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This Service Information bulletin supersedes SI B12 15 14 dated August 2014.

**NEW** designates changes to this revision

#### SUBJECT

**N55 with Double-Clutch Transmission: Idle Fluctuates when Stopped**

#### MODEL

E82 (1 Series Coupe)

E88 (1 Series Convertible)

Produced to October 2013

With the **N55** engine and option 2TC (7-speed Double-Clutch Transmission [DCT])

#### SITUATION

A customer may complain that after coming to a stop, the engine speed intermittently fluctuates from about 500 RPM to 1,100 RPM.

This situation can be more noticeable when the air conditioner is on.

#### **NEW** CAUSE

DME software (idle control adaptation)

#### **NEW** PROCEDURE

Perform diagnostics using ISTA/D and work through the recommended test modules.

Program the vehicle using the latest version of ISTA/P.

Target integration level: E89X-14-07-501 or higher

**After programming the DME adaptations must be cleared using ISTA 3.51 or later.**

Test module path:

Service Functions / Power train / Engine electronics MEVD / Adjustment functions / Clear adaptations

#### **Important!**

- Select ABL DME: Clear adaptations
- Select #2 **“Reset adaptation values”**(do not select #1 Reset adaptation values and versions).

- When prompted, turn the ignition off, **but let the vehicle go to sleep (Start/Stop button light goes out)**.
- The ignition can then be turned back on and the engine started.

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

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

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

#### **NEW** 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.

This repair is also covered by the terms of the Federal and/or State-specific Emissions Warranty (dependent on the vehicle's model year, state of registration and its inclusion on the "model-specific" list of covered components) that applies to the BMW model(s) listed.

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

<b>Defect Code:</b>	<b>10 42 31 59 00</b>	
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 00 710	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)

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

### **Vehicle Programming and Coding**

If a control module was working properly and it fails to program correctly or requires initialization, please claim this additional work with the applicable KSD2 labor operations under the defect code listed above.

The diagnosis and repair of vehicles “arriving” with failed control modules or stored faults which will cause them to fail during programming cannot be claimed under the defect code listed in this bulletin.

### **Other Repairs**

If other eligible and covered work is performed “prior” to programming and coding the vehicle, claim this work with the applicable defect code and labor operations listed in KSD2.

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