

Technical Bulletin

Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Jetta, Jetta SportWagen, Golf, Golf Wagon, Beetle	2012	2.5L (CBTA/CBUA)	6 spd. auto (09G)	All	All

Condition

01 15 05 March 20, 2015 **2029373** Supersedes Technical Bulletin V011215 dated May 9, 2012 to include additional road test time.

Update Programming of Engine Control Module for Slight Hesitation Concerns

Tip:

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

This software update is for slight hesitation related concerns on 2012 model year vehicles, equipped with 2.5 liter engines only.

Note:

The supplied software for slight hesitation is not associated with stalling or other performance issues.

If the ECM fault memory contains faults, these faults must be addressed before performing this Technical Bulletin.

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

Technical Background

Current ECM programming could be causing slight hesitation related concerns on vehicles equipped with 2.5 liter engines (depending on driving conditions).

The concern as described may be difficult to reproduce.

Production Solution

Improved ECM software was introduced to address drivability and slight hesitation complaints.

Technical Bulletin

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 the ODIS service diagnostic applications and starting control module update process, confirm tester screen saver and power settings in accordance with Special Tools and Equipment - Service Information Circular # VVT-12-02. 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/X or 6160/X 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.

VAS tools must only be used with their power adapters plugged in. Under no circumstances should they be used on battery power alone during the programming procedure.

Critical Warning: : The Midtronics Battery Charger **must** be connected to the vehicle battery for the duration of the programming, to ensure the battery state of charge remains above 12.5 volts during the update process. If the battery drops below 12.5 volts, the programming could fail which may result in damage to the control module. Control modules damaged by inadequate voltage will not be covered under the warranty policy. The technician should verify the vehicle voltage prior to starting the update process, and should monitor the voltage for the duration of the update.

Technical Bulletin

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

Model	Engine	Old Software Part No.	Old Software Version	New Software Part No.	New Software Version (or higher)	SVM Unit Code
Jetta	CBTA	07K906055A	All	07K906055A	9740	3723
	CBUA	07K906055CJ	All	07K906055CJ	3691	3723
Jetta SportWagen, Golf, Golf Wagon	CBTA	07K906055BC	All	07K906055BC	9738	3723
	CBUA	07K906055CL	All	07K906055CL	3692	3723
Beetle	CBTA	07K906055C	All	07K906055C	3116	3723
	CBUA	07K906055E	All	07K906055E	3689	3723

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.

Technical Bulletin

Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾					
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Jetta, Jetta SportWagen, Golf, Golf Wagon, Beetle	2012	2.5L (CBTA/CBUA)	6 spd. auto (09G)	All	All
Claim Type:		Use applicable Claim Type ¹⁾			
SAGA Coding					
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
2470	0039	--		Use applicable when indicated in ElsaWeb (L/R)	
Parts Manufacturer		Golf		WWO	
		Jetta, Jetta SportWagen, Golf Wagon, Beetle		3ME	
Labor Operation ³⁾ : Charge Battery			27068950 = 10 TU		
Labor Operation ³⁾ : Update Programming ECM			24702599 = 40 TU		
Diagnostic Time ⁴⁾					
GFF Time expenditure	01500000 = 00 TU max.		NO		
Road Test	01210002 = 10 TU max. 01210004 = 10 TU max.		YES		
Technical Diagnosis	01320000 = 00 TU max.		NO		
Claim Comment: Input "As per Technical Bulletin 2029373" in comment section of Warranty Claim.					
¹⁾ Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only					

Technical Bulletin

- 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

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 with 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.



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

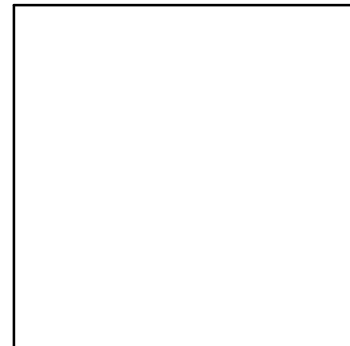
*) "TUNING" is described as the addition of or modification of any component which causes a Volkswagen vehicle to perform outside the normal parameters and specifications approved by Volkswagen Group of America / Volkswagen Group Canada.

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