



SIB 64 06 21

2021-07-26

DIFFERENT AIR TEMP FROM LEFT TO RIGHT OUT OF THE VENT

MODEL

E-Series	Model Description	Production Date
F39	X2 Sports Activity Coupe	From SOP to July 28 2020
F44	2 Series Gran Coupe	
F48	X1 Sports Activity Vehicle	
I01	i3	

SITUATION

Different air temperatures are felt from left to right out of the front fresh air grilles (air vent).

The following fault code is saved in the IHKA (integrated automatic heating/air conditioning system) control unit:

801189 - Engine mixed air right: Initialization fault

CAUSE

Due to the constant pressure on the end stop of the mixed air flap, it may become deformed and in some cases break off.

As a result, one of the air flap units may no longer move correctly



CORRECTION

Test operation of the mixed air flap. Repair as needed.

PROCEDURE



In the event of a customer complaint, proceed as follows.

Follow repair instructions Replacing controller drive of air mixing flap, front right (M83a) to access the stepper motor.

Note: On G01 this stepper motor is numbered M83a. The motor is numbered differently on different models.

Remove the servomotor of the mixed air flap adjuster and attempt to turn the mixed air flap adjuster by hand.

- If the mixed air flap adjuster can be turned by hand, only the servomotor needs to be replaced. Run the stepper motor initialization test plan and allow vehicle to enter sleep mode. Then reassess the vehicle.
- If it is not possible to turn the mixed air flap adjuster by hand, or only with great difficulty, the empty housing of the heating and air-conditioning unit must be replaced. Observe repair instructions 64 11 197.



Important: The revision index of the new part must be 04 or higher! (These images are for examples only)



PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

WARRANTY INFORMATION

This Service Information bulletin provides technical, diagnostic, and repair-related information.

Eligible and Covered Work/Repairs

When used to repair a verified defect in materials or workmanship, the repair procedure information provided in this bulletin is covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

To submit a claim, please follow the established and applicable warranty policy and procedures (Labor/Part/Sublet - Bulk materials) that apply to the repair being performed.

Select and use the Defect Code below that applies to the work performed:

- 64 11 72 12 00: Actuator, stratification/ventilation flap, heater/heat exchanger Permanent failure
- 64 11 69 29 00: Stratification/ventilation flap, heater/heat exchanger Sticking/jammed

Refer to AIR for the flat rate labor operations (including diagnosis) and for the flat rate unit (FRU) allowances that also apply.

Only one Main labor operation code can be claimed per repair visit.

The labor operation for Replacing the Heating and Air Conditioning Unit (64 11 206/703/205/702) includes replacing the drained engine coolant and the procedure to extract, evacuate and fill the air conditioning system.

Based on which one applies to your center, please refer to **SI B01 01 20** or **B01 07 20** for claiming your diagnosis work time, job/repair work time (WT), RO/Claim WT and/or repair explanation procedures, unless otherwise required by State law.

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Please contact the Warranty department by either using the Live Chat that's available in the Warranty Documentation Portal or through IDS by selecting Coverage, Policy, Coding Questions and Mileage Corrections

Parts inquiries

Submit an IDS ticket to the Parts Department