
Smell of mold, decay or urine from ventilation

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Version	1
Design group	83.00 General
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Validity	169, 245, 203, 209, 211, 219, 215, 220, 230, 171, 164 up to A407859, 251 up to A083326, 216 up to A012332, 221 up to A174161
Reason for change	Damage code and damage type deleted

Complaint:

Smell of mold, decay or urine from ventilation.

Cause:

Odor complaints may be due to a wide variety of causes, e.g.:

- Saturation of the filter
- Foreign matter in the interior
- Odors entering from outside
- Hardening of insulation materials
- Contamination of the evaporator due to specific ambient conditions

Note: This GI is not valid for vehicle models that are equipped with air circulation filtering and biocide-coated evaporator: e.g. model series 204, 171, 172, 166, 212, 207, 218, 164 as of A407859, 251 as of A083326, 216 as of A012332, 221 as of A174161. In these vehicle models the evaporator can be ruled out as the cause of the odor and cleaning the evaporator is not an appropriate remedial measure.

A moldy (foul) odor can typically occur for a short time after engine start in all vehicles with air conditioning, is a technically inherent effect which likewise cannot be eliminated by cleaning the evaporator.

However, the latest vehicle models feature the dry-blow function that counteracts this undesirable effect.

Remedy:

The following sequence of steps for eliminating odors in vehicles must be strictly adhered to:

- Identification of the cause of the odor with the aid of the diagnosis tree "Odor" from the Technology Guide "Vehicle Climate Control - Troubleshooting - Function - Design - Operation".

(The "Technology Guide - Vehicle Climate Control - Troubleshooting - Function - Design - Operation" is available in pdf format in SDmedia SDS).

If an odor problem still persists after all the possible causes of odor listed in the fault tree have been ruled out:

- Remove filter inspect it and replace it if it is saturated or clogged.

Note: The filter is a maintenance item and is not covered by warranty!

- Cleaning of the evaporator of the air conditioning system in the installed state using "Mercedes-Benz Contra Sept disinfectant cleaner". Further information on the cleaning procedure can be found in S-B-83.30/134.

- Cleaning of the interior using the "ultrasonic atomizer".

Symptoms
Body / Air conditioning / Air conditioning / Odor /

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Non-EPC
A0005810004			Set consisting of pressure-feed spray gun with 2 spray probes and accessories (starter set)	1	The starter set and disinfectant cleaner are the basic equipment for cleaning the evaporator.	X	
A0099896171			Mercedes-Benz Contra Sept disinfectant cleaner for air conditioning systems (1x 1l container required per vehicle)	1	The disinfectant cleaner and starter set are the basic equipment for cleaning the evaporator.	X	
A0005810005			Spray probe, short	1	Replacement part for starter set (order only when required)	X	
A0005810105			Spray probe, long	1	Replacement part for starter set (order only when required)	X	
A0009971503			Mixer insert	1	Replacement part for starter set (order only when required)	X	
A0169979145			Flat sealing ring	1	Replacement part for starter set (order only when required)	X	
A0005810104			Atomizer (ultrasonic)	1	Order interior cleaner at the same time	X	
A0099898271			Interior cleaner (100 ml)	1		X	

WIS-References			
Document number	Title	Note	Allocation
AR83.30-P-5556A	Clean inside of evaporator and air conditioning system		Remedy