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2020.0 DEFENDER (LE), 206-05

PARKING BRAKE AND ACTUATION

PARKING BRAKE RELEASE ACTUATOR (G2423938)

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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

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REMOVAL

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 Jaguar Land Rover (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).

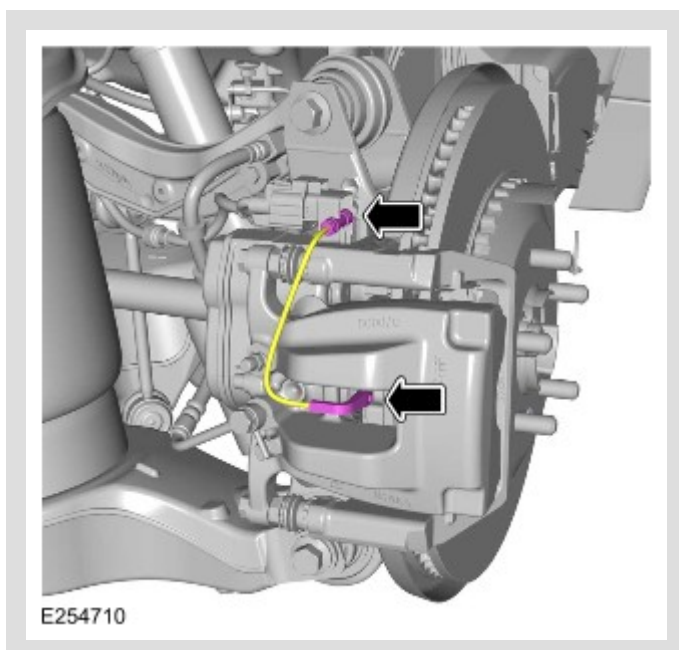
4.

Remove the rear wheels and tires.

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

 NOTE:

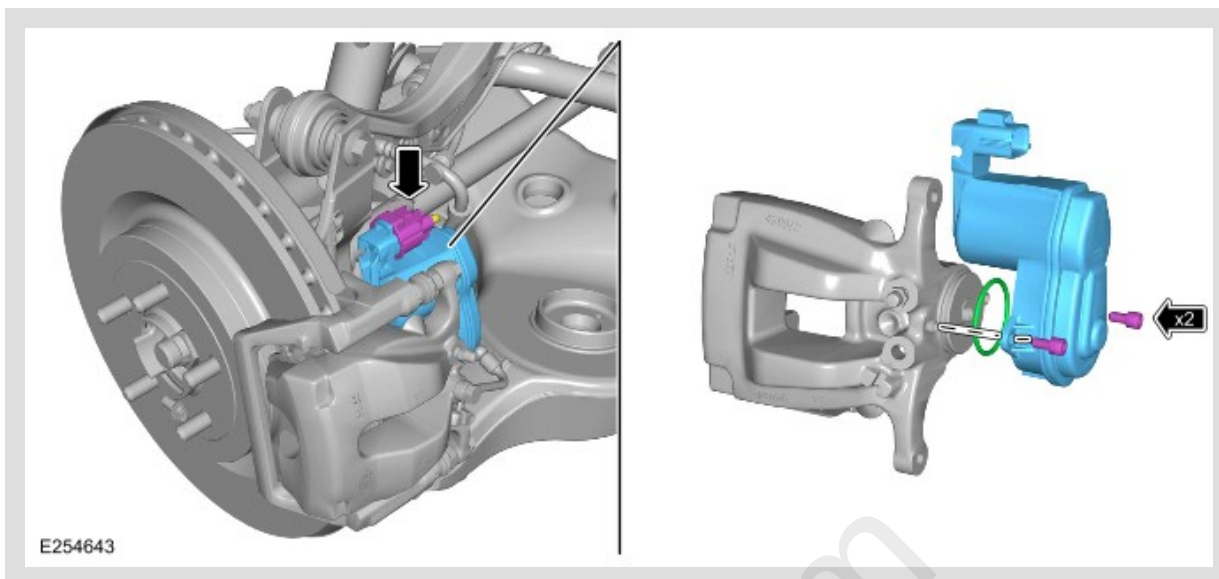
Right side only.



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

⚠ CAUTION:

Remove and discard the O-ring seal.



- Disconnect the electrical connector.
- Remove and discard the 2 bolts.
- Remove the EPB actuator.
- Remove and discard the O-ring seal.

INSTALLATION

1.

CAUTION:

Make sure that new bolts and a new o-ring seal is installed.

- 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
- Connect the electrical connector.

2.

NOTE:

Right side only.

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

3.

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).

4.

- 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](#)

5.

Install the wheel and tire.

Refer to: Wheel and Tire (204-04, Removal and Installation).