



## ENGINE POWER REDUCED WITH DME FAULT 10170F - THROTTLE VALVE ADAPTATION

### MODEL

F30 (3 Series Sedan)	G12 (7 Series Sedan)
With the B58M and N63R engines produced to 6/23/2016.	

### SITUATION

The engine runs with reduced power; the engine is in the emergency limp-home mode.

Malfunction indicator (MIL) is illuminated.

Check Control message is displayed.

- (ID 29): Engine fault! Power loss

Fault code is stored in the DME fault memory:

- 10170F - Throttle valve, adaptation: maximum deviation of emergency running position is exceeded on last teach-in value

The fault occurs when engine is not started within 30 seconds of terminal 15 (ignition) being switched on.

- After cycling the ignition (ignition off - ignition on), the engine runs normally.

### CAUSE

Unfavorable DME software.

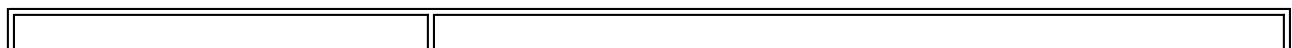
### CORRECTION

Recode and reprogram the vehicle.

### PROCEDURE

For conditions that are similar to the situation described:

1. Perform diagnosis with the latest version of ISTA or ISTA NEXT.
2. Program the vehicle using the latest version (ISTA/P or ISTA NEXT).



<b>F30</b>	Target integration level: <b>F020-16-07-500</b> or higher
<b>G12</b>	Target integration level: <b>S15A-16-07-500</b> 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 / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

## WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

<b>Defect Code:</b>	<b>1042315900</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) (Main work)
Or:		
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD 2 as Charging battery)
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.

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

### Vehicle Programming and Coding

When ISTA/P automatically reprograms and codes all the vehicle's control modules that "currently

do not have” the latest software and if one or more control module failures occur “during” this programming procedure:

- Please claim this “consequential” control module-related repair work under the defect code listed in this bulletin with the applicable KSD2/AIR labor operations.

### **Other Repairs – Control Module**

Control module failures that occurred “prior” to performing this programming procedure:

- When “covered” under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations in KSD2/AIR.

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