

SB-10039765-3633

SI B12 01 11
Engine Electrical Systems

January 2012
Technical Service

This Service Information bulletin supersedes SI B12 01 11 **dated January 2012.**

NEW designates changes to this revision

SUBJECT

DME FC: 2A1A Tank Ventilation System

MODEL

E60 (5 Series) with N52K engine produced from 2/2007 to 12/2010

E70 (X5) with N52K engine produced from 10/2006 to 3/2011

E82 and E88 (1 Series) with N51 engine produced from 8/2006 to 12/2010

E82 and E88 (1 Series) with N52K engine produced from 6/2006 to 3/2011

E83 (X3) with N52K engine produced from 8/2006 to 8/2010

E90, E92 and E93 (3 Series) with N51 engine produced from 8/2006 to 12/2010

E90, E91, E92 and E93 (3 Series) with N52K engine produced from 6/2006 to 3/2011

E89 (Z4 sDrive 30i Roadster) with N52K engine produced from 6/2006 to 3/2011

SITUATION

The customer complains that the Service Engine Soon lamp has illuminated while driving.

CAUSE

Software error in the DME calibration regarding the evaporative system tank ventilation valve monitoring. Concerns manual transmission vehicles that are only driven in a highly efficient manner, as described below:

- Driven with low engine load
- Driven with low engine RPM
- Driven with low road speed

CORRECTION

E70, E82, E88, E90, E91 E92, E93 only:

Compare the vehicle's I-Level data status to the chart below. If a lower level is in the vehicle, program the vehicle using ISTA/P 2.41.3. or later.

Model

I-Level Vehicle Data Status

E70 (X5) with the N52K engine produced from 10/2006 to 3/2011	E070-11-03-501
E82 and E88 (1 Series) with the N51 engine produced from 8/2006 to 12/2010	E89x-10-12-501
E82 and E88 (1 Series) with the N52K engine produced from 6/2006 to 3/2011	E89x-11-03-501
E90, E92 and E93 (3 Series) with the N51 engine produced from 8/2006 to 12/2010	E89x-10-12-501
E90, E91, E92 and E93 (3 Series) with the N52K engine produced from 6/2006 to 3/2011	E89x-11-03-501
E89 (Z4 sDrive 30i Roadster) with the N52K engine produced from 6/2006 to 3/2011	E89x-11-03-501

NEW E60 (5 Series) with manual transmission and N52K engine produced from 2/2007 to 12/2010 only:

Program the DME using ISTA/P 2.45.0 or later.

E60 (5 Series) with manual transmission and N52K engine produced from 2/2007 to 12/2010	E060 -11-12-500
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E83 (X3) with the N52K engine produced from 8/2006 to 8/2010 only:

Program the DME using ISTA/P 2.41.3. or later.

All models except the E83:

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.

If the vehicle is already at the latest integration level, work through the applicable test plan for the fault stored.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty, any applicable Federal, State or BMW Emissions Warranty or the BMW Certified Pre-Owned Limited Warranty (only applies to CPO vehicles that are still within the CPO coverage period but beyond any Emissions Warranty).

NEW Please see SI B01 02 11 for “Emissions Warranty Coverage” and refer to the “Glossary of Emission Coverage” attachment for more information.

Defect Code: 13 90 90 02 00

Main Work - NEW E60, E70, E82, E88, E89, E90, E91, E92, E93

Labor Operation:	Labor Allowance:	Description:
00 60 028	Refer to KSD2	Performing a vehicle test, programming/encoding control unit(s) (not including CAS)
or		
00 60 029	Refer to KSD2	Performing a vehicle test, Programming/encoding control unit(s) (with CAS)

Main Work – E83

Labor Operation:	Labor Allowance:	Description:
00 60 030	Refer to KSD2	Performing a vehicle test and programming the digital engine electronics control unit (DME)

NEW Labor operation codes 00 60 028, 00 60 029, and 00 60 030 are Main labor operations.

NEW If you are using a Main labor code for any another repair; use the corresponding Plus code labor operation below.

NEW or

Plus Work - **NEW E60,E70, E82, E88, E89, E90, E91**

Labor Operation:	Labor Allowance:	Description:
00 60 628	Refer to KSD2	Performing a vehicle test, programming/encoding control unit(s) (not including CAS)
or		
00 60 629	Refer to KSD2	Performing a vehicle test, Programming/encoding control unit(s) (with CAS)

Plus Work – E83

Labor Operation:	Labor Allowance:	Description:
00 60 630	Refer to KSD2	Performing a vehicle test and programming the digital engine electronics control unit (DME)

NEW 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 E60,E70, E82, E88, E89, E90, E91

NEW 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.

NEW Other Repairs – Vehicles Already at the Latest Integration Level

NEW As outlined in the Procedure section for these vehicles, if performing the ISTA diagnostics and related test plans results with **other** eligible and covered work, claim this work with the applicable defect code and labor operations listed in KSD2.

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