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Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	2006-2007	2.0L (BPY)	All	All	All

Condition

01 14 17 July 30, 2014 2014077 <mark>Supersedes T. B. V011101 dated January 24, 2011 to remove reference to Update 24M2 and include SVM unit code.</mark>

Update Programming to Eliminate DTC P0601 Stored in DTC Memory

⚠️**Note:**

Discard CD Literature Number W4220LTFSIP0601.

This Technical Bulletin addresses the following Diagnostic Trouble Code (DTC) on all 2006 - 2007 vehicles equipped with a 2.0L TFSI engine.

DTC	Description
P0601	Internal Control Module Memory Check Sum Error

Technical Background

Engine Control Modules Affected Part No.		
1K0907115B		3C0907115P
1K0907115H		1Q0907115B
3C0907115G		1Q0907115D
3C0907115F		

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Production Solution

A change to ECM software was completed in the factories as of November 2006

Service

⚠️**Note:**

BEFORE performing this update:

Inform the customer that, after the update, the gear display feature in the MFI while in Drive "D" (e.g. 1, 2, 3, 4, 5, 6) will no longer appear. This update is not reversible and the feature cannot be turned back on.

DO NOT perform Update Programming if the customer wants to keep the gear display feature.

Code "Customer Refused Repairs" as per claiming instructions in this bulletin.

Update-Programming Procedure:

ℹ️**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 VAS-PC and 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 6150/5051B 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.

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.

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

Control Module Table						
Model	Engine	Old Part No.	Old Software Version	New Part No.	New Software Version (or higher)	SVM Unit Code
Jetta GLI, Golf GTI	2.0T FSI (BPY)	1K0907115B	All	1K0907115B	0040	301D
Golf GTI Jetta GLI	2.0T FSI (BPY)	1K0907115H	All	1K0907115H	0040	301D
EOS	2.0T FSI (BPY)	1Q0907115B	All	1Q0907115E	0020	301D
EOS	2.0T FSI (BPY)	1Q0907115E	All	1Q0907115E	0020	301D
EOS	2.0T FSI (BPY)	1Q0907115D	All	1Q0907115E	0020	301D
Passat	2.0T FSI (BPY)	3C0907115F	All	3C0907115F	0030	301D
Passat	2.0T FSI (BPY)	3C0907115S	All	3C0907115S	0020	301D
Passat	2.0T FSI (BPY)	09G927750FP	All	09G927750HJ	1068	301D
Passat	2.0T FSI (BPY)	09G927750CJ	All	09G927750HJ	1068	301D
Passat	2.0T FSI (BPY)	3C0907115P	All	3C0907115S	0020	301D
Passat	2.0T FSI (BPY)	3C0907115G	All	3C0907115F	0030	301D

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!

ℹ **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]					
Model(s)	**Year(s)**	**Eng. Code(s)**	**Trans. Code(s)**	**VIN Range From**	**VIN Range To**
All	2006-2007	2.0L (BPY)	All	All	All

SAGA Coding			
Claim Type:	**Use applicable Claim Type [1]**		
Service Number:	**Damage Code**	**HST**	**Damage Location (Depends on Service No.)**
2470	0039	--	Use applicable when indicated in ElsaWeb (L/R)
Parts Manufacturer	Golf/GTI, Eos, Passat		WWO [2]
	Jetta/GLI		3ME [2]

Golf GTI, Jetta GLI, Eos	
Labor Operation [3] : Charge Battery	27068950 = 10 TU
Labor Operation [3] : Update Programming	24702599 = 50 TU

Passat	
Labor Operation [3] : Charge Battery	27068950 = 10 TU
Labor Operation [3] : Update Programming	24702599 = 60 TU
Causal Part: Select Labor Operation	24702599

Diagnostic Time [4]		
GFF Time expenditure	01500000 = 20 TU max.	YES

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Road Test	01210002 = 00 TU	NO
	01210004 = 00 TU	
Technical Diagnosis	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2014077" 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.

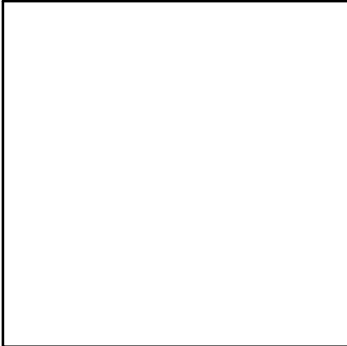| Tool Description	Tool No:
Midtronics Battery Tester/Charger	**InCharge 940 (INC-940)**
	or
	GRX3000VAS
VAS Diagnostic Tool	**VAS 6150/X & VAS 6160/X with:**
	ODIS Service with current online updates

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