



This Service Information bulletin supersedes SI B13 09 10 dated July 2010.

**PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS AND PRIOR TO RETAIL DELIVERY.**

**NEW** designates changes to this revision

#### SUBJECT

**Service Action: N54 Program Control Units (DME for HDP)**

#### MODEL

E60, E61, E71, E82, E88, E90, E92, E93, F01, F02 with the N54 engine produced from 02/06 to 03/10

#### SITUATION

The customer may complain of extended engine cranking time before the start. Also, fault code 2FBF (Fuel pressure on – release injection, pressure too low) may be stored in the DME.

#### CORRECTION

The new DME calibration improves the engine starting strategy and the robustness of the HDP high-pressure pump.

#### AFFECTED VEHICLES

This Service Action involves E60, E61, E71, E82, E88, E90, E92, E93, and F01, F02 vehicles with the N54 engine which were produced from 02/15/2006 to 03/03/2010.

In order to determine whether a specific vehicle has had this Service Action completed or is affected by this Service Action, first check the B-pillar label for code number **566**. If code number **566** has been punched out, the campaign has already been performed. If code number **566** has not been punched out, it will be necessary to utilize the "Service Menu" of DCSnet (Dealer Communication System) or the Key Reader. Based on the response of the system, either proceed with the corrective action or take no further action.

#### PROCEDURE

Program/recode the vehicle using the current ISTA/P version (2.37.2 or later). The target integration levels should be:

E8x/E9x – Integration level (new): E89X-10-03-504 or higher

E71 – Integration level (new): E070-10-03-502 or higher

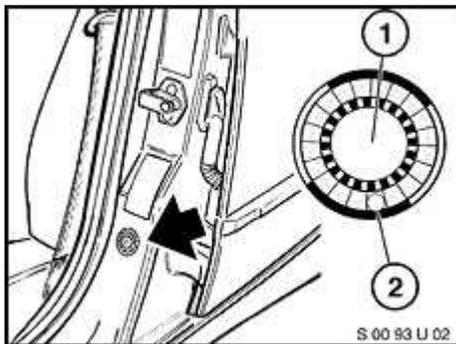
E6x – Integration level (new): E060-10-03-501 or higher

F01, F02 – Integration level (new): F010-10-03-504 or 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.

**LABEL INSTRUCTIONS**

This Service Action has been assigned code number **566**. After the vehicle has been checked and/or corrected, obtain a label (SD 92-380) and:

- A. Emboss your BMW center warranty number in the middle of the label (1);
- B. Punch out code number **566** (2), printed on the label; and
- C. Affix the label to the **B**-pillar as shown.

If the vehicle already has a label from a previous Service Action, affix the new label next to the old one. Do not affix one label on top of another one, because a number from an underlying label could appear in the punched-out hole of the new label.

**WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty or any applicable Federal, State or BMW Emissions Warranty.

**Defect Code:**           **00 13 95 01 00**

**Labor Operation:**   **Labor Allowance:**   **Description:**

<b>NEW</b> 00 59 692	2 FRU	Check the I-level; no programming needed
00 59 612	8 FRU	Program the control units (all except F01, F02)
	9 FRU	Program the control units (F01, F02)
00 59 613	9 FRU	Program control units (including programming of the CAS)

In cases where ISTA requires the replacement of control modules or additional programming because certain control modules failed to program correctly, or just an initialization is required, print out the Measures Plan and/or Final Report and attach these reports to the RO in the vehicle file. This additional work should be claimed under the defect code listed in this bulletin, using the labor operation and labor allowance from the KSD2.

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