



# Technical Bulletin

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta, Beetle, Beetle Convertible	2013-2014	2.0L (CPPA, CPLA)	All	All	All

## Condition

**01 17 07** March 16, 2017 **2038575** Supersedes Technical Bulletin V011507 dated March 27, 2015 to update Jetta vendor code in the warranty table.

### Update Programming to Eliminate O2 Sensor DTC P2414 and/or P2237 along with O2 Sensor Replacement

Customer states the MIL light is ON, DTCs P2414 and/or P2237 may be present in the ECM fault memory.

DTC	Description
P2414	O2 Sensor Exhaust Sample Error, Bank 1 Sensor 1
P2237	O2 Sensor Positive Current Control Circuit Bank 1 Sensor 1 Open

## Technical Background

Current ECM catalyst heating process may cause damage to the front oxygen sensor.

## Production Solution

Optimize software.



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## 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.



#### Note:

Ensure that SVMs are always performed while using the most recent ODIS Service application and diagnostic content versions (**Application Version 4.0.0** and **VW Diagnostic Content Version 2.33.2 (or higher)**).

Prior to launching the ODIS service diagnostic applications and starting control module update process, confirm Date/Time & Time Zone.

The Windows date/time and time zone settings are used by the diagnostic software as a component of the diagnostic logs submitted for warranty purposes. If the date/time and time zone are incorrect on submitted diagnostic logs, warranty claim reimbursement may be questioned and/or delayed.

Ensure date/time etc. settings are correct as follows:

From the Windows desktop toolbar, double click on the local time indicator (typically found in the lower right corner of the desktop).

Use the tabs to ensure the current date/time, and time zone applicable to your location is set correctly.

Always connect a USB cable between the VAS 5054A or VAS 6154 Diagnostic Interface and diagnostic device for SVM procedures. Using a diagnostic interface with a wireless connection (Bluetooth or WLAN Infrastructure) is prohibited. 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.

**Critical Warning:** : The Midtronics Battery Charger **must** be connected to the vehicle battery for the duration of the programming, to ensure the battery state of charge remains above 12.5 volts during the update process. If the battery drops below 12.5 volts, the programming could fail which may result in damage to the control module. Control modules damaged by inadequate voltage will not be covered under the warranty policy. The technician should verify the vehicle voltage prior to starting the update process, and should monitor the voltage for the duration of the update.



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**Note:**

**O2 Sensor must be replaced after the ECM software has been updated.**

- Update the Engine Control Module using the SVM Unit code as listed in the table below:



**WARNING:**

Radiator Fan(s) may cycle ON high speed during the Update Process! There is a 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!

Model	Engine	Old Software Part No.	Old Software Version	New Software Part #	New Software Version (or higher)	SVM Unit Code
Jetta	CPLA	06K 906 070 T	4894	06K 906 070 T	8093	3AB9
			5139			
			5801			
			6059			
			6110			
			6282			
			6899			
			7643			
			8046			
Jetta	CPLA	06K 906 070	4052	06K 906 070 T	8093	3AB9
			4228			
			4241			
			4356			
			4475			
			4877			
			5134			



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			5527			
			5780			
Beetle, Beetle Convertible	CPLA	06K 906 070 AA	4879 5136 5782 6061 6115 6271 6900 7648 8051	06K 906 070 AA	8098	3AB9
Beetle, Beetle Convertible	CPLA	06K 906 070 A	4053 4236 4370 4878 5132 5222 5528 5781	06K 906 070 AA	8098	3AB9

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



**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 or action is carried out that is not explicitly stated in the Technical Bulletin.

Ensure attached ECM/TCM Tuning Form has been completed and signed by customer as required in SVM Technical Bulletin Instance 2014603.

- After Update programming of the ECM has been completed, replace the front oxygen sensor per Elsa instructions.



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## Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual <sup>1)</sup>					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Jetta, Beetle, Beetle Convertible	2013-2014	2.0L (CPPA, CPLA)	All	All	All
<b>SAGA Coding</b>					
Claim Type:	Use applicable Claim Type <sup>1)</sup>				
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
2470	0039	--		Use applicable when indicated in Elsa (L/R)	
Parts Manufacturer	Jetta, Beetle, Beetle Convertible		3ME <sup>2)</sup>		
Labor Operation <sup>3)</sup> : Charge Battery		27068950 = 10 TU			
Labor Operation <sup>3)</sup> : Update Programming		Included in GFF Time expenditure below			
Labor Operation <sup>3)</sup> : Remove and Install Engine Cover		10831900 = 20 TU			
Labor Operation <sup>3)</sup> : Remove and Install Intake Pipe		21131970 = 10 TU			
Labor Operation <sup>3)</sup> : Remove and Install Front Oxygen Sensor		24691970 = 20 TU			
Causal Part: Select GFF Time expenditure		01500000			
<b>Diagnostic Time <sup>4)</sup></b>					
GFF Time expenditure	01500000 = 50 TU max.			YES	
Road Test	01210002 = 10 TU 01210004 = 10 TU			YES	



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Technical Diagnosis	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2038575" in comment section of Warranty Claim.		
<p>1) Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only</p> <p>2) Code per warranty vendor code policy.</p> <p>3) Labor Time Units (TUs) are subject to change with ELSA updates.</p> <p>4) Documentation required per Warranty Policies and Procedures Manual.</p>		

## Required Parts and Tools

Part Description	Part Number
Front Oxygen Sensor	06K906262H

Tool Description	Tool No:
Midtronics Battery Tester/Charger	InCharge 940 (INC-940) or GRX3000VAS
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X with: ODIS Service with current online updates

## 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.

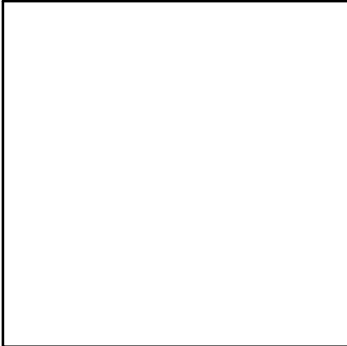
Document Control Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2038575/3	3/16/17	V011707	Update Jetta vendor code.
2038575/1	1/14/15	V011501	Original publication.



**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