

Drive Medical 15033BV-FR

Drive Medical Delta Ultra Light Full Electric Bed User Manual

Model: **15033BV-FR** | Brand: **Drive Medical**

1. INTRODUCTION

This manual provides essential information for the safe and effective use, assembly, operation, and maintenance of your Drive Medical Delta Ultra Light Full Electric Bed. Please read this manual thoroughly before initial use and retain it for future reference.

The Drive Medical Delta Ultra Light Full Electric Bed is designed to provide comfort and support, featuring a lightweight, interchangeable, and easily assembled design with full side rails. It incorporates a universal style with high-impact composite head and footboards. The bed's height adjustment motor is pre-installed for convenience and can be removed or installed without tools, even with a patient in the bed. Its self-contained single motor and junction box minimize noise. In the event of a power failure, a 9-volt battery allows for up to nine lowering operations of the head and foot sections.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in serious injury or damage to the product.

- Always ensure the bed is on a level surface and the casters are locked when the bed is stationary.
- Do not allow children or unauthorized persons to operate the bed controls.
- Keep hands and feet clear of moving parts during operation.
- Regularly inspect all components for wear, damage, or loose connections. Do not use the bed if any part is damaged.
- Ensure all electrical cords are free from damage and are not pinched or tangled.
- The bed has a maximum weight capacity of 450 lbs. Do not exceed this limit.
- In case of power failure, the 9-volt battery provides limited lowering capability. Replace the battery annually or as needed.

3. COMPONENTS AND PARTS OVERVIEW

The Drive Medical Delta Ultra Light Full Electric Bed consists of several key components designed for easy assembly and operation.

- **Bed Frame:** The main support structure, including head and foot sections.
- **Headboard and Footboard:** Universal style, crack-proof composite panels.
- **Full Rails:** Side rails for patient safety and support.
- **Electric Motors:** For adjusting head, foot, and overall bed height.
- **Hand Pendant:** Remote control for operating bed functions.
- **Casters:** Wheels for mobility, with locking mechanisms.
- **Junction Box:** Houses electrical connections.



Figure 3.1: Overview of the Drive Medical Delta Ultra Light Full Electric Bed frame, showing the main structural components, including the head and foot sections, side rails, and casters. The hand crank for manual height adjustment is also visible.

4. SETUP AND ASSEMBLY

The Delta Ultra Light Full Electric Bed is designed for straightforward, tool-free assembly.

1. **Unpack Components:** Carefully remove all parts from the packaging and verify against the components list.
2. **Assemble Bed Frame:** Connect the head and foot sections of the bed frame. Ensure all locking pins or clips are securely engaged.
3. **Attach Headboard and Footboard:** Slide the headboard and footboard onto their respective posts until they click into place. These are interchangeable.
4. **Install Side Rails:** Attach the full side rails to the bed frame according to the manufacturer's instructions. Ensure they are securely latched.

5. **Connect Electrical Components:** Plug the hand pendant into the junction box. Ensure all motor connections are secure. The height adjustment motor comes pre-installed on the foot section.
6. **Position Bed:** Move the bed to its desired location. Lock the casters to prevent unintended movement.
7. **Power Connection:** Plug the bed's power cord into a grounded electrical outlet.



Figure 4.1: The fully assembled Drive Medical Delta Ultra Light Full Electric Bed, complete with a mattress and full side rails, ready for use. This image demonstrates the bed's stable and complete configuration.

5. OPERATING INSTRUCTIONS

The bed's functions are controlled via the hand pendant.

- **Hand Pendant Controls:** The hand pendant features intuitive buttons for adjusting the bed's position.
- **Head Section Adjustment:** Use the designated buttons to raise or lower the head section of the bed.
- **Foot Section Adjustment:** Use the designated buttons to raise or lower the foot section of the bed.
- **Overall Height Adjustment:** Use the designated buttons to raise or lower the entire bed frame to a comfortable height for patient transfer or care.
- **Power Failure Operation:** In the event of a power outage, the integrated 9-volt battery allows for manual lowering of the head and foot sections up to nine times. This is a safety feature to ensure the patient can be lowered if necessary.



Figure 5.1: A user demonstrating the operation of the Drive Medical Delta Ultra Light Full Electric Bed, holding the hand pendant to adjust the bed's position. This illustrates the ease of use and accessibility of the controls for patient comfort.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric bed.

- **Cleaning:** Wipe the bed frame and components with a dry cloth. For deeper cleaning, use a mild, non-abrasive cleaner and dry thoroughly. Do not immerse electrical components in water.
- **Inspection:** Periodically inspect all nuts, bolts, and fasteners to ensure they are tight. Check electrical cords for fraying or damage. Ensure side rails operate smoothly and lock securely.
- **Battery Check:** Test the 9-volt battery for power failure operation regularly. Replace the battery annually or if it fails to provide sufficient power.
- **Lubrication:** Moving parts may require occasional lubrication with a silicone-based spray to ensure smooth operation. Consult a qualified technician if unsure.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Bed does not operate	Power cord unplugged; Circuit breaker tripped; Hand pendant not connected; Motor malfunction.	Check power connection; Reset circuit breaker; Ensure hand pendant is securely plugged in; Contact customer support if motor malfunction is suspected.

Problem	Possible Cause	Solution
Bed operates slowly or intermittently	Low voltage; Overload; Worn motor.	Ensure proper power supply; Do not exceed weight capacity; Contact customer support.
Side rails do not latch securely	Misalignment; Damaged latch mechanism.	Adjust rail position; Inspect latch for damage and contact customer support if necessary.
Bed makes unusual noises	Lack of lubrication; Loose components; Motor issue.	Lubricate moving parts; Tighten loose fasteners; Contact customer support for motor issues.

8. SPECIFICATIONS

Feature	Specification
Model	15033BV-FR
Actual Product Weight	162 lbs
Product Weight Capacity	450 lbs
Overall Product Length	88.5 inches
Overall Product Width	35.75 inches
Overall Product Height (Max)	35.75 inches
Bed Height (Min)	12 inches
Bed Height (Max)	19.5 inches
Casters	3 inches
Batteries	1 - 9V (for power failure backup)
Primary Product Material	Steel
Primary Product Color	Brown
Product Care Instructions	Wipe with Dry Cloth
UPC	682055556512

9. WARRANTY AND SUPPORT

For specific warranty information regarding your Drive Medical Delta Ultra Light Full Electric Bed, please refer to the warranty card included with your product or visit the official Drive Medical website. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical support, replacement parts, or further assistance, please contact Drive Medical customer service. Contact information can typically be found on the manufacturer's website or on the product packaging.

Note: Protection plans may be available for extended coverage. Please check with your retailer for details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question