

**Taycan: Vehicle Unlocks Itself Immediately After Locking with Comfort Access**

**Vehicles Affected**

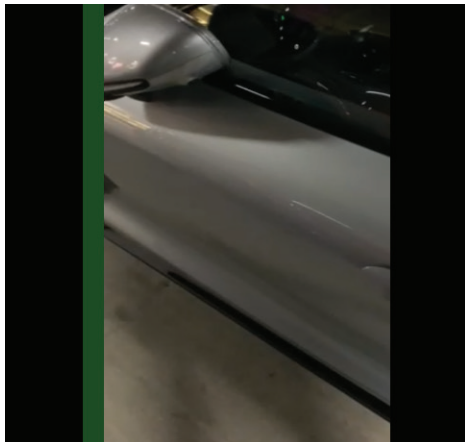
Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Taycan	2022	Y1A/ Y1B/ Y1C	N/A	N/A

**Revision History**

Revision	Release Date	Changes
0	May 5, 2022	Original document
1	May 6, 2022	Update of Technical Background

**Condition**

Customer states that the vehicle locks itself immediately after locking via the Comfort Access feature (see Figure 1). This is sometimes possible with both the front and rear door handles. Proper function of the system may be possible after at least one additional attempt to lock the vehicle.

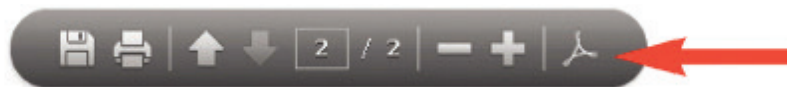


**Figure 1: Vehicle Locking After Unlocking**

**Area of Occurrence**

- 5711 – Front Door Handle
- 5811 – Rear Door Handle

To open the video file, download the pdf and click on the paperclip icon to the left of your Adobe Acrobat window. If the paperclip is not visible, pass your mouse pointer over the lower part of the Acrobat window and the Acrobat toolbar should appear as seen below. Click on the Acrobat icon on the far right to access the paperclip, then click on the paperclip to open the attachment.



**Technical Background**

This issue may be caused by the incorrect positioning of the printed circuit board (PCB) inside the door handle body. An incorrect position of the PCB may cause the door handle to continuously transmit unlocking requests after locking the vehicle via the touch sensor on the outside of the handle.

The current countermeasures will optimize the manufacturing process of inserting the PCB into the door handle body, as well as further software optimization for enhanced signal filtering. As of May 5, 2022, both of these countermeasures are expected by the end of May 2022.

**Service Information**

1. Duplicate the customer's concern.
2. Take a VAL.
3. Check the historical data in the Rear BCM to see which touch sensor is causing the vehicle to unlock.

Unlocking central locking system history data [2]: Control-section / cause	Outside door handle sens., left rear
Unlocking central locking system history data [2]: Key number	1
Unlocking central locking system history data [2]: Year	2022
Unlocking central locking system history data [2]: Month	4
Unlocking central locking system history data [2]: Day	14
Unlocking central locking system history data [2]: Hour	14
Unlocking central locking system history data [2]: Minute	16
Unlocking central locking system history data [2]: Second	37

**Figure 2: Example of Rear BCM Historical Data from VAL**

4. Take pictures of the manufacturing stamps on the back of **all 4 door handles** (Figure 3) **and attach them to the PCSS job.**
5. Replace **only** the door handles which exhibit this condition as per *WM 571119 – Removing and installing door handle (front)* or *WM 581119 – Removing and installing door handle (rear)*.



**Figure 3: Manufacturing Stamp on Door Handle**

### Warranty

As always, please document the repair completely in PCSS.

For this repair, please code the "cause" as follows:

Cause location: 57110 Door Handle (front) OR 58110 Door handle (rear)

Use the following troubleshooting labor operation: (Examples)

03350000 On board diagnostic

Use only as needed:

57111901	Door handle remove and reinstall (front left)
57111902	Door handle remove and reinstall (front right)
58111901	Door handle remove and reinstall (rear left)
58111902	Door handle remove and reinstall (rear right)

### Search Items

Taycan, door handle, unlock, lock, Comfort Access

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