58-24-01 – Update Programming Rear Door Window Motor(s)   Release date: 3/20/2024

Condition

Applicable Vehicles					
Models	**Year**	**Eng. Code**	**Trans. Code**	**VIN Range From**	**VIN Range To**
Atlas	2024	All	All	CA_RC500000	CA_RC528033
Atlas Cross Sport	2024	All	All	CA_RC200000	CA_RC214987

Revision Table			
Instance Number	Published Date	Version Number	Reason for Update
2073320/1	3/20/2024	58-24-01	Original Publication.

> **① NOTICE**
>
> **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.**
>
> - **DO NOT diagnose or replace the rear window motor(s) before performing the update function as explained in this bulletin.**

Technical Background

Customer complains that the rear window(s) one touch is inoperative.

The rear window motor changed from hall sensor to sensor-less position control to detect window position.

Rear window motors are losing basic settings due to window free-fall affect when traveling down causing high motor frequency and low ripple detection.

Production Solution

Software implemented October of 2023.

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Service

> **i**
>
> **The focus of this repair is to reprogram the door control modules after switching rear window motors.**

Procedure:

Switch the left rear window motor to the right rear window motor and the right rear window motor to the left rear window motor. See Repair Group 58 in Elsa.

Perform update SVM 4D83.

To Update-Programming using Software Version Management (SVM), **review and follow** instructions in **Technical Bulletin Instance 2014603** "Software Version Management".

> ⚠ **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 damage by inadequate voltage will not be covered under 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 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**
>
> - **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 Fam(s) during the Update Process.**

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> ⓘ **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

> ⓘ
>
> **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.**

The following control modules will be updated to a recent version number:

00BB Rear driver side door electrics DSDL2 + Coding + Adapt/calibrate

00BC Rear passenger side door electronics DSDL2 +v Coding + Adapt/calibrate

> ⓘ
>
> **The procedure can be found in GFF under functions/Component Selection, Software Version Management, Adapting Software.**

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Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual.					
Models	**Year(s)**	**Eng. Code(s)**	**Trans. Code(s)**	**VIN Range From**	**VIN Range To**
Atlas	2024	All	All	CA_RC500000	CA_RC528033
Atlas Cross Sport	2024	All	All	CA_RC200000	CA_RC214987
SAGA Coding					
Claim Type:	**Use applicable Claim Type** [1]				
Service Number:	**Damage Code**		**HST**	**Damage Location (Depends on Service No.)**	
6461	0040		--	--	
Parts Manufacture		Atlas, Atlas Cross Sport		YEY [2]	
Labor Operation [3] **:** Remove + Install driver & passenger side rear door window motor	64611999 = 20 TU				
Labor Operation [3] **:** Remove + Install driver & passenger door trim	70731999 = 60 TU				
Labor Operation [3] **:** Battery Charge	27068950 = 20 TU				
Labor Operation [3] **:** SVM Programming	01500060 = 70 TU				
Diagnostic Time [4]					
GFF Time expenditure	01500060 = Actual GFF print out. 70 TU max.			YES	
Road Test	01210002 = 00 TU 01210004 = 00 TU			NO	
Technical Diagnosis	01320000 = 00 TU max.			NO	

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Claim Comment: Input "As per Technical Bulletin 2073320" in comment section of Warranty Claim.

Vehicle may be outside warranty in which this Technical Bulletin is informational only.

Code per warranty vendor code policy.

Labor Time Units (TUs) are subject to change with ELSA updates.

Documentation required per Warranty Policies and Procedures Manual.

Required Parts and Tools

No Special Parts required.

Tool Description	Tool Number
Midtronics Battery Maintainer	MYRMSP0702
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X and ODIS Service with: current online updates
USB	3G8.919.360.P

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.