

# BMW Z series E89, X series E70, E71, E72 and F chassis series electronic brake pad replace function

For car models with EPB (Electrical Park Brake), wheel cylinders should be released and retracted and the brake pad should be replaced using a dedicated computer. The following describes how to replace the electronic brake pad for BMW chassis using X431.

## I. BMW Z series E89, X series E70, E71, E72

 Menu

Vehicle Identification

Manually Select

Coding/Program

CBS reset

I Series

X Series

Z Series

MINI

Diagnostic Socket Location

 Menu

3' /Z1\_E30

3' /Z3\_E36

Z4\_E85/E86

Z4\_E89

Z8\_E52

Drive

Chassis

Body

Short Test

Coding/Program

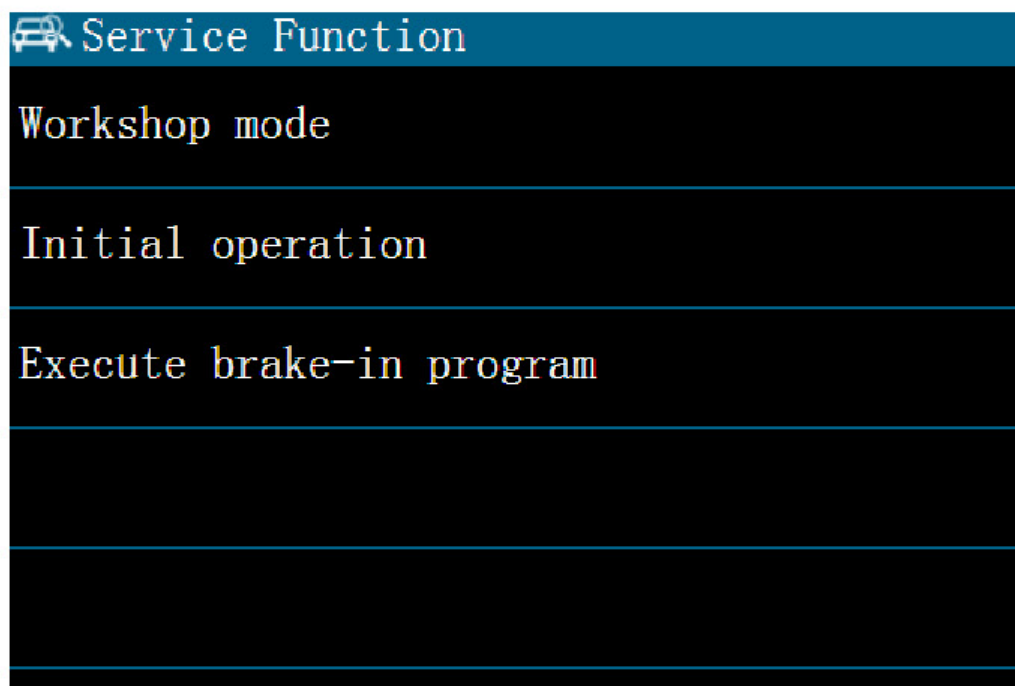
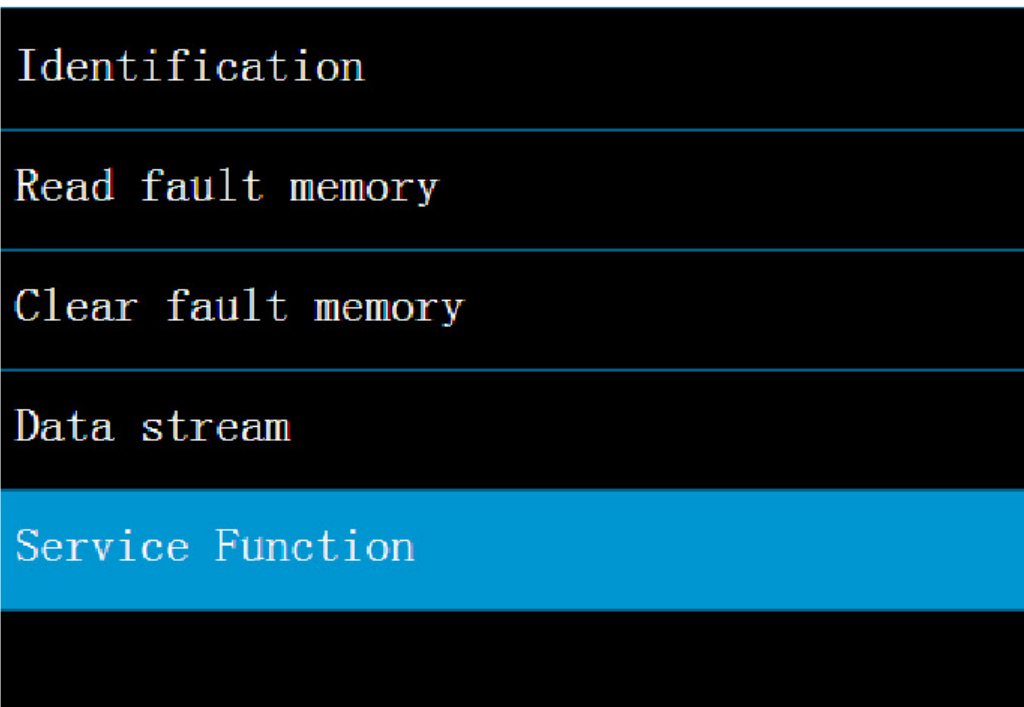
DSC [Dynamic Stability Control]

EDC [Damper Control]

EMF [Parking brake]

EPS [Electronic Power Steering]

RDC [Tyre pressure control]



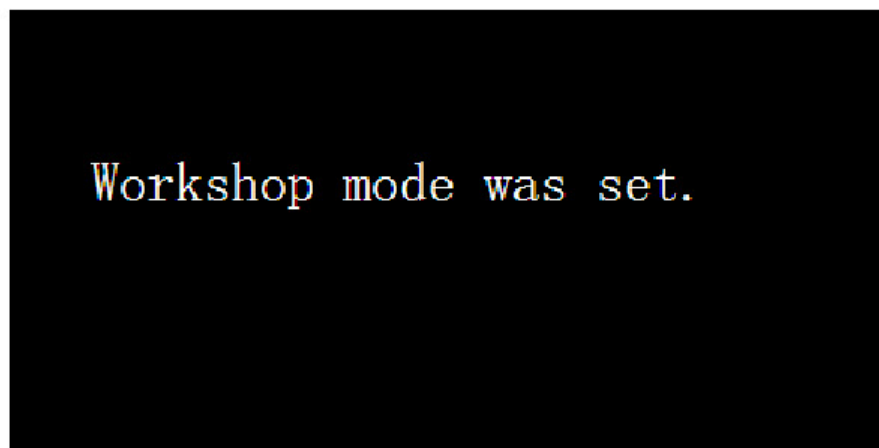
1. Release wheel cylinder: Select Workshop mode. You can replace the brake pad as prompted.

|                                      |  |
|--------------------------------------|--|
| Selection:                           |  |
| [1] Description of the parking brake |  |
| [2] Perform WorkShop mode            |  |
|                                      |  |
|                                      |  |
|                                      |  |
|                                      |  |

Select [2] Perform WorkShop mode.

|                          |  |
|--------------------------|--|
| Selection:               |  |
| [1] Set workshop mode    |  |
| [2] Cancel workshop mode |  |
|                          |  |
|                          |  |
|                          |  |

Select [1] Set workshop mode. You can hear a sound.



You can replace the brake pad.

2. After replacing the brake pad, perform initial operation.

|                                      |  |
|--------------------------------------|--|
| Selection:                           |  |
| [1] Description of the parking brake |  |
| [2] Perform Initial operation        |  |
|                                      |  |

Select [2] Perform Initial operation.

Function check:  
 Attention! Application noise is very quiet.

- Terminal 15 OFF
- Terminal 15 ON
- Press brake pedal forcefully
- Keep brake pedal pressed
- Apply parking brake (pull button)
- Release parking brake button (press)

Was application and release of parking brake recognised?

Select Yes. You can hear a sound.

Start-up was completed successfully.

3. After replacing the brake pad, reset the corresponding brake pad in the CBS service.

## II. BMW new chassis F series F01, F10, F18

1 Series

2 Series

3 Series

4 Series

5 Series

6 Series

7 Series

8 Series

5' \_E28

5' \_E34

5' \_E39

5' \_E60/E61

5' \_GT (F07)

5' \_F10/F11/F18

Drive

Chassis

Body

Short Test

Coding/Program

SME [Accumulator management electronics]

AL [Active steering]

ICM [Integrated chassis management]

RDC [Tyre pressure control]

DSC [Dynamic Stability Control]

EMF [Parking brake]


HSR [Rear-axle slip-angle control]

EPS [Electronic Power Steering]




|                    |
|--------------------|
| Identification     |
| Read fault memory  |
| Clear fault memory |
| Data stream        |
| Service Function   |
|                    |
|                    |

### Mode 1

|  |
|--|
|  Service Function |
| Bedding-in procedure   |
| Initial operation  |
| Workshop mode  |

The operation mode is the same as that of E series: Release wheel cylinder, perform workshop mode, retract wheel cylinder, and perform initial operation. Reset the brake pad in the CBS service after replacing it.

### Mode 2

|  |
|--|
|  Service Function |
| EMF workshop mode  |
| Initial operation  |
|  |

|  |  |
|--|--|
| Which function do you wish to perform?   |  |
| Selection:                               |  |
| [1] Activate the installation position   |  |
| [2] Deactivate the installation position |  |
| [3] End test module                      |  |

[1] Activate the installation position indicates releasing wheel cylinder, and [2] Deactivate the installation position indicates retracting wheel cylinder. Perform operations strictly as prompted. Reset the brake pad in the CBS service after replacing it.

LAUNCH