

febi 108430, 108480, 116317, 116422, 170664



To Fit:

Mazda 6, Mazda CX-5 equipped
with electronic parking brake (EPB)



EN

Rear brake pads, Rear brake discs

Problem

When replacing the rear brake pads and/or the rear brake discs, the vehicle is required to be set into maintenance mode. By doing this, the EPB motor gear unit will operate and allow the brake pistons to be pressed in for brake maintenance purposes.

Cause

When the EPB is applied, the EPB system detects the current brake disc position and automatically adjusts it to the optimum EPB release position (brake pad to disc clearance).

Failure to carry out the correct procedure (i.e. initially setting the vehicle into maintenance mode) will potentially cause an operational problem with the EPB system.

Solution

When performing repairs and maintenance to the rear brakes on the vehicles listed above, it is important to set the vehicle into maintenance mode as explained on the following page.

Caution: If performing this procedure while the vehicle is on the ground, block the front and rear wheels using wheel blocks. Failure to do this may result in the vehicle moving when the electric parking brake is released.

The EPB system will not work if the battery voltage is insufficient. Therefore, it is advised to use a battery support unit while carrying out this operation.

For more technical information please visit: partsfinder.bilsteingroup.com

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Setting to maintenance mode.

1. Switch the ignition ON (engine off).
2. Release the electric parking brake.
3. Switch the ignition off, and then switch the ignition ON (engine off) within 5 seconds while maintaining the following conditions.
 - Press the electric parking brake switch.
 - Depress the accelerator pedal fully.
4. Verify that the electric parking brake warning light is illuminated in an amber colour and the mode is switched to maintenance mode.
5. Switch the ignition off.

Carry out all necessary repairs or replacement of the rear brakes.

Ending maintenance mode

1. Switch the ignition ON (engine off).
2. Switch the ignition off, and then switch the ignition ON (engine off) within 5 seconds while maintaining the following conditions.
 - Pull-up the electric parking brake switch.
 - Depress the accelerator pedal fully.
3. Verify that the electric parking brake warning light turns off and the maintenance mode is ended.
4. Switch the ignition off.

After all repairs have been completed, check the EPB operation when the engine is running or with a fully charged battery (engine off).

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