



Technical Bulletin

Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Passat	2015	2.0L TDI (CVCA)	DSG (02E)	All	All
Passat	2015	2.0L TDI (CVCA)	Manual (02Q)	All	All
Jetta	2015	2.0L TDI (CVCA)	DSG (02E)	All	All
Jetta	2015	2.0L TDI (CVCA)	Manual (02Q)	All	All
Beetle / Beetle Convertible	2015	2.0L TDI (CVCA)	DSG (02E)	All	All
Beetle / Beetle Convertible	2015	2.0L TDI (CVCA)	Manual (02Q)	All	All
Golf	2015	2.0L TDI (CRUA)	DSG (02E)	All	All
Golf	2015	2.0L TDI (CRUA)	Manual (02Q)	All	All

Condition

01 15 09 April 24, 2015 **2040057** Supersedes Technical Bulletin V011504 dated March 12, 2015 to include service regeneration time in GFF time to assist SAGA claiming.

Update Programming, MIL ON, Diesel Particulate Filter (DPF) Faults P2458, P2463 Stored in ECM Fault Memory



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One or more of the following DTCs may be stored in the ECM Fault memory:

Fault Code	Fault Description
P2463	Diesel Particulate Filter - Soot Accumulation
P2458	Diesel Particulate Filter Regeneration Duration

 **Note:**

DO NOT diagnose or replace components due to DPF faults **before** performing the update function as explained in this bulletin.

Technical Background

Deviation between the calculated and the actual soot mass of the particulate matter trap causing P2463.

Incorrect data for the particulate matter trap regeneration time causing P2458.

Production Solution

Improved software implemented into production.

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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 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.



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!

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



Tip:

A Service Regeneration must be performed after updating the Control Module.

Model	Engine	Old Software Part No.	Old Software Version	New Software Part No.	New Software Version (or higher)	SVM Unit Code
Passat	2.0L TDI With Manual 02Q	04L906016AE	6829 6909 6979 7180 7524 7579 7943 7971 8084 8146 8272	04L906016AE	8416	3B57
Passat	2.0L TDI With DSG (02E)	04L906016AF	6830 6896 6980 7181 7523 7578 7944 7972 8085 8147 8275	04L906016AF	8417	3B57



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Jetta	2.0L TDI With Manual 02Q	04L906016AJ	6833 7678 7767 7973 8086 8148 8273	04L906016AJ	8418	3B57
Jetta	2.0L TDI With DSG (02E)	04L906016AK	6834 7679 7768 7974 8087 8149 8227 8276	04L906016AK	8419	3B57
Beetle / Beetle Convertible	2.0L TDI With Manual 02Q	04L906016AG	6831 6893 6981 7178 7522 7577 7969 8082 8144 8271	04L906016AG	8414	3B57
Beetle / Beetle Convertible	2.0L TDI With DSG (02E)	04L906016AH	6832 6895 6982 7179 7521	04L906016AH	8415	3B57

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			7576 7970 8083 8145 8274			
Golf	2.0L TDI With Manual 02Q	04L906021C	6752 6886 7059 7519 7967 8080 8142 8277	04L906021C	8412	3B57
Golf	2.0L TDI With DSG (02E)	04L906021D	6853 6887 6983 7058 7520 7968 8081 8143 8278	04L906021D	8413	3B57

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



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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- Perform the Service regeneration following the procedure below:

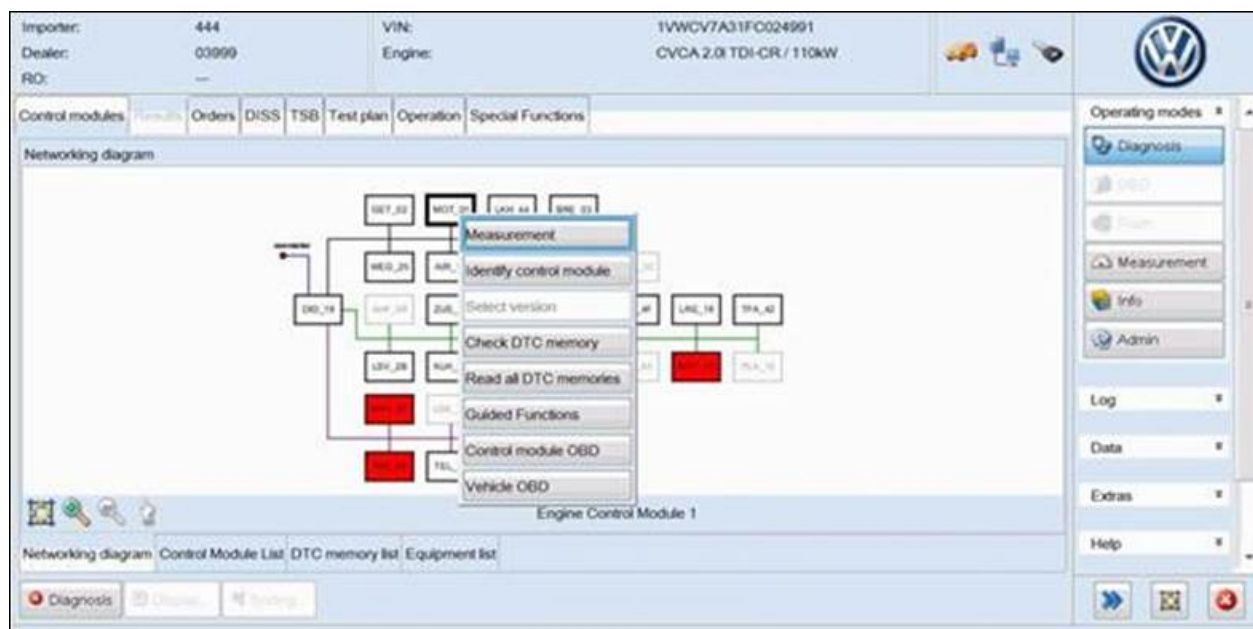


Figure 1

- From the control module networking diagram, select MOT_01, then select guided functions (Figure 1).

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- Select 01 - Service regeneration, particle filter from the list, select perform and follow the instructions on the tester.

Figure 2



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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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Passat	2015	2.0L TDI (CVCA)	DSG (02E)	All	All
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Beetle / Beetle Convertible	2015	2.0L TDI (CVCA)	Manual (02Q)	All	All
Golf	2015	2.0L TDI (CRUA)	DSG (02E)	All	All
Golf	2015	2.0L TDI (CRUA)	Manual (02Q)	All	All
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 Elsa (L/R)	



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Parts Manufacturer	Passat	WVO ²⁾
	Golf, Beetle, Beetle Convertible, Jetta	3ME ²⁾
Labor Operation ³⁾ : Charge Battery		27068950 = 10 TU
Causal Part: Select Labor Operation		01500000
Diagnostic Time ⁴⁾		
GFF Time expenditure (Includes Perform Service Regeneration)	01500000 = 100 TU max.	YES
Road Test	01210004 = 10 TU	YES
Technical Diagnosis	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2040057" 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 Tools 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



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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)**

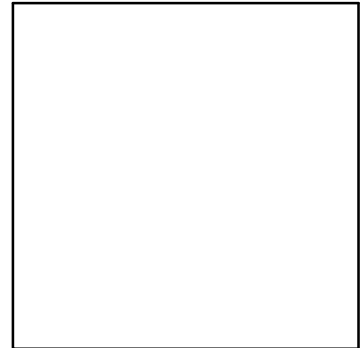
*) "TUNING" is described as the addition of or modification of any component which causes a Volkswagen vehicle to perform outside the normal parameters and specifications approved by Volkswagen Group of America / Volkswagen Group Canada.

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