



PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.

SUBJECT

Service Action: Program Control Units (DME)

MODEL

F01 and F02 with the N54 engine

Produced from April 2010 to June 2012

SITUATION

Due to less than optimal DME characteristic map data, cold engine starting performance could be unsatisfactory, leading to a customer complaint.

CAUSE

Unfavorable DME software

AFFECTED VEHICLES

This Service Action involves certain F01 and F02 vehicles with the N54 engine produced from April 2010 to June 2012.

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 **635**. If code number **635** has been punched out, the campaign has already been performed. If code number **635** 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 the vehicle using ISTA/P 2.48.1 or a more recent version.

Target integration level: F001-12-11-502

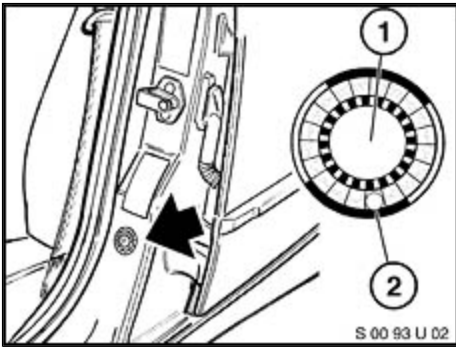
Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software.

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 **635**. After the vehicle has been checked and/or corrected, obtain a label (SD 92-417) and:

- A. Emboss your BMW center warranty number in the middle of the label (1);



- B. Punch out code number **635** (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/Recall Campaign, 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

The repair described in this bulletin is covered under warranty regardless of time or mileage.

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

Defect Code: **00 12 36 03 00**

Labor Operation:	Labor Allowance:	Description:
00 61 519	Refer to KSD2	Programming and encoding reimbursed via a different Technical Campaign or repair

or

00 61 520	Refer to KSD2	Program and encode control units (includes a Vehicle Test and Charging the Battery)
-----------	---------------	---

Labor operation codes 00 61 519 and 00 61 520 are Plus labor operations.

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.