

Technical Service Bulletin

Topic	Window Drop Glass Operation Continental GT/GTC 25MY
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2075821/2
Level	EH
Status	Released for publishing
Release date	May 22, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0052 - Passenger's door electronics	B148754: Window regulator motor no basic setting		Intermittent
00BB - Rear drivers side door electronics	B148754: Window regulator motor no basic setting		Intermittent
00BC - Rear passenger side door electronics	B148754: Window regulator motor no basic setting		Intermittent
0042 - Driver's door electronics	B148754: Window regulator motor no basic setting		Intermittent

New customer code

Object of complaint	Complaint type	Position
body attachments and installations -> door opening/closing, window heating -> short stroke door closing	functionality -> no function	right rear
body attachments and installations -> door opening/closing, window heating -> automatic window lowering for door opening	functionality -> operation sequence incorrect	left front
body attachments and installations -> door opening/closing, window heating -> automatic window lowering for door opening	functionality -> operation sequence incorrect	left rear
body attachments and installations -> door opening/closing, window heating -> automatic window lowering for door opening	functionality -> operation sequence incorrect	right front
body attachments and installations -> door opening/closing, window heating -> short stroke door closing	functionality -> no function	left front
body attachments and installations -> door opening/closing, window heating -> short stroke door closing	functionality -> no function	right front
body attachments and installations -> door opening/closing, window heating -> automatic window lowering for door opening	functionality -> operation sequence incorrect	right rear
body attachments and installations -> door opening/closing, window heating -> short stroke door closing	functionality -> no function	left rear

Vehicle data

Continental GT/GTC

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
Z23*	2025	E		*	*	*
Z24*	2025	E		*	*	*

Documents

Document name
master.xml
glass_reset_procedure_25my_gt_gtc.pdf
glass_set_sheet_gt_25my.pdf
glass_set_sheet_gtc_25my.pdf

Condition

- Incorrect operation / function of the front and / or rear window drop glass
- Front and / or rear drop glass fails to open / close or attempts to close and re-opens once contact has been made between the glass and applicable seal
- DTC for window regulator motor no basic setting B148754 evident within any of the 4 window control modules (diagnostic address 42, 52, BB and BC) for loss of basic settings

Technical Background



IMPORTANT NOTE: Aftermarket window tinting can affect the operation of the windows, please advise customers the onward instructions cannot be applied until the aftermarket tinting is removed

CAUTION

The operative must ensure the latest version of this TPI is obtained using the applicable VIN as TPI versions change without notice



Should the issue still be evident after the instructions within this TPI have been conducted or if this is a repeat repair; the operative must raise a new DISS query or respond via the existing DISS query and await feedback before conducting any further work.

The answer to the following question must be included within the DISS query

Did the drop door glass operational issue occur when opening or closing the door?

Or

Whilst operating the applicable window?

NOTICE

NOTE TO PRODUCT SUPPORT: In the event a DISS query is received with a complaint relating to drop glass operational issues after the instructions within this TPI have been conducted to completion and the issue is still evident, please second level the DISS query to the Body and Trim Senior Engineer and await feedback before responding to the retailer

Revision history 2075821/2

The measure section has been updated to include further instructions on how to record the glass set measurements.

Production Solution

The Bentley continuous improvement policy has been implemented within the manufacturing process, the required improvements have been utilised within this TPI

Service



VERY IMPORTANT: To eliminate a repeat repair the instructions within the Measure section and attached PDF instructions must be conducted on the front and rear drop door glass - left and right hand side to completion

ALL steps MUST be conducted from step 1 through to 9 (DO NOT IGNORE ANY OF THE STEPS)

ALL STEPS MUST BE CONDUCTED TO COMPLETION IN THE EXACT ORDER SHOWN

1) Carry out a 12 Volt battery test

To complete the 12 Volt battery test follow the instructions below

Open the test plan tab in ODIS and select "select own test" (Figure 1).

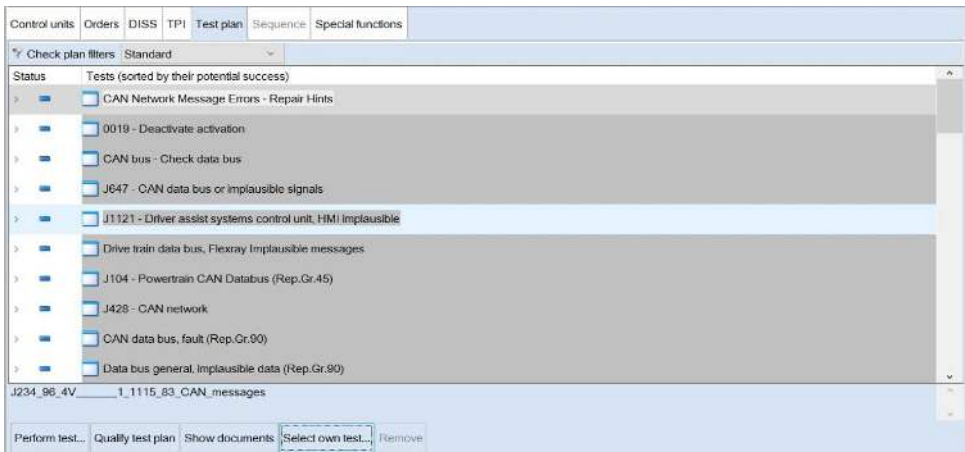


Figure 1

Now select address 0019 Data bus diagnostic interface (Figure 2), then within “functions” select “read measured values” (Figure 3)

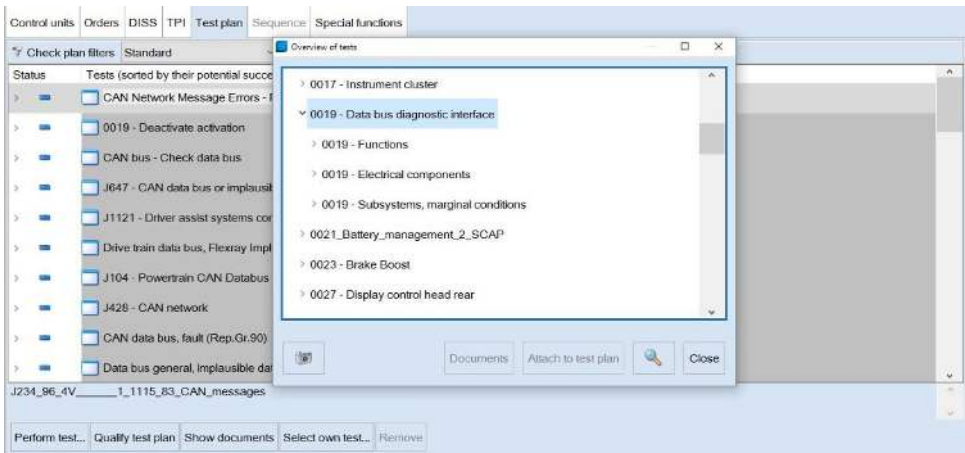


Figure 2

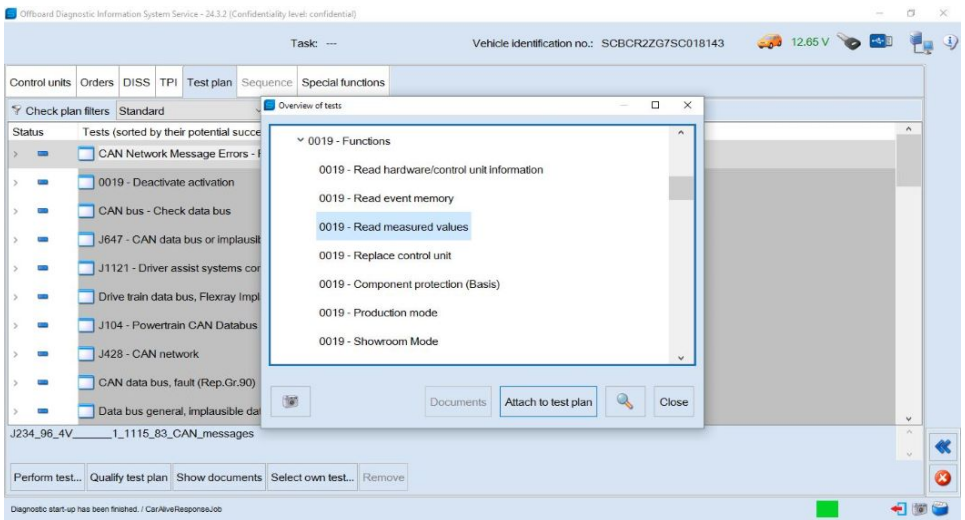


Figure 3

Run the test plan, selecting IDE01834 and IDE01839 as the measurements (Figure 4) and ensure the 12 Volt battery is functioning correctly (Figure 5)

- Measure the time (in seconds) it takes to close the front and rear windows from fully open to the fully closed position
- Record the time

Driver side front = seconds

Driver side rear = seconds

Comments

Section 1 – Software update to the rear door control modules 00BB and 00BC – Short drop function elimination

NOTICE

IF THE ED18 CAMPAIGN HAS ALREADY BEEN COMPLETED ON THE VEHICLE PROCEED TO SECTION 2.

3) If the ED18 campaign has not been completed on the vehicle, perform the software update as described below and **ENSURE ALL STEPS ARE COMPLETED FULLY.**



The following software update eliminates the rear window short drop function

- The closed-circuit voltage of the vehicle must be at least 12.5 V during the update. Connect a suitable battery charger to the vehicle. For further information refer to the Repair manual
- During the update switch off all unnecessary consumers (ventilation, seat heater, interior illumination etc) ensure the main light switch is set to 'off' and leave the driver's door open
- Because of the highest transmission stability you MUST use the diagnosis interface VAS 6154 (WiFi diagnostic tool) ONLY in USB operation or the cable-connected VAS 5055 for the reprogramming (updating) of control units. If these units are not available, the diagnosis interface VAS 5054 (A) can also be used in USB mode
- Do NOT under any circumstances use a Bluetooth connection to conduct the reprogramming (updating) of any control units

3a) Referring to Figure 6 - Within the Special functions tab - Select SVM - Code Input (Point A)

- Select Perform test (Point B)

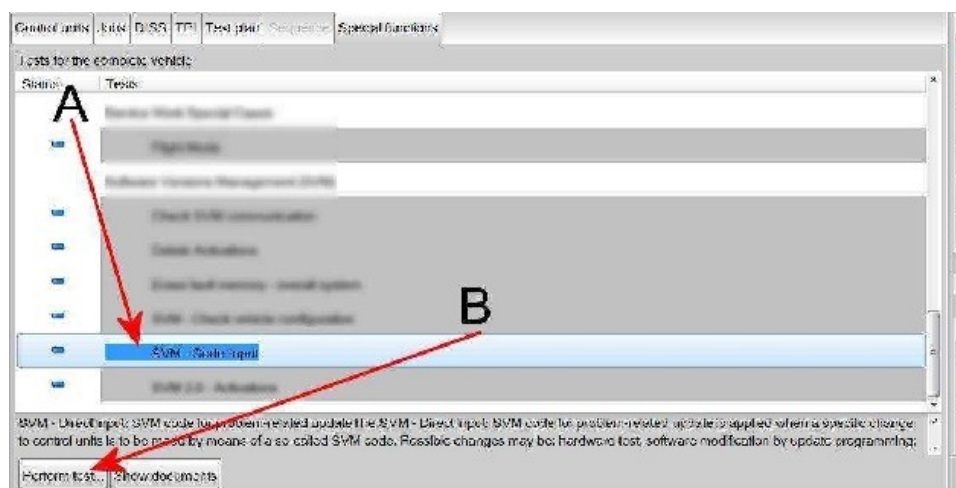


Figure 6

3b) Referring to Figure 7 - Enter the SVM code 372WDD01

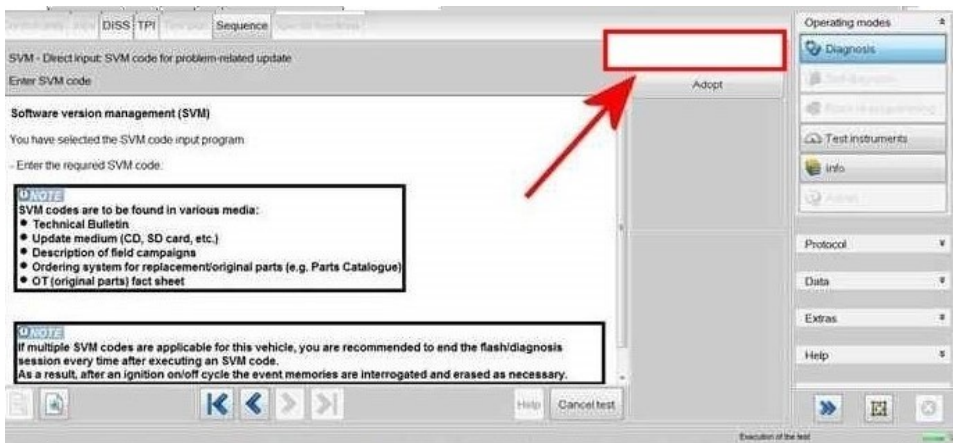


Figure 7

3c) The control modules will automatically be updated one by one, starting with 00BB (driver rear) and then 00BC (passenger rear)



Upon successful completion you will get a failure message of 8113 SVM Error.

NOTICE

If you get any other error code, such as 8118, please raise a full technical DISS query with the log submitted online.

3d) On completion, open the doors and ensure that the rear windows no longer drop. Then complete the steps below:

- Switch off the ignition
- Remove the diagnostic interface from the OBD port
- Switch off and remove the battery charger from the vehicle
- Close the bonnet, boot and all doors
- Lock the vehicle
- Wait 5 minutes to allow the vehicle to go into bus silence
- When 5 minutes has elapsed, unlock the vehicle and open the driver's door
- Switch on the ignition

3e) VERY IMPORTANT - Referring to Rep.Gr 64 - Side glass - To initialise

3f) Once the software update has been conducted proceed to section 2

[Section 2 - Rectification / Check Instructions](#)

4) Conduct a thorough check of all Window / door seals for the following:

- Damage
- Splits
- Tears
- Misalignment
- Incorrectly fitted / located
- Drop glass seal deformation (see Figures 8 and 9 as examples)



Figure 8



Figure 9

NOTE: Any issues found with the window seals must be rectified before conducting the remaining steps

5) VERY IMPORTANT: Referring to the attached PDF instruction and the instructions in section 3, the operative must now conduct all steps to completion before continuing to step 6 - The process within the attached PDF instruction **MUST** be performed to completion in all cases regardless if the window measurements are initially within specification

NOTICE

Please ensure all steps are followed within the attached glass check / measurement PDF documents, the operative should be aware there is (x1) document for New Continental GT and (x1) document for New Continental GTC please ensure the correct document is used depending on vehicle type



Ensure all required measurements are attached to a new or existing DISS query

NOTICE

If not already done so, review eAcademy Digital Learning HUB videos on Glass Setting Procedures for GT / GTC before proceeding to ensure accurate and repeatable measurements are being made



The process is the same as demonstrated in the videos, however, for 25MY vehicles, one of the measurement points has changed.

PLEASE FOLLOW THE ATTACHED GLASS SET MEASUREMENT TABLES CAREFULLY.

Log into eAcademy - Select / open Digital Learning HUB - All content - Technical information - Continental GT & GT Convertible (2017+) Technical Information

- The operative must review the (x3) videos which are available on the Digital Learning HUB (see example shown in Figure 10 of all videos which must be reviewed)

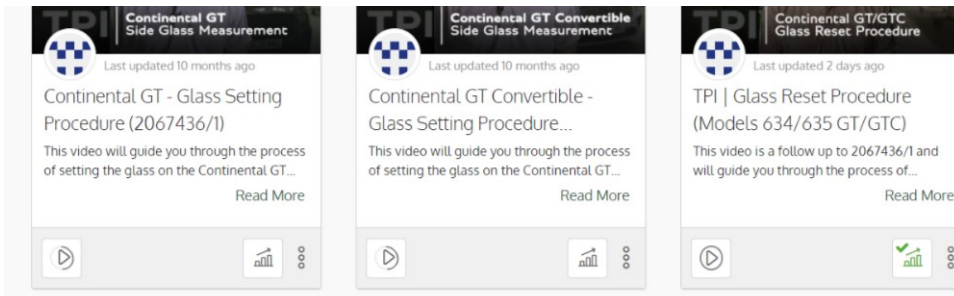


Figure 10

Section 3 - Glass Set Measurement Instructions

CAUTION

In addition to the videos above, strictly adhere to the instructions shown below when completed the glass set measurement process.

If unsure about the measurement process follow the video on eAcademy or raise a full technical DISS query.

To eliminate confusion about the usage of WT10549/3 and the Y axis profile measurement between the front and rear windows and how to correctly read/enter the measurements in the tables, please refer to the below images to aid with accurate reading of the Y axis profile when using WT10549/3.

Window Parallel

When the window is parallel take the 2mm step from the tool and minus the 2mm gap between front window and tool = -0mm (as shown in figure 11)

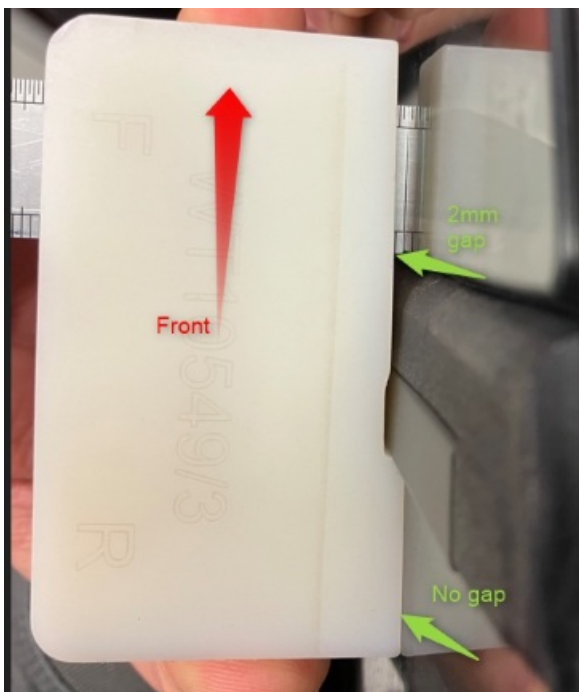


Figure 11

When the rear window is 0mm inboard from the front glass and the windows are parallel, the measurement written as 0mm (figure 12)

Profile (Y-Axis) Roof Down	Vehicle Position	Dimension -X-	Before adjustment
4 50mm from top of division bar	Front drop glass to rear quarter glass	+0 mm / - 2 mm	0mm

Figure 12

Rear Window Inboard

When the rear window is inboard and there is a 2mm step from the tool, when there is no gap between either window and tool (figure 13), the recorded measurement should be -2mm (figure 14)

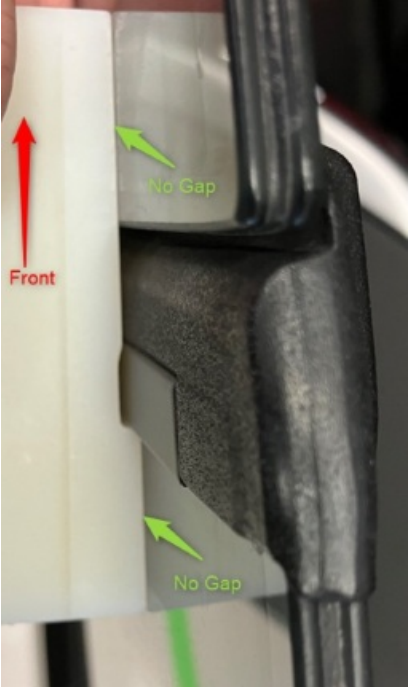


Figure 13

Profile (Y-Axis) Roof Down	Vehicle Position	Dimension -X-	Before adjustment
4 50mm from top of division bar	Front drop glass to rear quarter glass	+0 mm / - 2 mm	-2mm

Figure 14

Rear Window Too Far Inboard

When the rear window is inboard and there is a 2mm step from the tool as well as an additional 1.5mm gap to the window (figure 15), the recorded measurement should be -3.5mm (figure 16).



Figure 15

Profile (Y-Axis) Roof Down	Vehicle Position	Dimension -X-	Before adjustment
4 50mm from top of division bar	Front drop glass to rear quarter glass	+0 mm / - 2 mm	-3.5mm

Figure 16

If the tool (WT10549/3) does not sit flush against the rear window then this shows rear window is more than 2mm inboard (more than -2mm), check this by holding the tool on the front window and measuring gap between the rear glass and the tool (as shown in figure 17)



Figure 17

Section 4 – Final Checks

6) VERY IMPORTANT - Referring to Rep.Gr 64 - Side glass - To initialise

CAUTION When conducting step 7 extra care must be taken to ensure the interior trim is suitably protected, any water which enters the vehicle due to a leak must be dried / cleaned immediately
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Hint: Ensure all windows, sunroof and convertible roof (where applicable) are fully closed before conducting the water leak check

7) Conduct a water leak check to ensure that water is not leaking into the vehicles interior

- Water leaks must be resolved before returning the vehicle to the customer

8) Conduct a short road test to check for any wind noise related issues

CAUTION Wind noise issues must be resolved before returning the vehicle to the customer
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9) Raise a technical DISS query ensuring the following is attached

- Completed final glass measurements (Post reset / readjust)
- Confirmation of glass / window closing times (as step 2)
- Confirmation of the 12 volt battery condition
- Images of any issues found with seals



Should the issue still be evident after conducting steps 1 through to 16 the operative must raise a new DISS query or respond via the previously opened DISS query and await feedback before conducting any further work ensuring the following question is answered and included within the DISS query

Question:

Did the drop door glass operational issue occur when opening or closing the door

Or

Whilst operating the applicable window?

NOTICE NOTE TO PRODUCT SUPPORT: In the event a DISS query is received with a complaint relating to drop glass operational issues after the instructions within this TPI have been conducted to completion and the issue is still evident, please second level the DISS query to the Body and Trim Senior Engineer and await feedback before responding to the retailer
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Warranty

Warranty type

110 or 910

Damage service number 64 38

Damage code 00 12

Time to conduct initial checks

Labour operation code 64 38 02 00

Time 30 TU

Time to conduct window seal checks

Labour operation code 57 63 01 01

Time 20 TU

Time to conduct the front and rear glass set procedure (left and right hand side)

Labour operation code 64 40 16 01

Time 620 TU

Water leak test

Labour operation code 64 38 01 99 (Use this code when conducting the water leak test)

Time 20 TU

Post repair road test

Labour operation code 01 21 00 01

Time 30 TU

Required Parts and Tools

Reference ETKA where required

Side glass measurements GT 25MY				
Interlock (Z-Axis)	Vehicle Position	Dimension -X-	Before adjustment	After adjustment
A 50 mm from division bar	Front quarter glass	7.5 mm $\pm$ 1 mm		
B 150 mm from division bar	Front of door drop glass	8 mm $\pm$ 1 mm		
C 50 mm from rear of door drop glass	Rear of door drop glass	8 mm $\pm$ 1 mm		
D 50 mm from rear drop glass division bar	Front of rear quarter glass	8 mm $\pm$ 1 mm		
E 50 mm from rearmost section of rear drop glass	Rear of rear quarter glass	8 mm $\pm$ 1 mm		
Interlock (X-Axis)	Vehicle Position	Dimension -X-	Before adjustment	After adjustment
4 50 mm from the top of the window	Rear door quarter glass strip to front door drop glass edge	11 mm $\pm$ 1 mm		
5 50 mm from the waistrail seal	Rear door quarter glass strip to front door drop glass edge	11 mm $\pm$ 1 mm		
Profile (Y-Axis)	Vehicle Position	Dimension -X-	Before adjustment	After adjustment
1 50 mm from division bar	Front quarter glass	10 mm $\pm$ 1 mm		
2 150 mm from division bar	Front of door drop glass	10 mm $\pm$ 2 mm		
3 50 mm from rear of door drop glass	Rear of door drop glass	10 mm $\pm$ 2 mm		
6 50 mm from rear drop glass division bar	Front of rear quarter glass	10 mm $\pm$ 2 mm		
7 50 mm from rearmost section of rear drop glass	Rear of rear quarter glass	10 mm $\pm$ 2 mm		
8 50mm forwards of rear of front drop glass (waist rail gap)	Rear of door drop glass	5mm $\pm$ 1mm		
9 50mm rearward of front of rear drop glass (waist rail gap)	Front of rear quarter glass	5mm $\pm$ 1mm		
Profile (Y-Axis)	Vehicle Position	Dimension -X-	Before adjustment	After adjustment
4 50mm from top of division bar	Front drop glass to rear quarter glass	+0 mm / - 2.5 mm		
5 50mm from bottom of division bar	Front drop glass to rear quarter glass	+0 mm / - 2 mm		

Side glass measurements GTC 25MY				
Interlock (Z-Axis)	Vehicle Position	Dimension -X-	Before adjustment	After adjustment
1 50 mm from division bar	Front quarter glass	7.5 mm $\pm$ 1 mm		
2 100 mm from division bar	Front of door drop glass	8.5 mm $\pm$ 1 mm		
3 50 mm from rear of door drop glass	Rear of door drop glass	8.5 mm $\pm$ 1 mm		
6 50 mm from rear drop glass division bar	Front of rear quarter glass	8.5 mm $\pm$ 1 mm		
7 100 mm from where the hood meets the brightware	Rear of rear quarter glass	10 — 16mm		
Interlock (X-Axis) Roof Up	Vehicle Position	Dimension -X-	Before adjustment	After adjustment
4 50 mm from the top of the window	Rear door quarter glass strip to front door drop glass edge	11 mm $\pm$ 1 mm		
5 50 mm from the waistrail seal	Rear door quarter glass strip to front door drop glass edge	11 mm $\pm$ 1 mm		
Interlock (X-Axis) Roof Down	Vehicle Position	Dimension -X-	Before adjustment	After adjustment
4 50 mm from the top of the window	Rear door quarter glass strip to front door drop glass edge	11 mm $\pm$ 1 mm		
5 50 mm from the waistrail seal	Rear door quarter glass strip to front door drop glass edge	11 mm $\pm$ 1 mm		
Profile (Y-Axis)	Vehicle Position	Dimension -X-	Before adjustment	After adjustment
1 50 mm from division bar	Front quarter glass	10 mm $\pm$ 1 mm		
2 100 mm from division bar	Front of door drop glass	14 mm $\pm$ 2 mm		
8 50mm forwards of rear of front drop glass (waist rail gap)	Rear of door drop glass	5mm $\pm$ 1mm		
9 50mm rearward of front of rear drop glass (waist rail gap)	Front of rear quarter glass	5mm $\pm$ 1mm		
Profile (Y-Axis) Roof Up	Vehicle Position	Dimension -X-	Before adjustment	After adjustment
4 50mm from top of division bar	Front drop glass to rear quarter glass	+0 mm / – 2.5 mm		
5 50mm from bottom of division bar	Front drop glass to rear quarter glass	+0 mm / – 2 mm		
Profile (Y-Axis) Roof Down	Vehicle Position	Dimension -X-	Before adjustment	After adjustment
4 50mm from top of division bar	Front drop glass to rear quarter glass	+0 mm / – 2.5 mm		
5 50mm from bottom of division bar	Front drop glass to rear quarter glass	+0 mm / – 2 mm		



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Retailer glass reset procedure for New GT/GTC





- Introduction Page 3
- Front quarter glass adjuster reset Page 4
- Front door regulator adjuster reset Pages 5, 6 & 7
- Rear quarter regulator adjuster reset Pages 8, 9 & 10
- Measuring front glass intrusion into front division bar Page 11
- Z Axis height adjustment on front drop glass Page 12
- Waistrail measurement checking/resetting Pages 13, 14 & 15
- Window entry into cant rail/convertible roof seal Page 16
- Final Checks Page 17
- Glass set measurement sheets Page 18 & 19



In instances of multiple window drop concerns it has been found that to achieve Glass set specifications some adjusters are being adjusted far out of specification.

In some cases since not all adjusters are visible, there is a possibility that the adjusters can be set to their maximum inboard/outboard and induce excess tension in the regulators and affect the angle the windows enter the seals. There is free play built into the front and rear regulators, therefore as the windows are being held in place by the cant rail/convertible roof seals when closed, this may not be apparent when measuring as per ELSAPRO. However, these extreme adjustments can cause issues with how the windows enter the cant rail/convertible roof seals or how the front and rear glasses interlock with each other, in some cases this can cause the seals to pinch and cause an anti trap condition leading to window reversal.

The following procedure should be applied to reset the regulator adjusters to factory delivered specification and then fine tune any adjustments from there in line with ELSA specifications. **To do this, the drop glass window should be removed first to prevent damage during adjuster resetting** and access to all 8 adjusters is needed so front door and rear quarter panel trims will require removal.

If not already done so, review E-Academy videos on Glass Setting Procedures for New GT/GTC before proceeding to ensure accurate and repeatable measurements are being made.



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- Front quarter glass adjuster reset

Front Quarter glass adjuster Item 1

Measurement between bottom of mounting washer and division bar frame, is 12.5mm.

To reset this adjuster without removing the quarter glass, loosen the lock nut, screw the adjuster all the way in clockwise until it bottoms out on the frame, then unscrew anti clockwise 4 complete turns then set height and profile to ELSA specification before moving on to the next step.



Image for reference, glass does not require removal from vehicle

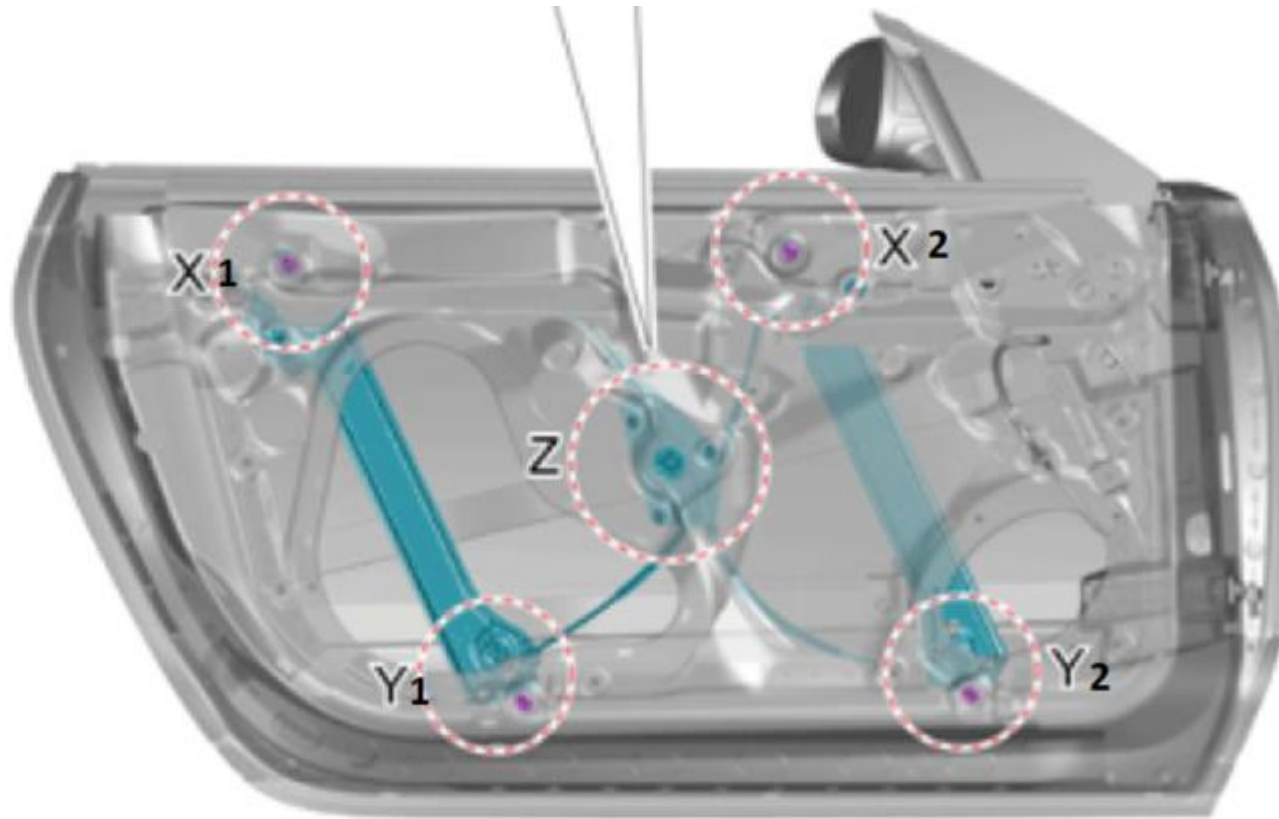


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- Front door regulator adjuster reset



Regulator adjusters X1 X2

Measure from top of mounting washer to frame

X1 = 4mm

X2 = 4.5mm

Regulator adjusters Y1 Y2

Measure from top of mounting washer to frame

Y1 = 14mm

Y2 = 10mm

Reset all 4 adjusters as described in the following slides, then continue to reinstall and set front drop glass to ELSA specifications before moving on to the next step.



Regulator adjusters Y1 Y2

Measurement from top
of mounting washer to
frame

Y1 = 14mm, To reset
this adjuster without
removing the front
regulator, fully screw in
clockwise until hard
stop, then unscrew 12
turns anticlockwise

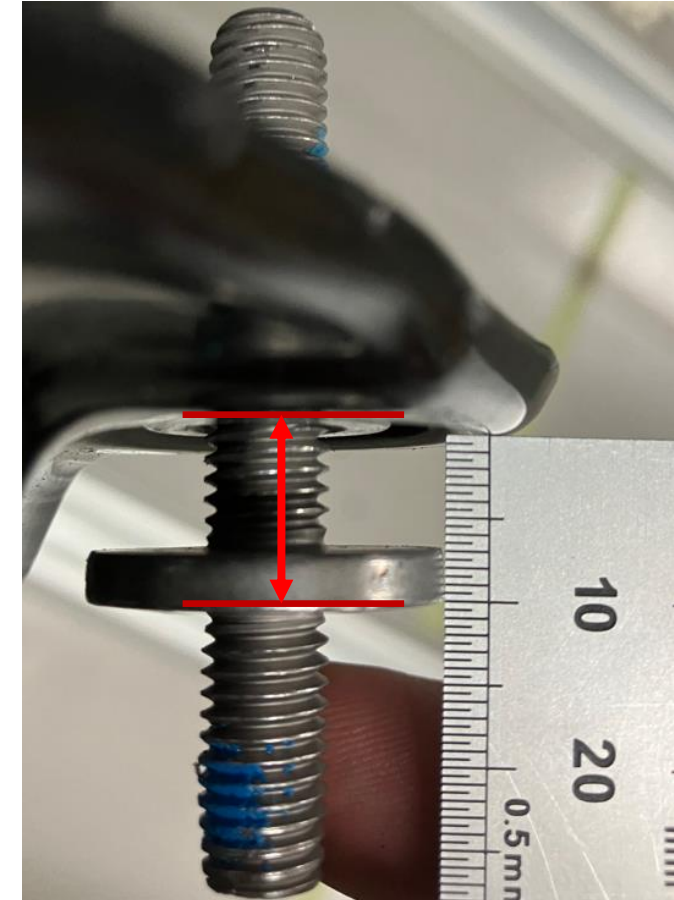
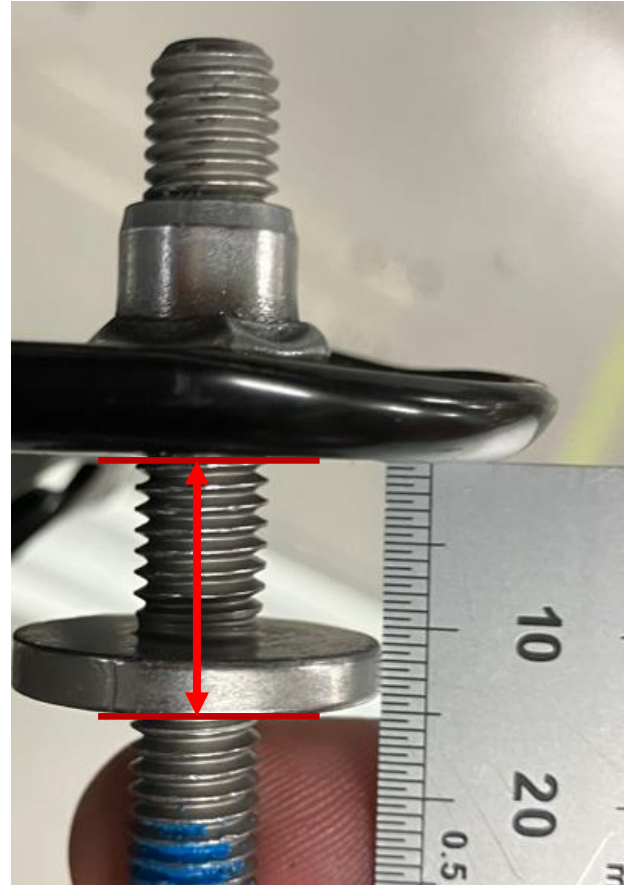
Y2 = 10mm, To reset
this adjuster without
removing the quarter
glass fully screw in
clockwise until hard
stop, then unscrew 8.5
turns anticlockwise

- Front door regulator adjuster reset

Y1

Images for reference, regulator does
not require removal from vehicle

Y2





Regulator adjusters X1 X2

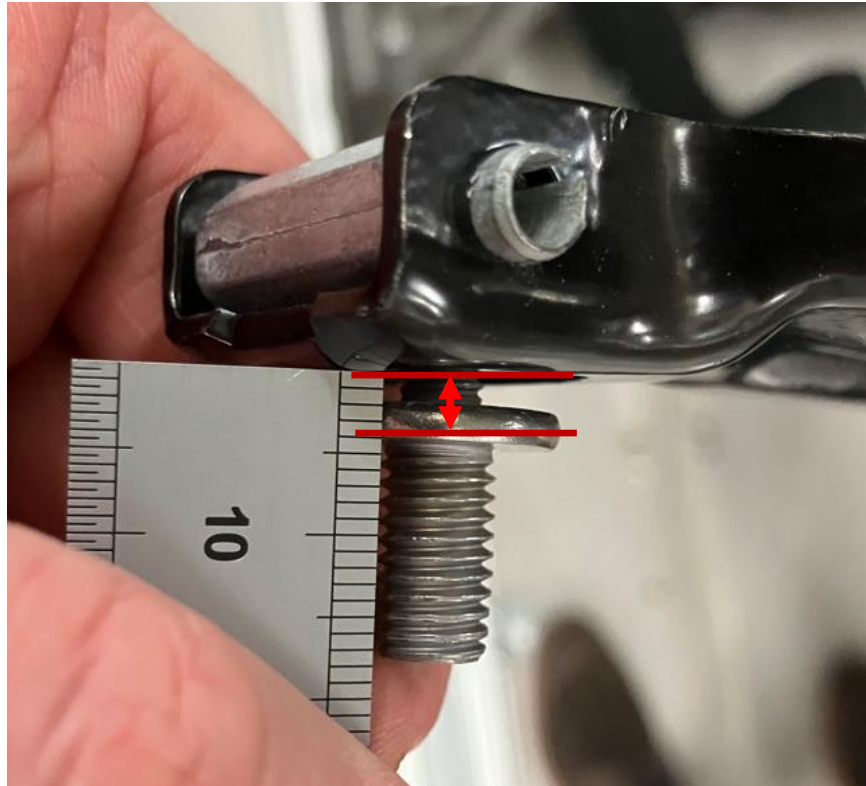
Measure from top of
mounting washer to
frame

X1 = 4mm, To reset
this adjuster without
removing the
regulator fully screw
in clockwise until
hard stop, then
unscrew 4 turns
anticlockwise

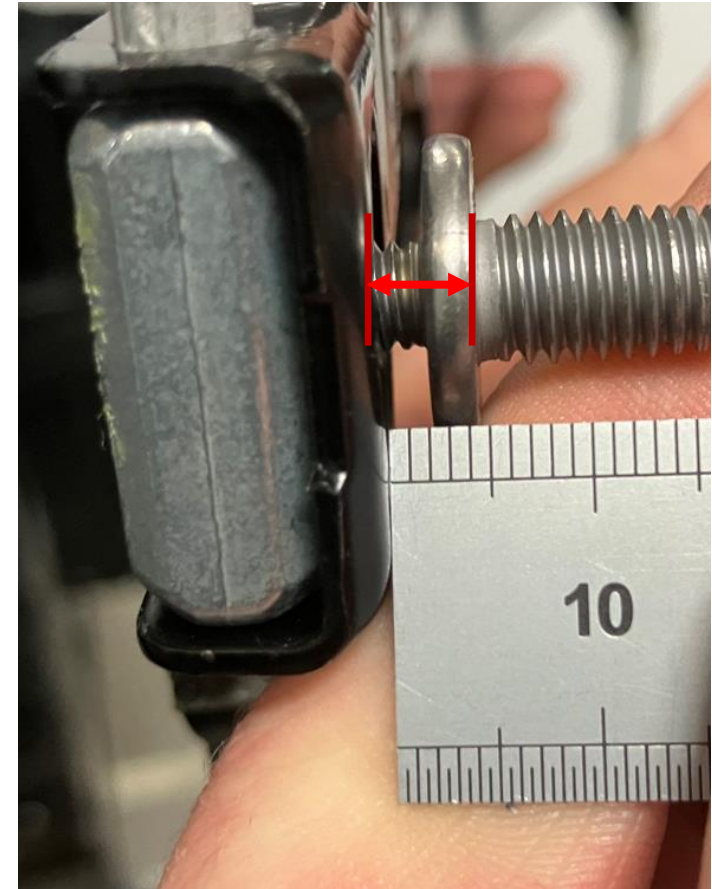
X2 = 4.5mm, To
reset this adjuster
without removing
the regulator
fully screw in
clockwise until hard
stop, then unscrew
4 turns
anticlockwise

X1

Images for reference, regulator does
not require removal from vehicle



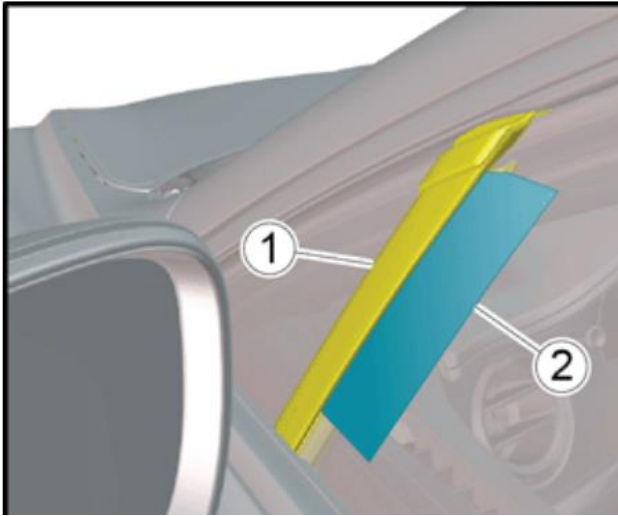
X2



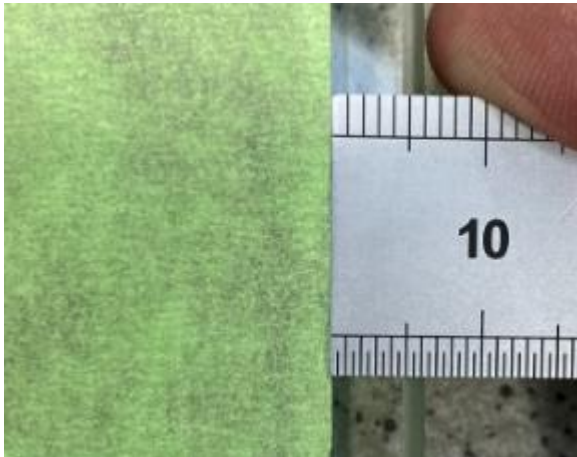
- Front door regulator adjuster reset

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- **Measuring front glass intrusion into front division bar**



When reinstalling front drop glass ensure tape is applied at 10mm from front edge and align this with the previously set quarter glass division bar.



Example of incorrect fitment:
10mm intrusion into division bar seal not achieved. Only 6mm seen, front and rear side glasses will be too far rearwards, potentially clash condition between rear of rear glass and cant rail/roof seals

- Z Axis height adjustment on front drop glass

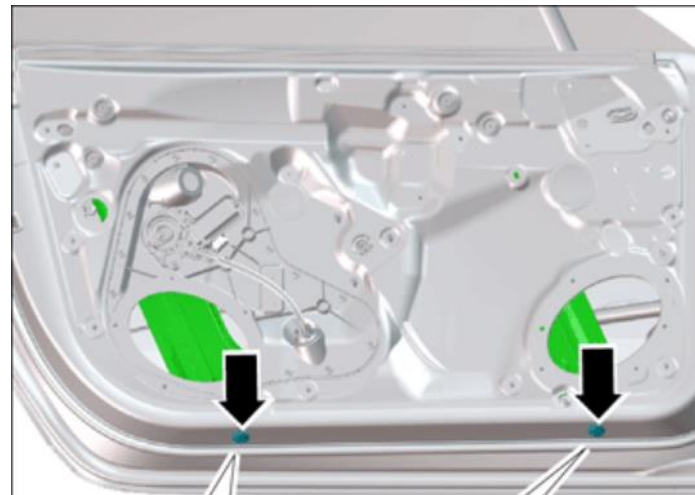
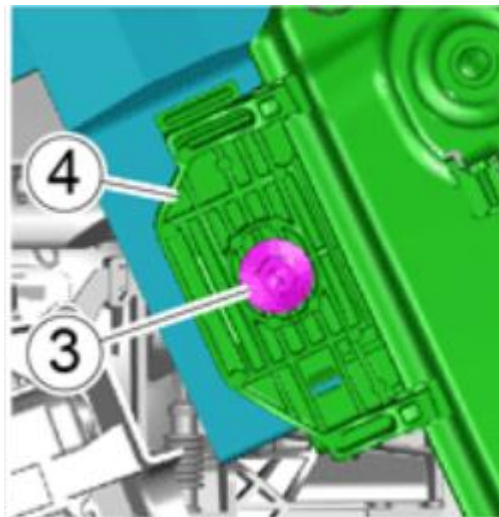


Z-Axis height should only be adjusted by the 4mm Allen key adjusters as per ELSAPRO

Example: Front drop glass Z axis not adjusted correctly. Bottom of tape was level with waist rail seal, after slackening pinch bolt (3 in bottom left image) front drop glass lowered 14mm to where pen marked line is.

Z-axis adjusters (bottom middle and right images) had not been used, pinch bolt had been slacked and glass lifted out of the regulator to achieve specification. This has a knock on effect of altering the 10mm division bar intrusion seen in previous slide as glass is loose and can be accidentally moved in X-axis.

This also creates a risk that the window will bottom out on the cant rail seals rather than the regulator bump stops meaning that the glass can raise further as the seals soften over time and affect end stop learning.



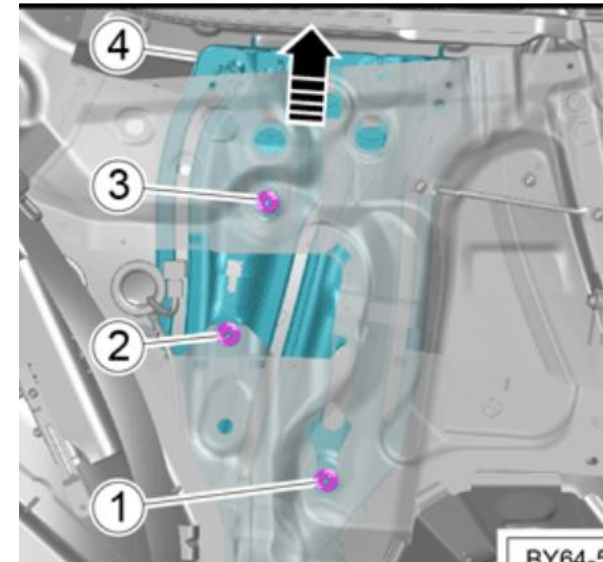


Rear Regulator adjusters 1, 2, 3

Adjust the rear window regulator adjusters at the following points as shown in the following page

Before resetting adjusters remove the 3 13mm lock nuts (1-3 in image) to allow adjusters to be fully screwed in without damaging the regulator, Also ensure black closing panel (see page 12) is not stopping the regulator from moving when performing these adjustments.

- Rear quarter regulator adjuster reset





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Adjuster 1

fully screw in clockwise until hard stop, then unscrew 9.5 turns anticlockwise to achieve 12mm gap as seen below



Adjuster 2

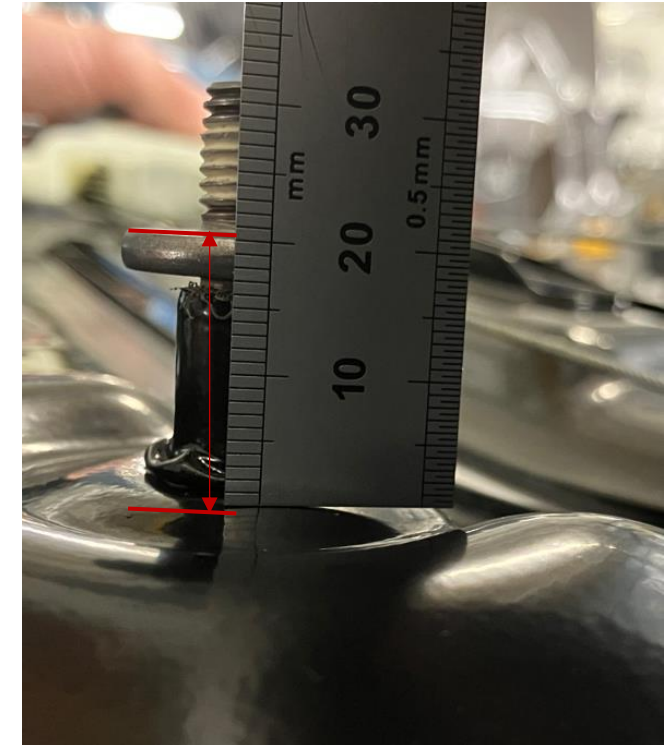
fully screw in clockwise until hard stop, then unscrew 9.5 turns anticlockwise to achieve 12mm gap as seen below



- Rear quarter regulator adjuster reset

Adjuster 3

fully screw in clockwise until hard stop, then unscrew 1 turn anticlockwise to achieve 20mm gap as seen below



Images for reference, regulator does not require removal from vehicle

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- Rear quarter regulator adjuster reset

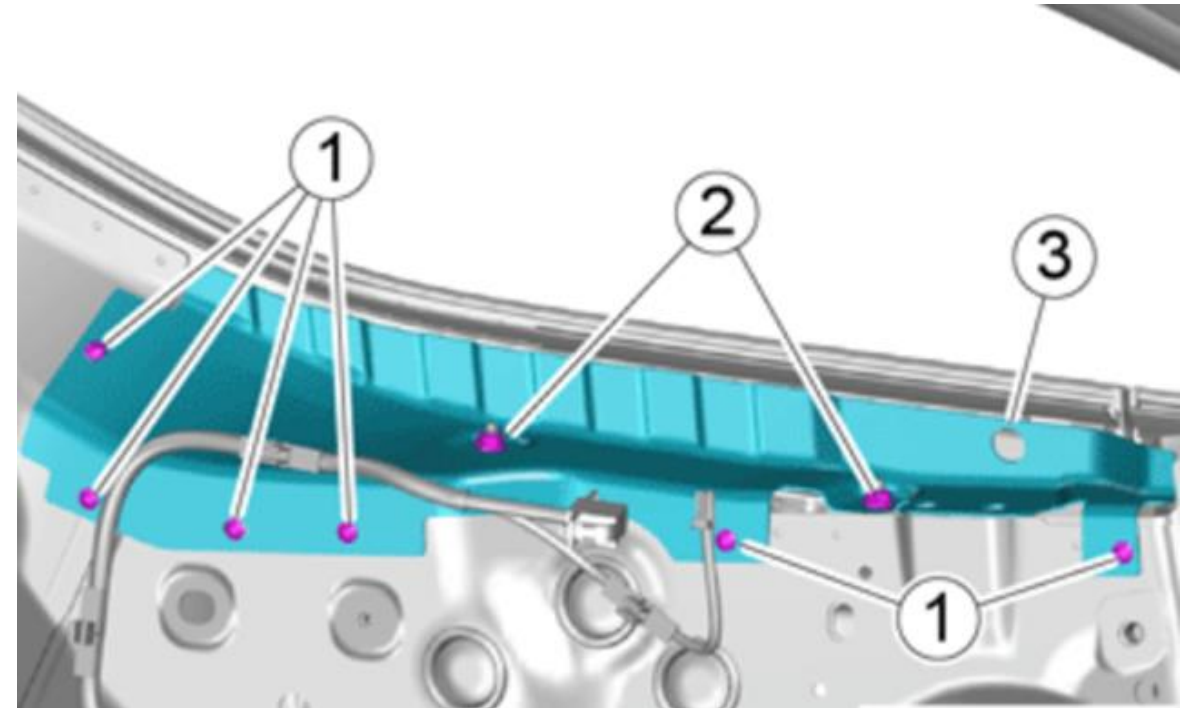
After resetting all 3 adjusters leave the locking nuts loose to allow vertical movement.

Ensure closing panel (item 3) is installed and 10mm nuts (item 2) are tightened to set regulator height before tightening adjuster locking nuts (item 1-3 in image on page 10). Ensure regulator is bottoming out on bump stops when measuring/setting glass height in Z-axis

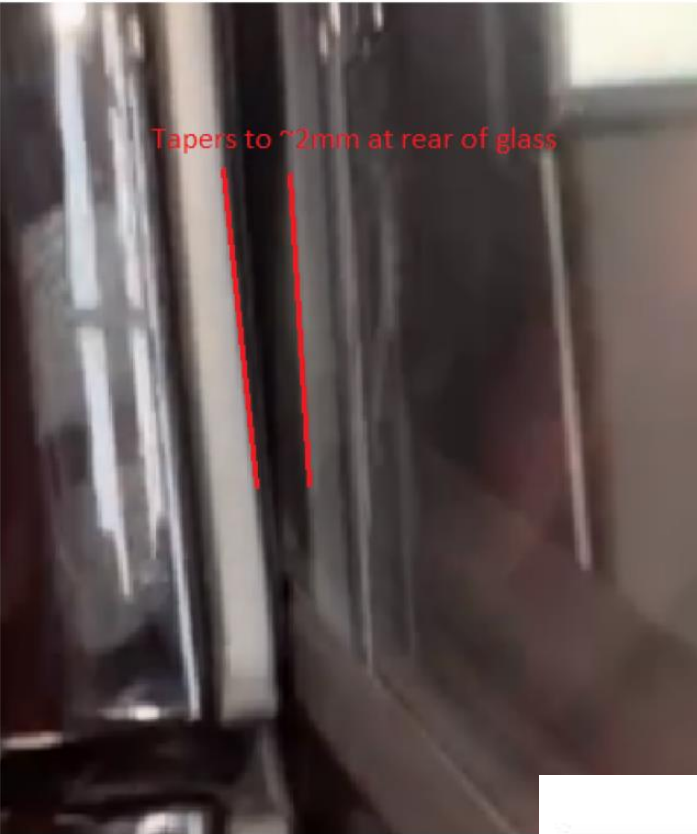
Proceed with adjusting rear quarter glass into ELSA specification

IMPORTANT

10mm nuts (item 2) must be loosened when adjusting the 3 regulator adjusters to allow the regulator to move. Retighten and check measurements after each adjustment is made

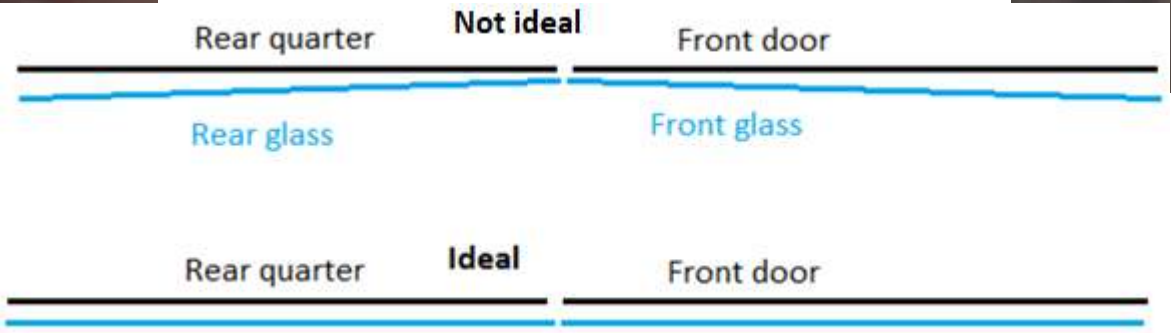
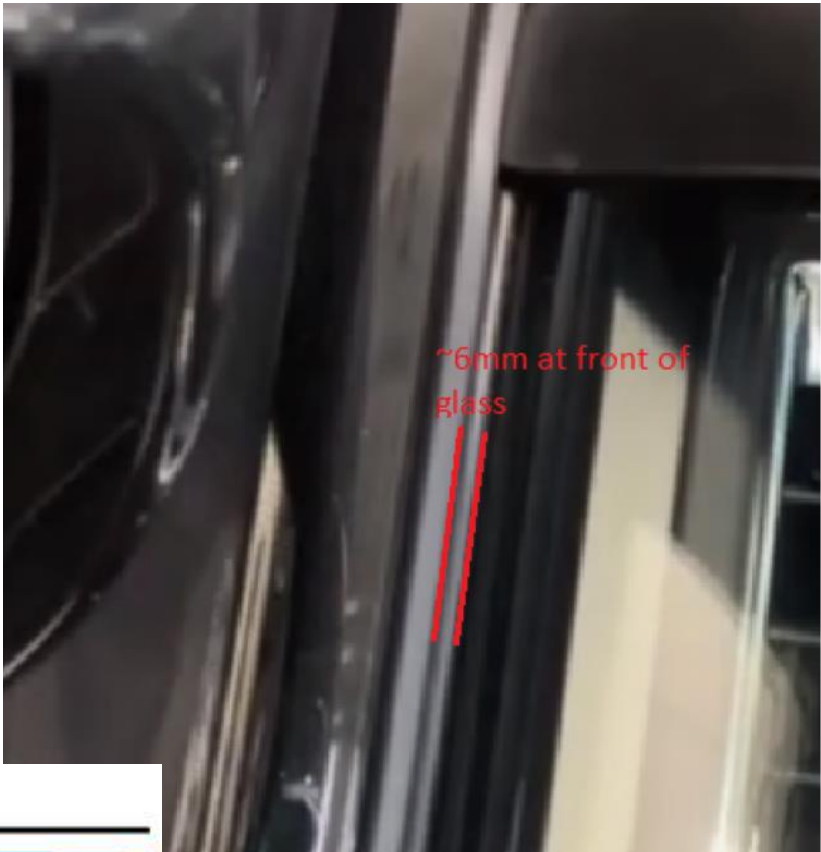


- **Waistrail measurement checking/resetting**

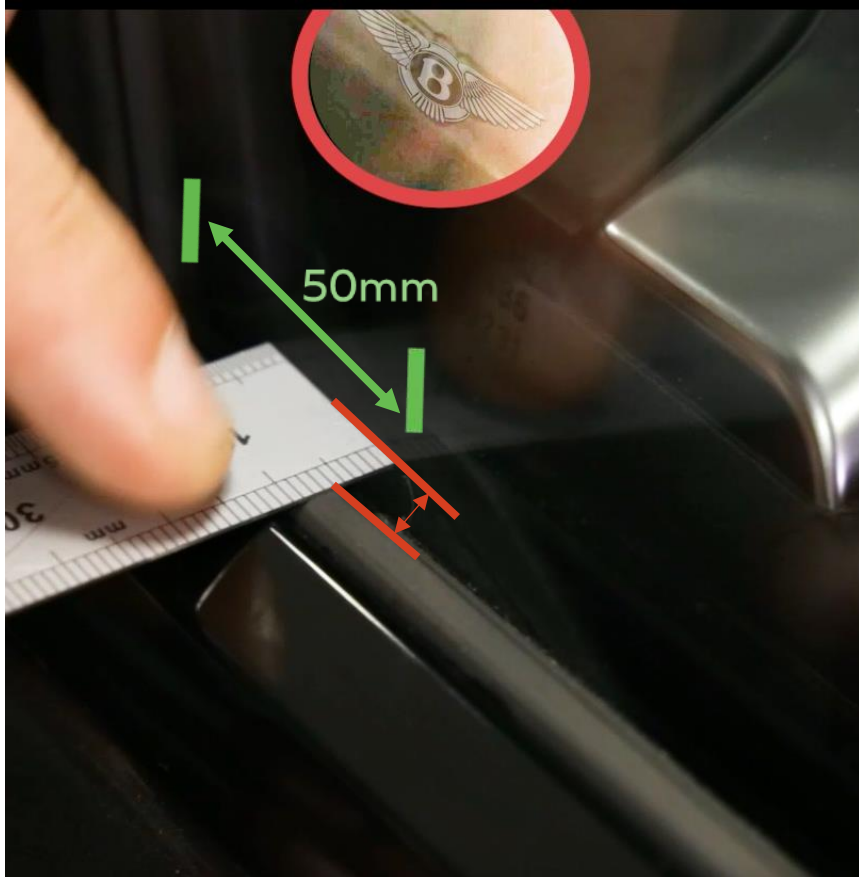


Images show a poor setting.
Circa 6mm at front edge (near wing mirror)
closing up to 2mm at the rear edge.

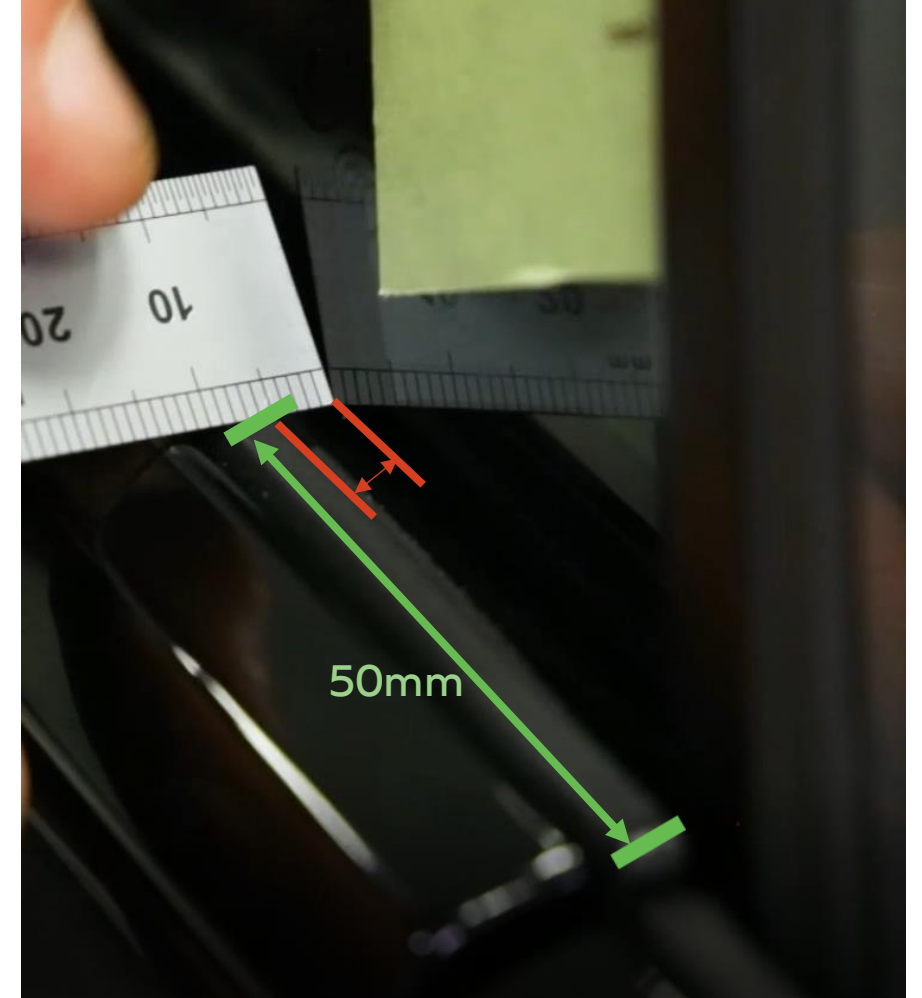
2mm at rear edge would have been set to achieve specified flush/2mm underflush profile condition between front and rear glasses, the rear quarter glass mirrors this taper condition. This potentially increases the risk of false anti trap as rear window/seal does not engage with front window at the correct angle. Suggested to set to specification on problem vehicles as per next slide. If both windows are set between 4-6mm then the flush/2mm underflush profile can be easily achieved.



- **Wastrail measurement checking/resetting**



Set waist rail gapping to between 4-6mm as mentioned in Glass setting guide videos on E-Academy and also check for parallelism along front and rear windows to door/quarter. 50mm from edge of Waistrail seal, roughly underneath the Bentley wings.



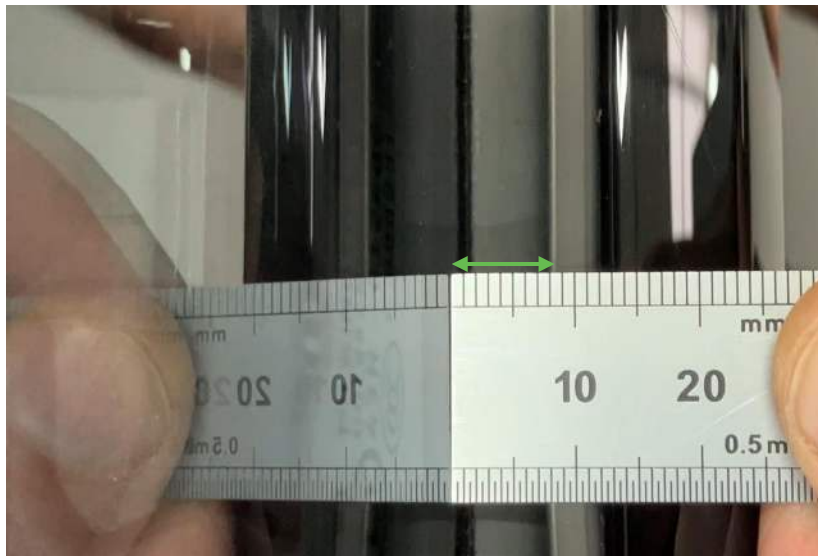
- **Waistrail measurement checking/resetting**

When setting front to rear window profile and waist rail measurements ensure that the front window does not move outboard excessively when the rear window closes as this will increase current draw on the rear motor during the period where it is monitoring for it's end stop, excess current draw in this zone can cause a false anti-trap scenario.

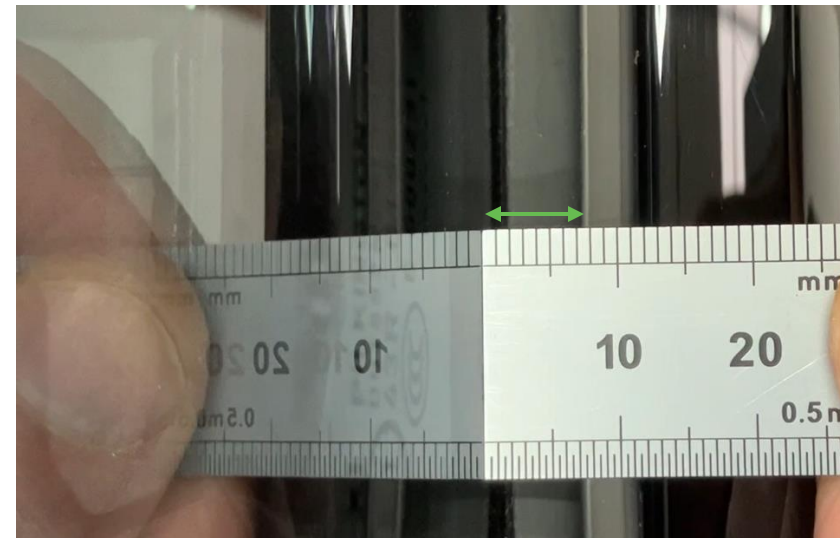
There does need to be some tension between the front and rear glass to seal against the drop glass seal, zero mm of movement is best.

If more tension is required to resolve a wind noise or water ingress then aim for no more than 0.25mm of outboard movement.

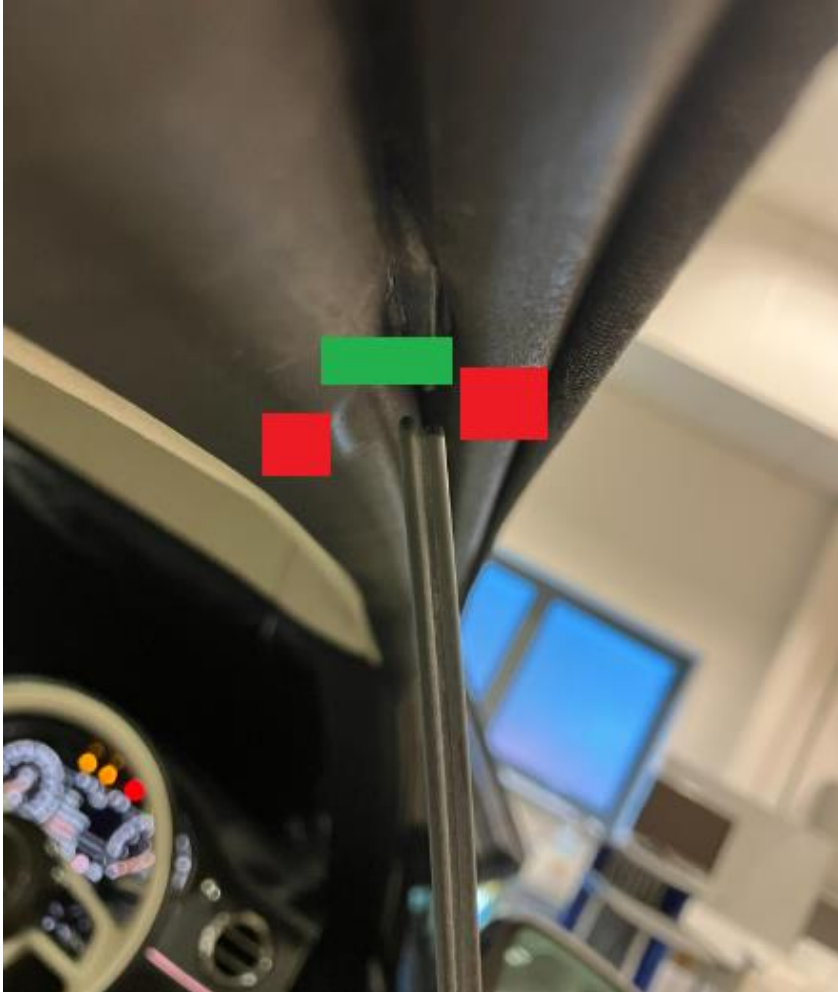
RHF window, front window closed, rear window open. Note gap



RHF window, front window closed, rear window closed. Note gap, over 0.25mm outboard movement, this is incorrect



Window entry into cant rail/convertible roof seal



Windows should enter cant rail seal smoothly, making contact with inboard edge first and then be pushed outboard (green square).

Too far inboard increases the risk of the cant rail seal pinching, too far outboard will clash with cant rail brightware (red squares) For front door, poor door profile is a major contributing factor here and should be checked/adjusted if window found to be entering seal incorrectly

Front window examples
showing correct operation

Final checks

After all adjustments have been made and recorded in tables from ELSA workshop manual section “**Side glass - To check**”. Door ECU basic settings must be relearnt. Ensure battery is fully charged and passes battery test in ODIS.

Test window operation in all scenarios, e.g. global open/close, individual window switches, driver door switches, convenience open/close (where applicable), short drop functions when opening/closing doors and with convertible roof open/closed if working on a New GTC.

Finally, ensure vehicle still passes water ingress test and does not have excessive wind noise, any further adjustments must remain within ELSA specifications.