

SUBJECT

N55: Idle Fluctuates Briefly After a Cold Engine Start

MODEL

E70, E71 with the N55 engine from 4/2010 (SOP) to 10/2011

F07 with the N55 engine from 3/2010 (SOP) to 12/2011

F10, F12, and F13 with the N55 engine from 3/2010 (SOP) to 12/2011

F25 with the N55 engine from 7/2010 (SOP) to 12/2011

SITUATION

Under certain engine cold starts, the engine idle may fluctuate during the first 10-20 seconds of operation before becoming stable.

No faults will be stored in this situation, which will usually only occur at specific engine temperatures, making it difficult to reproduce in the workshop.

CAUSE

Unfavorable DME software calibration

CORRECTION

Program the vehicle using the most current version of ISTA/P.

The corrected DME calibration was introduced as listed below:

E70, E71 N55 E070-11-09-505

F07 N55 F001-11-09-507

F10, F12, F13 N55 F010-11-09-507

F25 N55 F025-11-09-507

Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software.

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.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty, and as applicable, any Federal,

State or BMW Emissions Warranty or the BMW Certified Pre-Owned Limited Warranty (only applies to BMW

vehicles that are still within the BMW CPO coverage period but beyond the BMW New Vehicle/SAV Limited

Warranty or Emissions Warranty coverage that applies to the specific repair).

Please see SI B01 02 11 for "Emissions Warranty Coverage" and refer to the "Glossary of Emission Coverage"

attachment for more information.

Defect Code: 10 31 01 24 00

Labor

Operation:

Labor

Allowance:

Description:

2

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 fails to program correctly or initializations are required, the additional work must be

claimed with separate labor operations under the defect code listed above, refer to

KSD2.