



# Technical Bulletin

Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Jetta SportWagen	2012 - 2013	2.0L (CJAA)	6 spd. DSG (02E)	All	All
Golf, Jetta Sedan, Beetle Convertible	2012 - 2013	2.0L (CJAA)	6 spd. DSG (02E)	All	All
Passat	2012 - 2013	2.0L (CKRA)	6 spd. DSG (02E)	All	All

## Condition

**01 16 25** November 15, 2016 **2028609** Supersedes T.B. V011616 dated October 27, 2016 to update the service number and warranty table claiming codes.

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



Tip:

A select group of vehicles may require both the ECM and TCM to be updated. If both the ECM and TCM updates are required, the updates will run back to back without technician intervention.

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).



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## Production Solution

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

## 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, Passat	2.0L TDI (CJAA)	02E 300 057 A	2750	02E 300 058 M	3524	36C6
	2.0L TDI (CKRA) Passat only	02E 300 057 P	3102 3116		3528	
		02E 300 058 M	3507 3524			
		02E 300 057 P	3113 3224			
		02E 300 058 M	3515 3522			

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>					
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Jetta SportWagen, Beetle Convertible	2012 - 2013	2.0L (CJAA)	6 spd. DSG (02E)	All	All
Golf, Jetta Sedan	2012 - 2013	2.0L (CJAA)	6 spd. DSG (02E)	All	All
Passat	2012 - 2013	2.0L (CKRA)	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.)	
2360	0039	--		Use applicable when indicated in Elsa (L/R)	
Parts Manufacturer	Passat, Golf		WVO <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			23602599 = 40 TU		
Causal Part: Select labor operation			23602599		
<b>Diagnostic Time <sup>4)</sup></b>					
GFF Time expenditure	01500000 = Actual GFF print out			YES	
Road Test	01210002 = 00 TU 01210004 = 00 TU			NO	



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Technical Diagnosis	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2028609" in comment section of Warranty Claim.		
<ol style="list-style-type: none"> <li>1) Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only</li> <li>2) Code per warranty vendor code policy.</li> <li>3) Labor Time Units (TUs) are subject to change with ELSA updates.</li> <li>4) Documentation required per Warranty Policy Procedures Manual.</li> </ol>		

## Required Parts and Tools

No special parts required.

Tool Description	Tool No:
Midtronics Battery Tester/Charger	InCharge 940 (INC-940) or GRX3000VAS
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X and ODIS Service 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.

Document Control Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2028609/6	11/15/16	V011625	To update service number and warranty table claiming codes.
2028609/5	10/27/16	V011616	To update service number and warranty table claiming codes.
2028609/1	3/23/12	V011210	Original publication.



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

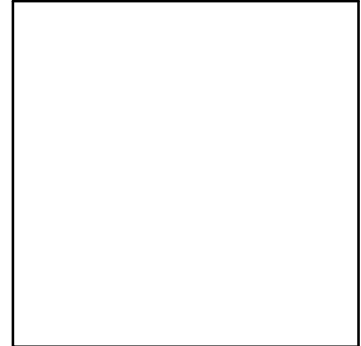
\*) "TUNING" is described as the addition of or modification of any component which causes a Volkswagen vehicle to perform outside the normal parameters and specifications approved by Volkswagen Group of America / Volkswagen Group Canada.

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