

**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.

CAUSE

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

CORRECTION

Reprogram vehicle.

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.

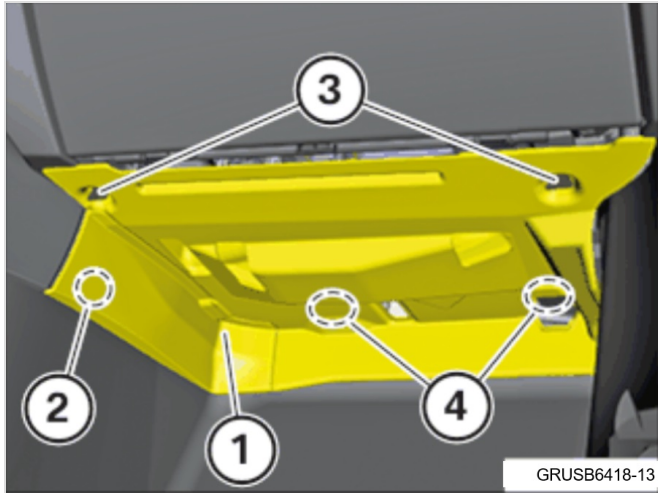
Model	Target integration level
G01, G02	S15A-18-03-541

Note that ISTA will automatically reprogram and code all programmable control modules that do not have the latest software.

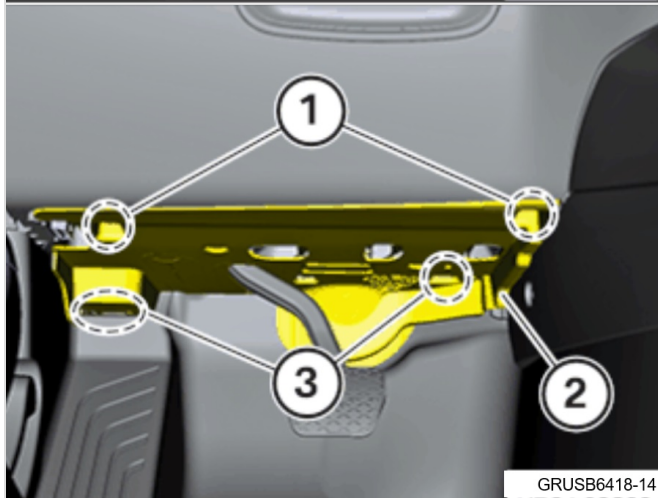
Always connect a BMW-approved battery charger/power supply (SI B04 23 10).

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

1. Does the customer have noise complains other than maximum defrost?
2. NO: You are finished with the repair
3. YES: Proceed to the next step
4. Replace the left and right footwell ventilation ducts per the instructions below:



Remove the footwell trim panel on the right:



Remove the footwell trim panel on the left:

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

