

		ſ	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

Condition

01 13 05 February 21, 2013 **2031341** Supersedes T.B. V011233 dated December 4, 2012 to correct labor operation in warranty table.

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).





ONote: 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.



Vehicle On Board Diagnostic
System selection
Select a system:
On Board Diagnostic (OBD)
On Board Diagnostic (OBD)
On Board Diagnostic (OBD)
Crafter On Board Diagnostic (OBD)
Crafter On Board Diagnostic (OBD)

Open "On Board Diagnostic (OBD)".

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/ehicle On Board Diagnostic	1VWBH7A	35CC000725	
felect vehicle system			
Vehicle system	Coded	Actual installation	KD Bit
1001 - Compiling services			
9 - Diagnostic interface for data bus	Yes	can be reached	OK
01 - Engine electronics	Yes	can be reached	OK
02 - Gearbox electronics	Yes	can be reached	OK
03 - Brake electronics	Yes	can be reached	OK
04 - Steering angle sensor	Yes	can be reached	OK
15 - Airbag	Yes	can be reached	OK
17 - Instrument cluster	Yes	can be reached	OK
25 - Immobilizer	Yes	can be reached	OK
09 - Electronic central electronics	Yes	can be reached	Error
46 - Convenience system central modul	e Yes	can be reached	OK
42 - Driver door electronics	Yes	can be reached	Error
52 - Passenger door electronics	Yes	can be reached	OK
	17		

 Start Diagnostic session with "01 Engine Electronics".

Vehicle On Board Diagnostic	01 - Engine electronics	
Functions supported Select diagnostic function	B3A12_M14W42 2,5I R54V7777?* 01 Coding 75 Dealership number 01500	07K907309B * H04 2604
001 - Identification (Service \$1A) 004 - DTC memory content 005 - Output Diagnostic Test Mode (D 006 - Basic setting	YTM)	
007 - Coding (Service \$1A) 011 - Measured values		
012 - Adaptation 015 - Access authorization		
017 - Safety 020 - Special function 022 - End output		
Display all diagnostic functions		

Select "011 Measurement Values".

•

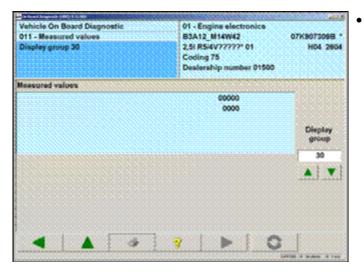
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Vehicle On Board Diagnostic 011 - Measured values	B3A1	ingine electri 2_M14W42		07K90		
Enter display group max. input value = 254	Codi	2,51 R5/4V?????? 01 H04 26/ Coding 75 Destership number 01500				
					30	
			1	2	3	
			4	5	8	
			7	8	9	
			С	0	٩	E

Select "MVB 30".



Make sure the second "0" from the right in row one changes to "1".

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Vehicle On Board Diagnostic	01 - Engine electronics	
011 - Measured values	B3A12 M14W42	07K907309B *
Display group 30	2,51 R5/4V77277* 01 Coding 75 Dealership number 01500	H04 2604
Measured values		
	00111 0000	
		Display group
		30
		AV
		a (

• If the bit changed to "1' or is already "1" exit MVB.

The few with the proof in the set (1.1.2 Mill)	ALC M
Vehicle On Board Diagnostic	01 - Engine electronics
Functions supported	B3A12_M14W42 07K907309B *
Select diagnostic function	2,5I R5/4V????? 01 H04 2604
	Coding 75
	Dealership number 01500
001 - Identification (Service \$1A)	
004 - DTC memory content	
005 - Output Diagnostic Test Mode (D	(MTC
006 - Basic setting	
007 - Coding (Service \$1A)	
011 - Measured values	
012 - Adaptation	
015 - Access authorization	
017 - Safety	
020 - Special function	
022 - End output	
Display all diagnostic functions	
	THEORY & MARKER IN THE

• Enter "006 Basic Settings".

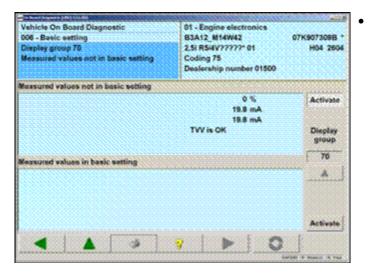
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ehicle On Board Diagnostic 06 - Basic setting nter display group ax. input value * 254	01 - Engine electronics B3A12_M14W42 2,5I RS/4V72727* 01 Coding 75 Dealership number 015		07K9073098 * H04 2604			
				70		
		1	2	3		
		4	5	•		
		7		9		
		c	0	Q		
	7	0				

• Select "Basic Settings 70".



Select "Activate".

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	idodadadadadaeheda
Internet State of the state of	07K9073098 *
and a second	H04 2604
Dealership number 01500	
0%	Activate
20.2 mA	
20.2 mA	
TVV is OK	Display
	group
	70
11 %	A 1
20.2 mA	mananant
20.2 mA	
TVV is OK	
	7-1-1-1
	Activate
- 1 N F A	
	20.2 mA TVV is OK 11 % 20.2 mA 20.2 mA

Check maximum value in row one (lower window).

ітір

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 not 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 Ra	nge 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_DM9999999
Jetta	2012-201	3	2.5L-2.0T	All	AJ_C	M362729	AJ_CD999999
			SAGA	Coding			
Claim Type:		Use a	applicable Claim	Гуре ¹⁾			
Service Nu	ımber:		Damage Code	HST			ge Location on Service No.)
2024	ļ		0010	Use applicable indicated in ElsaV			
Parts Manut	facturer		Passat, Bee	etle, Jetta 2.0T			CFW ²⁾
			Passat, Bee	etle, Jetta 2.5L			BOG ²⁾
			Passa	at 2.5L			
Labor Operation Cover	³⁾ : Remove a	and Ins	stall Engine	24251917 = 30 TU			
Labor Operation Valve:	³⁾ : Remove a	and Ins	stall Purge	20241967 = 10 TU			
	Beetle						
Labor Operation ³⁾ : Remove and Install Engine Cover				24251917 = 30 TU	J		
Labor Operation ³⁾ : Remove and Install Purge Valve:				20241967 = 10 TU	J		

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	Beet	le 2.0T			
Labor Operation ³⁾ : Remove and Ins Cover/Intake Manifold	stall Engine	24471918 = 250 TU			
Labor Operation ³⁾ : Remove and Ins	stall Purge	20241968 = 10 TU			
	Jetta 2.5L				
Labor Operation ³⁾ : Remove and Inc	stall Engine	24251917 = 30 T	U		
Labor Operation ³⁾ : Remove and In Valve:	stall Purge	20241967 = 10 T	U		
	Jetta	a 2.0T			
Labor Operation ³⁾ : Remove and In Cover/Intake Manifold	stall Engine	24471918 = 250 TU			
Labor Operation ³⁾ : Remove and Ins Valve:	stall Purge	20241968 = 10 TU			
Causal Part: Purge Valve -N80-		06J 133 781* 2.0T 06E 906 517 * 2.5L			
	Diagnos	tic Time ⁴⁾			
GFF Time expenditure	01500000 = 20 T	U max.	YES		
Road Test	01210002, 01210	004	NO		
Technical Diagnosis	01320000 = 10 T	TU max. YES			
Claim Comment: Input "As per Tec	hnical Bulletin 20	31341" in comme	ent section of Warranty Claim.		
¹⁾ Vehicle may be outside any V	Varranty in which	case this Technie	cal Bulletin is informational only		
²⁾ (Code per warranty	y vendor code po	licy.		
³⁾ Labor Time Ur	nits (TUs) are sub	ject to change wi	th ELSA updates.		
⁴⁾ Documentatio	n required per Wa	arranty Policy Pro	ocedures Manual.		

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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 t	his procedu	re is c	overed under Wa	rranty, always ref	er to th	e War	rantv P	olicies and		
Procedures Man		0100		in anty, amays for	0. 10 11	o mar				
Model(s)	Year(s)		Eng. Code(s)	Trans. Code(s)	VIN R	Range	From	VIN Range To		
Passat	2012-2013		2.5L	All	A3_	A3_CC0409		_CC040904 A3_0		A3_CD999999
Beetle	2012-2013		2.5L-2.0T	All	AT_	CM62 ²	1164	AT_DM9999999		
Jetta	2012-201	3	2.5L-2.0T	All	AJ_(CM362	2729	AJ_CD999999		
SAGA Coding										
Claim Type: Use applicable Claim Type ¹⁾										
Service Nu	Service Number:		Damage Code	HST		Dama	Damage Location (Depend on Service No.)			
2048			0010			icable when ElsaWeb (L/R)				
Parts Manuf	acturer		Passa	t, Jetta, Beetle		BVD ²⁾				
			Pass	sat 2.5L						
Labor Operation	³⁾ : Remove a	and In	stall Wheel	44051900 = 20 TU						
Labor Operation Liner	³⁾ : Remove a	and In	stall Wheel	66761950 = 20 TU						
Labor Operation Detection Pump		and In	istall Leak	20481950 = 10 TU						
			Beetle	2.5L/2.0T						
Labor Operation ³⁾ : Remove and Install Leak Detection Pump				20481900 = 90 TU	J					
			Jetta	2.5L/2.0T						
Labor Operation ³⁾ : Remove and Install Wheel 44051900 = 20 TU										

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Labor Operation ³⁾ : Remove and Install Wheel Liner		66761950 = 20 TU	
Labor Operation ³⁾ : Remove and Install Leak Detection Pump		20481950 = 10 TU	
Causal Part: Diagnostic Module Tank Leakage (DMTL) pump		7L0 906 243 *	
	Diagr	nostic Time ⁴⁾	-
GFF Time expenditure	01500000 = 20	TU max.	YES
Road Test	01210002, 012	10004	NO
Technical Diagnosis	01320000 = 10	TU	YES
Claim Comment: Input "As p	er Technical Bulletin	2031341" in comm	ent section of Warranty Claim.
¹⁾ Vehicle may be outside any	y Warranty in which o	case this Technical	Bulletin is informational only
²⁾ Code per warranty vendor	code policy.		
³⁾ Labor Time Units (TUs) are	subject to change w	vith ELSA updates.	
⁴⁾ Documentation required pe	er Warranty Policy Pr	ocedures Manual	

⁹ 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	1
	06E 906 517* 2.5L	

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 V19.19.00 or higher)	

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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.

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