

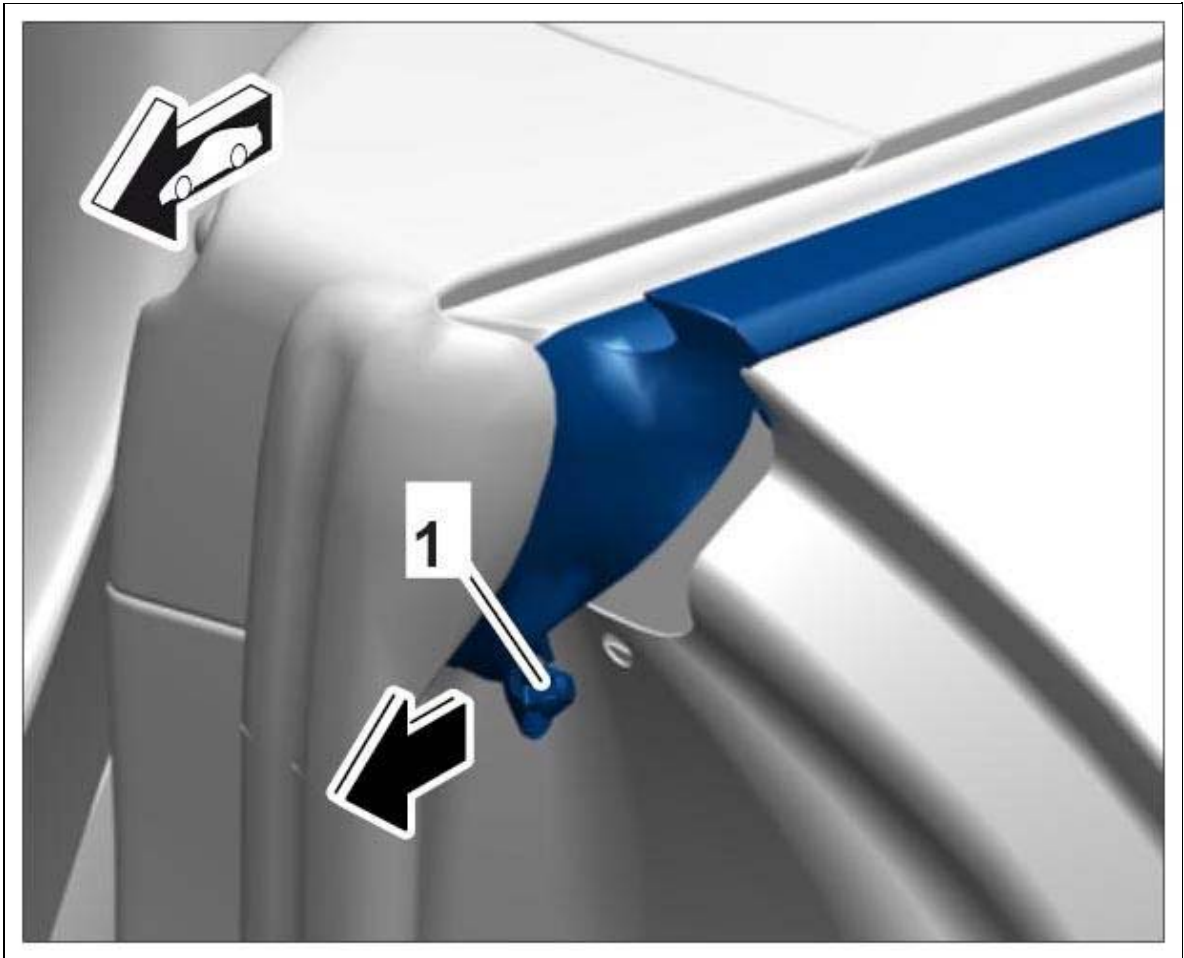
Fig 1: Identifying Rear Window Channel Seal



Courtesy of PORSCHE CARS NORTH AMERICA, INC.

1. Unclip the pin -1- from the mounting in the side panel.

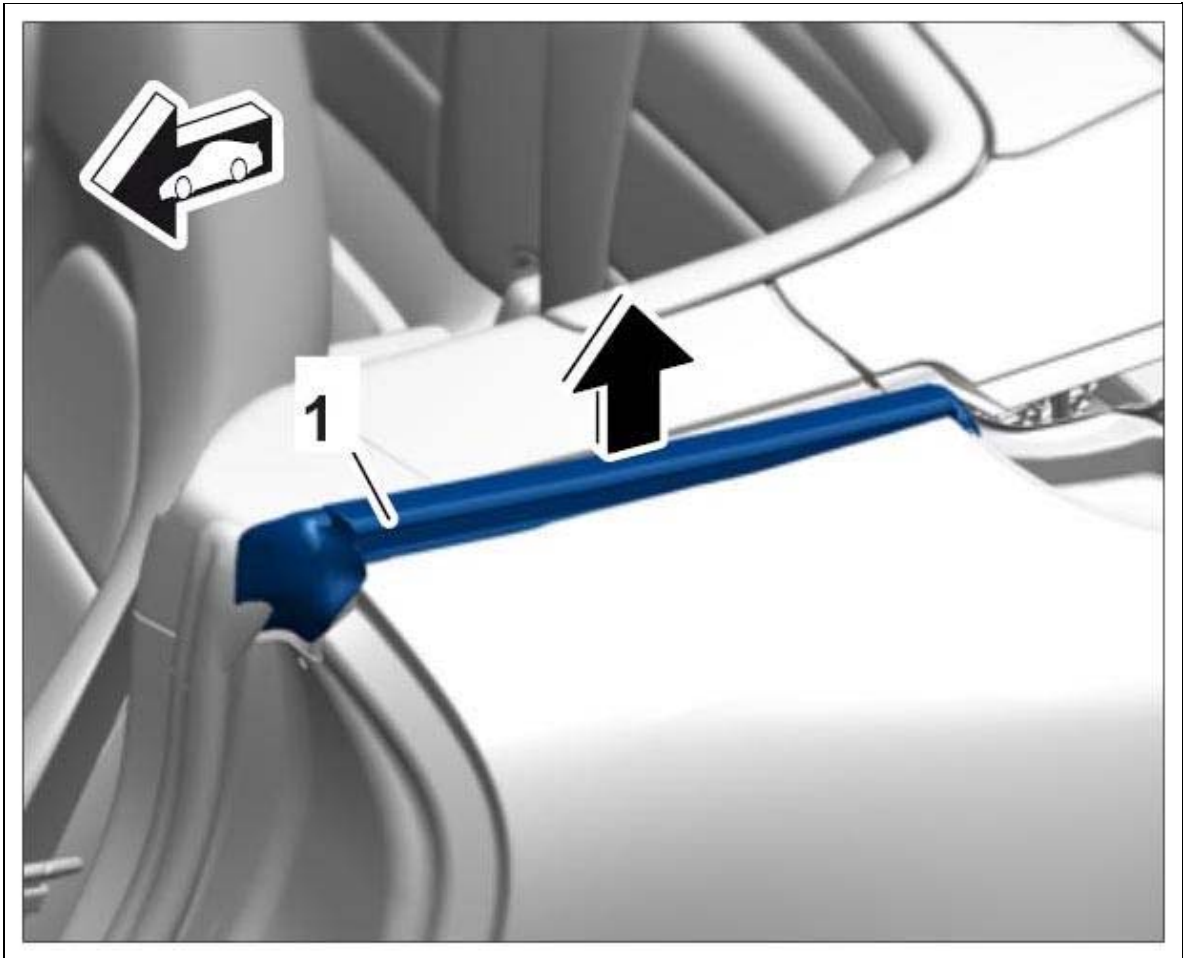
Fig 2: Removing Pin From Side Panel Mounting



Courtesy of PORSCHE CARS NORTH AMERICA, INC.

2. Pull the window channel seal -1- up out of the guide.

Fig 3: Removing Window Channel Seal



Courtesy of PORSCHE CARS NORTH AMERICA, INC.

## **WM 646819 REMOVING AND INSTALLING REAR WINDOW CHANNEL SEAL (CABRIO) > INSTALLING REAR WINDOW CHANNEL SEAL**

### **Information**

- Before replacing seal, check the existing seal for signs of damage (tears, crushed areas, etc.). If there are signs of damage, the seal must be replaced.
- The seal is pressed onto the flange without any additional sealant.

### **Information**

- Check that the seal is seated exactly at the correct position.
- Check gap and joint dimensions.
  1. Installation is performed in reverse order to removal.
  2. Engage the pin securely in the mounting.

## **WM 646919 REMOVING AND INSTALLING INNER REAR WINDOW CHANNEL SEAL (CABRIO) > REMOVING AND INSTALLING INNER REAR WINDOW CHANNEL SEAL >**

## REMOVING INNER REAR WINDOW CHANNEL SEAL

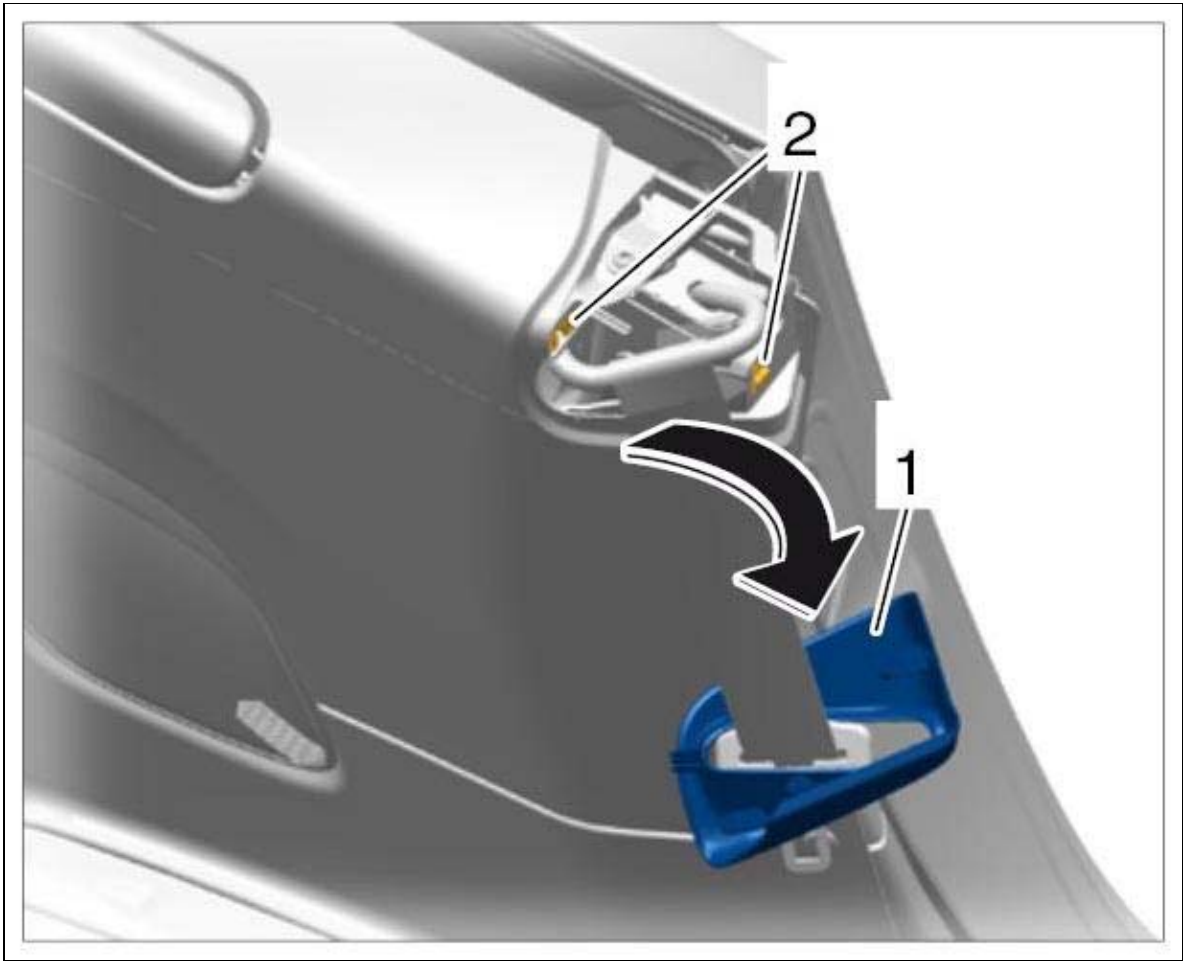
Fig 1: Identifying Inner Window Channel Seal



Courtesy of PORSCHE CARS NORTH AMERICA, INC.

1. Unclip seat belt cover **-1-** by pulling it forward out of the guide clips **-2-** .

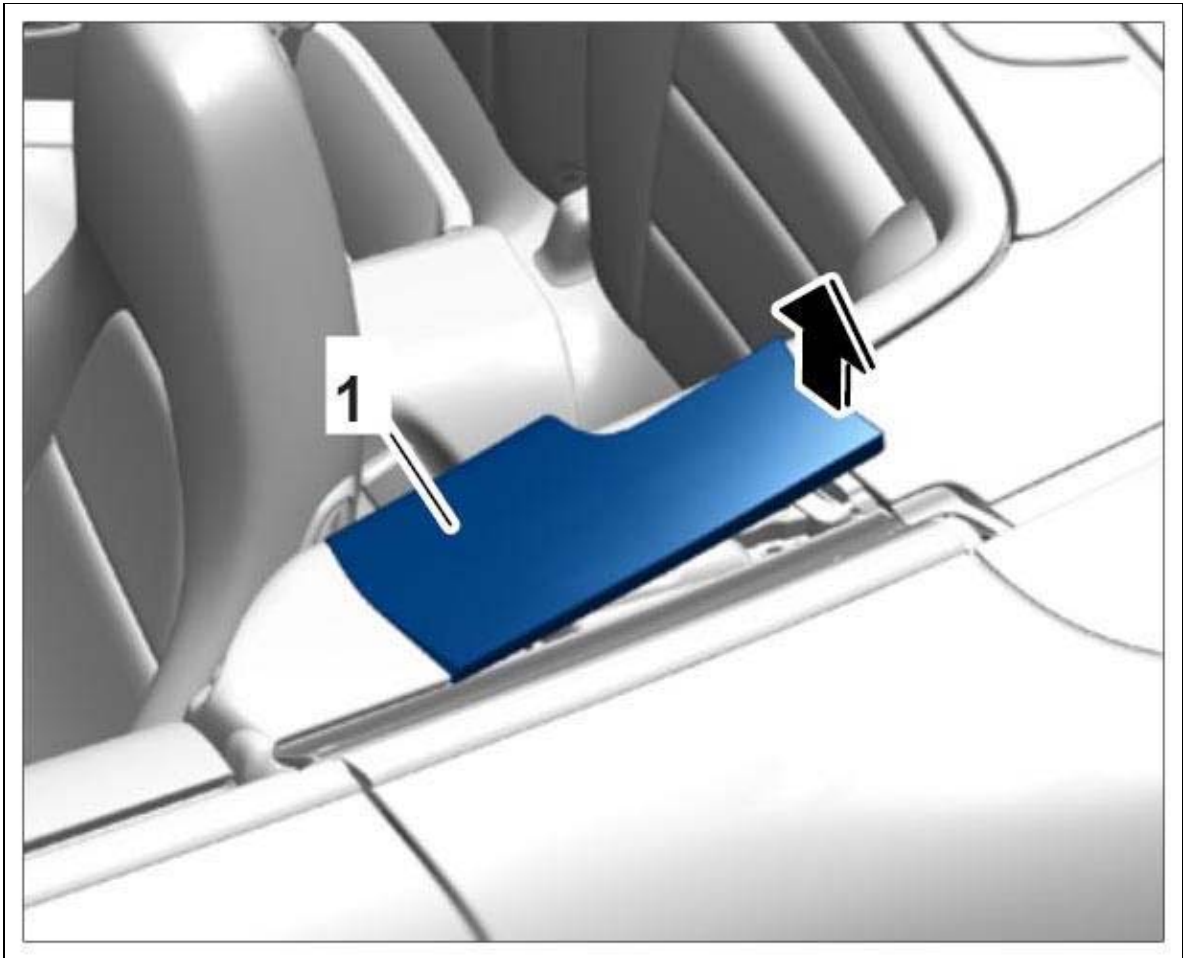
Fig 2: Removing Cover Of Three-Point Seat Belt



Courtesy of PORSCHE CARS NORTH AMERICA, INC.

2. Unclip trim panel -1- at the rear by pulling it up out of the guide.

Fig 3: Removing Trim Panel



Courtesy of PORSCHE CARS NORTH AMERICA, INC.

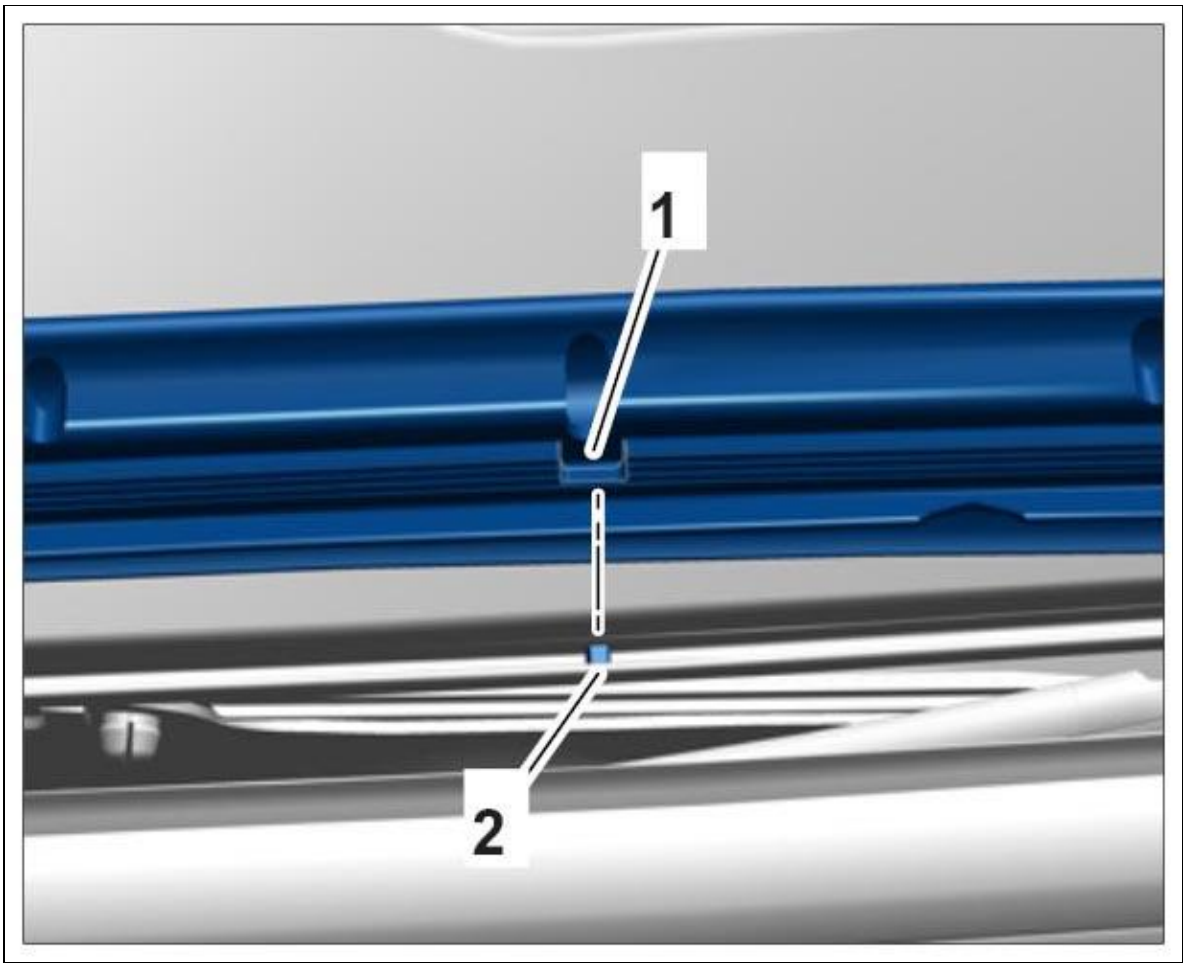
3. Pull window channel seal up and remove it.

## **WM 646919 REMOVING AND INSTALLING INNER REAR WINDOW CHANNEL SEAL (CABRIO) > INSTALLING REAR WINDOW CHANNEL SEAL**

### **Information**

- Check that the seal is seated exactly at the correct position.
  - Check gap and joint dimensions.
1. Position the guiding groove **-1-** of the seal at marking **-2-** on the mounting plate and press it in.

Fig 1: Identifying Window Channel Seal

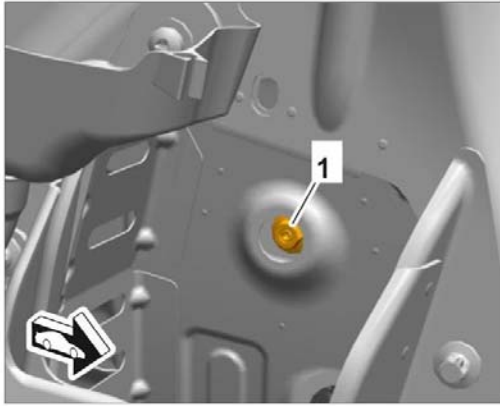


Courtesy of PORSCHE CARS NORTH AMERICA, INC.

2. Installation is performed in reverse order to removal.

### **WM 647119 REMOVING AND INSTALLING REAR WINDOW LIFTER (CABRIO) > TECHNICAL VALUES**

Location	Description	Type	Basic Value	Tolerance 1	Tolerance 2
Fastening Nut For Rear Power Window		Tightening Torque	17 Nm		

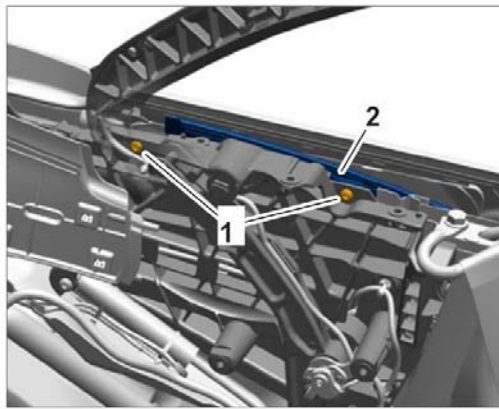


Loosening Fastening Nut For Power Window

Fastening Screw  
For Rear Side  
Window

Tightening  
Torque

9.7 Nm

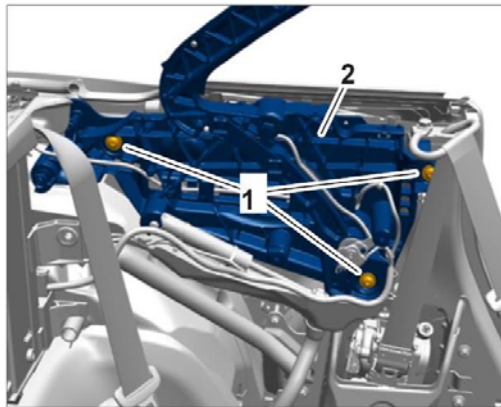


Removing Rear Side Window

Fastening Screw  
On Convertible  
Top Support

Tightening  
Torque

23 Nm (17 ft.  
lbs.)



Loosening Convertible Top Support

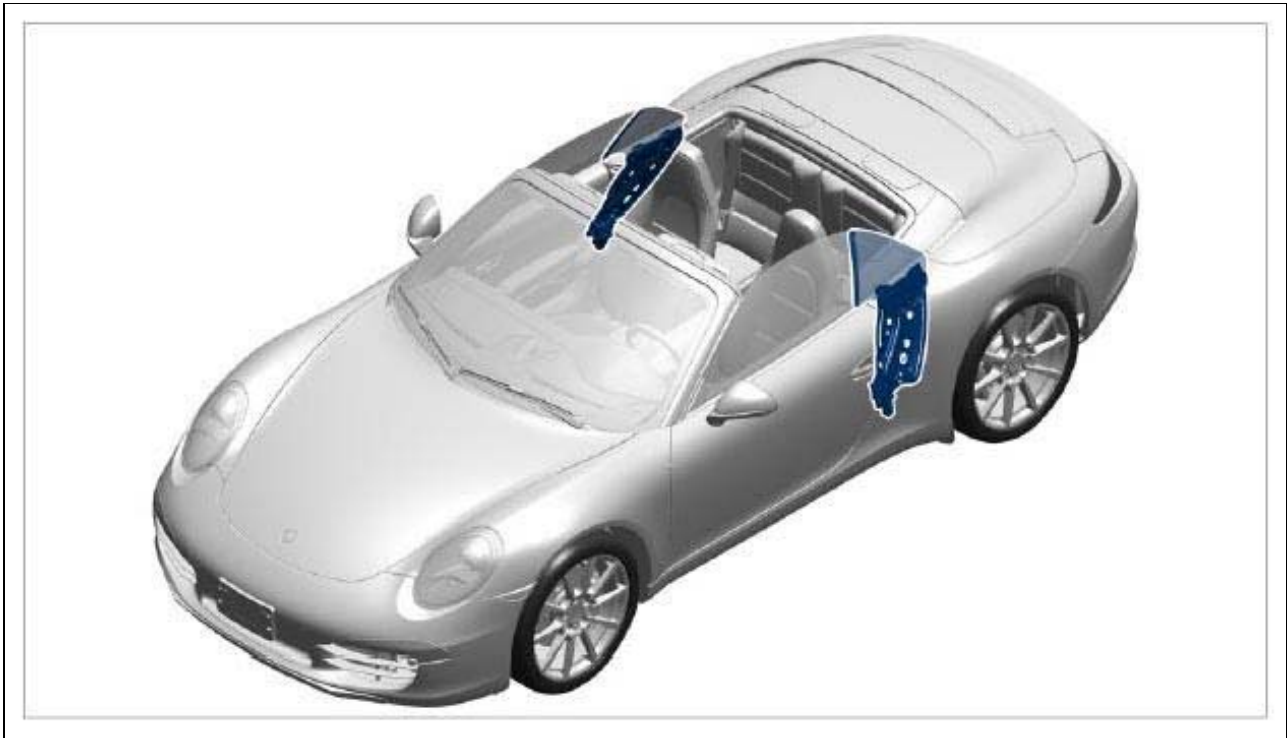
## WM 647119 REMOVING AND INSTALLING REAR WINDOW LIFTER (CABRIO) > PRELIMINARY WORK

1. Remove rear window channel seal → 646819 REMOVING AND INSTALLING REAR WINDOW CHANNEL SEAL
2. Remove belt retractor. → 691119 REMOVING AND INSTALLING FRONT THREE-POINT BELT



## WM 647119 REMOVING AND INSTALLING REAR WINDOW LIFTER (CABRIO) > REMOVING REAR WINDOW LIFTER

Fig 1: Identifying Rear Window Lifter

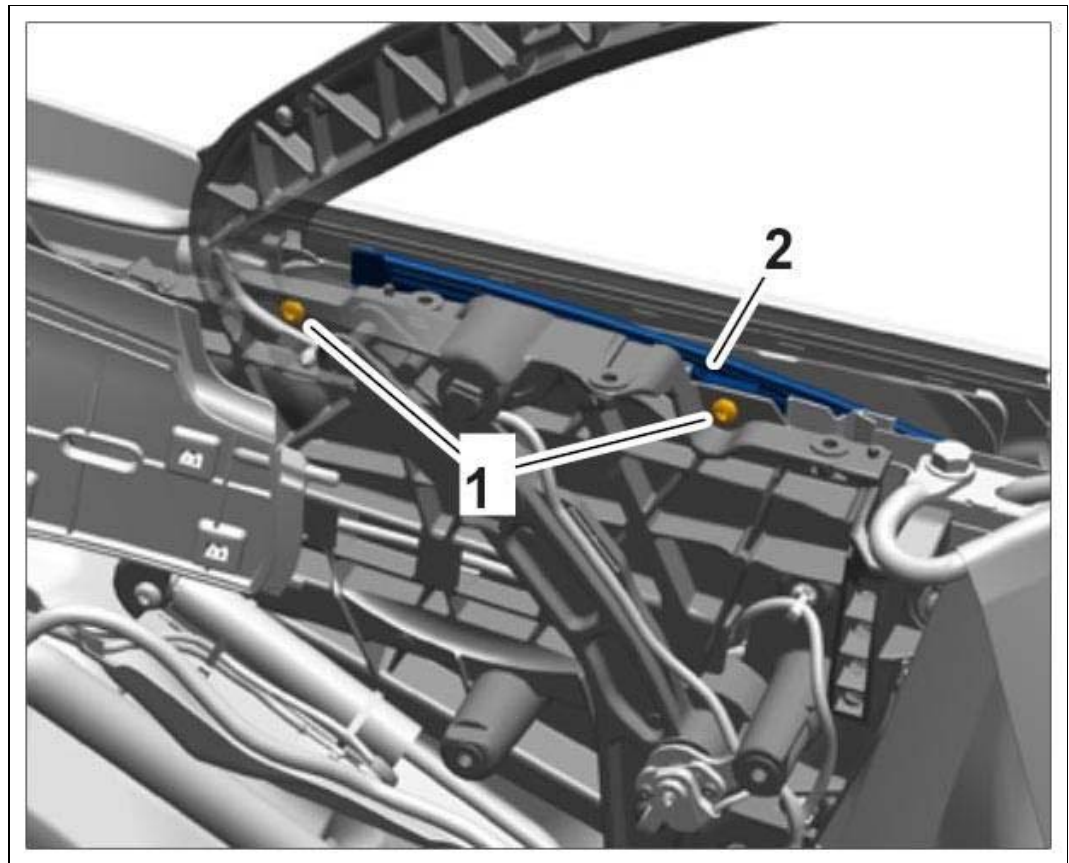


Courtesy of PORSCHE CARS NORTH AMERICA, INC.

1. Unscrew fastening screws -1- on the window lifter (power windows mechanism) -2- .

1. 1.1. Remove spacers.

Fig 2: Identifying Power Windows Mechanism (Top)

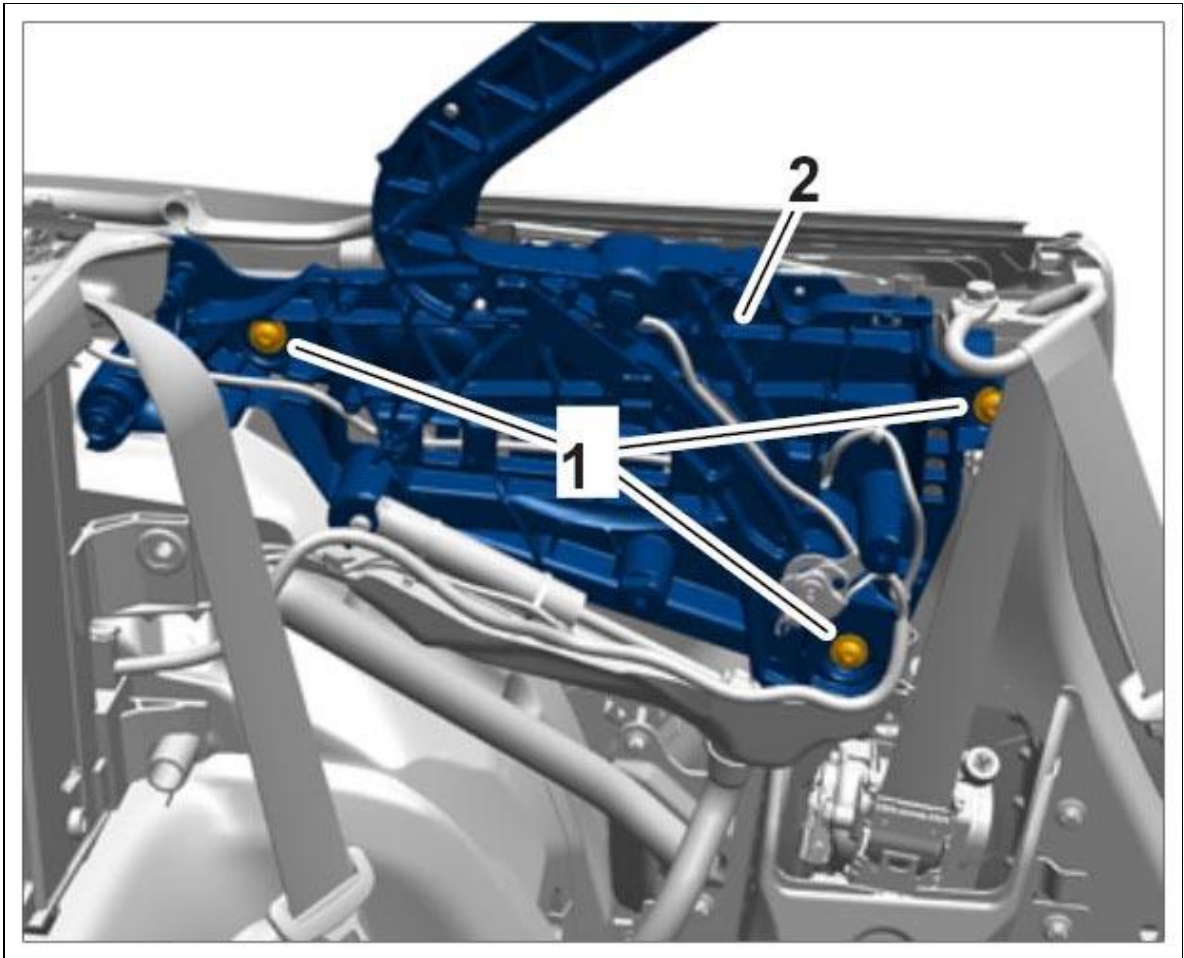


Courtesy of PORSCHE CARS NORTH AMERICA, INC.

2. Unscrew fastening screws -1- from the convertible top support -2- .

Pull front convertible top support up and unhook it.

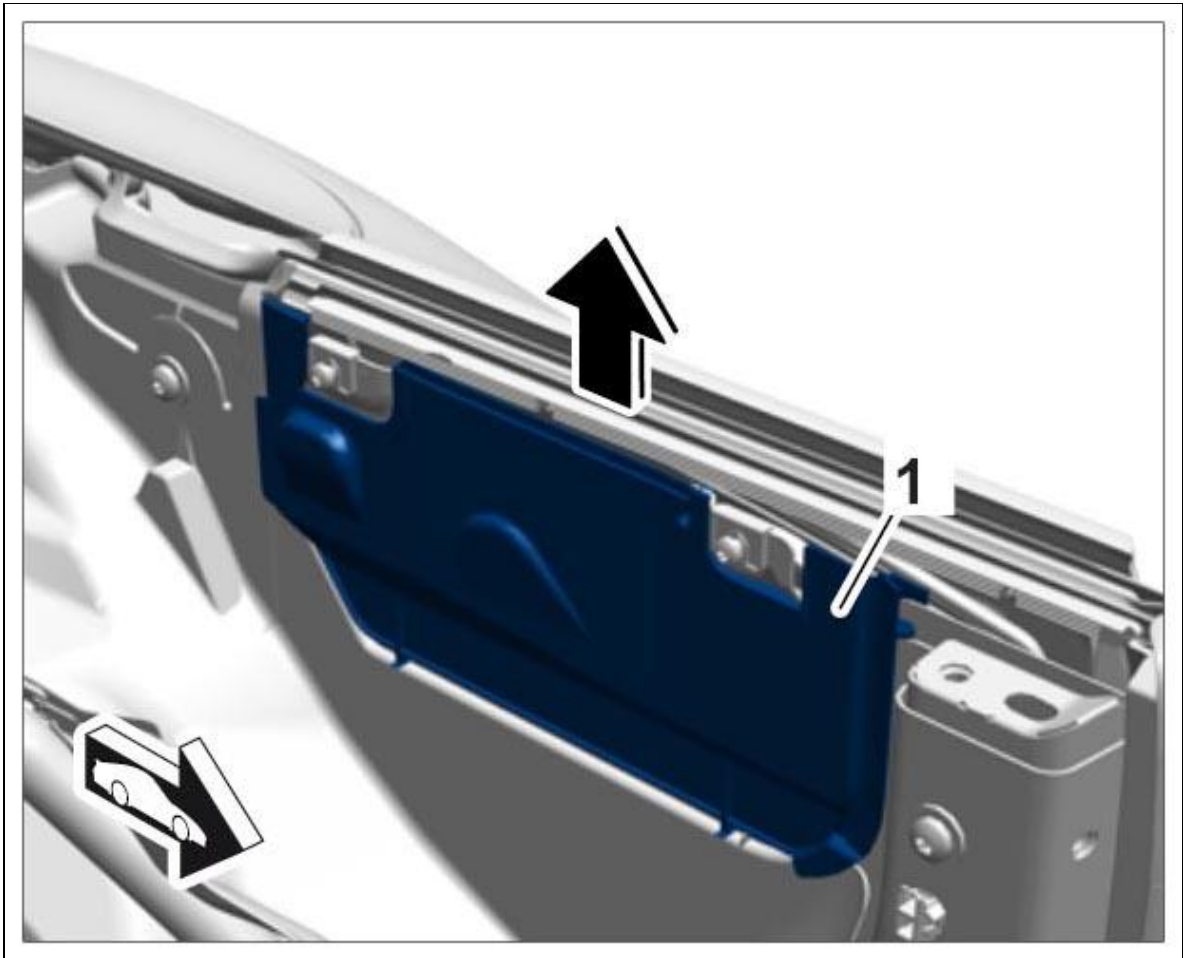
Fig 3: Identifying Convertible Top Support Fastening Screws



Courtesy of PORSCHE CARS NORTH AMERICA, INC.

3. Unclip cover -1- and remove it by pulling it upwards.

Fig 4: Removing Cover



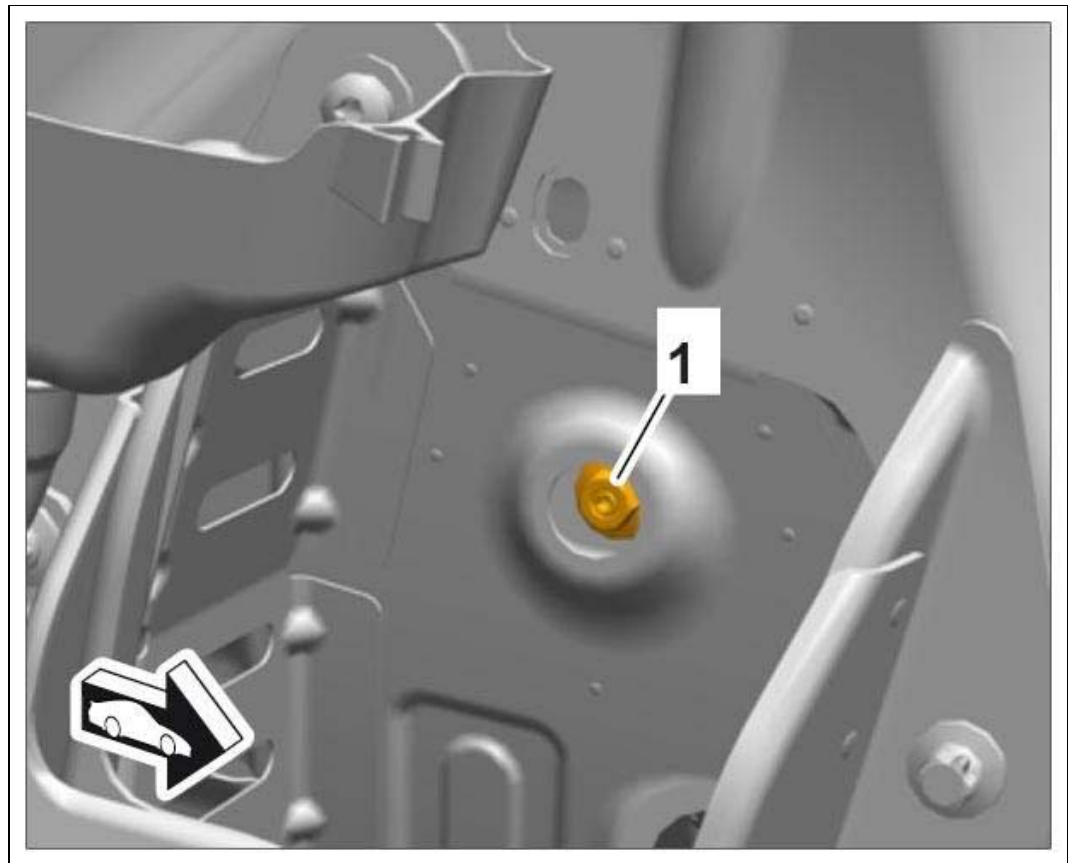
Courtesy of PORSCHE CARS NORTH AMERICA, INC.

4. Loosen power windows mechanism.

1. 4.1. Remove cap -1- .

2. 4.2. Loosen fastening nut for power windows mechanism.

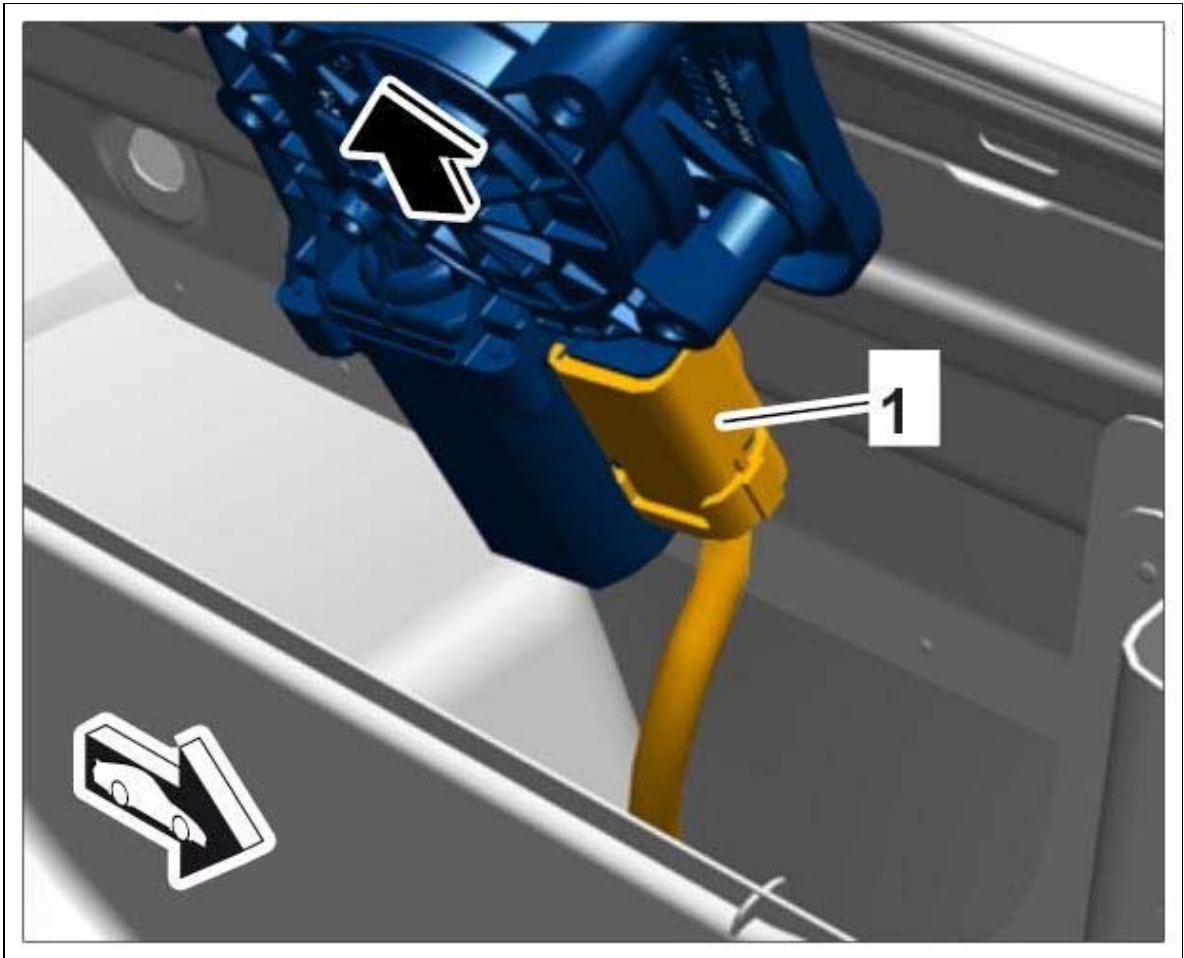
Fig 5: Identifying Power Windows Mechanism Fastening Nut



Courtesy of PORSCHE CARS NORTH AMERICA, INC.

5. Lift up front convertible top support with the help of another person and press it inwards.
6. Lift up power windows mechanism complete with rear side window.
7. Disconnect plug connection -1- .

Fig 6: Disconnecting Plug Connection



Courtesy of PORSCHE CARS NORTH AMERICA, INC.

8. Remove power windows mechanism complete with rear side window by pulling it upwards.

### **WM 647119 REMOVING AND INSTALLING REAR WINDOW LIFTER (CABRIO) > INSTALLING REAR WINDOW LIFTER**

1. Installation is performed in reverse order to removal.
2. When installing the cover, make sure that the cover is fitted correctly in the guide.
3. The tilt angle of the side window can be adjusted at the upper fastening points using spacer plates (991.543.561.0X).

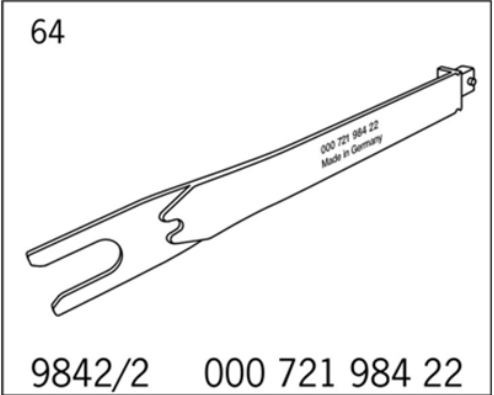

1. S1 White
2. S2 Yellow
3. S3 Grey
4. S4 Green
5. S5 Blue
6. S6 Black

4. Fastening nut for power windows mechanism at the bottom. **Tightening torque 17 Nm**
5. Fastening screw for power windows mechanism at the top. **Tightening torque 9.7 Nm**
6. Fastening screw for convertible top support. **Tightening torque 23 Nm (17 ft. lbs.)**

### WM 647119 REMOVING AND INSTALLING REAR WINDOW LIFTER (CABRIO) > SUBSEQUENT WORK

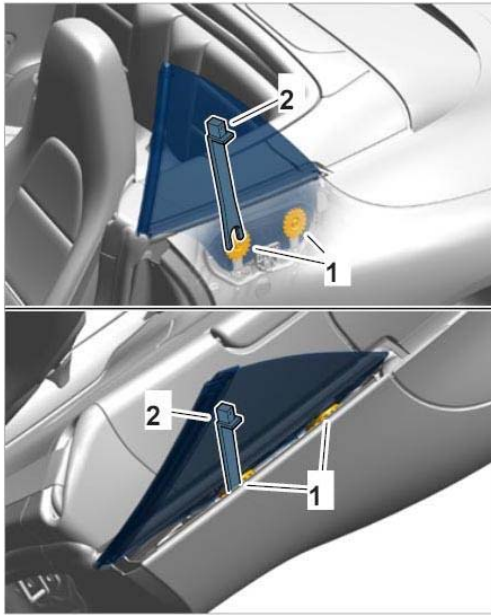
1. Install belt retractor. → 691119 REMOVING AND INSTALLING FRONT THREE-POINT BELT
2. Install rear window channel seal. → 646819 REMOVING AND INSTALLING REAR WINDOW CHANNEL SEAL

### WM 647515 ADJUSTING REAR SIDE WINDOW (CABRIO) > TOOLS

Designation	Type	Number	Description
Hook Wrench	Special Tool	9842/2	
Screwdriver	Special Tool	9842/3	

### WM 647515 ADJUSTING REAR SIDE WINDOW (CABRIO) > TECHNICAL VALUES

Location	Description	Type	Basic Value	Tolerance 1	Tolerance 2
Fastening Screw For Rear Side Window	Special Tool	Tightening Torque	10 Nm		



Loosening Side Window

Side Window Gap With Respect To Door Window

Gap parallel (A)

Gap dimension

9 mm

+/-0.8 mm

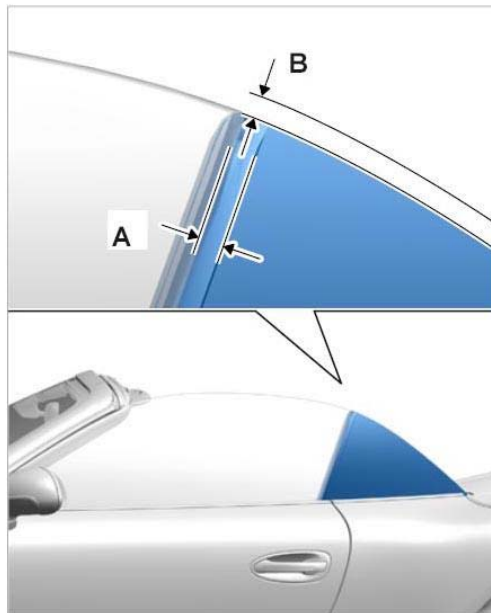
Side Window Projection With Respect To Door Window

(B)

Gap dimension

0 mm

+2 mm



Aligning The Side Window

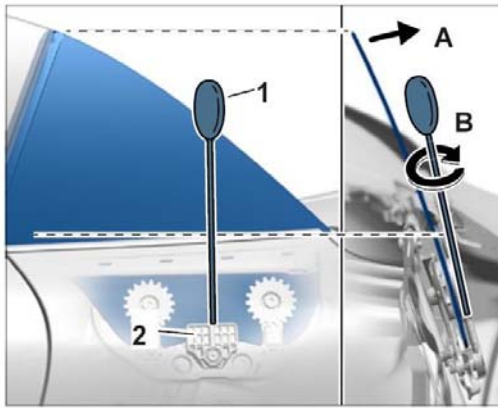
Side Window Offset With Respect To Door Window

Gap Dimension

0 mm

-2 mm





Adjusting The Angle Of The Rear Side Window

## WM 647515 ADJUSTING REAR SIDE WINDOW (CABRIO) > PRELIMINARY WORK

1. Remove rear window channel seal. → 646819 REMOVING AND INSTALLING REAR WINDOW CHANNEL SEAL - section on "removing"

## WM 647515 ADJUSTING REAR SIDE WINDOW (CABRIO) > PRELIMINARY WORK > ADJUSTING REAR SIDE WINDOW

Fig 1: Identifying Rear Side Windows



Courtesy of PORSCHE CARS NORTH AMERICA, INC.

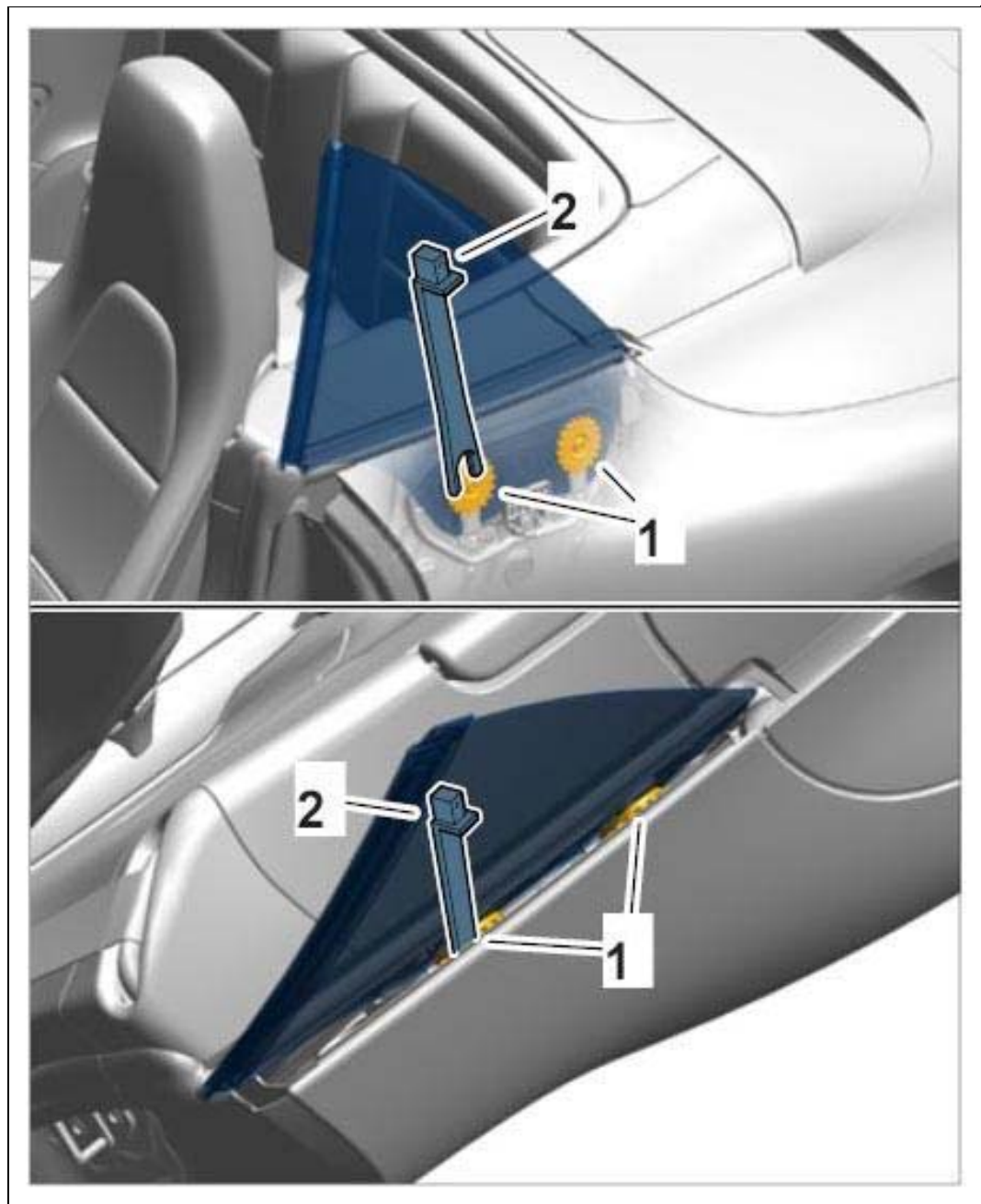
### Information

The projection of the window is checked with the hood down, all other parameters with the hood closed.

1. Insert special tool **Hook Wrench 9842/2** between the side wall channel and the side window.

1. 1.1. Loosen the hook screws **-1-** using special tool **-2-** .

Fig 2: Loosening Side Window



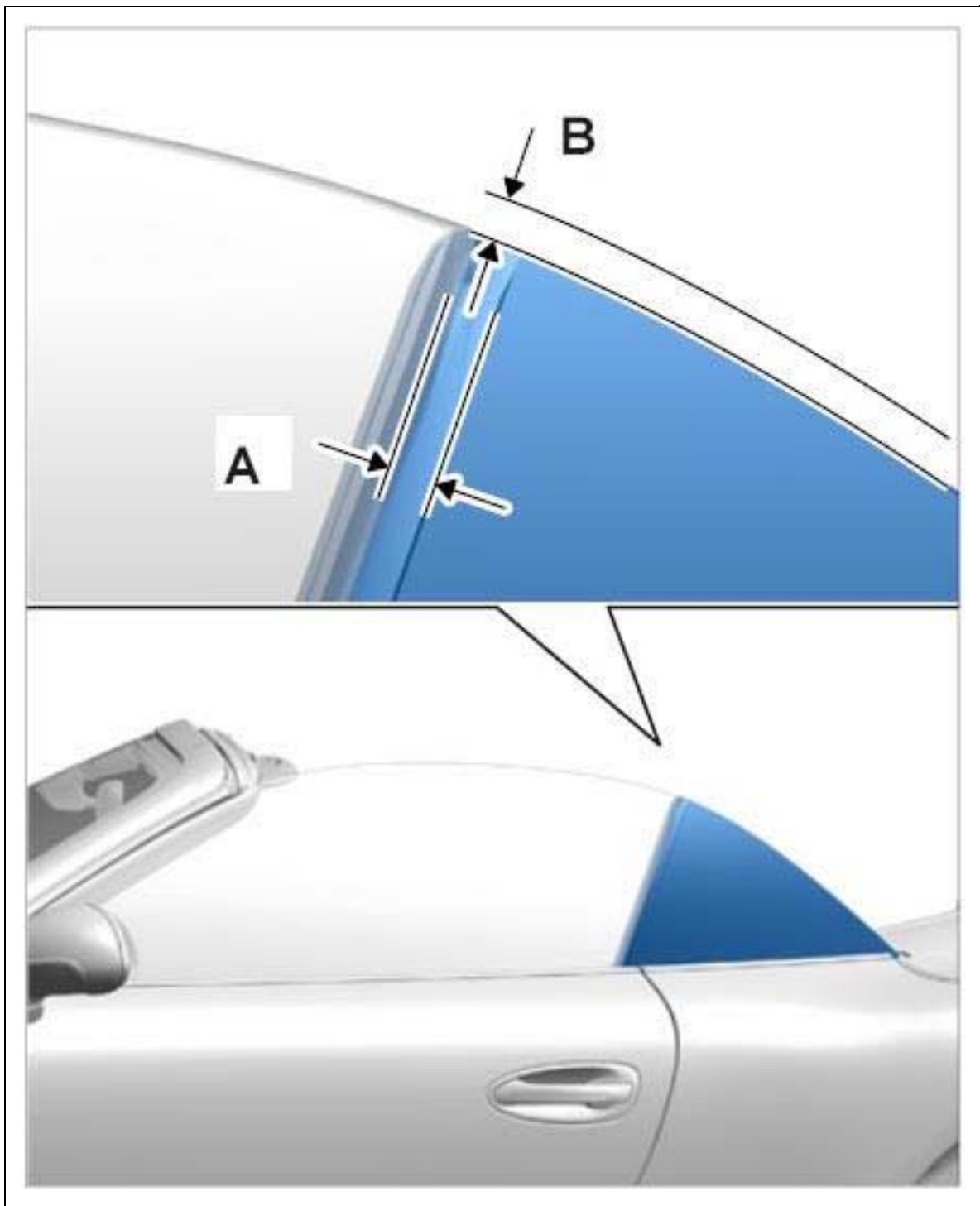
Courtesy of PORSCHE CARS NORTH AMERICA, INC.

2. Align side window with respect to door window.

3. **-A-** Side window to door window gap. **Gap Dimension 9 mm +/-0.8 mm**

1. 3.1. **-B-** Side window to door window projection. **Gap Dimension 0 mm +2 mm**

Fig 3: Aligning Side Window With Respect To Door Window

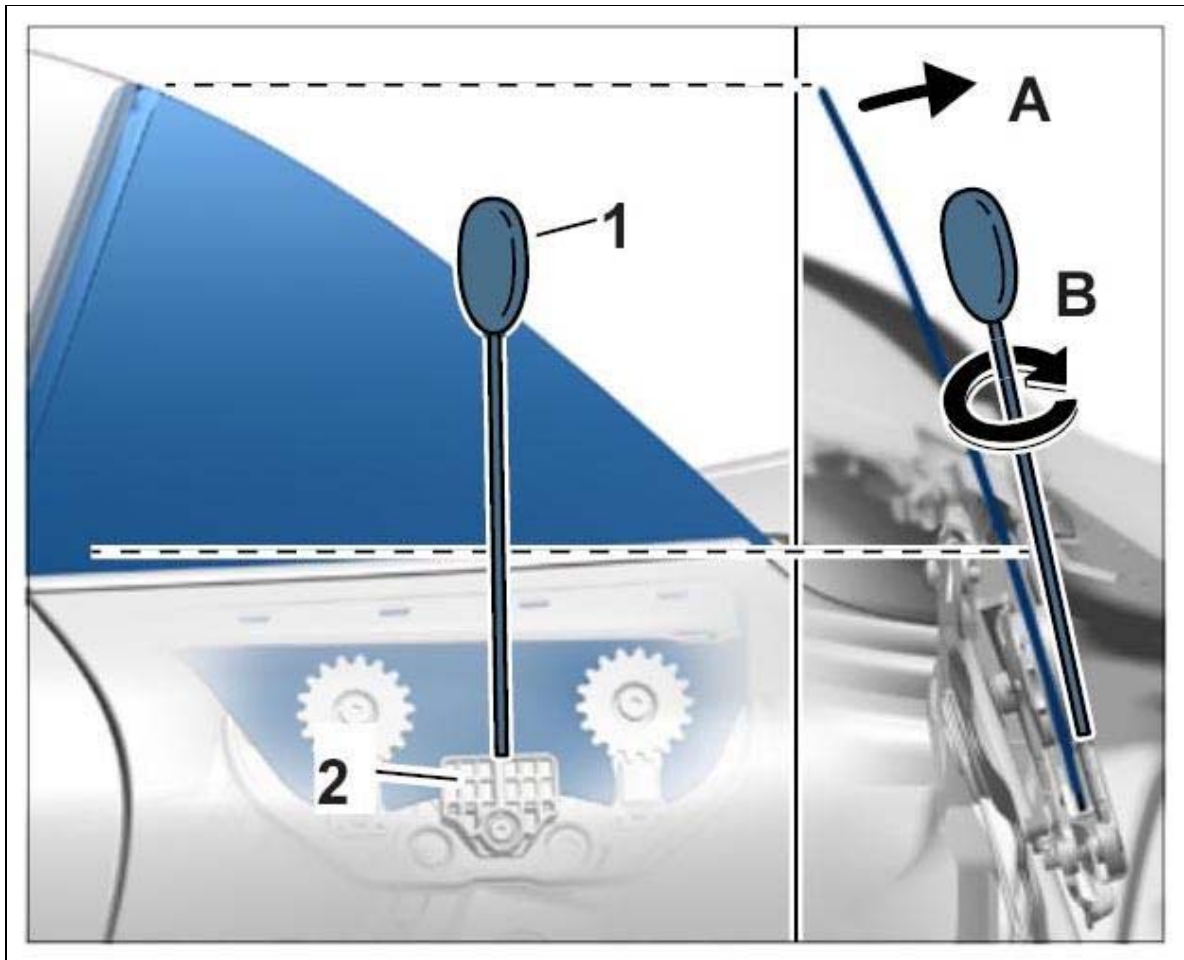


Courtesy of PORSCHE CARS NORTH AMERICA, INC.

4. Angle of side window along Y axis - adjusting.

1. 4.1. Insert screwdriver **Screwdriver 9842/3 -1-** into the angular drive **-2-** between the hook screws and adjust **-B-** the angle **-A-** of the window by turning the tool.

Fig 4: Adjusting Angle Of Rear Side Window



Courtesy of PORSCHE CARS NORTH AMERICA, INC.

5. Side window/door window offset. **Gap Dimension 0 mm -2 mm**

6. Tighten hook screw to the specified torque. **Tightening Torque 10 Nm**

#### **WM 647515 ADJUSTING REAR SIDE WINDOW (CABRIO) > SUBSEQUENT WORK**

1. Installing rear window channel seal. → 646819 REMOVING AND INSTALLING REAR WINDOW CHANNEL SEAL - section on "Installing"

#### **WM 647519 REMOVING AND INSTALLING REAR SIDE WINDOW (EXCEPT CABRIO) > PRELIMINARY WORK**

1. Remove roof molding. → 663319 REMOVING AND INSTALLING ROOF MOLDING

2. Detach B-pillar trim and lay it to one side. → 706719 REMOVING AND INSTALLING B-PILLAR TRIM PANEL - section on "Removing"

#### **WM 647519 REMOVING AND INSTALLING REAR SIDE WINDOW (EXCEPT CABRIO) > REMOVING REAR SIDE WINDOW > REMOVING SIDE WINDOW**