



SUBJECT

N62TU: EDK Throttle Faults - Diagnostic

MODEL

E60, E63, E64 with N62TU from 09/05 production

E65, E66 with N62TU from 03/05 production

E70 with N62TU from 12/06 production

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, also the DSC fault 5F77 (DME invalid data) may be stored in DSC control module.

Faults are intermittent and not reproducible.

CAUSE

Resistance fluctuation at the engine harness connectors 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, replace the engine wiring harness.

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

PARTS INFORMATION

Refer to the current version of the parts catalog EPC for the appropriate part number of the engine wiring harness.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty.

Please refer to the latest KSD for all applicable labor operations and allowances.

If the appropriate labor operation is not contained in KSD, then a work time labor operation should be used.

Defect Code

13 54 07 11