

# Technical Bulletin



Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Touareg	2004	3.2L (BAA)	All	All	All

## Condition

**01 08 11** March 6, 2008 **2015134** Supersedes Technical Bulletin Group 01 number 07-52 dated June 11, 2007 and due to additional fault codes which may be stored and or additional symptoms.

**Update Programming, MIL ON, DTCs P0420 and or P0430 Stored in ECM Fault Memory**



### Tip:

This software update also includes modification for:  
Random engine misfire (P0300 – P03XX) DTCs upon cold start.

One or more of the following fault codes may be stored in the ECM Fault Memory:

DTC	Description
P0420	Catalyst System Efficiency Below Threshold, Bank 1
P0430	Catalyst System Efficiency Below Threshold, Bank 2
P0300 (when cold)	Random Multiple Misfire Detected
P0301 (when cold)	Cylinder 1 Misfire Detected
P0302 (when cold)	Cylinder 2 Misfire Detected
P0303 (when cold)	Cylinder 3 Misfire Detected
P0304 (when cold)	Cylinder 4 Misfire Detected
P0305 (when cold)	Cylinder 5 Misfire Detected
P0306 (when cold)	Cylinder 6 Misfire Detected



### Note:

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

**DO NOT** diagnose or replace catalytic converters **before** performing the update function as explained in this bulletin.

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## Technical Background

The monitoring strategy for the catalytic converter is too sensitive causing unnecessary catalytic converter replacements and/or engine misfire when cold.

## Production Solution

Improved software makes the monitoring strategy more accurate.

## 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.

- 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
Touareg	3.2L (BAA)	022906032BF	All	022906032BF	9779	2097

The procedure can be found in GFF under Functions/ Component Selection, Software Version Management, Adapting Software.



#### **WARNING:**

The electric cooling fans may be activated during the ECM updating procedure.

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Once the SVM process is complete:

- Switch ignition OFF for 30 seconds.
- After a minimum of 30 seconds, switch ignition ON.
- Once Update-Programming is complete, it is recommended to use 1001 – Compiling Services prompt to clear fault codes in various control modules.
- Reset readiness code.



**Tip:**

For vehicles with cold start misfire DTC's P0300 – P0306, also add approved fuel additive to fuel tank before returning vehicle to the customer. See Technical Bulletin Instance 2014815.

If vehicle returns with cold start misfire DTC's P0300 – P0306 after software update and consumption of entire fuel tank with fuel additive, select the “Technical Assistance” tab in ElsaWeb and follow the instructions to obtain a 6-digit access code.

## Warranty

<b>To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual <sup>1)</sup></b>					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Touareg	2004	3.2L (BAA)	All	All	All
<b>Claim Type:</b>		<b>Use applicable Claim Type <sup>1)</sup></b>			
<b>SAGA Coding</b>					
Service Number:	Damage Code	Damage Location (Depends on Service No.)	Parts Manufacturer (removed part)		
2470	0039	Use applicable when indicated in ElsaWeb (L/R)	_ _ _ <sup>2)</sup>		
<b>Labor Operation <sup>3)</sup>:</b>		<b>24702550 = 90 TU</b>			
<b>Diagnostic Time <sup>4)</sup></b>					



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GFF Time expenditure	01500000 = XX TU max.	NO
Road Test	01210002 & 01210004	NO
Technical Diagnosis	0132xxxx = XX TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2015134" 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:	Quantity
VAS Diagnostic Tool	VAS 5051 / 5052	1

## Additional Information

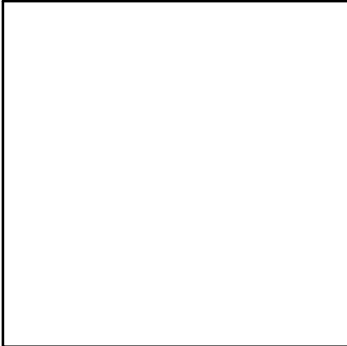
All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.



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

\_\_\_\_\_  
Signature of Customer