

**Symptom - Body Exterior - Seam on Convertible Top Covering Becomes Detached:
Reworking convertible top covering (SY 20/18)**

Vehicle Type: **Boxster Spyder (981)**

Model Year: **As of 2016**

Subject: **Convertible top covering**

Symptom: **Seam ⇒ *Overview-1* - at the rear left of the convertible top covering becomes detached.**



Overview

Cause: The seam can become detached if the convertible top is opened and closed very often.

Remedial
Action:



Information

The convertible top covering must not be replaced if the seam has become detached.

Sew reinforcing strip into the convertible top covering.

⇒ Reinforcing strip sewn in



Reinforcing strip sewn in

Parts Info:



Information

The following points must be observed in relation to the part numbers listed below and the relevant vehicle (depending on equipment):

- **Particular/modified components**, whose part numbers are listed accordingly, are **required for the remedial action**.
- **Part number indexes will increase over time**. Before performing repairs, cross reference with PET (Porsche Spare Parts Catalog), for newer parts (higher index).
- **Pet must be checked** to determine if additional components are needed for reinforcing the convertible top.

981.567.975.00 ⇒ Repair kit for convertible top covering

Tools:

- Fabric scissors
- Bradawl, round (2 mm)

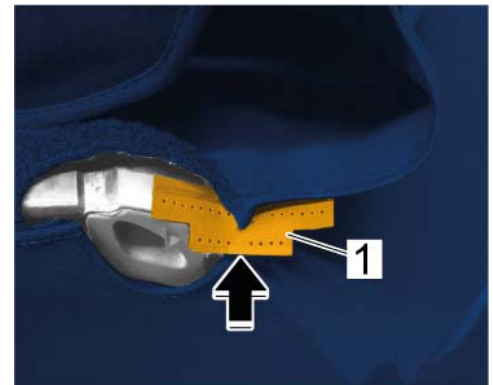
Work Procedure: 1 Open the lock, disengage fins and set them down on the roof.

⇒ *Convertible top fins*



Convertible top fins

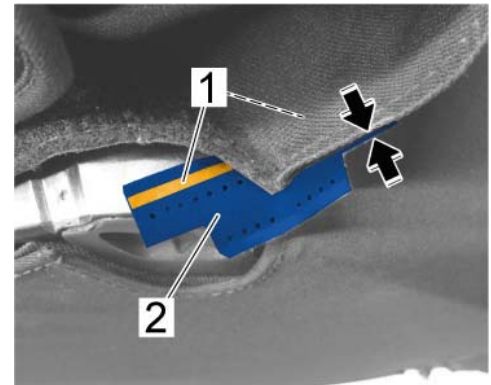
- 2 Position the reinforcing strip ⇒ *Cut-out on reinforcing strip -1-* with the cut towards the convertible top covering ⇒ *Cut-out on reinforcing strip -arrow-* and lift the fin bag slightly.



Cut-out on reinforcing strip

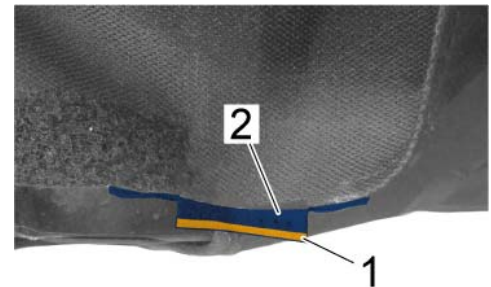
- 3 Pull protective film ⇒ *Protective film on inner bonding surfaces -1-* off the bonding surface on the right section, fit the reinforcing strip ⇒ *Protective film on inner bonding surfaces -2-* flush with the edge of the convertible top covering ⇒ *Protective film on inner bonding surfaces -Arrows-* and press it on.

Pull protective film ⇒ *Protective film on inner bonding surfaces -1-* off the bonding surface on the left section and press the reinforcing strip ⇒ *Protective film on inner bonding surfaces -2-* on so that it is also flush with the convertible top covering.



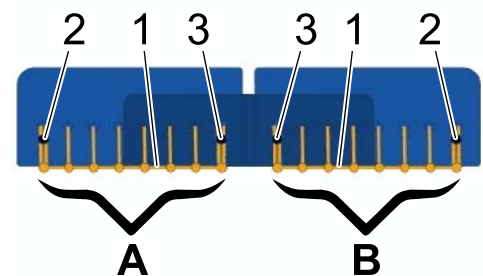
Protective film on inner bonding surfaces

- 4 Pull protective film ⇒ *Protective film on outer bonding surface -1-* off the bonding surface, fold the reinforcing strip ⇒ *Protective film on outer bonding surface -2-* over and press it onto the convertible top covering.



Protective film on outer bonding surface

- 5 Sew up section ⇒ *Stitch pattern: Seam on reinforcing strip -A-* of the seam.



Stitch pattern: Seam on reinforcing strip

1 – Seam

- 2 – Start of seam (double stitch with knot on underside)
- 3 – End of seam (double stitch with knot on underside)
- A – Seam — section A
- B – Seam — section B

6 Start the seam.

6.1 Insert the thread from the bottom up through the first hole, making sure to leave about 60 to 80 millimeters of thread at the bottom.

⇒ *Start of the seam -detail 1-*

6.2 Loop the thread up through the same hole again from below.

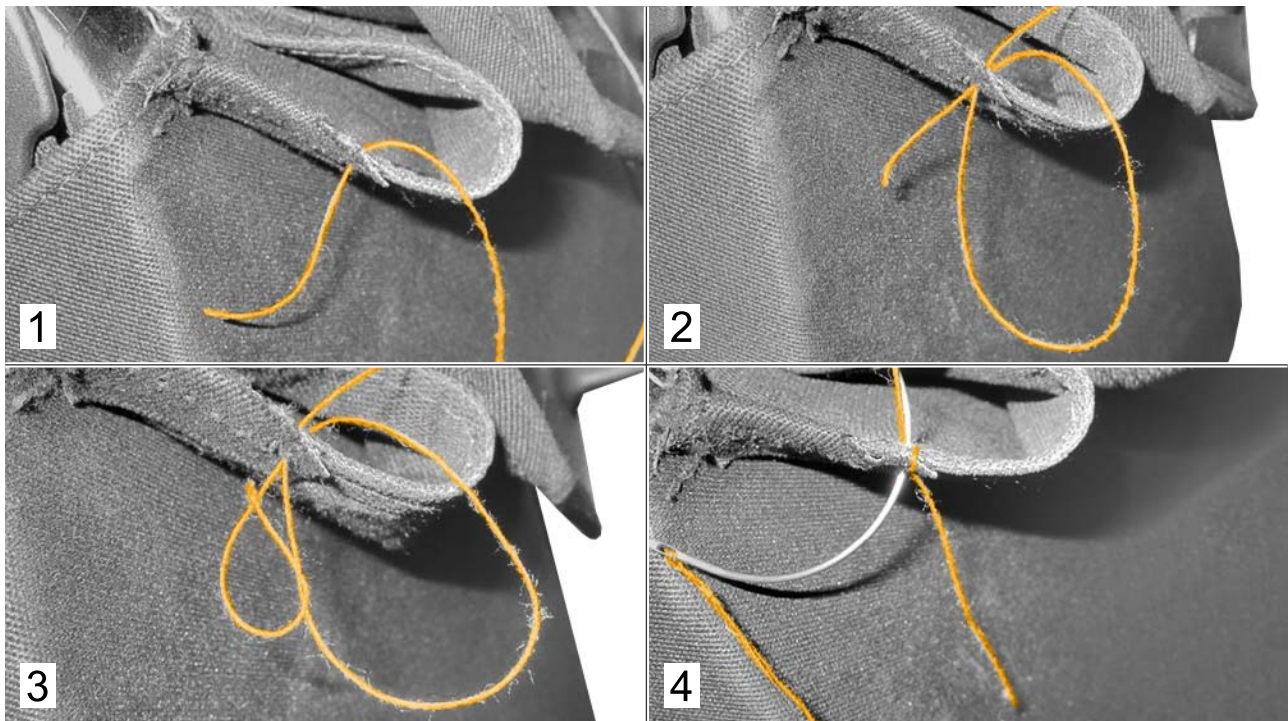
⇒ *Start of the seam -detail 2-*

6.3 Make two knots through the loop using the extra length of thread.

⇒ *Start of the seam -detail 3-*

6.4 Pull the thread up and loop it from the bottom up again using the needle.

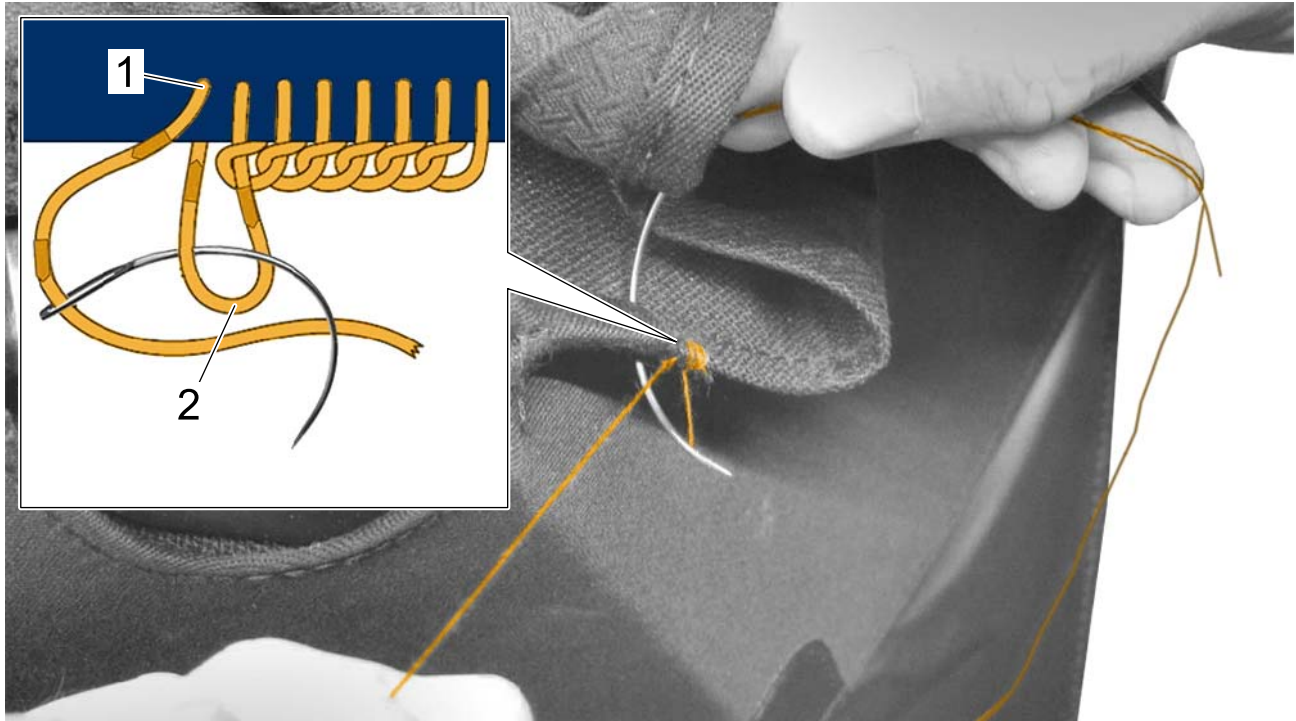
⇒ *Start of the seam -detail 4-*



Start of the seam

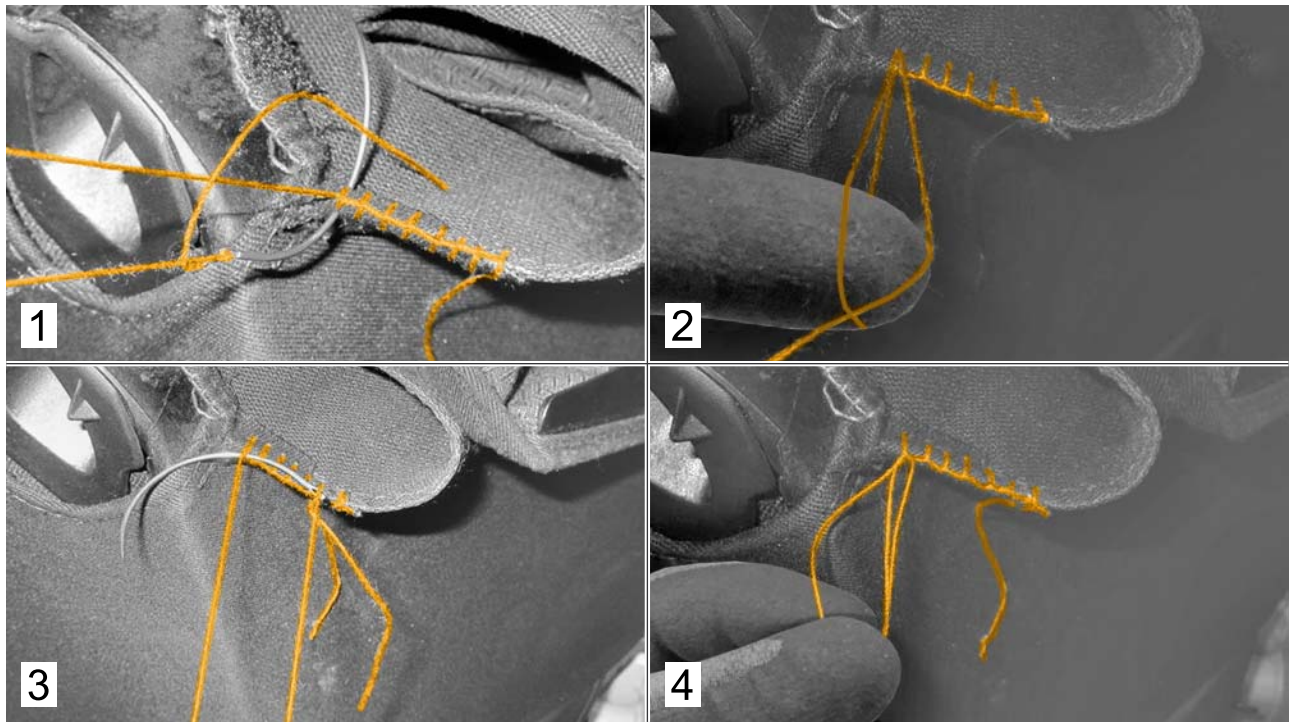
7 Continue sewing using buttonhole stitch.

- 7.1 Guide the thread through the next hole ⇒ *Buttonhole stitch -1-* from above using the needle.
- 7.2 Position the thread as shown ⇒ *Buttonhole stitch* and pull it through the loop ⇒ *Buttonhole stitch -2-* as shown.
- 7.3 Repeat this stitch for all the holes on section A.



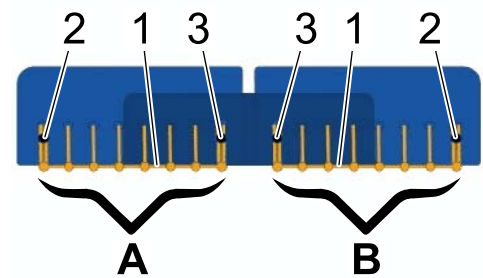
Buttonhole stitch

- 8 Close off the seam.
 - 8.1 Insert the thread through the last hole from the bottom up using the needle.
⇒ *End of the seam -detail 1-*
 - 8.2 Insert the thread through the eye using the needle and tighten the loop.
⇒ *End of the seam -detail 2-*
 - 8.3 Insert the thread through the last stitch using the needle.
⇒ *End of the seam -detail 3-*
 - 8.4 Loop the thread through the eye using the needle and tighten it.
⇒ *End of the seam -detail 4-*
 - 8.5 Cut the end of the thread off flush.



End of the seam

- 9 Sew up section ⇒ *Stitch pattern: Seam on reinforcing strip -B-* of the seam in the same way as section ⇒ *Stitch pattern: Seam on reinforcing strip -A-*.



Stitch pattern: Seam on reinforcing strip

- 1 – Seam
- 2 – Start of seam (double stitch with knot on underside)
- 3 – End of seam (double stitch with knot on underside)
- A – Seam — section A
- B – Seam — section B

10 **End** of action required.

Invoicing: The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
61014900	Reworking convertible top	

For invoicing and documentation using PQIS, enter the following coding:

Location (FES5)	61280	Convertible top covering
Damage type (SA4)	3029	Defective seam

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