



This Service Information bulletin supersedes SI B12 09 12 **dated April 2013.**

NEW designates changes to this revision

SUBJECT

NEW N55: Engine Idle Fluctuation

MODEL

NEW .

E70 (X5)

E71 (X6)

Produced to 4/2012

E82 (1 Series Coupe)

E88 (1 Series Convertible)

Produced to 3/2012

E90 (3 Series Sedan)

Produced to 5/2012

E92 (3 Series Coupe)

E93 (3 Series Convertible)

Produced to 3/2012

F07 (5 Series Gran Turismo)

F10 (5 Series Sedan)

F12 (6 Series Convertible)

F13 (6 Series Coupe)

Produced to 3/2012

F25 (X3)

Produced to 4/2012

All with the N55 engine with Continental high-pressure pump and MEVD172 DME

SITUATION

Intermittently, the engine idle speed may fluctuate up and down or cut off under any of the following

circumstances, without any relevant faults stored in the DME memory:

- While driving off throttle (coasting) and braking at speeds below approx. 10 mph
- While idling, low-speed maneuvering such as parking, or if the steering is turned to the full-lock position

CAUSE

Unfavorable DME software

NEW CORRECTION

Perform diagnostics using ISTA/D and work through the recommended test modules found using the path below:

Activities / Function Structure / 01 Engine / Engine electronics / [!] Current fault patterns / Engine stops/problem starting engine

Depending on the vehicle and engine variant, program the vehicle using the latest version of ISTA/P only if the current integration level is lower than what is listed below.

E70, E71:

E070-13-03-504 or a more recent version

E82, E88, E90, E92, E93:

E89x-13-03-504 or a more recent version

F07:

F001-13-03-503 or a more recent version

F10, F12, F13:

F010-13-03-503 or a more recent version

F25:

F025-13-03-503 or a more recent version

Always connect a BMW approved battery charger/power supply ([SI B04 23 10](#)).

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.

WARRANTY INFORMATION

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

Specific eligible repairs **may** also be covered by the terms of the Federal, State or BMW Emissions Warranty.

To determine if any **applicable** Federal, State or BMW Emissions Warranty coverage applies **prior** to performing repairs, please see SI B01 02 11 for “Emissions Warranty Coverage” and refer to the “Glossary of Emission Coverage” attachment for more information.

The BMW Certified Pre-Owned Limited Warranty applies to BMW CPO vehicles that are still within the BMW Certified Pre-Owned Limited Warranty, but beyond Emissions Warranty coverage that applies.

Defect Code:	10 32 01 47 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
NEW and		
61 21 528	Refer to KSD2	NEW Connect an approved battery charger / power supply (indicated in KSD 2 as Charging battery)

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.

and

E70, E71, E82, E88, E90, E92 and E93

Labor Operation:	Labor Allowance:	Description:
61 00 710	Refer to KSD2	Programming / encoding control unit(s) (not including CAS)
or		
61 00 720	Refer to KSD2	Programming / encoding control unit(s) (with CAS)

or

F07, F10, F12, F13, F25 and F30

Labor Operation:	Labor Allowance:	Description:
61 00 730	Refer to KSD2	Programming/encoding control unit(s)

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.

NEW If control module(s) fail to reprogram or initializations are required, the additional work must be claimed using separate labor operations found in KSD2 under the defect code listed above.