



SI B12 09 12  
Engine Electrical Systems

November 2012  
Technical Service

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**SUBJECT**

**N55: Intermittent Loss of Power**

**MODEL**

All with the N55 engine produced to 11/2012

**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

**CORRECTION**

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

Initial DME calibration improvements for this situation were introduced in 7/2012, and are now completely corrected in 11/2012 with ISTA/P 2.48.1 as listed below:

**E70, E71:**

E070-12-11-502 or a more recent version

**E82, E88, E90, E92, E93:**

E89x-12-07-508 or a more recent version

**F07:**

F001-12-11-502 or a more recent version

**F06, F10, F12, F13:**

F010-12-11-502 or a more recent version

**F25:**

F025-12-07-508 or a more recent version

**F30:**

F020-12-11-502 or a more recent version

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 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.

|                         |                         |                                                                             |
|-------------------------|-------------------------|-----------------------------------------------------------------------------|
| <b>Defect Code:</b>     | <b>10 32 01 47 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                                                            |

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**

|                         |                         |                                                            |
|-------------------------|-------------------------|------------------------------------------------------------|
| <b>Labor Operation:</b> | <b>Labor Allowance:</b> | <b>Description:</b>                                        |
| 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)<br>(with CAS) |

or

**F07, F10, F12, F13, F25 and F30**

| <b>Labor Operation:</b> | <b>Labor Allowance:</b> | <b>Description:</b>                  |
|-------------------------|-------------------------|--------------------------------------|
| 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.

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.

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CAR: X/F25/off-road vehicle/X3 35iX/N55/AUT/USA left-hand drive/2011/09

| Identification                                                                                                                                                                                                                                                                                                                                                                                    | Vehicle test                                                                                                                                                                                                                                                                                                                                                                        | Activities                                                       | Service plan                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vehicle selection                                                                                                                                                                                                                                                                                                                                                                                 | Operation information                                                                                                                                                                                                                                                                                                                                                               |                                                                  |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                   |
| Operation details                                                                                                                                                                                                                                                                                                                                                                                 | Vehicle details                                                                                                                                                                                                                                                                                                                                                                     | Repair history                                                   | Operations report                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                   |
| <p>Vehicle identification number: L735328</p> <p>Vehicle type: X'</p> <p>Vehicle configuration: off-road vehicle</p> <p>Vehicle model: AUT</p> <p>Vehicle drive: left-hand drive</p> <p>Vehicle registration: F025-11-03-512</p> <p>Vehicle status: active</p> <p>Vehicle location: [blank]</p> <p>Vehicle description: [blank]</p> <p>Vehicle history: [blank]</p> <p>Vehicle notes: [blank]</p> | <p>Vehicle details: L735328</p> <p>Vehicle type: X'</p> <p>Vehicle configuration: off-road vehicle</p> <p>Vehicle model: AUT</p> <p>Vehicle drive: left-hand drive</p> <p>Vehicle registration: F025-11-03-512</p> <p>Vehicle status: active</p> <p>Vehicle location: [blank]</p> <p>Vehicle description: [blank]</p> <p>Vehicle history: [blank]</p> <p>Vehicle notes: [blank]</p> | <p>Repair history: [blank]</p> <p>Operations report: [blank]</p> | <p>Service plan: [blank]</p> <p>Vehicle status: active</p> <p>Vehicle location: [blank]</p> <p>Vehicle description: [blank]</p> <p>Vehicle history: [blank]</p> <p>Vehicle notes: [blank]</p> | <p>Vehicle identification number: L735328</p> <p>Vehicle type: X'</p> <p>Vehicle configuration: off-road vehicle</p> <p>Vehicle model: AUT</p> <p>Vehicle drive: left-hand drive</p> <p>Vehicle registration: F025-11-03-512</p> <p>Vehicle status: active</p> <p>Vehicle location: [blank]</p> <p>Vehicle description: [blank]</p> <p>Vehicle history: [blank]</p> <p>Vehicle notes: [blank]</p> |