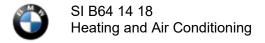
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January 2019 Technical Service

# NO COOLING INTERMITTENTLY FROM VENTS

# **MODEL**

G12 (7 Series)	G30 (5 Series)	G32 (6 Series)	F90 (M5)

### **SITUATION**

After a long journey (more than 30 minutes), the customer notices the cooling power is too low or non-existent. Air exiting the vents is intermittently reduced although the blower setting remains the same.

The fault can occur under the following conditions:

- · Air Conditioning switched ON
- At lower blower speeds
- Temperature setting is set lower than 68 degrees Fahrenheit
- Outside temperature is greater than 68 degrees Fahrenheit
- Journey time of at least 30 minutes

### CAUSE

Evaporator icing up

#### CORRECTION

Reprogram vehicle

# **PROCEDURE**

- 1. Perform diagnosis with the latest version of ISTA, working through test module, if needed.
- 2. Is the vehicle Integration Level lower then **S15A-18-11-523**?

Yes-proceed to Step 3

No- No programming is needed, using ISTA work through test modules to diagnose vehicle.

3. Program the vehicle using ISTA 4.14.1x or higher.

Model	Target integration level
G12, G30, G32, F90	<b>S15A-18-11-523</b> 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).

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

### WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	6400315900	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to AIR/KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to AIR/KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to AIR/KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as Charging battery)
And:		
61 00 730	Refer to AIR/KSD2	Programming/encoding control unit(s)

And, additionally for the:

#### e-Vehicles

Labor Operation:	Labor Allowance:	Description:
61 25 910	Refer to AIR/NSD7	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 AIR/KSD2 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

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bulletin with the applicable AIR/KSD2 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/KSD2.

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