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Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta Sedan	2013	2.0L TDI CJAA	Manual	AJ_DM000001	AJ_DM365708
Jetta Sedan	2013	2.0L TDI CJAA	DSG	AJ_DM000001	AJ_DM355519
Jetta Sport Wagen	2013	2.0L TDI CJAA	Manual	AJ_DM000001	AJ_DM605048
Jetta Sport Wagen	2013	2.0L TDI CJAA	DSG	AJ_DM000001	AJ_DM604956
Golf	2013	2.0L TDI CJAA	Manual	AJ_DW000001	AJ_DW079583
Golf	2013	2.0L TDI CJAA	DSG	AJ_DW000001	AJ_DW079700
Beetle	2013	2.0L TDI CJAA	Manual	AJ_DM000001	AJ_DM607646
Beetle	2013	2.0L TDI CJAA	DSG	AT_DM000001	AT_DM606390

Condition

01 13 06 February 26, 2013 2033034

Update Programming - MIL ON, DTC P00AF Stored in ECM Fault Memory

MIL on P00AF Turbocharger/Supercharger Boost Control "A" Module Performance stored in ECM

DTC	Description
P00AF	Turbocharger/Supercharger Boost Control "A" Module Performance

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Technical Background

Software diagnosis fault causes P00AF to set, commonly when operated in areas with high altitude.

Production Solution

Revised ECM software implemented in production

Service

Update-Programming Procedure:



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.



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 # 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 6150/5051B 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.

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.

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



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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	2.0 TDI w/ 6 Speed Manual Transmission	03L906019HB	2640 2931 3374 3785 4160 4422	03L906019HB	4604	384A
Golf Jetta Sportwagen	2.0 TDI w/ DSG Transmission	03L906019HC	2639 2932 3375 3786 4159 4470	03L906019HC	4603	384A
Beetle	2.0 TDI w/ DSG Transmission	03L906019AP	2327 2451 3337 3790 3897 4164 4427 4473	03L906019AP	4601	384A
Beetle	2.0 TDI w/ 6 Speed Manual Transmission	03L906019AN	2326 2452 3336 3789 3896 4162 4430	03L906019AN	4602	384A

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Jetta Sedan	2.0 TDI w/ 6 Speed Manual Transmission	03L906019HE	2641	03L906019HE	4606	384A
			2934			
			3377			
			3784			
			4164			
			4425			
Jetta Sedan	2.0 TDI w/ DSG Transmission	03L906019HD	2642	03L906019HD	4605	384A
			2933			
			3376			
			3787			
			4163			
			4424			
			4471			

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 ¹⁾					
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Golf	2013	2.0L TDI CJAA	DSG	AJ_DW000001	AJ_DW079700
Beetle	2013	2.0L TDI CJAA	Manual	AJ_DM000001	AJ_DM607646
Beetle	2013	2.0L TDI CJAA	DSG	AT_DM000001	AT_DM606390
SAGA Coding					
Claim Type:	Use applicable Claim Type ¹⁾				
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
2360	0039	--		Use applicable when indicated in ElsaWeb (L/R)	



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Parts Manufacturer	Golf	WVO ²⁾
	Jetta Sedan, Jetta SportWagen, Beetle	3ME ²⁾
Labor Operation ³⁾ : Charge Battery	27068950 = 10 TU	
Labor Operation ³⁾ : Update EDC Program	23602599 = 60 TU	
Causal Part: Select Labor Operation	23602599	
Diagnostic Time ⁴⁾		
GFF Time expenditure	01500000 = 20 TU max.	YES
Road Test	01210002 01210004	NO
Technical Diagnosis	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2033034" 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 Policies and Procedures Manual.		

Required Parts and Tools

No special parts required.

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)

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)**

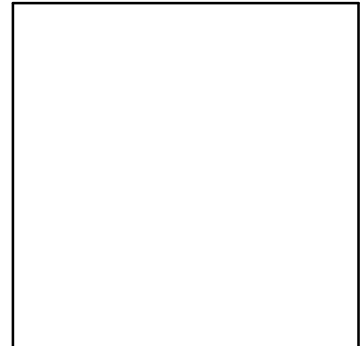
*) "TUNING" is described as the addition of or modification of any component which causes a Volkswagen vehicle to perform outside the normal parameters and specifications approved by Volkswagen Group of America / Volkswagen Group Canada.

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