

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
2	May 16, 2022	Update of Technical Background
3	November 7, 2022	Update of Technical Background & Warranty
4	April 27, 2023	Update of Condition

Condition

Customer states that the vehicle unlocks 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.

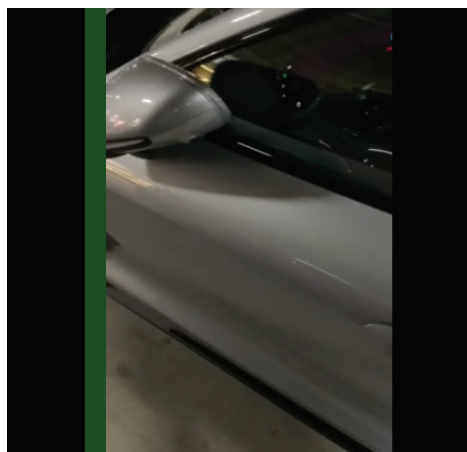
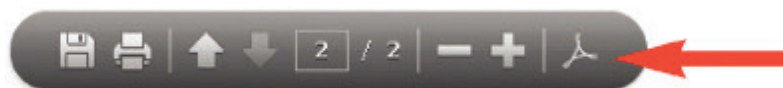


Figure 1: Vehicle Locking After Unlocking

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 manufacturing process of inserting the PCB into the door handle has been optimized to increase the robustness of the Comfort Access function. Door handles with updated software for enhanced signal filtering are expected summer 2023.

Service Information

1. Duplicate the customer's concern.
2. Create 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)

Additional labor operations may be claimed only as needed.

Search Items

Taycan, door handle, unlock, lock, Comfort Access

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.