

# Technical Bulletin



## Condition

REQUIRED VEHICLE UPDATE TECHNICAL BULLETIN (RVUTB)  
PERFORM ON ALL APPLICABLE VEHICLES WITHIN THE LIMITED NEW VEHICLE WARRANTY

01 08 02 January 18, 2008 2017160

RVU – MIL and/or Oil Pressure Light Comes On (Typically At Cold Start) (O2)

This RVU has been proactively released to prevent the following condition from occurring in the vehicle:

Check engine and or oil pressure light comes on typically at cold start.



Tip:

Technical Bulletin Expiration Date: **January 18, 2009.**

Model(s)	Year	Engine	Factory	Trans. Code	From	To
Passat	2006	3.6L (BLV)	All	All	All	All
Passat	2007	3.6L (BLV)	Emden	All	All	7E049813
Passat	2007	3.6L (BLV)	Mosel	All	All	7P079584
Passat Wagon	2007	3.6L (BLV)	Emden	All	All	7E105742
Touareg	2007	3.6L (BHK)	All	All	All	7D026595



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

Updated ECM and TCM software that addresses:

- Check engine and or oil pressure light comes on typically at cold start.
- ECM might recognize erroneous fault codes.

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Engine and Transmission Control Modules Affected:

Vehicle	Module	Part No.	Index
Passat	ECM	03H906032	B, C
	TCM	09G927750	HK
Touareg	ECM	03H906032	AG, D
	TCM	09D927750	CP, FF

## Production Solution

Software concern was identified after production was concluded.

## Service

Requirements:

1. Vehicle must meet ALL of the following criteria:
2. VIN must show (24L8) code open in ElsaWeb on the day of repair.
3. Vehicle must be within the Limited New Vehicle Warranty.
4. 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.



Tip:

Update programming procedure has been revised for vehicles equipped with the higher speed diagnostic CAN-bus.

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## PROCEDURE:

### Update - Programming (Flashing)

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

#### 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.

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Update the Engine 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
Passat, Passat Wagon	3.6L BLV	03H906032B	All	03H997033M	2370	3016
Passat, Passat Wagon	3.6L BLV	03H906032C	All	03H997033N	2371	3016
Passat, Passat Wagon	3.6L BLV	09G927750AJ	All	09G927750HK	1271	3016
Passat, Passat Wagon	3.6L BLV	09G927750FR	All	09G927750HK	1271	3016
Passat, Passat Wagon	3.6L BLV	09G927750HK	1091	09G927750HK	1271	3016
Touareg	3.6L BHK	03H906032D	All	03H997033P	2372	3017
Touareg	3.6L BHK	03H906032AG	All	03H997033R	2374	3017
Touareg	3.6L BHK	09D927750CP	All	09D927750CP	1273	3017
Touareg	3.6L BHK	09D927750FF	All	09D927750FF	1274	3017

 **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 the ignition key for one minute and then cycle the key on and clear fault.

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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.

## 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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## 24L8 (O2) SAGA Claim Entry Procedure

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

Service No.: 24L8

Damage Code: 0099

Parts Manufacturer – Removed part:

*Please use the vendor code from the removed part. If no vendor code is available, then use K21.*

### Claim Type

Sold vehicle = 7 10

Unsold vehicle = 7 90

### Accounting Instructions

Criteria I.D. 3C Check software level; no update required (PASSAT)

Repair operation: 0183 00 99 10 TU

OR

Criteria I.D. 7L Check software level; no update required (TOUAREG)

Repair operation: 0183 00 99 10 TU

OR

Criteria I.D. 3C Check software level; reprogram ECM/TCM for PASSAT

Repair operation: 2470 25 99 70 TU

OR

Criteria I.D. 7L Check software level; reprogram ECM/TCM for Touareg

Repair operation: 2470 25 99 115 TU

*There is NO reimbursement for 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

VAS 5051 or VAS 5052 (with Base CD V.12.0 and the Brand CD V.12.81.00 or higher).

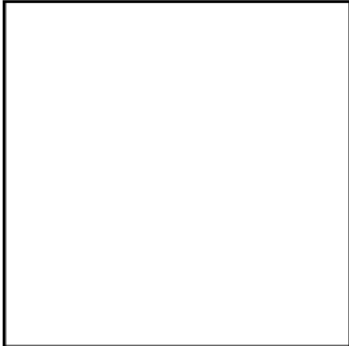
No parts required.



**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

