



SUBJECT

N47T: Diesel Particulate Sensor Faults Stored in DDE

MODEL

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

Check that the sensor is properly installed.

Program the vehicle using ISTA/P 2.53.2 or a more recent version.

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.

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	

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		
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 fails to program correctly or initializations are required, the additional work must be claimed using separate labor operations found in KSD2 under the defect code listed above.

Other Repairs

If performing diagnosis results in other eligible and covered work, claim this work with the applicable defect code and/or labor operations listed in KSD2.

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