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Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Passat	2012-2013	2.5L	All	A3_CC040904	A3_CD999999
Beetle	2012-2013	2.5L-2.0T	All	AT_CM621164	AT_DM999999
Jetta	2012-2013	2.5L-2.0T	All	AJ_CM362729	AJ_CD999999

Condition

01 12 32 November 30, 2012 **2031341**

DTC P0441 Stored in the Engine Control Module

DTC	Description
P0441	EVAP Emission Control System Incorrect Purge Flow

Technical Background

Production tolerance in Diagnostic Module Tank Leakage (DMTL) pump could cause a false flow reading.

Production Solution

Updated DMTL pumps as of pumps' production date September 2012. (Pumps marked with a dot (color may vary blue, green, white and yellow), implementation dates from plants unavailable at this time).

⚠️**Note:**

Dot color may vary blue, green, white and yellow.

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Service

!Note:

A completed DMTL function test is required for reimbursement.

Perform the following steps to test the DMTL system.

- Start Engine.
- Connect VAS-Tester to vehicle.

- Start "Vehicle Self-Diagnosis".
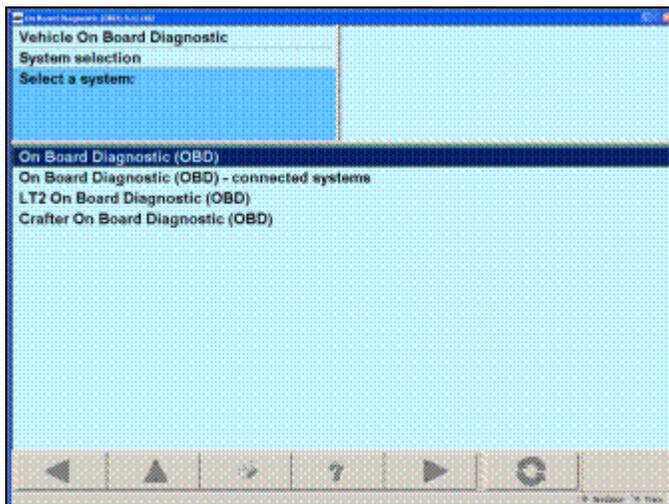
- Open "On Board Diagnostic (OBD)".

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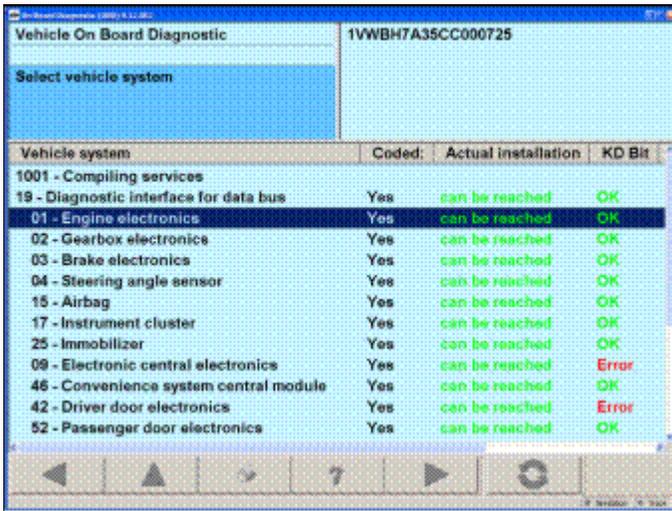
- Start Diagnostic session with "01 Engine Electronics".
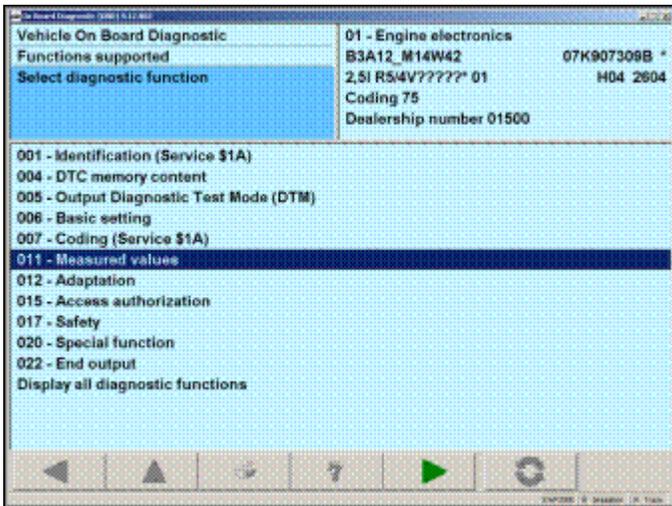
- Select "011 Measurement Values".

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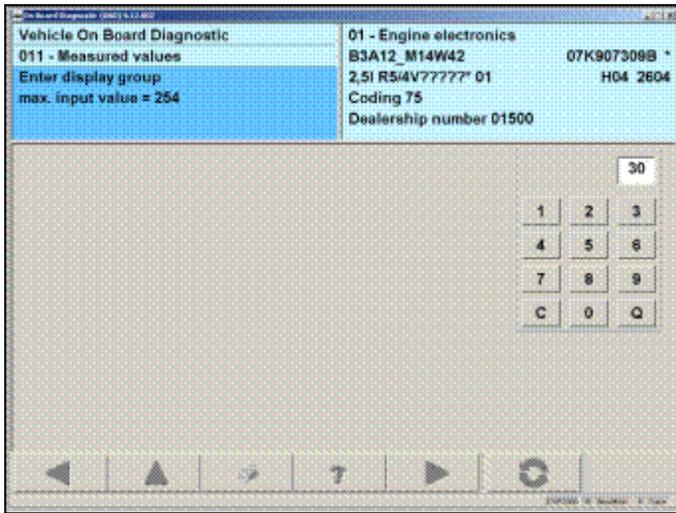
- Select "MVB 30".
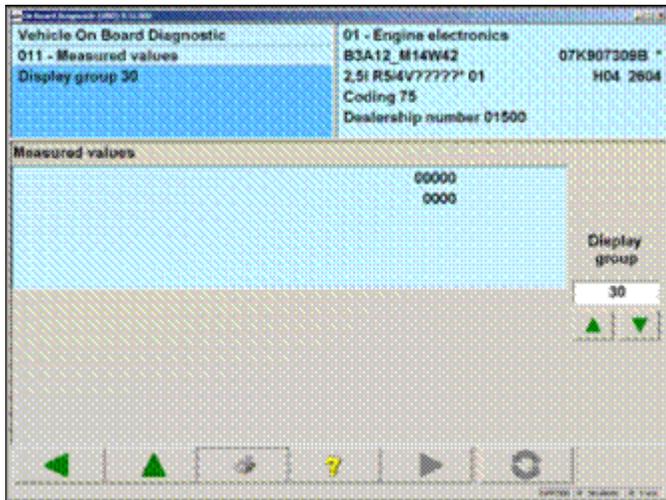
- Make sure the second "0" from the right in row one changes to "1".
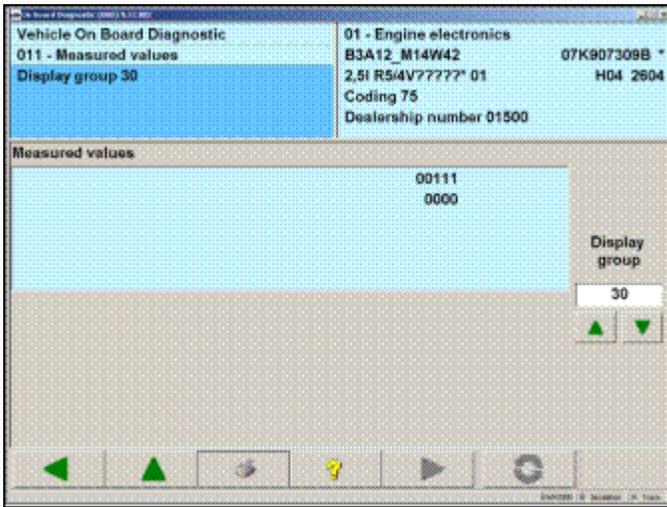
- If the bit changed to "1' or is already "1" exit MVB.
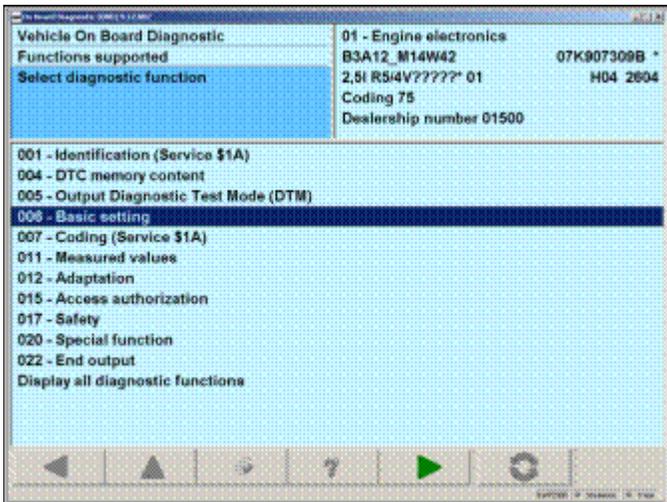
- Enter "006 Basic Settings".

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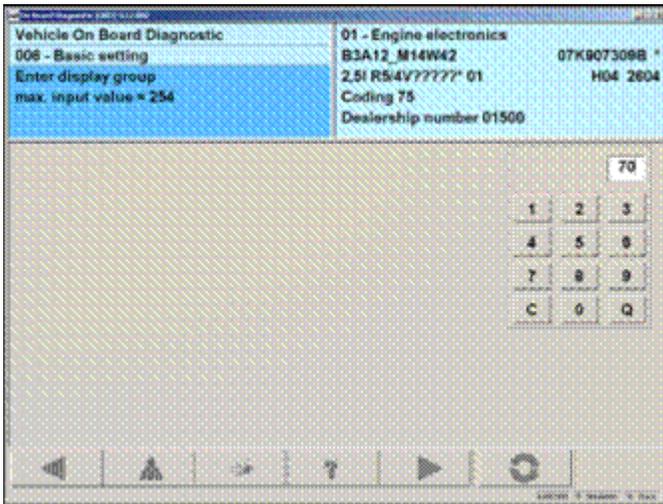
- Select "Basic Settings 70".
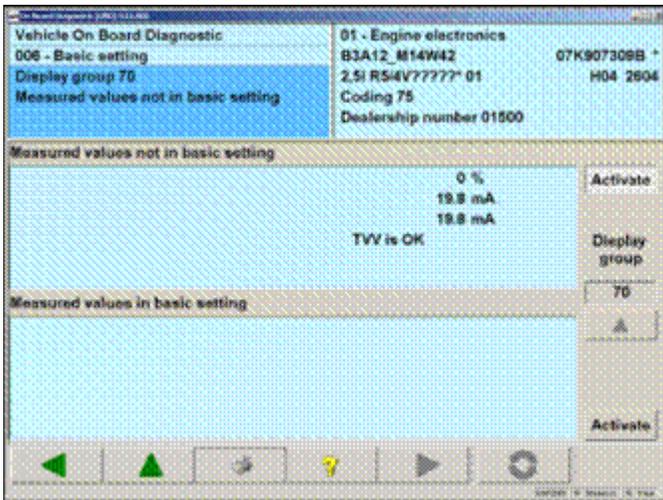
- Select "Activate".

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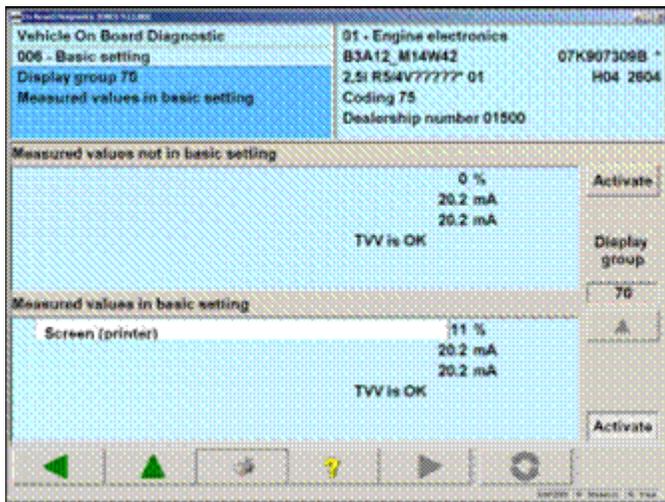
- Check maximum value in row one (lower window).

ℹ️ **Tip**

No engine restarts necessary!

If maximum value is less than 70%, DMTL is OK, replace the Purge Valve.

If maximum value is greater than 70%, DMTL is <u>not</u> OK and needs to be replaced.

If maximum value is close to 70%, rerun the test 2 more times to get a more accurate reading.

⚠️ **Note:**

If percentage value is in question, please contact the Volkswagen Technician Helpline for further instructions.

⚠️ **Note:**

When replacing the DMTL, ONLY replace the pump and not the whole assembly. Claims with DMTL assemblies will be subject to warranty review and potential debit.

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Warranty

Purge Valve Replacement

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**
Passat	**2012-2013**	**2.5L**	**All**	**A3_CC040904**	**A3_CD999999**
Beetle	**2012-2013**	**2.5L-2.0T**	**All**	**AT_CM621164**	**AT_DM999999**
Jetta	**2012-2013**	**2.5L-2.0T**	**All**	**AJ_CM362729**	**AJ_CD999999**
SAGA Coding					
Claim Type:	**Use applicable Claim Type [1]**				
Service Number:	**Damage Code**		**HST**	**Damage Location (Depends on Service No.)**	
2024	**0010**		**--**	**Use applicable when indicated in ElsaWeb (L/R)**	
Parts Manufacturer	**Passat, Beetle, Jetta 2.0T**			**CFW [2]**	
	Passat, Beetle, Jetta 2.5L			**BOG [2]**	
Passat 2.5L					
Labor Operation [3]: Remove and Install Engine Cover	**24251917 = 30 TU**				
Labor Operation [3]: Remove and Install Purge Valve:	**20241967 = 10 TU**				
Beetle 2.5L					
Labor Operation [3]: Remove and Install Engine Cover	**24471917 = 160 TU**				
Labor Operation [3]: Remove and Install Purge Valve:	**20241967 = 10 TU**				

Beetle 2.0T	
Labor Operation [3]: Remove and Install Engine Cover	24471918 = 250 TU
Labor Operation [3]: Remove and Install Purge Valve:	20241968 = 10 TU
Jetta 2.5L	
Labor Operation [3]: Remove and Install Engine Cover	24251917 = 30 TU
Labor Operation [3]: Remove and Install Purge Valve:	20241967 = 10 TU
Jetta 2.0T	
Labor Operation [3]: Remove and Install Purge Valve:	20241900 = 30 TU
Causal Part: Purge Valve -N80-	06J 133 781* 2.0T 06E 906 517 * 2.5L

Diagnostic Time [4]		
GFF Time expenditure	01500000 = 20 TU max.	YES
Road Test	01210002, 01210004	NO
Technical Diagnosis	01320000 = 10 TU max.	YES
Claim Comment: Input "As per Technical Bulletin 2031341" 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 Policy Procedures Manual.**

Technical Bulletin

Leak Detection Pump (DMTL) Replacement

⚠️**Note:**

When replacing the DMTL, ONLY replace the pump and not the whole assembly. Claims with DMTL assemblies will be subject to warranty review and potential debit.

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**
Passat	**2012-2013**	**2.5L**	**All**	**A3_CC040904**	**A3_CD999999**
Beetle	**2012-2013**	**2.5L-2.0T**	**All**	**AT_CM621164**	**AT_DM999999**
Jetta	**2012-2013**	**2.5L-2.0T**	**All**	**AJ_CM362729**	**AJ_CD999999**

SAGA Coding			
Claim Type:	**Use applicable Claim Type [1]**		
Service Number:	**Damage Code**	**HST**	**Damage Location (Depends on Service No.)**
2048	**0010**	**--**	**Use applicable when indicated in ElsaWeb (L/R)**
Parts Manufacturer	**Passat, Jetta, Beetle**		**BVD [2]**

Passat 2.5L	
Labor Operation [3]: Remove and Install Wheel	**44051900 = 20 TU**
Labor Operation [3]: Remove and Install Wheel Liner	**66761950 = 20 TU**
Labor Operation [3]: Remove and Install Leak Detection Pump	**20481950 = 10 TU**
Beetle 2.5L/2.0T	
Labor Operation [3]: Remove and Install Leak Detection Pump	**20481900 = 90 TU**
Jetta 2.5L/2.0T	
Labor Operation [3]: Remove and Install Wheel	**44051900 = 20 TU**
Labor Operation [3]: Remove and Install Wheel Liner	**66761950 = 20 TU**

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Labor Operation [3] : Remove and Install Leak Detection Pump	20481950 = 20 TU
Causal Part: Diagnostic Module Tank Leakage (DMTL) pump	7L0 906 243 *

Diagnostic Time [4]		
GFF Time expenditure	01500000 = 20 TU max.	YES
Road Test	01210002, 01210004	NO
Technical Diagnosis	01320000 = 10 TU	YES
Claim Comment: Input "As per Technical Bulletin 2031341" 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 Policy Procedures Manual.**

Required Parts and Tools

Part Description	Part No:	Quantity
DMTL	7L0 906 243*	1
N80	06J 133 781* 2.0T 06E 906 517* 2.5L	1

Tool Description	Tool No:
Midtronics Battery Tester/Charger	InCharge 940 (INC-940)
VAS Diagnostic Tool	VAS-PC, 5051B, 5052A, 6150X (Base CD V19.01.00 and Brand DVD V19.18.00 or higher)

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.