

**SUBJECT****N63R - Engine Malfunction Warning Due to Vapor Forming in the Fuel System****MODEL**

G12 (7 Series Sedan)

With the N63R engine produced to 3/22/2016

**SITUATION**

The “Drivetrain Malfunction” Check Control warning is displayed and the Service Engine Soon (MIL) Lamp may also be on.

In areas where winterized fuel is used, this situation may occur after hot engine soak restart.

Any of the following fault codes can be stored in the DME.

110001 - Cylinder cutout: Fuel high pressure too low

11B213 - Low pressure fuel system: Pressure too low

11A002 – Fuel high pressure, plausibility: Pressure too low

11A102 – Fuel high pressure 2: Pressure too low

In addition, various misfire faults may also be stored in some cases.

**CAUSE**

With high engine compartment temperatures, vapor can form in the fuel system due to the fuel quality characteristics of certain winter fuel blends.

**CORRECTION**

Reprogram the vehicle with revised DME software (increase of low fuel pressure and improved auxiliary fan speed control under certain operating conditions).

**PROCEDURE**

1. Perform the recommended test plans using the latest version of ISTA.
2. Program the vehicle using ISTA/P 3.58.2 or higher.

New target integration level: **S15A 16-03-503** or higher

Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software.

**Always connect a BMW approved battery charger/power supply ([SI B04 23 10](#)).**

For information on programming and coding with ISTA/P, refer to Centernet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

#### **WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

<b>Defect Code:</b>	<b>17 11 11 99 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:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD 2 as Charging battery)
And, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module
And:		
61 00 730	Refer to KSD2	Programming/encoding control unit(s)

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

Work time labor operation code 61 00 006 is not considered a Main labor operation; however, it does require an individual punch time and an explanation on the repair order and in the claim comments.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

#### **Vehicle Programming and Coding**

If a control module was working properly and it fails to program correctly or requires initialization, please claim this additional work with the applicable KSD2 labor operations under the defect code listed above.

The diagnosis and repair of vehicles “arriving” with failed control modules or stored faults which will cause them to fail during programming cannot be claimed under the defect code listed in this bulletin.

## **Other Repairs**

If other eligible and covered work is performed “prior” to programming and coding the vehicle, claim this work with the applicable defect code and the labor operations listed in KSD2.

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