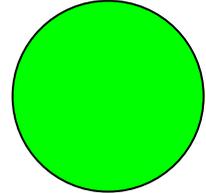
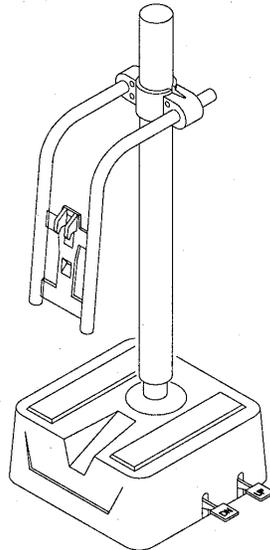


Penner Stationary Patient Lift



Penner Stationary Patient Lift  
*Installation / Assembly*  
*Instructions*



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## **Introduction:**

These instructions are for the installation of a Penner Stationary Patient Lift (also referred to as the Penner-Lift) and the Penner-Transfer/Seat. They are intended for use when the Penner-Lift is being installed with something other than a Penner tub.

If the Penner-Lift is to be installed with a Penner tub, please reference the installation manual for the tub. Complete Penner-Lift installation instructions can be found there.

## **Terminology and Symbols Meanings:**

When the terms “left” or “right” are used with reference to the tub, this means left or right as you look at the control panel from the seat end of the tub.



Meaning: Safety warning. Failure to understand and obey this warning may result in injury to you or to others.

**CAUTION**

Meaning: Failure to follow these instructions may cause damage to parts or systems.

**NOTE**

Meaning: This is important information for proper use of this system or equipment.

## **Rough-In Requirements**

### **Electrical requirements:**

For Penner-Lifts not installed with a Penner tub, a 15 amp GFCI protected circuit is required with a switch that is accessible within the room in which the lift is installed.

For Penner-Lifts installed with a Penner tub, reference the tub installation manual for circuit requirements for the tub. (The Penner-Lift is connected through the tub)

## **Unpacking the Penner-Lift**

1. Unpack the Penner-Lift from the shipping carton by first removing the band at the bottom of the carton.
2. Open the top of the carton, remove and save for later use, the “lift base template”. (All other packing materials can be discarded)
3. Remove the outer carton by lifting it up and off of the Penner-Lift.
4. Remove the (two) screws holding the lift base cover. Remove the base cover escutcheon. Raise the base cover, rotate it and set it back down so you can get to the shipping bolts and nuts in two of the corners of the base.
5. Remove shipping bolts and nuts from the plywood used to protect the base during shipping. Discard the plywood and shipping bolts. Retain the mounting kit (Roc-kite box) packaged with the lift.

## **Anchoring the Penner-Lift:**

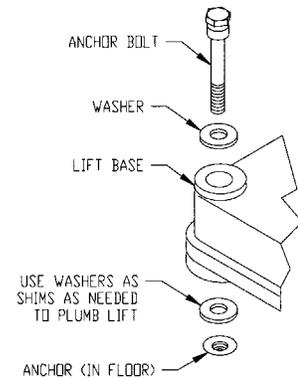


These instructions for anchoring the Penner-Lift are written with the assumption that the installation is being done on a concrete floor. If this is not the case, the anchoring system of the lift will have to be specified by an architect for the floor involved.

6. Position the lift base as required for use relative to the tub.
7. Mark the four anchor locations on the floor. Remove the Lift.
8. Drill 1” diameter holes 2 7/8” deep with masonry drill. Vacuum all loose materials from the holes and the work area.
9. Assemble the anchors to the bottom side of the provided lift base template, with the provided 7/16 x 3/4 inch hex bolts in the four corner holes. Place the template with anchors into the drilled holes to ensure a proper alignment and depth.
10. Mix Rockite cement according to instructions in the kit. Pour the mixture into the holes to within 1 inch of the top of the holes (to provide for displacement by the anchors).
11. With the anchors still attached to the template, push them into the holes immediately. Make sure each anchor is firmly pushed in enough so that the template is flush on the floor. Let set for 30 minutes, then remove the bolts,

template, and excess Rockite from the floor. (Discard the 7/16 x 3/4-inch hex bolts and template.)

12. Carefully move the lift into position and align the anchoring holes in the base over the anchors.
13. If the floor is not level, use the 7/16-inch flat washers provided as shims to level the base so the lift column is plumb. See figure 1. Install the provided anchor bolts using minimum torque until you are sure that the lift is plumb. Then tighten the bolts until the hex portion of the bolt twists off. (This ensures the bolts are properly torqued)



This unit is to be connected only by a licensed electrician.

Figure 1  
Shimming the Lift Base.

14. Ensure that the supply power has been turned off before wiring the Penner-Lift.
15. Electrical requirements for the Penner-Lift are a 120 volt, single phase, 60 hz, 15 amp GFCI protected circuit with a switch which is accessible from within the room which will control power to the lift. Power wires to be ran to the lift within proper conduit. A 1/2 –14 NPT threaded has been provided in the side of the lift for connection of the conduit.
16. Remove the 2” x 4” cover from the junction box of the lift base.
17. Connect the power supply lines with provided wire nuts. Line power connects to the black lead, neutral supply connects to the white lead, and a grounding lug has been provided for grounding.
18. Replace the 2” x 4” box cover, the base cover, and escutcheon. Install the base cover screws.
19. Check that the Penner-Lift is operable by depressing the “UP” pedal. The lift column should rise while the “UP” pedal is depressed.

20. Remove the Penner-Transfer frame and parts from the shipping carton.
21. Place right and left arms on the wheel frame assembly as shown in figure 2. Secure the arms with 1/4-inch x 1 3/4-inch screws and acorn nuts. Tighten securely.

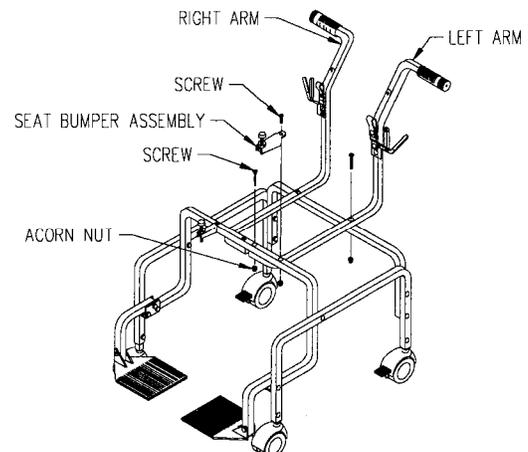


Figure 2

## Electrical Connection of the Penner-Lift

## Penner-Transfer Assembly

22. Attach the seat bumper assemblies with screws and acorn nut as shown in Figure 2 and tighten securely.
23. Remove the seat from the shipping carton.
24. Assemble the transfer plate as shown in figure 3, leaving the screws loose.
25. Place the seat on the Penner-Transfer and engage the safety latches.

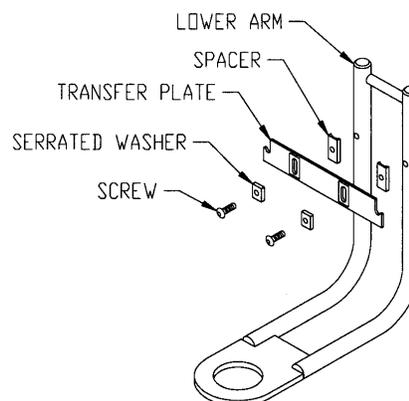


Figure 3

**If installing a scale proceed to**

**Step 29.**

26. Loosen the setscrews and slide the upper arm away from the column clamp as far as possible. (Safety screw limits extension). Continue with step 31.
27. Raise the lift and swing the arm into the tub. Lower the lift to its lowest position.
28. Arm should be 1/2" above the tub rim. If adjustment is necessary loosen the fore clamp screws in figure 4 and reposition as necessary. Re-tighten the four clamp screws and recheck the seat to tub clearance. If the proper clearance is there, torque the clamp screws to 40 ft lbs. (Continue with step 32)

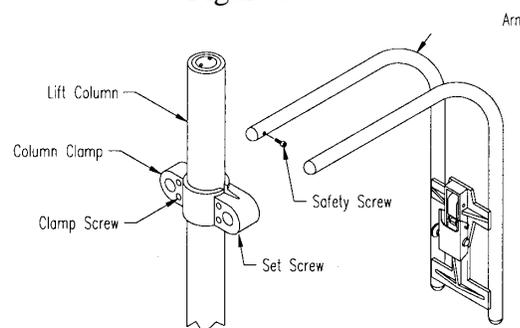


Figure 4  
Upper Arm/Column Clamp

**Scale Installation**

29. Open the scale carton. Remove only the column clamp-load cell-arm assembly.



Warning! This assembly weighs approximately 55 pounds. Have someone help in handling and supporting it while adjustments are made.

30. With the lift in the lowest position, place the arm assembly over the

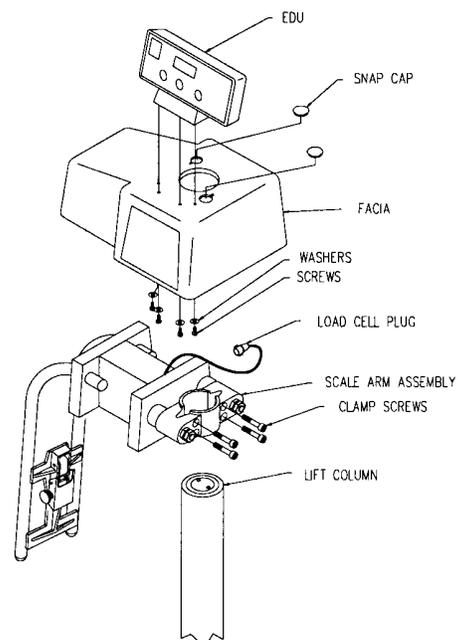


Figure 5  
Scale Assembly

column and slide it down with the arm in the tub. Set it at a position so that it is 1/2 inch above the tub rim.

31. Tighten four clamp screws enough to support the weight itself and the weight of the seat.
32. Raise the lift and swing the arm assembly out of the tub. Lower the lift to a point that the inverted hooks are approximately 1" above the height of the cross bar of the seat lower arm.
33. Back the Penner or Saf-Kary -Transfer with seat into the hook up position as shown in the center illustration in figure 7.
34. Use the seat bumpers adjustment and the transfer plate slots, to adjust the alignment of the lower arm (on the seat) to the upper arm (on the lift) so that they are parallel "front to back" (see figure 6) and "side to side". Adjust the Patient-Transfer and seat for perfect alignment of the lower arm to the upper arm. It is best to make the final adjustments with at least 150 lbs of weight or a person sitting in the seat.

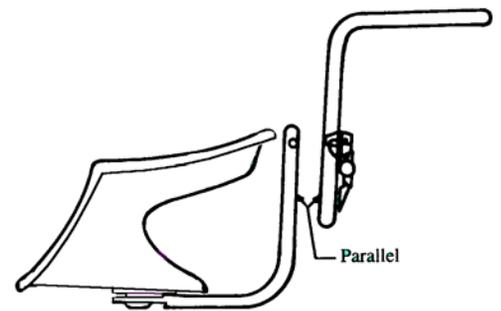


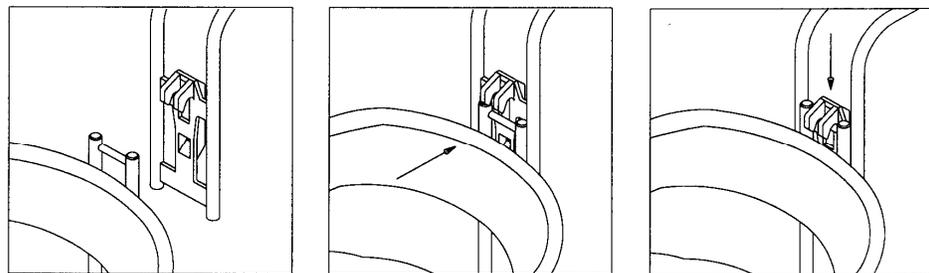
Figure 6

NOTE

This adjustment is very important for the easy "hook-up" of the seat to the lift.

35. Once the adjustments to align the upper to the lower arms have been made, hook the lower arm to the lift by doing the following.
36. Ensure that the latch is in the open position. Open the locking mechanism of the upper arm by sliding the lock pin (marked "PUSH") to the open position (red ring showing). Open the green cover and pull the small tang to open the latch. You can then allow the green cover to close.

## Hooking the Seat to the Lift



Start

Back in  
Figure 7

Lower Lift

37. Back up the Penner or Saf-Kary-Transfer with seat to the upper arm. (See figure 7) Lower the lift so that the inverted hooks of the upper arm come down over the cross bar of the lower arm until the mechanism locks. Push in the locking pin marked "PUSH" (green ring will show).

38. Release the safety locks (red handles), and raise the seat up to the maximum height for the lift. (The lift will make a different sound when it hits the top). Release the up pedal. Momentarily press the down pedal. Rotate the seat over the tub. Depress the down pedal and lower the seat into the tub until the lift stops – the lowest position for the lift.
39. (If no Scale) Slide the upper arm/seat back toward the column clamp until the clearance between the green plastic latch and the inside wall of the tub is about 1 inch. Tighten the Upper Arm set screws as shown in figure 4.
40. With the lift in the lowest position, check the clearance between the lowest part of the seat (bottom of the lower arm) and the seat of the tub. There should be 3/4 to 1 1/4” clearance. If there is not enough clearance or too much clearance, it will be necessary to adjust the position of the column clamp on the column.

## CAUTION

Failure to ensure this clearance could result in damage to the tub.

### Adjustment of Upper Arm if necessary:

41. To adjust the height of the column clamp (or scale arm assembly), loosen the four clamp screws.



The column clamp, upper arm, and seat are very heavy. While loosening and adjusting the height of the column clamp, have another person helping to support the weight.

42. Re-tighten the four clamp screws and recheck the seat to tub clearance. If the proper clearance is there, torque the clamp screws to 40 ft lbs. Raise the lift high enough to rotate the seat out of the tub. Lower the lift and place the seat on the Penner-Transfer. Ensure that the transfer plate has engaged properly onto the pins properly. Secure the safety latches.
43. Release the seat from the lift by moving the slide lock pin (marked “PUSH”) to the open position (red ring showing). Opening the green latch cover and pulling the small tang that opens the latch. While holding the latch open, raise the lift by about two inches. Release the latch and latch cover. Roll the Penner-Transfer and seat away from the lift.

(Standard Arms only)

44. Raise the lift and rotate the upper arm into the tub. Lower the lift to its lowest position.

45. Slide the upper arm toward the column clamp until the clearance between the green latch cover and the tub wall is about 1”.

46. Tighten the column clamp set screws.

(Scales only)

47. Fasten the electronic display unit to the facia with the screws and washers provided.

48. Slide the facia assembly down over the column of the lift. As the facia is being lowered into position, feed the load cell cable through the opening in the facia.

Check that the cable is not going to interfere with snapping the fascia in place.  
Snap the fascia into place on the load cell support arms.

49. Install the load cell plug into the socket on the back of the electronic display unit. Ensure that the connector-coupling ring is fully locked into position. Place the snap cap in the opening on the fascia.

The installation of the Penner Stationary Lift is now complete.



**Warning!**

**Do not** attempt to operate this equipment before an authorized Penner Representative inspects it and selected personnel are trained in the operation of the equipment. The use of this equipment before inspection, adjustment, and training by the Penner Representative could result in damage to the equipment or injury to the operator and resident. Please call 1-866-736-6377 or 1-800-732-0717

For your nearest distributor, contact:

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