



## Temperature of air from vents is opposite of the selection.

### MODEL



G12 (7 Series) Production to July 01, 2016

### SITUATION

Temperature of air (heat vs. cool) from air conditioning system is opposite of the selection.

Air temperature matches selection after sleep mode or vehicle restart.



All fault codes below will be present in IHKA control unit:

- 801120 - Motor air distribution rear right: initialization error
- 801122 - Motor air mix left or air mix: internal error
- 801126 - Motor air mix right: initialization error
- 801129 - Motor air mix rear left or air mix rear: initialization error
- 80112C - Motor air mix rear right: initialization error
- 801138 - Motor indirect ventilation: initialization error
- 80110E - Motor ventilation right: initialization error
- 801105 - Motor circulation: initialization error
- 801117 - Motor footwell left: initialization error
- 801114 - Motor layering right: initialization error
- 801102 - Motor fresh air or fresh air/circulation: initialization error
- 80110A - Motor ventilation left or ventilation/footwell: internal error
- 80111A - Motor footwell right: initialization error
- 801111 - Motor layering left or layering: initialization error
- 801108 - Motor defrost: initialization error
- 80111D - Motor air distribution rear left or air distribution rear: initialization error

### CAUSE

Improper positioning of air distribution flaps in HVAC system.

 **CORRECTION**

Reprogram Heating/Air Conditioning Control Unit (IHKA) if all fault codes are present in the above situation..

## PROCEDURE

1. Run diagnosis with ISTA and work through the corresponding test module.
2. Program and encode the vehicle with ISTA/P 3.59.0 (integration level S15A 16-07-501) or a more recent version.



Note: Parts replacement will not resolve the situation.

**Always connect a BMW approved battery charger / power supply ([SI B04 23 10](#)).**

Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software. For information on programming and coding with ISTA/P, 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.

<b>Defect Code:</b>	<b>64 11 64 15 00</b>	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	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	Programming / encoding control unit (s)

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Refer to KSD2 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.

### **Vehicle Programming and Coding**

Control module failures that occur during programming:

- Please claim these consequential repairs under the defect code listed in this bulletin and use the applicable KSD2 labor operations.

### **Other Repairs**

Control module failures that occur prior to programming and/or additional work is performed as a result of performing the ISTA diagnostics and related test plans:

- When covered under an applicable limited warranty, claim these repairs using the applicable defect code and labor operations in KSD2.

[ Copyright ©2016 BMW of North America, Inc. ]