

**WLB3 - Replacing Ground Point for External Power Connection (Workshop Campaign)**

Model line: **Taycan (Y1A)**

Model Year: **2020**

Subject: **Ground point for external power connection**

Information: **A ground screw for the external power connection that has too much specific resistance due to its surface condition was installed on the affected vehicles.**

As a result, the vehicle electrical system battery cannot be sufficiently charged due to the excessive contact resistance between the terminal clamp and ground screw.

Remedial Action: Replace ground screw for external power connection with a double screw and contact pin with an optimized surface.

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information). There are 577 vehicles affected by this campaign in North America.

**Parts required**

Parts Info:	Part No.	Designation - Use	Qty.
	PAF107817	⇒ Double screw, M8 x 18 - M6 x 10	1 ea.
	4F0972501	⇒ Contact pin	1 ea.

**Required tools**

- Tools:
- Torque wrench, 6 – 50 Nm (4.5 – 37 ftlb.), e.g. **V.A.G. 1331A Torque wrench 6-50 Nm (4.5-37 ftlb.)**

**Replacing ground screw for external power connection**

Work Procedure: 1 Remove plenum panel cover ⇒ *Workshop Manual '85221901 Removing and installing (front) plenum panel cover'*.

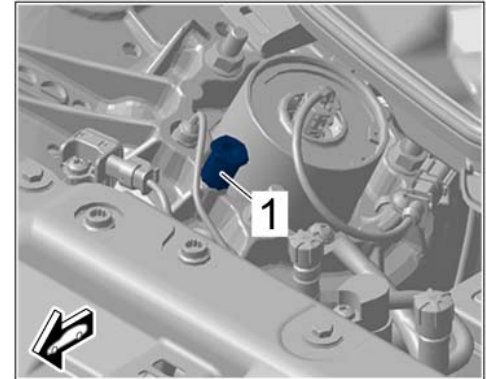
2 Loosen and unscrew old ground screw ⇒ *Removing ground screw-1-*.



Do not create stress or damages to the plastic pneumatic line for the right front air shock assembly during the replacement procedure!

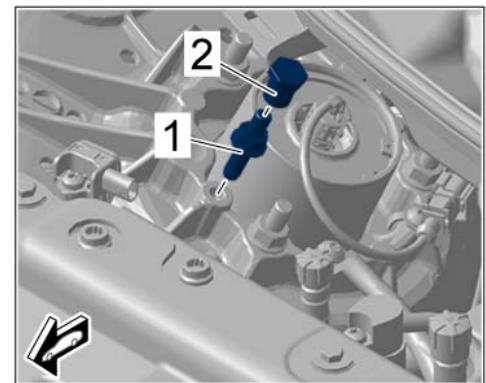
**CAUTION**

Do not allow the plastic pneumatic line for the right front shock assembly to be in contact with the charge post, or the external charger cable clamp, during any 12 Volt Battery charging operations. The normal subsequent heat generated at this charge point connection can permanently damage the plastic pneumatic line.



*Removing ground screw*

- 3 Screw in M8 threaded piece of the double screw  
⇒ *Installing double screw and contact pin -1-* and tighten using **V.A.G 1331A Mechanical torque wrench, 6-50 Nm (4.5-37 ftlb.)**.  
**Tightening torque 20 Nm (15 ftlb.)**



*Installing double screw and contact pin*

Part No.	Designation	Qty.
PAF107817	Double screw, M8	1 ea.

- 4 Install contact pin ⇒ *Installing double screw and contact pin -2-* on double screw ⇒ *Installing double screw and contact pin -1-*, screw it on and tighten using **V.A.G 1331A Mechanical torque wrench, 6-50 Nm (4.5-37 ftlb.)**.  
**Tightening torque 8 Nm (6 ftlb.)**

Part No.	Designation	Qty.
4F0972501	Contact pin	1 ea.

- 5 Install plenum panel cover ⇒ *Workshop Manual '85221901 Removing and installing (front) plenum panel cover'*.
- 6 Enter the campaign in the Warranty and Maintenance booklet.

**Warranty processing**



**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 the PCSS.

Scope:

<b>Working time:</b>	
Replacing ground point for external power connection	Labor time: <b>85 TU</b>
Includes: Removing and installing plenum panel cover	
<b>Parts required:</b>	
PAF107817	Double screw 1 ea.
4F0972501	Contact pin 1 ea.
⇒ <b>Damage Code WLB3 066 000 2</b>	

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