



SI B24 01 19
Automatic Transmission

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)

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:

Model	Target I-level
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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.

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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