



SIB 12 22 08

2009-10-01

Recall 08E-A03: M3 S54-DME Reprogramming for Catalyst Conversion
Diagnosis

This Service Information bulletin supersedes SI B12 22 08 **dated October 2009**.

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

MODEL

E46 (M3) Coupe and Convertible with S54 produced from 05/01 to 09/06
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SITUATION

The DME programming, as originally installed, may cause the OBD diagnostic to erroneously evaluate the efficiency of the catalytic converters. Consequently, the "Service Engine Soon" lamp may be illuminated with fault codes 178 ("Catalyst conversion bank 1") and/or 179 ("Catalysts conversion bank 2") stored in the DME control module.

This diagnostic software error would not cause any drivability problems.

In order to remedy this situation, BMW is conducting a Voluntary Emissions Recall Campaign to reprogram the DME control module (and SMG control module on SMG 2 equipped cars) on all affected vehicles. In addition, for MY 2002 and MY 2003 vehicles up to April 2003 production, the emissions warranty for the catalytic converters of the affected vehicles is extended to 10 years / unlimited miles.

Copies of the customer letters are attached.

AFFECTED VEHICLES

This Recall Campaign involves MY 2002-2006 M3 Coupe and Convertible vehicles with S54 engines, which were produced from 05/11/2001 up to 08/24/2006.

In order to determine whether a specific vehicle has had this Emissions Recall Campaign completed or is affected by this Recall Campaign, first check if the Recall Completion Label SD 92-381 is attached to the right (passenger) rear side of the hood in the engine compartment, close to the windshield. If the label is found, the campaign has already been performed. If the Recall Completion Label is not present, 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.

The chassis number ranges listed below are **only** for informational purposes, and are not to be considered the only deciding factor.

Model

M3 Coupe

Chassis Number Range

JR11938 JR24998

PN55006 PN66244

M3 Convertible

EX21578 EX24996

PK00008 PK12603

CORRECTION

On all affected vehicles, reprogram the DME control module using ISTA/P 2.33.1 or higher.

In addition, the SMG control module has to be reprogrammed on all SMG2 transmission equipped vehicles.

IMPORTANT NOTE:

Prior to performing the programming session, remove Fuse 24 from the fuse panel located in the glove box, in order to deactivate the rear view mirror.

Failure to remove this fuse prior to programming may result in a permanent failure of the mirror.

When the programming session is complete, reinstall the fuse prior to clearing the fault codes.

LABEL INSTRUCTIONS



After the vehicle has been checked and corrected, obtain a label (SD 92-381) and, with a ballpoint pen, print your dealer code (5 digits) on the Recall Completion Label (see illustration). An initial quantity of 100 labels will be sent to all BMW automotive centers. Peel the label from its backing and affix it to the right (passenger) rear side of the hood in the engine compartment, close to the windshield.

For California centers only: It is required by the California Code of Regulations that an executed orange "Vehicle Emission Recall - Proof of Correction" certificate (SD92-084, see illustration) be provided to each customer (for vehicles registered in the state of California), once the Recall on his or her vehicle has been completed.

Note: Additional labels can be ordered online at BMW TIS.

WARRANTY INFORMATION

The repair described in this bulletin is covered under warranty regardless of time or mileage. Reimbursement for this Recall will be via normal claim entry utilizing the following information:



Defect Code: **00 12 74 02 00**

Labor Operation:	Labor Allowance:	Description:
00 58 120	Refer to the KSD2*	Reprogram DME module
00 58 121	Refer to the KSD2*	Reprogram DME and SMG control modules

*Labor time allowances can be located in the KSD2 by entering the VIN, clicking on the **Search** button and then entering the listed flat rate in the **FR code** field.

Also, for E46 M3 MY 2002 and MY 2003 vehicles (up to April 2003 production), when the catalyst replacement is required, the following warranty information should be used:

Defect Code: **18 32 01 15 00**

Labor Operation:	Labor Allowance:	Description:
 Refer to the KSD2	 Refer to the KSD2	Replace catalytic converters

*Main Work - use this labor operation number when this is the only repair being performed, or if this is the main repair when performed along with other repairs at the same time. If this is not the main repair, only use the associated (+) labor operation code

ATTACHMENTS

View PDF attachment [B122208Customer_Letter_MY2002-2003.](#)

View PDF attachment [B122208Customer_Letter_MY2003-2006.](#)