

**SB-10052612-2540**

SI B12 13 13  
Engine Electrical Systems

June 2013  
Technical Service

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**SUBJECT**

**N55 Engine Does Not Start on First Attempt when Cold**

**MODEL**

F10 with N55 engine

Only with manual transmission and Continental high-pressure pump

Produced to 3/2012

Note:

The different N55 variants can also be determined by reading the vehicle's plant integration level.

N55 with MEVD172 (Continental HDP) are older (lower) than F010-12-03-500

**SITUATION**

The engine turns over but does not start on the first attempt. It will normally start on the second or third attempt, and no faults are stored in the DME.

This occurs sporadically, usually at low ambient temperatures and when the engine is also cold.

**CAUSE**

Unfavorable DME software in conjunction with a partially charged battery

**CORRECTION**

Program the vehicle using the latest version of ISTA/P to the target integration level.

**F10 N55 with Continental HDP - MEVD172 DME (revised software with ISTA/P 2.50.2)**

**Target: F010-13-07-503** and higher

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

**Note:** When the ISTA system message displays:

Battery voltage only "XX.XX" V. Please connect charger.

Please note the displayed battery voltage reading in the repair order comments section. This documentation is not necessary when part of an approved Technical Service repair procedure; the battery charger is required to be attached before performing the Vehicle Test.

**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>10 11 00 05 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)
and if necessary, also		
61 21 528	Refer to KSD2	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 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.

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