

# Technical Bulletin



## Condition

**Instructions:** Perform this procedure on all applicable vehicles within the Limited New Vehicle Warranty

### RVU - Update Programming to Eliminate Slight Tip-In Hesitation (BF)



**Tip:**

This Technical Bulletin is in effect for 12 months from date of publication as listed above. After that date, this Technical Bulletin will expire and no longer be in effect.

01 06 18 Oct. 18, 2006 2013077

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Touareg	2007	BHK (3.6L)	All	7L_7D000001	7L_7D024957

## Technical Background

Updated ECM software that addresses:

- Rolling stop hesitation

### Engine Control Modules Affected:

Part No.	Index
03H906032	AG
	D

## Production Solution

ECM software update completed as of October 2006.

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## Service

### Requirements:

Vehicle must meet ALL of the following criteria:

- 1.Procedure is valid only for vehicles that show the (BF) code on the ElsaWeb Campaign Action Information inquiry screen on the day of repair.
- 2.Vehicle must be within the Limited New Vehicle Warranty.
- 3.Procedure must be performed within the allotted time frame stated in this Technical Bulletin.



#### Tip:

Procedure must also be performed on applicable vehicles in Dealer inventory.

### PROCEDURE:

#### Update - Programming (Flashing)



#### Tip:

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.

The following "Update - Programming" (flashing) process may overwrite any "TUNED" ECM programming. A "TUNED" ECM is described as any ECM 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, prior to performing the "Update - Programming" (flashing) procedure:

Your Dealership should place the vehicle owner on notice in writing, that their ECM was found to have been tuned, and that any damage caused by the tuning of the ECM (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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## Tool requirements

VAS 5051 or VAS 5052 (with Base CD V.10.01 and the Brand CD V.10.70.00 or higher).

“Update - Programming” (flashing) CD W42INSTKUPDATECD



### Tip:

Additional copies of the “Update - Programming” CD (Literature Number W42INSTKUPDATECD) may be ordered from the Volkswagen Technical Literature Ordering Center at [www.vw.ddsld.com](http://www.vw.ddsld.com) [www.vw.resolve.com](http://www.vw.resolve.com), or by calling 1–800–544–8021 from 8:00 a.m. to 8:00 p.m. EST Monday through Friday. This number can be dialed in both the United States and Canada.

## Vehicle requirements

Battery MUST have minimum no-load charge of 12.5V (failure to maintain voltage during update process can lead to ECM failure) (it is advised to use an approved battery 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:

Before update programming, delete the fault memory in the ECM. Update programming is not possible when an EEPROM fault is active.

Reprogram ECM with CD - Part number W42INSTKUPDATECD.

Insert the programming CD in the VAS 5051 / 5052, and access the ECM.

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 **Tip:**

If the update programming button does not appear, the latest version has already been installed to the level below.

Programming starts by pressing the “Update Programming” button and following the on screen prompts.

 **Note:**

Once update programming begins, on NO occasion should the Cancel button be selected.

 **Tip:**

Once update programming is complete, it is recommended to use 1001-Compiling Services prompt to clear faults stored in various control modules.

- Reset readiness code.

Updated Engine Control Module		
Part No.	Index	Software
03H906032	AG	0689
	D	9709

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## Warranty

### Required Vehicle Update Technical Bulletin Time Requirements / Reimbursement

To ensure prompt and proper payment, be sure to enter, immediately upon completion of the repair work, the applicable reimbursement code listed below. Claims will only be paid for vehicles that show the (BF) code in the ElsaWeb Campaign Action Information screen on the day of repair.

#### BF Data Entry Procedure Use Claim Type RC

Repair Code (Damage Code Field)	Time Units	Work Scope
BF 11	20 T.U.	(Check software level)
BF 12	115 T.U.	(Check software level, reprogram ECM, clear codes and reset readiness)
There is <b><u>NO</u></b> Reimbursement for Vehicle Wash or Loaner Vehicle		

The system automatically enters parts and labor applicable to the above listed code.

For vehicles that, according to your information, cannot be corrected or reached, and one of the codes below best describe the reason, please enter one of the applicable codes into the system:

- BF 20 Customer Refused Repairs
- BF 30 Total Loss
- BF 40 Vehicle Stolen
- BF 50 Vehicle Exported

### Additional Required Vehicle Update Technical Bulletins

Some of the affected vehicles may be involved in additional Required Vehicle Update Technical Bulletins. Please check your ElsaWeb Campaign Action Information screen so that any additional required work can be done simultaneously.

### Required Vehicle Update Technical Bulletin Verification

For verification, **always** check the ElsaWeb Campaign Action Information screen. The ElsaWeb Campaign Action Information system is the **only** binding inquiry and verification system; other systems **are not valid and may result in non-payment of a claim.**

### Help for Claim Input

**For questions regarding claim input, contact the Warranty Helpline toll-free at 1-866-306-8447.** Please do **not** contact the Campaign Helpline regarding claim input.

### 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 Technical Bulletin.**

## Required Parts and Tools

Description	Part No:	Quantity
CD	W42INSTKUPDATECD	1

No Special Tools required.



**OWNER INFORMATION ABOUT CONTROL MODULE TUNING\*  
ACKNOWLEDGEMENT AND AUTHORIZATION FOR  
REPROGRAMMING (REFLASHING) OF CONTROL MODULE(S)**

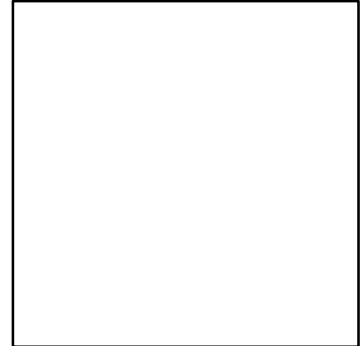
\*) "TUNING" is described as the addition of or modification of any component which causes a Volkswagen vehicle to perform outside the normal parameters and specifications approved by Volkswagen of America, Inc..

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