



SUBJECT

Reduced Engine Power with “Charging Pressure Too High” Faults Stored

MODEL

F06 (M6 Grand Coupe)

F10 (M5)

F12 (M6 Convertible)

F13 (M6 Coupe)

F85 (X5 M)

F86 (X6 M)

Produced to 7/1/2015

SITUATION

When accelerating under certain conditions, the engine power may be reduced and a Check Control Message (CCM) “Drive Faulty; Drive at moderate speed” is displayed.

The following charging pressure control fault is stored in the DME:

- Fault 120208: Exhaust camshaft sensor, signal: not plausible

As a result, the engine power is reduced, and the following faults may also be set:

- Fault 120408: Charging pressure control: Switch-off, pressure build-up blocked
- Fault 120908: Charging pressure control2: Switch-off, pressure build-up blocked

CAUSE

DME software error

PROCEDURE

Perform diagnosis with the latest version of ISTA.

Program the vehicle using the latest version of ISTA/P.

F06, F10, F12, F13	Target integration level: F010-15-07-501 or higher
F85, F86	Target integration level: F025-15-03-501 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.

This repair is also covered by the terms of the Federal and/or State-specific Emissions Warranty (dependent on the vehicle's model year, state of registration, and its inclusion on the "model-specific" list of covered components) that applies to the BMW models listed.

The BMW Certified Pre-Owned Limited Warranty applies to BMW vehicles that have and are still within the BMW Certified Pre-Owned coverage period, but beyond Emissions Warranty coverage that applies.

Defect Code:	10 42 31 59 00	
Labor Operation:	Labor Allowance:	Description:
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 KSD2 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.

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

Work time (WT) labor operation code 61 00 006 is not considered a Main labor operation. However, the "WT labor" FRU amount claimed does require an individual punch time and an explanation on the repair order and in the claim comments section.

Vehicle Programming and Encoding

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 the control modules to fail during programming, cannot be claimed under the defect code listed in this bulletin. If other eligible and covered work is performed prior to programming and coding the vehicle, claim this work with the applicable defect code and/or labor operations listed in KSD2.

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