



M2 COMPETITION CCM: ENGINE MALFUNCTION LOSS OF POWER

MODEL

F87 (M2 Competition)			
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Produced from June 8, 2018 thru November 2, 2018

SITUATION

"Engine Malfunction loss of power" Check Control message (ID 29) appears when decelerating to a stop in transmission mode "D3". Normal vehicle operation may be resumed after restarting the engine.

The malfunction indicator lamp (MIL) may be illuminated with the following fault may be stored:

Fault code:	Control module:	Fault code text:
1F0525	DME	DME, internal fault, safety function: Plausibility check of relative fuel mass

CAUSE

A software error in the digital motor electronics (DME).

Affected I Level: **F020-18-07-531**, **F020-18-07-547**, and **F020-18-07-549**

CORRECTION

Program the vehicle using **ISTA 4.14.1x**

PROCEDURE

1. Read out the I Level of the vehicle.
2. If the current I Level is **F020-18-07-531**, **F020-18-07-547**, or **F020-18-07-549**, program the vehicle to the appropriate level shown below:

Model	Target Level
F87 (M2 Competition)	F020-18-11-520 or higher

Note that ISTA Next 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, refer to CenterNet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation

WARRANTY INFORMATION

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

When the vehicle's current I Level is F020-18-07-531, F020-18-07-547, or F020-18-07-549:

Defect Code:	1042315900	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to AIR	Performing "vehicle test" (with vehicle diagnosis system - checking faults) (Main work)
Or:		
00 00 556	Refer to AIR	Performing "vehicle test" (with vehicle diagnosis system - checking faults) (Plus work)
61 21 528:	Refer to AIR	Connect an approved battery charger/power supply (indicated in AIR as "Charging battery")
And:		
61 00 730	Refer to AIR	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 of 00 00 006.

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

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control modules, the programming procedure may only be invoiced one time.

Programming and Encoding - Vehicle Control Units

- A. The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software i Level. 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 AIR/KSD2 labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section.

- B. For 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 (including diagnosis) in AIR/KSD2.

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