



DWA ANTI-THEFT ALARM ACTIVATES FOR NO APPARENT REASON

This Service Information Bulletin (Revision 1) replaces SI B65 14 20 **dated July 2020**.

What's New (Specific text highlighted):

- Procedure updated
- Parts information
- Warranty information

MODEL

E-Series	Model Description	Production Date	Affected Option Code
F90	M5 Sedan LCI (Life Cycle Impulse)	June 30, 2020 - August 13, 2020	302 Alarm System (100% Option in US)

SITUATION

The alarm system is activated due to no apparent external or internal influence.

CAUSE

Sensitivity of internally installed tilt alarm sensor in the alarm system (DWA).

CORRECTION

Program the Body Domain Controller (BDC).

PROCEDURE

1. Determine the vehicle's current I-level by either using AIR or ISPA NEXT application.
2. Is the current vehicle integration level:

Model	Target integration level
F90	S15A-20-07-530 or higher

NO: Proceed to Step 3 and 4

YES: Do not program the vehicle and proceed to Step 4

3. Program the vehicle using ISTA 4.24.2x or higher (released July 2020).

Model	Target integration level
F90	S15A-20-07-530 or higher

4. Install a vibration dampener pad following the procedure below.

- Remove the left rear wheel.

 <p>RB36 00039</p>	
 <p>RB51 03408</p>	<ul style="list-style-type: none"> Remove the left rear wheel arch cover.
	<ul style="list-style-type: none"> Remove the emergency horn with tilt sensor located by the wheel arch liner. <p>Note: (the emergency power siren including the cover does not have to be removed from the holder)</p> <ul style="list-style-type: none"> Clean moisture and dirt from area shown on the left picture Install vibration dampener pad. Reassemble vehicle and test system operation.

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](#)) when performing programming.

For information on programming and coding with ISTA, refer to DealerSpeed / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

Part Number	Description	Quantity
16 11 1 182 585	Base	1

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) the campaign repairs require and/or close the remaining open programming and encoding Technical 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)
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The current vehicle integration level IS at S15A-20-07-530 or higher (through another repair during the same workshop visit)

Labor Operation	Description	Labor Allowance
65 75 555	Remove and install emergency horn with tilt sensor to install a vibration dampener (Plus work)	Refer to AIR
And:		
65 99 000	Job/repair work time to clean moisture and dirt from the area shown above and install the vibration dampener pad	1 FRU

Or:

The current vehicle integration level IS at S15A-20-07-530 or higher (updated prior and no other Main work will be claimed)

Labor Operation	Description	Labor Allowance
65 75 055	Remove and install emergency horn with tilt sensor to install a vibration dampener (Main work)	Refer to AIR
And:		
65 99 000	Job/repair work time to clean moisture and dirt from the area shown above and install the vibration dampener pad	1 FRU

Or:

The current vehicle integration level IS NOT at S15A-20-07-530 or higher and no programming/encoding campaign is open or applies.

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
And:		
65 75 555	Remove and install emergency horn with tilt sensor to install a vibration dampener (Plus work)	Refer to AIR

And:		
65 99 000	Job/repair work time to clean moisture and dirt from the area shown above and install the vibration dampener pad	1 FRU

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 65 99 000 is not considered a Main labor operation.

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