



SUBJECT

N63T: Oxygen Sensor Internal Resistance Faults

MODEL

F01 (7 Series Sedan)

F02 (7 Series Sedan LWB)

F06 (6 Series Gran Coupe)

F07 (Gran Turismo)

F10 (5 Series Sedan)

F12 (6 Series Coupe)

F13 (6 Series Convertible)

F15 (X5)

Produced to approximately 3/2015

With the N63T engine

SITUATION

The Service Engine Soon light comes on with either or both of the following faults stored in the DME memory:

- 12B701 - Oxygen sensor heating after catalytic converter, function: Internal resistance too high
- 12B801 - Oxygen sensor heating after catalytic converter 2, function: Internal resistance too high

The engine operation and performance are not affected.

CAUSE

The DME diagnosis for the post catalyst oxygen sensor(s) is too sensitive.

CORRECTION

Do not replace any parts!

Perform diagnosis with the latest version of ISTA.

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

F01, F02, F07	Target integration level: F001-15-03-501 or higher
F06, F10, F12, F13	Target integration level: F010-15-03-501 or higher

F15Target integration level: **F025-15-03-501** 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.

WARRANTY INFORMATION

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

Defect Code:	11 78 03 14 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 KSD2 as Charging battery)
And, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module
And:		
61 00 730	Refer to KSD2	Programming/encoding control unit (s)

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) allowances.

Even though work time labor operation code 61 00 006 ends in “006,” it is not considered a Main labor operation.

Work time (WT) labor operation 61 00 006 requires an individual punch time and an explanation in the comment section.

Vehicle Programming and Encoding

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.

Other Repairs

If performing ISTA diagnostics and related test plans 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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