



This Service Information bulletin reactivates S.I. B12 01 04 **dated April 2004.**

**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.**

**NEW** designates changes to this revision

#### SUBJECT

**NEW** E60 with N62; DME Reprogramming

#### MODEL

**NEW** E60 with N62 engine produced up to 09/01/2003 up to 03/31/2004

#### SITUATION

Due to incorrect data set in DME software, the following erroneous faults may be stored in the ME9.2 control modules of the affected vehicles:

- FC 278B – "Engine temperature plausibility"
- FC 278D – "Radiator outlet plausibility"
- FC 27CD – "DMTL current fluctuation during minor leak test".

"Service Engine Soon" warning may be illuminated. There will be no drivability complaints associated with those listed above fault codes.

**To minimize customer's inconvenience caused by this Service Action, you may pick-up (and deliver after repair) the affected vehicle from customer's home, or provide appropriate alternative transportation.**

**Customers will be impressed when you return their cars cleaned inside and out and with a full tank of gas. Reimbursement information for the vehicle fueling and valet costs can be found in the Warranty portion of this bulletin.**

#### **NEW** AFFECTED VEHICLES

This Service Action involves 545i with N62 engines, which were produced from 09/01/2003 up to 03/31/2004.

In order to determine if a specific vehicle is affected by this Service Action, it will be necessary to utilize the "Service Menu" of the DCS (Dealer Communication System). Based on the response of the system, either proceed with the corrective action or take no further action.

The Chassis Number Ranges listed below are **only** for informational purposes and are not to be considered as the only deciding factor.

Model	Chassis Number Range
545i	B087021 – B087742
545iA	B107031 – B110774

**NEW CORRECTION**

On the affected vehicles, update and code the complete vehicle using **CIP 11.0**, or higher.

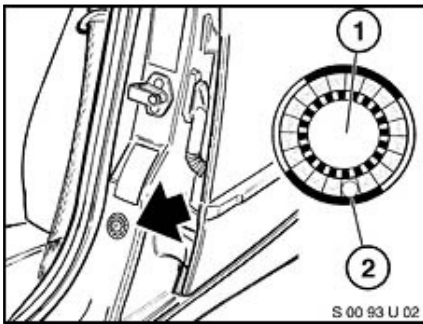
**PROCEDURE**

To update the complete vehicle with CIP 11.0, or higher follow instructions from SI B09 05 01. After software updating is completed, recode complete vehicle according to procedure "E" from SI B09 05 01.

**NOTE:**

On the rare occasions, the DME coding may fail after CIP11.0 update (message "DME cannot be coded, error 1000 CoApi – General errors" is displayed in the final report). In such a case:

- Accept the final report,
- Turn ignition OFF for few minutes,
- Select "DME" from the control unit list, then select "Code" and proceed with individual DME encoding.



This Service Action has been assigned code number **397**. After the vehicle has been checked, and corrected if necessary, obtain a label (SD92-245) and:

- a. emboss your BMW dealer warranty number in the middle of the label (1);
- b. punch out code number **397** 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.

**NEW WARRANTY INFORMATION**

Reimbursement for this Service Action will be via Campaign Entry.

**Defect Code**                    **00 12 83 01 00**

**Work Package #1:**    E60 - Update and recode complete vehicle with CIP11.0, or higher

Labor Operation:            00 54 956

Labor Allowance:            14 FRU

**Note 1: Should the vehicle be affected at the same time by another repair in which programming of control units is also required, programming may be claimed only once.**

Note 2: In the case where CIP requires the replacement of control modules, or additional programming because certain control modules failed to program correctly, print out the Measures Plan and Status Report/Final Report as described in the CIP programming procedure (B09 05 01), and attach these reports to the RO in the vehicle file. The Defect Code, Labor Operation, and Labor Allowance for this additional work should be selected from the KSD.

**RE-FUELING COST**

BMW of North America, LLC, will provide reimbursement to have the gas tank topped off once as required, for each vehicle affected by this Service Action. Attach the appropriate receipt to the work order.

**Defect Code 85 99 00 66 NA**

**Refuel 545i affected by  
reprogramming DME Service Action**

Sublet: Actual cost to top off the fuel tank

Sublet code: 4

**VALET COST**

BMW of North America, LLC, will provide reimbursement for vehicle valet services (pick up & delivery) for each vehicle affected by this Service Action. Attach the appropriate receipt to the work order.

**Defect Code 99 99 77 77 NA**

**Valet Service for 545i affected by  
reprogramming DME Service Action**

Sublet: \$25.00

Sublet code: 4

**RENTAL VEHICLES**

Retailers participating in the Retailer Administered Customer Assistance Program and the BMW Service Loaner Car Program may self-authorize claims for reimbursement of rental costs from independent rental agencies in certain situations:. For more details refer to SI B01 06 97.