

PUBLISHED: 10-JAN-2020
2020.0 DEFENDER (LE), 206-04

REAR DISC BRAKE

BRAKE CALIPER – VEHICLES WITH: 325MM BRAKE DISC (G2423924)

mcx30.com

REMOVAL AND INSTALLATION

GENERAL EQUIPMENT

EQUIPMENT NAME
Jaguar Land Rover approved diagnostic equipment

PART(S)

STEP	PART NAME	QUANTITY
Installation Step 1	Electric park brake actuator fitting kit	1

REMOVAL

⚠ CAUTION:

Before the disconnection or removal of any components, make sure the area around joint faces and connections are clean. Plug any open connections to prevent contamination.

△ NOTES:

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

1.

- Connect the Jaguar Land Rover (JLR) approved diagnostic equipment and set the Integrated Power Brake to the assembly mode.

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

- Set the Electric Park Brake (EPB) to the maintenance position.

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

2.



WARNING:

Take extra care that the brake pedal is not pressed during the replacement procedure. Failure to follow this instruction might result in personal injury.



NOTE:

This step is only required if the JLR diagnostic equipment is not available.

Set the EPB to the maintenance position.

Refer to: [Electric Park Brake Service Mode Activation and Deactivation](#) (206-05 Parking Brake and Actuation, General Procedures).

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 rear wheel and tire.

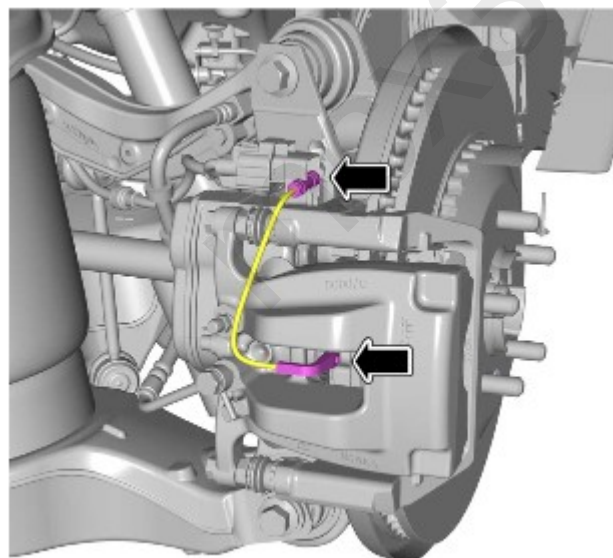
Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

5.



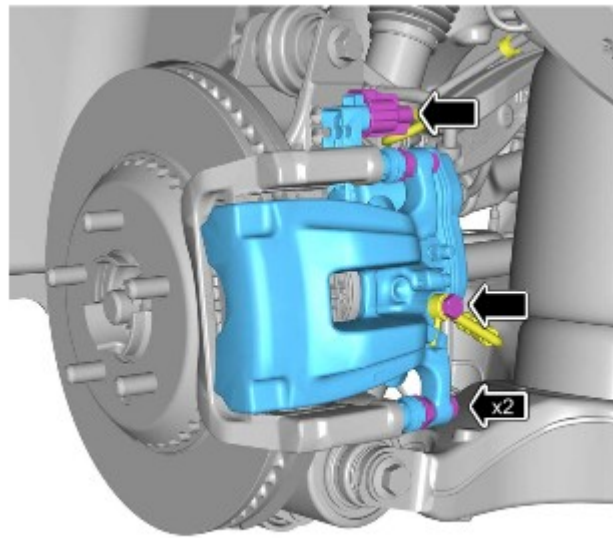
NOTE:

RH side only.



- Disconnect the brake pad wear sensor from the brake pad.
- Release the grommet.

6.



E254625

- Disconnect the electrical connector.
- Remove the 2 brake caliper slide pins.
- Remove the brake caliper.

7.

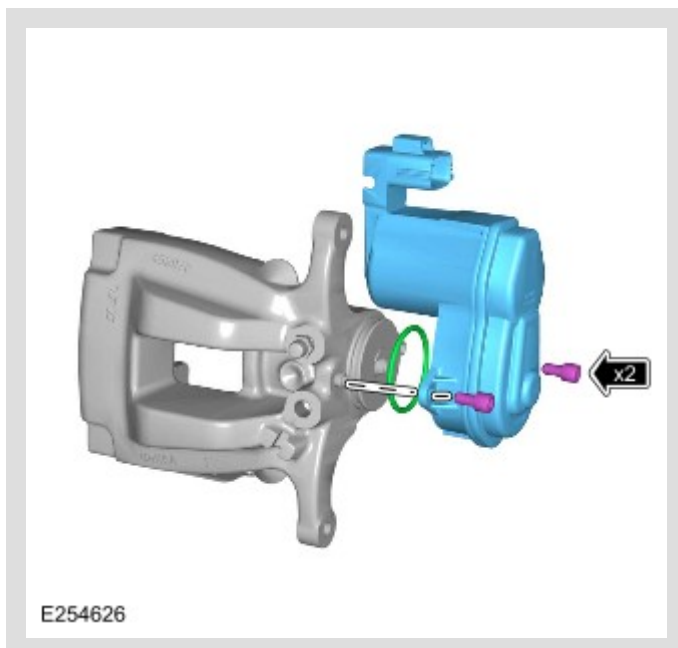
Remove and discard the brake hose.

Refer to: [Rear Brake Hose](#) (206-08 Brake Controls and Actuation, Removal and Installation).

8.

NOTE:

Only complete the following step(s) if a new component is to be installed.



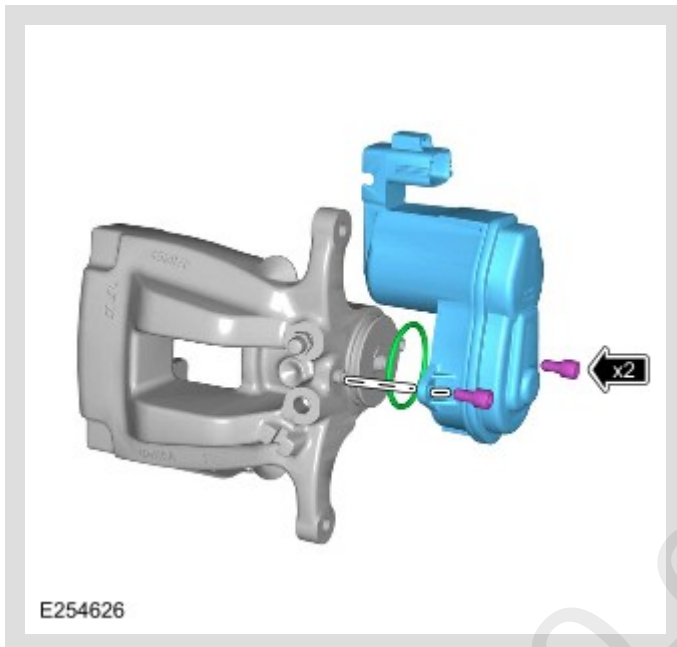
- Remove and discard the 2 bolts.
- Remove the EPB actuator from the brake caliper.
- Remove and discard the O-ring seal.

INSTALLATION

1.

NOTE:

Only complete the following step(s) if the component was previously removed.



- Install a new O-ring seal.
Renew Part: [Electric park brake actuator fitting kit](#) Quantity: 1.
- Install the EPB actuator to the brake caliper.
- Install and tighten the 2 new bolts.
Torque: 10Nm

2.

- Connect the EPB electrical connector.
- Install the brake caliper.
- Install and tighten the 2 brake caliper slide pins.
Torque: 35Nm

3.

Install the rear brake hose.

Refer to: [Rear Brake Hose](#) (206-08 Brake Controls and Actuation, Removal and Installation).

4.

 NOTE:

Right side only.

- Connect the brake pad wear sensor to the brake pad.
- Secure the brake pad wear sensor wiring harness.

5.

Bleed the brake system.

Refer to: [Brake System Bleeding Floating Caliper](#) (206-00 Brake System - General Information, General Procedures).

6.

Install the rear wheel and tire.

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

7.

 NOTE:

This step is only required if the JLR diagnostic equipment is not available.

Disable the EPB maintenance mode.

Refer to: [Electric Park Brake Service Mode Activation and Deactivation](#) (206-05 Parking Brake and Actuation, General Procedures).

8.

- Connect the JLR approved diagnostic equipment and disable the Integrated Power Brake assembly mode.
General Equipment: [Jaguar Land Rover approved diagnostic equipment](#)
- Calibrate the EPB using the JLR approved diagnostic equipment.
General Equipment: [Jaguar Land Rover approved diagnostic equipment](#)