

Condition

Applicable Vehicles					
Models	Year	Eng. Code	Trans Code	VIN Range From	VIN Range To
Atlas	2024-2025	All	All	All	All
Atlas Cross Sport	2024-2025	All	All	All	All
GTI	2022-2024	All	All	All	All
Golf R	2022-2024	All	All	All	All

Revision Table			
Instance Number	Publish Date	Version Number	Reason for Updating
2077876/1	5/9/2025	91-25-03	Original Publication.

Customer Concern:

After the engine start the parking aid/maneuver braking does not work. Additionally, the message” Fault parking aid, Maneuver braking or fault Rear Traffic Alert” is shown in the instrument cluster.

After switching the ignition off and on the functions are restored and a message is also no longer shown.

Work Shop Findings:

The customer statement cannot (always) be reproduced.

There are no relevant entries logged in the parking aid control unit (diagnostic address 0076).

There is no reference to a faulty parking assist sensors.

There is no recognizable external damage to the parking assist sensors.

 NOTICE
<p>If software updates or flash campaign/actions are performed on a vehicle, a charger with at least 70A charging current MUST be used in order to avoid problems during software updates and flash campaign/actions.</p>

Technical Background

Incorrect software in parking aid control unit (diagnosis address 0076).

 NOTICE
<p>Only parking aid control units with software version 0577 and 0578 are affected by this complaint.</p>

Production Solution

Not applicable.

Service

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.

The procedure may cancel itself if the hazard warning lights are not switched ON. The hazard warning lights prevent the system from switching to bus sleep mode during the update.

ODIS-Service tester should be updated to the latest GFF technical version 23.2.2 or higher and SW version 2.49.8 or higher.

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!

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 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.



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 software of the parking aid control unit (diagnostic address 0076) according to the table below.

Model	Engine	Old Software Part No.	Old Software Version	New Software Part No.	New Software Version (or higher)	SVM Unit Code
Atlas/Cross Sport	All	5WA.919.294.C	0577	5WA.919.294.C	0581	4E8B
Atlas/Cross Sport	All	5WA.919.298.B	0578	5WA.919.298.B	0582	4E8B
GTI / Golf R	All	5WA.919.294.C	0577	5WA.919.294.C	0581	4E8B
GTI / Golf R	All	5WA.919.298.B	0578	5WA.919.298.B	0582	4E8B



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

Active VW Customer Mobility Program (VWCMP) loaner vehicles are eligible to receive \$35 per day for loaner expense reimbursement under warranty (refer to document VWS-14-03 for applicable labor operation).

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	2024-25	All	All	All	All
Atlas Cross Sport	2024-25	All	All	All	All
GTI	2022-24	All	All	All	All

Golf R	2022-24	All	All	All	All
SAGA Coding					
Claim Type:	Use applicable Claim Type ¹⁾				
Service Number:	Damage Code	HST	Damage Location (Depends on Service No.)		
9174	0039	—	Use applicable when indicated in Elsa (L/R)		
Parts Manufacturer	Atlas, Atlas Cross Sport, GTI, Golf R			WVO ²⁾	
	MY 2025 Atlas, Atlas Cross Sport			VOA ²⁾	
Labor Operation ³⁾ : GFF/Guided functions (including Battery charge)		01500010= See Elsa for latest time units			
Labor Operation ³⁾ : Update Programming Driver Assistance Control Module		GFF time with a max of 50TUs			
Diagnostic Time ⁴⁾					
GFF Time expenditure	01500060 = Actual GFF print out with max 50TUs			YES	
Road Test	01210004 = see Elsa for latest time units			YES	
Technical Diagnosis	01320000 = 00 TU max.			NO	
Claim Comment: Input "As per Technical Bulletin 2077876" 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 are required.

Tool Description	Tool No.
Modtronics Battery Tester/Charger	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.

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