

BMW i8 EMF PARKING BRAKE ACTUATOR



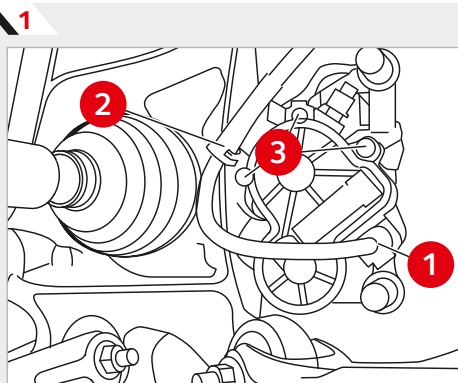
BRAKE PADS

REMOVAL

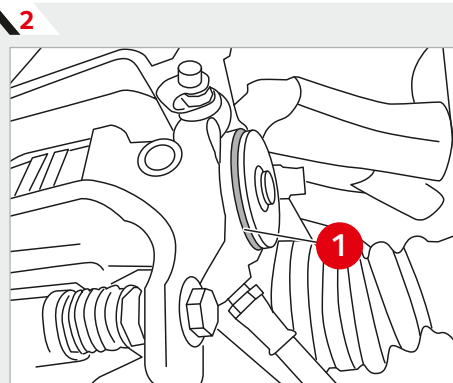
- Position vehicle onto a lift.
- Release the handbrake.
- Switch off ignition at least 30 seconds before disconnecting the electric plug.
- Remove the rear wheels.
- Disconnect the electric plug (Picture 1, n° 1).
- Detach cable from cable clip (Picture 1, n° 2).
- Release screws (Picture 1, n° 3).
- Take off holder.
- Pull off actuator drive from brake caliper.

ASSEMBLY

- Check sealing ring (Picture 2, n° 1), replace if necessary. Apply a light coating of brake fluid to sealing ring (Picture 2, n° 1) before fitting.
- Carefully fit actuator drive until teeth engage and actuator drive fits tightly on brake caliper.
- If necessary, turn actuator drive slightly until bore hole and thread engage completely.
- Tighten screws on caliper and cable clip, Use new screws. Tightening torques:
 - EMF actuator to brake caliper, 8Nm.
 - Reconnect plug connection and cable clip. Use new screws. Torque: Cable clip to brake caliper 14Nm.
- After installation, switch on ignition and, using parking brake operating element, open parking brake once, close once and open again.



1
DISCONNECT THE ELECTRIC PLUG



2
CHECK SEALING RING

WARNING



- Switch off ignition at least 30 seconds before disconnecting the plug connection!
- When working on rear brakes, ensure that the push button for the electrical parking brake cannot be activated. To be completely sure the handbrake cannot be activated, the service function 'workshop mode' must be run with diagnostic equipment. This opens the handbrake and disables it temporarily.

www.ferodo.com

BMW i8 EMF PARKING BRAKE ACTUATOR

SAFETY INFORMATION FOR HANDLING ELECTRIC/HYBRID VEHICLES:

WARNING



HIGH-VOLTAGE SYSTEM - DANGER TO LIFE

Each job on the vehicle must be assigned by properly trained personnel. Before work is started, this person must place the vehicle in the operating condition required to perform the relevant activity. The instructions and directions given by this person must be followed. No work may be carried out without this qualified person being consulted first.

HOW TO KEEP YOUR TECH STILL ON TREND



For more information on Garage Gurus, to further your automotive education, or to join the growing community, visit www.fmgaragegurus.eu or send an e-mail to garage-gurus@fmmotorparts.eu

www.ferodo.com

The content contained in this article is for informational purposes only and should not be used in lieu of seeking professional advice from a certified technician or mechanic. We are not liable for any damages resulting from your reliance on this content.

Ferodo® is a registered trademark of Federal-Mogul LLC or one or more of its subsidiaries in one or more countries. 