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- SIB 65 02 21

2021-01-25

FALSE ALARM ACTIVATION TRIGGERED BY INTERIOR ULTRASOUND SENSOR

MODEL

E-Series	Model Description	Affected Option Code
G05	X5 Sport Activity Vehicle	0302 Alarm system
G06	X6 Sport Activity Vehicle	
G07	X7 Sport Activity Vehicle	
G20	3 Series Sedan	

SITUATION

The DWA (anti-theft alarm) triggers for no apparent reason with all the vehicle's doors and windows closed.

Fault stored in the FZD (Roof function center):

- 801A55 - Anti-Theft-System: Alarm - details in alarm memory

CAUSE

Sensitivity of the ultrasound sensor in the FZD.

PROCEDURE

1. Verify with the customer if there was anything inside the vehicle that could have moved and triggered the alarm?

YES: Explain to the customer the system operation.

NO: Proceed to next step.

2. Read alarm trigger history ([Alarm system, interior movement detector ABL-DIT-AT6575_20DWA](#)).

3. Is the alarm being triggered by the "ultrasound channel"?

YES: Proceed to next step

NO: SIB does not apply, proceed with diagnosis using ISTA.

4. Is the vehicle current integration level up to **S18A-20-03-430** or higher?

YES: Do not program the vehicle and perform diagnosis with ISTA.

NO: Proceed to next step.

5. Program the vehicle using ISTA 4.22.1x or higher (released February 2020).

Model	Target integration level
G05 G06 G07 G20	S18A-20-03-430 or higher

Note that ISTA 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 DealerSpeed / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

WARRANTY INFORMATION

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

Update the vehicle to the required I-level or higher by performing and submitting for one of the open Technical Campaigns instead.

Please be sure to also perform any additional work (before and/or after) as required by the open campaign(s) on the vehicle. Close any other remaining open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.

Dependent on the above, the following is covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks as applicable below.

Defect Code:	6575401400	Horn / emergency current siren / antitheft tilt alarm sensor (DWA)
Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
61 21 528	Support voltage of the vehicle electrical system / recharge vehicle electrical system battery	Refer to AIR
And, as necessary:		
61 00 006*	Performing vehicle diagnosis – test module (Alarm system, interior movement detector ABL-DIT-AT6575_20DWA)	1 FRU
Or		
00 58 000*	Diagnosis Worktime Flat Rate (See below)	2 FRU
And:		
61 00 730	Programming/encoding control unit(s)	Refer to AIR

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.

Work time labor operation code 61 00 006 or 00 58 000 are not considered Main labor operations.

*As applicable to your center, please refer to [SI B01 01 20](#) or [B01 07 20](#) for claiming your diagnosis work time, job/repair work time (WT), WT and the repair-related explanation procedures.

Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)

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 (including performing the IRAP Control Unit Recovery procedure first as required, refer to the SIB in AIR) 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 the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis).

Other Repairs

If other eligible and covered work is performed as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable defect code and the labor operations that are listed in AIR (including diagnosis).

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Submit an IDS ticket to the Warranty Department or use the chat available in the Warranty Documentation Portal
Parts inquiries	Submit an IDS ticket to the Parts Department