

Intermittent Warning Message "Power Button Faulty - Service Required" in the Instrument Cluster / Fault Memory Entry "B143C29" in the Rear-End Electronics Control Unit (65/25)

Model Line: **Taycan (Y1A / Y1B / Y1C)**

Model Year: **As of 2020 up to 2025**

Concerns: **Start-stop switch (ignition release switch)**

Cause: **The customer complains that the warning message "Power button faulty – service required" lights up intermittently on the instrument cluster.**

As a result, readiness for starting cannot be established.

The following fault memory entry is stored in the fault memory of the rear-end electronics control unit:

- **B143C29** - Power button (ignition release switch), signal implausible (010065) / (010066)

Action: If there is a customer complaint, check the electrical plug connection between the dashboard and main wire harness (TCP.R.1A1) and rework or replace if necessary.

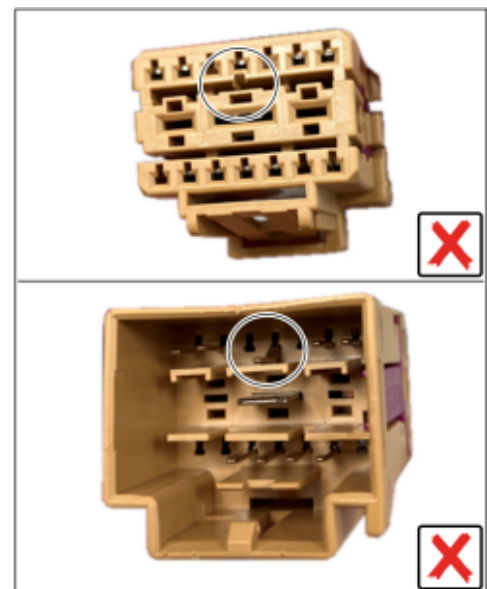


Information

It is possible that pin 4 is bent at the electrical plug connection TCP.R.1A1 (disconnection point) **between the dashboard and main wire harness.**

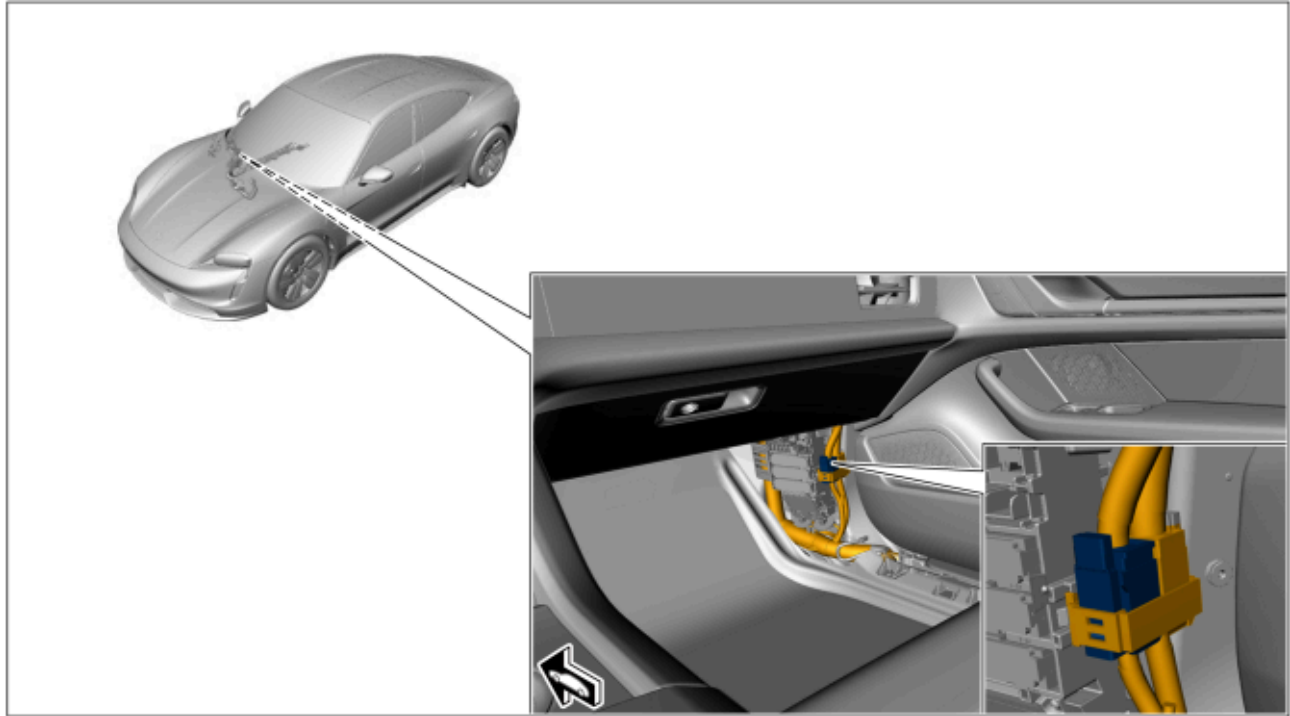
Replacing the start-stop switch is not expedient in this case and does not provide any remedy.

Therefore, before replacing the start-stop switch, the electric plug connection must be checked for bent pins, reworked if necessary or replaced if damaged. ⇒ Bent pin with damaged plug housing



Bent pin with damaged plug housing

Installation
Position:



Installation position for electric plug connection (TCPR. 1A1)

Required parts as and when necessary



Information

No parts are required for checking the electric plug connection (TCPR. 1A1).

Parts Info:

Part No.	Designation – Color	Quantity
4F0972575A	⇒ Flat plug housing with contact lock – brown	1 piece
and/or		
8K0972483A	⇒ Flat contact housing with contact lock (counter-plug) – brown	1 piece
and/or		
....*	⇒ Repair line with pin	1 piece

*Select the required repair line with pin from the wire harness repair set VAS 1978 B.

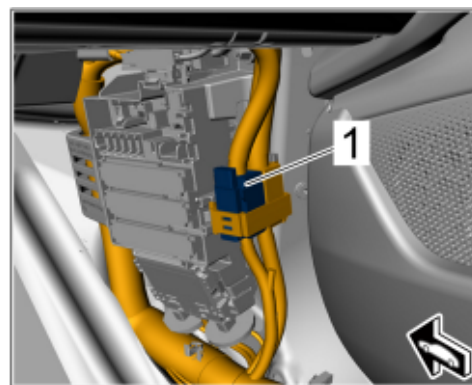
Required tools

Tools:

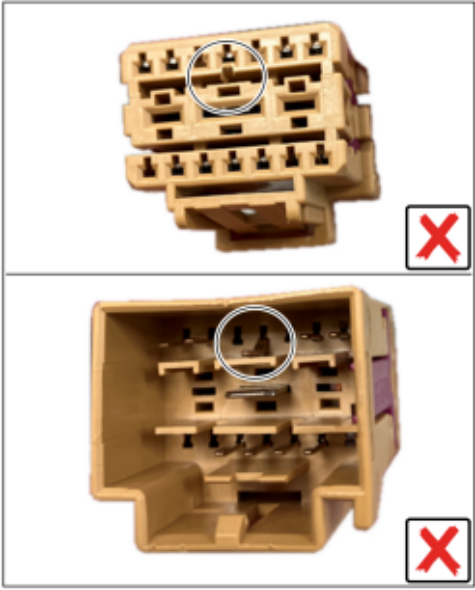
- **P90999 - PIWIS Tester 4**
- Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 - battery charger 90A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '2X00IN Battery trickle charge'*
- Torque wrench, 2-10 Nm (1.5-7.5 ftlb.), e.g. **V.A.G 1783 - torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**

Check the electrical plug connection between the dashboard and the main wire harness and rework or replace if necessary

- Work Procedure:
- 1 Loosen the ground strap for the battery.
For work procedure, see: ⇒ *Workshop Manual '978519A1 Removing and installing the ground strap for the battery'*
 - 2 Remove the (front) right inner door sill trim.
⇒ *Workshop Manual '68051901 Removing and installing the (front) inner door sill trim'*
 - 3 Unlock and pull off the electric plug connection ⇒
Electric plug connection between dashboard and main wire harness -1-.
 - 4 Check the plug housing for damage and bent pins.



Electric plug connection between dashboard and main wire harness

Assessment		Action
(✓)	Plug housings are not damaged and do not have bent pins.	The electrical plug connection is OK. The action described in this technical information is not applicable and does not provide any remedy. Continue troubleshooting in some other way.
(✗)	Plug housings are damaged or have bent pins.  <i>Bent pin with damaged plug housing</i>	The electrical plug connection is not OK. Repair the electrical plug connection. Then continue with Step ⇒ 5.

- 5 Install the (front) right inner door sill trim.
⇒ Workshop Manual '68051901 Removing and installing the (front) inner door sill trim'
- 6 Fasten the ground strap for the battery.
For work procedure, see: ⇒ Workshop Manual '978519A1 Removing and installing the ground strap for the battery'

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
28040146	Checking the electric plug connection	
28045546	Checking and repairing the electric plug connection	

PCSS encryption:

Location (FES5)	96770	Start-stop switch
Damage type (SA4)	2300	Contact/connector; pressed back, loose

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