


**Condition**

Applicable Vehicles					
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta	2020 - 2021	1.4T DGXA	All	All	All

Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2066602/4	5/02/2025	01-22-03	Removed P2421 instructions to a separate bulletin.
2066602/3	3/10/2025	01-22-03	Updated labor operations.
2066602/2	1/9/2025	01-22-03	To remove original part number and vendor in warranty table.
2066602/1	3/29/2022	01-22-03	Original publication.


Customer states there is low or no heat output from the air vents under certain cold weather conditions.


This TB also proactively corrects faults listed below.

 <b>NOTICE</b>
<p>This software update also includes modifications for: P0441, P04F0, P148D, P0496, P060C (37682), P013E, P30DC, and P2421 DTCs.</p>

One or more of the following fault codes may be stored in the Engine Control Module (ECM) Fault Memory:

DTC	Description
P0441	EVAP Emission Contr.Sys.Incorrect Purge Flow
P04F0	EVAP system high pressure purge line performance
P148D	Evaporative Emission System Leak Detection Pump implausible frequency
P0496	EVAP System High Purge Flow
P060C (37682)	Internal Control Module Main Processor Performance
P013E	O2 Sensor Bank 1 Sensor 2 Delayed Response - Rich to Lean
P30DC	Pressure release for refueling gas tank not possible

 <b>CAUTION</b>
<p>If DTC P2421 is stored in the ECM, DO NOT use the SVM update from this bulletin. Instead refer to Technical Service Bulletin 2072378 for an updated procedure.</p>

 <b>NOTICE</b>
<p>DO NOT diagnose or replace components due to P0441, P04F0, P148D, P0496, P060C (37682), P013E, and P30DC faults</p>

before performing the update function as explained in this bulletin.

## Technical Background

Current Engine/Motor Control Module -J623- software can cause low engine heat output or may lead to various fault codes within the vehicle.

## Production Solution

Improved Engine/Motor Control Module -J623- software.

## Service

Update-Programming Procedure:

### WARNING

**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.

### 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 objects away from Radiator Fan(s) during update process.

### NOTICE

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 # VHW-22-13. 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 6154 wireless transmitter head for a flash procedure, 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.



To Update-Programming using Software Version Management (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 or action is carried out that is not explicitly stated in the Technical Bulletin.

- 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	DGXA	04E 906 024 AB	Z842	04E 906 024 AB	9973	48A2
			6946			
			9944			
			9970			

			9971 9972			
Jetta	DGXA	04E 906 024 BC	946 9970 9971 9972	04E 906 024 BC	9973	48A2
Jetta	DGXA	04E 906 024 BB	7401 9945 9970 9971 9972	04E 906 024 BB	9973	48A2
Jetta	DGXA	04E 906 024 BJ	Z943 Z961 0907 1055 2049	04E 906 024 BJ	2326	48A2
Jetta	DGXA	04E 906 024 BG	Z943 Z961 0905 1057 1520	04E 906 024 BG	2324	48A2
Jetta	DGXA	04E 906 024 BH	Z943 Z961 0906 1056 2048	04E 906 024 BH	2325	48A2



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

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

## 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
Jetta	2020 - 2021	1.4T DGXA	All	All	All
<b>SAGA Coding</b>					
<b>Claim Type:</b>		<b>Use applicable Claim Type <sup>1)</sup></b>			
<b>Service Number:</b>	<b>Damage Code</b>	<b>HST</b>	<b>Damage Location (Depends on Service No.)</b>		
2470	0039	--	--		

Parts Manufacturer		Jetta	3ME <sup>2)</sup>
Labor Operation <sup>3)</sup> : Charge Battery		27068950 = See Elsa for latest time units.	
Labor Operation <sup>3)</sup> : Update Programming ECM Control Module		24705599 = 50 TU max.	
Causal Part:		24705599	
<b>Diagnostic Time <sup>4)</sup></b>			
GFF Time expenditure	01500060 = Actual GFF print out	NO	
Road Test	01210004 = 10 TU	YES	
Technical Diagnosis	01320000 = 00 TU max.	NO	
Claim Comment: Input "As per Technical Bulletin 2066602" 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

Tool Description	Tool No:
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X and ODIS Service with current online updates
VAS Battery Tester / Charger	VAS 5908

### 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.

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

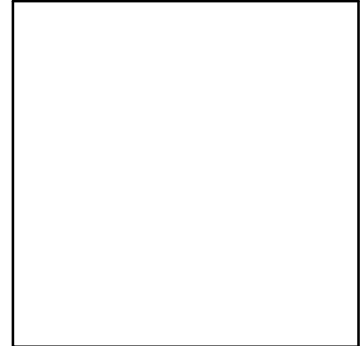
\*) "TUNING" is described as the addition of or modification of any component which causes a Volkswagen vehicle to perform outside the normal parameters and specifications approved by Volkswagen Group of America / Volkswagen Group Canada.

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