

Invacare B0BV3LTFLF (Lift), B09V2YKWYB (Sling)

Invacare Reliant Battery-Powered Patient Lift & Sling User Manual

MODELS: B0BV3LTFLF (LIFT), B09V2YKWYB (SLING)

1. INTRODUCTION

This user manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Invacare Reliant Battery-Powered Patient Lift and Medium Full Body Mesh Sling with Commode Opening. This system is designed to assist caregivers in transferring individuals who are totally or partially dependent, or have limited head control, thereby reducing the risk of caregiver injury and ensuring user safety.

Please read this manual thoroughly before initial use and retain it for future reference. Proper understanding and adherence to these instructions are crucial for the longevity of the product and the safety of both the user and the caregiver.

2. IMPORTANT SAFETY INFORMATION

Always prioritize safety when operating the patient lift. Failure to follow these instructions could result in serious injury or damage to the equipment.

- **Read the Entire Manual:** Ensure all caregivers and users understand the contents of this manual before operating the lift.
- **Weight Capacity:** Do not exceed the maximum weight capacity of 450 lbs (204 kg) for the lift and sling. Overloading can cause instability and failure.
- **Trained Personnel Only:** The lift should only be operated by individuals who have received proper training in patient transfer techniques and the use of this specific equipment.
- **Pre-Use Inspection:** Before each use, inspect the lift and sling for any signs of wear, damage, or loose components. Do not use if any issues are found.
- **Stable Surface:** Operate the lift on a flat, stable, and level surface. Avoid uneven terrain or inclines.
- **Emergency Stop:** Familiarize yourself with the manual emergency lowering device.
- **Anti-Entrapment Feature:** The lift is equipped with an anti-entrapment feature. If the boom meets resistance while lowering, it will stop. Do not force the boom down.
- **Sling Compatibility:** Only use Invacare slings designed for use with Invacare I-Lift Series and Invacare Reliant Lifts.
- **Patient Comfort and Security:** Always ensure the patient is comfortable, secure, and properly positioned in

the sling before lifting. Maintain constant supervision during transfers.

3. PRODUCT OVERVIEW AND COMPONENTS

The Invacare Reliant Battery-Powered Patient Lift is a robust device designed for safe and efficient patient transfers. It features a battery-powered lifting mechanism, an ergonomic hand pendant for control, and a padded swivel bar for patient comfort. The base legs can be manually adjusted and securely locked into position.

The accompanying Medium Full Body Mesh Sling with Commode Opening provides total head, neck, and partial under-thigh support. Its breathable mesh fabric dries quickly and allows air circulation, enhancing user comfort.



Figure 3.1: Invacare Reliant Battery-Powered Patient Lift (top) and Medium Full Body Mesh Sling with Commode Opening (bottom). The lift features a sturdy frame with wheels, a lifting arm, and a control panel. The sling is blue mesh with black straps and a central opening.

4. SETUP AND INITIAL PREPARATION

4.1 Assembly

The Invacare Reliant Patient Lift typically requires minimal assembly. Refer to the separate assembly guide included with your product for detailed instructions. Ensure all connections are secure and all bolts are tightened before first use.

4.2 Battery Charging

The lift operates on two 24-volt batteries. One battery powers the lift, while the other is for the battery-charging station. Always ensure a fully charged battery is available.

1. Connect the battery charger to a standard electrical outlet.
2. Place the battery into the charging station.
3. Allow sufficient time for the battery to fully charge (refer to charger instructions for specific times). A full charge is indicated by the charger's indicator light.

4. Once charged, insert the battery into the lift's battery compartment, ensuring it is securely seated.

4.3 Base Leg Adjustment

The base legs can be manually adjusted to provide stability and access around furniture. Use the padded handle to adjust and securely lock the base legs into the desired open position.

5. OPERATING INSTRUCTIONS

5.1 Preparing for Transfer

1. Position the lift close to the patient, ensuring the base legs are adjusted for optimal stability and access.
2. Ensure the patient is calm and cooperative. Explain the transfer process to them.
3. Select the appropriate sling (Medium Full Body Mesh Sling with Commode Opening for this model).

5.2 Applying the Sling

The sling is designed for users who are totally or partially dependent or have limited head control. It can also be used for amputee users in a reclined position. The commode opening facilitates toileting.

1. Carefully roll the patient to one side and place the folded sling underneath them, ensuring the commode opening is correctly positioned.
2. Roll the patient back onto the sling, then pull the remaining portion of the sling through.
3. Ensure the patient is centered and comfortable on the sling. The sling can be adjusted from an upright seated position to a fully reclined position.

5.3 Performing the Lift

1. Attach the sling straps to the padded swivel bar of the lift. Ensure all straps are securely fastened and not twisted. The swivel bar allows for 360-degree rotation for added convenience.
2. Using the ergonomic hand pendant, slowly raise the patient. The lift has a height range of 24" to 74", allowing lifting from the floor or high surfaces.
3. Monitor the patient's comfort and position throughout the lift.
4. Once the patient is clear of the surface, carefully maneuver the lift to the destination (e.g., wheelchair, toilet, shower chair, or bed).
5. Using the hand pendant, slowly lower the patient onto the desired surface. Ensure they are safely and comfortably seated before detaching the sling.
6. Detach the sling straps and carefully remove the sling from underneath the patient.

5.4 Emergency Lowering

In case of power failure or emergency, locate and activate the manual emergency lowering device on the lift. Refer to the lift's specific labeling for its exact location and operation.

6. CARE AND MAINTENANCE

6.1 Cleaning

- **Lift:** Clean the lift frame and components with a mild detergent and damp cloth. Do not use abrasive cleaners or immerse electrical components in water.
- **Sling:** The mesh sling can be machine washed according to the care label instructions. Ensure it is thoroughly

dry before storage or reuse.

6.2 Battery Care

- Always keep batteries charged. Do not allow them to fully discharge for extended periods.
- Store batteries in a cool, dry place when not in use.
- Replace batteries when they no longer hold a sufficient charge.

6.3 Regular Inspection

Perform regular visual inspections of the lift and sling for:

- Cracks or damage to the frame.
- Wear or fraying of sling straps and fabric.
- Proper function of wheels and brakes.
- Condition of electrical cables and connections.

Contact qualified service personnel for any repairs or significant issues.

7. TROUBLESHOOTING GUIDE

This section provides solutions to common issues you may encounter with your Invacare Reliant Patient Lift.

Problem	Possible Cause	Solution
Lift does not operate.	Battery not charged or improperly installed. Emergency stop activated.	Check battery charge and ensure it is correctly seated. Deactivate emergency stop.
Lift lowers slowly or inconsistently.	Low battery charge.	Charge or replace the battery.
Boom stops while lowering.	Anti-entrapment feature activated (boom met resistance).	Check for obstructions. Remove resistance before attempting to lower again.
Lift makes unusual noises.	Loose components or internal issue.	Stop use immediately and contact qualified service personnel.

8. TECHNICAL SPECIFICATIONS

- **Model (Lift):** B0BV3LTFLF
- **Model (Sling):** B09V2YKWYB
- **Weight Capacity:** 450 lbs (204 kg)
- **Lift Height Range:** 24 inches (61 cm) to 74 inches (188 cm)
- **Battery Type:** Two 24-volt rechargeable batteries
- **Sling Type:** Medium Full Body Mesh Sling with Commode Opening
- **Control:** Ergonomic Hand Pendant
- **Safety Features:** Manual Emergency Lowering Device, Anti-Entrapment Feature

9. WARRANTY AND SUPPORT

9.1 Warranty Information

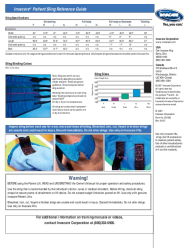

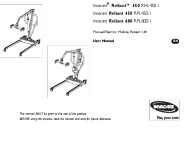

Invacare products are manufactured to high quality standards and are backed by a limited warranty. Specific warranty terms and conditions are provided with your product documentation. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, replacement parts, or further information regarding your Invacare Reliant Patient Lift and Sling, please contact Invacare Customer Service. Visit the official Invacare website or refer to your product packaging for contact details.

You can find more information at the [Invacare Store on Amazon](#).

Related Documents

	<p>Invacare Patient Sling Reference Guide</p> <p>A comprehensive reference guide from Invacare detailing various patient slings, including full body, divided leg, toileting, standing, and transport slings, with specifications, sizing, and usage information.</p>
	<p>Invacare Reliant 450 Lifts: Features, Models, and Specifications</p> <p>Explore the Invacare Reliant 450 Lifts, designed for safe and dignified patient handling. This document details the features, models (hydraulic, battery-powered), specifications, and benefits for caregivers and patients, emphasizing caregiver safety and patient comfort.</p>
	<p>Invacare Reliant Patient Lift User Manual - RHL450-1, RPL450-1, RPL600-1</p> <p>This comprehensive user manual provides essential guidance for the Invacare Reliant 450 (models RHL450-1, RPL450-1) and Reliant 600 (model RPL600-1) mobile patient lifts. It covers critical safety information, step-by-step assembly, detailed operation procedures for lifting and transferring patients, maintenance guidelines, troubleshooting tips, and information on compatible accessories like the Invacare Reliant Scale RLS6.</p>
	<p>Invacare Reliant 450 Lifts: Features, Specifications, and Models</p> <p>Explore the Invacare Reliant 450 Lifts, designed for caregiver safety and resident dignity. This document details features, specifications for models RPL450-1 and RPL450-2, and available accessories like the Reliant Digital Scale.</p>