Technical Bulletin

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta	2013 - 2014	2.0L (CPPA)	All	All	All
Jetta	2014	1.8L (CPRA)	All	All	All
Jetta	2015	2.0L (CPLA,CPPA) 1.8L (CPKA,CPRA)	All	All	All
Passat	2014	1.8L (CPRA)	All	All	All
Passat	2015	1.8L (CPKA,CPRA)	All	All	All
Beetle, Beetle Convertible	2013	2.0L (CPPA)	All	All	All
Beetle, Beetle Convertible	2014	2.0L (CPPA) 1.8L (CPKA,CPRA)	All	All	All
Beetle, Beetle Convertible	2015	2.0L (CPLA,CPPA) 1.8L (CPKA,CPRA)	All	All	All

Condition

01 15 14 June 11, 2015 **2040822**

Update Programming, DTCs P0491 and or P2440 stored in the ECM Fault Memory

Technical Bulletin

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

DTC	Description
P0491	**Secondary Air Injection System (Bank 1) insufficient flow**
P2440	**Secondary Air Injection System Switching Valve Stuck Open Bank1**

⚠️ **Note:**

DO NOT diagnose or replace components due to P0491 and/or P2440 faults **before** performing the update function as explained in this bulletin.

DO NOT diagnose or replace Combination Valve, Secondary Air Pump, Secondary Air Hose, **before** performing the update function as explained in this bulletin.

Technical Background

Current ECM software causing erroneous faults.

Production Solution

N/A.

Technical Bulletin

Service

<u>Update-Programming Procedure:</u>

[i] **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 the ODIS service diagnostic applications and starting control module update process, confirm tester screen saver and power settings in accordance with Special Tools and Equipment - Service Information 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/X or 6160/X 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.

<u>Critical Warning</u>: : 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.

⚠ **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!

Technical Bulletin

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

Model	Engine	Old Software Par No.	Old Software Version	New Software Part #	New Software Version (or higher)	SVM Unit Code
Beetle	CPLA	06K 906 071 T	6343 7021 7807 8113	06K 906 071 T	8451	3C8D
Beetle	CPPA	06K 906 071 AA	6342 7020 7806 8115	06K 906 071 AA	8347	3C8D
Beetle	CPKA	06K 906 071 AB	6346 7014 7556 7812 8101	06K 906 071 AB	8445	3C8D
Beetle	CPRA	06K 906 071 AC	6347 7013 7555 7811 8102	06K 906 071 AC	8446	3C8D
Jetta	CPLA	06K 906 071 N	6337 8035 8108	06K 906 071 N	8449	3C8D
Jetta	CPPA	06K 906 071 P	6338 8034 8109	06K 906 071 P	8450	3C8D
Jetta	CPKA	06K 906 071 B	6344	06K 906 071 B	8443	3C8D

Technical Bulletin

			7012 7816 8099			
Jetta	CPRA	06K 906 071 C	6345 7011 7815 8100	06K 906 071 C	8444	3C8D
Passat	CPKA	06K 906 071 J	6348 7016 7558 7814 7958 8103	06K 906 071 J	8447	3C8D
Passat	CPRA	06K 906 071 K	6349 7015 7557 7813 7959 8104	06K 906 071 K	8448	3C8D
Beetle Convertible	CPKA	06K 906 071 D	5802 6139 6142 6218 6249 6417 6862 7653	06K 906 071 D	9012	39D5
Beetle Convertible	CPKA	06K 997 071	0210	06K 906 071 D	9012	39D5

Technical Bulletin

Beetle Convertible	CPRA	06K 906 071 E	5803 6140 6143 6219 6250 6418 6863 7654	06K 906 071 E	9013	39D5
Beetle Convertible	CPRA	06K 997 071 A	0211	06K 906 071 E	9013	39D5
Beetle	CPPA	06K 906 070 AC	4887 5135 5784 6062 6116 6273 6902	06K 906 070 AC	8097	3C07
Beetle	CPPA	06K 997 070 H	0204	06K 906 070 AC	8097	3C07
Beetle	CPPA	06K 906 070 C	4055 4238 4372 4889 5131 5530 5790	06K 906 070 AC	8097	3C07
Beetle	CPPA	06K 997 070 H	0204	06K 906 070 AC	8097	3C07
Jetta	CPPA	06K 906 070 AB	5138 5783	06K 906 070 AB	8092	3C07

Technical Bulletin

			6060 6111 6272 6901 7642 8045			
Jetta	CPPA	06K 997 070 C	0199	06K 906 070 AB	8092	3C07
Jetta	CPPA	06K 906 070 B	4054 4237 4371 4493 4888 5133 5529 5789	06K 906 070 AB	8092	3C07
Jetta	CPPA	06K 997 070 C	0199	06K 906 070 AB	8092	3C07
Passat	CPRA	06K 906 070 J	5574 5794 6058 6120 6867 7651	06K 906 070 J	8054	3C07
Passat	CPRA	06K 997 070 M	0208	06K 906 070 J	8054	3C07
Jetta	CPRA	06K 906 070 F	4907 5143 5388 5511	06K 906 070 F	8052	3C07

Technical Bulletin

			5792			
			6056			
			6118			
			6220			
			6275			
			6865			
			7649			
Jetta	CPRA	06K 997 070 K	0206	06K 906 070 F	8052	3C07

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.

Technical Bulletin

Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual [1]					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Jetta	2013 - 2014	2.0L (CPPA)	All	All	All
Jetta	2014	1.8L (CPRA)	All	All	All
Jetta	2015	2.0L (CPLA,CPPA) 1.8L (CPKA,CPRA)	All	All	All
Passat	2014	1.8L (CPRA)	All	All	All
Passat	2015	1.8L (CPKA,CPRA)	All	All	All
Beetle, Beetle Convertible	2013	2.0L (CPPA)	All	All	All
Beetle, Beetle Convertible	2014	2.0L (CPPA) 1.8L (CPKA,CPRA)	All	All	All
SAGA Coding					
Claim Type:	Use applicable Claim Type [1]				
Service Number:	Damage Code		HST	Damage Location (Depends on Service No.)	

Technical Bulletin

2470	0039	--	Use applicable when indicated in Elsa (L/R)
Parts Manufacturer	**Passat**		**WWO** [2]
	Jetta, Beetle, Beetle Convertible		**3ME** [2]

Labor Operation [3] : Charge Battery	27068950 = 10 TU	
Labor Operation [3] : Update Programming	See GFF Time expenditure	
Causal Part: Select Labor Operation	01500000	

Diagnostic Time [4]		
GFF Time expenditure	01500000 = 50 TU max.	**YES**
Road Test	01210004 = 10 TU	**YES**
Technical Diagnosis	01320000 = 00 TU max.	**NO**

Claim Comment: Input "As per Technical Bulletin 2040822" 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 Policies and Procedures Manual.**

Technical Bulletin

Required Parts and Tools

No Special Parts required.

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.

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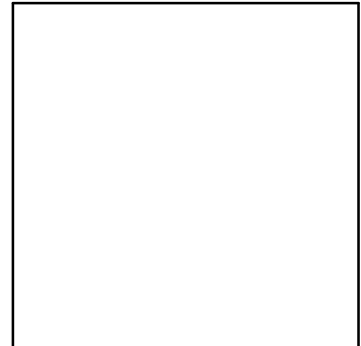# REPROGRAMMING (REFLASHING) OF CONTROL MODULE(S)

*) "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