



Mercedes-Benz
The best or nothing.

star bulletin



Date: February 7, 2012
Order No.: S-B-54.65/252
Group: 54

SUBJECT: MY-All, Models 163, 164, 166, 170, 171, 172, 197, 202, 203, 204, 207, 208, 209, 210, 211, 212, 215, 216, 218, 219, 220, 221, 230, 231, 240, 245, 251, 463 with Code 220 Parktronic system (PTS); Code 230 Advanced Parking Guidance; Code 235 Active Park Assist Parktronic Malfunctions and Faults

This is an overview of Parktronic malfunction and fault scenarios, respectively.

Malfunction Scenario 1

Malfunctions are indicated with double red (4 LEDs) warning elements and no warning tone (Figure 1).

An entry is not saved in fault memory.

Malfunctions can be triggered by external ultrasonic signals:

- Compressed air
- Drier blower for a washer system
- Rail vehicles
- Brake squeal on vehicle or a nearby vehicle

Or through:

- Soiling of sensors with ice or snow
- License plate brackets

Fault Scenario 2

Faults are indicated in the Parktronic warning elements with double red (4 LEDs) **with warning tone** (Figure 1) (see arrows).

An entry **is** saved in fault memory.

The sensor function is automatically checked while driving at between 22-37 mph. If a fault occurs when This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

driving, then this is issued at a speed less than 9 mph with double red lights and warning tone.

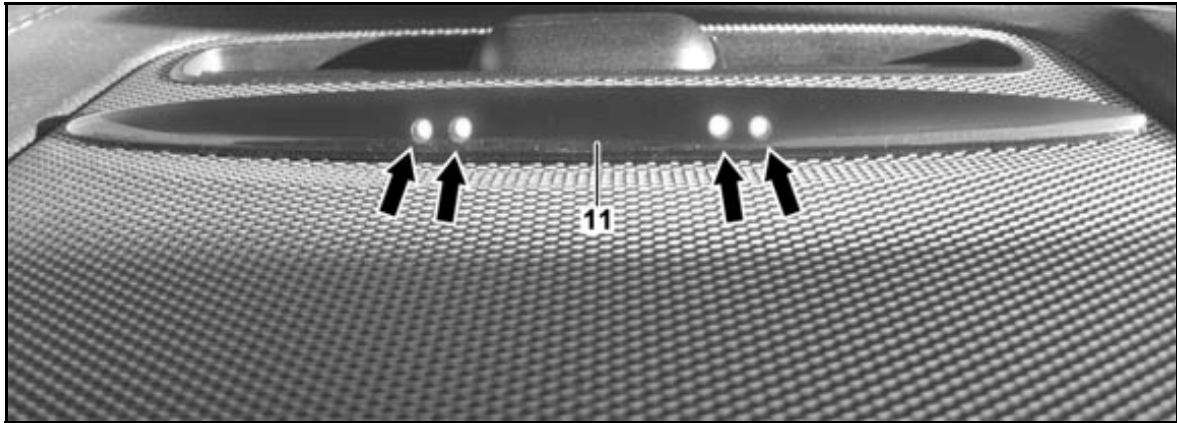


Figure 1. Parktronic warning element.

P54.65-4741-04

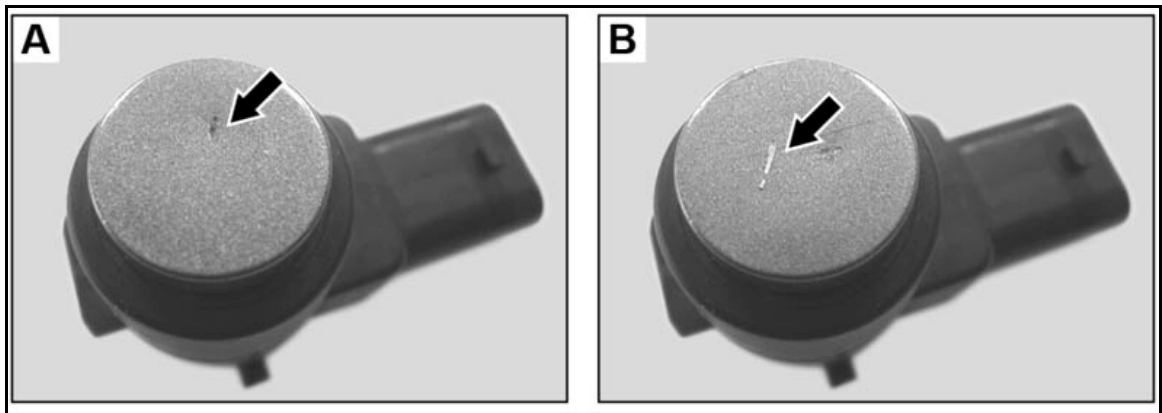


Figure 2. External damage through parking dents, stone chipping, etc.

P54.65-4739-04

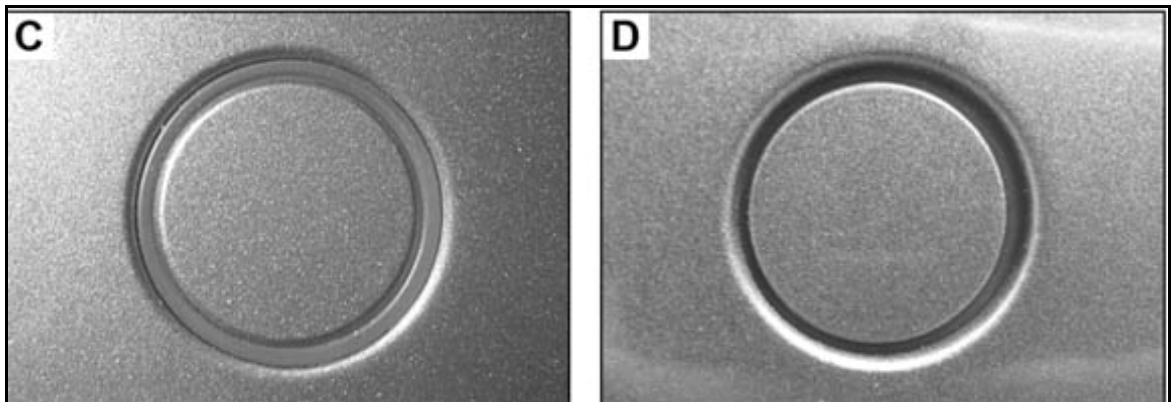


Figure 3. Correct centered installation (C); Incorrect and uncentered installation (D). P54.65-4742-04

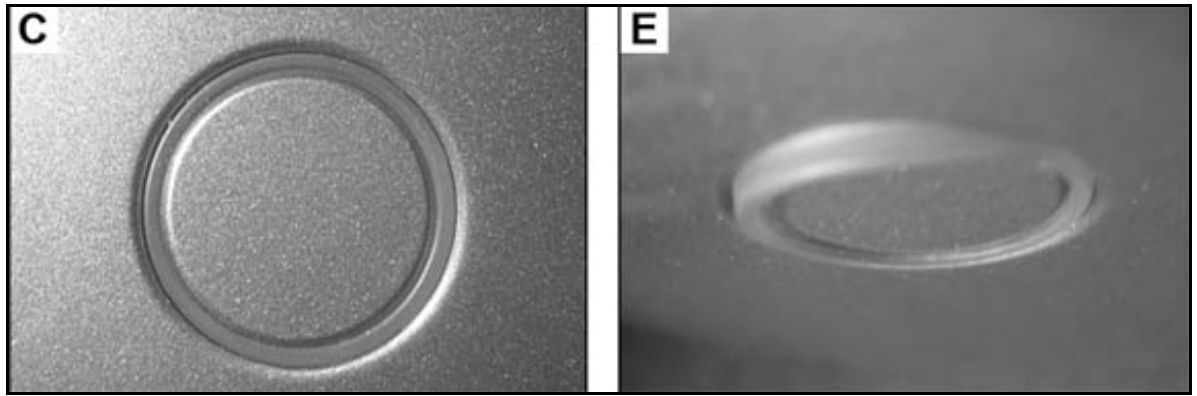


Figure 4. Correct installation (C); Incorrect installation (E).

P54.65-4743-04

The following applies to both scenarios:

If a malfunction or a fault is present for more than 2 seconds, the display in the warning elements goes out and the PARKTRONIC OFF button in the UCP lights up in red.

Diagnosis

To fix issues that cannot be clearly located via fault codes in fault memory, check for correct and central installation (Figure 3) (C) or for any damage caused by stone chippings (Figure 2) (A) (B).

The decoupling ring must be centered and custom fit when installed (Figure 3) (C) and Figure 4 (C).

Refer also to S-B-54.65/251 Parktronic Sensor Return Policy.