

Technical Service Bulletin

Topic	New Continental GT and New Continental GTC - Window drop glass operation
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2075821/1
Level	EH
Status	Released for publishing
Release date	Feb 24, 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

New Continental GT and 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

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).

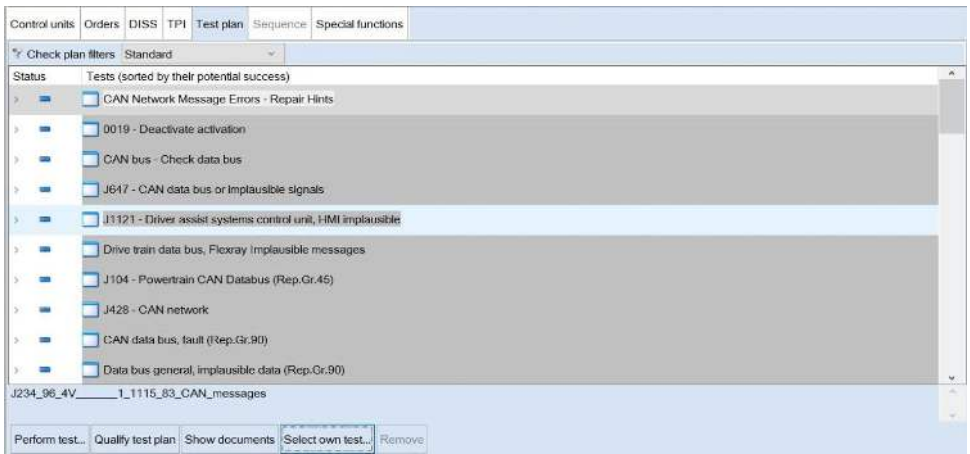


Figure 1

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

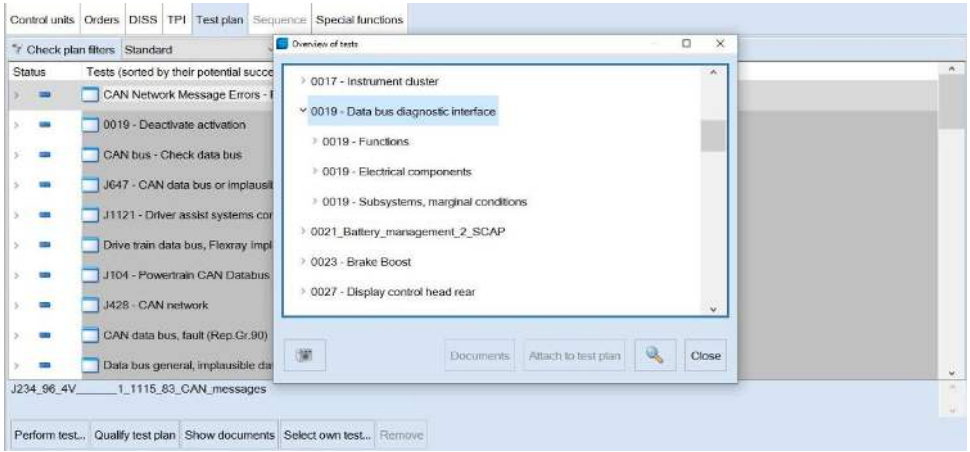


Figure 2

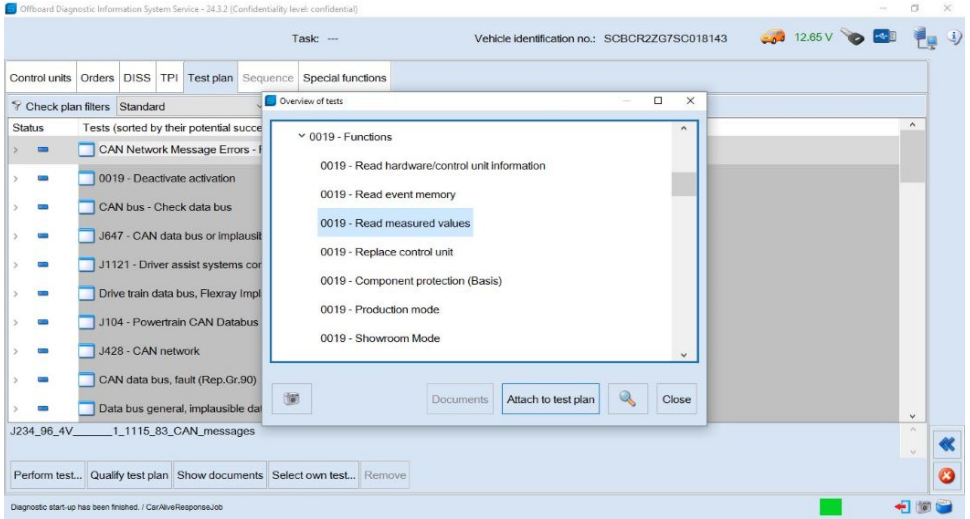


Figure 3

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)

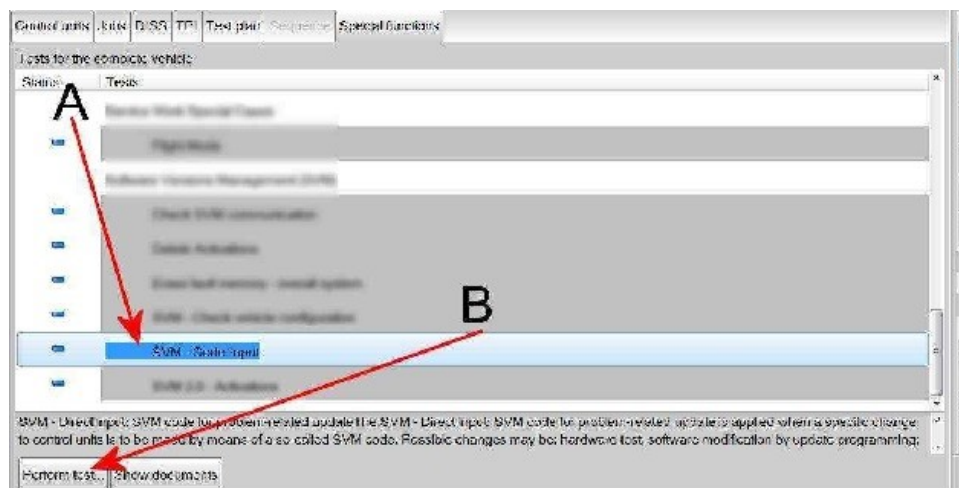


Figure 6

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

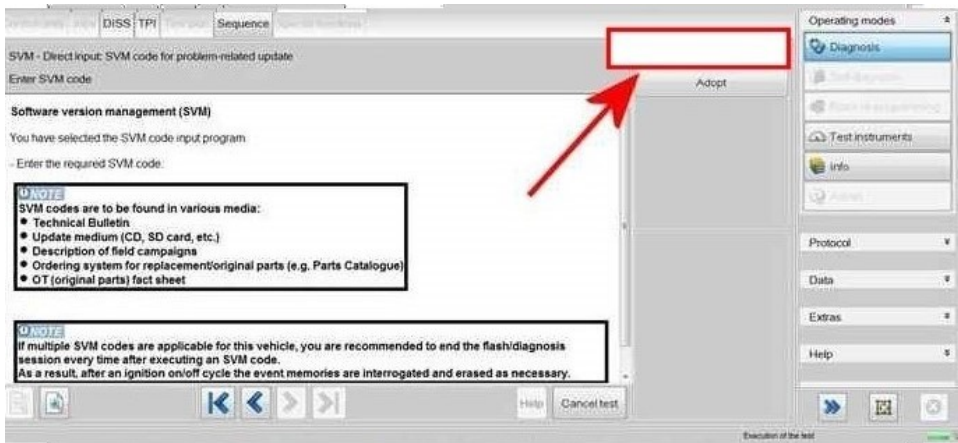


Figure 7

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 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)

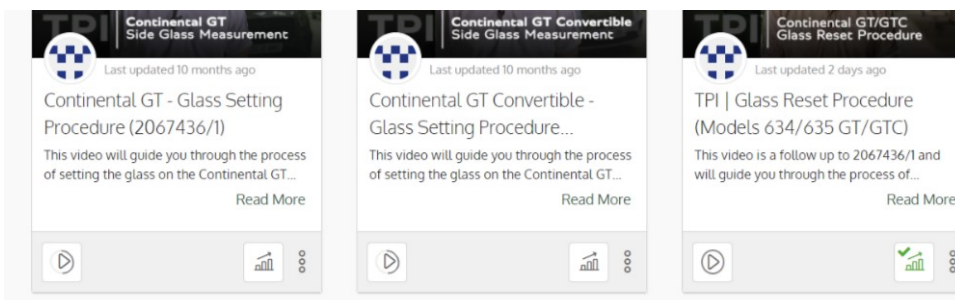


Figure 10

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

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

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

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 for Campaign ED18					
Interlock (Z-Axis)	Vehicle Position	Dimension -X-	Before SVM	After SVM	After adjustment (if required)
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 SVM	After SVM	After adjustment (if required)
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 SVM	After SVM	After adjustment (if required)
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 SVM	After SVM	After adjustment (if required)
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 for Campaign ED18					
Interlock (Z-Axis)	Vehicle Position	Dimension -X-	Before SVM	After SVM	After adjustment (if required)
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 SVM	After SVM	After adjustment (if required)
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 SVM	After SVM	After adjustment (if required)
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 SVM	After SVM	After adjustment (if required)
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 SVM	After SVM	After adjustment (if required)
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 SVM	After SVM	After adjustment (if required)
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			