

PUBLISHED: 23-APR-2020
2020.0 DEFENDER (LE), 205-02

REAR DRIVE AXLE/DIFFERENTIAL

REAR HALFSHAFT SEAL (G1987037)

mcx30.com

SPECIAL TOOL(S)



E54135

100-012

Slide Hammer



E193517

100-012-01

Slide Hammer Adapter

308-005



E54134

308-005

Remover, Axle oil seal

308-626-1



E54136

308-626-1

Installer, Halfshaft Oil Seal

PART(S)

STEP	PART NAME	QUANTITY
Removal Step 5	Circlip	1

REMOVAL

⚠ CAUTION:

Before disconnecting any components, make sure the area is clean and free from foreign material. When disconnected all openings must be sealed.

**NOTE:**

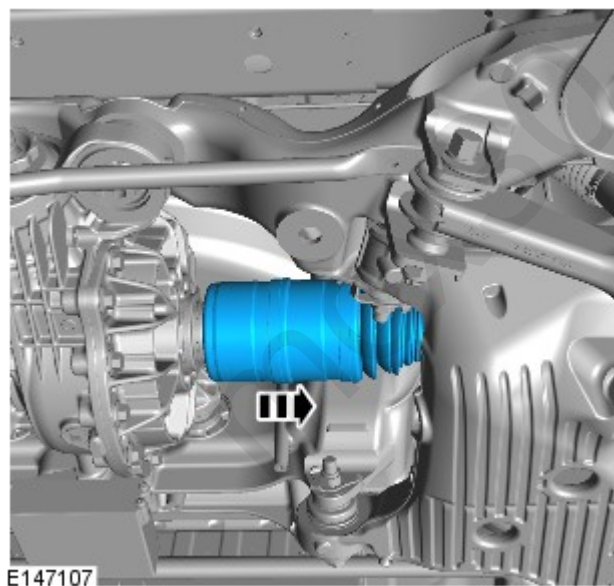
- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- This procedure contains illustrations showing certain components removed to provide extra clarity.
- Right side shown, left side similar.

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. Drain the rear differential.
Refer to: [Differential Draining and Filling](#) (205-02 Rear Drive Axle/Differential, General Procedures).

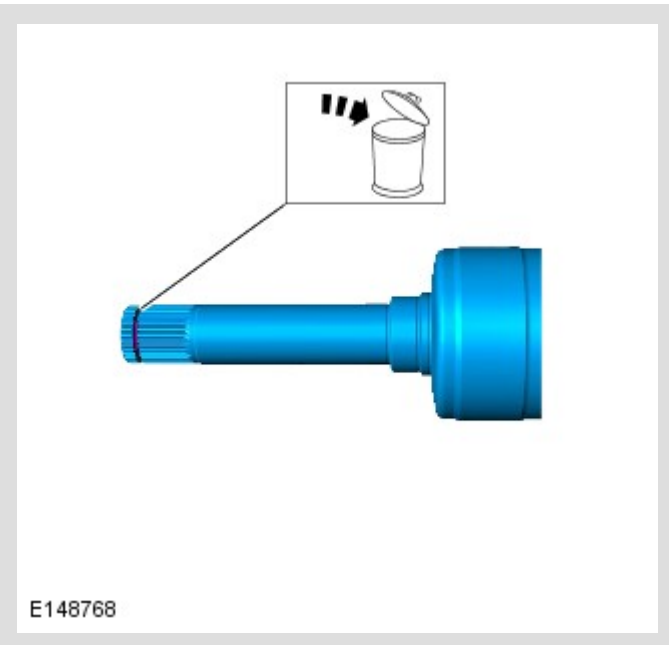
3. Remove the rear wheel knuckle.
Refer to: [Wheel Knuckle](#) (204-02 Rear Suspension, Removal and Installation).

4.



Remove the rear halfshaft.

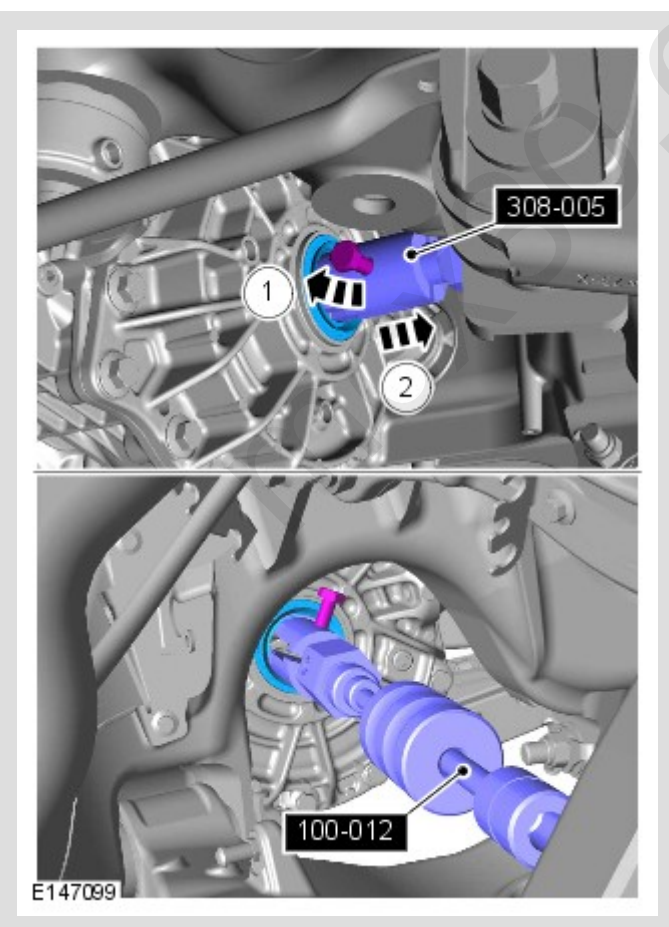
5.



Remove and discard the circlip.

Renew Part: *Circlip* Quantity: 1.

6.

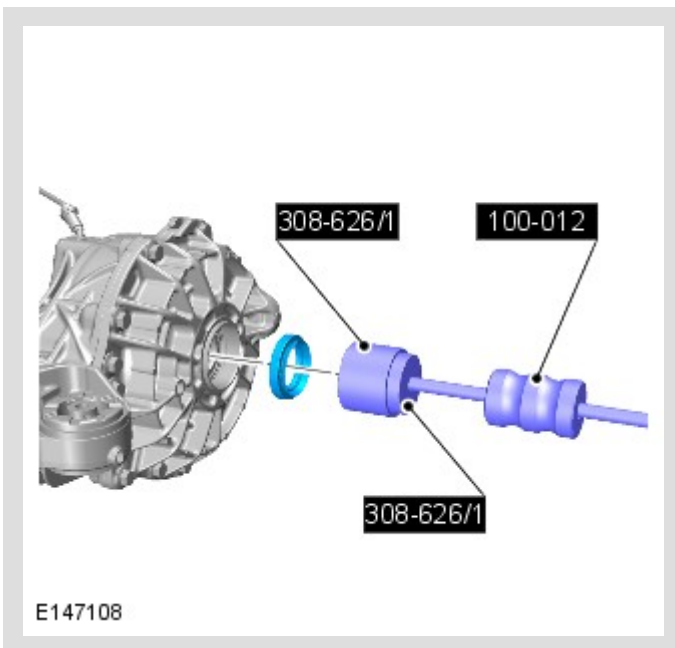


Use the special tools to remove and discard the rear halfshaft seal.

Special Tool(s): 308-005, 100-012

INSTALLATION

1.



- Clean the component mating faces.
- Use the special tools to install the new rear halfshaft seal.

Special Tool(s): [100-012-01](#), [308-626-1](#)

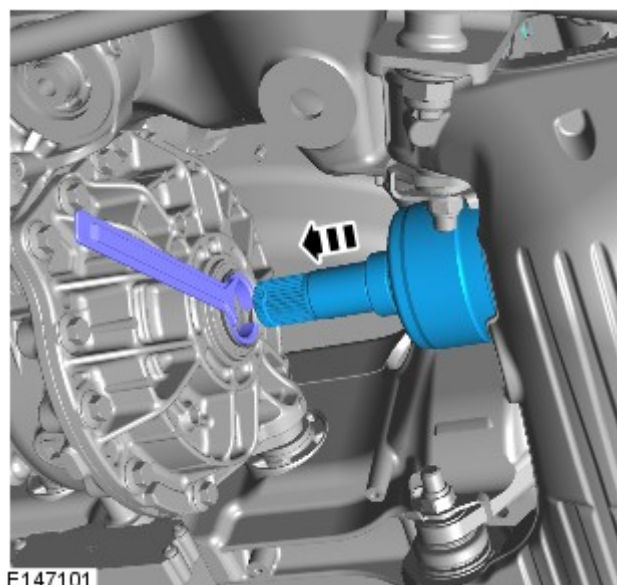
2.

Install a new circlip.

3.

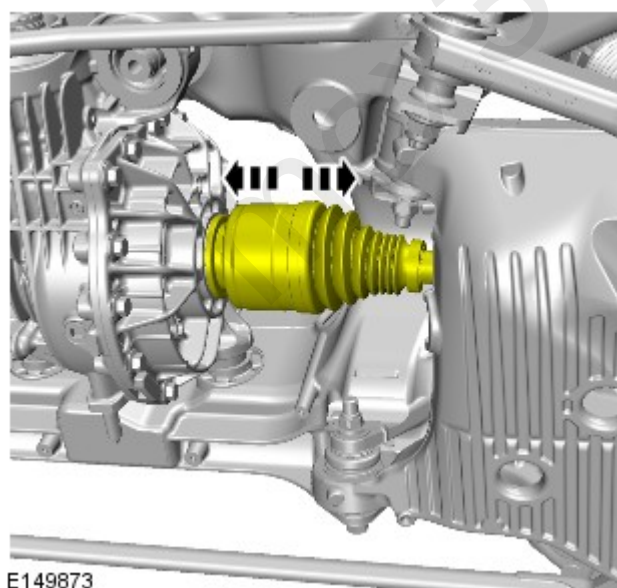
ⓘ CAUTION:

The seal protector must be left in place until the halfshaft has been installed.



- Install the oil seal protector.
- Install the rear halfshaft.

4.



Pull on the halfshaft inboard joint to make sure the clip has fully engaged and retains the halfshaft inboard joint within the differential case.

5.

Install the rear wheel knuckle.

Refer to: [Wheel Knuckle](#) (204-02 Rear Suspension, Removal and Installation).

6. Refill the rear differential.

Refer to: [Differential Draining and Filling](#) (205-02 Rear Drive Axle/Differential, General Procedures).

cmjjaGFyZG1vbnRvbjsyMDIwLTASLTExVDA3OE0JUmUwMTc7OTAwMTk5LjEyMS4xMTc7

mcx30.com