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## Odor from the air conditioning

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Topic number	LI83.30-P-059119
Version	2
Design group	83.30 Air conditioning
Date	07-03-2014
Validity	Model series 166
Reason for change	Damage code added
Reason for block	

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**Complaint:**

Stale odor from the air conditioning

Attachments	
File	Description
Customer and workshop feedback.pdf	Customer and workshop feedback

**Cause:**

Oxidation products of the cavity preservation can enter the interior compartment via the air conditioning.

**Remedy:**

Please obtain information from the attachment "Customer and workshop feedback" (1.1, 1.2 and 2.1)

The document "Climate control diagnostic tree.pdf" should be used to help in the identification of the odor.

After confirmation of odor, the repair can be performed by following the steps below:

- Remove A-pillar paneling on left and right
- Close bodyshell hole (1) with a stop plug as per "Repair instructions TIPS.pdf"
- Install A-pillar paneling on left and right
- Remove interior trim at right and left entrances
- Tape up bodyshell holes (4, 5, 6) as per "Repair instructions TIPS.pdf" (trim adhesive tape to size as required)
- Install interior trim at right and left entrances
- Remove covers under instrument panel
- Remove glove box
- Close bodyshell holes (2, 3) with stop plugs as per "Repair instructions TIPS.pdf"
- Remove radar sensors control unit
- Remove Night View Assist control unit
- Remove front SAM control unit
- Remove foam piece
- Tape up bodyshell holes (7, 8) as per "Repair instructions TIPS.pdf" (trim adhesive tape to size as required)
- Seal off bodyshell holes (9, 10) with seam sealant as per "Repair instructions TIPS.pdf". To apply the seam sealant, fit the hose on the cartridge nozzle and pass it through the bodyshell hole (9, 10).
- Replace combination filter
- Install control units

- Install glove box
- Install cover under instrument panel
- Replace dust filter for heater/ventilation
- Clean evaporator of air conditioning system in the installed position as per AR83.30-P-5555GQ and using only 2 liters of warm tapwater (do not use the ContaSept disinfectant!)
- Clean interior compartment using "ultrasonic atomizer"
- Read out and erase fault memory
- Check for effectiveness of odor remediation, enter results in document "Customer and workshop feedback.pdf" under 2.2
- Residual odor may remain for up to 2 weeks until the odor causing particles are completely removed from HVAC system.
- If the results are not effective, please create a PTSS case with the customer feedback form attached.

Please use damage code 98086 ZZ

Attachments	
File	Description
Climate control diagnostic tree.pdf	Climate control diagnostic tree
Repair instruction TIPS.pdf	Repair instructions

Symptoms
Body / Air conditioning / Air conditioning / Odor

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A 001 998 81 50			Stop plug (40 mm)	4	2 plugs on each side of vehicle	X	
A 003 997 55 86			Stop plug (20 mm)	4	1 plug on each side of vehicle, 2 spare	X	
A 006 989 30 85			Adhesive tape (46 mm)	10	5 pieces on each side of vehicle	X	
A 166 830 03 18			Combination filter	1		X	
A 166 830 02 18			Dust filter	1		X	
A 009 989 82 71			Ultrasonic agent	1	The use of this agent is essential	X	
A 005 989 63 20		9678	Seam sealant	1	Only use this material	X	
A 010 997 89 82			Hose	1	Order approx. 30 cm	X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
			98086 ZZ	

WIS-References			
Document number	Title	Note	Allocation
AR68.30-P-4050WX	Remove/install trim on A-pillar		Parts
AR68.30-P-4100GQ	Remove/install door sill		Parts
AR68.10-P-1500GQ	Remove/install cover below instrument panel (left)		Parts
AR68.10-P-1520GQ	Remove/install cover below instrument panel (right)		Parts
AR68.10-P-1400GQ	Remove/install glove box		Parts
AP83.00-P-8381GQ	Replace dust filter for heater/ventilation		Remedy
AR54.65-P-0040GQ	Remove/install radar sensors control unit	With code 233, 237, 238	Parts
AR54.30-P-3100GQ	Remove/install Night View Assist control unit	With code 610	Parts
AR54.21-P-1254GQ	Remove/install front SAM control unit		Parts
AR83.30-P-5555GQ	Clean evaporator		Remedy
AD00.00-P-2000-04A	Connect STAR DIAGNOSIS, read out fault memory		Parts
AR83.00-P-8384GZ	Replace combination filter		Remedy

Validity		
Vehicle	Engine	Transmission
166.003	*	*
166.004	*	*
166.023	*	*
166.024	*	*
166.055	*	*
166.056	*	*
166.057	*	*
166.058	*	*
166.062	*	*
166.073	*	*
166.074	*	*
166.823	*	*
166.824	*	*
166.856	*	*
166.872	*	*
166.873	*	*
166.874	*	*