SB-10044019-2142

BMW	SI B12 05 12 Engine Electrical Systems	May 2013 Technical Service

This Service Information bulletin supersedes SI B12 05 12 **dated February 2013.**

NEW designates changes to this revision

SUBJECT
N63: Drop in Engine Speed While Turning at Low Speeds

MODEL
E70, E71 with the N63 engine produced from 3/1/2010 to 2/29/2012

SITUATION
The engine speed may drop significantly below normal idling speed if the steering wheel is turned sharply at lower road speeds.

CAUSE
Unfavorable DME software

CORRECTION
NEW Perform the ISTA/D diagnostic test module "W1214_WAS87 – Speed fluctuations/vehicle jerking," which is found using the following path:

NEW Activities / Information search / Functional structure / 01 Drive / Engine electronics / [!] Current fault Patterns / Engine speed variations/vehicle jerks

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

The corrected DME calibration was introduced in production with integration level:

E70, E71 with N63 – E070-12-03-500 and higher

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 or the BMW Certified Pre-Owned Limited Warranty.

Defect Code:	**10 32 02 47 00**	

Labor Operation:	Labor Allowance:	Description:
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 00 710	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

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.

NEW 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.