



# Technical Bulletin

Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Jetta SportWagen	2012	2.0L (CJAA)	6 spd. DSG (02E)	All	All
Golf, Jetta Sedan	2012	2.0L (CJAA)	6 spd. DSG (02E)	All	All

## Condition

01 12 36 December 18, 2012 2028609 Supersedes T.B. V011210 dated March 23, 2012 to update SVM applicability table.

Update Programming for Engine Control Module and Transmission Control Module, Slight Hesitation Concerns



Tip:

This software update is designed to re-program both the ECM and TCM with new software. The re-programming itself should carry out both updates without technician intervention. Please ensure both ECM and TCM software has been updated after the flash is performed

This software update is for slight hesitation related concerns for DSG equipped vehicles **only**.



Note:

The supplied software for slight hesitation **is not** associated with stalling or other performance issues. If the ECM/TCM fault memory contains faults, these faults **must** be addressed before performing this Technical Bulletin.

If no fault codes are found in the ECM/TCM fault memory: **DO NOT** diagnose or replace any components **before** performing the update function as explained in this bulletin.

## Technical Background

Current ECM/TCM programming could be causing slight hesitation related concerns in DSG equipped vehicles (depending on driving conditions).

## Production Solution

Improved ECM/TCM software to address drivability concerns and slight hesitation complaints.

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## Service

### 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.

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


Model	Engine	Old ECM Software Part No.	Old ECM Software Version	New ECM Software Part No.	New ECM Software Version (or higher)	SVM Unit Code
Golf, Jetta SportWagen	2.0L TDI (CJAA)	03L 906 019 EF	0204 or 1182	03L 906 019 HG	3522	36C6
Jetta Sedan	2.0L TDI (CJAA)	03L 906 019 EG	0205 or 1590	03L 906 019 HH	3524	36C6

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- Update the **Transmission Control Module** using the SVM Unit code as listed in the table below:

Model	Engine	Old TCM Software Part No.	Old TCM Software Version	New TCM Software Part No.	New TCM Software Version (or higher)	SVM Unit Code
Golf, Jetta, Jetta SportWagen, Beetle Convertible	2.0 TDI (CJAA)	02E 300 057 A	2705	02E 300 058 M	3524	36C6
		02E 300 057 P	3102			

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

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual <sup>1)</sup>					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Jetta SportWagen	2012	2.0L (CJAA)	6 spd. DSG (02E)	All	All
Golf, Jetta Sedan	2012	2.0L (CJAA)	6 spd. DSG (02E)	All	All
<b>SAGA Coding</b>					
Claim Type:			Use applicable Claim Type <sup>1)</sup>		
Service Number:	Damage Code		HST	Damage Location (Depends on Service No.)	
3730	0039		--	Use applicable when indicated in ElsaWeb (L/R)	
Parts Manufacturer		Golf		WWO <sup>2)</sup>	
		Jetta, Jetta SportWagen		3ME <sup>2)</sup>	
Labor Operation <sup>3)</sup> : Charge Battery			27068950 = 10 TU		
Labor Operation <sup>3)</sup> : Update program ECM and TCM			37302599 = 40 TU		
Causal Part: Select labor operation			37302599		
<b>Diagnostic Time <sup>4)</sup></b>					
GFF Time expenditure		01500000 = 00 TU max.		NO	
Road Test		01210002 = 10 TU 01210004 = 10 TU		NO	
Technical Diagnosis		01320000 = 00 TU max.		NO	



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**Claim Comment: Input "As per Technical Bulletin 2028609" 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

<b>Tool Description</b>	<b>Tool No:</b>
<b>Midtronics Battery Tester/Charger</b>	<b>InCharge 940 (INC-940)</b>
<b>VAS Diagnostic Tool</b>	<b>VAS-PC, 5051B, 5052A, 6150X</b> (Base CD V19.01.00 and Brand DVD V19.11.01 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.**



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

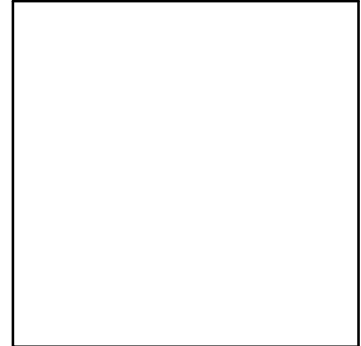
\*) "TUNING" is described as the addition of or modification of any component which causes a Volkswagen vehicle to perform outside the normal parameters and specifications approved by Volkswagen Group of America / Volkswagen Group Canada.

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