



Technical Bulletin

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Passat	2012-2014	2.0 TDI CKRA	All	All	All
Passat	2015	2.0 TDI CVCA	All	All	All

Condition

20 16 01 August 30, 2016 **2044124**

Fuel Tank Will Not Take Fuel or is Hard to Fill Completely

Customer states the fuel tank is hard to fill or will not take fuel.

Technical Background

Condensation build up in the fuel filler neck vent tube causing blockage and or restriction not allowing vapors to vent.

Production Solution

Improved vent line design and routing starting with model year 2017 Passat TDI production.



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Service

Procedure:

- Remove the passenger rear wheel and wheel liner.
- Inspect fuel tank vent tube (see Figure 1) for debris, water/ice. If no restriction is identified this technical bulletin does not apply.



Figure 1



Note:

The vent tube is white and located next to the filler neck (see Figure 1). Most obstructions are found at the base of the vent tube where it is curved and goes toward the top of the tank.



Tip:

Backlighting the tube with a flashlight or use a bore scope to aid in diagnosis.

If the vent path is blocked or restricted, a Shepherd's hook vent will be required to prevent moisture from entering the vent tube.

- Remove the vent valve (black plastic valve on top of vent tube) and using a vacuum pump, remove the debris, water/ice, and then follow the steps below to assemble and install the required part to prevent further contamination.



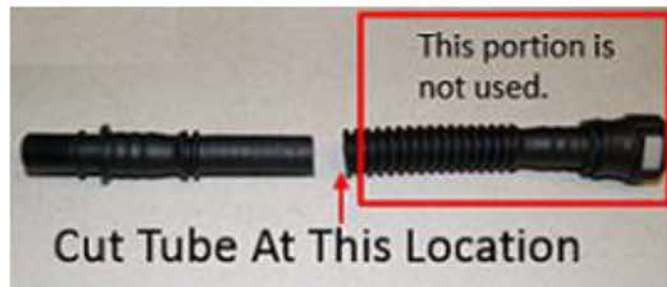
Note:

Vent valve is used on Shepherd's Hook, do not discard and take care not to damage during removal.



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- Using the 4 required parts (Breather Tube, Rubber "U", Tie Straps and Vent Valve) perform the following steps to construct a Shepherd's hook vent.



- Breather Tube part number: 5N0201993N/S.

Figure 2



- Rubber "U" hose part number: 8K0906272K.
- Tie strap.
- Vent Valve

Figure 3

- After constructing the Shepherd's hook vent, install it as shown below (Figure 4. and 5.), using the last tie strap to secure the Shepherd's hook vent to the original vent tube.



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Figure 4



Figure 5



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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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Passat	2012-2014	2.0 TDI CKRA	All	All	All
Passat	2015	2.0 TDI CVCA	All	All	All
SAGA Coding					
Claim Type:		Use applicable Claim Type ¹⁾			
Service Number:		Damage Code	HST	Damage Location (Depends on Service No.)	
2017		0010	--	Use applicable when indicated in Elsa (L/R)	
Parts Manufacturer		Passat		WWO ²⁾	
Labor Operation ³⁾ : Remove and Install passenger rear wheel			44051900 = 20 TU		
Labor Operation ³⁾ : Remove and Install passenger rear wheel liner			66761950 = 20 TU		
Labor Operation ³⁾ : Build and Install Shepherd's Hook			20174999 = 50 TU		
Causal Part: Select Labor Operation			20174999		
Diagnostic Time ⁴⁾					
GFF Time expenditure		01500000 = 00 TU max.		NO	
Road Test		01210002 = 00 TU 01210004 = 00 TU		NO	



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Technical Diagnosis	01320000 = 10 TU max.	YES
Claim Comment: Input "As per Technical Bulletin 2044124" in comment section of Warranty Claim.		
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

Part Description	Part Number
Breather Tube	5N0201993N/S
Rubber "U" Hose	8K0906272K
Tie Straps	x3

Tool Description	Tool No:
Hand Vacuum Pump	VAS6213

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
2044124/1	8/30/16	V201601	Original publication.