	SI B24 01 16	May 2016
BMW	Automatic Transmission	Technical Service

F15, F30 PHEVs- Gear Selector Plausibility Faults

MODEL

F15 PHEV (X5 xDrive 40e)	F30 PHEV (330e Sedan)	Vehicles with the integration level 16-03-505.

SITUATION

The Check Control message "Drive: Stop carefully" (CCM-ID: 569) is displayed.

The following fault codes may be stored in the transmission EGS control module (GKEG3HY3):

- 44D663 – Position plausibility: Driver's choice N/P from D/R not executed

- CF1701 – Gear selector switch interface, communication failure

- CF17A1 – Message missing: receiver EGS (A-CAN), transmitter selector switch (A-CAN)

CAUSE

EGS software diagnostic function

CORRECTION

Reprogram the vehicle with revised EGS software, when available.

PROCEDURE

1. Perform short test and read EGS fault memory using the latest version of ISTA.

2. Program the vehicle using ISTA/P 3.59.1, or higher.

    New target integration level: **16-07-500** or higher

(The ISTA/P 3.59.1 release is planned for mid June 2016). 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.

Defect Code:	**24 00 32 66 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:		
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.

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.