



BLINDSPOT DETECTION WARNING: FALSE ACTIVATION

MODEL

G12 (7 Series Sedan)			
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Affected vehicles include SA337 (M sport package) or SA715 (M aerodynamic package) in combination with SA5AT (Active Driving Assistant Plus) or SA5AS (Active Driving Assistant).

Produced to October 1, 2016.

SITUATION

Driver Assistance system issues Blind Spot Detection warnings when no other vehicle is present:

- Yellow triangle illuminated on the side view mirror housing.
- Steering wheel vibration activated during lane change.
- Short steering intervention during lane change after actuation of turn signal.

CAUSE

Incorrect detection of Blind Spot Warning sensor (HC2-sensor). The radar waves are incorrectly scattered

CORRECTION

Run diagnosis in ISTA 4 and follow the appropriate test.

Install an HC2 sensor shield.

PROCEDURE

For conditions that are similar to the situation described:

1. Run diagnosis with ISTA and work through corresponding test module for related fault codes in the SWW system.

Did ISTA identify root cause?

YES- follow diagnostic recommendations.

NO – Obtain sensor shield (detailed in parts list below), then continue to step 2.



2. Remove the rear bumper panel following repair instructions REP 5112156 – removing and installing rear bumper panel.
3. Install the sensor shield as shown in the picture.

This sensor shield prevents the incorrect scattering of the radar signals at the rear bumper, which causes false warnings.

4. Reassemble the vehicle and retest.

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

PARTS INFORMATION

Part Number	Description	Quantity
51 12 8 075 327	Left side HC2 sensor shield	1
51 12 8 075 328	Right side HC2 sensor shield	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	6632001400	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults) (Plus work)
And:		
		Connect an approved battery

61 21 528	Refer to KSD2	charger/power supply (indicated in KSD 2 as Charging battery)
And, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module
And:		
51 12 656	Refer to KSD2	Removing and installing rear bumper panel
And:		
66 99 000	2 FRU	Work time to install HC2 sensor shields

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

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

Work time labor operation code 61 00 006 is not considered a Main labor operation; however, it does require an individual punch time and an explanation on the repair order and in the claim comments section.

Work time labor operation code 66 99 000 is not considered a Main labor operation. Also, since the “work time” FRU allowance to be claimed is specified, a separate punch time is not required.

Other Repairs

Other work that is performed as a result of performing the ISTA diagnostics and related test plans:

- When covered under an applicable limited warranty, claim this other repair work using the applicable defect code and labor operations in KSD2/AIR.

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