Field campaign

Topic	Software Update | Window Short Drop Deletion | Continental GT/GTC | 26MY (SC25 /31)
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2078277/22
Campaign number	ED59
Note	
Type	
US code	

Vehicle data

26MY Continental GT / GTC

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
Z23*	2026	E		*	*	*
Z24*	2026	E		*	*	*

Documents

Document name
master.xml
gt_glass_set_measurement_sheet.pdf
gtc_glass_set_measurement_sheet.pdf
v22sc2531vinlist.pdf

ED59

Transaction No.: 2078277 /22

Software Update | Window Short Drop Deletion | Continental GT/GTC | 26MY (SC25/31)

Notes

Repair instructions

Technical background

CAUTION

Please refer to all of the instructions within the Work section. The instructions MUST be followed in the exact order as detailed

Remedy

All instructions within the Work section must be conducted as detailed

Software update is available for the left and right hand rear door control modules - Diagnostic address 00BB Driver side and 00BC Passenger side

The software eliminates the rear window short drop function

Customer notification

Please ensure the software instructions within the Service campaign must be conducted at the nearest opportunity

Warranty

Warranty type	710 or 790
Damage service number	ED59
Damage code	00 66
Criterion ID	01

Time to conduct the Software Version Management (SVM) update - Rear door control modules

Labour operation code	01 51 00 00
Time	As per ODIS log Must not exceed 50 TU

Time to conduct initial measurement checks Profile (Y-Axis) and Interlock (X-Axis)

Labour operation code	64 38 02 99
Time	15 TU

CAUTION

The labour codes below must only be claimed if the Profile (Y-Axis) and Interlock (X-Axis) were out of specification (before and / or after the software update was conducted)

Time to conduct the front glass adjustment procedure

Labour operation code	64 40 15 00
Time	140 TU (per side)

Time to conduct the rear glass adjustment procedure

Labour operation code	64 75 15 00
Time	170 TU (per side)

Water leak test

Labour operation code	64 38 01 99 (Use this code when conducting the water leak test)
Time	20 TU

Additional Time Allowance

A 100TU allowance may be claimed only if a SVM update fails to complete successfully. This is intended to cover additional diagnostic or recovery work directly resulting from the failed update. It must not be used for unrelated delays or issues.

ODIS logs must be attached to a DISS ticket for evidence of failure. Claims without valid documentation will be rejected. Warranty Adjudicators will review associated ODIS logs and DISS queries to determine actual software update time.

Parts

Not applicable

Parts supply

NOTICE

Should one or both of the measurements not be within specification the operative must refer to Rep.Gr 64 - Rear door drop glass - To adjust and conduct the front and rear glass adjustment procedure for the affected side left and / or right hand side to completion (all steps)

NOTICE

Adjustment of all side glass requires the interior trim to be removed. Refer to ''Rear quarter trim – To remove and fit''. Rep. Gr. 70

To carry out the ''Rear quarter trim – To remove and fit''. Rep. Gr. 70 procedure, the following one-time-use parts must be replaced during the reinstallation:

N 989 244 01 x4 (Front seat belt slider bar fixing x2 each side)

N 989 244 01 x2 (Rear seat belt fixing x1 each side)

Refer to ETKA parts catalogue

Parts despatch control

Not applicable

Repair instructions

Notes

Technical background

CAUTION

Please refer to all of the instructions within the Work section. The instructions MUST be followed in the exact order as detailed

Check

If the vehicle is not already listed as repaired in “Repair history" (in Elsa pro), check for the presence of the blue paint completion mark as shown within the Identification section

If neither are evident please conduct the instructions within the Work section to completion.

Parts

Not applicable

Work

CAUTION

Ensure the vehicle is connected to a suitable 12V Lithium Ion battery charger before conducting any work

Section 1 – Initial Glass Set Measurements

NOTICE

Conduct initial glass set measurements and record the results in the model specific measurement document attached (see documents section). After completing the initial measurements, DO NOT make any adjustments until after the software update has been completed

CAUTION

When completing the initial glass set measurements strictly adhere to the instructions in section 2

When completing measurements on Continental GTC models, complete a set of measurements with both the roof up and the roof down, as per the attached glass set measurement sheet

Section 2 – Glass Set Measurement Instructions

CAUTION

When completing the glass set measurement procedure, strictly adhere to the instructions below

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 1)

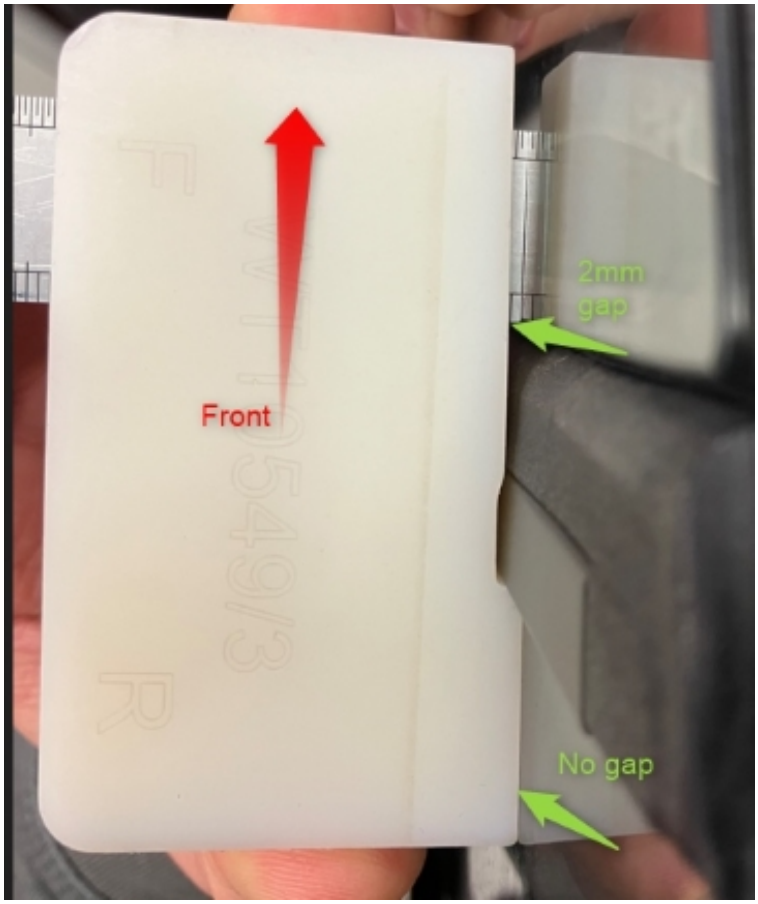

Figure 1

When the rear window is 0mm inboard from the front glass and the windows are parallel, the measurement written as 0mm (figure 2)

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 2

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 3), the recorded measurement should be -2mm (figure 4)

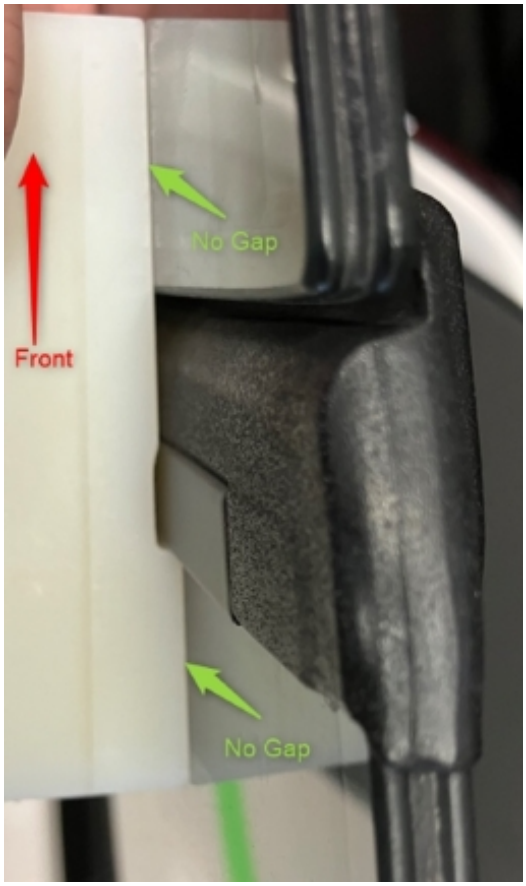

Figure 3

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 4

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 5), the recorded measurement should be -3.5mm (figure 6).

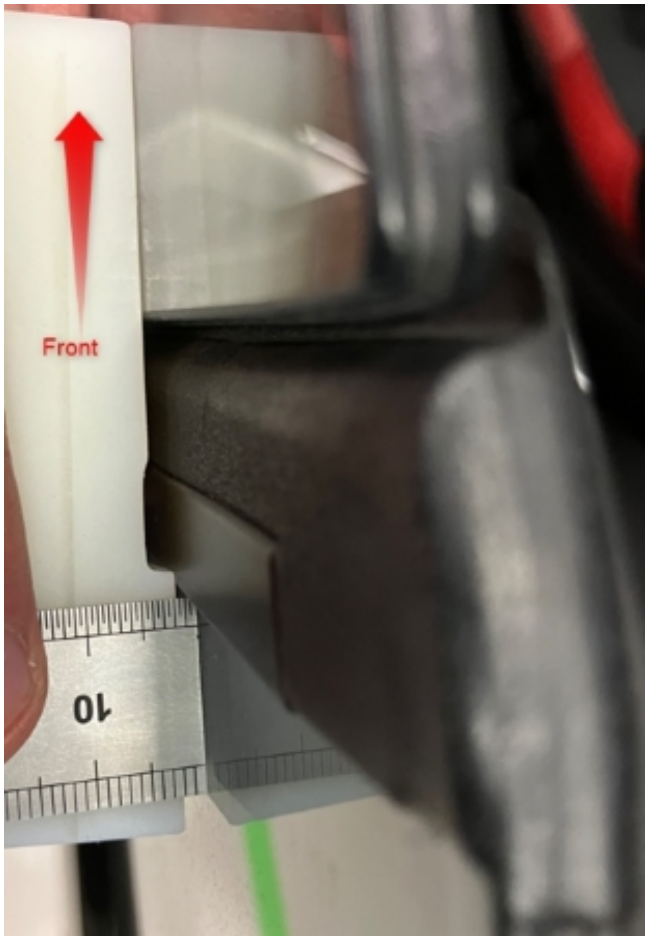

Figure 5

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 6

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 7)

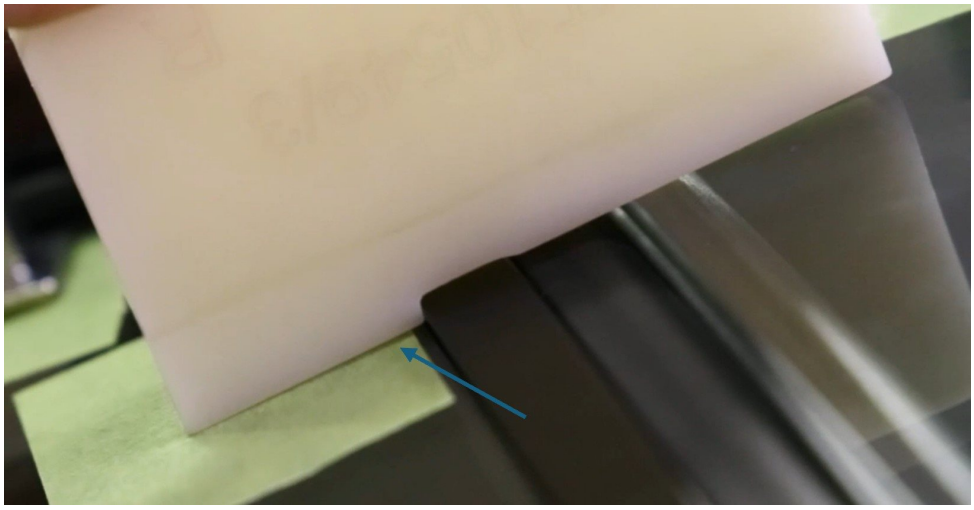

Figure 7

eAcademy Videos

Further explanation can be found in the videos shown in Figure 8, which can be found on eAcademy Digital Learning Hub.

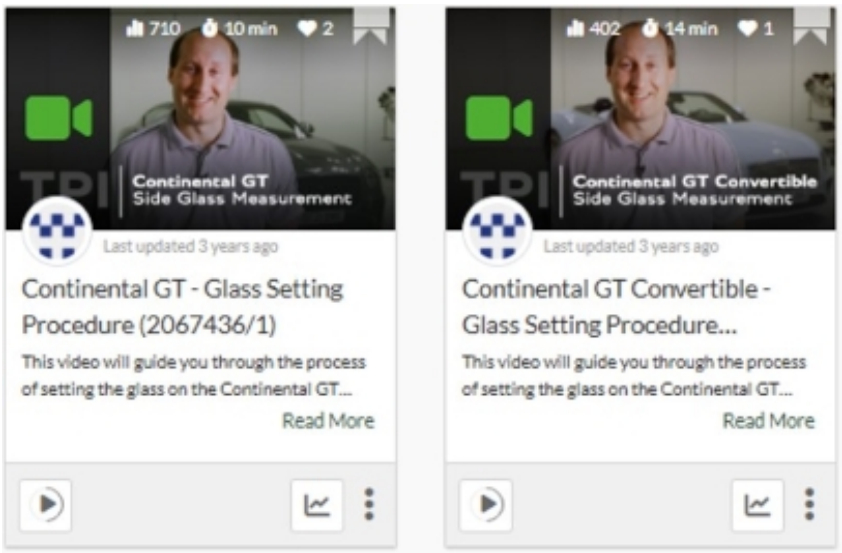

Figure 8

Section 3 - Software update to the rear door control modules 00BB and 00BC - Short drop function elimination

CAUTION

ONLY Chargers that meet the approved specification on the Mandatory Equipment List (available on the Bentley Hub) MUST be used.

- **The charger must be set to a mode where a MINIMUM of 90a is supplied to the battery during the process. Typically, this is known as 'Power Supply Mode' or 'DIAG+ Mode'.**
- **A voltage of exactly 14.8v must be set and maintained throughout the process.**
- **Please refer to the manual to ensure that these requirements are met before beginning any SVM update**

The following software update eliminates the rear window short drop function

1) Preparation before update

- Conduct a full guided fault find of the vehicle.

If a 'Check installation list' pop-up appears, select 'close' (Figure 9)

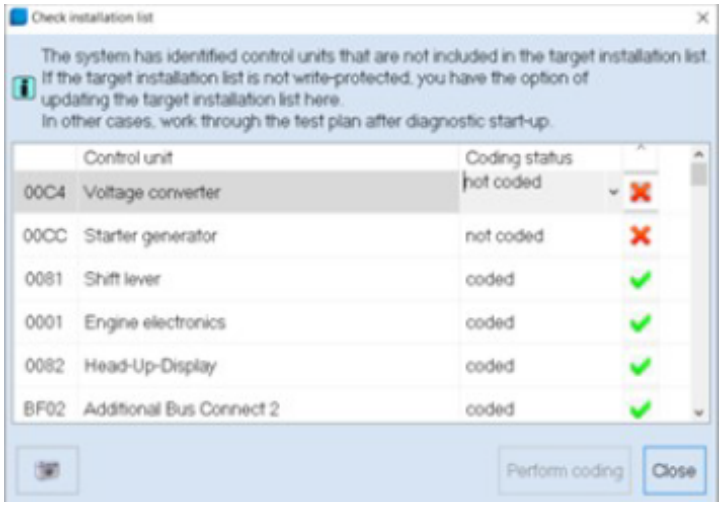

Figure 9

Referring to TPI 2075920, address any unknown faults **BEFORE** conducting any of the below updates.

2) Referring to Figure 10 - Within the Special functions tab - Select SVM - Code Input (Point A)

• Select Perform test (Point B)

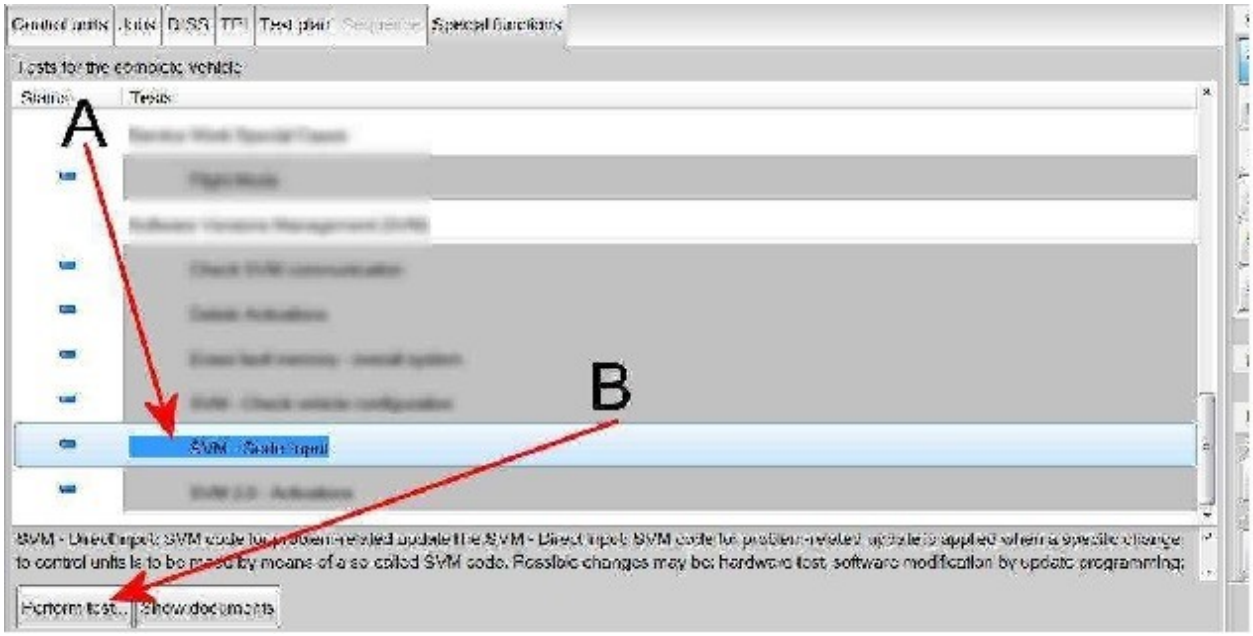

Figure 10

3) Referring to Figure 11 - Enter the SVM code **372WDD02**

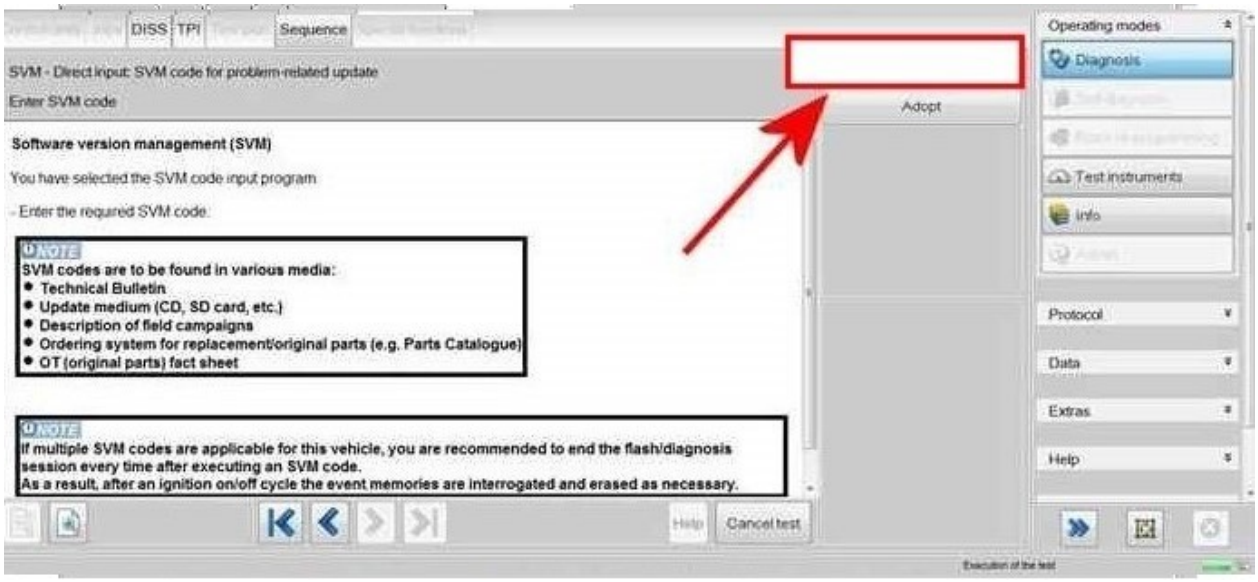

Figure 11

4) 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 refer to TPI 2078962

5) On completion open the doors and ensure that the rear windows no longer drop.

6) 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

7) Once the software update has been conducted continue with the remaining instructions

Hint: The remaining instructions MUST be conducted regardless if adjustments were conducted or not

8) Referring to Rep.Gr 64 - Measure and record the points as detailed below on the left and right hand side Profile (Y-Axis) and Interlock (X-Axis).

CAUTION

Strictly adhere to the instructions in section 2 when completing the glass set measurements after the

software update has been completed.

Note: Should the measurements for the left and right hand side be within specification please go to step 11 and follow all remaining steps until completion

Or

NOTICE

Should one or both of the measurements not be within specification the operative must refer to Rep.Gr 64 - Rear door drop glass - To adjust and conduct the front and rear glass adjustment procedure for the affected side left and / or right hand side to completion (all steps) and record a final measurement in the attached document

CAUTION

All measurements must be recorded in the attached measurement documentation and saved as they will be required to be attached to a non-technical DISS query at the end of the procedure

FAILURE TO ATTACH THE MEASUREMENTS TO THE DISS WILL RESULT IN NON PAYMENT OF THE WARRANTY CLAIM

Note: Once the adjustment has been conducted please go to step 10 and follow all remaining steps until completion

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

CAUTION

When conducting step 11 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. Ensure all windows, sunroof and convertible roof (where applicable) are fully closed before conducting step 11

10) Conduct a water leak check to ensure that water is not leaking into the vehicles interior - Water leaks must be resolved before handing over the vehicle to the customer

11) Conduct the PDI road test to check for any wind noise related issues

NOTICE

Should the vehicle fail the water leak check or a wind noise check, please raise a full technical DISS query

12) Upon successful completion of the PDI road test, raise a non-technical DISS query titled **SC25/30 X and Y Axis measurement feedback** ensuring the following is attached

- Online ODIS log
- A completed model specific measurement table

13) Referring to the Identification section - Apply a blue paint completion mark on the engine partition brace (Figure 12)

Identification

Blue paint completion mark on the engine partition brace

Figure 12

Side glass measurements GT 25/26MY					
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 ± 1 mm			
B 150 mm from division bar	Front of door drop glass	8 mm ± 1 mm			
C 50 mm from rear of door drop glass	Rear of door drop glass	8 mm ± 1 mm			
D 50 mm from rear drop glass division bar	Front of rear quarter glass	8 mm ± 1 mm			
E 50 mm from rearmost section of rear drop glass	Rear of rear quarter glass	8 mm ± 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 ± 1 mm			
5 50 mm from the waistrail seal	Rear door quarter glass strip to front door drop glass edge	11 mm ± 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 ± 1 mm			
2 150 mm from division bar	Front of door drop glass	10 mm ± 2 mm			
3 50 mm from rear of door drop glass	Rear of door drop glass	10 mm ± 2 mm			
6 50 mm from rear drop glass division bar	Front of rear quarter glass	10 mm ± 2 mm			
7 50 mm from rearmost section of rear drop glass	Rear of rear quarter glass	10 mm ± 2 mm			
8 50mm forwards of rear of front drop glass (waist rail gap)	Rear of door drop glass	5mm ± 1mm			
9 50mm rearward of front of rear drop glass (waist rail gap)	Front of rear quarter glass	5mm ± 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 25/26MY					
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 ± 1 mm			
2 100 mm from division bar	Front of door drop glass	8.5 mm ± 1 mm			
3 50 mm from rear of door drop glass	Rear of door drop glass	8.5 mm ± 1 mm			
6 50 mm from rear drop glass division bar	Front of rear quarter glass	8.5 mm ± 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 ± 1 mm			
5 50 mm from the waistrail seal	Rear door quarter glass strip to front door drop glass edge	11 mm ± 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 ± 1 mm			
5 50 mm from the waistrail seal	Rear door quarter glass strip to front door drop glass edge	11 mm ± 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 ± 1 mm			
2 100 mm from division bar	Front of door drop glass	14 mm ± 2 mm			
8 50mm forwards of rear of front drop glass (waist rail gap)	Rear of door drop glass	5mm ± 1mm			
9 50mm rearward of front of rear drop glass (waist rail gap)	Front of rear quarter glass	5mm ± 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			