



Model

G05 (X5 Sports Activity Vehicle)	G07 (X7 SAV)	G14 (8 Series Convertible)	G15 (8 Series Coupe)
G20 (3 Series Sedan)	G29 (Z4 Roadster)		

Situation

After programming the vehicle, it is suddenly not possible to unlock or lock the vehicle using the Digital Key, or the Digital Key Card.

Cause

Software error in the Body Domain Controller (BDC) control unit.

Correction

Reprogram the vehicle.

Procedure

1. Perform diagnosis with the latest version of ISTA, working through test module, if needed.
2. Is the current integration level **S18A-19-03-522 or S18A-19-03-530 or S18A-19-03-535?**

YES: Proceed to Step 3

NO: Do not program the vehicle. Instead perform standard diagnosis with ISTA.

3. Is the following integration level available, **ISTA 4.17.1x S18A-19-03-540** (estimated availability late April, 2019)

YES: Proceed to Step 4

NO: Perform a control module reset via ISTA, then retest functionality.

4. Program the vehicle using ISTA 4.17.1x or higher.

Model	Target integration level
G05 G07 G14 G15 G20 G29	S18A-19-03-540 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 CenterNet / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

Warranty Information

Select either A, B, C, or D:

A. Vehicle integration level IS NOT S18A-19-03-522, S18A-19-03-530 or S18A-19-03-535

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

B. Vehicle integration level IS S18A-19-03-522, S18A-19-03-530 or S18A-19-03-535

Defect Code:	61 38 27 02 00	BDC Body Domain Controller software error/internal equipment fault
---------------------	-----------------------	---

Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to AIR	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to AIR	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to AIR	Connect an approved battery charger/power supply (indicated in AIR as Charging battery)

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, for choices A or B:

C. Integration level ISTA 4.17.1x S18A-19-03-540 IS NOT available (estimated availability late April, 2019)

Labor Operation:	Labor Allowance:	Description:
61 00 006	1 FRU	Performing vehicle diagnosis – test module (BDC control module reset)

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.

Or:

D. Integration level available ISTA 4.17.1x S18A-19-03-540 IS available

Labor Operation:	Labor Allowance:	Description:
61 00 730	Refer to AIR	Programming/encoding control unit(s)

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

During the same workshop visit, **if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.**

Programming and Encoding - Vehicle Control Units

A. 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 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.

B. For control module failures that occurred prior to performing this programming procedure:

- When covered under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations (including diagnosis) in AIR.