take extra care not to damage the component.



- Install the wheel hub and bearing assembly.
- Tighten the 4 bolts in the sequence illustrated.

General Equipment: [Vise](#)

General Equipment: [Vise jaw protectors](#)

Renew Part: [Wheel bearing bolts](#) Quantity: 4.

Torque

Stage1: **30Nm**

Stage2: **60Nm**

Stage3: **90Nm**

Stage4: **120°**

2.

- Install the front brake disc shield.
- Install and tighten the 2 bolts.

Torque: **10Nm**

3.

Install the front wheel knuckle.

Refer to: [Wheel Knuckle](#) (204-01 Front Suspension, Removal and Installation).

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