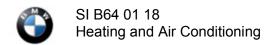
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February 2018 Technical Service

TEMPERATURE REGULATION OF AUTOMATIC CLIMATE CONTROL SYSTEM IS NOT ACCEPTABLE

MODEL

G01 (X3)	G12 (7 Series)	G30 (5 Series Sedan)	G32 (6 Series Gran Turismo)
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Produced through December 10, 2017

SITUATION

Air distribution and/or temperature regulation variation exceeds design parameters. System does not maintain the environment close enough to selected temperature.

CAUSE

Software error in the IHKA (Integrated Automatic Heating/Air Conditioning) - Control Unit.

CORRECTION

Diagnose with ISTA and reprogram.

PROCEDURE

For conditions that are similar to the situation described:

- 1. Perform diagnosis with the latest version of ISTA, working through test module, if needed.
- 2. Program the vehicle using ISTA 4.09.1x or higher.

G01 , G12, G30, G32	Target integration level: S15A-17-11-540 or higher
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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.

PARTS INFORMATION

Parts replacement will not provide a solution to this situation.

WARRANTY INFORMATION

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

Defect Code:	6411230200	
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Labor Operation:	Labor Allowance:	Description:	
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)	
Or:			
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)	
And:			
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as Charging battery)	
And, if necessary:			
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module	
And:			
61 00 730	Refer to KSD2	Programming/encoding control unit(s)	

And, additionally for the:

e-Vehicles

Labor Operation:	Labor Allowance:	Description:
61 25 910	REIELIUKSII	Recharging high-voltage battery unit (to high voltage charging socket)

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 KSD2/AIR for the corresponding flat rate unit (FRU) allowances.

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.

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

Vehicle Programming and Encoding

- 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 KSD2/AIR labor operations.

Please explain this additional work (The why and what) on the repair order in the claim comments section.

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B. For control module failures that occurred "prior" to performing this programming procedure; and/or

- C. Other work/repairs that results from performing ISTA diagnostics and the related test plans:
 - 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 KSD2/AIR.

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