

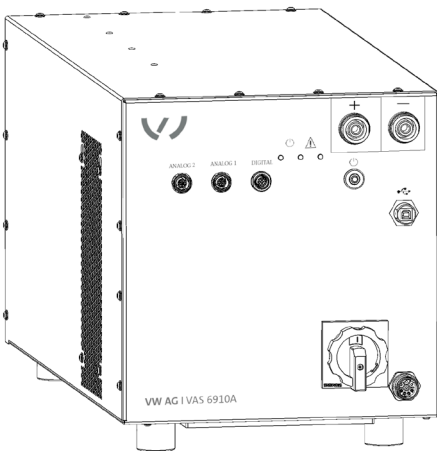



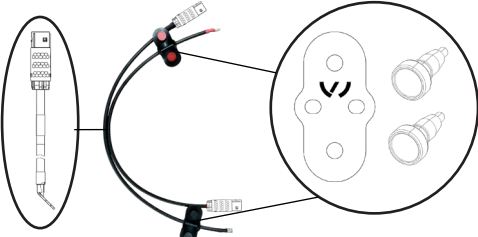
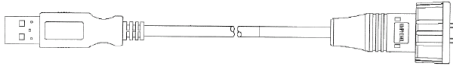
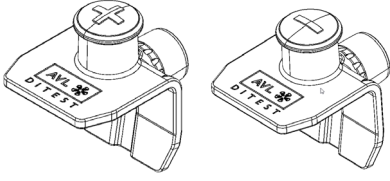
VAS 6910A Quickstart

1 × Quickstart

1 × VAS 6910A


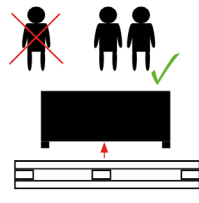
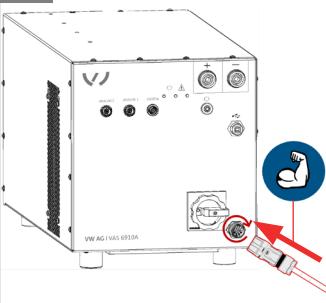
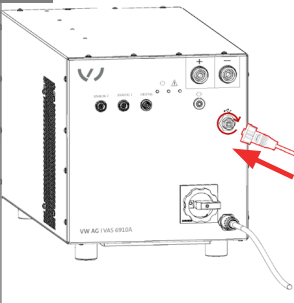
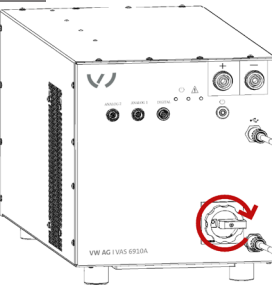
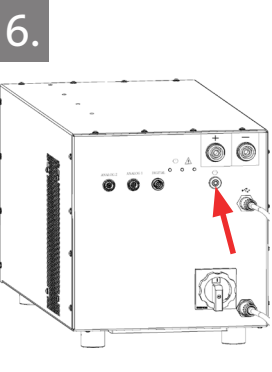


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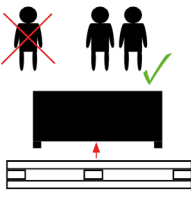
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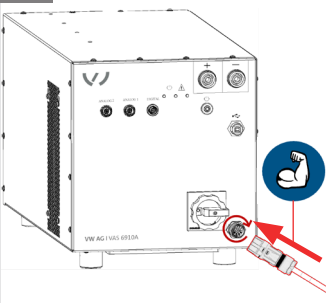
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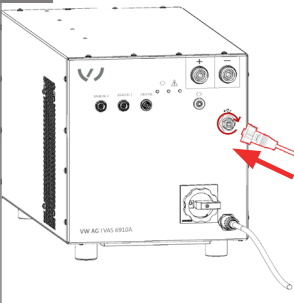
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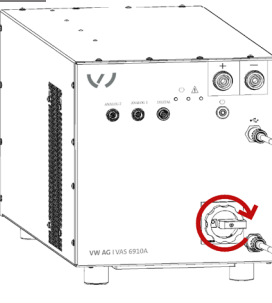









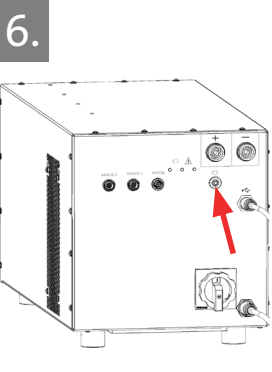
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 Manual, Software & Registration

Intended Use

The equipment is designed for the repair of HV batteries and battery modules. The equipment in this case is used to prepare new battery modules for installation in the case of replacement and to bring them to the voltage level of the rest of the HV battery modules. Moreover, the battery status of individual modules can also be checked.

The equipment may only be used indoors.

The equipment is designed for stationary use and must not be used in a mobile capacity.

Modules must be fully discharged before transport.

All modules to be used must be registered in the Offboard Diagnostic Information System Service (hereinafter referred to as ODIS Service) or the Porsche Integrated Workshop Information System (hereinafter referred to as PIWIS) and approved by Volkswagen AG.

Any use not specified herein is considered unintended use.

Safety

This user manual contains important warnings and safety instructions that require user attention. Non-compliance with these warnings may result in death or serious injury.

The measuring results of this product depend not only on the proper functioning of the product itself, but also on a number of other boundary conditions. It is therefore essential that the results provided by this product are reviewed by an expert (e.g. a validity check) before any additional measures are taken based on these measuring results.

When using the product, a qualified specialist must ensure that the test object or test system cannot enter operating modes that could cause personal injury or material damage.

The user is solely responsible for the proper use of the equipment and must follow all instructions and notes in the ODIS Service or PIWIS.

Explanation of symbols

The following symbols are used in the safety instructions of the user manual or other documentation provided, as well as in screen displays on the tester during operation and on the products themselves:



DANGER

DANGER indicates a dangerous situation which, if not avoided, leads to death or serious injury.



WARNING

WARNING indicates a dangerous situation which, if not avoided, can lead to death or serious injury.



CAUTION

CAUTION indicates a dangerous situation which, if not avoided, can lead to slight or moderate injury.

Additional safety symbols

Failure to comply with the following instructions can result in life-threatening injuries and damage to property.



Danger from electric voltage



Hot surface warning



Maintain ventilation distance

Notes:

NOTE

This text refers to situations or operating errors that can lead to damage to property or data loss.

Information

This text refers to important information or instructions. Failure to comply with these instructions will significantly prevent or hinder successful termination of the actions described in this documentation.

Important Safety Instructions Workshop Tasks

The following list covers general work in workshops. Not all points necessarily apply to this equipment.

- Read the operations manual completely and carefully.
- In the event that the equipment is dropped or damaged, have it checked by a qualified service technician before starting operation again.
- Ensure that cables are not stretched or kinked or come into contact with sharp edges.
- Do not allow the equipment to come into contact with hot or moving parts.
- Always disconnect the equipment from the USB port and power supply when not in use.
- Pull on the plug and not the cable to remove the plug from the USB port.
- Allow the equipment to cool down completely before putting it away.
- When not in use, always unplug the equipment after turning it off.
- When storing the equipment, lay the hoses loosely around the equipment.
- To reduce the risk of fire, do not operate the equipment near open containers with flammable liquids (gasoline).
- Always operate the equipment at table height and never on the workshop floor.
- To reduce the risk of electric shock, avoid using the equipment on wet surfaces or exposing it to rain.
- Operate the equipment only as described in this manual.
- Only use accessories recommended by the manufacturer.
- Wear safety glasses when working. Everyday glasses only have shock-resistant lenses, they are not suitable safety glasses.
- All tools must be declared as "power tools" (⚠ 1000 V). All tools and electrical safety gloves must be checked for damage before and after use.
- Never wear metal items such as jewelry, piercings, etc. while working.
- The protection provided by the equipment can be compromised if the equipment is used in a manner not specified by the manufacturer.

KEEP THESE INSTRUCTIONS IN A SAFE PLACE.

Safety instructions

DANGER

Risk of death from electric voltage on vehicles equipped with high-voltage systems

The voltage present at the HV battery and the components connected to it can be fatal.

Make sure that no one comes in contact with the HV battery connections, the connection lines of the HV battery, or any other live parts. The battery to be tested must be removed from the vehicle. If the measurements are carried out on a battery that is open but still installed in the vehicle, the vehicle must be deactivated and secured.


DANGER

Risk of death from electric voltage on vehicles equipped with high-voltage systems

Only qualified and authorized personnel are allowed to carry out work, particularly disassembly work, on high-voltage vehicles.


DANGER

Risk of death from electric voltage on vehicles equipped with high-voltage systems

For live-line work, specific safety and vocational training conditions apply.

Make sure to comply with these conditions in all situations.


DANGER

Risk of death from electric voltage on vehicles equipped with high-voltage systems

Make sure that all necessary safety precautions have been taken before starting the measurement.

Check that the HV insulating gloves or electrical safety gloves are suitable before using them.


DANGER

Risk of death due to electric voltage

Unprotected parts can carry dangerous voltages.

Do not open the equipment yourself. Troubleshooting is only permitted by AVL DiTEST.


DANGER

Risk of death due to electric voltage

In the event of danger, deactivate the equipment using the switch-off button and disconnect the mains plug. Note that the DC connections are still live due to the connected battery module. Wear personal protective equipment.


DANGER

Risk of death due to electric voltage

Battery terminals must be covered during charging to prevent contact and to protect against short circuiting.


WARNING

Read and follow the safety precautions on the screen.


WARNING
Risk of fire when charging defective modules

Never charge defective modules. Charging defective modules can result in a module fire.


WARNING

Electrical Shock Current Hazard

If the equipment is not operated on a type A RCD (GFCI in the U.S.) fused circuit, voltage may be present in parts in the event of a fault. Only operate the equipment on a type A RCD (GFCI in the U.S.) fused circuit.


WARNING

Danger of electric voltage due to damaged cables

Damaged cables can energize parts of the equipment and lead to dangerous electrical shocks if touched. Always check the cables for damage before using the equipment.

Do not pinch the cables or place any heavy objects on them, and do not place the cables over sharp edges.

Do not excessively or forcefully pull, bend or kink the cables.


WARNING
Risk of fire due to short circuit

There is a risk of short circuiting if the power cables are disconnected during charging. Do not disconnect the charging cables while charging.


WARNING
Risk of fire due to arcing

There is a risk of arcing if the power cables are disconnected during charging. Do not disconnect the charging cables while charging.


WARNING

Electrical shock current hazard

Water or rain entering the equipment may cause short circuiting and dangerous shock currents to pass through the body. Only use the equipment indoors in a dry environment.


WARNING
Risk of fire due to overheating

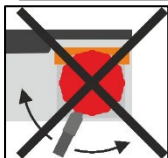
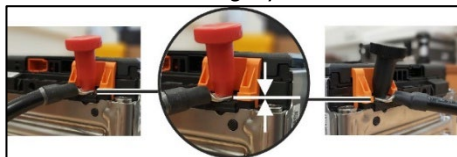
Exceeding the appropriate equipment temperature limits can cause the equipment to overheat and catch fire. Comply with the appropriate equipment temperature limits.


WARNING
Risk of fire due to overheating

Use only terminal cables with a 16 mm² cross-section. Only use terminal cables matching the item number specified in this user manual (see manual, chapter "Standard Scope of Supply"). Other terminal cables may be necessary for future vehicle models. These are not specified in the user manual.


WARNING

Make sure that all contact surfaces are clean.
Check that all cables are tightly secured after connecting.


CAUTION
High load hazard

If only one person is carrying the equipment, it may fall due to its weight and cause injuries. Have two people carry the equipment and hold it by the plastic cover for a better grip.

NOTE

To prevent charging errors, do not touch the modules while charging.

NOTE

Comply with the country-specific regulations for feeding energy to the public grid. Compliance with these regulations is the responsibility of the particular user of the equipment. Failure to comply may result in grid destabilization, material damage, or dangerous, unforeseen issues in the power grid.

NOTE

Feeding energy back to the grid is not possible in the case of batteries with less than 20 V.

NOTE

Only use accessories approved by Volkswagen AG.

NOTE

Do not replace detachable power cables with inadequately sized power cables.

NOTE

Position the equipment to ensure sufficient ventilation. Do not block fans and air outlets. Air must be able to circulate freely. Always provide a ventilation distance of at least 30 cm/11.8 inches.

NOTE

The power input of the equipment must be defined for a maximum current of 16 A. The maximum current that the equipment can draw is 16 A. The equipment connection cable must be suitable for continuous current. Position the equipment so that the disconnect switch can be freely accessed at all times. Only cables mentioned in this user manual may be used.

NOTE

Upon delivery of the equipment, prevent condensation from forming inside the unit. Leave the equipment for 3 hours at the operating location to allow the temperature to equalize before turning it on.

NOTE

Before cleaning the equipment, turn it off at the disconnect switch and disconnect the mains plug. Disconnect all adapter cables and ensure that no liquid enters the housing.

NOTE

The equipment must be tested regularly in accordance with EN 50678:2021-03-01.

NOTE

Do not stack several packed devices on top of each other. Do not place heavy objects on top of the box.

NOTE

The device may only be shipped in the provided packaging. Using different packaging might result in damage to the device.

Information

Install the ODIS Service before connecting the equipment to the PC.

Administrator rights are required for the installation.

Information

For more information, please contact your importer.



We have checked that this documentation complies with the latest version. However, we cannot guarantee the absence of all discrepancies and assume no responsibility for complete consistency. However, the information in this documentation is reviewed regularly and any necessary corrections are included in subsequent editions. We are grateful for any suggestions for improvement.

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Volkswagen Aktiengesellschaft
Group After Sales – Group Service,
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Workshop equipment
Mailbox 011/4915
38442 Wolfsburg

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Manufacturer:

AVL DiTEST GmbH
Alte Poststrasse 156
A-8020 Graz

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