



#### **SUBJECT**

**N63T: Drive Malfunction Message with Rail Pressure Sensor Fault Stored**

#### **MODEL**

F01

F02

F06

F07

F12

F13

With the N63Tengine

#### **SITUATION**

The Check Control Message “Drive, drive moderately” is displayed with any of the following rail pressure sensor faults stored in the DME:

119001 - Rail pressure sensor, electrical: Short circuit to positive

119002 - Rail pressure sensor, electrical: Short circuit to ground

119101 - Rail pressure sensor 2, electrical: Short circuit to positive

119102 - Rail pressure sensor 2, electrical: Short circuit to ground

#### **CAUSE**

A poor electrical connection between the rail pressure sensor and engine harness due to vibration

#### **CORRECTION**

**Do not replace the rail pressure sensor!**

Disconnect and reconnect the connector a few times and then secure the harness to the fuel rail, using a special harness cable tie. Repeat this procedure for the sensor harness on the other bank.



### PARTS INFORMATION

Part Number	Description	Quantity
12 52 8 624 375	Sensor harness cable tie	2

### WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>12 51 05 81 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
and if necessary, also		
61 21 528	Refer to KSD2	Charging battery
and		
61 20 900	Refer to KSD2	Disconnecting and connecting battery negative cable
and		
13 71 674	Refer to KSD2	Removing and installing or replacing both air ducts
and		
12 99 000	3 FRUs	Work time to secure the harness on both sides

Labor operation code 00 00 006 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 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.

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