



# Technical Bulletin

Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Passat, Passat Wagon, Jetta, Jetta Wagon	2007-2008	2.0L (BPY)	6 Spd Auto	All	All

## Condition

**01 13 36** November 13, 2013 **2012810** Supersedes T. B. V011130 dated December 22, 2011 to include latest available valve body part number information.

### Update Programming, ECM, TCM Software Update and Valve Body Replacement for Harsh Up - Down Shift from Transmission when Cold

Customer may experience harsh up shift in gears 1-2 and 2-3, or harsh down shift in gears 3-2 and 2-1. The symptom is most noticeable at transmission temperatures below 60°C (140°F).

No DTCs are stored in the TCM or the ECM for this complaint.

Comfort concern only.

## Technical Background

### For harsh 1-2-3 up / downshifts when cold:

Internal transmission pressure difference on solenoid valve -N283- during shifting.

Updated ECM and TCM software and updated transmission valve body addresses:

- Harsh Up/Down Shift 1-2-3, 3-2-1

## Production Solution

Updated transmission valve body, ECM and TCM software.

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## Service

- Check the ECM and TCM software level using the VAS 5051/5052.



### Tip:

If the update programming button does not appear, the latest version has already been installed.



### Note:

If software level is equal to or above updated software level noted in Updated ECM or TCM Software table, **DO NOT continue with this technical bulletin**, contact technical assistance by selecting the "Technical Assistance" tab in ElsaWeb and follow the instructions to obtain a 6 digit pin.

If ECM or TCM software level is below updated software level noted in Updated ECM and/or Transmission Control Module Software table:

- Install updated transmission valve body Part No. 09G325039\* (\* = install latest suffix part number available for the model), See Repair Manual Group 38 AUTOMATIC TRANSMISSION, 6spd. Automatic Transmission.
- Update ECM and TCM program following the procedure below.

## Update Programming Procedure



### Tip:

To Update-Programming using SVM, **review and follow** instructions in **Technical Bulletin Instance 2014603** "Software Version Management".

The SVM Process must be completed in its entirety so the database receives the update confirmation response. A warranty claim may not be reimbursed if there is no confirmation response to support the claim.



### Note:

**Prior to launching VAS-PC application and starting control module update process, confirm tester screen saver and power settings in accordance with Special Tools and Equipment - Service Information Circular # VSE-08-18. Failure to do so may result in the tester entering power save mode during data transfer, and subsequent control module failure.**

When using a VAS 6150/5051B or VAS 5052A tester in conjunction with a VAS 5054A wireless transmitter head for a flash procedure, please connect a USB cable between the transmitter head and the tester. Failure to do so may lead to errors during the flash procedure.



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- Update the Engine Control Module using the SVM action code as listed in the table below:

Year	Model	Engine	Old ECM Part No.	Old Software Version	New ECM Part No.	New Software Version (or higher)	SVM Unit Code
2007	Passat, Passat Wagon	2.0L (BPY)	3C0907115P	XP10 0010 0020 0030	3C0907115S	0020	320A
2008	Passat, Passat Wagon	2.0L (BPY)	3C0907115S	xp10 0010	3C0907115S	0020	320A


- Update the Transmission Control Module using the SVM action code as listed in the tables below:

Year	Model	Engine	Old TCM Part No.	Old Software Version	New TCM Part No.	New Software Version (or higher)	SVM Unit Code
2007	Passat, Passat Wagon	2.0L (BPY)	09G927750FP	0890 0931 1199	09G997750C	1616	320A
2008	Passat, Passat Wagon	2.0L (BPY)	09G927750HJ	1025 1068	09G997750C	1617	320A

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Year	Model	Engine	Old TCM Part No.	Old Software Version	New TCM Part No.	New Software Version (or higher)	SVM Unit Code
2007	Jetta	2.5L	09G927750FL	0883 0913 0920 1202	09G997750D	1649	320A
2007	Jetta	2.5L	09G997750D	1614	09G997750D	1649	320A
2008	Jetta, Jetta Wagon	2.5L	09G927750HE	0986 1018 1054 1090	09G997750E	1615	320A

The procedure can be found in GFF under Functions/ Component Selection, Software Version Management, Adapting Software.

 **WARNING:**

Radiator Fan(s) may cycle ON high speed during the Update Process! There is a risk that personal injury may result if contact is made with spinning fan blades.

Keep hands and all objects away from Radiator Fan(s) during Update Process!

 **Tip:**

The SVM Process must be completed in its entirety so the database receives the update confirmation response. A warranty claim may not be reimbursed if there is no confirmation response to support the claim or action is carried out that is not explicitly stated in the Technical Bulletin.

Ensure attached ECM/TCM Tuning Form has been completed and signed by customer as required in SVM Technical Bulletin Instance 2014603.



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## Warranty

<b>To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual <sup>1)</sup></b>					
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Passat, Passat Wagon, Jetta, Jetta Wagon	2007-2008	2.0L (BPY)	6 Spd Auto	All	All
<b>SAGA Coding</b>					
<b>Claim Type:</b>			<b>Use applicable Claim Type <sup>1)</sup></b>		
<b>Service Number:</b>	<b>Damage Code</b>	<b>HST</b>	<b>Damage Location (Depends on Service No.)</b>		
3877	0010	--	Use applicable when indicated in ElsaWeb (L/R)		
<b>Parts Manufacturer</b>	<b>Passat, Passat Wagon, Jetta, Jetta Wagon</b>		<b>AW5 <sup>2)</sup></b>		
<b>Labor Operation <sup>3)</sup> : Charge Battery</b>			<b>27068950 = 10 TU</b>		
<b>Labor Operation <sup>3)</sup> : Verify Software Level and Update Programming</b>			<b>37302599 = 30 TU</b>		
<b>Labor Operation <sup>3)</sup> : Valve Body Replacement</b>			<b>38771900 = 220 TU</b>		
<b>Causal Part:</b>			<b>09G325039B</b>		
<b>Diagnostic Time <sup>4)</sup></b>					
<b>GFF Time expenditure</b>	<b>01500000 = 00 TU max.</b>			<b>NO</b>	
<b>Road Test</b>	<b>01210002 = 10 TU</b> <b>01210004 = 10 TU</b>			<b>YES</b>	
<b>Technical Diagnosis</b>	<b>01320000 = 00 TU max.</b>			<b>NO</b>	
<b>Claim Comment: Input "As per Technical Bulletin 2012810" in comment section of Warranty Claim.</b>					
<b><sup>1)</sup> Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only</b>					



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- <sup>2)</sup> Code per warranty vendor code policy.
- <sup>3)</sup> Labor Time Units (TUs) are subject to change with ELSA updates.
- <sup>4)</sup> Documentation required per Warranty Policy Procedures Manual.

## Required Parts and Tools

Description	Part No:	Quantity
Valve Body	09G325039*	1

Tool Description	Tool No:
Midtronics Battery Tester/Charger	InCharge 940 (INC-940)
VAS Diagnostic Tool	VAS 5051B, VAS 5052A, VAS 6150/X & VAS 6160/X with: ODIS Service 2.0.0 or higher with current online updates

## 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.



**OWNER INFORMATION ABOUT CONTROL MODULE TUNING\*  
ACKNOWLEDGEMENT AND AUTHORIZATION FOR  
REPROGRAMMING (REFLASHING) OF CONTROL MODULE(S)**

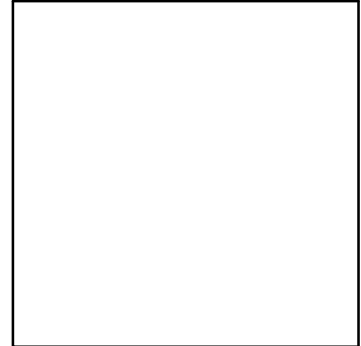
\*) "TUNING" is described as the addition of or modification of any component which causes a Volkswagen vehicle to perform outside the normal parameters and specifications approved by Volkswagen Group of America / Volkswagen Group Canada.

Date: \_\_\_\_\_

Dealer Number: \_\_\_\_\_

Vehicle Identification Number: \_\_\_\_\_

Repair Order Number: \_\_\_\_\_



Dealer stamp

I \_\_\_\_\_, owner or driver of the above identified Volkswagen, confirm:

"Tuning" as described above (especially power increasing modifications) has NOT been performed on my vehicle.

"Tuning" as described above has been performed on my vehicle and the following components were modified or installed:

\_\_\_\_\_

TUNING was performed by (Please provide Company name and telephone number, if you wish us to contact them):

\_\_\_\_\_

I understand that if my Control Module is determined to have been tuned, any damage caused by the tuning of the Control Module (including adverse emissions consequences) will not be covered by VWGoA / VGC warranties.

I am permitting an authorized Volkswagen Dealer to reflash (update) my Control Module, and by doing so, I understand that this process will automatically overwrite (destroy) and permanently delete any tuning program that was previously installed on the Control Module of my Volkswagen vehicle.

By signing below, I fully acknowledge and understand that the tuning program will not be restored and VWGoA / VGC, will not be liable in any way for the loss of tuning data.

\_\_\_\_\_  
Signature of Customer