



B58 -M POWER AND SOUND KIT, MALFUNCTION LIGHT ILLUMINATED

MODEL

F30 (3 Series Sedan)	F32 (4 Series Coupe)	F33 (4 Series Convertible)	F34 (3 Series xDrive Gran Turismo)
F36 (4 Series Gran Coupe)			

AFFECTED VEHICLES

F3x / B58M engine, with installed "BMW M Performance Power and Sound Kit" P/N 11 12 2 444 531.

SITUATION

- Check engine light illuminated.
- Check Control Message: "Drive faulty".
- Engine power reduced and set in "Emergency Program".
- Fault code stored in DME control unit:
 - o 1F0541 - Drive, safety function: Bus signal about engine torque implausible.
- Fault Code stored in EGS control unit:
 - o CF2C11 - DME/DDE interface: (Actual DME/EGS crankshaft torque, 0xA5, actual crankshaft torque, 0xA5) signal invalid.

Affected are vehicles with the following Integration Levels:

- F020-16-07-5xx
- F020-16-11-500
- F020-16-11-501

CAUSE

DME control unit software error.

CORRECTION

Reprogram the vehicle.

PROCEDURE

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

1. Perform diagnosis with the latest version of ISTA.
2. Program the vehicle with ISTA/P 3.60.1 (available early November 2016), or with ISTA/P 4.02.20 (available early November 2016) or a more recent version.

F3x	Target Integration level: F020-16-11-502 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	
Labor Operation:	Labor Allowance:	Description:
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)
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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 control modules that currently do not have the latest software and control module failures occur during this programming:

- Please claim these consequential control module repair work under the defect code listed in this bulletin with the applicable KSD2 labor operations.

Other Repairs

Control module failures that occurred prior to this programming:

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

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