

**Volaro Rescue Lift
Operator Manual**

sample



RescueLift

SMT Health Systems

SMT VOLARO RESCUE LIFT

OPERATOR MANUAL INDEX

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PROBLEMS OR QUESTIONS?

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Rescue Lift CAUTION: PLEASE READ BEFORE OPERATING

- 1) **DO NOT PUSH OR PULL ON THE LIFT DURING THE LIFTING PROCESS. THIS WILL JEOPARDIZE THE LIFT'S STABILITY.**
- 2) **DO NOT USE VOLARO RESCUE LIFT WITHOUT ALL RETAINER PINS FULLY ENGAGED.**
- 3) **DO NOT EXCEED THE WEIGHT LIMIT OF 400/600 LBS LISTED ON THE LIFT**
- 4) **DO NOT USE A SLING THAT SHOWS WEAR, IS TORN, BLEACHED OUT, OR HAS ANY LOOSE THREADS. INSPECT SLING BEFORE EVERY LIFT.**
- 5) **DO NOT OPERATE LIFT WHEN TILT INDICATOR IS IN THE RED AREA.**
- 6) **DO NOT ATTEMPT TO CRANK LIFT UNDER LOAD WITH HANDLE IN "SHORTENED" POSITION.**
- 7) **MAKE SURE THAT ALL LOOPS FROM THE SLING(S) ARE PROPERLY "NESTED" IN THE BOTTOM OF THE HOOK BEFORE LIFTING OR TRANSFERRING A PATIENT OR RESIDENT AND THAT BOTH RETAINER CLIPS ARE FUNCTIONING.**

SMT VOLARO RESCUE LIFT

GENERAL RECOMMENDATIONS -

The Volaro Rescue Lift was designed specifically to reduce injuries for fire and rescue personnel or police responding to medical calls as they assist patients/residents from a fall in cramped quarters to a backboard, gurney, flexible litter or even a slide sheet on the floor. Once the patient/resident is taken out of the compromised position, the personnel can safely perform their patient care tasks.

Because the Volaro Rescue Lift was designed as an emergency lifting device in tight quarters, it requires close attention of the rescue worker to ensure safe assembly and operation. It is important to first determine the appropriateness of this piece of equipment for any patient/resident.

Additional applications for the Rescue Lift could include hospital, nursing home, mortuary, assisted living, independent living, clinic and even home settings.

VOLARO RESCUE LIFT

ASSEMBLING THE LIFT

1. With top frame assembly on floor, insert legs into frame

(Ensure that the spring is locked securely onto the pin.)



2. Attach safety pins



3. Slide out leg insert and attach in lowest hole



VOLARO RESCUE LIFT

4. Attach foot into insert and attach safety pin into insert locking hole (either direction will work)

Do the same with the other leg

Note: Foot may be removed and replaced with Foot Corner Adaptor part number 71010 when using lift in a corner at a 45° angle.



5. Adjust lift to appropriate height, taking care to ensure that pins on both sides are in the same hole. **One leg will be at a slightly different angle than the other leg.**

NOTE: You may be one hole off and still be in the "green" area on the level indicator.



VOLARO RESCUE LIFT

APPLYING SLING TO PERSON

The most important part of the lifting experience is applying the SLING properly. The first step is to lean the person slightly forward just enough to insert the sling behind the back and under the arms. Position the wings of the sling under the arms and make sure they are centered. Note: Center the patient/resident as much as is possible under the lift. The yellow bumper is for bracing against the wall when possible.

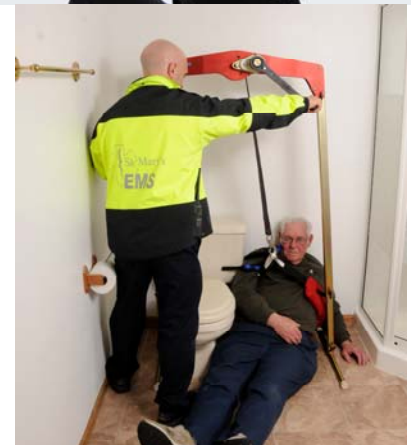


ATTACHING SLING TO LIFT

Once the SLING is applied, attach the color coordinated straps onto the safety hook. **Make sure you use the same colored loop on each hook and that straps are “nested” securely inside the hook.**



Note: a second sling may be used behind the knees to provide additional support and comfort when needed.



TRANSFERRING FROM FLOOR TO CHAIR OR OTHER DEVICE

Be sure the person's arms are located outside the sling. If the person is able to grip with their hands, take the remaining material hanging from the hook and place the last (distal) loop back in the hook to form a large loop of fabric. Then direct the person's hand through the fabric, until it's safely supported. The patient/resident may feel more secure if they are physically able to grip the strap.

Begin cranking the lift with the ratchet handle ensuring patient/resident is securely attached to sling.



VOLARO RESCUE LIFT

OTHER APPLICATIONS

1. The Level Indicator is particularly helpful if the Volaro Rescue Lift must be used on uneven surfaces such as on a stairway or next to a counter.
2. When using the lift in tight quarters or corners, the single point leg attachment, part #71010, may be used. The single point leg should be applied to the side of the lift with the wall cushion.

REGARDING ONE OR TWO PERSON TRANSFERS

There are several organizations that promote the use of a one person transfer in the appropriate circumstances. However, determining those conditions can be difficult. The patient/resident's characteristics and the training level of the staff and the nature of the emergency can affect whether a one person or two person transfer is proper. For instance, if the resident is combative or the staff is inexperienced in using the lift, we would always recommend that two staff members be used during the transfer. In the final analysis, we believe that the emergency staff is in the best position to assess the training level of the technicians, to determine the unique needs of each patient/resident, and to ultimately establish the appropriate guidelines.



VOLARO RESCUE LIFT

SLING LAUNDERING INSTRUCTIONS

VOLARO RESCUE LIFT SLING Part # RLS100

Sling material and webbing are made of nylon. The padding is polyfill. Because of sling rigidity, recommended washing instructions are as follows:

- Brush with warm, soapy water and non-chlorine disinfectant
- Rinse
- Drip dry only

The sling rigidity makes it more difficult to machine wash. If the sling rides on lip of drum, the sling could be damaged. It is therefore recommended that you put the sling in a mesh bag to protect the buckles and to keep the straps from becoming tangled.

Make sure the sling fits properly into the machine.

WARNING: EXCESSIVE HEAT AND/OR BLEACH WILL SHORTEN THE SERVICEABLE LIFE OF THE SLING. IF THE SLING IS DAMAGED DUE TO IMPROPER LAUNDERING, THE WARRANTY IS VOID. ALL SLINGS SHOULD BE INSPECTED FOR TEARS OR FRAYING PRIOR TO USE.

Disposable/Single Patient Use Slings are available, contact your local dealer for more information.

SMT MECHANICAL FULL BODY LIFTS GENERAL PROCEDURE GUIDE

- ◆ This form is intended as a guide to help you develop a procedure sheet that will fit your specific application in your organization. It is recommended that everyone be in-serviced by someone who has been trained by a company representative. **(This should be copied for each operator and kept with their personnel records.)**

Staff Name: _____

Date: _____

Checked Off By: _____

General Preparation:

- | Yes | No | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Identify the patient/resident by name. |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Explain what you are going to do |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Glove hands. |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Remove lift parts from carry bag. |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Get Help from an experienced team member for this procedure. |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Assemble lift and adjust to appropriate height (see page 5 of manual). |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Have assistant stand on opposite side of patient/resident to assist with transfer. |

General Procedure:

- | Yes | No | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Position lift astride patient/resident centered as much as possible. |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Check tilt meter for level. |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Examine sling for wear or tears. |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Apply sling (see page 7 of manual). |

- | Yes | No | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Lower lift hook after adjusting handle to the “speed” cranking position. |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Attach straps on sling to lift with the strap “nesting” in the bottom of the hook. |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Tell assistant to guide resident as you begin to lift them from the floor. Once there is slight tension on the straps check to make sure both loops are still nested in the bottom of the hooks before lifting. |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. Lift patient/resident until buttocks have cleared the floor. Give reassurance to allay fears. |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. Tell assistant to steady the patient/resident in lift and guide to position over wheelchair, commode, gurney, backboard, etc. CAUTION: Pushing on the top of the unit or on the resident could jeopardize the lift’s stability. |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. Lock wheelchair or gurney brakes if applicable. |
| <input type="checkbox"/> | <input type="checkbox"/> | 11. Move lift away and adjust patient/resident for comfort. Apply safety belt if ordered. Position feet on foot pedals if chair is used. |
| <input type="checkbox"/> | <input type="checkbox"/> | 12. Cover with blanket and transport. |
| <input type="checkbox"/> | <input type="checkbox"/> | 13. Wash hands. Report reaction and overall tolerance to team leader. |

SAFE WORKING LOADS

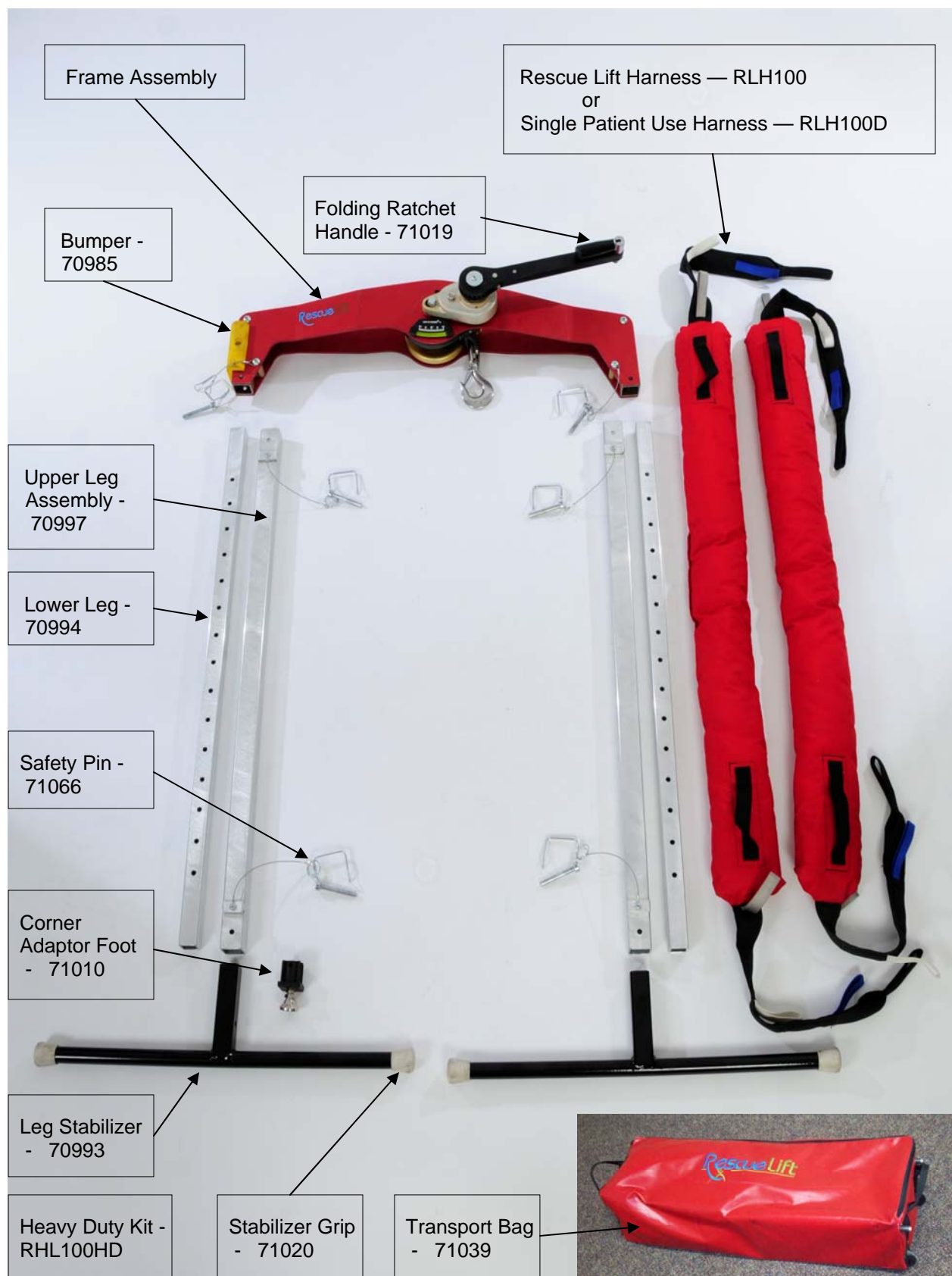
SMT Health Systems Volaro slings have been developed, tested and manufactured to have a safe working load of 1000 lbs. However, care should be taken to ensure that the Rescue Lift has the capacity to safely lift the patient/resident. The Volaro Rescue Lift is rated for 400 lbs. and up to 600 lbs. with Heavy Duty Kit.

The standard sling will fit most patients/residents. Contact Customer Service at SMT Health Systems for further recommendations on special sling sizing and disposable slings.



VOLARO RESCUE LIFT

Parts List



SMT HEALTH SYSTEMS - LIFT ITEMS TO INSPECT

1380 Legion Road, Detroit Lakes, MN 56501, 800-725-7761 1-3-07

1. HANGER: FULL BODY LIFT

- STRAP RETAINER SPRING FUNCTIONAL
- CRANKING MECHANISM WORKS
- CRANK HANDLE LOCKS IN PLACE

2. BEAM

- WALL CUSHION IN PLACE
- SAFETY STICKERS IN PLACE

3. LEGS

- SAFETY PINS AVAILABLE AND FUNCTIONAL
- PADDED FEET TIPS IN PLACE

4. STRAP

- ATTACHED SECURELY TO HOOK
- NOT TORN OR FRAYED

5. SLINGS (Reasons to discard)

- WORN
- FRAYED
- BLEACHED OUT

6. SINGLE POINT LEG

- FOOT INTACT AND SWIVELS

7. TILT METER

- IN PLACE AND FUNCTIONS

8. WELDS

- VISUALLY INSPECT FOR CRACKS

9. DECALS

- CORRECT
- MISSING

10. OTHER:

VOLARO RESCUE LIFT

WARRANTY

1 YEAR LIMITED WARRANTY ON ALL PARTS ONLY UNDER CONDITIONS OF NORMAL AND INTENDED USE. 3 YEAR WARRANTY ON THE MAIN STRUCTURE OF THE LIFT. MISUSE, DAMAGE, OR ALTERATION OF THE LIFT OR ANY OF ITS PARTS VOIDS THE WARRANTY. NO OTHER WARRANTIES - WRITTEN, VERBAL, IMPLIED, OR OTHER THAN LISTED HERE WILL BE HONORED.

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