

## Condition

Model(s)	Year(s)	VIN Range	Vehicle Specific Equipment
Q4 e-tron	2022 - 2024	All	With PR: KK2 (R744 refrigerant)

### Customer states:

The customer complains that the air conditioning does not work or its output is insufficient.

### Workshop findings:

The complaint can be reproduced in the workshop.

The refrigerant circuit is not filled with the required amount of refrigerant.

No leaks can be clearly determined in the refrigerant circuit (R744) as part of the pressure test with forming gas and gas leak detector (VAS 523 003) described in the Workshop Manual.

The following event memory entry (active/static) may be logged in the control unit for air conditioner/heater electronics (diagnostic address 0008):

- **B1903F0** Refrigerant fill level too low.

## Technical Background

Micro-leaks at the connections of the refrigerant lines to the connector blocks on the components enable refrigerant R744 to dissipate.

## Production Solution

Not applicable.

## Service

To prevent micro-leaks in the refrigerant circuit, the bolts at the connector blocks can be tightened.

For this purpose, dismantle the air intake box from the heater and air conditioner unit as specified in Workshop Manual.

The bolts for the refrigerant lines can then be tightened to 13 Nm as specified in the instructions provided with this TSB.

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"><li>• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.</li></ul>
<b>Service Number:</b>	8739
<b>Damage Code:</b>	0018

<b>Labor Operations:</b>	Drain and fill refrigerant	8703 17xx	See SRT with associated operations
	Checking the air conditioner	8701 01xx	See SRT with associated operations
	Remove and install cover (front)	5192 19xx	See SRT with associated operations
	Remove and install cowl panel trim	6644 19xx	See SRT with associated operations
	Remove and install blower housing	8532 19xx	See SRT with associated operations
	Secure refrigerant lines (tighten bolts for refrigerant lines as specified in instructions)	8739 1499	20 TU
	GFF	0150 0060	Time stated on the diagnostic protocol
	Charge battery	2706 8950	See SRT with associated operations
<b>Claim Comment:</b>	As per TSB 2080917/1		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

Please note the information on predecessors and items that are included and excluded in the repair operations as well as any associated tasks.

## Additional Information

All part and service references provided in this TSB (**2080917**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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