

UPDATE Technical Bulletin



November 02, 2012

UPDATE – 24Y4 MPI Software (FED_EMS)

NOTE:

- Perform this UPDATE on all applicable vehicles within FEDERAL EMISSIONS WARRANTY.
- It is MANDATORY to perform UPDATES on all applicable vehicles in dealer inventory PRIOR TO RETAIL SALE.
- Inform customers that this UPDATE will be available free of charge as long as their vehicle is within the Warranty parameters outlined in this UPDATE.

NOTE:

Required DMS Wording/Programming Text (SAGA claim comments): UPDATE 24Y4 Jetta 2.0L MPI Software (FED_EMS)

Model(s)	Year	Engine Code	Trans. Code	From	To
Jetta	2013	2.0L MPI (CBPA)	All	3VW ___ AJ _ D M 000082	3VW ___ AJ _ D M 395950

REVISION HISTORY

Revision	Date	Purpose
1	November 02, 2012	Original publication

Condition

This update has been proactively released to prevent slight hesitation concerns.



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 as applicable has been updated after the flash is completed.

This software update is for slight hesitation related concerns on vehicles equipped with 2.0 liter CBPA engines [only](#).



Note:

The supplied software is not associated with stalling or other performance issues. If the ECM/TCM fault memory contains faults, these faults must be addressed before performing this UPDATE Technical Bulletin.

If no fault codes are found in the ECM/TCM fault memory: **DO NOT** diagnose or replace any components **before** performing the software update function as explained in this bulletin.

This UPDATE is in effect until removed.

Vehicle must meet all of the following criteria:

- Procedure is valid only for vehicles that show the 24Y4 code in ElsaWeb, Campaign/Action Information screen *on the day of repair*.
- If the vehicle is sold it must be within the FEDERAL EMISSIONS WARRANTY.
- Procedure must be performed within the allotted time frame stated in this UPDATE.
- Procedure must be performed on applicable vehicles in dealer inventory prior to sale.

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, only ECM programming is required.

Current ECM programming may be causing slight hesitation related concerns on vehicles equipped with 2.0 liter CBPA engines (depending on driving conditions).

The concern as described may be difficult to reproduce.

Production Solution

Improved ECM/TCM software was introduced to address drivability concerns and slight hesitation complaints.



Service

NOTE:

- *ElsaWeb is the only valid inquiry/verification source. Check ElsaWeb on the day this vehicle UPDATE will be performed to verify vehicle eligibility for the UPDATE. Status must show "open". Attach an ElsaWeb printout showing the "open" status to the repair order.*
- *If this UPDATE appears to have already been performed but the code still shows open in ElsaWeb, contact Warranty before proceeding further. Another dealer may have recently performed this UPDATE but not yet entered a claim for it in the system.*
- *ElsaWeb may also show additional open action(s); if so, inform your customer - this work can be done while the vehicle is in for this UPDATE.*
- *Contact the Warranty Helpline (U.S.) or the Warranty Campaign Specialist (Canada) if you have any questions.*

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 VAS-PC application and starting control module update process, confirm tester screen saver and power settings in accordance with ServiceNet=> Workshop Equipment=> VAS Tester=> Service Information=> 2012=> 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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Check ECM and/or TCM software via Vehicle Self Diagnosis prior to beginning GFF. If software is up to date according to the tables below, **WORK COMPLETE**. Otherwise update the Engine Control Module using the SVM Unit code as listed in the table below:

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
Jetta	2.0L MPI (CBPA)	06G906055T	1203	06G906055T	1204	3801
		06G906055AA	1203	06G906055AA	1204	

If vehicle is equipped with an automatic transmission, 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	2.0L MPI (CBPA)	09G927750LE	1791 1975	09G927750LE	2330	3801
		09G927750LE	2040 2174	09G927750LE	2329	

The Update Programming 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 serious 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!



Warranty

Claim Entry Procedure	Enter your claim immediately upon completion of the UPDATE. Claims will only be paid for vehicles that show this UPDATE code open in ElsaWeb on the day of repair. To help ensure prompt and proper payment, attach the screen print to the repair order.
Claim Help	U.S. dealers - Contact the Warranty Helpline toll-free at 1-866-306-8447 for help with claim entry. Canadian dealers - Contact your Warranty Campaign Specialist. For contact information, please proceed to "ServiceNet – Warranty/Contact Information/Campaigns – "Warranty Campaign Specialist."
Required Customer Notification	Ensure customers are aware of all work performed on the vehicle by recording the information on the repair order. Attach a copy of the <i>Vehicle UPDATE Fact Sheet</i> to the customer's copy of the repair order and take the time to explain this UPDATE to your customer.



SAGA Code 24Y4 Claim Entry Procedure

Check ElsaWeb to confirm that this UPDATE code is open on the day of repair.

Service No.: 24Y4

Damage Code: 0099

Parts Manufacturer/Vendor Code: ZSC

Claim Type

Sold vehicle = 7 10

Unsold vehicle = 7 90

Accounting Instructions

Criteria I.D. 01

Manual Transmission Vehicles:

Check/UPDATE present. No further work required.

Repair operation: 0183 00 99 10 TU

-- OR --

Check/UPDATE needed. Perform ECM software update.

Repair operation: 2470 25 99 40 TU

-- OR --

Automatic Transmission Vehicles:

Check/UPDATE present. No further work required.

Repair operation: 0183 00 99 10 TU

-- OR --

Check/UPDATE needed. Perform ECM/TCM software update.

Repair operation: 2470 26 99 50 TU

There is NO reimbursement for wash or loaner vehicle!

If vehicle is not eligible for repair under this UPDATE (i.e.: totaled status) OR 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



Required Parts and Tools

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 V19.11.01 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.

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UPDATE FACT SHEET – UPDATE Code 24Y4

Dear Volkswagen Customer,

Today we performed UPDATE code 24Y4 on your vehicle. This UPDATE installs new Engine Control Module software and/or new Transmission Control Module software. This UPDATE was performed for you free of charge.

Volkswagen periodically makes updates like this available in order to ensure our customer's continued satisfaction with the quality of their Volkswagen vehicles.

We at Volkswagen are committed to providing our customers with reliable, quality products that are a pleasure to drive and own. If you should ever have any questions or vehicle concerns, your authorized Volkswagen dealer will be pleased to assist you.

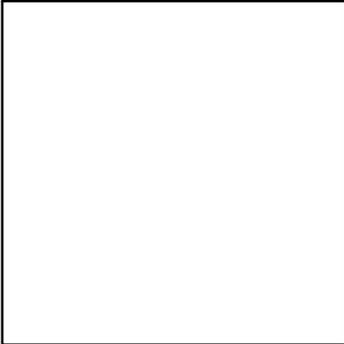
Thank you for driving a Volkswagen!



**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