



This Service Information bulletin supersedes SI B13 02 14 **dated September 2014.**

NEW designates changes to this revision

SUBJECT

NEW N47T: Diesel Particulate Matter Sensor Faults Stored in DDE

MODEL

F25 (X3 xDrive 28d)

F30 (3 Series Sedan)

F31 (3 Series Sport Wagon)

Produced to **NEW** 9/2014

With the N47T engine

SITUATION

NEW Either of the following situations could occur:

NEW The Service Engine Soon lamp (MIL) is on with any of the following diesel particulate matter (PM) sensor faults stored:

- 2BB700 - Particulate sensor, plausibility: Sensor protective pipe plugged
- 2BB600 - Particulate sensor, diagnosis response: Measuring electrode, bypass detection
- 2BB300 - Particulate sensor, diagnosis response: Measuring electrode, self-diagnosis
- 2BA100 - Particulate sensor, diagnosis response: Temperature measurement, electrical fault

These stored faults would not cause a problem with engine performance.

NEW Or,

NEW The PM sensor has come loose or has fallen out of the exhaust.

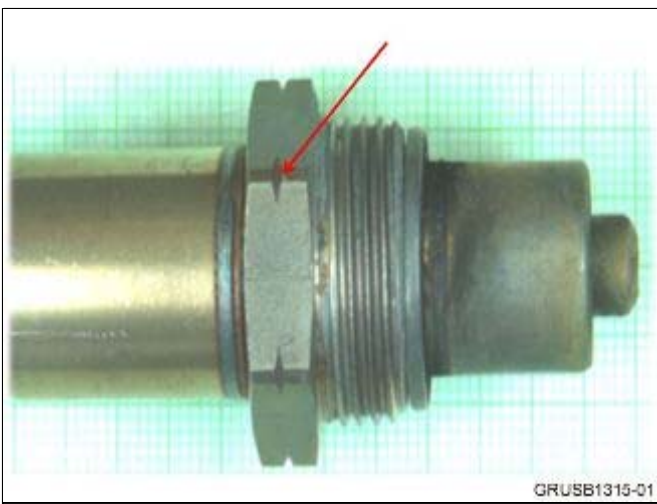
CAUSE

NEW DDE software diagnosis sensitivity and PM sensor hardware

NEW CORRECTION

The PM sensor has been redesigned and was phased into production beginning 7/2014.

<p>NEW</p>	
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NEW The redesigned particulate matter sensor can be identified by the presence of notches in the union nut.

NEW Perform diagnosis using the latest version of ISTA.

NEW Replace the PM sensor and program the vehicle using the latest version of ISTA/P.

NEW Model	NEW Target integration level
F30, F31	F020-14-07-503 or higher
F25	F025-14-07-503 or higher

NEW Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software.

NEW Always connect a BMW approved battery charger/power supply ([SI B04 23 10](#)).

NEW For information on programming and coding with ISTA/P, refer to Centernet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

Note:

A TeileClearing PuMA case is now only required for vehicles where the new redesigned sensor has failed.

TeileClearing [SI B00 03 06](#) will be updated to include this information.

PARTS INFORMATION

Part Number	Description	Quantity
13 62 8 517 184	Particulate Matter (PM) sensor	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Limited Warranty.

Defect Code:	13 62 29 15 00
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Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD 2 as Charging battery)
And:		
13 62 668	Refer to KSD2	Replace diesel particulate sensor
And		
61 00 730	Refer to KSD2	Programming/encoding control unit(s)

Labor operation code 00 00 006 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

If a control module or component was working properly and/or had no related faults stored prior to vehicle programming and it fails to program correctly or requires initialization, this additional work must be claimed with separate labor operations under the defect code listed above; refer to KSD2.

Repairs to control modules and components with pre-existing conditions are not eligible to be claimed under the defect code listed in this bulletin.

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