



## CBS BRAKE PAD CALCULATION AND CORRECTION

### MODEL

Models	production date
F15 (X5) F16 (X6) (all without M)	from 08/01/2013
F22 (2 series coupe) F23 (2 series convertible)	from 07/01/2013
F25 X3 1F26 X4	from SOP
F30 (3 series sedan) F31 (3 series sports wagon) F32 (4 series coupe) F33 (4 series convertible) F36 (4 series Gran Coupe)	from 07/01/2013
F34 (3 series Gran Turismo)	from 03/01/2013
F10 (5 series sedan) F12 (6 series convertible) F13 (6 series coupe) (all without M)	from 03/01/2013
F01, F02 (7 series sedan) F06 (6 series Gran Coupe) F07 (5 series Gran Turismo)	from 03/01/2013

### SITUATION

When a vehicle comes into the workshop for any repair or maintenance job, the bundling calculator recommends a brake maintenance checkup. No brake warning light is illuminated. CBS shows 3,107 miles or slightly higher for the next brake service displayed via Key Reader, or vehicle's Control Display (in Vehicle Info/Status/Service required/Brake pads)

### CAUSE

CBS calculates the remaining brake pad wear based on brake pressure, speed, vehicle specific parameters (i.e. NAO pads), brake temperature as well as cumulative brake application time. Due to variation of these parameters and outside environmental influences, this calculation can deviate from the real brake pad wear.

Starting from the above-mentioned production dates of the vehicles indicated, the CBS brake pad wear calculation has been changed, and is now based only on the brake pad wear sensor.

**Important Note:** To avoid a too-slow wear prediction, the CBS brake model will estimate the need for repairs, in some cases, rather early. Calculation will level at 3,107 miles and stay at this value until the CBS brake pad wear sensor is triggered.

After the sensor is triggered, the CBS mileage will count down indicating to the customer that the brake repairs will be due.

## **PROCEDURE**

Do not perform any work on the brakes.

Do not reset CBS and do not submit a warranty claim, unless a specific complaint has been voiced by the customer.

If CBS prediction is at 3,107 miles or above, the system works as designed.

Perform a brake job only when the brake sensor is cut and a service light is illuminated.

## **WARRANTY INFORMATION**

For the models listed above and all future models going forward, eligible brake pad maintenance claims that utilize the bundling procedure for performing the brake service will no longer be accepted on or after October 1, 2016.

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