



INSUFFICIENT AIR COMING FROM VENTS

MODEL

F39 (X2)	F48 (X1)	I01 (I3)	I12 (I8)
I15 (I8 Spyder)			

SITUATION

Air quantity from vents does not change with blower speed. The customer may experience the following:

- Fogging of the windshield and side windows due to excessive condensation
- Vehicle does not get sufficiently warm
- Sporadic increase in air quantity from the vents
- Stuffy air
- Spontaneous window fogging during tunnel driving
- Around 50mph the amount of air does not increase despite actuation of the blower

CAUSE

Software error in IHKA (Automatic Climate Control) module.

CORRECTION

Reprogram vehicle

PROCEDURE

1. Perform diagnosis with the latest version of ISTA, working through test module, if needed.
2. Is the vehicle within the following Integration Level?

Model	Integration level
F39, F48	F056-18-03-530 to F056-18-07-523
I01, I12, I15	I001-18-03-530 to I001-18-07-520

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 4.12.3x or higher.

Model	Target integration level
F39, F48	F056-18-07-530 or higher
I01, I12, I15	I001-18-07-530 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

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	
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/KSD2	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.

Programming and Encoding - Vehicle Control Units

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.

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/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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