



Technical Bulletin

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Tiguan	2016-2017	All	All	All	All

Condition

87 16 23 November 3, 2016 **2045815**

Air Conditioning Blows Warm, Compressor-Condenser Refrigerant Hose

The air conditioning refrigerant hose may come in contact with compressor pulley due to engine vibration.

In the air conditioning control unit the following entry is logged:

DTC	Description
B10ABF0	Refrigerant Pressure - Under Lower Limit



Note:

Inspect refrigerant hose between condenser and compressor. If hose is not damaged this technical bulletin does not apply. Further diagnosis is required.

Technical Background

Rubber ring implemented in production: VIN - WVGBV7AX9HK002095.



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Production Solution



New rubber retainer ring N 107 675 01.

Service

Repair Procedure

To avoid future hose contact with the compressor the smaller rubber retainer ring from the damage hose should be transferred to the new hose in the location outlined below in figure 3.



1. Inspect refrigerant hose between condenser and compressor (Figure 1).

Replace the Compressor/Condenser A/C line if damaged, see Repair Manual Group 87 in Elsa.



Note:

If hose is not damaged this technical bulletin does not apply. Further diagnosis is required.

Figure 1: AC line contact with A/C pulley



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Figure 2

2. Remove the small retainer ring from the recently removed damaged A/C line (Figure 2).



Figure 3

3. Install the removed retainer ring on the new A/C line so that it is in line with the front lower A/C compressor bolt (Figure 3).

Push the A/C line with the installed retainer ring toward the front lower compressor bolt and make contact with the bolt to ensure the new A/C line no longer can contact the A/C pulley.



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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
Tiguan	2016-2017	All	All	All	All
SAGA Coding					
Claim Type:	Use applicable Claim Type ¹⁾				
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
8743	0010	---		Use applicable when indicated in Elsa (L/R)	
Parts Manufacturer		Model Names		PU3 ²⁾	
Labor Operation ³⁾: Remove and Install Compressor/Condenser Pipe.			87431950 = 50 TU		
Includes: Check ribbed serpentine belt.					
Labor Operation ³⁾: Drain and refill refrigerant.			87031700 = 60 TU		
Labor Operation ³⁾: Noise Dampening Pan Removed and Reinstalled			10821900 = 30 TU		
Causal Part: AC Compressor/Condenser Line			5N0820721H		
Diagnostic Time ⁴⁾					
GFF Time expenditure	01500000 = 30 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 2045815" in comment section of Warranty Claim.					



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- 1) Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only
- 2) Code per warranty vendor code policy.
- 3) Labor Time Units (TUs) are subject to change with ELSA updates.
- 4) Documentation required per Warranty Policies and Procedures Manual.

Required Parts and Tools

Description	Part No:	Quantity
AC Compressor/Condenser Refrigerant Line	5N0820721H	1

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
2045815/1	11/3/16	V871623	Original publication.