

PUBLISHED: 11-NOV-2019
2020.0 DEFENDER (LE), 204-01

FRONT SUSPENSION

**FRONT WHEEL BEARING – VEHICLES WITH: 380MM
BRAKE DISC** (G2423919)

mcx30.com

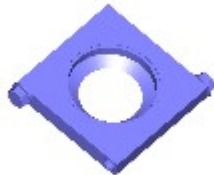
SPECIAL TOOL(S)



204-250

204-250

Wheel bearing install and removal tool



E117832

204-305

Remover, Wheel Bearing



E101990

204-726

204-726

Remover/Installer, Wheel Bearing



E136166

JLR-204-807

Installer, Front Wheel Bearing



E136165

JLR-204-808

Installer, Front Wheel Bearing

JLR-204-811



E148962

JLR-204-811

Support, Hub

GENERAL EQUIPMENT

EQUIPMENT NAME	
Copper Hammer	
Hydraulic press	
Punch	
Vise	

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 car 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.

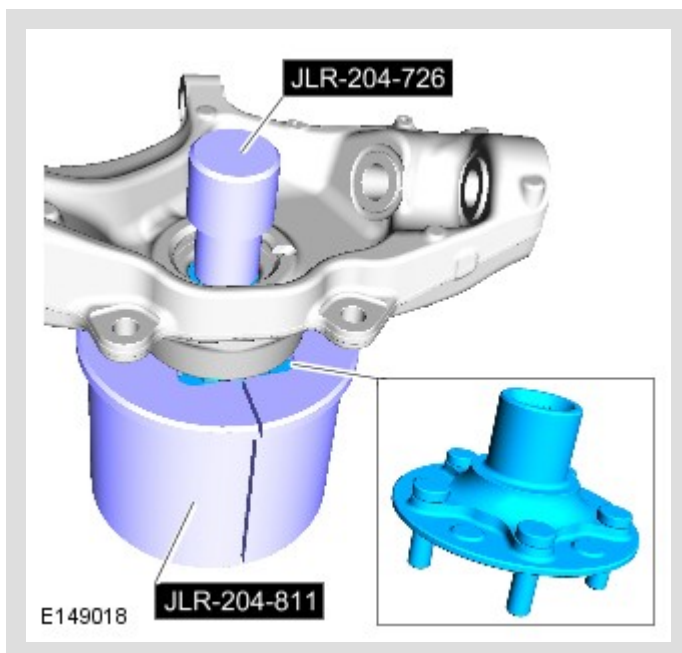
1. Raise and support the vehicle on a suitable 2-post lift.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

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



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

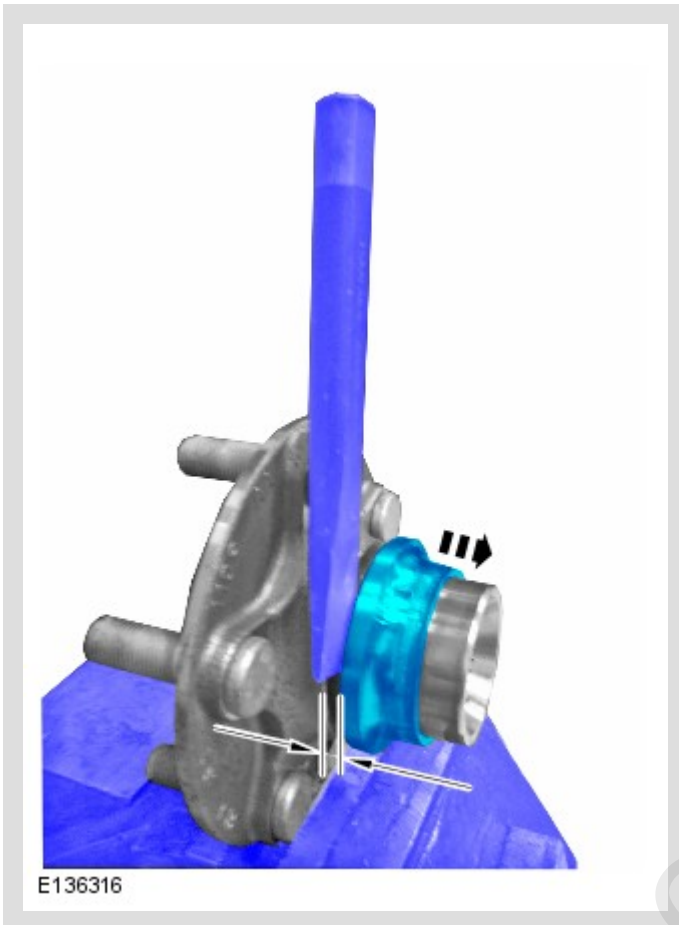
4.



Use the special tools to remove the wheel hub.

Special Tool(s): 204-726, JLR-204-811

General Equipment: Hydraulic press



Use a suitable tool to reposition the inner race of the wheel bearing to allow the special tool to be installed.

General Equipment: [Vise](#)

General Equipment: [Copper Hammer](#)

General Equipment: [Punch](#)

6.

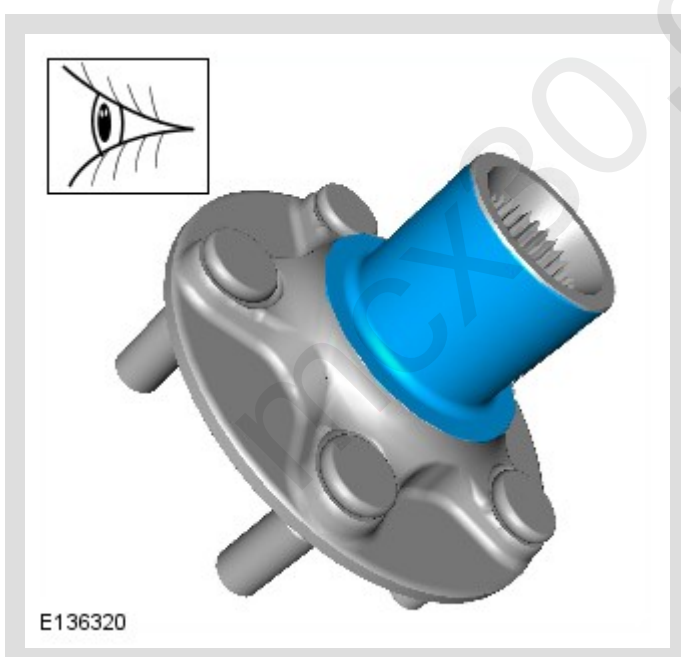


Use the special tool to remove the inner race of the wheel bearing.

Special Tool(s): [204-305](#)

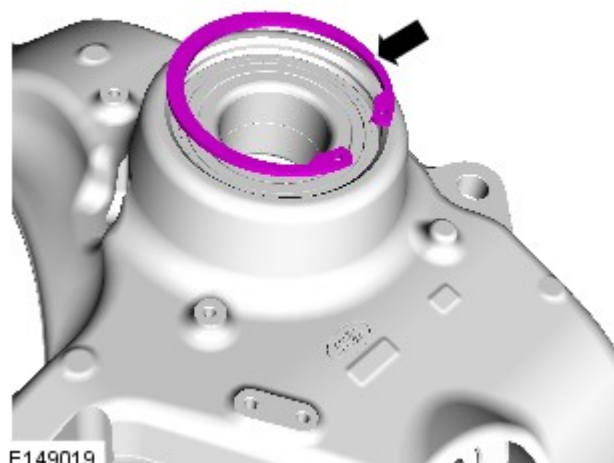
General Equipment: [Hydraulic press](#)

7.



Clean all the mating faces and reusable parts thoroughly and check for damage.

8.

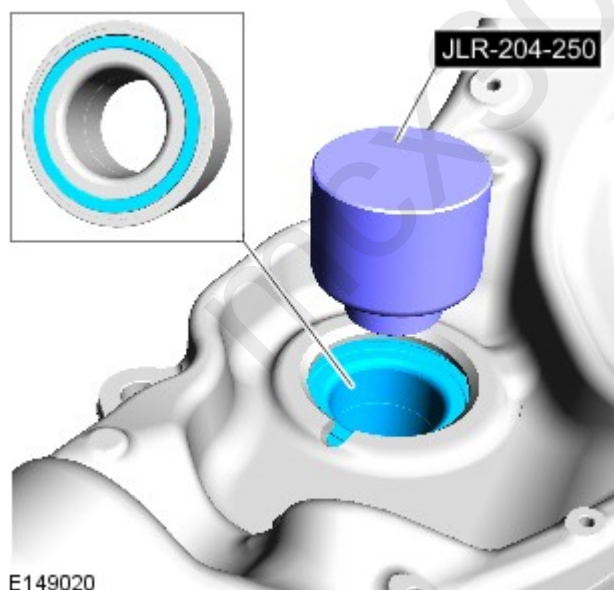


Remove the circlip.

9.

 **NOTE:**

Note the orientation of the component prior to removal.



Use the special tool to remove the wheel bearing.

Special Tool(s): [204-250](#)

General Equipment: [Hydraulic press](#)

INSTALLATION

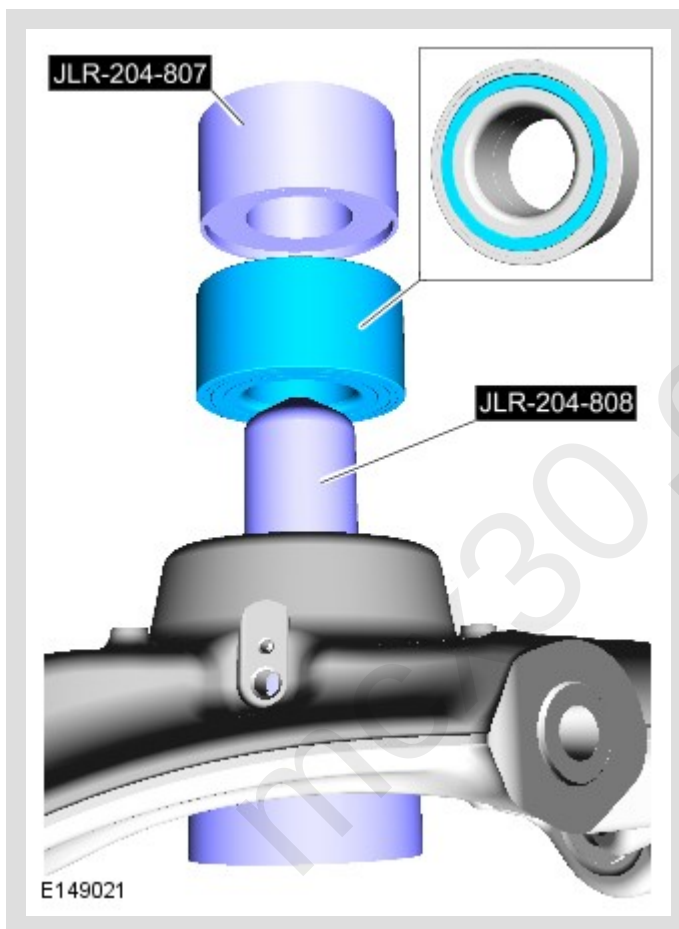
1.

⚠ CAUTION:

Make sure that the area around the component is clean and free of foreign material.

△ NOTE:

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

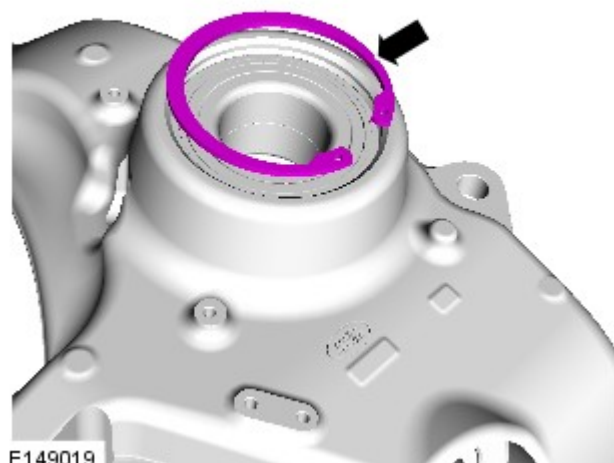


- Make sure the new wheel bearing is installed with the wheel speed sensor ring facing inward.
- Use the special tools to install the wheel bearing.

Special Tool(s): [JLR-204-808](#), [JLR-204-807](#)

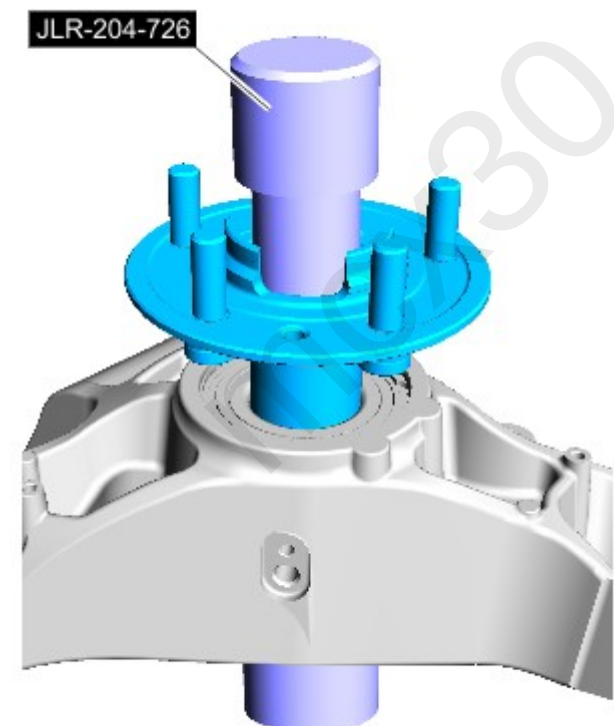
General Equipment: [Hydraulic press](#)

2.



Install the circlip with the gap towards the bottom the wheel knuckle.

3.



Use the special tools to install the wheel hub.

Special Tool(s): [204-726](#)

General Equipment: [Hydraulic press](#)

4.

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

Torque: 10Nm

5.

Install the wheel knuckle.

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

cmjjaGFyZG1vcnRvbjeyMDIwLTASLTZzVDA2OjQwQjMyUjQwMio7OTAuMTk5IjEyMS4xMTc7

mcx30.com