



DDE FAULT CODE 290900 AFTER PROGRAMMING

MODEL

F25 (X3 xDrive 28d)	F30 (3 Series Sedan 328d)	F31 (3 Series Sport Wagon 328d)
With the N47T engine		

SITUATION

The engine has a hesitation and the Service Engine Soon lamp is on after programming the vehicle to an Integration level of 16-07-500.

The following fault code may be stored:

- 290900 – Air system, air to EGR exhaust mass flow plausibility

CAUSE

Unfavorable DDE software application

The fault will be stored if terminal 15 is switched on, and then off, without starting the engine.

CORRECTION

Reprogram vehicle.

PROCEDURE

1. Perform diagnosis with the latest version of ISTA.
2. Program the vehicle using ISTA/P 3.59.3 or higher.

Models	Integration Level
F25 (X3 xDrive 28d)	16-07-504
F30 (3 Series Sedan 328d)	
F31 (3 Series Sport Wagon 328d)	

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 Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	10 42 31 59 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery")
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) allowance.

Vehicle Programming and Coding

Control module failures that occur during programming:

- Please claim these consequential repairs under the defect code listed in this bulletin and use the applicable KSD2 labor operations.

Other Repairs

Control module failures that occur prior to programming:

- When covered under an applicable limited warranty, claim these repairs using the applicable defect code and labor operations in KSD2.

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