SI B66 15 19 May 2019
Drivers Assistance, Remote Control Systems Technical Service

LANE DEPARTURE WARNING: STEERING INTERVENTION TOO STRONG

MODEL

G05 (X5 Sports Activity Vehicle)	G07 (X7 SAV)	G12 (7 Series Sedan)	G15 (8 Series Coupe)
G20 (3 Series Sedan)			

Produced to March 31st, 2019

Equipped with either one or more of the following option codes

5AV – Active Guard

Or

5AQ – Active Guard Plus

Or

5AS – Driving Assistant

Or

5AU – Driving Assistant Professional

SITUATION

The steering intervention for Lane Departure Warning (LDW) is too strong (severe), which can create an uncomfortable feeling for the driver.

Background: Steering intervention helps keep the vehicle in the lane if the system detects that a lane marking has been crossed. The steering intervention can be noticed on the steering wheel and can be manually overridden at any time.

CAUSE

Software error in the LDW control unit.

CORRECTION

Program and encode with ISTA 4.16.3x or higher (released late March, 2019).

PROCEDURE

Read out the vehicle's current Integration Level (I-level).

If I-level is S18A-19-03-535 or higher, then-

- No further action on the vehicle is required
- Advise the customer of the function and range of adjustment via the iDrive. Refer to owner's manual.

If the I-level is S18A-19-03-534 or lower, then-

- Program and encode the vehicle using ISTA 4.16.3x
  - o Target I-level S18A-19-03-535 or higher

Always connect a BMW-approved battery charger/power supply(SI B04 23 10)when performing programming.

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:	**6651000200**	**Control unit, lane departure warning (TLC, time to line crossing) software error/internal equipment fault**
Labor Operation:	**Labor Allowance:**	**Description:**
00 00 006	Refer to AIR	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to AIR	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528:	Refer to AIR	Connect an approved battery charger/power supply (indicated in AIR as Charging battery)
And:		
61 00 730	Refer to AIR	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 for the corresponding flat rate unit (FRU) allowances.

Programming and Encoding - Vehicle Control Units

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 labor operations.

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

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.

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