

Technical Bulletin



REQUIRED VEHICLE UPDATE TECHNICAL BULLETIN (RVUTB)

PERFORM ON ALL APPLICABLE VEHICLES WITHIN THE FEDERAL EMISSIONS WARRANTY

01-08-12 March 26, 2008 2017354 **Supersedes TB 01-08-09 due to addition of VIN table and adjustment to time units in order to comply with world-wide standards.**

RVU - Update Programming MIL ON DTC P0642, P2004, P2008, P3137 or P3138 Stored in ECM (24M2/O3)



Tip:

Technical Bulletin Expiration Date: **May 21, 2009.**

Model(s)	Year	Engine	Trans. Code	From	To
Golf / GTI	2006	2.0T (BPY)	All	All	All
A5 Jetta / GLI	2006	2.0T (BPY)	All	All	All
EOS	2007 – 2008	2.0T (BPY)	All	1F_7V000001	1F_8V017870
Passat / Passat Wagon	2006 – 2008	2.0T (BPY)	All	3C_6E000001 3C_6P000001	3C_8E076429 3C_8P045535

MIL ON.

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

DTC	Description
P0642	Sensor Voltage Circuit A, Low Voltage
P2004	Intake Manifold Runner Control Bank 1, Stuck Open
P2008	Intake Flap for Airflow Control, Electrical Malfunction
P3137	Intake Manifold Runner Control Circuit Bank 1, Basic Settings not Carried Out
P3138	Intake Flap for Airflow Control, Control Difference

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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.

Technical Background

ECM/TCM software.

The Intake Flap Motor -V157- or Intake Manifold Runner Position Sensor -G336- may be inoperative (Both are included in one single unit).

Production Solution

Improved ECM/TCM software.

Improved manufacturing process for the Intake Flap Motor -V157- and Intake Manifold Runner Position Sensor -G336-.

Service

Requirements:

Vehicle must meet ALL of the following criteria:

VIN must show (24M2/O3) code open in ElsaWeb on the day of repair.

Vehicle must be within the Limited New Vehicle Warranty.

Update must be performed prior to expiration date listed in this technical bulletin.



Tip:

[Procedure must also be performed on applicable vehicles in dealer inventory.](#)

PROCEDURE:

Engine and Transmission Control Module Update - Programming (Flashing) Using Software Version Management (SVM)

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Vehicle requirements:

MUST have minimum no-load charge of 12.5V (failure to maintain voltage during update process can lead to ECM failure) (use a Volkswagen approved Midtronics/InCharge 940 (INC-940) tester/charger to maintain battery voltage).

VAS 5051: connected to vehicle and to 110V AC Power supply at all times during procedure.

VAS 5052: connected to vehicle with battery voltage requirements met.

Any appliances with high electromagnetic radiation (i.e. mobile phones) switched OFF.

When performing the update programming procedure, ALL DTCs for all systems are erased.

DTCs linked to Guided Fault Finding function tests will be lost. Therefore, always address stored DTCs for Customer concerns unrelated to the update programming procedure first.

 **Note:**

Non-observance of the following points may lead to ECM failure!

VAS 5051 or VAS 5052 must always be connected to the approved power supply at the approved voltages.

Under no circumstances should the power supply be interrupted or the diagnostic connector unplugged during the update programming procedure.

Any appliances with high electromagnetic radiation (i.e. mobile phones) must be switched OFF.

 **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. For further update instructions and troubleshooting, refer to SVM Technical Bulletin Instance 2014603, in ElsaWeb.

Update the Engine Control Module and/or Transmission Control Module using the Software Version Management (SVM) and 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
Golf (GTI) Jetta (GLI)	2.0T (BPY)	1K0907115B	0010, 0020, 0030	1K0907115B	0040	301D
EOS	2.0T (BPY)	1Q0907115B	0020	1Q0907115E	0020	301D
EOS	2.0T (BPY)	1Q0907115D	0020, 0030	1Q0907115E	0020	301D
EOS	2.0T (BPY)	1Q0907115E	0010	1Q0907115E	0020	301D
Passat, Passat Wagon	2.0T (BPY)	3C0907115F	0010, 0020	3C0907115F	0030	301D

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Passat, Passat Wagon	2.0T (BPY)	3C0907115G	0020	3C0907115F	0030	301D
Passat, Passat Wagon	2.0T (BPY)	3C0907115P	0010, 0020, 0030	3C0907115S	0020	301D
Passat, Passat Wagon	2.0T (BPY)	3C0907115S	0010	3C0907115S	0020	301D
Passat, Passat Wagon	2.0T (BPY)	09G927750FP	0931 1199	09G927750HJ	1068	301D
Passat, Passat Wagon	2.0T (BPY)	09G927750CJ	0841, 0936, 1135	09G927750HJ	1068	301D



Note:

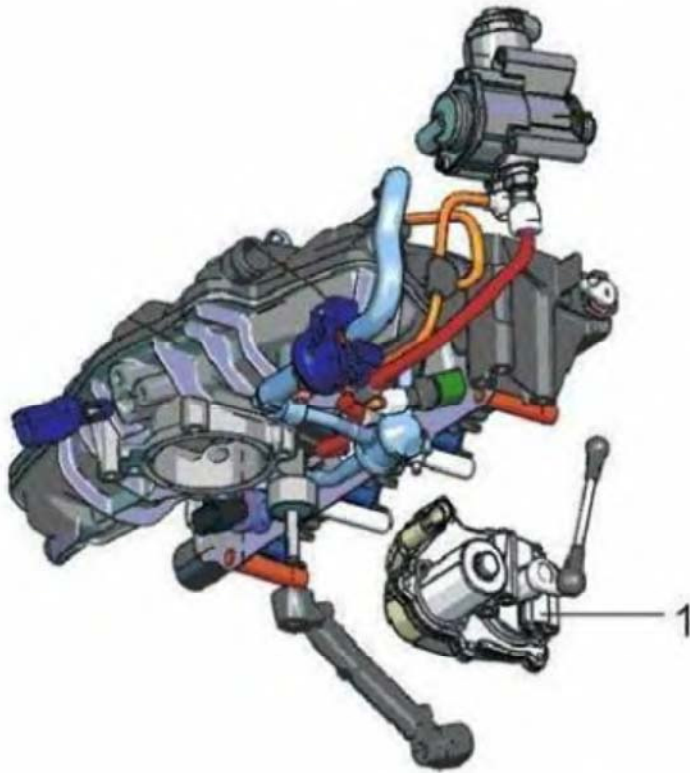
It may be possible to set a communication fault in the parking brake module that will not be erased by Compiling Services. If this occurs, remove ignition key for one minute and then cycle key on and clear fault.

Perform basic settings for Intake Flap Motor -V157-.

If basic settings for Intake Flap Motor -V157- cannot be performed successfully, replace Intake Flap Motor -V157-.

If one or more of the DTCs listed in the Condition section are stored in ECM data memory and ECM software was previously updated (the ECM already has the new software version), replace Intake Flap Motor -V157- even if basic settings can be performed successfully.

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Tip:

When performing Update Programming procedure, ALL DTCs for all systems are erased. DTCs linked to Guided Fault Finding function tests will be lost. Therefore, always address stored DTCs for Customer concerns unrelated to the update programming procedure first.

“Update - Programming” (flashing) process may overwrite any “TUNED” ECM or TCM programming. A “TUNED” ECM or TCM is described as any ECM or TCM altered so as to perform outside the normal parameters and specifications approved by Volkswagen of America, Inc.

If you encounter a vehicle with a “Tuned” ECM or TCM, prior to performing the “Update - Programming” (flashing) procedure:

Your dealership should place the vehicle owner on notice in writing, that their ECM or TCM was found to have been tuned, and that any damage caused by the tuning of the ECM or TCM (including any adverse emissions consequences) will not be covered by Volkswagen of America, Inc. warranties.

For any repair requested by the owner under warranty or outside warranty that requires update programming, which will automatically wipe out the “ Tuning” program, your Dealership should advise the owner of the above and get Owner’s written consent (see attached Control Module Tuning form) to the update programming procedure.

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Warranty

Claim Entry Procedure	Immediately upon completion of the repair work, enter the correct code listed below. Claims will only be paid for vehicles that show this RVUTB open in ElsaWeb on the day of repair. To help ensure prompt and proper payment, attach the screen print to the repair order.
Additional Actions	Some of the affected vehicles may be involved in additional actions, recalls or service campaigns. Please check ElsaWeb so that <u>any additional required work can be done simultaneously.</u>
Claim Help	Contact the Warranty Helpline toll-free at 1-866-306-8447 for help with claim entry.
Required Customer Notification	Inform your customer in writing by recording on the Repair Order any and all work that was conducted on the vehicle, including any and all updates completed under this RVUTB.

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24M2 (O3) SAGA Claim Entry Procedure

Check in the system Service-Online, FISH (VSI), to determine whether this RVUTB is open.

Service No.: 24M2

Damage Code: 0066

Parts Manufacturer – Removed part:

Please use the vendor code from the removed part. If no vendor code is available, then use VWE.

Claim Type

Sold vehicle = 7 10

Unsold vehicle = 7 90

Accounting Instructions

Criteria I.D. 01 Check software level; no update required

Repair operation: 0183 01 99 10 TU

OR

Golf GTI, A5 Jetta GLI, EOS and 2008 Passat/Passat Wagon

Criteria I.D. 01 Check software level; reprogram ECM

Repair operation: 2470 25 99 50 TU

OR

2006 - 2007 Passat/Passat Wagon

Criteria I.D. 01 Check software level; reprogram ECM

Repair operation: 2470 25 99 60 TU

AND, IF NEEDED

Criteria I.D. 01 Replace intake flap motor -V157-

Repair operation: 2465 19 20 70 TU

Quantity 1 06F 133 482 B Adjuster unit

There is NO reimbursement for Car Wash or Loaner Vehicle!

If Customer refused repairs

Fax the Repair Order to VWoA at (248) 754-5093 and provide VIN, applicable Service Number, Customer Information, Dealer Number and Date

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Required Parts and Tools

Tool Description	Tool No:	Quantity
VAS Diagnostic Tool	VAS 5051 / 5052 (with Base CD V.12.0 and the Brand CD V.12.83.01 or higher)	1
Midtronics Battery tester/charger	InCharge 940 (INC-940)	1

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)**

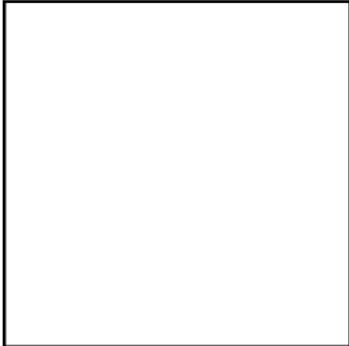
*) "TUNING" is described as the addition of or modification of any component which causes a Volkswagen vehicle to perform outside the normal parameters and specifications approved by Volkswagen of America, Inc..

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 Volkswagen of America, Inc. 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 Volkswagen of America, Inc., will not be liable in any way for the loss of tuning data.

Signature of Customer