PA600
Operator's Manual



SMT Health Systems
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Detroit Lakes, MN 56501
800-725-7761
www.patientlift.com

3/2019

Safety Notes

- The Volaro lift is designed for patient transfer only. Using the lift for transport can create an unsafe patient handling situation.
- Lift legs must be fully extended into the wide position when lifting a patient or resident.
- For Emergency Stop, pull power pac from power box.
- Make sure both loops from the sling are properly "nested" in the bottom of the hooks before lifting or transferring a patient or resident. Also make sure that both retainer springs are functioning correctly.
- Use **only** Volaro slings and accessories designed for use with the Volaro stand models.
- **Do not** push or pull on the beam or resident. This will jeopardize the lift's stability.
- **Do not** use any other power pac charger. use only the power pac charger supplied with the lift.
- **Do not** exceed the weight limit listed on the lift.
- **Do not** use a sling that shows wear, is torn, bleached out or has loose threads. Inspect sling before each lift.

Safe Working Loads

Volaro slings have been developed, tested and manufactured to have a safe working load of 1000 lbs. Due to the variety of resident shapes and dimensions, the appropriate size should be selected to accommodate specific patients. Care should be taken to ensure that the mechanical lift selected has the capacity to safely lift the resident.

The Volaro Sling Sizing Chart (**page 7**) is designed only to suggest which resident will safely fit into the sling based on their size and weight.

NOTE: Lifts/Stands are designed to "transfer" a resident, not "transport" them.

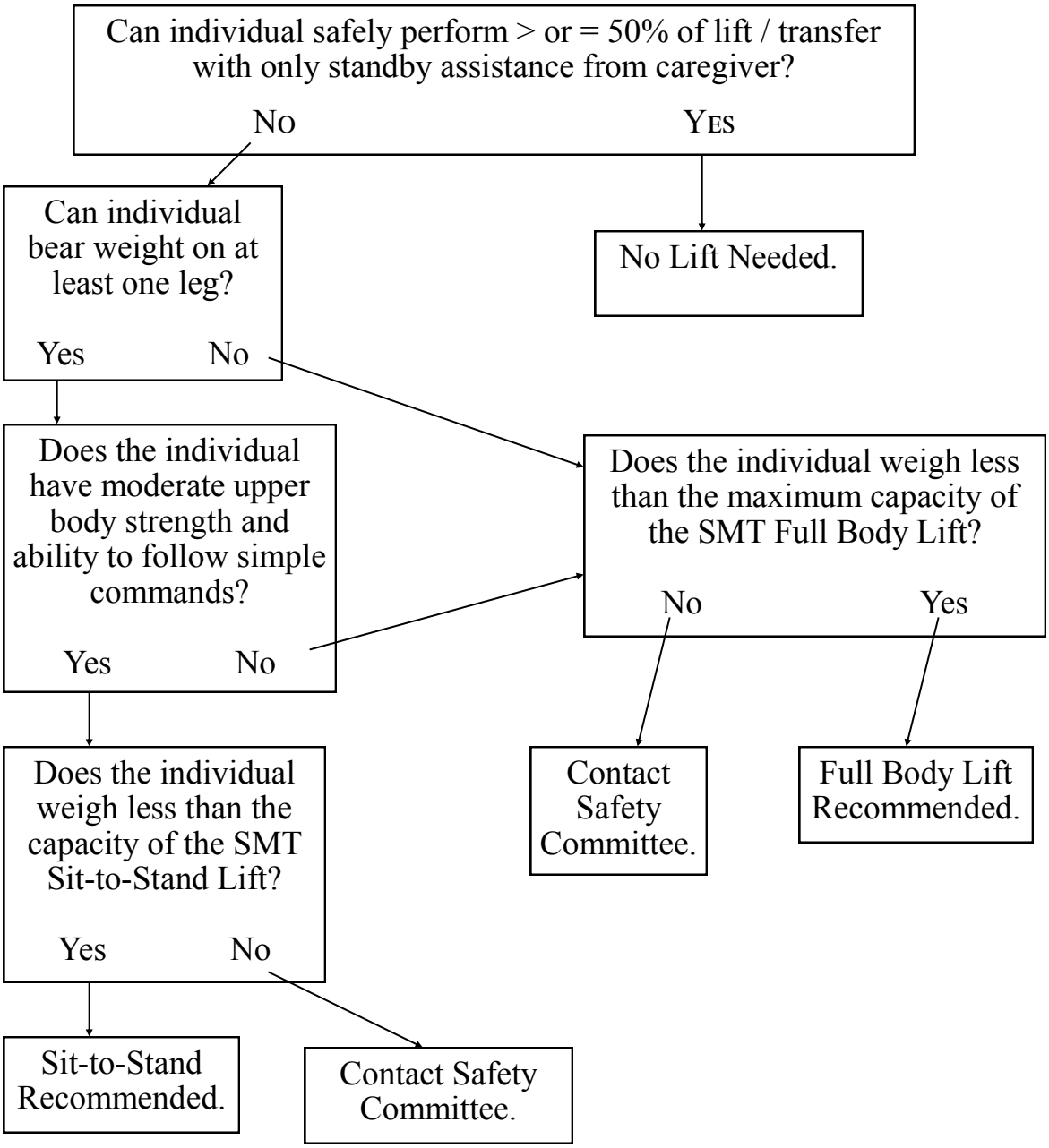
PARTS & SERVICE

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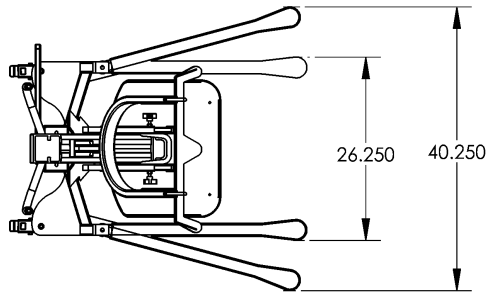
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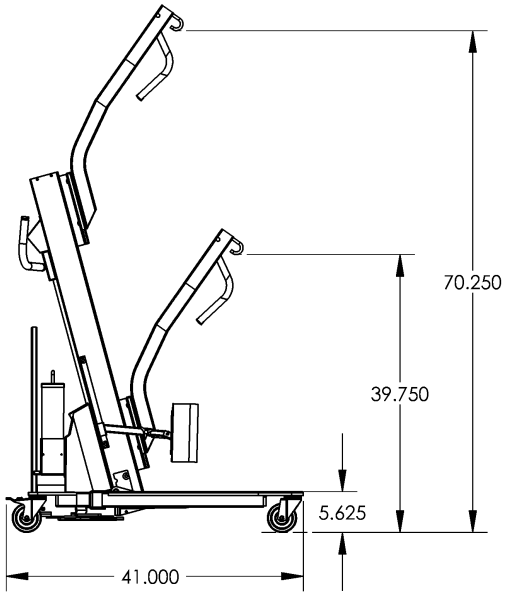
Volaro Lift/Transfer Assessment Form
Are you using the correct lift for your needs?



Patient Name _____ **ID#**_____**Room#**_____
Assessment Completed by_____**Date**_____
Lift(s) Required_____**Sling Size**_____
Comments for PRN Use_____
Assessment Updated by_____ **Date**_____
_____**Date**_____
_____**Date**_____
Assessment Care Planned by_____**Date**_____

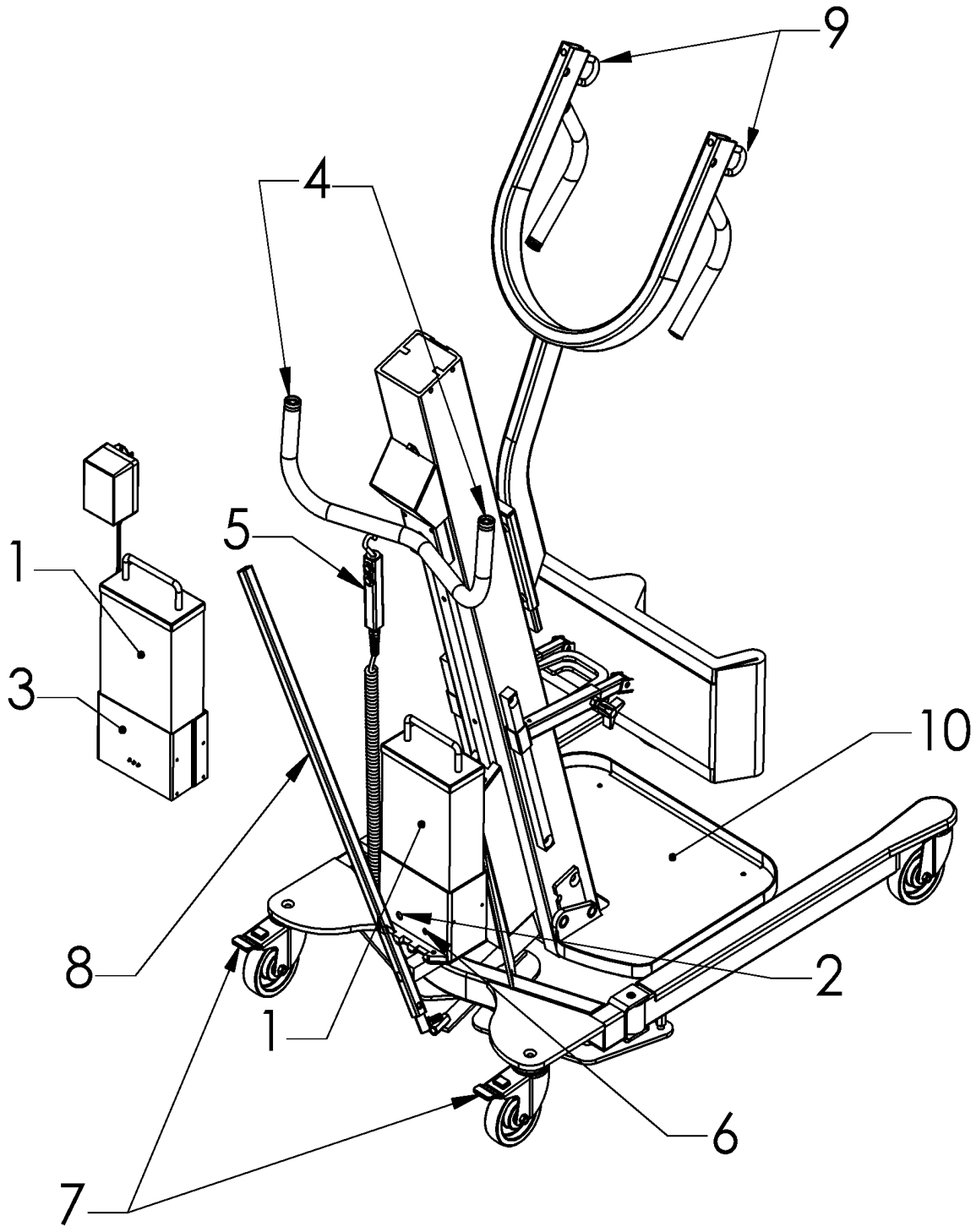
SERIES 4 STAND SPECIFICATION SHEET





- 400 LB Lifting Capacity
- 500 LB Lifting Capacity Heavy Duty Model
- Non-Arcing Lift Beam
- Urethane Sling Retainer Clips
- Vinyl Safety Padding
- Metal Case Batteries with Cushion Grip Handles, 12VDC 12Amp./Hr. Gel Cell
- 12VDC Ball-Screw Actuator with 1” Diameter Screw
- Vertical Sliding Adjustable Shin Rest, adjustment range of 9.25 inches
- Horizontal Sliding Adjustable Shin Rest, adjustment range of 4 inches
- 90 Degree Self-Pivoting Shin Rest
- Steel Hand Control
- Powder Coat Paint
- 3 Position Positive Lock Leg Adjuster
- 3 Position Height Adjustable Footboard (Removable)
- User-Friendly Scale Option.
- High Impact ABS Leg Covers
- Front Casters 4” Swivel (3” Optional)
- Rear Casters 4” Swivel w/Brake (3” Optional)

MECHANICAL OPERATION



Volaro Stand Slings



BX-100: Blue Max Sling
The sling offers comfortable support for patients/residents during transfers as well



10026-1: Seat/Thigh Strap
The seat/thigh strap is designed for use with the SLING during a transfer to minimize pressure around the torso.

Volaro Sling Laundering Instructions

The sling material and webbing are made of nylon. The padding is neoprene and polyfill. Sling 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. Care should be taken if attempting to machine wash. Make sure the sling fits properly into the machine. If the sling rides on lip of drum, the sling could be damaged. It is recommended that you put the sling in a mesh bag to protect the buckles and to keep the straps from becoming tangled.

Warning: Excessive heat and/or bleach will shorten the serviceable life of the sling.
If the sling is damaged due to improper laundering, **Warranty is VOID.**



Volaro Sling Sizing Chart

Lifts for life

XX-Small	50-75 lbs.	Shoulder width approximately 12-16 in. Hip width approximately 12-14 in.
X-Small	75-100 lbs.	Shoulder width approximately 17-22 in. Hip width approximately 14-23 in.
Small	100-125 lbs.	Shoulder width approximately 22-24 in. Hip width approximately 23-25 in.
Medium	125-200 lbs.	Shoulder width approximately 24-28 in. Hip width approximately 25-31 in.
Large	200-325 lbs.	Shoulder width approximately 28-32 in. Hip width approximately 31-34 in.
X-Large	325-400 lbs.	Shoulder width approximately 32-37 in. Hip width apporximately 34-41 in.
XX-Large	400-600 lbs.	Shoulder width approximately 37-44 in. Hip width approximately 41-47 in.
3X-Large	400-700 lbs.	Shoulder width approximately 44-49 in. Hip width approximately 47-53 in.
4X-Large	400-800 lbs.	Shoulder width approximately 49-56 in. Hip width approximately 53-60 in.
5X-Large	400-1000 lbs.	Shoulder width approximately 56-62 in. Hip width approximately 60-68 in.

SMT Health Systems™

Color code system indicates the color of the handles on the backs of Volaro slings. The size of each sling is also shown on the tag attached to that sling.

General Recommendations

The Volaro Stand was designed specifically to assist your residents to a standing position. Once the resident is in a standing position, you or your staff can safely perform a number of resident care tasks. The Volaro Series 4 Stand may also be modified to be used as a walking device.

Because the Volaro Stand was designed as an assistive device, it requires more advanced motor skills than a traditional lift such as our Volaro Lift-Series 4 or 5. It is important to first determine the appropriateness of this piece of equipment for any patient.

The Volaro Stand is intended for residents who are **semi weight-bearing** and simply require some lifting to perform ambulation or the activities of daily living.

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's characteristics and the training level of the staff 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 facility's staff is in the best position to assess the training level of the employees, to determine the unique needs of each patient, and to ultimately establish the appropriate guidelines.

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. NOTE: **Place the sling as far down as you can**. Position the wings of the sling under the arms and make sure they are centered. Secure buckle as low as possible around the lower abdomen. Fasten the buckle and pull snug. Tighten by holding onto the strap, not the buckle. Sometimes it binds and feels snug when it truly is not. As a person sits, the abdomen is wide. As a person stands, the abdomen will become more narrow; therefore you must tighten the security strap as you lift the person. This procedure will help keep the strap in proper alignment.

Attaching Sling to Lift

Once the SLING is applied, lock the brakes on the wheel chair. This will minimize having to slide the person down and onto the foot board. Present the lift to the person you are lifting. Assist the person's feet onto the foot board. Now the lift can be pushed forward until the person's knees touch the shin rest. Adjust the shin rest up or down. Locate the top of the shin rest two inches below the knee cap. At this point you can lock the brakes on the lift to prevent the person from pushing the lift away from them. The shin rest has a built-in safety support strap. The strap helps those who need the added security and support. This will keep their shins and feet securely in place. It is not necessary to use the strap on everyone. At this time, if the person is able, have them hold onto the handle grips. Sometimes this makes the person feel more independent. It also prevents you from having to hold on to them while you're attaching the colored loops to the positive-locking "J" hooks. NOTE: **Make sure you use the same colored loop on each "J" hook.** Be sure the person's arms are located outside the fabric. If the person is unable to hold onto the handle grips, then take the remaining material hanging from the "J" hooks and place the last (distal) loop back in the "J" hook to form a large loop of fabric. Then direct the person's hand through the fabric, until it's safely

supported. If you have a VOLARO "WRIST ASSIST", just hang the Wrist Assist from the "J" hook and do the same. With the VOLARO Stand, the person being transferred **does need some body strength**. We encourage anyone being lifted with the VOLARO Stand Lift to use their legs and arms as the lift is doing its work. If you find that the person you are lifting is either less ambulatory than you originally thought, or the person is just not cooperative, use the VOLARO Full Body Lift Series 4 or Series 5.

Transferring from Chair to Commode

After "Applying sling to Person" and "Attaching sling to Lift" segments, you are now ready to lift. When the PA800C begins lifting and the abdomen becomes increasingly flat, snug the security strap. This will make the transfer much more comfortable for the person being transferred.

Now that the person being transferred is clear of chair, unlock the brakes and roll them to the commode or bathroom. Once in position, lock the brakes and attend to the person's needs. Then lower them down onto the seat. **NOTE: Be sure to loosen the buckle as they are seated.** If you wish, you may leave the lift with the person for added support.

Transferring from Chair to Bed

After "Applying sling to Person" and "Attaching sling to Lift" segments, you are now ready to lift. The VOLARO STAND can be used to transport a person back to their bed. Lift the person to a standing position. Now transport the person to the side of the bed. Center them and make sure the back of their legs are touching the bed. Lower the person down until they are seated. Be sure to leave slack in the loops. This will make it much easier for you to remove the colored loops. Unbuckle their legs from the shin rest safety strap, if applicable. Unbuckle the security strap around their abdomen and unhook them from the "J" hooks. Remove the sling. You may push the lift away. You may have to assist the person's feet off the foot board. Be sure to use proper body mechanics by assisting the person to a lying position.

Transferring from Bed to Chair

When transferring from bed to wheelchair, it is required that the person be assisted to a seated position on the edge of the bed. It is very important to use proper body mechanics. In some cases you may wish to do this transfer with the VOLARO LIFT Series 4 OR the VOLARO LIFT Series 5 and then use the VOLARO STAND to go back to bed. A person who has demonstrated to you their ability to stay seated on the edge of the bed without help may not need much assistance with proper placement of the sling. For someone with little ability, apply the sling while they are in a lying position by raising the shoulders and inserting the sling behind the back. Attach the security strap, then bring them to a seated position on the edge of the bed. This will shorten the time you will have to support the person in a seated position before you hook them up.

Standing and Ambulating

The VOLARO STAND-Series 5 allows a person to be lifted to a standing position with their feet flat on the floor. This provides an opportunity for the therapist to ambulate or perform standing exercises. Some therapists utilize the VOLARO Seat Strap as an assist to help support the person while they are ambulating, standing, or resting. **Lifting a person with their feet on the floor:** After "Applying sling to Person" and "Attaching sling to Lift" segments, open the legs and remove the foot board. Place the sling behind the person and hook them up, lock the brakes and adjust the shin rest. Make sure their feet are located on a non-slippery surface. Adjust the shin rest. Hold onto the lift and begin to lift until the person is standing. Make sure they are straight and not leaning back before you begin ambulation. The "H" handles or optional ambulating bars are located directly in front and to the sides of the patient as they face the lift. The bars work well when the person you are ambulating needs extra support. If the person becomes fatigued, just lower them into a chair.

Mechanical Operation

(Operation Corresponds with the View on Page 4)

Power Pacs:
This lift is powered by a 12VDC removable power pac located at the back of the lift. The power pac fits either way in the lift and charger box to make it easy to remove and replace the power pac.
NOTE: Power pac removal is your emergency stop feature. (Figure A)

The lift has a built-in power pac indicator which illuminates when the power pac is about 60% discharged. This would be the best time to replace with the power pac with one that is fully charged. If the power pac indicator is solid red during rotation of the actuator, this means there is approximately 20% capacity left in the power pac. The power pac must be charged as soon as possible.

Once the power pac is inserted into the charging receptacle, the charge light on the charging unit comes on. Make sure this yellow light comes on to assure your power pac is charging. Once the power pac is fully charged, the light will shut off. The charger is fully automatic and will quit charging when the power pac reaches a full charge. You will not damage the power pac or charger if the power pac is left on the charger. The power pac life can vary depending on how many charging cycles the power pac has undergone or if the power pac was improperly stored discharged for a long period of time. A typical life cycle is between 1000- 1200 cycles from full to empty. (see charging procedure page 10) (Figure B)

Switches:
The lift is operated by switches located at the tips of the handles. This allows proper ergonomics by keeping the hands on the handles while operating the lift and maneuvering it at the same time. The optional hand control provides a second source to operate the lift. This allows the operator to be next to the person being transferred and to operate the lift at the same time. It also aids as a back-up source to operate the lift. (Figure C)

Emergency Down Feature:
If your lift is equipped with the emergency down feature, engage the rocker switch (above the Power Pac) to lower the lift. This is to be used in an emergency only, service may be needed. (Figure D)

Power Failure:
If for any reason the lift would stop in mid travel, the first thing to check is the circuit breaker located on the power pac box. If the breaker has popped out, simply press it back in and try lifting. (Figure E) If the problem is not the breaker, and you cannot lower the patient/resident by the switch on the handle or the remote control, you must use the emergency down switch located above the power box. (Figure D)

Manual Down Operation:
As a last option to operate the lift manually, you may use the manual override. This is located below the power box. With a 5/32" hex bit and t-handle, included with lift, turn the screw clockwise. The screw turns easily but slow, a drill with a 5/32" allen bit would help lower the lift faster.

Width Adjustment:
The leg adjuster opens and closes the legs of the lift. By pulling back, this allows you to rotate the handle back and forth. Keep the handle pulled back while rotating to keep the leg adjuster handle from rubbing on the notch plate. This process enables the lift to be narrowed to go through doorways and widened to go around a wheel chair or lounge chair.
(Figure G)

Wheel Locks:
The brakes are located on the rear wheels. Press the tab with your foot to lock the wheel and the swivel. Press the upper portion of the tab to release the brakes.



Figure A

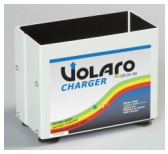


Figure B


Figure C


Figure D



Figure E


Figure G

SMT Volaro 12V Power Pac Charging

Charging Procedure

(Note: if there is no power pac in the charger, the GREEN light will be on.)

1) The lift has a RED power pac indicator light located on the receptacle that will come on when the power pac is low. At this point the power pac should be exchanged as soon as possible with one that is fully charged from the charger. However, it is best to exchange your power pac at a regular time(s) for optimum power pac life.
2) Locate the charger receptacle near an outlet and on a counter or flat surface where the suction cups will have good contact.
3) When setting up a new Volaro lift: Insert power pac into charger and plug charger into outlet. (It will fit in either direction.)
4) The RED light may come on briefly if the power pac is excessively discharged, but it should go off within the first few minutes followed by the YELLOW light. If the RED light stays on it may mean the power pac is extremely discharged. Leave the power pac on the charger overnight to see if it can be restored. If it stays on RED you have a bad cell.
5) When the YELLOW light has gone out, the power pac is fully charged and will shut off automatically. However, you should leave the power pac on for its full charging cycle of 12 hours. The GREEN light will stay on. It will not harm the power pac to leave it on the charger longer than the normal charging cycle.

Note:

- Charging sequence: Periodically unplug the charger, insert power pac, then plug charger back into outlet for proper electronic function.
- Leaving the power pac on the charger will not cause it to overcharge.
- If the power pac goes to GREEN in a short period it may mean you have a weak cell that will not take a full charge.
- Plug power pac into charger every night.
- Do not remove until charging cycle is complete.
- Power pac will not be damaged if left plugged in.
- The charger will get warm during its charge cycle.

Additional charging information:

The VOLARO charger uses a three part process which could take up to 12 hours. The first part is called the **bulk charge**. During this stage the charger supplies 1.5 Amps until the power pac terminal voltage reaches 13.8 volts. The current then begins to ramp down from 1.5 Amps to about .5 Amps at the conclusion of the charging process. This **ramping charge (absorption mode)** will take several hours. Finally, the GREEN light will come on indicating that the charger has switched to the third part of the cycle, the **temperature compensated float charge**. The charger is now in its maintenance mode, keeping the power pac in its ideal charged state. The VOLARO charger is not a trickle charger nor will the power pac be damaged if left permanently attached and powered. If the GREEN light comes on soon after putting the power pac on the charger it means that, either the power pac is already charged OR you have a weak power pac that will only hold a minimal charge. **Maintaining the proper power pac voltage when the power pac is not in use will extend the serviceable life of the power pac.**

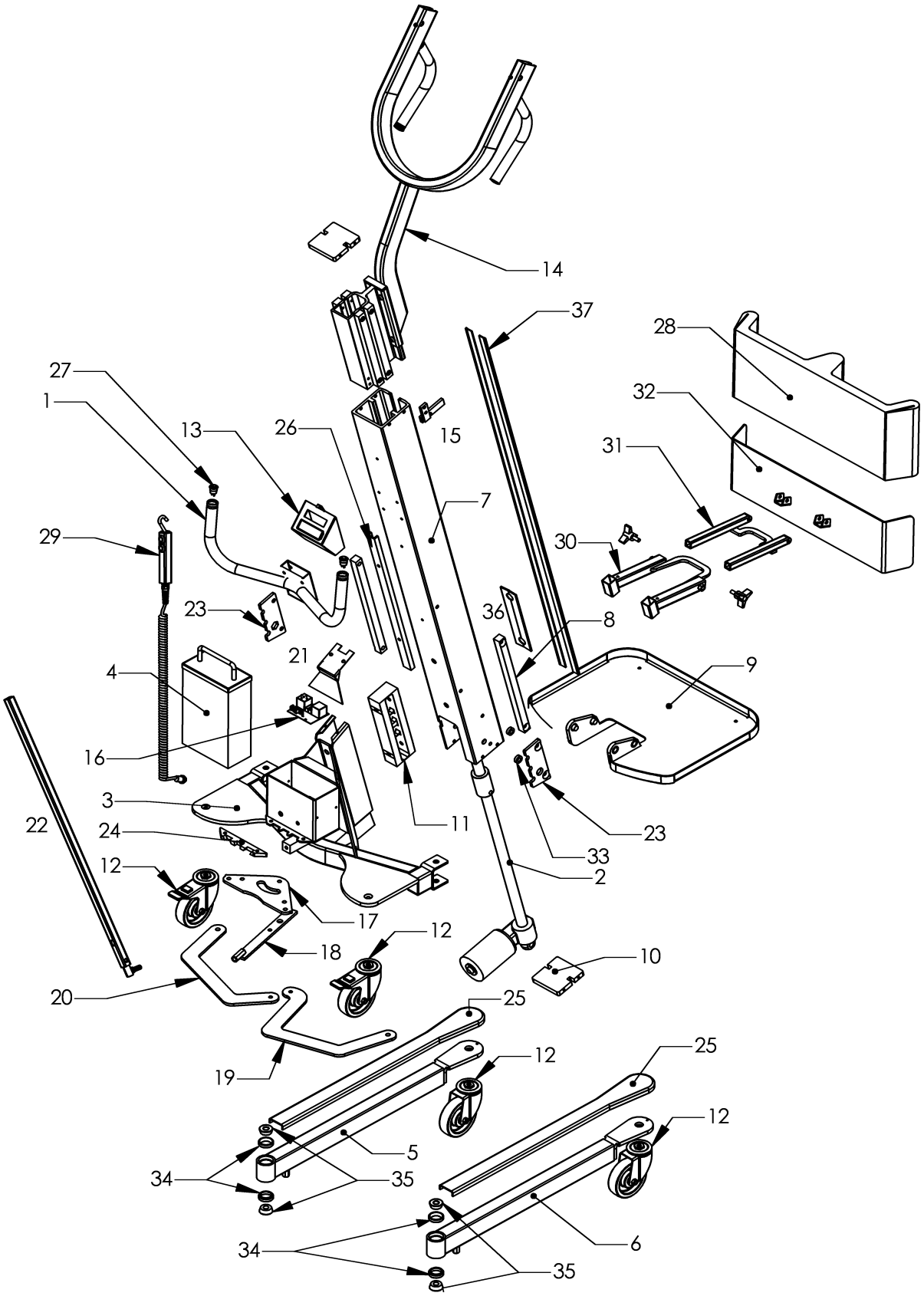
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SMT recommends the power pac tester #10048BT to help ensure that you will always have adequate power pac power.

VOLARO STAND-PA600

PA600 EXPLODED VIEW

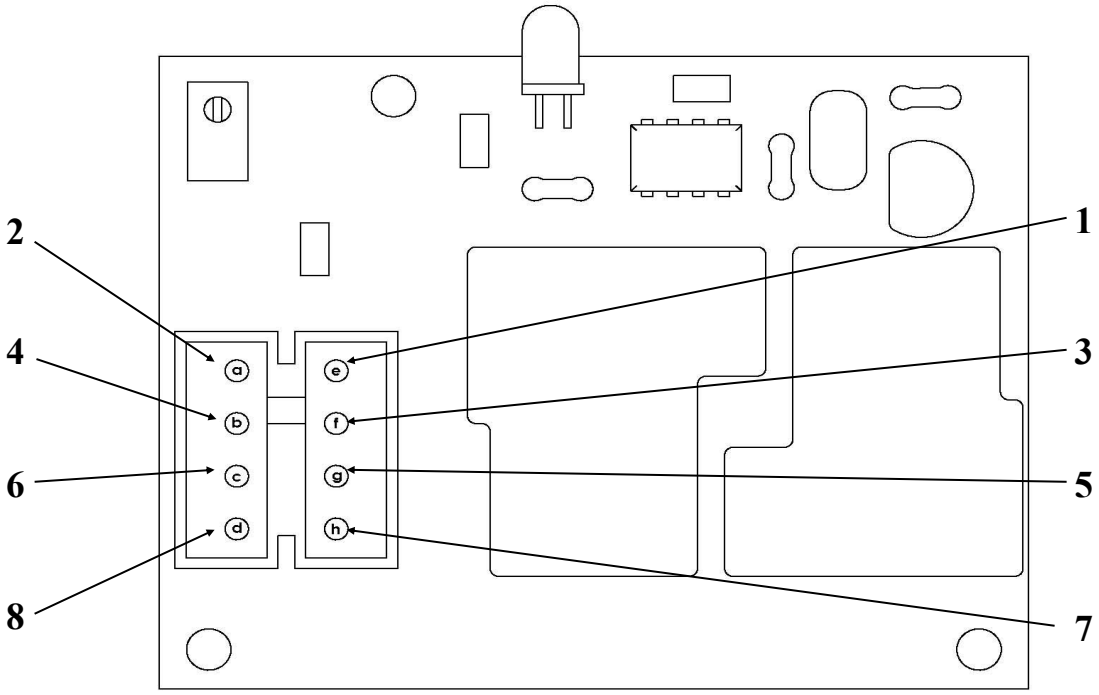


PA600 PARTS LIST

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	PA62057A	Handle Bar Assembly
2	1	2330	BALLSCREW ACTUATOR(complete)
3	1	PA62049A	BASE FRAME
4	1	10048-2	Battery
5	1	PA62048A	Left Leg Assy
6	1	PA62045A	Right Leg Assembly
7	1	PA62000-2	Mast
8	2	PA62019-1	Vert. Knee Rest Adj. Slide
9	1	PA62050A-2	Foot Board
10	2	PA62028-1	Mast Cap
11	1	2324LC	LOAD CELL
12	4	2034 Front/2196 Rear	4in. Casters
13	1	2324	Scale-includes SS Box
14	1	PA62059A-1	"Y" Beam
15	1	PA62044LA	Left Nut Retainer Assy
15	1	PA62044RA	Right Nut Retainer Assy
16	1	10011-2	Circuit Board
17	1	PA62069	Leg Adj Cam Mount Plate
18	1	PA62068A-1	Leg Adjust Cam
19	1	PA62064-1	Right Leg Adj. Linkage
20	1	PA62063-1	Left Leg Adj. Linkage
21	1	PA62008	LOAD CELL SHROUD TOP
22	1	PA62079A-1	Leg Adjuster Handle Assy
23	2	PA62020-2 RH & PA62021-2 LH	Foot Board Mount
24	1	PA62015-1	Notch Plate
25	2	PA62046-1	Leg Guard
26	1	PA62070-1	Wire Channel
27	2	2008	Red Push Button
28	1	10056-2	Knee Rest Foam
29	1	10047-2	Remote Hand Control
30	1	PA62056A	Outer Horz. Slide Assy
31	1	PA62033-1	Inner Horz. Slide
32	1	PA62054A	Knee Rest Frame
33	4	PA62048-1	Footboard & Knee-rest Spacer
34	4	2067	Roller Bearing Race
35	4	2066	Tapered Roller Bearing
36	1	PA62078-1	Load Cell Backing Plate
37	2	2311	Brush
38	2	2499	KNOB

Circuit Board Wiring Diagram

1	Positive up to Switch	Small Green
2	Positive Power	Large Red
3	Negative Power	Large White
4	Positive to Switch	2 Small Red
5	Safety Switch	2 Small White
6	Up Thumb Switch & Remote	2 Small Black
7	Motor	Large Black
8	Motor	Large Red



NOTE: Do not pull plug out by wires, this could loosen/damage them.

Volaro Series 4 Stand

PA600

Troubleshooting and Maintenance Guide

Problem	Cause	Solution
Lift		
1. Lift won't go up or down.	1. Dead power pac. 2. Power pac is not making connection. 3. Actuator is not working. 4. Hand control is not connected properly or hand control is damaged. 5. Circuit Breaker popped 6. Bad lift control swith in handle.	1. Switch power pac or charge power pac. Replace if defective. 2. Make sure power pac is making contact with terminals. Check for any melting of plastic around contacts. Replace terminal contacts. 3. Replace motor and/or actuator. 4. Check cable and connections. Replace if necessary. 5. Push in breaker. Replace if necessary. 6. Check connection. Replace red button.
Actuator		
1. Actuator makes noise. 2. Actuator shuts down during operation.	1. Faulty/worn out actuator. 2. Power pac is low 3. Actuator overload.	1. Replace actuator 2. Charge power pac. 3. Check to make sure not over weight capacity.
Power Pac		
1. Power pac runs down quickly 2. Power pac light stays on	1. Power pac is worn out or not being charged when red charge light comes on lift. 2. Power pac is worn out or circuit board is bad.	1. Make sure power pac is put on charger if red light comes on. Leave on overnight. Replace power pac if needed. 2. Make sure power pac charger is working properly.
Power Pac Charger		
1. Power pac charger lights do not come on when plugged in	1. Failed Transformer 2. Electrical outlet may not be operational	1. Order a new transformer 2. Use different outlet
2. Yellow light does not come on when power pac is inserted	1. Charger bad – verify by using new power pac 2. Power pac dead	1. Order new charger 2. Order new power pac
3. Red light stays on	1. Power pac shorted or reversed leads 2. Charger needs to be reset 3. Power pac is totally discharged	1. Replace power pac 2. Take out power pac, unplug transformer, but power pac back in, plug in 3. Leave power pac on charger for 24 hours to see if it will revive

Volaro PA600
General Procedure Guide for Training

This form is intended as a guide to help you develop a procedure sheet that will fit your specific application in your facility. It is recommended that everyone be in-serviced by the manufacturer's in-service video before operating any mechanical lift.
(This for should be copied for each operator and kept with their personnel records.)

Staff Name: _____ Date: _____

Checked Off By: _____

Yes	No	
		1. Identify the resident.
		2. Explain what you are going to do.
		3. Wash hands.
		4. Get supplies ready, sling, wheelchair, blanket or lap robe.
		5. Get help from experienced team member for this procedure.
		6. Have assistant stand on opposite side of bed to assist with transfer.
		7. Provide privacy. Pull curtain all around the bed.
		8. Position wheelchair at foot of bed.
		9. Adjust bed to working level.
		10. Make sure power pac indicator does not indicate a low power pac. (If so, replace)
		11. Examine lift sling for any damage: tears, frays or weak areas.
		12. Make sure the correct size sling is to be applied.
		13. Lower side rails
		14. Raise head of bed to upright position
		15. Ask resident to lean slightly forward, then slide the sling harness behind the back and around the torso so the top is just under the arms and the bottom is just above the buttocks.

Yes	No	
		16. Fasten the safety belt and pull it snug.
		17. Using proper body mechanics, assist the resident's legs to the edge of the bed while you stabilize the upper body. (ask for assistant if needed)
		18. Move the lift towards the resident and show them where to place their hands and feet. Assist their feet flat onto the foot board.
		19. Attach the straps of the sling harness to the lift and raise the resident clear. Remember to adjust the safety strap as the resident comes up to keep it snug at all times.
		20. Lift resident until buttocks have cleared the bed. Give assurance to the resident.
		21. Pull the lift clear form the bed, widen the base and position around wheelchair or com-mode.
		22. Lock wheelchair brakes.
		23. Lower and guide the resident all the way back in the wheelchair.
		24. Detach safety belt and sling straps from lift.
		25. Move lift away and adjust for comfort. Position feet on foot rests.
		26. Cover lap with blanket and leave call light within reach.
		27. Wash hands.
		28. Report reaction and overall tolerance to team leader.

Maintenance Schedule
Volaro Series 4 Stand

Every Day

- After each person you lift, you should check the sling, and launder if needed. Refer to the VOLARO laundering instructions.
- Check the condition of all slings. If you are in doubt of its operational ability to safely lift a person, then discard the sling and order a new sling. SMT recommends replacing slings after 2 years of use.
- Check to see that strap retainer flapper and spring are working.
- Check the lift; if the "RED" light is on , charge the power pac ASAP.
- Keep your VOLARO lift clean by wiping it down with a damp cloth. Use a mild detergent if needed.

NOTE: Do not use a petroleum based solvent on paint, decals or plastic.

Every 3 Months

- Lube pivot points on lift.
- Grease actuator with a good heavy duty #2 grease. **(Note: Do not use a silicone or WD 40 type lubricant on the actuator)**
- Check leg adjuster notch plate for signs of wear.
- Check the movement of the lift; remove hair from the casters if needed.
- Check leg covers; if cracked replace with new ones.
- Check all vinyl covers; if worn, replace with new ones.
- Check all external fittings; tighten where needed.
- Remove padding and check shoulder bolt and fittings.

Periodic Testing

- General Lift Condition: A general visual inspection of the external parts and all functions can be carried out at any time to ensure no adverse damage has occurred. If any doubt, withdraw the equipment from use and call SMT Customer Service.

Other Maintenance

- Actuator bearing (ball screw nut) must be replaced when grinding noise is heard but not longer than **5 years**.

NOTE: On the next two pages, you will find a sample monthly lift inspection sheet and check off sheet. We encourage you to make copies for each lift and keep for your records.

This is a suggested maintenance schedule, depending on use.
The equipment may need to be inspected more frequently.

Service Questions? Call Toll Free: (800) 725-7761

Volaro Stand Items To Inspect

1. **Y-Beam Stand Lift**
   - ☐ Strap Retainer Springs
   - ☐ Vinyl
2. **Nuts and Bolts**
   - ☐ Check All Nuts and Bolts
3. **Leg Adjuster Handle**
   - ☐ Condition (Check wear at pivot points.)
   - ☐ Check All Attaching Hardware Tight
4. **Leg Adjuster Notch Plate**
   - ☐ Wear (Legs kept securely in locked position?)
   - ☐ Attaching Hardware
6. **Leg Linkage**
   - ☐ Hardware Condition
7. **Slings (Reasons to discard)**
   - ☐ Worn
   - ☐ Frayed/Loose Threads
   - ☐ Bleached Out
8. **Actuator:**
   - ☐ Noise-Up/Down (Replace bearings after 5 years)
   - ☐ Grease (should be greased at least semi-annually)
9. **Power Box:**
   - ☐ Plastic Guides in Place
   - ☐ Terminals
   - ☐ Remote Jack
   - ☐ Holder or Lens
10. **Thumb Switches**
    - ☐ Left and Right
11. **Knee Rest**
    - ☐ Safety Strap
    - ☐ Vinyl
    - ☐ Pivot
    - ☐ Adjusting Pins/Knobs
12. **Remote**
    - ☐ Switches
    - ☐ Strain Relief
    - ☐ Curly Cord
13. **Casters**
    - ☐ Brakes
    - ☐ Swivel
    - ☐ Roll
    - ☐ Bearings
14. **Leg Bumpers**
    - ☐ Cracked or Missing
15. **Charger**
    - ☐ Operation
    - ☐ Lights
    - ☐ Terminals (Bent or worn)
16. **Power Pacs**
    - ☐ Load Test
    - ☐ Age
17. **Grips**
18. **Legs**
    - ☐ Pivot
    - ☐ Attaching Hardware
    - ☐ Alignment
19. **Welds**
    - ☐ Visually Inspect for Cracks
20. **Paint**
21. **Decals**
    - ☐ Correct
    - ☐ Missing
22. **Other:**

Copy and use this form for Each Lift.

Lift Inspection must be done Monthly. (sling included)
Model
Serial #

Date	Checked By:	Repairs Needed	Completed

SMT Health Systems
www.patientlift.com
sales@smthealthsystems.com
800-725-7761

SMT Health Systems™
making healthcare simple

Product Warranty

PA600

1 YEAR Limited

Parts
- Casters
- Hand Control
- Power Pac
- Spring Retainer Clip
- Motor
- Actuator
- Any Other Moving Parts

Limited Warranty on all parts only under conditions of normal and intended use.

2 YEAR Limited

Slings
- Manufacturer's Defects

10 YEAR Limited

Main Structure
- Main Integrity and Welds of:
  - Frame
  - Base
  - Legs

Misuse, damage or alterations to body of lift or any of its parts, **Voids the Warranty.** No other warranties written, verbal, implied or other than listed here, will be honored.
Shipping charges not included.

Customer Service:
Phone: 800) 725-7761
Email: sales@smthealthsystems.com
Efax: (888) 385-2345
www.patientlift.com

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