



M2 - DRIVETRAIN MALFUNCTION CCM IS DISPLAYED

MODEL

F87 (M2 Coupe)	
Produced up to 8/3/2016	

SITUATION

- Drivetrain Malfunction Check Control Message is displayed
- Engine power is reduced
- Faults stored in DME fault memory:
 - o 0x120208 - Charging pressure control plausibility: pressure too high
 - o 0x120408 – Charging pressure control: Switching off

CAUSE

- Turbocharging pressure control is erroneously switched off due to an overly sensitive diagnostic threshold in the DME software.

CORRECTION

- Reprogram the vehicle (DME).

PROCEDURE

1. Perform diagnosis with the latest version of ISTA.
2. Program the vehicle using ISTA/P 3.59.3 or higher.

F87 (M2 Coupe)	Target integration level: F020-16-07-504 or higher
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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.

Defect Code:	10 42 31 59 00
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Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main 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.

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 section.

Vehicle Programming and Coding

Control module failures that occur during programming:

- Please claim these consequential repairs under the defect code listed in this bulletin and use the applicable KSD2 labor operations.

Other Repairs

Control module failures that occur prior to programming:

- When covered under an applicable limited warranty, claim these repairs using the applicable defect code and labor operations in KSD2.

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