



This Service Information bulletin supersedes SI B12 26 09 **dated October 2009.**

**NEW** designates changes to this revision

#### SUBJECT

**N62TU: EDK Throttle Potentiometer Faults - Diagnostic**

#### MODEL

**NEW**

E60 (5 Series Sedan)

E63 (6 Series Coupe)

E64 (6 Series Convertible)

Produced from 09/05

With N62TU

E65, E66 (7 Series Sedan)

Produced from 03/05

With N62TU

E70 (X5)

Produced from 12/06

With N62TU

#### SITUATION

The “Service Engine Soon” and DSC/DTC warning lights are illuminated. Engine enters the power reduction (“fail-safe”) mode.

The following intermittent and “currently not present” EDK related faults may be stored in DME fault memory:

- 2CF8 – Throttle valve potentiometer, signal; and /or
- 2CF9 - Throttle valve potentiometer 1, signal; and/or
- 2CFA - Throttle valve potentiometer 2; signal.

In most cases DSC fault 5F77 (DME invalid data) may also be stored in DSC control module.

These faults are sporadic and usually not reproducible.

#### CAUSE

Resistance fluctuation in the EDK harness connector is causing an interruption of the EDK signal.

#### CORRECTION

**On a customer complaint basis only**, if the listed above fault codes are stored and currently are not present, install a replacement EDK harness.

Do not replace the EDK throttle for this type of complaint.

## PROCEDURE

See the attachment or follow the ISTA test module repair instructions which can be found by performing a text search for “throttle valve”.

REP 12 - Installing repair kit for wiring harness section, throttle valve assembly (N62TU).

## PARTS INFORMATION

Part Number	Description	Quantity
12 51 7 602 973	Repair cable kit	1

## **NEW** WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Program.

<b>Defect Code</b>	<b>12 51 06 81 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
13 71 000	Refer to KSD2	Removing and installing air cleaner
And:		
61 29 900	Refer to KSD2	Disconnecting and connecting negative battery cable
And:		
12 99 000	8 FRU	Work time for additional work to repair the wire harness.

Labor operation code 13 71 000 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 13 71 500 instead.

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.

Even though work time labor operation code 12 99 000 ends in “000,” it is not considered a Main labor operation. Also, since the “work time” FRU allowance to be claimed is specified, a separate punch time is not required.

## ATTACHMENTS

View PDF attachment [B122609 Attachment](#).

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