Service Information Brake Pad Wear Indicator BMW model series F10/F11

Data sheet	
Manufacturer	BMW
Model series	F10 / F11
Note	Service information - Brake pad wear indicator

Important safety note

Technical information and practical tips have been compiled by #### in order to provide professional support to vehicle workshops in their day-to-day work. The information provided on this website is intended for use by suitably qualified personnel only.Reprinting, distribution, reproduction, exploitation in any form or disclosure of the contents of this document, even in part, is prohibited without our express, written approval and indication of the source. The schematic illustrations, pictures and descriptions serve only for the purposes of explanation and representation of the instructions and cannot be used as a basis for installation or assembly work. All rights reserved.

Replacing the warning contacts of the brake pad wear indicator

The BMW maintenance system Condition Based Service (CBS) monitors all systems necessary for operational safety. Sensors and special software programs determine the current and future maintenance requirements based on the vehicle operating conditions. This monitoring also includes wear of the brake pads at the front and rear axles. In order to ensure the fault-free function of the CBS system when calculating the brake pad thickness, the warning contacts of the brake pad wear indicator must also be replaced when replacing the disc brake pads.

Brake pad wear indicator warning contacts

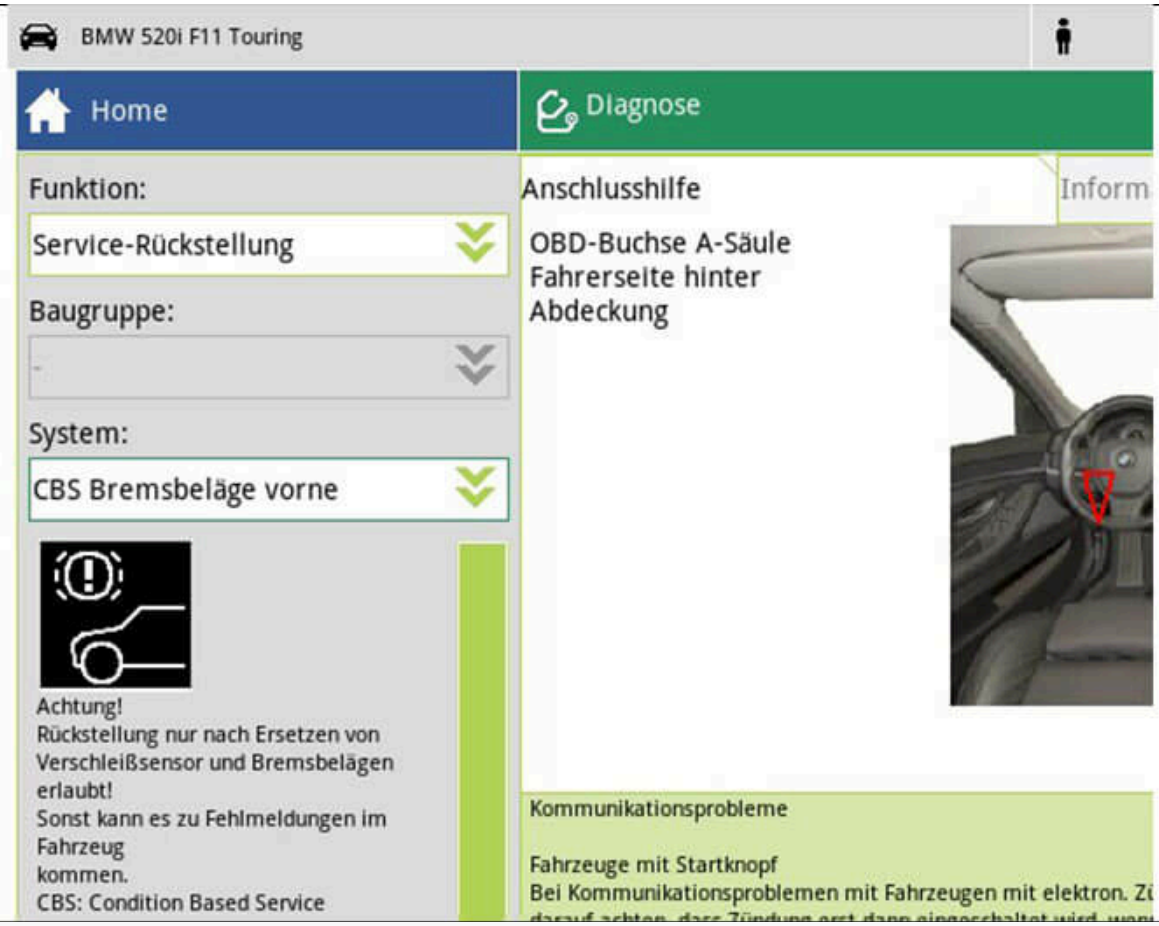
Resetting service intervals

CBS reset using the diagnostic unit

Service reset using the example of a mega macs 66 diagnostic unit.

1. Connect the diagnostic unit2. Carry out vehicle identification3. Switch on the ignition4. Select the function 'Service reset'5. Select 'CBS brake pads' system at front or rear6. Carry out reset

Follow the corresponding instructions for using the diagnostic unit.



CBS reset with the diagnostic device

Manual reset

The manual reset is carried out at the instrument cluster.

A reset is only possible if there are no Check Control messages and the on-board data is correctly set.

1. Switch on the ignition

Wait until the time and temperature are displayed

2. Press on the trip mileage reset button (1) until the 1st service scope appears in the display

3. The desired service scope is selected through pressing the button repeatedly.

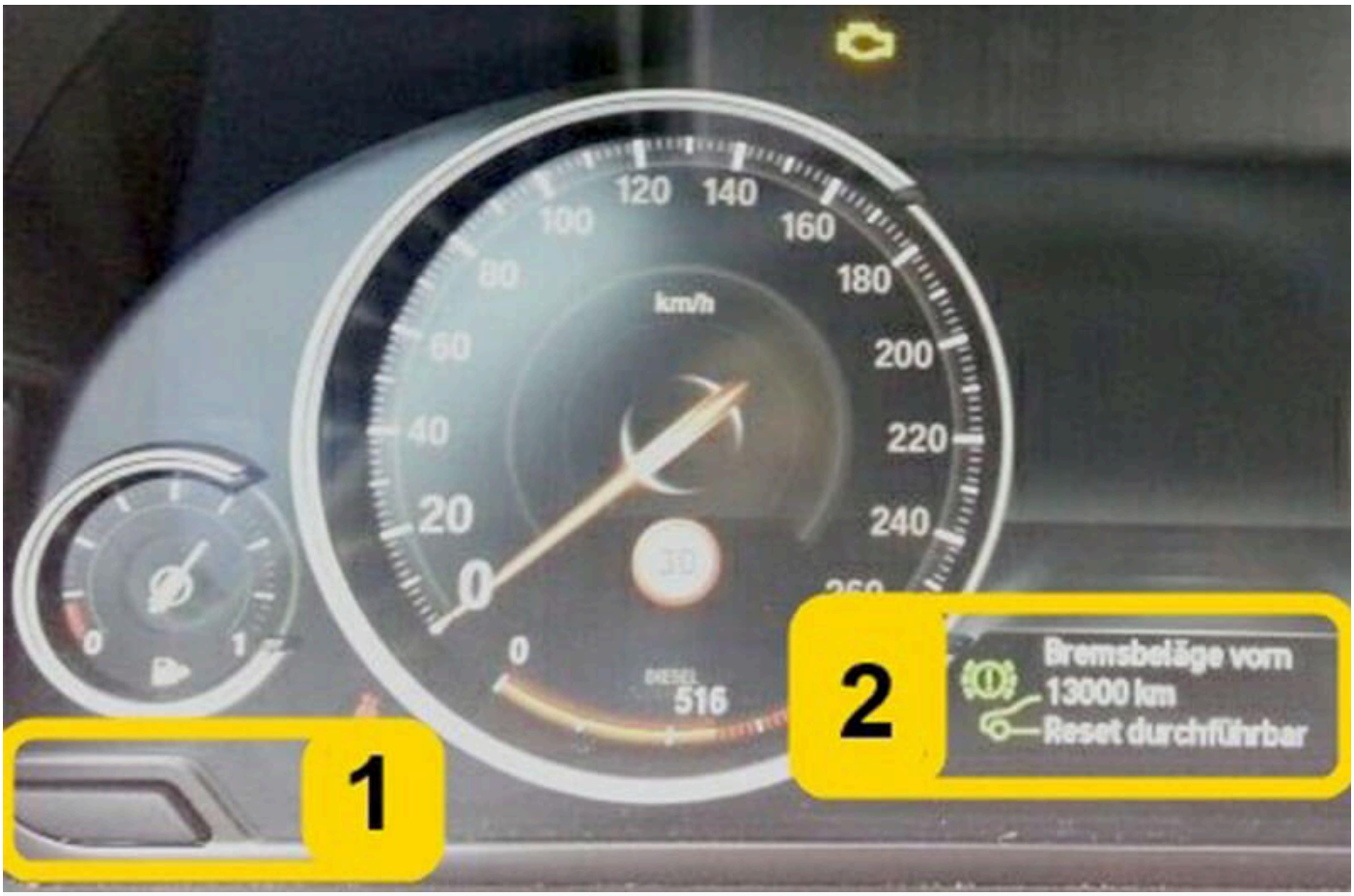
If a reset is possible, this is displayed as 'Reset can be performed' (2)

4. Press the button for 3 seconds and start the reset

5. Confirm the text message 'Reset can be performed' by pressing the button for 3 seconds

6. The status is shown through a progress bar and 'Resetting' in the display

7. The reset is then confirmed as 'Reset successful'



(1) Daily route reset button and (2) “Reset feasible” message

Important note

In order to carry out a successful reset, the following must be noted.

- A reset may only be performed after the service measure has been completed
- It is only possible to reset the brake pads using a new warning contact wear indicator
- During the reset, any unnecessary consumers should be switched off and no other work should be carried out on the vehicle

In some cases, the reset with the respective diagnostic unit may not be detected by the ECU due to varying software statuses. In this case, a manual reset must be performed.

Please observe the maintenance and repair notes provided by the vehicle manufacturer.