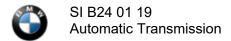
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January 2019 Technical Service

CHECK CONTROL MESSAGE CALL BREAKDOWN ASSIST. DRIVE IS DEFECTIVE.

MODEL

G12 (740e xDrive iPerformance Sedan)	G30 (530e/530e xDrive iPerformance Sedan)
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Produced thru October 31, 2018

SITUATION

A red-colored Check Control indicator (ID 170) can appear, along with any of the following messages:

- Call breakdown assist. Drive is defective.
- Call breakdown assist. Driving is not possible.

Additional symptom:

The LED within the gear selector switch flashes in drive position D

The fault can occur sporadically when driving over a pavement bump in the coasting overrun mode, at speeds above approx. 35 mph.



Note: The fault occurs only in "Comfort" driving mode.

After a key cycle (ignition off - ignition on), the fault is no longer present. The vehicle is operational again.

The following faults are stored in the EGS fault memory:

420598 - output speed sensor: implausible gradient; and/or

420893 - second microcontroller: Excessive output gradient detected

CAUSE

An EGS software error.

PROCEDURE

Read out the Integration level (I-level) of the vehicle:

If S15A-18-07-547 or older (lower):

• Program the vehicle using ISTA 4.14.1x to the appropriate level shown below:

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G12 (740e xDrive iPerformance Sedan)	S15A-18-11-523 or higher
G30 (530e/530e xDrive iPerformance Sedan)	

• If S15A-18-11-523 or more recent (higher): Perform diagnosis with ISTA.



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

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:	2400239800	Transmission electronics display in the instrument cluster/malfunction indicator lamp, AT unsatisfactory
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to AIR/KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to AIR/KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to AIR/KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery")
And:		
61 25 910	Refer to AIR/KSD2	Recharging high-voltage battery unit (to high voltage charging socket)
And:		
61 00 730	Refer to AIR/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 of 00 00 006.

Refer to AIR/KSD2 for the corresponding flat rate unit (FRU) allowances.

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

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Programming and Encoding - Vehicle Control Units

A. The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software i-level. 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 AIR/KSD2 labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section.

- B. For 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 (including diagnosis) in AIR/KSD2.

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