
Special Tools and Equipment Information

SPTL 2602

VAS5581A Technical Product Service Information – Battery Replacement

USA Only

Vehicle Type: HV / BEV

Subject: VAS 5581A Battery replacement on out of warranty devices.

NOTE: This procedure is for **Out of Warranty** devices only.
Following this procedure on a device under warranty will **void** the factory warranty.

Information: The VAS5581A has an internal battery that must stay charged. Keep the provided charger always plugged into the VAS5581A and wall outlet; and the red stop button lifted while in storage.

Battery

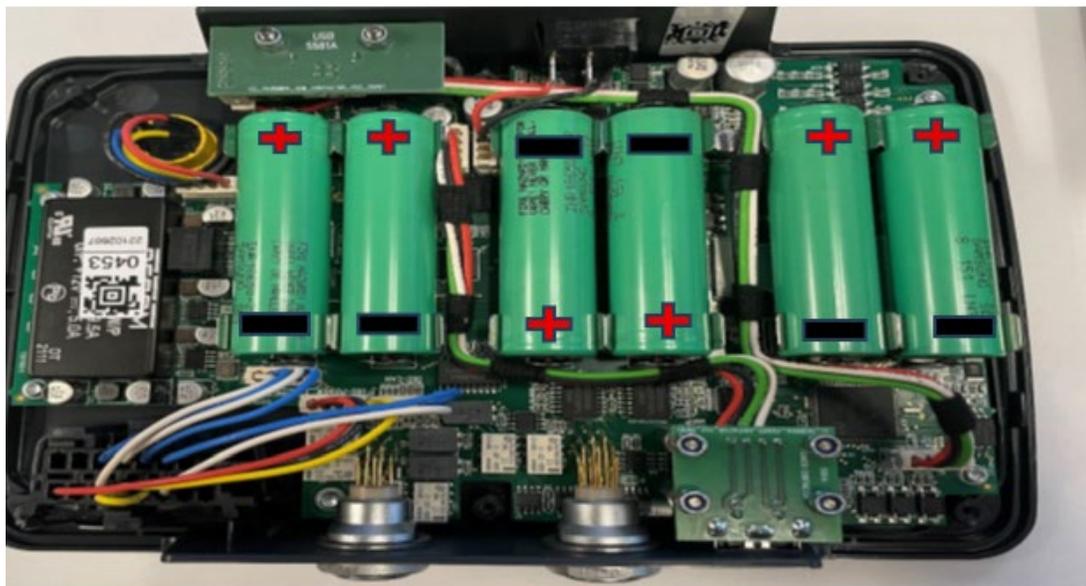
Replacement: VAS 5581A is not powering on and/or charging

If the VAS5581A is no longer under warranty, the 6 internal batteries can be replaced with **Samsung 25R 3.7V Rechargeable 18650 Battery 25R Flat Top, Real 2500mAh.**

Do not use metal tools in this procedure. Do not pry on the printed circuit board to remove the batteries. If required, remove adhesive securing the batteries. Reinstall new adhesive (RTV) as needed.

Remove the 6 torques that are securing the back casing of the tool to get access to the batteries.

Please note +/- orientation, prior to removing the batteries.



After installing the new batteries and securing the rear casing, make sure to lift the red stop button on the front. It may have been pressed while the tool was turned over during maintenance.



High Voltage Diagnostics Box

VAS5581A



\$ 2,504.73*

Model Line

HV / BEV

Use

Communication with HV battery

Workshop Manual

various

Supplier

Porsche Special Tools & Equipment

Availability

Available to order

Location

In shop / Orange HV Toolbox

Note

The VAS5581A must remain plugged in when not in use.
See PPN information: "VAS 5581A - Best Practice"

Ordering Process:

Special Tools / Testers Website:

<https://porsche-cars-north-america.pointofrentalcloud.com/portal>

To increase security and show prices that may be below the Minimum Advertised Price, Login is required to see/access the storefront. Your Porsche Center will have a NEW single Username and Password for the Porsche Special Tools site.

To streamline the new process, we are using the existing Rental Website for **Rental and SALE** of all Special Tools and PT4G.

Support:

Special Tool:

Open a PRMS ticket. Technical Support >> [Special Tools](#)

Diagnostic Equipment:

Open a PRMS ticket. Technical Support >> [Tester Support](#)

Tool Classification:

★	Servicing and Maintenance
★★	Replacement of Units and Assemblies
★★★	Disassembly of Units and Assemblies
★★★★	Rental Tools
	High Voltage Equipment
	Body and Paint

***All prices shown are valid as of the day of publishing and are subject to change without notice.**

Important Notice:

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