



Technical Bulletin

| Model(s) | Year(s) | Eng. Code(s) | Trans. Code(s) | VIN Range From | VIN Range To |
|---------------------|-----------|--------------|----------------|----------------|--------------|
| Jetta | 2011-2016 | All | All | All | All |
| Passat | 2012-2016 | All | All | All | All |
| Golf VI | 2010-2014 | All | All | All | All |
| Jetta SportWagen | 2010-2014 | All | All | All | All |
| Tiguan | 2009-2016 | All | All | All | All |
| CC | 2009-2016 | All | All | All | All |

Condition

85 16 01 March 8, 2016 **2041609** Supersedes Technical Bulletin V851503 dated October 7, 2015 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 162*:

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 162*:

- 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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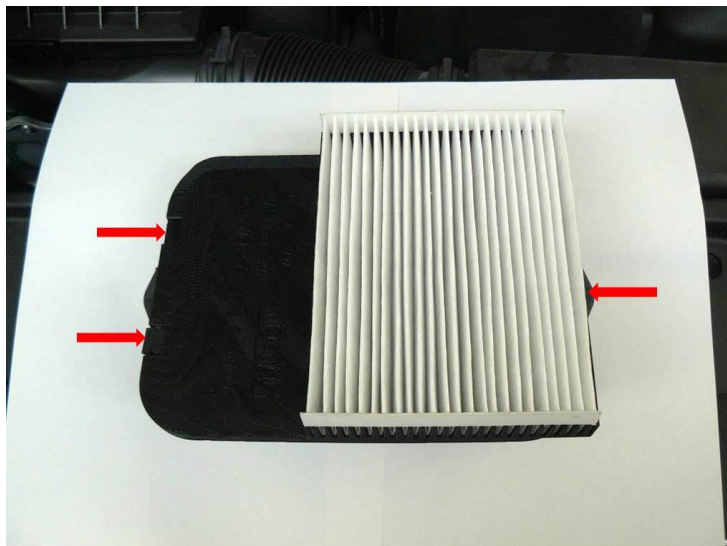


Figure 2: Figure 2) red arrows mark the mounting points of the clips.



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.

 **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.



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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.

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.



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! **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⁾ | | | | | |
|---|-----------|---|--|---|--------------|
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| Tiguan | 2009-2016 | All | All | All | All |
| CC | 2009-2016 | 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 162*

| 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.