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

**NEW** designates changes to this revision

#### SUBJECT

**N47T: Diesel Particulate Sensor Faults Stored in DDE**

#### MODEL

**NEW** F25 (X3 xDrive 28d)

F30 (3 Series Sedan)

F31 (3 Series Sport Wagon)

Produced to 7/2014

With the N47T engine

#### SITUATION

The Service Engine Soon lamp (MIL) is on with any of the following diesel particulate 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.

#### CAUSE

Unfavorable DDE software

#### CORRECTION

**NEW** Replace the PM sensor.

**NEW** Program the vehicle using the latest version of ISTA/P.

Target integration level: F020-14-07-503 or higher

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

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

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

If any of the above faults still occur after programming, continue diagnosis with ISTA and replace the sensor.

#### **NEW** PARTS INFORMATION

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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.

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

**NEW** 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.

**NEW** 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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