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DRIVE DEVILBISS HEALTHCARE Dv7305P614

Instruction Manual

DRIVE DEVILBISS HEALTHCARE Dv7305P614 Battery Assembly

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1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of the **DRIVE DEVILBISS HEALTHCARE Dv7305P614 Battery Assembly**. This battery is specifically designed as a replacement power source for the **7305 Vacu-Aid Suction Machine**. Please read this manual thoroughly before use to ensure safe and efficient performance of your device.

2. SAFETY INFORMATION

Always observe the following safety precautions when handling and using the battery assembly:

- Do not disassemble, open, or shred the battery pack.
- Do not expose the battery to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit the battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.
- Do not remove the battery pack from its original packaging until required for use.
- Do not subject battery packs to mechanical shock.
- In the event of a battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Do not use any charger other than that specifically provided for use with the equipment.
- Keep the battery pack clean and dry.
- Do not leave a battery pack on prolonged charge when not in use.
- Observe the plus (+) and minus (-) marks on the battery and equipment and ensure correct use.
- Dispose of the battery pack properly according to local regulations.

3. SETUP AND INSTALLATION

This section outlines the steps for installing the Dv7305P614 Battery Assembly into your 7305 Vacu-Aid Suction Machine.

1. **Prepare the Suction Machine:** Ensure the 7305 Vacu-Aid Suction Machine is turned off and unplugged from any power source before beginning the battery replacement process.
2. **Access the Battery Compartment:** Locate and open the battery compartment on your 7305 Vacu-Aid Suction Machine. This typically involves removing screws or latches. Refer to your suction machine's specific manual for detailed instructions on accessing its battery compartment.
3. **Remove Old Battery (if applicable):** Carefully disconnect the old battery from its connector and remove it from the compartment. Note the orientation of the old battery for correct installation of the new one.
4. **Install New Battery:** Place the new Dv7305P614 Battery Assembly into the compartment, ensuring it fits snugly. The battery is designed for a perfect fit.
5. **Connect the Battery:** Connect the battery's wire harness to the corresponding connector inside the suction machine's battery compartment. Ensure the connection is secure and properly aligned.
6. **Secure the Compartment:** Close the battery compartment and secure it with the screws or latches that were removed earlier.
7. **Initial Charge:** After installation, it is recommended to fully charge the battery before its first use. Connect the suction machine to its power adapter and allow it to charge until the charging indicator shows a full charge.



Figure 3.1: The Dv7305P614 Battery Assembly, showing the main battery pack, connecting wires, and protective foam. This image illustrates the overall appearance of the battery before installation.



Figure 3.2: Another view of the Dv7305P614 Battery Assembly, highlighting the wire connections and the compact design. This perspective helps in understanding the physical layout for proper placement.

4. OPERATING THE BATTERY ASSEMBLY

Once installed, the Dv7305P614 Battery Assembly provides portable power to your 7305 Vacu-Aid Suction Machine. The suction machine will automatically draw power from the battery when not connected to an external power source.

- **Power On/Off:** Operate the suction machine as per its own instruction manual. The battery will supply power when the machine is switched on and disconnected from AC power.

- **Charging:** To charge the battery, connect the 7305 Vacu-Aid Suction Machine to its designated AC power adapter. The machine's charging indicator will typically illuminate to show that charging is in progress. Refer to your suction machine's manual for specific charging indicator behavior.
- **Battery Life:** The operational duration of the battery will vary depending on the usage intensity of the suction machine. For optimal performance, ensure the battery is fully charged before extended use.

5. MAINTENANCE AND CARE

Proper maintenance extends the life of your Dv7305P614 Battery Assembly.

- **Regular Charging:** For optimal battery health, avoid completely draining the battery frequently. Recharge the battery after each use or when the charge level is low.
- **Storage:** If the suction machine will not be used for an extended period, store it with the battery partially charged (around 50%). Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** The battery itself does not require cleaning. If the exterior of the suction machine or battery compartment needs cleaning, ensure the machine is off and unplugged. Use a soft, dry cloth. Do not use liquid cleaners directly on the battery or inside the compartment.
- **Disposal:** When the battery reaches the end of its life, it must be disposed of properly. Do not dispose of batteries in general household waste. Contact your local waste management authority for information on battery recycling or disposal programs.

6. TROUBLESHOOTING

If you encounter issues with your Dv7305P614 Battery Assembly, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Battery not charging.	Power adapter not connected or faulty. Battery not properly connected. Battery has reached end of life.	Ensure power adapter is securely connected to both the machine and a working outlet. Test with another outlet if possible. Verify the battery's internal connection is secure (refer to Setup section). If the battery is old (2-3 years or more), it may need replacement.
Suction machine does not power on when unplugged.	Battery is fully discharged. Battery not properly connected. Faulty battery.	Connect the machine to AC power and allow the battery to charge. Check the battery connection inside the compartment. If charging does not resolve the issue, the battery may be faulty and require replacement.
Battery runtime is significantly reduced.	Battery is aging. Improper charging habits.	Batteries naturally degrade over time. Consider replacing the battery if it no longer meets your needs. Ensure you are following recommended charging practices (see Maintenance section).

If the problem persists after attempting these solutions, please contact DRIVE DEVILBISS HEALTHCARE customer support or a qualified service technician.

7. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	Dv7305P614
Compatibility	Designed for 7305 Vacu-Aid Suction Machine
Battery Type	Alkaline (as per product specifications, though typically these are NiMH or Lead-Acid for medical devices.)
Number of Batteries	1 (Battery Pack)
Nominal Voltage	7305 volts (This value from source data likely refers to the compatible device's model number or voltage, not the battery's output voltage.)
Package Dimensions (L x W x H)	6.38 x 4.41 x 3.82 inches
Weight	2.4 Pounds
Manufacturer	Devilbiss Health Care
Date First Available	November 14, 2014

Note: The "7305 volts" specification for "Bulb Voltage" in the original data appears to refer to the compatible device's voltage rather than the battery's output voltage, or may be a data entry anomaly. Please refer to your 7305 Vacu-Aid Suction Machine's manual for its specific power requirements. The "Alkaline" battery cell composition is also unusual for a rechargeable battery pack; typically, these are NiMH or Lead-Acid. This information is provided as per the product data.

8. WARRANTY AND SUPPORT

Warranty Information: Specific warranty terms for the Dv7305P614 Battery Assembly are provided by the manufacturer, DRIVE DEVILBISS HEALTHCARE, or the authorized seller at the time of purchase. Please retain your proof of purchase for warranty claims. For detailed warranty coverage and duration, refer to the documentation included with your product or contact the manufacturer directly.

Customer Support: For technical assistance, troubleshooting beyond this manual, or inquiries regarding your battery assembly, please contact DRIVE DEVILBISS HEALTHCARE customer support. Contact information can typically be found on the manufacturer's official website or on the product packaging.

You may also refer to the [product page on Amazon](#) for additional information or seller contact details.

