

WC40 - Reworking Wind Deflector (Stop Sale Campaign)

Vehicle Type: **911 Carrera (991)/911 Carrera S (991)**

Model Year: **As of 2012 up to 2013**

Concerns: **Wind deflector**

Revision 2: June 15, 2012, this revision amends this Technical Information Bulletin to include an additional 1,942 retail sold vehicles. Owners of these vehicles will be notified by PCNA via mail beginning June 15, 2012 that they should contact their servicing dealer for the wind deflector rework outlined below.

Information: This is to inform you of a voluntary Workshop Campaign on the above-mentioned vehicles. There is the possibility that the wind deflector will not reach its end position when closing the convertible top in the event of unfavorable tolerances on the affected vehicles. As a result, the convertible top cannot be closed completely.



Information

If the convertible top cannot be closed because the wind deflector cannot be lowered, the wind deflector can be lowered manually.

To do this, press the wind deflector button in the center console and press the wind deflector to the rear with your hand at the same time.

Action Required: Rework the wind deflector.

Affected Vehicles: The VIN(s) can be checked by using PIWIS Vehicle Information link to verify if the campaign affects the vehicle. This Campaign is scope specific to the VIN! Failure to verify in PIWIS may result in an improper repair.

Materials:	000.043.207.16	⇒ Teflon Spray can	300 ml teflon spray can
		Super Fin long-life spray-on grease (available for order, June 4, 2012)	(approx. 6 ml required per vehicle)
		or	
		Wurth HHS Lube, p/n Wurth 0893 106	

Work Procedure: See Attachment "A".

Administrative Procedure: See Attachment "B"

Attachment "A": **Work Procedure**

Preliminary work.

- 1 Open the convertible top fully.
- 2 Remove trim panel for rear wall.
 - 2.1 Fold rear-seat backrests forward.
 - 2.2 Carefully lever off trim panel for rear wall using a screwdriver and unclip it by pulling it forward ⇒ *Figure 1 -arrows-*.
 - 2.3 Remove trim panel for rear wall.

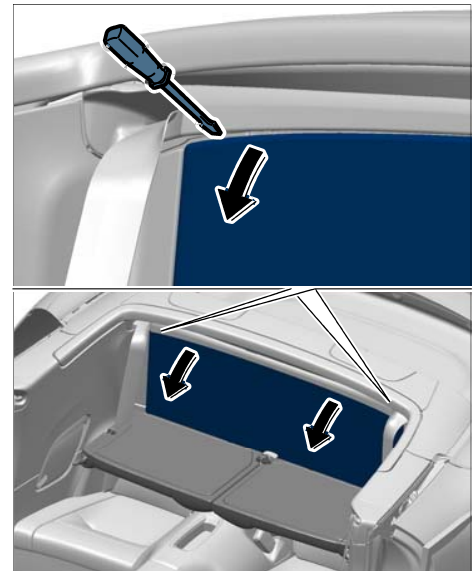


Figure 1

- 3 Remove rear cover.
 - 3.1 Disengage flaps ⇒ *Figure 2 -1-* on cover for roll-over protection system and remove them by pulling them forward.



Figure 2

- 3.2 Unscrew fastening screws ⇒ *Figure 3 -1-* on cover for roll-over protection system.
- 3.3 Unclip the cover and remove it by pulling it upwards ⇒ *Figure 3 -arrow-*.



Information

The seat belt mount does not have to be loosened when removing the rear side trim panel.

- 4 Remove rear side trim panels.
 - 4.1 Pull off door seal at the side trim panel.
 - 4.2 Unclip cover of three-point seat belt ⇒ *Figure 4 -1-* by pulling it forward out of the clips ⇒ *Figure 4 -2-* (⇒ *Figure 4 -arrow-*).

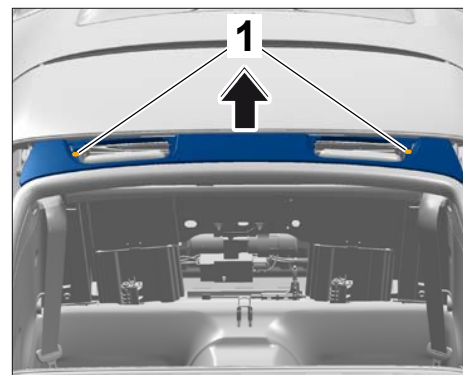


Figure 3

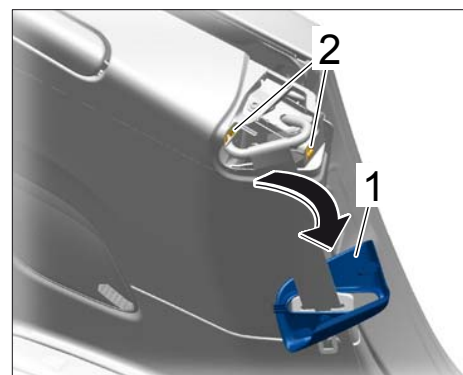


Figure 4

- 4.3 Unscrew fastening screw ⇒ *Figure 5 -1-* on the side trim panel ⇒ *Figure 5 -2-*.

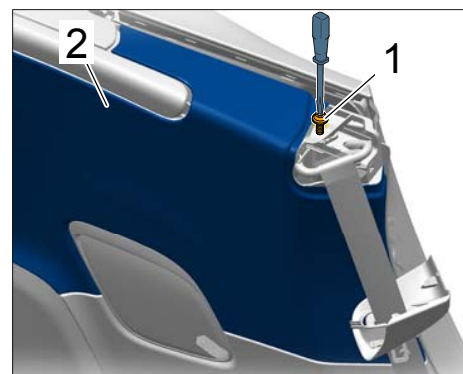


Figure 5

4.4 Unscrew locking pins ⇒ *Figure 6 -1-*.

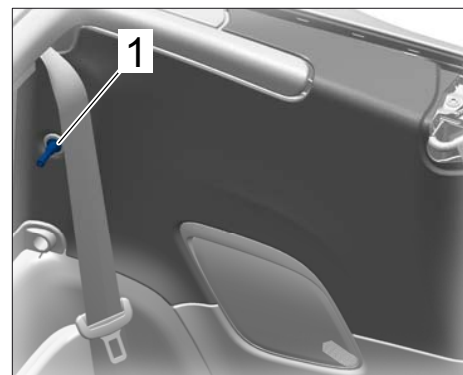


Figure 6

4.5 Unclip side trim panel ⇒ *Figure 7 -1-* at the top and pull it forward ⇒ *Figure 7 -arrow-* out of the guide.

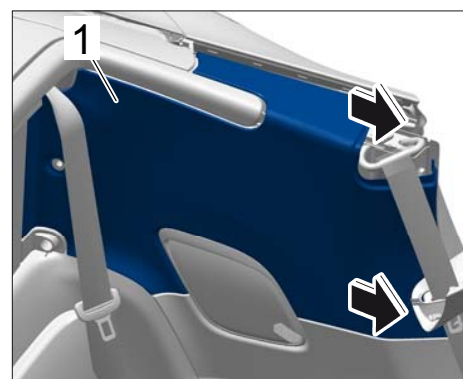


Figure 7

4.6 Disconnect electric plug connections ⇒ *Figure 8 -1-* at the loudspeaker.

4.7 Move side trim panel forward.

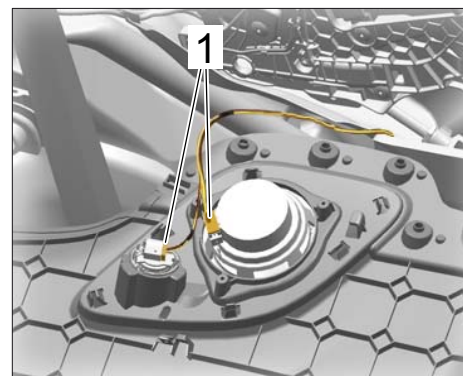


Figure 8

5 Remove wind deflector.

- 5.1 Unscrew fastening screws ⇒ *Figure 9 -1-* on mounting plate for side trim panel ⇒ *Figure 9 -2-*.

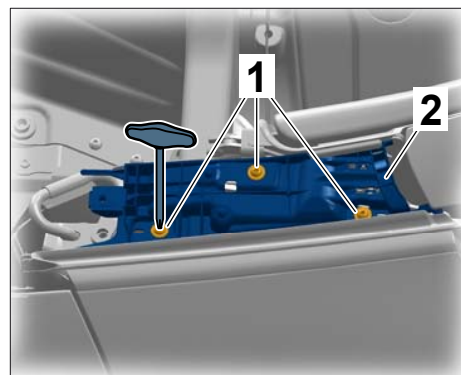


Figure 9

- 5.2 Disconnect electric plug connection for wind deflector drive ⇒ *Figure 10 -1-*.

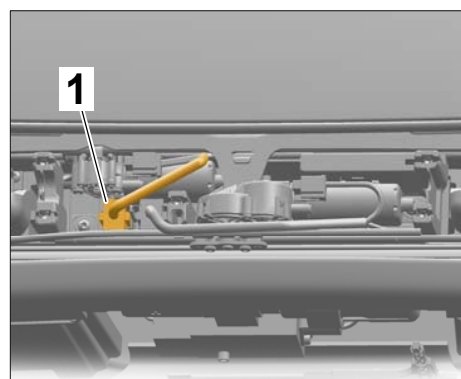


Figure 10

- 5.3 Unscrew fastening screws ⇒ *Figure 11 -1-* on the wind deflector ⇒ *Figure 11 -2-*.
- 5.4 Guide the wind deflector up out of the guide pins and remove it by pulling it forward.

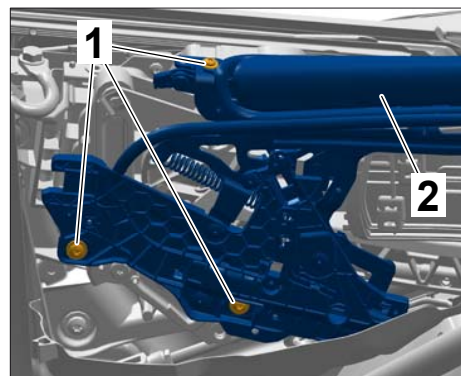


Figure 11

Procedure: **Rework the wind deflector.**

- 6 Remove pinion shaft for wind deflector drive.
 - 6.1 Unscrew fastening screws $\Rightarrow$ Figure 12 -1- and remove drive plate $\Rightarrow$ Figure 12 -2-.
 - 6.2 Pull pinion shaft $\Rightarrow$ Figure 12 -3- out of the drive tubing $\Rightarrow$ Figure 12 -4-.

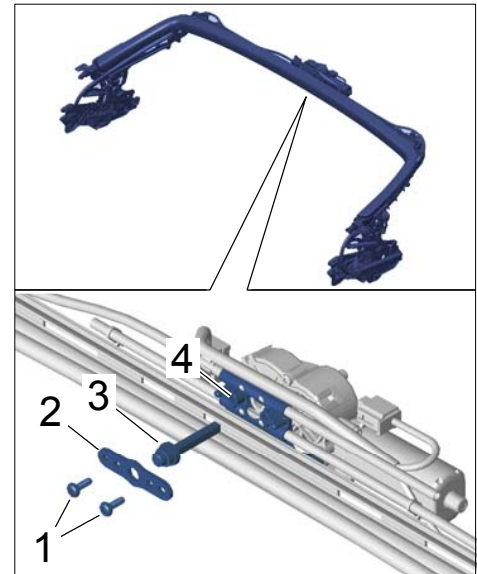


Figure 12

- 7 Grease drive shafts for wind deflector drive.
 - 7.1 Guide spray pipe of the spraying can into the opening at the point where the pinion shaft engages $\Rightarrow$ Figure 13 -arrow A- and spray the drive shafts as far as possible with **Super Fin** spray-on grease, Part No. **000.043.207.16**.
 - 7.2 Guide spray pipe of the spraying can into the openings at the tubing $\Rightarrow$ Figure 13 -arrows B- and spray the drive shafts as far as possible with spray-on grease.

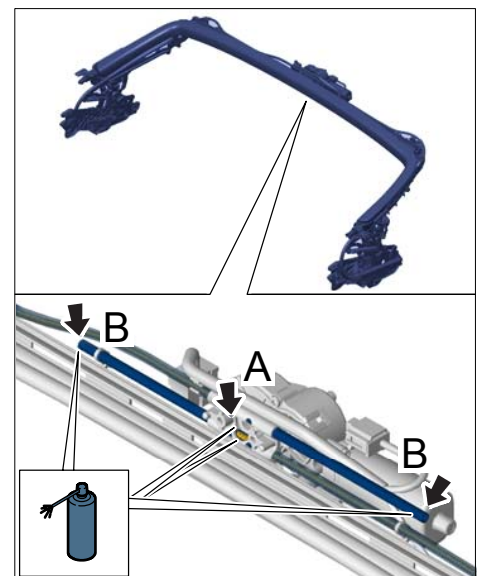


Figure 13

- 8 Grease the kinematic operating mechanism of the wind deflector.

Spray pivot points of the kinematic operating mechanism (8 on each side) at the left and right of the wind deflector with **Super Fin** spray-on grease ⇒ *Figure 14*.

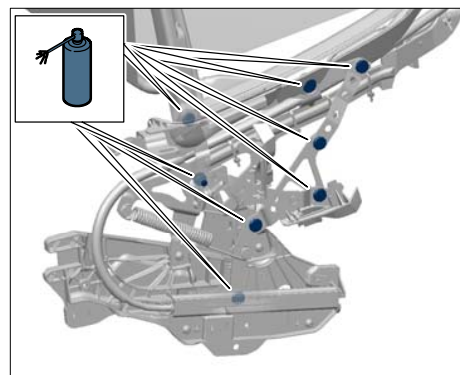
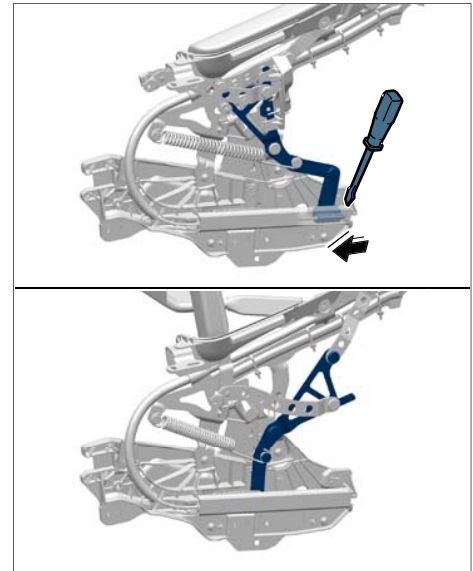


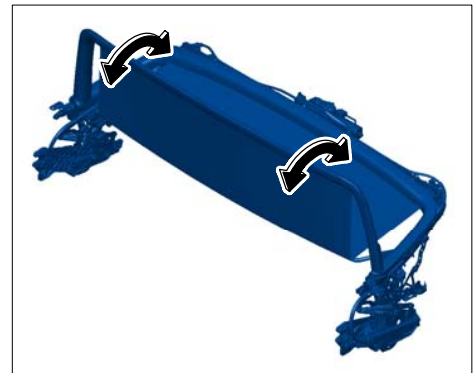
Figure 14

**Information**

When opening the wind deflector for the first time, get another person with a screwdriver to **carefully** press the guide rails at the left and right of the wind deflector forward **at the same time** and out of the limit stops ⇒ *Figure 15 -arrow-*.

*Figure 15*

- 9 Open and close the wind deflector 20 times by hand ⇒ *Figure 16 -arrows-*.
- 10 Repeat Steps 7 to 9 again.
- 11 Wipe off excess spray-on grease with a cloth.

*Figure 16*

- 12 Install pinion shaft for wind deflector drive.
 - 12.1 Move wind deflector by hand to its end position "wind deflector raised" (synchronous operation).
 - 12.2 Insert pinion shaft $\Rightarrow$ Figure 17 -3- as far as it will go into the drive tubing $\Rightarrow$ Figure 17 -4-.
 - 12.3 Position drive plate $\Rightarrow$ Figure 17 -2- on the tubing and secure with the fastening screws $\Rightarrow$ Figure 17 -1-.

Fastening screw for pinion shaft drive plate
Tightening torque 5 Nm (3.5 ftlb.)

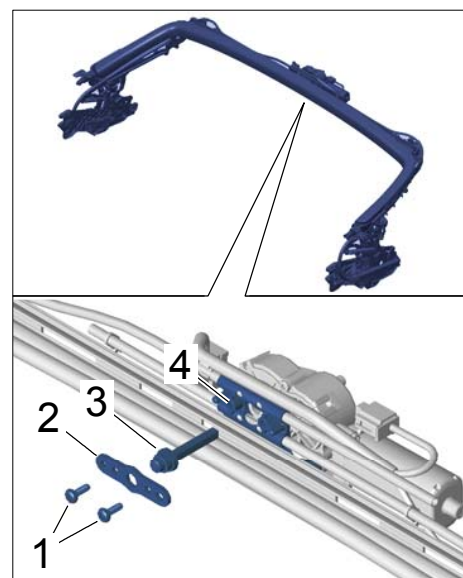


Figure 17

Procedure:

Subsequent work.

- 13 Install wind deflector.

Installation is performed in reverse order to removal.

Fastening screw for wind deflector **Tightening torque 10 Nm (7.5 ftlb.)**

Fastening screw securing mounting plate to side trim panel **Tightening torque 5.7 Nm (4 ftlb.) +/-0.5 Nm (+/-0.5 ftlb.)**
- 14 Carry out a function test on the wind deflector.
 - 14.1 Switch on ignition.
 - 14.2 Raise and lower the wind deflector by pressing the button in the centre console.
 - 14.3 Switch off ignition.
- 15 Install rear side trim panels.

Installation is performed in reverse order to removal.

Locking pins for seat backrest **Tightening torque 35 Nm (26ftlb.) +1 Nm (+0.5 ftlb.) -2 Nm (-1.5 ftlb.)**

Fastening screw securing side trim panel to B-pillar **Tightening torque 3 Nm (2 ftlb.) +/-0.2 Nm (+/-0.1 ftlb.)**
- 16 Install rear cover.

Installation is performed in reverse order to removal.

Fastening screw for cover for roll-over protection system **Tightening torque 3 Nm (2 ftlb.) +/-0.2 Nm (+/-0.1 ftlb.)**

- 17 Install trim panel for rear wall.
Installation is performed in reverse order to removal.
- 18 Close the convertible top fully.
- 19 Enter the campaign in the Warranty and Maintenance booklet.

Attachment "B": **Administrative Procedure** - Workshop Campaign WC40

Warranty claims should be submitted via WWS/PQIS.

Note: Open campaigns can be checked by using the PIWIS Vehicle Information link.

Labor, parts, and sublet will be automatically inserted when Technician is selected in WWS/PQIS.

Scope:



Information

The specified working time was determined specifically for carrying out this campaign and may differ from the working times published in the Labor Operation List in PIWIS.

Working time:

Reworking wind deflector

Labor time: **97 TU**

Includes:

- Opening and closing convertible top
- Removing and installing rear cover
- Removing and installing both rear side trim panels
- Removing and installing trim panel for rear wall
- Removing and installing wind deflector
- Performing function test on wind deflector

Parts required:

000.043.207.16	Teflon Spray can	0.02 ea. (= 6 ml)
	Super Fin long-life spray-on grease (available for order, June 4, 2012)	
	or	
	Würth HHS Lube, p/n Würth 0893 106	

Invoicing: ⇒ Damage code WC40 066 000 1

Reference: Per Porsche AG, this revised TI now includes all the instructions that are relevant for the rework of the wind deflector. There are no additional Workshop Manual references.

Important Notice: Porsche Cars N.A Technical Bulletins are intended for use by professional technicians, not a "Do-it-yourselfer." They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Special tools may be required to perform certain operations identified in these bulletins. Use of tools and procedures other than those recommended in these bulletins may be detrimental to the safe operation of your vehicle. Properly trained technicians have the equipment, tools, safety instructions and know-how to do a job properly and safely. If a condition is described, do not assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your Porsche Dealer for information on whether your vehicle may benefit from the information. Part numbers listed in these bulletins are for reference only. Always check with your authorized Porsche dealer to verify correct part numbers.

© Porsche Cars North America, Inc.

Dealership	Service Manager	_____	Shop Foreman	_____	Service Technician	_____	_____	_____	_____
Distribution	Asst. Manager	_____	Warranty Admin.	_____	Service Technician	_____	_____	_____	_____
Routing									

Dr. Ing. h.c. F. Porsche AG is the owner of numerous trademarks, both registered and unregistered, including without limitation the Porsche Crest®, Porsche®, Boxster®, Carrera®, Cayenne®, Cayman™, Panamera®, Tiptronic®, VarioCam®, PCM®, 911®, 4S®, FOUR, UNCOMPROMISED.® and the model numbers and distinctive shapes of Porsche's automobiles such as, the federally registered 911 and Boxster automobiles. The third party trademarks contained herein are the properties of their respective owners. Some vehicles may be shown with non-U.S. equipment. Porsche recommends seat belt usage and observance of traffic laws at all times.

Printed in the USA