



## Condition

**ATTENTION:**

**THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN.  
TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.**

### Applicable Vehicles

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Atlas, Atlas Cross Sport	2024	All	All	All	All

### Revision Table

Instance Number	Published Date	Version Number	Reason For Update
2071408/1	8/31/2023	69-23-01TT	Original publication.

## Technical Background

On model year 2024 Atlas vehicles you may notice DTC B101C07 which can be caused by driving the vehicle five consecutive drive cycles (separated by a bus sleep) without fastening/unfastening the safety belt. The airbag warning lamp is **NOT** illuminated for this fault.

## Service

Do not perform any repair unless the safety belt switch status will NOT change state.

For Airbag Control Unit (diagnostic address 0015), read MVB "MAS00025 - Driver Seat Belt Switch" (figure 1). You should see the status change between "connected" (figure 2) and "not connected" (figure 3) when fastening & unfastening the seat belt.

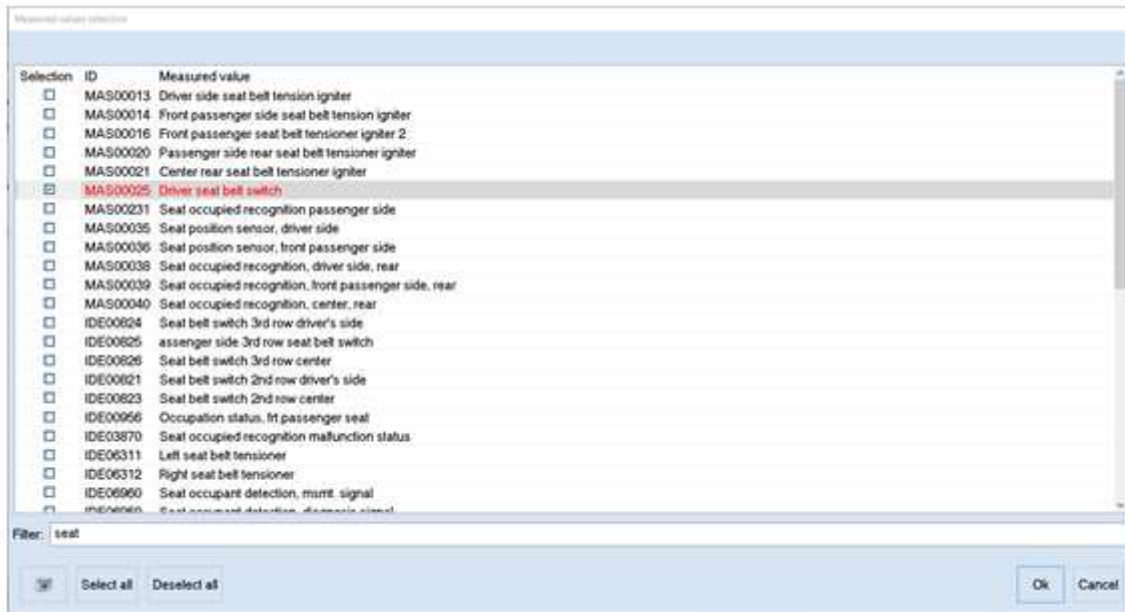


Figure 1

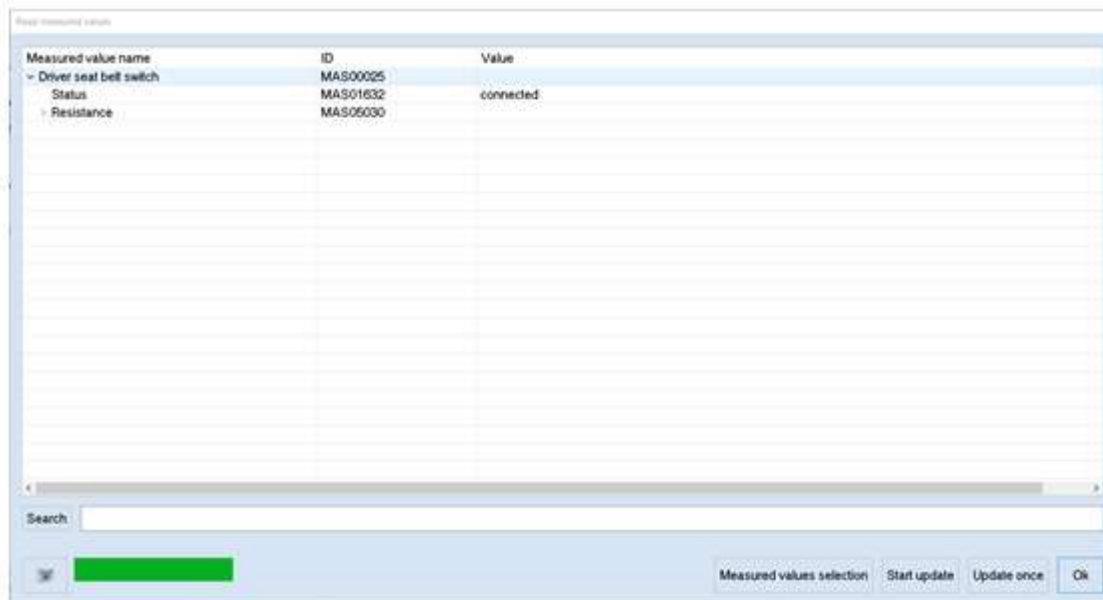


Figure 2



The screenshot shows a software window titled "App measured values". It contains a table with three columns: "Measured value name", "ID", and "Value". The table lists three items under the "Driver seat belt switch" category: "Status" with ID MAS01632 and value "not connected", and "Resistance" with ID MAS05030. The "Value" column is empty for the "Resistance" item. Below the table is a search bar and a green button. At the bottom right, there are buttons for "Measured values selection", "Start update", "Update once", and "Ok".

Measured value name	ID	Value
Driver seat belt switch	MAS00025	
Status	MAS01632	not connected
Resistance	MAS05030	

Figure 3

### Additional Information

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