

Door Entry Guard, Illuminated

Revision: This bulletin replaces bulletin Group 6, #34/12, dated October 4, 2012.
- This bulletin was updated with ending model year "as of 2012 up to 2016".

Model Year: **As of 2012 up to 2016**

Concern: **Retrofitting**

Information: The illuminated door entry guards made of carbon-fiber composite or stainless steel are installed in the door sill areas.



Parts Info: **991.044.80X.XX¹** ⇒ Carbon/stainless-steel door entry guard with "model designation", set

¹ For details of model designations available, see Porsche Electronic Parts Catalog – PET.

Parts List: 911 Carrera S, for example.



Figure 2

| | | |
|----------------|------|--|
| — — — | 6 x | Adhesive pads \Rightarrow Figure 2-1- |
| 999.141.047.01 | 4 x | Torx screw, M10 x 28 (for securing seat) \Rightarrow Figure 2-2- |
| — — — | 1 x | Wire harness \Rightarrow Figure 2-3- |
| — — — | 1 x | Plug socket with anti-rattle element \Rightarrow Figure 2-4- |
| — — — | 1 x | Door entry guard, right \Rightarrow Figure 2-5- |
| — — — | 1 x | Door entry guard, left \Rightarrow Figure 2-6- |
| — — — | 20 x | Tie-wrap (not shown) |

Materials: — — — — Cleaning agent (commercially available)
 — — — — Wrapping tape/insulating tape

Tools: **9818 - PIWIS Tester II**

WE1119 - Hot-air blower, Leister-Electron/V.A.G. 1416

Work Procedure: 1 Preparatory work.

- 1.1 Connect a battery charger. \Rightarrow *Workshop Manual '2X00IN Battery trickle charging'*
- 1.2 Remove inner door sill trim on the left and right. \Rightarrow *Workshop Manual '680519 Removing and installing inner door sill trim'*
- 1.3 Remove left front seat. \Rightarrow *Workshop Manual '720119 Removing and installing front seat'*
- 1.4 Cut the carpet along the perforation using a carpet knife and fold it up.
- 1.5 **Only for the Cabriolet:**
Remove reinforcement plate.

1.5.1 Unscrew screws \Rightarrow Figure 3-1- and M6 hexagon nut \Rightarrow Figure 3-2-.
Remove reinforcement plate \Rightarrow Figure 3-3-.

1.6 Remove rear-end electronics control unit. \Rightarrow *Workshop Manual '578919 Removing and installing control unit for rear-end electronics'*

1.7 Remove inner cover strip on the left and right. \Rightarrow *Workshop Manual '680719 Removing and installing cover strip'*

1.8 Remove front side-section trim panel on the left and right. \Rightarrow *Workshop Manual '702419 Removing and installing front side-section trim panel'*

1.9 Remove cover (cold air bulkhead). \Rightarrow *Workshop Manual '702219 Removing and installing cover (cold air bulkhead)'*

1.10 Unclip carpet on the driver's side and passenger's side \Rightarrow Figure 4-2- at the door sill support \Rightarrow Figure 4-3-.

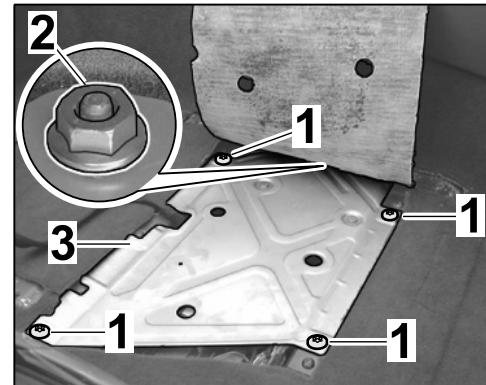


Figure 3

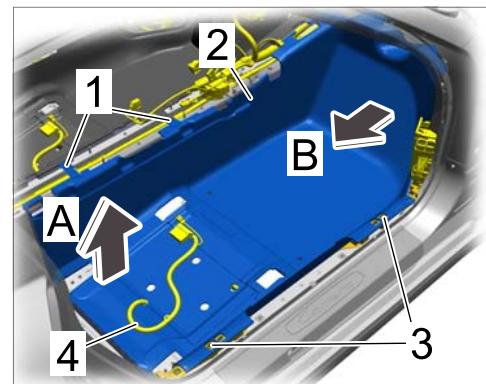


Figure 4

1.11 Unscrew screws \Rightarrow Figure 5-2- from the door sill support \Rightarrow Figure 5-1- on the left and right (shown on the 981).

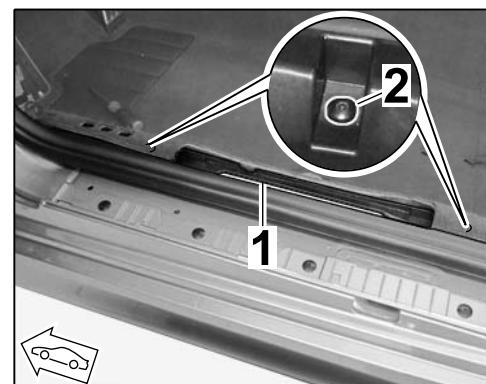


Figure 5

- 1.12 Screw off fastening nut \Rightarrow Figure 6-2- on the wire harness cover \Rightarrow Figure 6-3- at the right.
- 2 Install electric wire harness.
 - 2.1 Secure electric wire harness (end of line without plug socket) to auxiliary line.
 - 2.2 Route electric wire harness as follows:
Rear-end electronics control unit position \rightarrow main wire harness in passenger compartment at the left \rightarrow along main wire harness to firewall \rightarrow main wire harness in passenger compartment at the right
 - 2.2.1 Route electric wire harness from rear-end electronics control unit position, along main wire harness in passenger compartment at the left \Rightarrow Figure 7-1- (shown on the 981).

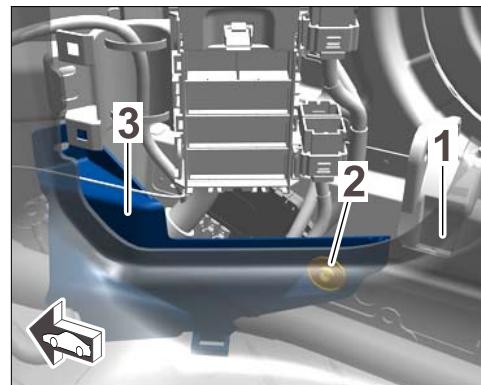


Figure 6



Figure 7

2.2.2 Route electric wire harness \Rightarrow
Figure 8-1- through the wiring duct
 \Rightarrow *Figure 8-2-*.

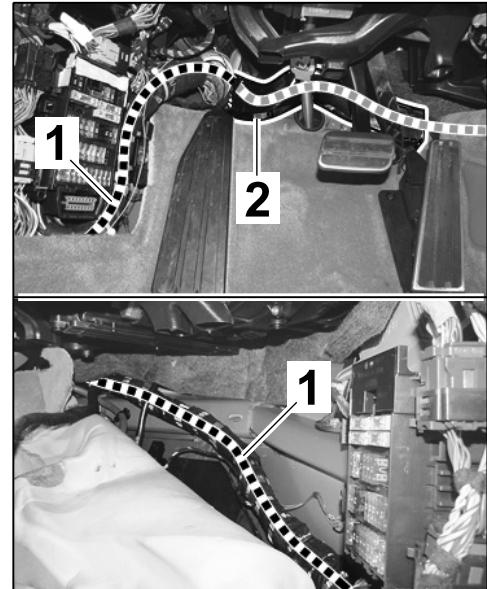


Figure 8

2.2.3 Route electric wire harness \Rightarrow
Figure 9-1- along the standard
main wire harness in the passenger
compartment at the right.

2.3 Assemble electric wire harness at the right.

2.3.1 Remove auxiliary line from electric
wire harness.

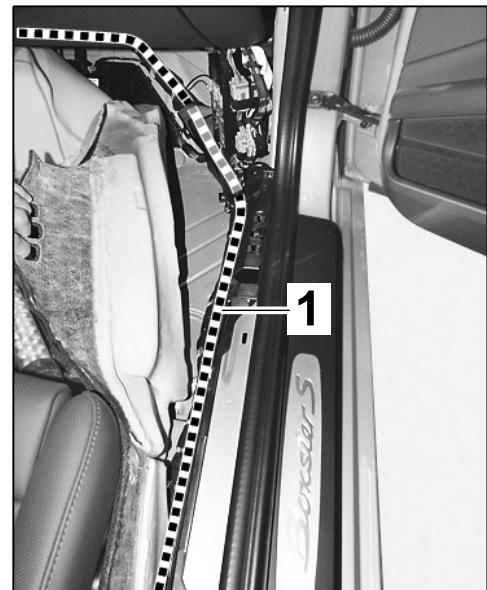


Figure 9

2.3.2 Insert a screwdriver in between the plug socket \Rightarrow Figure 10-1- and secondary lock \Rightarrow Figure 10-2- (\Rightarrow Figure 10-arrow a-) and release secondary lock \Rightarrow Figure 10-arrow b-.

Remove secondary lock.

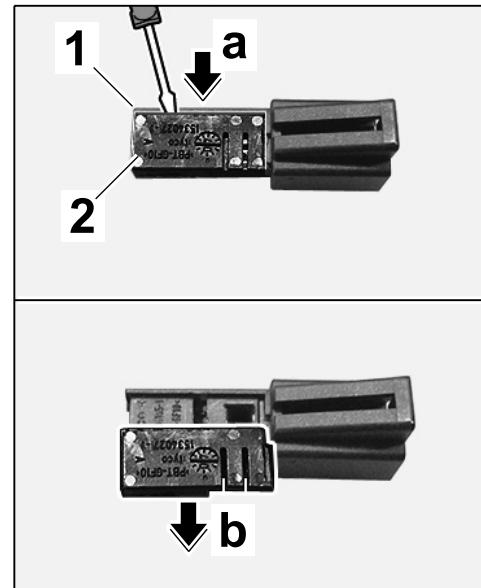


Figure 10



Information

Ensure socket contact is seated securely.

2.3.3 Insert socket contact of BN line \Rightarrow Figure 11-2- into chamber 2.
Insert socket contact of GY/YE line \Rightarrow Figure 11-1- into chamber 1.

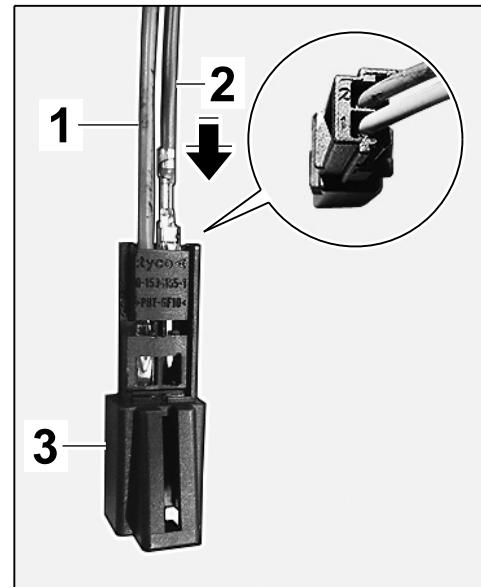


Figure 11

2.3.4 Fit secondary lock and lock it ⇒ *Figure 12-arrow-*.

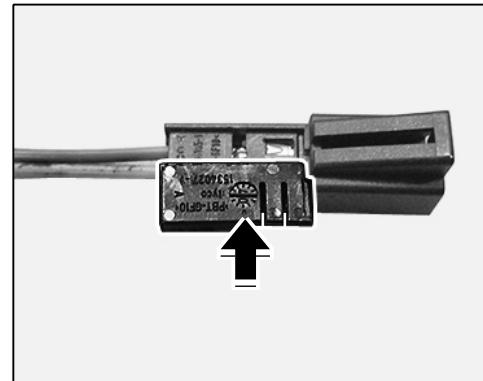


Figure 12

2.3.5 Secure anti-rattle element ⇒ *Figure 13-1-* to the wire harness ⇒ *Figure 13-2-* with wrapping tape/insulating tape.

2.4 Connect RD line to rear-end electronics control unit.

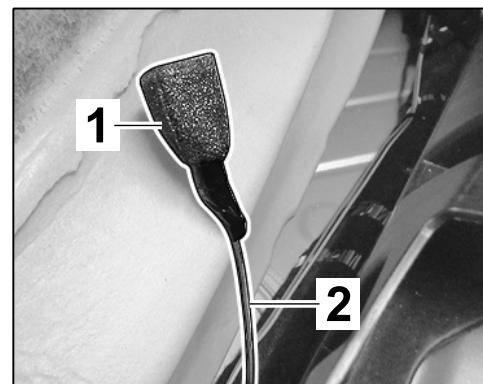


Figure 13

2.4.1 Open locking mechanisms ⇒ *Figure 14-1-* and slide both plug sockets ⇒ *Figure 14-arrows-* out of the blue plug carrier.

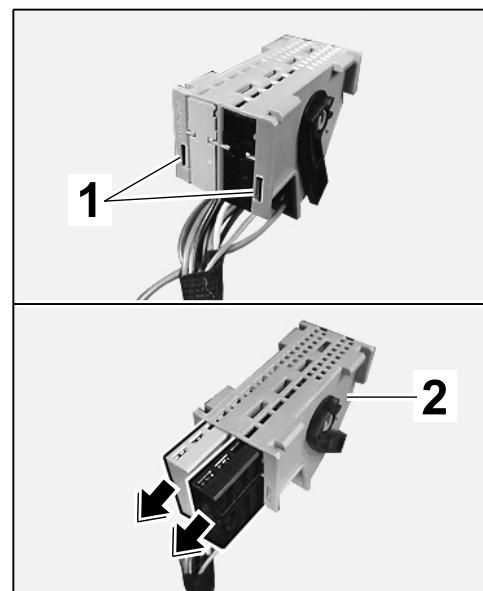


Figure 14

**Information**

Ensure socket contact is seated securely.

- 2.4.2 Insert socket contact \Rightarrow Figure 15 -1- into chamber A37 of the black plug socket.
- 2.4.3 Slide both plug sockets into the plug carrier until the locking mechanisms engage.

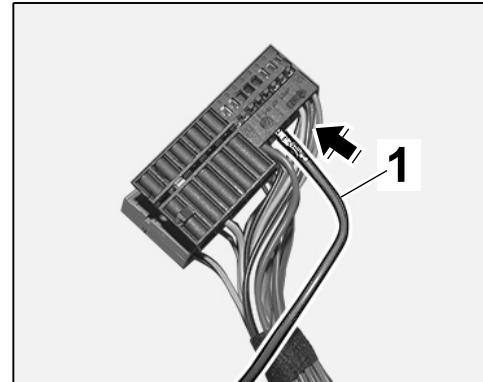


Figure 15

- 2.5 Connect cable ring eyelet (BN ground strap) to ground point MB 6 \Rightarrow Figure 16 -arrow-.
Tightening torque 9 Nm (6.5ftlb).
- 2.6 Secure electric wire harness to the standard wire harness with a tie-wrap.

**Information**

Some of the repair illustrations show only one side of the vehicle. Naturally, some steps also have to be performed on the opposite side of the vehicle as well. These must be carried out as a mirror image of the steps shown.

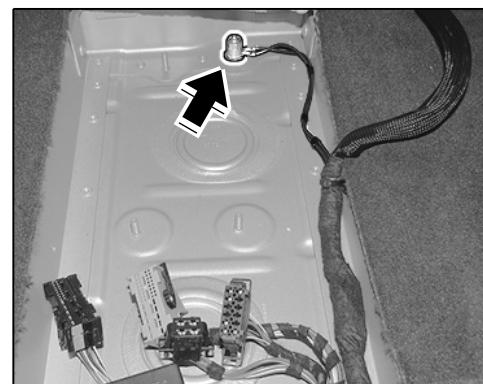


Figure 16

- 3 Install illuminated door entry guards (cover strip) on the inner left and right.
 - 3.1 Pull rubber door seal (piping) out of the body close to the cover strip.
 - 3.2 Install illuminated door entry guard (cover strip). \Rightarrow *Workshop Manual '680719 Removing and installing cover strip'*

3.3 To protect the flat conductor path on the body flange \Rightarrow Figure 17-1-, stick wrapping tape/insulating tape \Rightarrow Figure 17-arrow-around the body flange.

2 – Illuminated door entry guard (cover strip)
 3 – Flat conductor path

3.4 Secure flat conductor path (left side).

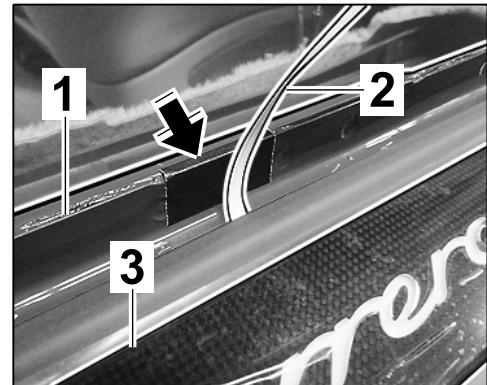


Figure 17

3.4.1 Route flat conductor path \Rightarrow Figure 18-1- behind the door sill support \Rightarrow Figure 18-2-.

3.4.2 Connect plug connection \Rightarrow Figure 18-3-.

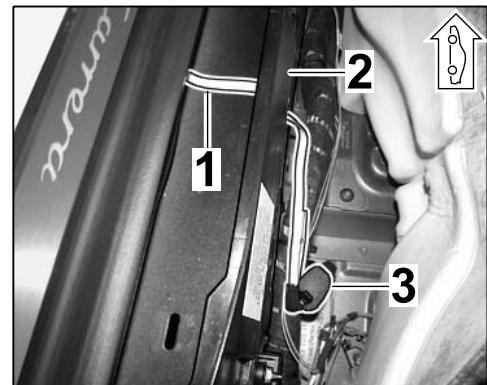


Figure 18

3.4.3 Clean the adhesive pad bonding area on the body \Rightarrow Figure 19-1- using commercially available cleaning agents to remove any dust and grease.

3.4.4 Secure flat conductor path to the body with an adhesive pad.

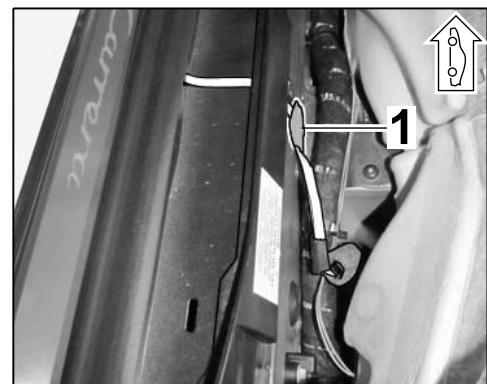


Figure 19

3.5 Secure flat conductor path (right side).
Route flat conductor path \Rightarrow Figure 20-1- behind the door sill support \Rightarrow Figure 20-2-.
3.5.1 Connect plug connection \Rightarrow Figure 20-3-.
3.5.2 Clean the adhesive pad bonding area on the body \Rightarrow Figure 20-4- using commercially available cleaning agents to remove any dust and grease.
3.5.3 Secure flat conductor path to the body with an adhesive pad.

3.6 Attach rubber door seal (piping) in the illuminated door entry guard (cover strip) area.

4 Pull protective film off the illuminated door entry guards (cover strips).
5 Concluding work.
5.1 Screw on fastening nut \Rightarrow Figure 21-2- on the wire harness cover \Rightarrow Figure 21-3- at the right.

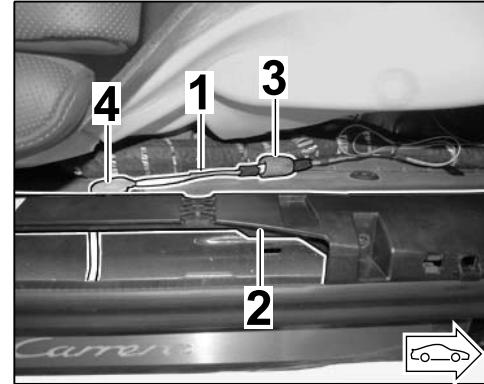


Figure 20

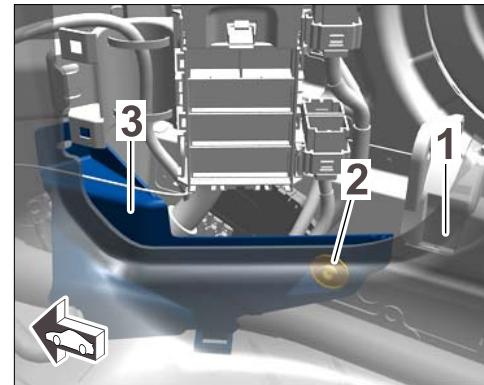


Figure 21

5.2 Screw on and tighten screws \Rightarrow Figure 22-2- on the door sill support \Rightarrow Figure 22-1- at the left and right (shown on the 981).

5.3 Clip carpet into holder on the driver's side and passenger's side.

5.4 Install rear-end electronics control unit. \Rightarrow *Workshop Manual '578919 Removing and installing control unit for rear-end electronics'*

5.5 **Only** for the Cabriolet:
Install reinforcement plate.

5.5.1 Position reinforcement plate \Rightarrow Figure 23-3-.
Screw in and tighten screws \Rightarrow Figure 23-1- and M6 hexagon nut \Rightarrow Figure 23-2-.

5.5.2 Fold down the carpet.

5.6 Install front side-section trim panel on the left and right. \Rightarrow *Workshop Manual '702419 Removing and installing front side-section trim panel'*

5.7 Install cover (cold air bulkhead). \Rightarrow *Workshop Manual '702219 Removing and installing cover (cold air bulkhead)'*

5.8 Install left front seat. \Rightarrow *Workshop Manual '720119 Removing and installing front seat'*

5.9 Install inner door sill trim on the left and right. \Rightarrow *Workshop Manual '680519 Removing and installing inner door sill trim'*

5.10 Read out the fault memories of all systems, work through any existing faults and erase the fault memories. \Rightarrow *Workshop Manual '033500 Fault memory for on-board diagnosis'*

5.11 Disconnect the battery charger. \Rightarrow *Workshop Manual '2X00IN Battery trickle charging'*

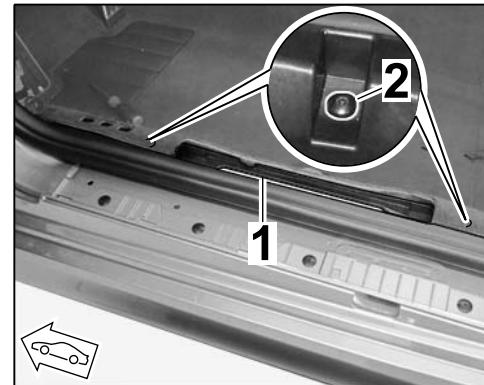


Figure 22

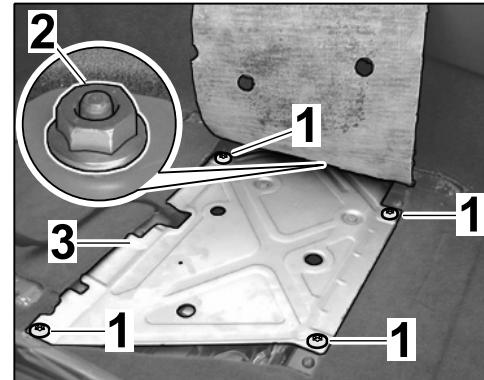


Figure 23

6**911 (991)**
6807 ENU 34/12

Installation and Conversion Instructions

Working time: 68073200: Installing illuminated door entry guard

Labor time: **210 TU**

Includes: Installing electric wire harness, removing and installing left front seat and cover strips.

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