



EXCESS NOISE WHEN DEFROST BLOWER IS AT MAX

New information provided by this revision is preceded by this symbol .

This Service Information bulletin supersedes SI B64 05 18 **dated June 2018**.

Whats New:

- Production dates updated
- Parts amended with new vent ducts
- Procedure updated with replacement of improved ducts
- Defect Code updated

MODEL

G01 (X3)	G02 (X4)
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Vehicles with standard climate control or SA534 integrated automatic heating/air conditioning system.

Vehicles produced from June 1, 2017 to September 14, 2018

SITUATION

Loud, rushing, wind noise is heard from ventilation outlets, as shown in video, <https://tinyurl.com/V640418> when defroster blower is set at maximum speed.

CAUSE

- Software error in IHKA (Automatic Climate Control) module.
- Ventilation duct noise

CORRECTION

Reprogram vehicle.



Note: Reprogramming vehicle will not eliminate ventilation noises created by situations other than

blower at maximum defrost.

Noise complaints in all blower speeds **except maximum defrost** can be corrected by installing improved ventilation ducts.

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 4.11.3x or higher.

Model	Target integration level
G01, G02	S15A-18-03-541 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](#)).

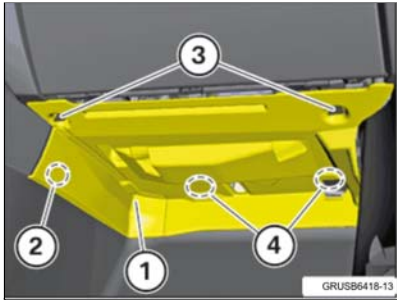
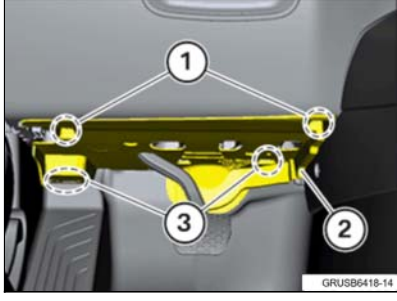
For information on programming and coding with ISTA, refer to CenterNet / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

3. Does the customer have noise complains other than maximum defrost?

NO: You are finished with the repair

YES: Proceed to the next step

4. Replace the left and right footwell ventilation ducts per the instructions below:

	<p>Remove the footwell trim panel on the right:</p> <ul style="list-style-type: none"> • Unclip the trim panel (1) inwardly in area (2) • Turn the locks (3) by 90° • Unhook right footwell trim panel (1) inwards from the guides (4) • Unlock associated plug connections and disconnect • Replace the right hand side footwell ventilation duct • Reinstall the right trim panel
	<p>Remove the footwell trim panel on the left:</p> <ul style="list-style-type: none"> • Turn the locking mechanism (1) 90° and release • Detach the trim panel for the pedal mechanism (2) inwardly out of the guides (3) • Unlock associated plug connections and disconnect • Remove the trim panel for the pedal assembly (2) • Replace the left hand side footwell ventilation duct • Reinstall the left trim panel

UPDATE ! PARTS INFORMATION

Part Number	Description	Quantity
64 22 9 458 308	Left footwell duct	1
64 22 9 458 331	Right footwell duct	1

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:	6422093900	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2/AIR	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2/AIR	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to KSD2/AIR	Connect an approved battery charger/power supply (indicated in KSD2 as Charging battery)
And, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module
And:		
61 00 730	Refer to KSD2/AIR	Programming/encoding control unit(s)
And if needed:		
51 45 586	Refer to KSD2/AIR	Remove trim panel for pedal mechanism and replace left hand footwell duct
And:		
51 45 695	Refer to KSD2/AIR	Remove instrument trim panel and replace right hand footwell duct

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 and in the claim comments section.

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.

Posted: Wednesday, November 21, 2018

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