BMW SI B12 46 15
Engine Electrical Systems

December 2015
Technical Service

SUBJECT
Service Action: Program PHEV Control Units

MODEL
F15 PHEV (X5 xDrive40e)

SITUATION
The DME (Digital Motor Electronics) software is not sufficiently robust and may lead to sporadic fault code entries.

AFFECTED VEHICLES
Certain F15 PHEV vehicles produced between August 7 and December 1, 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.

PROCEDURE
Program and code the complete vehicle with ISTA/P 3.57.2 (Target I-Level 15-11-503) 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
Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

Defect Code:	00 12 15 04 00	
Labor Operation:	**Labor Allowance:**	**Description:**
00 63 856	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:		

00 63 855	8 FRU	Program and code control units (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)

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 them to fail during programming cannot be claimed under the defect code listed in this bulletin.

Other Repairs

If other eligible and covered work is performed "prior" to programming and coding the vehicle, claim this work with the applicable defect code and labor operations listed in KSD2.