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Model(s)	Year	Engine Code	Trans. Code	From	To
Jetta, Jetta Wagon	2009	CBEA	All	All	All
Jetta Sedan	2010	CJAA	All	All	All
Golf	2010-2014	CJAA	All	All	All
Jetta Sportwagen/ Golf Wagon	2010- 2014	CJAA	All	All	All
Jetta (NF)	2011- 2014	CJAA	All	All	All
Beetle / Beetle Convertible	2013-2014	CJAA	All	All	All

Condition

01 14 14 July 15, 2014 **2035464**

MIL ON, Cylinder Contribution/Balance Faults Stored in ECM Fault Memory P0263, P0266, P0269 and/or P0273

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

DTC	Description
P0263	Cylinder 1 Contribution/Balance
P0266	Cylinder 2 Contribution/Balance
P0269	Cylinder 3 Contribution/Balance
P0273	Cylinder 4 Contribution/Balance

⚠ **Note:**

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

Technical Background

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Diagnostic strategy for zero fuel calibration too sensitive.

Production Solution

Software implemented into production.

Service

⚠️ **Note:**

DO NOT replace injectors for these faults.

- Update ECM software with revised SW below.

Update-Programming Procedure:

ℹ️ **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 VAS-PC and 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 6150/5051B or VAS 5052A 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.

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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- 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
Jetta	CBEA (MQ350) 09	03L906022KS	3511 3257 3204 2771	03L997016N	9970	3339
Jetta Jetta Sportwagen	CBEA (MQ350) 09	03L906022PC	4029			3339
Jetta Jetta Sportwagen	CBEA (MQ350) 09	03L997016N	8680 7964 5109			3339
Jetta	CBEA (DQ250) 09	03L906022KT	3567 3512 3258 3106 2857 2772	03L997016P	9970	3339
Jetta Jetta Sportwagen	CBEA (DQ250) 09	03L906022PD	4107 4030			3339
Jetta Jetta Sportwagen	CBEA (DQ250) 09	03L997016P	8681 7965 5110			3339

Jetta Golf Jetta Sportwagen	CJAA (MQ350) 10	03L906019CL	7966 7274 6935 6902 6473 5383 5319	03L906019CL	9970	3339
Jetta Golf	CJAA (MQ350) 10	03L906022TS	5145 4837 4279			3339
Jetta Golf Jetta Sportwagen	CJAA (DQ250) 10	03L906019CM	7967 7275 6903 6474 5384 5320	03L906019CM	9970	3339
Jetta Golf	CJAA (DQ250) 10	03L906022TT	5146 4838 4280			3339
Jetta Golf Jetta Sportwagen	CJAA (MQ350) 11	03L906019DA	9144 9046 8217 7969 7271 7086 5983 5881	03L906019DA	9970	3339
Jetta Golf	CJAA (DQ250)	03L906019DB	9047 7970	03L906019DB		3339

Jetta Sportwagen	11		7272 7087 5984 5882			
Jetta	CJAA (MQ350) 11	03L906022KB	9044 7972 7088 5872	03L906022KB	9970	3339
Jetta	CJAA (DQ250) 11	03L906022PB	9045 8216 7973 7089 5871	03L906022PB	9970	3339
Jetta	CJAA (DQ250) 12	03L906019HH	3524 2260 1675	03L906019HH	6991	3339
Jetta	CJAA (MQ350) 12	03L906019EH	3523 1591 1374 0206	03L906019EH	6992	3339
Jetta Golf Jetta Sportwagen	CJAA (MQ350) 12	03L906019EE	3521 1181 0203	03L906019EE	6993	3339
Jetta Golf Jetta Sportwagen	CJAA (DQ250) 12	03L906019HG	3522 2261 1677	03L906019HG	6994	3339
Jetta	CJAA	03L906019HE	2641	03L906019HE	7171	3339

	(MQ350) 13		2934 3377 3784 4164 4425 4606 4819			
Jetta	CJAA (DQ250) 13	03L906019HD	2642 2933 3376 3787 4163 4424 4471 4605 4818	03L906019HD	7172	3339
Beetle Beetle Convertible	CJAA (MQ350) 13	03L906019AN	2326 2452 3336 3789 3896 4162 4430 4602 4815	03L906019AN	7174	3339
Beetle Beetle Convertible	CJAA (DQ250) 13	03L906019AP	2327 2451 3337 3790 3897	03L906019AP	7175	3339

			4161			
			4427			
			4473			
			4601			
			4814			
Jetta Golf Jetta Sportwagen	CJAA (MQ350) 13	03L906019HB	4817 4604 4422 4160 3785 3374 2931 2640	03L906019HB	7176	3339
Jetta Golf Jetta Sportwagen	CJAA (DQ250) 13	03L906019HC	4816 4603 4470 4159 3786 3375 2932 2639	03L906019HC	7177	3339
Jetta Golf Jetta Sportwagen	CJAA (MQ350) 14	03L906019JS	5675	03L906019JS	7549	3339
Jetta Golf Jetta Sportwagen	CJAA (DQ250) 14	03L906019JT	5676	03L906019JT	7550	3339
Beetle	CJAA	03L906019KA	6682	03L906019KA	7551	3339

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Beetle Convertible	(MQ350) 14		5677 5521			
Beetle Beetle Convertible	CJAA (DQ250) 14	03L906019KB	6683 5678 5522	03L906019KB	7552	3339
Jetta	CJAA (MQ350) 14	03L906019KD	6680 5680 5524	03L906019KD	7553	3339
Jetta	CJAA (DQ250) 14	03L906019KC	6681 5679 5523	03L906019KC	7554	3339

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

⚠ **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!

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.

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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, Jetta Wagon	2009	CBEA	All	All	All
Jetta Sedan	2010	CJAA	All	All	All
Golf	2010-2014	CJAA	All	All	All
Jetta Sportwagen/ Golf Wagon	2010- 2014	CJAA	All	All	All
Jetta (NF)	2011- 2014	CJAA	All	All	All
Beetle / Beetle Convertible	2013-2014	CJAA	All	All	All

SAGA Coding			
Claim Type:		Use applicable Claim Type [1]	
Service Number:	Damage Code	HST	Damage Location (Depends on Service No.)
2360	0039	--	Use applicable when indicated in ElsaWeb (L/R)
Parts Manufacturer	Golf		WWO [2]
	Jetta, Jetta Sportwagen, Beetle, Beetle Convertible		3ME [2]
Labor Operation [3] : Charge Battery	27068950 = 10 TU		
Labor Operation [3] : Update programming	Included in GFF Time expenditure below		

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Causal Part: Select Labor Operation		01500000	
Diagnostic Time [4]			
GFF Time expenditure	01500000 = 30 TU max.		YES
Road Test	01210002 = 00 TU		NO
	01210004 = 00 TU		
Technical Diagnosis	01320000 = 00 TU max.		NO
Claim Comment: Input "As per Technical Bulletin 2035464" 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.**			

Required Parts and Tools

No Special Parts required.

Tool Description	Tool No:
Midtronics Battery Tester/Charger	**InCharge 940 (INC-940)**
VAS Diagnostic Tool	**VAS 5051B, VAS 5052A, VAS 6150/X & VAS 6160/X with:** **ODIS Service 2.0.0 or higher 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: _____
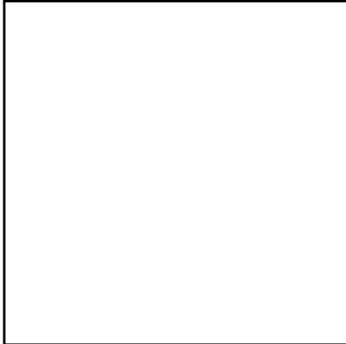
Dealer stamp

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