

Installation of Wire Harness for Roof Power Supply (194/23)

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Vehicle Type: **Cayenne 9PA1**

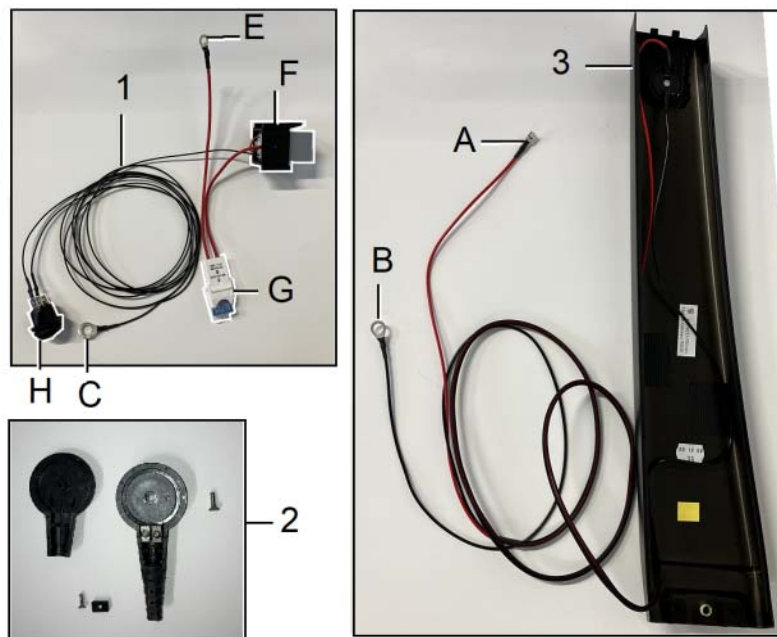
Model Year: **As of 2007**

Cause: Porsche Classic offers a special wire harness to operate possible consumers, such as auxiliary head-lights in the roof area.
This consists of a magnetic plug (outer area), a cover for the B-pillar and a wiring harness with relay and fuse.

Note: The system is designed for a maximum of 15 A!

Date of Introduction: from model year 2007–2010

Parts Info:



Overview of scope of delivery for wire harness

PCG.559.320.A Aluminium look wire harness

PCG.559.320.B Black wire harness

Items supplied:

Outer B-pillar cover ⇒ *Overview of scope of delivery for wire harness -3-*

Wiring harness 1 with switch, fuse and relay ⇒ *Overview of scope of delivery for wire harness -1-*

External magnetic plug 2 for consumers ⇒ *Overview of scope of delivery for wire harness -2-*

Relay with slot holder F ⇒ *Overview of scope of delivery for wire harness -F-*

Fuse G (15A) ⇒ *Overview of scope of delivery for wire harness -G-*

Switch H (seat cover) ⇒ *Overview of scope of delivery for wire harness -H-*

Ground cable B (2.5 mm² black) on the cover to ground point ⇒ *Overview of scope of delivery for wire harness -B-*

Ground cable C (0.5 mm² black) on wiring harness/switch to ground point ⇒ *Overview of scope of delivery for wire harness -C-*

Voltage cable A (2.5 mm² red) to relay ⇒ *Overview of scope of delivery for wire harness -A-*

Voltage cable E (2.5 mm² red) at terminal 30 ⇒ *Overview of scope of delivery for wire harness -E-*

Tool: Tapered drill (20.2 mm)

Preliminary Work: **Disconnect the battery!**

⇒ *Workshop Manual 'Removing and installing covers for pillars'*

⇒ *Workshop Manual 'Removing and installing door sill trim inner'*

⇒ *Workshop Manual 'Removing and installing front seat'*

⇒ *Workshop Manual 'Removing and installing front seat frame'*

Work

Procedure:

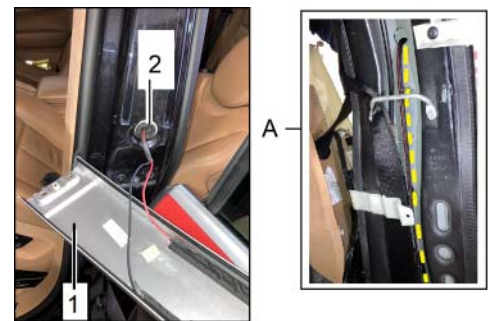
1 Assembly of cover (outer B-pillar)

Remove old outer B-pillar cover

Remove inner B-pillar trim panel

Insert cable through the rubber sleeve by carefully piercing the rubber sleeve ⇒ *Assembly of cover -2-*

Cable routing (yellow) view of inner B-pillar ⇒ *Assembly of cover -A-*



Assembly of cover

Turn lower plastic cover by 90° to screw the B-pillar cover ⇒ *Screw connection for B-pillar cover -1-*

2 Electric wiring

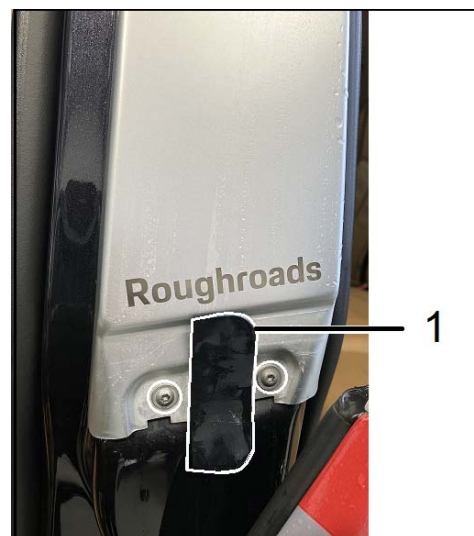
The installation position of the relay and fuse is located under the driver's seat

Ground cable C (black) to ground point B/C ⇒ *Wiring -C-* cable shown in graph black/white

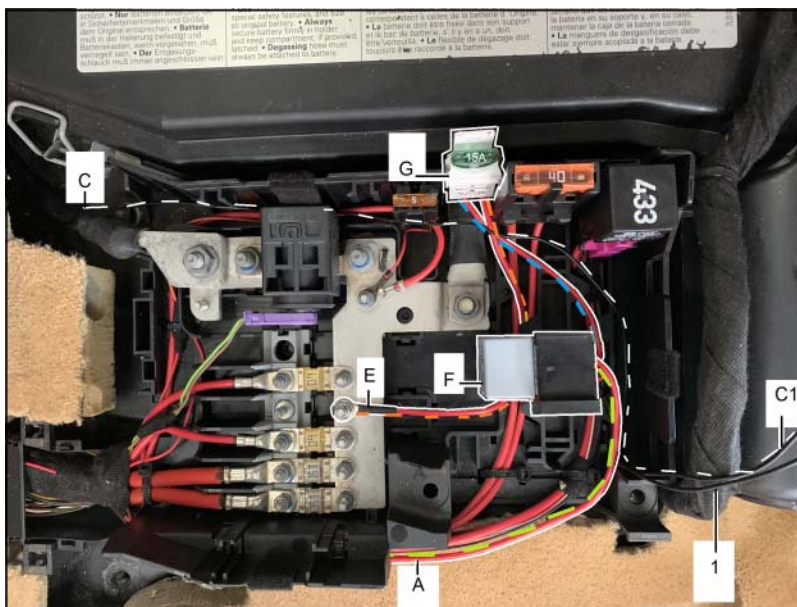
Plug voltage cable A into relay from cover coming ⇒ *Wiring -A-* cable shown in red/green graphic

Voltage cable E (terminal 30) for securing G ⇒ *Wiring -E-* cable shown in red/orange graphic

Connected cable black from switch to relay ⇒ *Wiring -1-*



Screw connection for B-pillar cover

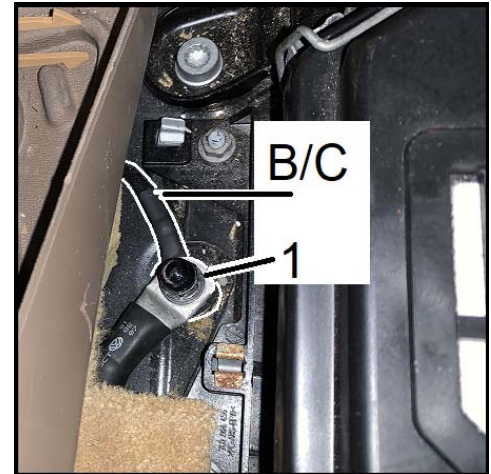


Wiring

3 Ground point B/C

The ground point \Rightarrow *Ground point B/C -1*-is located under the driver's seat cover on the right.

where the **ground cable B** (2.5 mm²) and the **ground cable C** (0.5 mm²) are fastened



Ground point B/C

4 Mounting switch

The switch is attached to the seat cover by carefully boring through the seat cover

Hole diameter: \varnothing 20.2 mm

5 Installation of magnetic plug

Connect cable (from consumer) to magnetic plug (not included)

A cable cross-section of at least 1.5 mm² is recommended

Observe polarity of the plug

Screw on strain relief \Rightarrow *Installation of magnetic plug -B-*

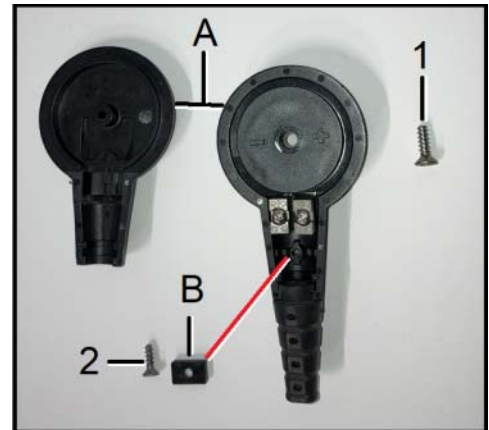
Fasten housing parts with screw \Rightarrow *Installation of magnetic plug -1-*



Switch position

Note: No voltage can be measured on the plug connection (side of the cover) when not contacted!

The installation of interior B-pillar cover, seat frame and seat takes place in reverse order



Installation of magnetic plug

Labor time: 97092343: Installing main wire harness

Labor time: **191 TU**

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