

**SUBJECT****N57T - Automatic Start/Stop (MSA) Does Not Function****MODEL**

F15 (X5)

With the N57T diesel engine produced 3/2/15 to 7/31/15

SITUATION

The MSA feature to shut the engine off does not function at any time, although it is set to active.

The MSA test plan indicates that the “engine stop” inhibitor is currently active due to missing steering angle information.

There are no relevant faults stored and the steering angle is calibrated correctly.

CAUSE

A communication error between the engine (DDE) and electronic steering (EPS) control units.

PROCEDURE

Using ISTA 3.50.32 or higher, perform the test plan to take the vehicle out of a “transport mode”, similar to what is done at the QC1.

The revised test plan checks that the steering angle is correctly calibrated and also performs a control unit software reset on both the DDE and EPS to restore proper communication.

MSA functionality is then active provided the necessary prerequisites have been met as described in the ISTA functional description documents.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Defect Code:	61 31 66 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 00 006	Work time (WT)	Performing vehicle diagnosis – test module

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.

Labor operation code 61 00 006 is not considered a Main labor operation; however, it does require an individual punch time and an explanation on the repair order and in the comment section.

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