# SB-10052077-5413

SI B12 01 13
Automatic Transmission

April 2014
Technical Service

This Service Information bulletin supersedes SI B12 01 13 **dated November 2013.**

NEW designates changes to this revision

## SUBJECT

**Transmission Intermittently Goes into "P" or "N" After MSA Engine Start**

## MODEL

NEW .

F10 (5 Series Sedan)

F30 (3 Series Sedan)

Produced to 7/2012

With the N20 engine

F10 (5 Series Sedan)

F12 (6 Series Convertible)

F13 (6 Series Sedan)

Produced to 3/2012

With the N55 engine MEVD172 DME (Continental HDP)

F25 (X3)

Produced to 4/2012

With the N55 engine MEVD172 DME (Continental HDP)

F01 and F02 (7 Series Sedan)

F30 (3 Series Sedan)

Produced to 12/2012

With the N55 engine MEVD1726 DME (Bosch HDP)

F10 (5 Series Sedan)

F12 (6 Series Convertible)

F13 (6 Series Sedan)

Produced 3/2012 to 3/2013

With the N55 engine MEVD1726 DME (Bosch HDP)

F07 (5 Series Gran Turismo)

Produced 7/2012 to 12/2012

With the N55 engine MEVD1726 DME (Bosch HDP)

F25 (X3)

Produced 4/2012 to 12/2012

With the N55 engine MEVD1726 DME (Bosch HDP)

Note:

The different N55 variants can be determined by the vehicle's plant integration level:

N55 with MEVD172 (Continental HDP) - older (less) than F0xx-12-03-500

N55 with MEVD1726 (Bosch HDP) - F0xx-12-03-500 and newer (higher)

The exception is the F30, which began production with the MEVD1726 DME (Bosch HDP) at plant integration level F020-11-11-500.

## SITUATION

After an MSA engine start, the transmission intermittently goes into the Park (P) or Neutral (N) position without any customer influence.

**This problem can be sporadic, difficult to reproduce, and no relevant faults are stored.**

## CAUSE

Unfavorable DME/EGS software

## CORRECTION

NEW Perform diagnostics using ISTA/D and work through the recommended test modules found by manually selecting the specific path below:

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

NEW 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.

| | |
|---|---|
| **N20** | |
| F10 | **F010-13-07-506** and higher |
| F30 | **F020-13-07-506** and higher |
| | |
| **N55** and MEVD172 DME (Continental HDP) | |
| F10, F12, and F13 | **F010-13-03-503** and higher |
| F25 | **F025-13-03-503** and higher |

| | |
|---|---|
| **N55** and MEVD1726 DME (Bosch HDP) | |
| F01, F02, and F07 | **F001-12-11-503** and higher |
| F06, F10, F12, and F13 | **F010-13-03-503**and higher |
| F25 | **F025-12-07-509** and higher |
| F30 | **F020-12-11-504** and higher |

NEW **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 Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Limited Warranty.

| **Defect Code:** | **10 32 03 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) |
| NEW and | | |
| 61 00 730 | Refer to KSD2 | NEW 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.

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.