

2010146/4

Nov. 19, 2007

Supersedes Technical Service Bulletin Group 87 number 06-03 dated Aug. 28, 2006 to add 2008 model years and for reformatting.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All	2005 – 2008	All	Not Applicable

Vehicle Information

Unpleasant odor from heating and ventilation system

Condition

Unpleasant "musty" odor from Heating and Ventilation system. Odor mainly occurs after vehicle has been sitting unused at least 5 hours and within 20 to 60 seconds after vehicle is first started.

Technical Background

Condensate is a normal condition in all A/C systems. If odor is noticeable without engine started, this may be due to mold and mildew in the passenger compartment, not from the A/C system. All other possible sources of unpleasant odor must be addressed before performing this Technical Service Bulletin. Consider the following conditions before proceeding:

- ^ Evaporator housing drain must be open and free of debris.
- ^ Cabin must be sealed with no water ingress into the passenger compartment.
- ^ Plenum drains must be clear and free of debris.
- ^ Pollen filter must be clean and free of moisture.

Contaminants are effectively neutralized using the Aircomatic(R) II Ultrasonic Climate System Cleaner (VAS 6189A) and Airco-Clean(R) Ultrasonic Air Conditioning Treatment (VAS 6189/1). All other cleaning methods are no longer permitted.

Production Solution

Not applicable.

Service

1. If the vehicle is equipped with a pollen filter that is located inside the cabin such as in the A3, A6 and Audi Q7 then the pollen filter element will need to be removed and its cover reinstalled before performing this procedure.
2. Start engine.



Figure 1. Climate control settings.

3. Set climate control temperature to its lowest setting. Set fan speed to its lowest setting. Set airflow direction to the dash vents only. Activate recirculation and ECON modes.



Figure 2. Pouring the treatment into the filling chamber.

4. Thoroughly shake a 100ml bottle of treatment and empty the bottle into the filling chamber

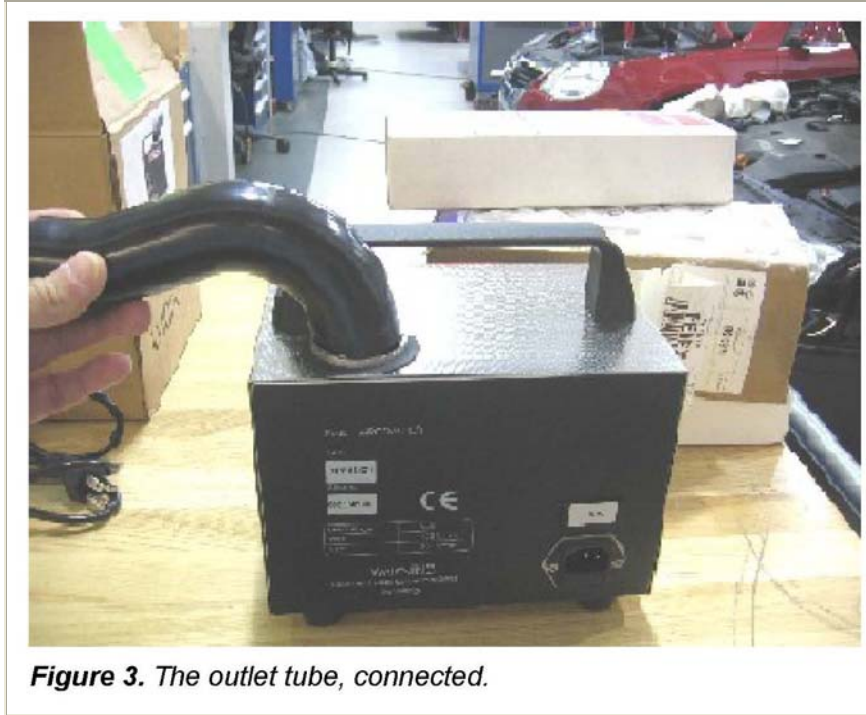


Figure 3. The outlet tube, connected.

5. Connect the outlet tube.



Figure 4. Proper usage of the cleaning unit.

6. Place the cleaning unit into the passenger footwell, making certain that the unit is as level as possible. Connect the power cord and route it through a slightly opened window. The remaining windows and sunroof should be completely closed.

7. Switch unit on and position the outlet tube such that the vapor is drawn into the recirculation air intake, generally in the passenger footwell area. Refer to the appropriate repair information for exact location. Close all doors. The atomized cleaning fluid will begin coming out of the vents. After about 15-20 minutes, the treatment stops automatically.



Figure 5. Correct positioning of the outlet tube.

8. If the vehicle is an Audi Q7 with 4 zone climate control, the rear A/C unit is to be treated as well. Repeat the procedure for the rear A/C unit. Use the same A/C settings as were used for the front A/C unit. Position the outlet tube toward the vent on the left of the rear compartment.
9. Air out the vehicle after the procedure for about 10 minutes.
10. Check the Aircomatic® manual for instructions for unit [maintenance](#) after each use.

Warranty

- ^ This procedure will be allowed only once per vehicle within the first 12 months of service and within the New Vehicle Limited Warranty.
- ^ There must be an original customer complaint of the specified odor symptom on the repair order for this Technical Service Bulletin to apply. Adding on this procedure is not permitted.
- ^ Subsequent applications, should they become necessary, will be the customer's responsibility.
- ^ Replacement of the pollen filter under warranty is not allowed within the performance of this procedure. The pollen filter is covered only where specified at the appropriate [maintenance](#) interval.

WIN	
Claim Type:	W2
Part Identifier:	8760

Damage Code:	8760 49 002 1		
Labor Operations:	87 01 29 40	Air conditioner clean-Audi Q7	135 TU
	87 01 29 40	Air conditioner clean-all models except Audi Q7	70 TU
Diagnostic Time:	No Diagnostic Time Allowed		
Parts Claim:	Charge the cost of the cleaning solution in the 'sublet parts' field on the claim.		
Claim Comment:	As per TSB #2010146/4		
All warranty claims submitted for payment must be in accordance with the <i>Audi Warranty Policies and Procedures Manual</i> . Claims are subject to review or audit by Audi Warranty.			
SAGA			
Claim Type:	110		
Service Number:	8760		
Damage Code:	0049		
Labor Operations:	87 01 29 40	Air conditioner clean-Audi Q7	135 TU
	87 01 29 40	Air conditioner clean-all models except Audi Q7	70 TU
Diagnostic Time:	No Diagnostic Time Allowed		
Parts Claim:	Charge the cost of the cleaning solution in the 'sublet parts' field on the claim.		
Claim Comment:	As per TSB #2010146/4		
All warranty claims submitted for payment must be in accordance with the <i>Audi Warranty Policies and Procedures Manual</i> . Claims are subject to review or audit by Audi Warranty.			

When procedure applies to vehicles under warranty, use the table.

Part Number	Part Description	Quantity
VAS 6189A	Aircomatic® II Ultrasonic Climate System Cleaning unit	1
VAS 6189/1	Airco-Clean® Ultrasonic Air Conditioning Treatment	12 X 100ml bottles

Required Parts and Tools

Additional Information

All parts and service references provided in this TSB are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

