SLIGHT SHUDDERING UNDER ACCELERATION FROM 40-60MPH

MODEL

F15 PHEV (X5)

SITUATION

When initiating gradual acceleration at between 40mph to 60mph, customer may experience some minor shuddering under acceleration.

Some situations that may lead to this experience would be:

- Gradual depressing of the accelerator pedal

- Change in load (increase in road grade)

- Acceleration request by cruise control

The following conditions must be present for this situation to occur:

- "Auto eDrive" driving mode selected

- Engine speed of approximately 1500 rpm

- Transmission in D(rive), running in 7th or 8th gear,

- Low State of Charge (SOC) of high voltage battery.

- No fault codes are stored as a result of this performance issue.

CAUSE

Stacking of tolerances in the driveline

CORRECTION

Reprogram the vehicle with ISTA/P 3.60.2 or ISTA NEXT 4.02.30.

Parts replacement will not correct this situation and is not permitted.

PROCEDURE

For conditions that are similar to the situation described:

1. Perform diagnosis with the latest version of ISTA.

2. Program the vehicle using ISTA/P 3.60.2 or higher.

F15 PHEV (X5)	Target integration level: F025-16-11-503 or higher

Note that ISTA 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 or ISTA NEXT, refer to CenterNet / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

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:	1042043800	
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)

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's control modules that "currently do not have" the latest software and 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:

- 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.