

## Brake Service Mode Activation and Deactivation



### Activation

**⚠ WARNING:** Service actions on vehicles equipped with electronic parking brakes may cause unexpected parking brake application, which could result in injury to hands or fingers. Put the electronic parking brake system into service mode prior to servicing or removing rear brake components. Failure to follow this instruction may result in serious personal injury.

**⚠ WARNING:** Service actions on vehicles equipped with electronic brake booster without activating the brake system service mode may result in unexpected hydraulic brake application or a false leak detection DTC. This will significantly reduce the performance of the brake system. Failure to follow this instruction may result in serious personal injury.

**NOTICE:** The brake system performance will be significantly reduced when the brake system is put in service mode.

**NOTE:** Brake service mode is also known as brake maintenance mode.

**NOTE:** Make sure the brake calipers are aligned before entering service mode.

**NOTE:** Activation of this mode will cause associated brake warning indicators and text messages to appear. Deactivation will extinguish them.

**NOTE:** When replacing front or rear brake pads, AFTER activation of Brake Service Mode, brake caliper pistons MUST be fully pushed back into the caliper housing using the tool recommended in the repair procedure prior to installing new pads. The piston of the electronic parking brake rear brake caliper DOES NOT require rotating while pushing it other than if when fully back, alignment of features in the brake are indicated in the repair procedure.

**NOTE:** Deactivation of this mode may set an associated DTC (B1111:53). **This is normal and not a fault.**

### Vehicles With: Electric Parking Brake

**NOTICE:** The electronic parking brake will not function while Brake Service Mode is active.

**NOTICE:** Brake Service Mode must be deactivated in order to complete the repair and return full system function.

1. Activation of Brake Service Mode is required for any repair related to the electronic parking brake or the rear brake to:
  - Return the EPB system to its original reference position so that the system will correctly calibrate when the repair is complete.
  - Prevent unintended operation of the parking brake system during any related repair.
  - **NOTICE:** Failure to activate Brake Service Mode prior to commencing any repair action related to the electronic parking brake system or the rear brake and its components may result in:
    - Unexpected operation of the parking brake, which could result in serious personal injury.
    - Incorrect operation of the electronic parking brake once the repair is complete.
    - The setting of DTCs that could lead to unnecessary further repair.

### Vehicles With: Electric Brake Booster

2. **NOTICE:** The electronic parking brake will not function while Brake Service Mode is active.

**NOTICE: Brake Service Mode must be deactivated in order to complete the repair and return full system function.**

Activation of Brake Service Mode is required for any repair related to the hydraulic brake system and its components (including bleeding of the system) to:

- Deactivate the electronic brake booster and its functions including in-built leak detection.
- Prevent unintended operation of the brake hydraulic system during any repair related to the system.
- **NOTICE: Failure to activate Brake Service Mode prior to commencing any repair or service action related to the hydraulic brake system and its components may result in:**
  - Unexpected operation of the hydraulic brake system, which could result in serious personal injury.
  - The inability to correctly bleed the brake hydraulic system and its components.
  - Incorrect operation of the hydraulic brake system once the repair is complete.
  - The setting of DTCs that could lead to unnecessary further repair.

## All vehicles

3. **NOTE:** Prior to activating Brake Service Mode, all EPB and EBB related DTCs MUST be cleared.

**NOTE:** The SAME METHOD for activation and deactivation MUST be used (i.e. FDRS/FDRS or Manual/Manual)

**NOTE:** The presence of warning lamps and messages in the instrument cluster confirms Service Mode activation (FDRS does not give confirmation).

### FDRS Activation

1. Select "Toolbox".
2. Select "ABS – Electronic Parking Brake (EPB) Service Tools".
3. Select "Enter Park Brake Maintenance Mode".
4. Follow instruction provided.

### 4. Manual Activation

1. Turn ignition ON.
2. Press/push EPB switch whilst pressing brake pedal to release electronic parking brake.
3. Release brake pedal and EPB switch.
4. Hold down accelerator pedal and PRESS EPB switch.
5. CONTINUE to hold down accelerator pedal AND press EPB switch.
  - Turn ignition OFF and BACK ON within 5 seconds,
  - Turn ignition OFF.
6. Release accelerator pedal and EPB switch.
7. Turn ignition ON.

## Deactivation

1. **NOTE:** The lack of presence of warning lamps and messages in the instrument cluster confirm Service Mode deactivation (FDRS does not give confirmation).

### FDRS Deactivation

1. Select "Toolbox".
2. Select "ABS – Electronic Parking Brake (EPB) Service Tools".
3. Select "Exit Park Brake Maintenance Mode".
4. Follow instruction provided.

2. **NOTE:** When Brake Maintenance Mode is deactivated, the yellow Parking Brake and red Brake Warning indicators will turn off and "Brake Maintenance Mode" no longer displayed in the message centre.

**NOTE:** Correct deactivation of this mode may set an associated DTC (B1111:53). This is normal and not a fault and will self-clear after a period of time.

### Manual Deactivation

1. Turn ignition ON.
2. Press and HOLD DOWN accelerator pedal and PULL EPB switch.
3. CONTINUE to hold down accelerator pedal AND pull the EPB switch.
  - FIRMLY press brake pedal and HOLD for at least ONE second
  - Release brake pedal.
  - Turn ignition OFF and back ON within 5 seconds.
  - Release the accelerator pedal and EPB switch.

- Turn ignition ON.

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