



SI B66 19 17

Drivers Assistance, Remote Control Systems Control Technical Service

September 2018

SERVICE ACTION: CHECK AND REPLACE LANE CHANGE WARNING SENSOR

New information provided by this revision is preceded by this symbol  .

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

This Service Information bulletin replaces SI B66 08 17 **dated November 2017**

What's New:

- Parts – Updated with new Part number. Deleted old part number.

MODEL

G30 (5 Series Sedan)	G12 (7 Series Sedan)		
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AFFECTED VEHICLES

This Service Action involves G12 (7 Series Sedan) and G30 (5 Series Sedan) produced from May 5, 2017 to May 30, 2017.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

SITUATION

The Lane Change Warning sensor may have been produced with faulty components. This may lead to a failure of the Lane Change Warning system (SWW).

CAUSE

Lane Change Warning sensor hardware defect

CORRECTION

Check the Lane Change Warning sensor(s) and replace, if required.

Reprogram the vehicle with ISTA 4.08.21 (I-level 17-11-520) or more recent version.

PROCEDURE

For conditions that are similar to the situation described:

1. Perform a vehicle test using ISTA 4.08.21 or higher.
2. If no relevant fault code is set in the SWW, the vehicle is ok and no further steps required.
3. If fault code S0742 is set in SWW, perform the linked test plan(s).
4. If the test plan results in sensor(s) replacement, replace the sensor(s) recommended by the test plan.

5. Based on the sensor requiring replacement, refer to the following repair instructions:
 - a. REP 66 32 110 – Removing and installing the front left lane change warning sensor
 - b. REP 66 32 120 – Removing and installing the front right lane change warning sensor
 - c. REP 66 32 140 – Removing and installing the rear left lane change warning sensor
 - d. REP 66 32 150 – Removing and installing the rear right lane change warning sensor
6. Program the vehicle using ISTA 4.08.21 or a more recent version.
7. If recommended by ISTA 4.08.21 after programming, perform another vehicle test and delete the fault code entry.

Note that ISTA 4 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 4, refer to CenterNet / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.



PARTS INFORMATION

Note: Only replace the Lane Change Warning sensors recommended by the test plan.

Part Number	Description	Quantity
66 32 6 891 728	Lane Change warning sensor	Max 4

WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

Defect Code:	0066240100	
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No Repair is Necessary

Labor Operation:	Labor Allowance:	Description:
00 65 793	3 FRU	Checking the Lane Change Warning sensors, no relevant fault code is set (No repair is necessary) (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)

Or:

One or Two Front Sensors

Labor Operation:	Labor Allowance:	Description:
		Checking the Lane Change Warning sensors and replacing one (1) sensor at the front and programming

00 65 794	18 FRU	and coding the vehicle (includes connecting an approved battery charger/power supply, performing a vehicle test and linked test plans) (Plus work)
And, if applicable		
00 65 797	1 FRU	Replacing one (1) more sensor at the front (Two total) (Associated work)

Or:

One or Two Rear Sensors

Labor Operation:	Labor Allowance:	Description:
00 65 795	27 FRU (G12); 24 FRU (G30)	Checking the Lane Change Warning sensors and replacing one (1) sensor at the rear and programming and coding the vehicle (includes connecting an approved battery charger/power supply, performing a vehicle test and linked test plans) (Plus work)
And, if applicable		
00 65 798	1 FRU	Replacing one (1) more sensor at the rear (Two total) (Associated work)

Or:

Three Sensors Total, Combination of Front Sensors and Rear Sensors

Labor Operation:	Labor Allowance:	Description:
00 65 796	36 FRU (G12); 34 FRU (G30)	Checking the Lane Change Warning sensors and replacing one (1) sensor at the front and one (1) sensor at the rear (Two total), programming and coding the vehicle (includes connecting an approved battery charger/power supply, performing a vehicle test and linked test plans) (Plus work)
And, if applicable:		
00 65 797	1 FRU	Replacing one (1) more sensor at the front (Three total) (Associated work)
Or, if applicable:		
00 65 798	1 FRU	Replacing one (1) more sensor at the rear (Three total) (Associated work)

Or:

All Four Sensors (Front and Rear)

Labor Operation:	Labor Allowance:	Description:
		Checking the Lane Change Warning sensors and

00 65 799	38 FRU (G12); 36 FRU (G30)	replacing all sensors at the front and rear (Four total), programming and coding the vehicle (includes connecting an approved battery charger/power supply, performing a vehicle test and linked test plans) (Plus work)
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Vehicle Programming and Coding

If a vehicle is affected simultaneously by another Technical Campaign or repair which also requires programming of the control units, the programming work may only be invoiced once.

ISTA automatically reprograms and codes all the vehicle control modules that 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.

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.

Alternative Mobility Solution (AMS)

This Service Action repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Defect Code noted above as follows:

- Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to SI B01 29 16 for additional information.

Posted: Wednesday, September 26, 2018

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