



## DYNAMIC STABILITY CONTROL (DSC) UNIT DOES NOT RESPOND AFTER PROGRAMMING

### MODEL

E-Series	Model Description	Production Date
F90	M5 Sedan	July 1, 2020 – January 29, 2021
G30	5 Series Sedan	July 1, 2020 – January 29, 2021

### SITUATION

After programming the vehicle using ISTA, the DSC control unit does not respond.

Or:

In the case of a BMW Remote Software Upgrade, the customer gets a Check Control message:

- “BMW Remote Software Upgrade failed. Vehicle is not operational. Please call BMW Roadside Assistance.”

Vehicles from I-Level I-20-07-5xx to older than I-20-11-550 are affected.

### CAUSE

Weakness in the DSC processor.

### CORRECTION

The fault is rectified with ISTA 4.28.1x which is expected to be available at the end of February (pending verification).

### PROCEDURE

If you have the situation noted above, until the February software update becomes available:

- Perform a battery reset; and
- Repeat programming and select DSC manually to “force” the programming

If necessary:

- Replace the control unit if it is still unresponsive after the reprogramming attempt

### PARTS INFORMATION

Only if applicable, 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
Refer to ETK	Repair kit for DSC / DXC control unit	1

### WARRANTY INFORMATION

Vehicles that are already in the workshop, in conjunction and after performing a prior programming and encoding procedure (Campaign or normal repair)

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program as applicable below.

Defect Code:	Refer to AIR	Claim with the defect code that applies to the initial/previous repair work that necessitated this additional work procedure to be performed
<b>Labor Operation</b>	<b>Description</b>	<b>Labor Allowance</b>
61 20 900	Disconnecting and connecting battery ground lead	Refer to AIR
And:		
61 00 731	Additional work after 1st termination when	Refer to AIR

programming/encoding

And, if required:

Labor Operation	Description	Labor Allowance
34 52 519	Replacing the DSC control unit	Refer to AIR
And:		
61 00 732	Additional work after 2nd termination when programming/encoding	Refer to AIR

Or, when the:

**Vehicle arrives after a failed BMW Remote Software Upgrade**

Vehicle **with** an open programming and encoding Technical Campaign repair

Defect Code:	Refer to AIR/SIB	Programming and Encoding Technical Campaign Repair
Labor Operation	Description	Labor Allowance
61 20 900	Disconnecting and connecting battery ground lead	Refer to AIR
And:		
Refer AIR/SIB	Programming/encoding control unit(s) (Main or Plus)	Refer to AIR/SIB
And, if necessary:		
61 00 731	Additional work after 1st termination when programming/encoding	Refer to AIR

And, if required:

Labor Operation	Description	Labor Allowance
34 52 519	Replacing the DSC control unit	Refer to AIR

And, depending on the above:

Labor Operation	Description	Labor Allowance
61 00 731	Additional work after 1st termination when programming/encoding	Refer to AIR
Or:		
61 00 732	Additional work after 2nd termination when programming/encoding	Refer to AIR

Or:

Vehicles **without** an open programming and encoding Technical Campaign repair

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program as applicable below.

Defect Code:	3452101500	DSC control unit Permanent malfunction
:		
Labor Operation	Description	Labor Allowance
61 20 900	Disconnecting and connecting battery ground lead	Refer to AIR
And:		
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:		
61 00 730	Programming/encoding control unit(s)	Refer to AIR
And, if necessary:		
61 00 731	Additional work after 1st termination when programming/encoding	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.

And, if required:

Labor Operation	Description	Labor Allowance
34 52 519	Replacing the DSC control unit	Refer to AIR

And, depending on the above:

Labor Operation	Description	Labor Allowance
61 00 731	Additional work after 1st termination when programming/encoding	Refer to AIR
Or:		
61 00 732	Additional work after 2nd termination when programming/encoding	Refer to AIR

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

### **Programming and Encoding the 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 IRAP recovery procedure (when applicable as required)/repair work 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).

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), RO/Claim WT and/or repair explanation procedures.

### **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