



## DYNAMIC STABILITY CONTROL WARNING ON WITH LIMITED POWER STEERING ASSIST

This Service Information bulletin replaces SI B34 09 16 dated **January 2017**

### What's New:

- This SIB is a complete revision of B34 09 16

### MODEL

G01 (X3)	G02 (X4)	G12 (7 Series)	G30 (5 Series)
G32 (6 Series Gran Turismo)			

All with xDrive up to 7/27/2018 production

### SITUATION

Steering feels heavy (limited power assist)

The Dynamic Stability Control (DSC) light and Service Engine Soon light may be on.

The following message may be displayed in the Check Control (CC):

- CCM 350 "It is possible to continue to drive. All-wheel drive system."
- Other CC messages may be stored related to: Restraint system / lane change warning / distance information / pedestrian protection.

One or both of the following faults are stored in the DSC:

- D36500 - Message fault (xDrive actuator information, ID: XDRV\_ACT\_INFO) – Timeout
- D356E4 - Message fault (status of distribution of the longitudinal torque on the front axle rear axle, ID: ST\_REPAT\_XTRQ\_FTAX\_BAX) – Timeout

The following faults can also be stored in the DDE or DME:

- DDE: CD95E0 - Message (ST\_REPAT\_XTRQ\_FTAX\_BAX, 19.3.4, FX), Timeout: Message (status of distribution of longitudinal torque of front axle rear axle) from longitudinal torque distribution failed
- DME: CDA056 - FlexRay, message (status of distribution of longitudinal torque of front axle rear axle / xDrive actuator information, 19.3.4): missing

### CAUSE

Internal fault in the transfer case control unit (Longitudinal Torque Module - LMV).

## CORRECTION

Replace the LMV.

## PROCEDURE

Replace the LMV using **REP 27 10 730** "Replacing the control unit for the transfer box (VTG)".

## PARTS INFORMATION

Part Number	Description	Quantity
Refer to ETK	Longitudinal torque module	1

## 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.

<b>Defect Code:</b>	<b>2710199600</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006	Refer to KSD2/AIR	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or		
00 00 556	Refer to KSD2/AIR	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to KSD2/AIR	Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery")
And:		
27 10 730	Refer to KSD2/AIR	Replacing transfer box control unit (LMV) (after vehicle diagnosis)
And:		
61 00 730	Refer to KSD2/AIR	Programming/encoding control unit(s)

And, additionally for the:

### e-Vehicle

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 25 910	Refer to KSD2/AIR	Recharging high-voltage battery unit (to high voltage charging socket)

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 KSD2/AIR 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.

### **Vehicle Programming and Encoding**

- 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 KSD2/AIR 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 KSD2/AIR.

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