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Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Jetta (A6)	2011-2013	2.0L MPI (CBPA)	All	All	All

Condition

01 13 19 July 30, 2013 **2028625** Supersedes T.B. V011203 dated February 10, 2012 to include additional model year applicability and revised SVM action code.

Update Programming ECM to Eliminate DTC 03366 Stored in Brake Electronics Fault Memory

Customers may complain of a Brake Warning Light ON in the instrument cluster.

Tip:

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

The following fault code may be stored in the Brake Electronics Fault Memory:

DTC	Description
03366	Brake electronics - (03366) Vacuum Sensor -G608 Implausible Signal

Note:

DO NOT diagnose or replace components due to 03366 fault **before** performing the update function as explained in this bulletin.

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Technical Background

If vehicle is equipped with an automatic transmission, TCM must be reprogrammed along with the ECM. If vehicle is equipped with a manual transmission, TCM reprogramming is not possible.

This condition occurs due to an incorrect sampling rate between the ECM and the G608 Vacuum Sensor. The symptom as described will store the fault 03366 in the Brake Electronics Fault Memory. This fault will cause the Brake Warning Light to display in the instrument cluster

<u>DO NOT</u> replace any parts for this condition.

The condition as described **<u>does not</u>** affect vehicle braking performance or operation.

Production Solution

Improved ECM software was introduced in production.

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 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.

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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.

- 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 (A6)	2.0L MPI (CBPA)	06G 906 055 T	All	06G 906 055 T	1205	3801
		06G 906 055 AA	All	06G 906 055 AA	1205	3801
		06G 906 055 R	All	06G 906 055 T	1205	3801
		06G 906 055 S	All	06G 906 055 AA	1205	3801
		06G 906 055B	All	06G 906 055 T	1205	3801
		06G 906 055C	All	06G 906 055C	1212	3801

If vehicle is equipped with an <u>automatic transmission</u>, TCM must be reprogrammed along with the ECM

- 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
Jetta (A6)	2.0L MPI (CBPA)	09G927750LE	1791 1975	09G927750LE	2330	3801
		09G927750LE	2040 2174	09G927750LE	2329	3801

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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]

Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Jetta (A6)	2011-2013	2.0L MPI (CBPA)	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	**Jetta**		**3ME** [2]
Labor Operation [3] **: Charge Battery**	27068950 = 10 TU		
Labor Operation [3] **: Update Programming ECM (Vehicles Equipped with Manual Transmissions Only)**	24702599 = 30 TU		
Labor Operation [3] **: Update Programming ECM and TCM (Vehicles Equipped with Automatic Transmissions Only)**	24702699 = 40 TU		
Causal Part: Select Labor Operation	24702599		
Diagnostic Time [4]			
GFF Time expenditure	01500000 = 30 TU max.		YES
Road Test	01210002 = 00 TU 01210004 = 00 TU		NO
Technical Diagnosis	01320000 = 00 TU		NO

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Claim Comment: Input "As per Technical Bulletin 2028625" 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 Policy Procedures Manual.**

Required Parts and Tools

No Special Parts required.

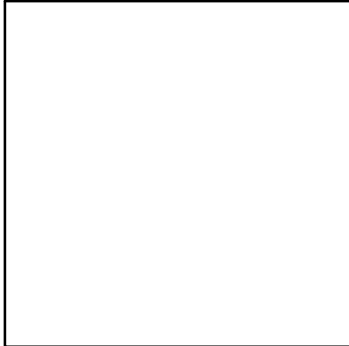| Tool Description	Tool No:
Midtronics Battery Tester/Charger	**InCharge 940 (INC-940)**
VAS Diagnostic Tool	**VAS 5051B, VAS 5052A, VAS 6150/X & VAS 6160/-VPC with:** **VAS-PC Base V19.01.01 and current version Brand disc** **ODIS Service V1.1.3 or higher**

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