

Targa Roof Convertible Top Cover Damaged at the Rear Outer Corner (112/25)

Vehicle Type: **911 Targa 4 (992)**
911 Targa 4S (992)
911 Targa 4 GTS (992)

Model Year: **As of 2021**

Concerns: **Convertible top cover**

Information: **The customer is complaining about damage to the convertible top cover on the Targa roof at the rear outer corner.** ⇒ *Damage to convertible top cover (example shown)*



Damage to convertible top cover (example shown)

Cause: In rare cases, contact between the door window pane and the convertible top cover can occur during the opening and closing process of the vehicle door due to a low level of the convertible top (Targa roof). In addition, a door window pane that is not optimally adjusted can also lead to the above-mentioned complaint.

Action: In the event of a customer complaint and **before** replacing the convertible top cover, check the position of the convertible top (Targa roof) and the setting of the affected door window pane at the front and adjust it if necessary.

Required tools

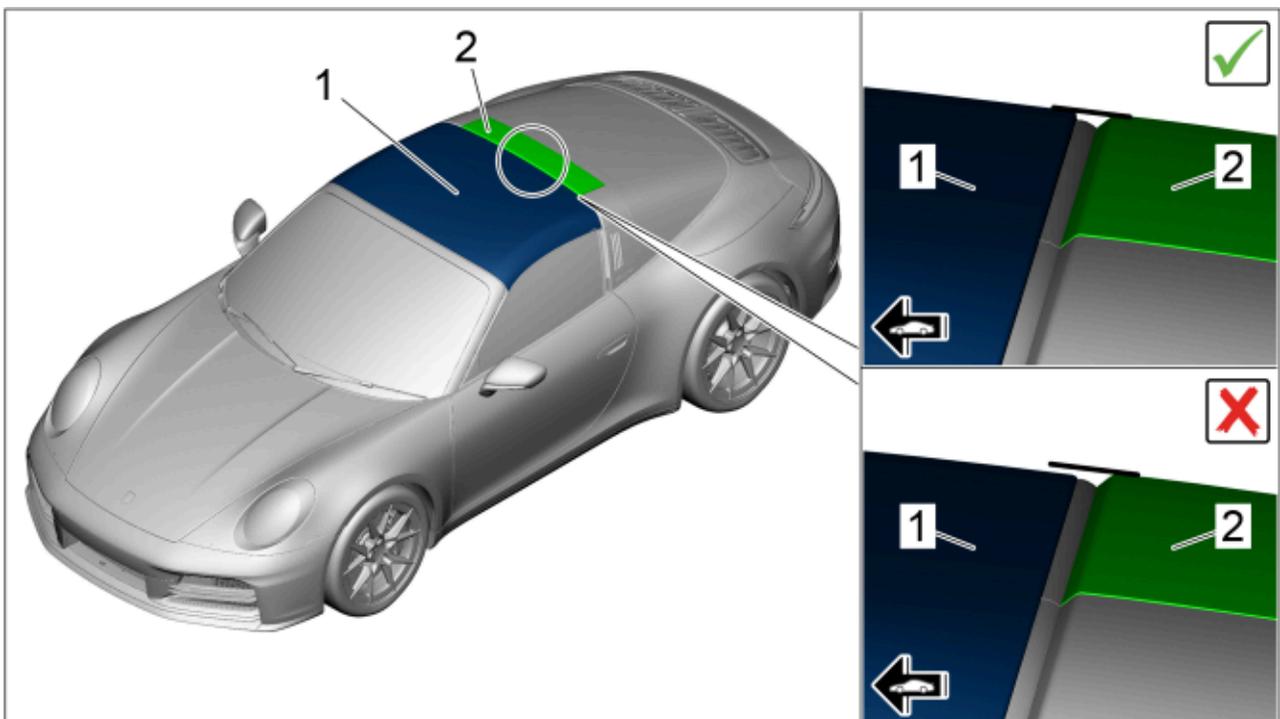
- Tools:
- Battery charger with a current rating of **at least 90 A** and a **current and voltage-controlled charge map** for lithium starter batteries, e.g., **VAS 5908 - battery charger 90 A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charge battery and vehicle electrical system'*
 - Torque wrench, 0.4-2 Nm (0.3-1.5 ftlb.), e.g. **VAS 6253A - torque wrench, 0.4-2 Nm (0.3-1.5 ftlb.)**
 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.), e.g. **V.A.G 1783 - torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**

- Torque wrench, 6-50 Nm (4.5-37 ftlb.), e.g. **V.A.G 1331A - torque spanner, 6-50 Nm (4.5-37 ftlb.)**
- Plastic wedge, commercially available
- Feeler gauge, e.g., **P213b - Feeler gauge**

Checking position of convertible top (Targa roof)

Work Procedure: 1 **If required:** Move the convertible top (Targa roof) to the closed position.

- 2 Check the position of convertible top (Targa roof) ⇒ *Test area for position of convertible top (Targa roof) relative to Targa bracket trim -1-* for Targa bar trim ⇒ *Test area for position of convertible top (Targa roof) relative to Targa bracket trim -2-* in middle of vehicle ⇒ *Test area for position of convertible top (Targa roof) relative to Targa bracket trim -Circle-*.



Test area for position of convertible top (Targa roof) relative to Targa bracket trim

Assessment		Action
(✓)	Convertible top (Targa roof) ⇒ <i>Test area for position of convertible top (Targa roof) relative to Targa bracket trim -1-</i> is flush with Targa bar trim ⇒ <i>Test area for position of convertible top (Targa roof) relative to Targa bracket trim -2-</i> .	Position of convertible top (Targa roof) OK. Continue by setting the door window pane and replacing the convertible top cover. ⇒ <i>Technical Information '270689 Adjusting door window pane'</i>
(✗)	Convertible top (Targa roof) ⇒ <i>Test area for position of convertible top (Targa</i>	Position of convertible top (Targa roof) not OK.

roof) relative to Targa bracket trim -1- is lower than Targa bar trim ⇒ Test area for position of convertible top (Targa roof) relative to Targa bracket trim -2-.

Continue by setting the position of the convertible top (Targa roof).
⇒ Technical Information '270689 Adjusting position of convertible top (Targa roof)'

Adjusting position of convertible top (Targa roof)

Work Procedure: 1 Move the convertible top (Targa roof) to the half-open position.

2 Adjust the convertible top (Targa roof).

2.1 Make marking ⇒ Stop screw for convertible top (Targa roof) -1- on stop screw securing convertible top (Targa roof) ⇒ Stop screw for convertible top (Targa roof) -2-.

2.2 Loosen lock nut ⇒ Stop screw for convertible top (Targa roof) -3-.

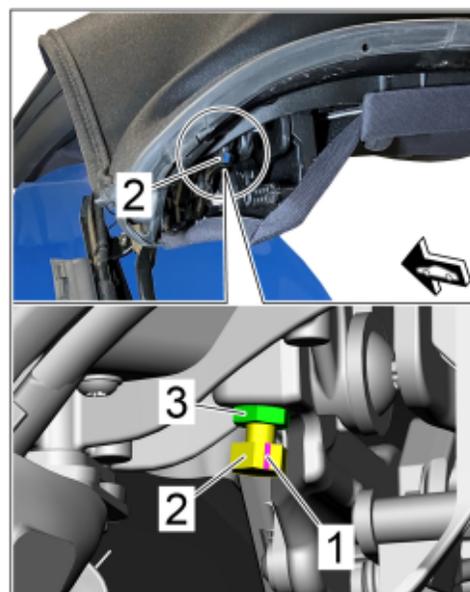
2.3 Unscrew the stop screw for the convertible top (Targa roof) ⇒ Stop screw for convertible top (Targa roof) -2- by 2 turns.
This lifts the rear part of the convertible top (Targa roof).

2.4 Tighten lock nut ⇒ Stop screw for convertible top (Targa roof) -3- at **Tightening torque 8 Nm (5.9 ftlb.)**.

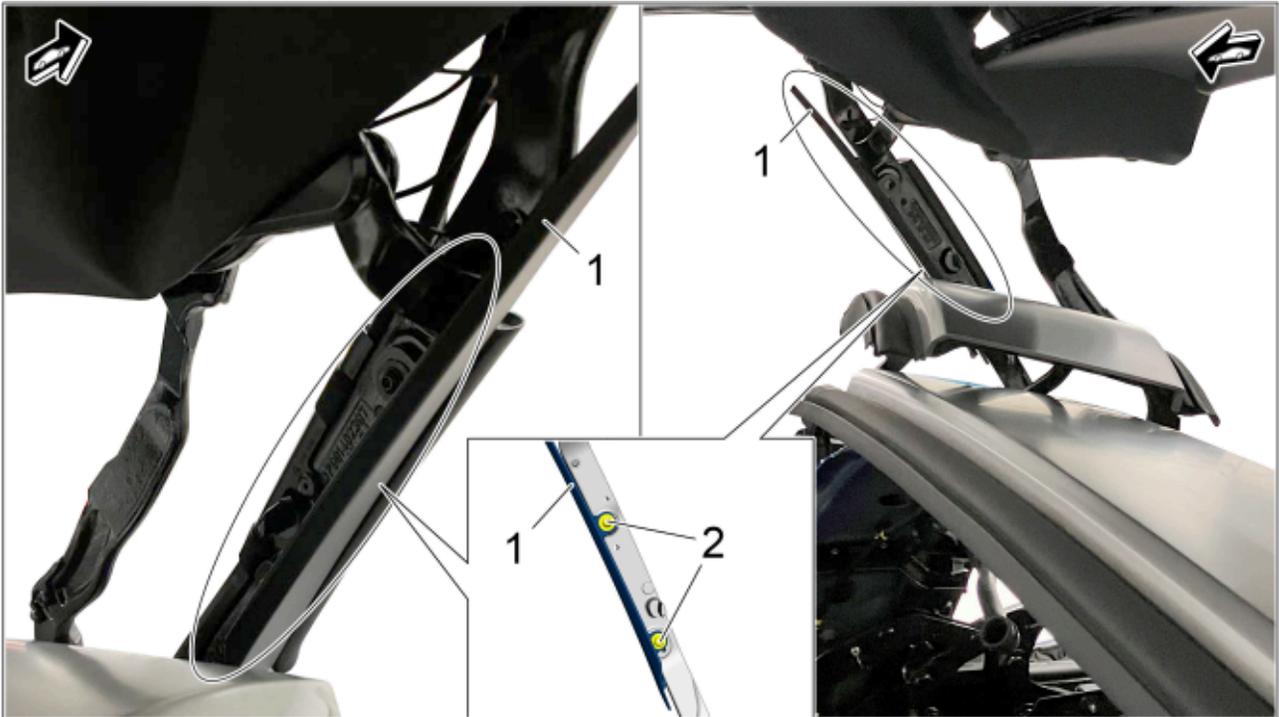
Make sure that the position of convertible top stop screw (Targa roof) ⇒ Stop screw for convertible top (Targa roof) -2- does not change.

2.5 Repeat action steps 2.1 to 2.4 on the opposite side.

3 Remove main control arm trim ⇒ Main control arm trim -1- on the left and right by loosening and unscrewing screws ⇒ Main control arm trim -2- on both sides of the vehicle.

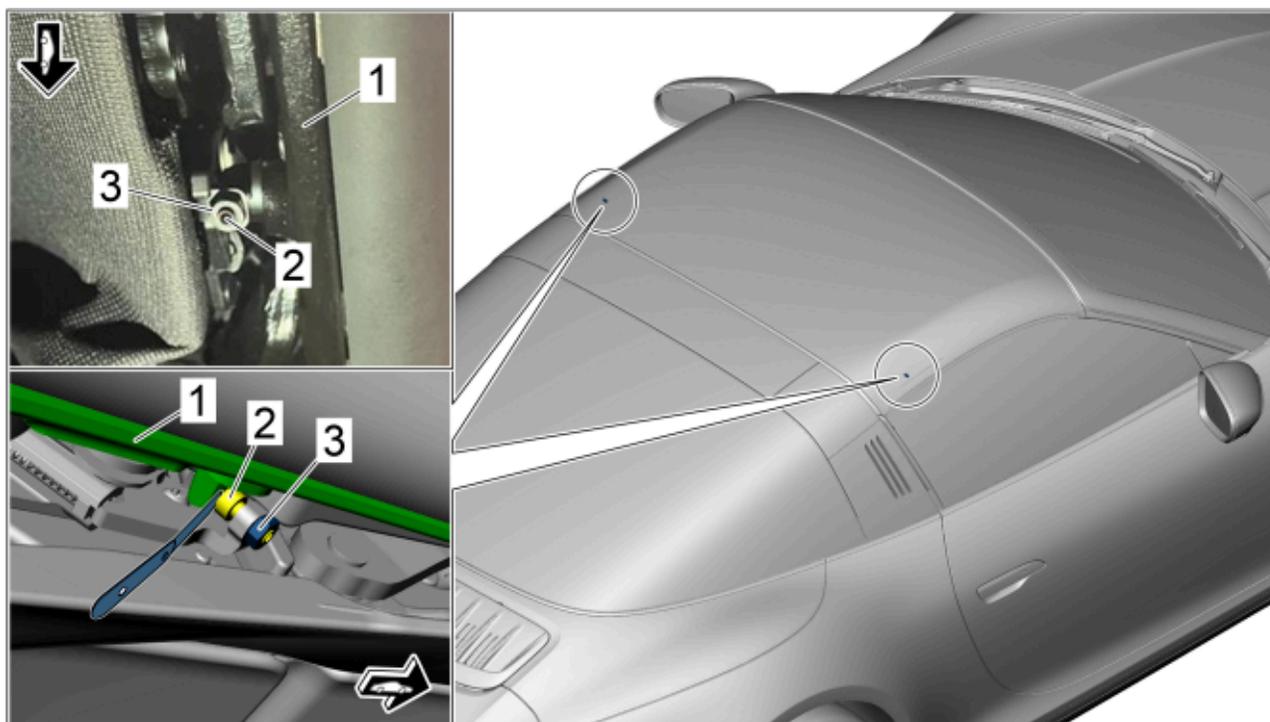


Stop screw for convertible top (Targa roof)



Main control arm trim

- 4 Move the convertible top (Targa roof) to the closed position.
- 5 Measure distance/air clearance between main control arm \Rightarrow Vacuum lock stop screw -1- and vacuum lock stop screw \Rightarrow Vacuum lock stop screw -2- on both sides of the vehicle using a feeler gauge.

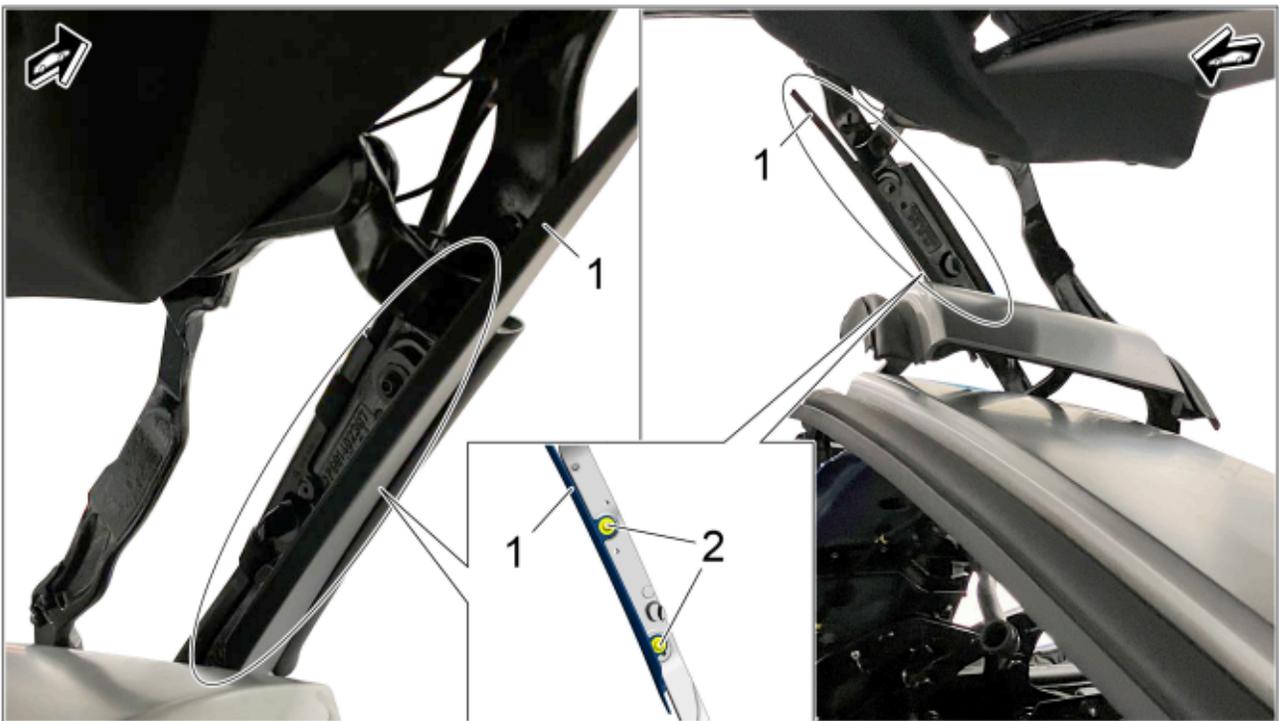


Vacuum lock stop screw

Assessment		Action
(✓)	Distance/air clearance is less than or equal to 0.3 mm on both sides.	Distance/air clearance between main control arm and vacuum lock stop screw OK. Continue with Step ⇒ 7.
(x)	Distance/air clearance is greater than 0.3 mm on one or both sides.	Distance/air clearance between main control arm and vacuum lock stop screw not OK. Continue with Step ⇒ 6.

- 6 **Only if required:** Adjust the vacuum lock stop screw.
 - 6.1 Loosen lock nut ⇒ *Vacuum lock stop screw -3-* on the affected side of the vehicle.
 - 6.2 Adjust distance/air clearance by twisting the vacuum lock stop screw ⇒ *Vacuum lock stop screw -2-* to the target dimension between 0.0 mm and 0.3 mm using a feeler gauge.
 - 6.3 Tighten lock nut ⇒ *Vacuum lock stop screw -3-* at **Tightening torque 2.5 Nm (1.8 ftlb.)**.
Make sure that the position of vacuum lock stop screw ⇒ *Vacuum lock stop screw -2-* does not change.
 - 6.4 If required: Repeat action steps 5.2 to 5.4 on the opposite side.

- 6.5 Move the convertible top (Targa roof) to the half-open position.
During the movement process of the convertible top (Targa roof), interrupt it several times and check whether there is the distance between main control arm \Rightarrow Vacuum lock stop screw -1- and stop screw cap \Rightarrow Vacuum lock stop screw -2- is always **at least 2 mm**.
- If this is not the case, repeat the vacuum lock setting.
- 7 Position main control arm trim \Rightarrow Main control arm trim -1- on the left and right at the main control arm, attach and tighten screws \Rightarrow Main control arm trim -2- and tighten them to **Tightening torque 3 Nm (2.2 ftlb.)**.



Main control arm trim

- 8 Check the position of the convertible top (Targa roof) again.
 \Rightarrow Technical Information '270689 Checking position of convertible top (Targa roof)'

Adjusting door window pane and replacing convertible top cover

- Work Procedure: 1 Adjust the door window pane on the affected side of the vehicle and then teach the end positions of the door window pane.
 \Rightarrow Workshop Manual '644015A1 Adjusting door window pane'

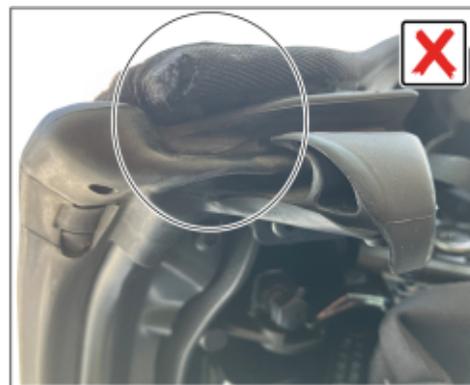


Information

Once the correct position of the convertible top (targa roof) and proper adjustment of the affected door window pane are ensured, the damaged convertible top cover can be replaced. This is the only way to ensure that damage does not occur again.

In the course of removing the convertible top cover, the rear seal must be checked and also replaced if there is any damage or deformation. ⇒ *Deformation at rear seal (example shown)*

- 2 Remove and replace the damaged convertible top cover.
⇒ *Workshop Manual '61281910 Removing and installing convertible top cover'*



Deformation at rear seal (example shown)

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
61010140	Checking position of convertible top (Targa roof)	
61011540	Adjusting position of convertible top (Targa roof)	
61011541	Adjusting position of convertible top (Targa roof)	
64401551	Adjusting left front door window pane	
64401552	Adjusting right front door window pane	

PCSS encryption:

Location (FES5)	64400	Front door window pane
Damage type (SA4)	1024	Coming up

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