



01-21-05 - Update Programming, Adaptive Cruise Control Error Message or Fuel Trim Faults

Release date: 2/10/2021

Condition

Applicable Vehicles					
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Atlas	2018-2021	3.6L (CDVC)	All	CA_JC000001	CA_MC535396
Atlas Cross Sport	2020-2021	3.6L (CDVC)	All	CA_LC000001	CA_MC200039

Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2061777/1	2/10/2021	01-21-05	Original publication.



Note:

Ensure all applicable campaign actions have been performed successfully prior to following this TSB.

Fault P060C must be accompanied with symptom code 37682 for this TSB to be applicable. See Figure 1.

DTC memory entries (Data source: Vehicle):

DTC memory entry

Number: P060C00: Internal Control Module Main Processor Performance

Error type 2: passive/sporadic

Symptom: 37682

Status: 00101000

Figure 1.

**01-21-05 - Update Programming, Adaptive Cruise Control Error Message or Fuel Trim Faults**

Release date: 2/10/2021

One or more of the following fault codes may be stored in the Engine/Motor Control Module - J623- (ECM) Fault Memory:

DTC	Description
P060C (with symptom code: 37682)	Internal Control Module Main Processor Performance
P2096*	Post Catalyst Fuel Trim System Too Lean Bank 1
P2097*	Post Catalyst Fuel Trim System Too Rich Bank 1
P2098*	Post Catalyst Fuel Trim System Too Lean Bank 2
P2099*	Post Catalyst Fuel Trim System Too Rich Bank 2

DO NOT diagnose or replace components for the above fault(s) **before** performing the update function as explained in this bulletin.



* **Note:**

Review the software table below to determine if these faults are applicable to your vehicle.

Technical Background

Current Engine/Motor Control Module - J623- software causing erroneous fault(s).

Production Solution

Improved software implemented into production.

Service

Update-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.



01-21-05 - Update Programming, Adaptive Cruise Control Error Message or Fuel Trim Faults

Release date: 2/10/2021



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!



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 Diagnostic Device Hardware & Windows® - VHW-20-02 Change Power Options After Windows®10 Upgrade. 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.



Tip:

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:

P060C (Symptom code 37682) Only

Model	Engine	Old Software Part No.	Old Software Version	New Software Part No.	New Software Version (or higher)	SVM Unit Code
2018 Atlas	3.6L (CDVC)	03H906026E	9970	03H906026E	9971	455B
		03H906026F		03H906026F		
		03H906026J		03H906026J		
2019 Atlas	3.6L (CDVC)	03H906026S	9970	03H906026S	9971	
		03H906026R		03H906026R		
		03H906026AA		03H906026AA		



01-21-05 - Update Programming, Adaptive Cruise Control Error Message or Fuel Trim Faults

Release date: 2/10/2021

2020 Atlas	3.6L (CDVC)	03H906026AH 03H906026AG 03H906026AF	9971	03H906026AH 03H906026AG 03H906026AF	9972	
2020 Atlas Cross Sport	3.6L (CDVC)	03H906026AG	9971	03H906026AG	9972	
2021 Atlas / Atlas Cross Sport	3.6L (CDVC)	03H906026AJ	0638	03H906026AJ	1017	

P060C (Symptom code 37682) and/or Fuel Trim faults P2096, P2097, P2098, P2099

Model	Engine	Old Software Part No.	Old Software Version	New Software Part No.	New Software Version (or higher)	SVM Unit Code
2020 Atlas	3.6L (CDVC)	03H906026AH 03H906026AG 03H906026AF	9970	03H906026AH 03H906026AG 03H906026AF	9972	455B
2020 Atlas Cross Sport	3.6L (CDVC)	03H906026AG	9970	03H906026AG	9972	
2021 Atlas / Atlas Cross Sport	3.6L (CDVC)	03H906026AJ	0454	03H906026AJ	1017	



Tip:

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.



01-21-05 - Update Programming, Adaptive Cruise Control Error Message or Fuel Trim Faults

Release date: 2/10/2021

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
Atlas	2018-2021	3.6L (CDVC)	All	CA_JC000001	CA_MC535396
Atlas Cross Sport	2020-2021	3.6L (CDVC)	All	CA_LC000001	CA_MC200039
SAGA Coding					
Claim Type:		Use applicable Claim Type ¹⁾			
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
2470	0039	--		--	
Parts Manufacturer		Atlas and Atlas Cross Sport		WVO ²⁾	
Labor Operation ³⁾: Charge Battery			27068950 = see ELSA for latest time units.		
Labor Operation ³⁾: Update Programming ECM Control Module			24701999 = 50 TU max.		
Causal Part:			24701999		
Diagnostic Time ⁴⁾					
GFF Time expenditure	01500000 = 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 2061777/1" in comment section of Warranty Claim.					
¹⁾ Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only.					



01-21-05 - Update Programming, Adaptive Cruise Control Error Message or Fuel Trim Faults

Release date: 2/10/2021

- 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

Tool Description	Tool No:
Midtronics Battery Tester/Charger	GRX3000VAS or MTRMSP0702 battery maintainer/charger
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X and 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)**

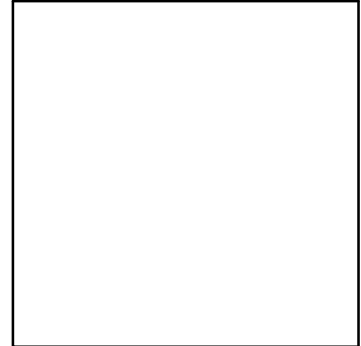
*) "TUNING" is described as the addition of or modification of any component which causes a Volkswagen vehicle to perform outside the normal parameters and specifications approved by Volkswagen Group of America / Volkswagen Group Canada.

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