



Technical Bulletin

Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Jetta	2011-2017	All	All	All	All
Passat	2012-2017	All	All	All	All
Golf VI	2010-2014	All	All	All	All
Jetta SportWagen	2010-2014	All	All	All	All
Tiguan	2009-2017	All	All	All	All
CC	2009-2017	All	All	All	All

Condition

85 16 03 October 25, 2016 2041609 Supersedes Technical Bulletin V851601 dated March 8, 2016 to add additional model years.

Fresh Air Blower Inoperative

The customer may comment on the following statements:

- The fresh air blower does not work.
- The fresh air blower only runs on level 4.
- The passenger compartment does not warm up.
- The windows are steamed up from the inside.

Technician findings:

- The fresh air blower of the manual air conditioning only runs on level 4.
- The fresh air blower of the Climatronic does not work.

The following entries are logged in the Climatronic control unit:

- 1273-fresh air blower-V2, mechanical fault, static/sporadic
- B10BE07-fresh air blower front – mechanical fault, fault type 2: 0/ 1



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Technical Background

In certain conditions, during cold temperatures and snowfall, fine snow may be drawn into the HVAC blower motor. During stationary periods and low temperatures the accumulated moisture may freeze in the blower motor housing causing limited blower motor functionality.

Production Solution

Jetta 16*:

Optimized right water deflector.

- From vehicle identification number
 - 3VWD17AJ7EM300909

Passat NMS A32*:

Optimized two-piece water deflector.

- From vehicle identification number
 - 1VWBT7A31FC031036

Tiguan 5N*

- Closed water deflector in right plenum chamber.
 - ML1: WVGBV7AX5BW537148
 - ML2: WVGBV7AX8BW001312

Golf 5K1*, Jetta SportWagen AJ5*:

No change, vehicles are no longer produced.



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Service

Procedure for Jetta 16*:

- Remove and inspect the blower motor, see Repair Manual Group 68 Storage Compartments and Covers in Elsa.
- Replace the blower motor **only** if the following conditions are found:
 - Noise from blower bearings.
 - Blower motor is hard to turn or binding.
- On vehicles equipped with manual HVAC system, replace the resistor for the fresh air blower if required.
- Remove the plenum chamber cover.
- Remove the air intake grille according to the repair manual.
- Position the filter housing (part number 5C6 819 343) with 3 clips (part number 7L6 133 847 A) on the induction flange, see figure 1 and 2, red arrows.

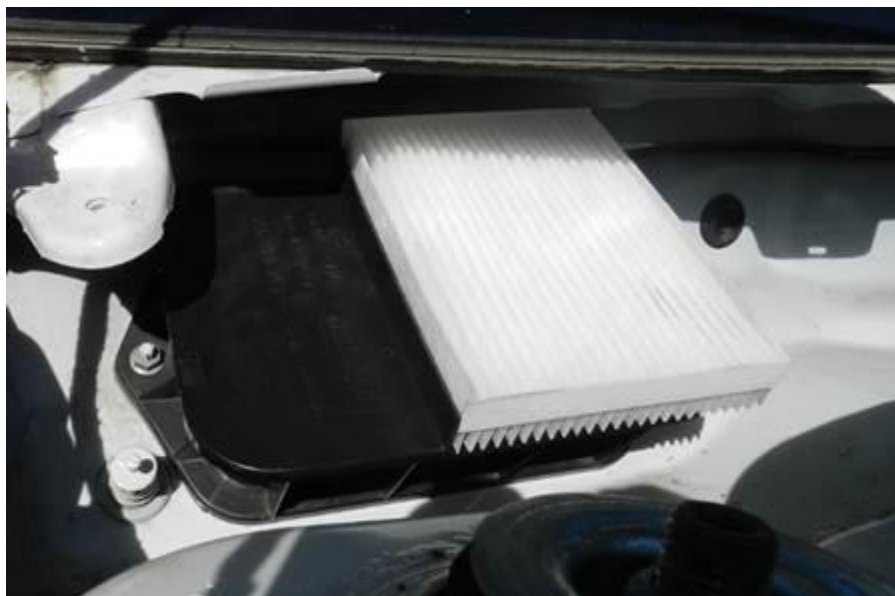


Figure 1: example Jetta: filter housing (part number 5C6 819 343). Figure 2) red arrows mark the mounting points of the clips (part number 7L6 133 847 A).



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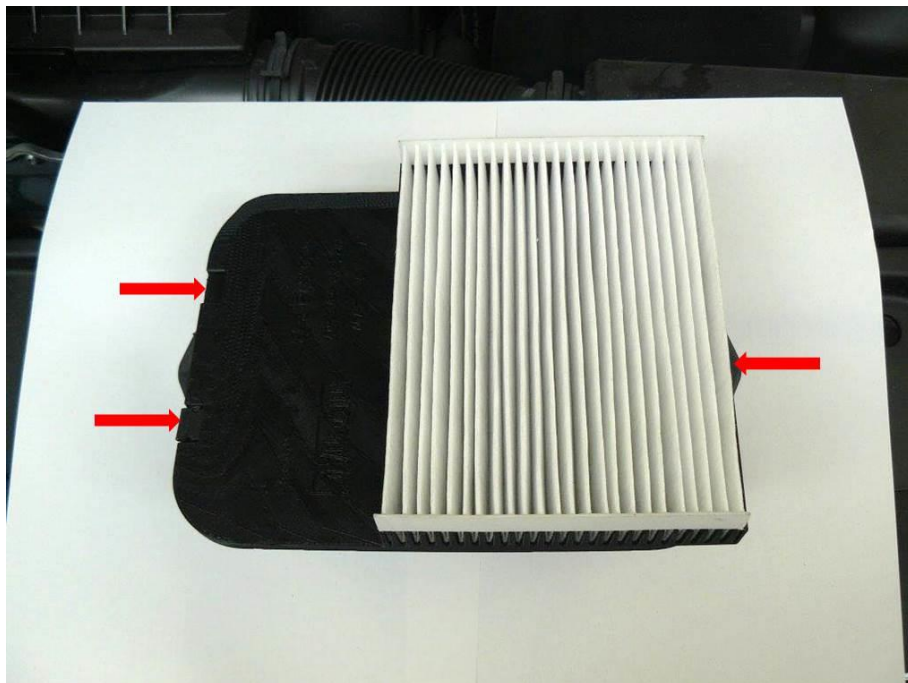


Figure 2: Figure 2) red arrows mark the mounting points of the clips.



Figure 3: example Jetta: attachment of the filter housing on the air intake grille with clips part number 7L6 133 847 A (red arrows).

- Re-install the air intake grille with filter housing according to the repair manual.



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Tip:

Check according to the vehicle identification number (see under Production) whether an installation of the closed water deflector is necessary.

- Install an optimized water deflector (part number 5C7 819 404 A 9B9) according to the repair manual on the right side of the plenum chamber.

Procedure for Passat NMS A32*:

- Remove and inspect the blower motor, see Repair Manual Group 68 Storage Compartments and Covers in Elsa.
- Replace the blower motor **only** if the following conditions are found:
 - Noise from blower bearings.
 - Blower motor is hard to turn or binding.
- On vehicles equipped with manual HVAC system, replace the resistor for the fresh air blower if required.
- Remove the plenum chamber cover.
- Remove the air intake grille according to the repair manual.
- Install the filter housing (part number 561 819 343) with 3 clips (part number 7L6 133 847 A) on the induction flange, see figure example (Jetta) 1, 2 and 3, red arrows.
- If vehicle is **before** VIN break 1VW___A3_FC031036
 - Complete repair according to Technical Service Bulletin 2037280 Water or Snow in Blower Housing.



Note:

If vehicle is built before VIN break 1VW___A3_FC031036 use only Technical Service Bulletin 2037280 Water or Snow in Blower Housing for warranty claim processing.

- If vehicle is **after** VIN break 1VW___A3_FC031036
 - Re-install the air intake grille with filter housing according to the repair manual.



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Procedure for Tiguan 5N*:

- Remove and inspect the blower motor, see Repair Manual Group 68 Storage Compartments and Covers in Elsa.
- Replace the blower motor **only** if the following conditions are found:
 - Noise from blower bearings.
 - Blower motor is hard to turn or binding.
- On vehicles equipped with manual HVAC system, replace the resistor for the fresh air blower if required.
- Remove the plenum chamber cover.
- Remove the air intake grille according to the repair manual.
- Fit the filter housing (part number 561 819 343) with 3 clips (part number 7L6 133 847 A) on the induction flange, see illustration 1 and 2, red arrows.



Note:

Check according to the vehicle identification number (see under Production) whether an installation of the closed water deflector is necessary.

- Install an optimized closed water deflector (part number 5N1 819 404 A 9B9) according to the repair manual on the right side of the plenum chamber.
- Re-install the air intake grille with filter housing according to the repair manual.

Procedure for Golf 5K1* Jetta SportWagen AJ5* and CC 35*:

- Remove and inspect the blower motor, see Repair Manual Group 68 Storage Compartments and Covers in Elsa.
- Replace the blower motor **only** if the following conditions are found:
 - Noise from blower bearings.
 - Blower motor is hard to turn or binding.
- On vehicles equipped with manual HVAC system, replace the resistor for the fresh air blower if required.
- Remove the plenum chamber cover.
- Remove the air intake grille according to the repair manual.
- Install the filter housing (part number 1K0 819 343) with 3 clips (part number 7L6 133 847 A) on the induction flange, see illustration 1, 2 and 3 red arrows.
- Re-install the air intake grille with filter housing according to the repair manual.



Note:

Please advise customer that an extreme cold weather filter has been installed on the fresh air inlet of the HVAC system.



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Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Jetta	2011-2017	All	All	All	All
Passat	2012-2017	All	All	All	All
Golf VI	2010-2014	All	All	All	All
Jetta SportWagen	2010-2014	All	All	All	All
Tiguan	2009-2017	All	All	All	All
CC	2009-2017	All	All	All	All
SAGA Coding					
Claim Type:		Use applicable Claim Type ¹⁾			
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
8530	0040	--		Use applicable when indicated in Elsa (L/R)	
Parts Manufacturer		Passat, Golf, Tiguan, CC		WVO ²⁾	
		Jetta, Jetta SportWagen		3ME ²⁾	
Labor Operation ³⁾ : Cowl panel remove cover Remove and Install			66441900 = 30 TU (Jetta 162/163) -passenger side- 66441900 = 40 TU (Passat) 66441900 = 20 TU (Tiguan, CC) -passenger side- 66441950 = 20 TU (Golf, Jetta SportWagen)		
Labor Operation ³⁾ : Wiper arm Remove and Install			92252000 = 30 TU (Golf, Jetta SportWagen)		



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Labor Operation ³⁾ : Blower housing intake cover Remove and Install (including bumper installation)	66441999 = 10TU (All)	
Labor Operation ³⁾ : Blower Motor Remove and install	85301950 = 10 TU (All)	
Labor Operation ³⁾ : Blower Resistor (Manual AC only) Remove and install	85251950 = 10 TU (All)	
Labor Operation ³⁾ : Close-out panel	70221900 = 20 TU (All)	
Labor Operation ³⁾ : Glove Compartment Remove and Install	68151950 = 30 TU (Passat) 68151900 = 30 TU (CC)	
Labor Operation ³⁾ : Instrument Panel Trim Remove and Install	68221900 = 20 TU (Passat)	
Causal Part: Filter Housing	*** 819 343	
Diagnostic Time ⁴⁾		
GFF Time expenditure	01500000 = 20 TU max.	YES
Road Test	01210002 = 00 TU 01210004 = 00 TU	NO
Technical Diagnosis	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2041609" in comment section of Warranty Claim.		
<p>¹⁾ Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only</p> <p>²⁾ Code per warranty vendor code policy.</p> <p>³⁾ Labor Time Units (TUs) are subject to change with ELSA updates.</p> <p>⁴⁾ Documentation required per Warranty Policy Procedures Manual.</p>		



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Required Parts and Tools

Jetta 16*

Description	Part Number	Quantity
Filter housing	5C6 819 343	1
Clip	7L6 133 847 A	3
Water deflector	5C7 819 404 A 9B9	1

Passat NMS A3*

Description	Part Number	Quantity
Filter housing	561 819 343	1
Clip	7L6 133 847 A	3
Water deflector	561 819 403 A 9B9	1
Water deflector	561 819 404 A 9B9	1

Tiguan 5N*

Description	Part Number	Quantity
Filter housing	561 819 343	1
Clip	7L6 133 847 A	3
Water deflector	5N1 819 404 A 9B9	1

Golf 5K1*, Golf Wagon AJ5*

Description	Part Number	Quantity
Filter housing	1K0 819 343	1
Clip	7L6 133 847 A	3



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CC 35*

Description	Part Number	Quantity
Filter housing	1K0 819 343	1
Clip	7L6 133 847 A	3

No Special Tools required.

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.

Document Control Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2041609/4	10/25/16	V851603	Update model year applicability.
2041609/1	10/7/15	V851503	Original publication.