

Cause of Fault in Power Distributor (in front left wire harness): Rework Required (21/14)

Model Line: **Panamera**

Model Year: **As of 2010 up to 2013**

Concerns: **Power distributor**

Information: **In the event of complaints relating to the overall power supply on the vehicle and if "Connections in power distributor corroded" is discovered as the cause of the fault, the cover on the power distributor (⇒ Figure 1) must be sealed using new sealant.**

Complaints can include various malfunctions in the vehicle electrics (fault in PCM, failure of power windows or similar problems) or various error messages displayed in the instrument cluster.

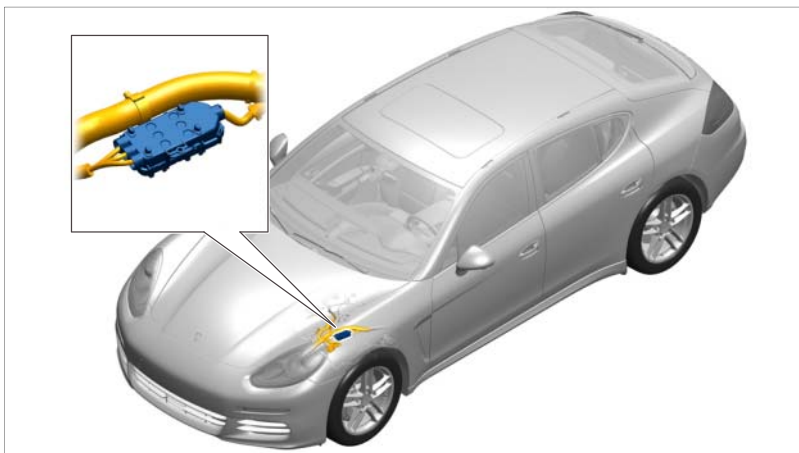


Figure 1

Date of Introduction: The cover on the power distributor has been sealed with Union cement during production since the end of August 2012.

Action Required: Clean corroded parts of the power distributor and seal the sealing face for the power distributor cover with "Union cement" sealant.

Parts Info: **000.043.209.38 – NEW** – ⇒ Union cement (Terostat – sealing adhesive)

Tools:

- Wire brush
- Clean cloth
- Isopropanol (commercially available)

- Work Procedure:
- 1 Disconnect the battery, see Workshop Manual ⇒ *Workshop Manual '2X00IN Work instructions after disconnecting the battery - section on "Disconnecting"*.
 - 2 **Remove rear part of front left wheel housing liner**, see Workshop Manual ⇒ *Workshop Manual '505619 Removing and installing front wheel housing liner - section on "Removing"*.
 - 3 Unscrew and remove fastening screw for the power distributor.
 - 4 Press power distributor towards the center of the vehicle, thereby removing it from the bracket.
 - 5 Unclip locking lugs on the cover of the power distributor.
 - 6 Unscrew and remove fastening nuts on the fuses.
 - 7 Clean corroded contacts using a wire brush.
 - 8 Secure the fuses again with the fastening nuts.
 - 9 Clean the sealing face with a clean cloth and isopropanol and remove any remaining bits of the old seal.
 - 10 Using the tube, apply a thin, but consistent bead of Union cement sealing adhesive over the entire sealing face (⇒ *Figure 2*).

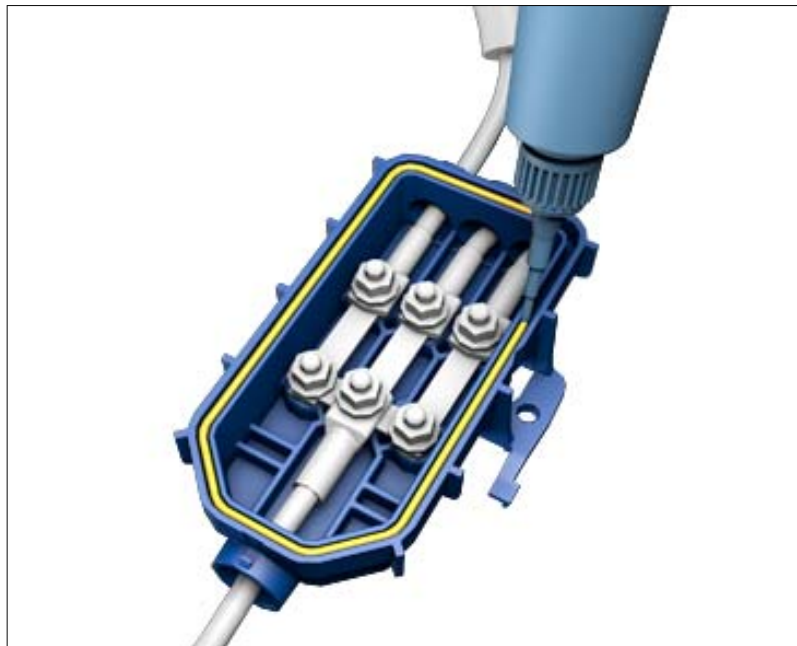


Figure 2

- 11 Install the cover for the power distributor evenly and clip it in.
- 12 Remove any excess Union cement that seeps out of the power distributor using a clean cloth.
- 13 Fit the power distributor into the bracket.
- 14 Screw in fastening screw for the power distributor.
- 15 Install rear part of front left wheel housing liner, see Workshop Manual ⇒ *Workshop Manual '505619 Removing and installing front wheel housing liner - section on "Installing"*.
- 16 Connect the battery, see Workshop Manual ⇒ *Workshop Manual '2X00IN Work instructions after disconnecting the battery - section on "Connecting"*.

End of action required.

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

- 97095140: Reworking sub-part of front left wire harness

For invoicing and documentation using PQIS, specify

- **"97090 – Sub-part of front left wire harness" as the fault location (FES5) and**
- **"3311 – Surface corrosion" as the damage category (SA4).**

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. If a particular condition is described, do not assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your authorized Porsche Dealer for the latest information about whether a particular technical bulletin applies to your vehicle. Part numbers listed in these bulletins are for reference only. Always check with your authorized Porsche dealer to verify the current and correct part numbers. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© Porsche Cars North America, Inc.

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

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®, Macan®, Panamera®, Speedster®, Spyder®, 918 Spyder®, Tiptronic®, VarioCam®, PCM®, PDK®, 911®, RS®, 4S®, FOUR, UNCOMPROMISED®, and the model numbers and the distinctive shapes of the Porsche automobiles such as, the federally registered 911 and Boxster automobiles. The third party trademarks contained herein are the properties of their respective owners. Porsche Cars North America, Inc. believes the specifications to be correct at the time of printing. Specifications, performance standards, standard equipment, options, and other elements shown are subject to change without notice. Some options may be unavailable when a car is built. Some vehicles may be shown with non-U.S. equipment. The information contained herein is for internal authorized Porsche dealer use only and cannot be copied or distributed. Porsche recommends seat belt usage and observance of traffic laws at all times.

Printed in the USA