



DEACTIVATION OF THE INTERIOR MOVEMENT DETECTOR/TILT ALARM
SENSOR IS NOT POSSIBLE

MODEL

E-Series	Model Description	Affected Option Code
F85	X5 M Sports Activity Vehicle	Vehicles equipped with option code SA302 ALARM SYSTEM
F86	X6 M Sports Activity Coupe	
F87	2016 to 2018: M2 Coupe 2019, 2020: M2 Competition Coupe	
F95	X5 M Sports Activity Vehicle	
F96	X6 M Sports Activity Coupe	
F97	X3 M Sports Activity Vehicle	
F98	X4 M Sports Activity Coupe	
G01	X3 Sports Activity Vehicle	
G02	X4 Sports Activity Coupe	
G05	X5 Sports Activity Vehicle	
G06	X6 Sports Activity Coupe	
G07	X7 Sports Activity Vehicle	
G12	7 Series Sedan	
G14	8 Series Convertible	
G15	8 Series Coupe	
G16	8 Series Gran Coupe	
G20	3 Series Sedan	
G30	5 Series Sedan	
G32	640i xDrive Gran Turismo	

SITUATION

Customer complains that the interior movement detector and the tilt alarm sensor system cannot be deactivated by pressing the lock button on the remote control / BMW display key twice.

The second button press on the radio remote control / BMW display key is not detected.

Customer may have to press the button 3 times to deactivate the interior movement detector and tilt alarm sensor.

CAUSE

Software error in the control unit of the roof function center (FZD).

PROCEDURE

1. Determine the vehicle's current I-level by either using AIR or the Key reader/ISPA NEXT application:
2. Is the vehicle current integration level up to **S18A-20-07-510 / S15A-20-07-510 / S15C-20-07-510** or higher?

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

NO: Proceed to Step 3

3. Program the vehicle using ISTA **4.24.1x** or higher (released beginning of **July 2020**, pending verification).

Target integration level
S15A-20-07-510 or higher
S15C-20-07-510 or higher
S18A-20-07-510 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.

Important: Until I level S19A-20-07-510 / S15A-20-07-510 / S15C-20-07-510 is available, the interior movement detector / tilt alarm sensor can only be deactivated by pressing multiple times on the buttons of the radio remote control / display key.

Deactivation of the interior movement detector / tilt alarm sensor can be checked at the indicator light

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.

If you have this situation, please do not wait for the software release noted above, 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) the campaign repairs require and/or close the remaining open programming and encoding Technical Campaign repairs as outlined in the corresponding Service Information Bulletin.

When the BMW software solution for the issue described in this bulletin becomes available, if applicable, perform the update through any newer programming and encoding Technical Campaign repairs that now apply to the vehicle.

Otherwise, the BMW software solution is then covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program; and claimed as described below.

Defect Code:	6131740200	FZD roof function centre software error / internal equipment fault
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	Connect an approved battery charger/power supply (indicated in AIR as Charging battery)	Refer to AIR
And:		
61 00 730	Programming/encoding control unit(s)	Refer to AIR

Labor operation code 00 00 006 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

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

Vehicle Programming and Encoding (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 with separate punch times).

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 with separate punch times).