

Rear Footwell Lighting

Vehicle Type: **911 (991) Gen. II**

Model Year: **As of 2017**

Information: **Retrofitting**

Note: Rear footwell lighting comprises two LED footwell lights. The LED footwell lights are installed in the footwell of the left and right rear seat.

We recommend that you use rear footwell lighting in conjunction with the light design package (I-no. 630).



Parts Info: **991.044.900.25** ⇒ Rear footwell lighting, set

Parts List:	— — —	1 x	Wire harness ⇒ <i>Figure 2-1-</i>
	991.632.133.00	2 x	LED footwell light ⇒ <i>Figure 2-2-</i>

2.1 Make a template out of cardboard or stiff paper. Dimensions are given in millimeters.

- 1 – Lower edge of template
- 2 – Axis of symmetry

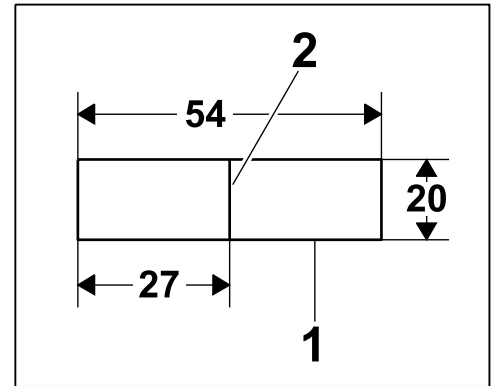


Figure 3

2.2 Stick adhesive tape (approx. 5 x 15 cm) ⇒ *Figure 4-1* close to the latest cut-out on the carpet.

- X – 13 cm
- Y – 17 cm

2.3 Mark cut-out for LED footwell light.

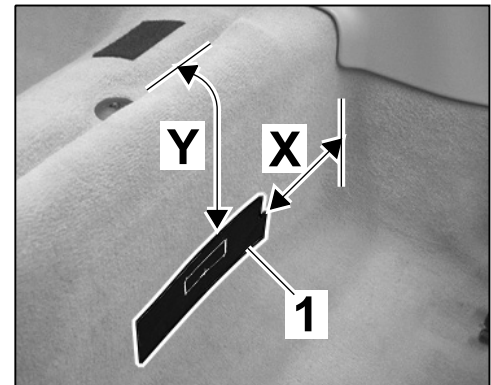


Figure 4

2.3.1 Place measuring tape at the edge of the carpet ⇒ *Figure 5* -arrow-.

- 1 – Fixing clip for carpet

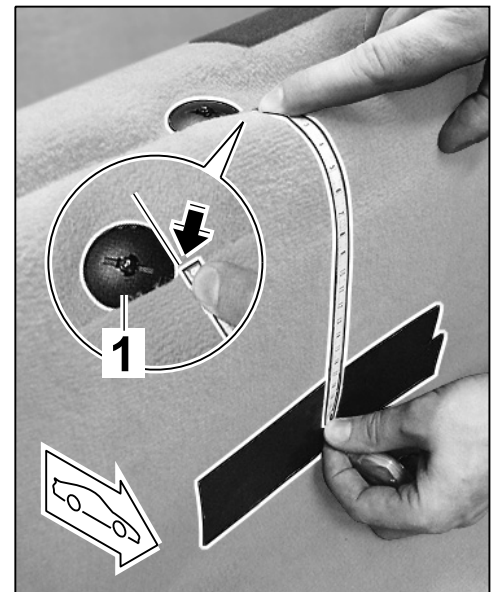


Figure 5

2.3.2 Draw base line \Rightarrow *Figure 6-1-*.

x – 21 cm

Draw center line \Rightarrow *Figure 6-2-* at a right angle to the base line.

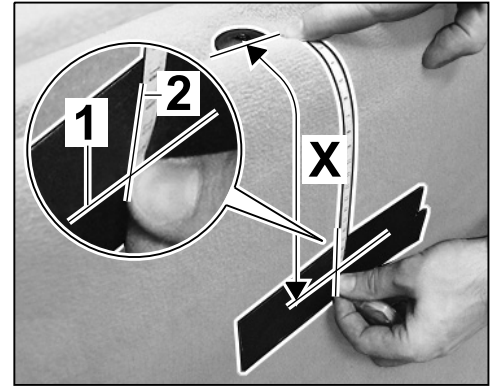


Figure 6

2.4 Position lower edge of the template at the base line \Rightarrow *Figure 7-1-* and align it.

The axis of symmetry of the template \Rightarrow *Figure 7-3-* is in line with the center line \Rightarrow *Figure 7-2-*.

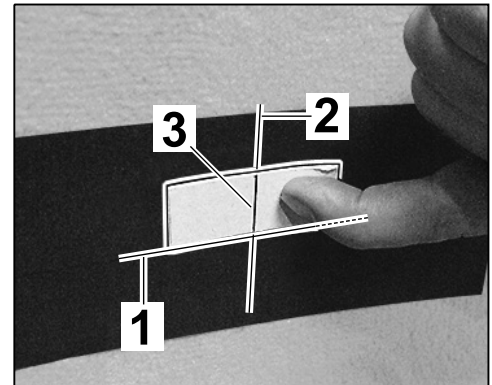


Figure 7

2.5 Copy the contour of the cut-out for the LED footwell light \Rightarrow *Figure 8-1-* onto the adhesive tape.

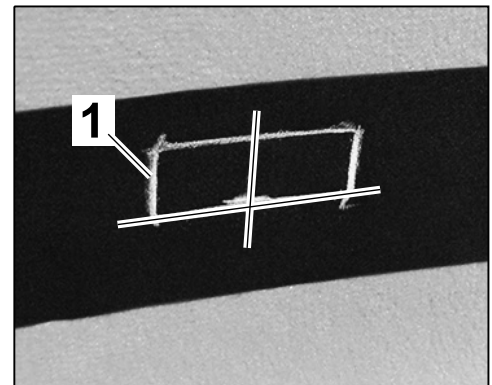


Figure 8



Information

To avoid damaging the wire harness (Fig. 9 -1-), pull the carpet forward (Fig. 9 -arrow-).

- 2.6 Cut out cut-out for LED footwell light using a carpet knife.

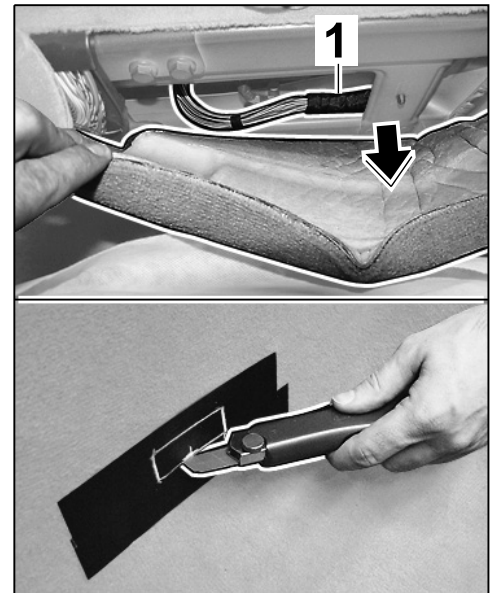


Figure 9



Risk of short circuit and fire

- due to work on the vehicle electrical system.
- ⇒ When working on the electrical system, the battery must always be disconnected and covered.
- ⇒ Always route the electrical wires without tension and so that no chafing occurs and secure to existing wires/components with tie-wraps/electrical tape.

- 3 Install electric wire harness.

- 3.1 Disconnect negative cable from the battery. ⇒ *Workshop Manual '270619 Removing and installing battery'*

- 3.2 Route electric wire harness ⇒ *Figure 10-1-* as follows:
Rear seat cushion position → under rear oddments tray → center console → front footwell light at passenger's side

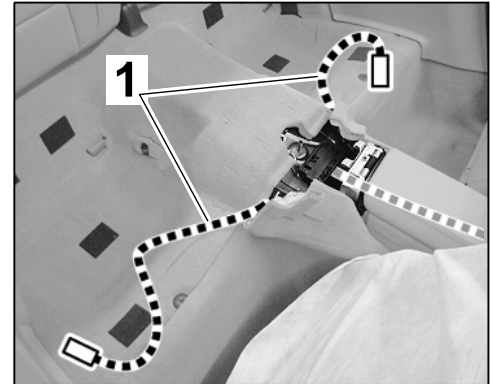


Figure 10

- 3.2.1 Secure wire harness to an auxiliary line ⇒ *Figure 11-1-* and guide it under the oddments tray ⇒ *Figure 11-arrow-*.

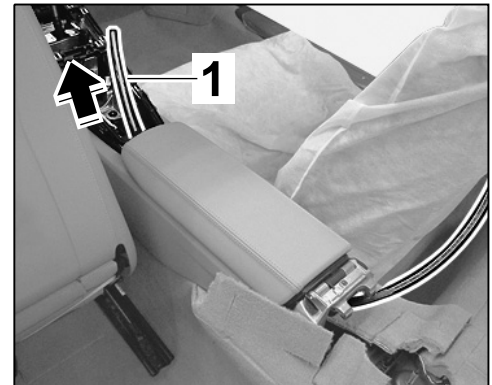


Figure 11

- 3.2.2 Route wire harness ⇒ *Figure 12-1-* along the standard wire harness for the center console.

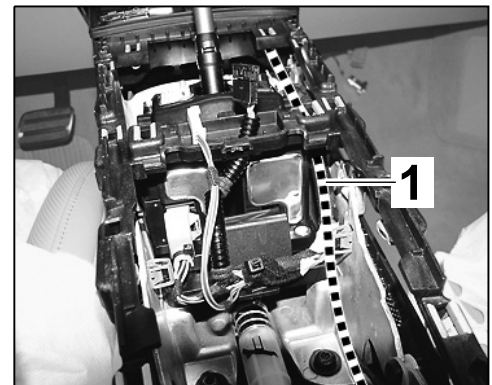


Figure 12

3.2.3 Route wire harness to front footwell light on passenger's side.

- 1 - Wire harness
- 2 - Front footwell light on passenger's side

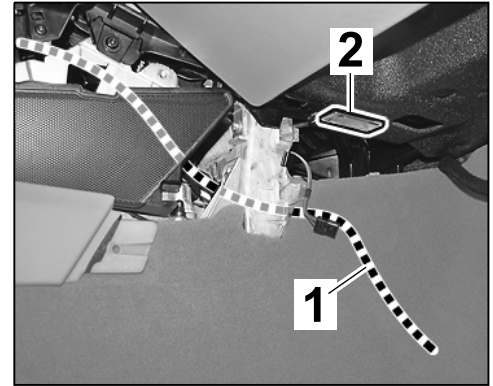


Figure 13

3.2.4 Secure wire harness ⇒ Figure 14 -1- to the body with adhesive tape ⇒ Figure 14 -arrow-.

Using a tie-wrap, fasten the wire harness to the shift cable boot ⇒ Figure 14 -2-.

3.3 Connect wire harness.

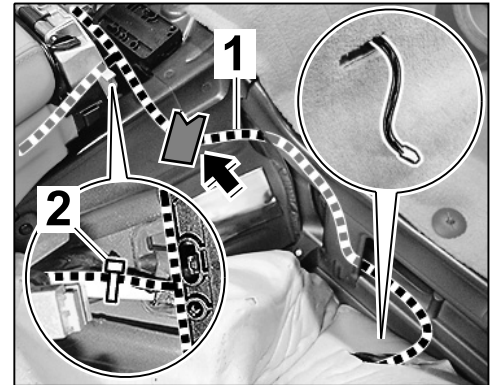


Figure 14

3.3.1 Pull wire harness back from front footwell light on passenger's side ⇒ Figure 15 -arrow-.



Figure 15

- 3.3.2 Crimp RD/BK line from front footwell light on passenger's side and RD/BK line from the retrofit kit together using an insulated cable connection ⇒ *Figure 16 -arrow-*.

Wrap insulating tape around the lines.

- 3.3.3 Crimp BN line from front footwell light on passenger's side and BN line from the retrofit kit together using an insulated cable connection.

Wrap insulating tape around the lines.

- 3.3.4 Pull wire harness from front footwell light on passenger's side back again ⇒ *Figure 17 -arrow-*.

- 3.4 Fit LED footwell light.

- 3.4.1 Plug in connectors on the LED footwell light until the connectors engage securely.

- 3.4.2 Carefully press LED footwell light into the carpet.

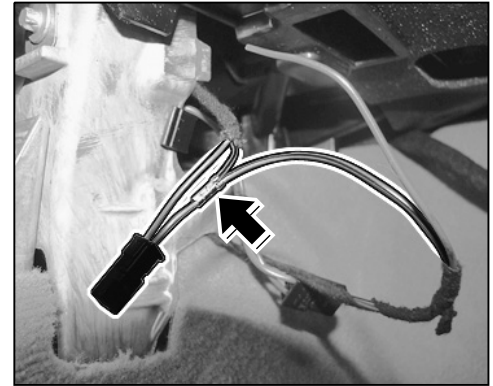


Figure 16



Figure 17

- 4 Concluding work

- 4.1 Install seat cushion. ⇒ *Workshop Manual '745719 Removing and installing rear seat cushion'*
- 4.2 Install ashtray. ⇒ *Workshop Manual '682019 Removing and installing front ashtray - section on "Removing"'*
- 4.3 Install air conditioning control. ⇒ *Workshop Manual '870219 Removing and installing front air conditioning control - section on "Removing"'*
- 4.4 Install switch console. ⇒ *Workshop Manual '962719 Removing and installing switch console'*
- 4.5 **Only** for vehicles with PDK.
- 4.5.1 Install selector knob. ⇒ *Workshop Manual '370419 Removing and installing selector knob'*
- 4.5.2 Install upper part of cover for PDK. ⇒ *Workshop Manual '681919 Removing and installing cover for centre console'*

- 4.6 Install shift-lever knob. ⇒ *Workshop Manual '340419 Removing and installing shift-lever knob'*
- 4.7 Install lower part of center console cover. ⇒ *Workshop Manual '681919 Removing and installing cover for centre console'*
- 4.8 Connect negative cable from the battery. ⇒ *Workshop Manual '270619 Removing and installing battery'*
- 4.9 Read out the fault memory of all systems, work through any existing faults, and erase the fault memory. ⇒ *Workshop Manual '033500 Fault memory for on-board diagnosis'*
- 4.10 Disconnect battery charger. ⇒ *Workshop Manual '2X00IN Battery trickle charging'*

Working Time: 96153100 Installing rear footwell lighting.
Includes:

Labor time: **170 TU**

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