Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

What's New:

This Service Information bulletin replaces:

• SI B12 43 15 dated December 2015; and

• SI B12 41 15 dated November 2015

MODEL

G12 (7 Series)	F30 (3 Series Sedan)		

With the B58M engines produced from 7/1/2015 to 11/30/15

AFFECTED VEHICLES

This Service Action involves G12 and F30 vehicles with B58M engines produced from January 1, 2015 to November 30, 2015.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

SITUATION

On the above mentioned vehicles, certain G12 and F30 vehicles produced from July 1, 2015 to November 30, 2015 may experience a combination of several unfavorable engine operating conditions that may not set the required On Board Diagnostics (OBD) code. This action will prevent this situation from occurring.

CAUSE

Software error in the Digital Motor Electronics control unit (DME).

CORRECTION

Program the vehicle using ISTA Next

PROCEDURE

Program the vehicle using **ISTA Next** to appropriate level shown below:

Model	**Target integration level**
G12 (7 Series)	**S15A-15-11-502** or higher
F30 (3 Series Sedan)	**F020-15-11-503** or higher

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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

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

Defect Code:	**0012130400**	

No Repair is Necessary

Labor Operation:	Labor Allowance:	Description:
00 63 836	1 FRU	Programming and coding was performed previously in conjunction with another campaign or repair (vehicle is already at the specified “Target” integration level or higher, no repair is necessary) (Plus work)

Or:

Vehicle Programming and Coding

ISTA automatically reprograms and codes all the vehicle control modules that do not have the latest software i-level.

Completion “before” vehicle delivery to the customer or the vehicle is already in the workshop Labor Operation

Labor Operation:	Labor Allowance:	Description:
00 63 838	Refer to KSD2	Program and code control units (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)

Or:

Completion after vehicle delivery to the customer

Labor Operation:	Labor Allowance:	Description:
00 63 169	Refer to KSD2	Program and code control units (includes connecting an approved battery charger/power supply and performing a vehicle test) (Main work)

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

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- 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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