



Installation and Operating Instructions for Parker Bath Integrated Scale Model 2500



System Includes

- Electronic scale unit
- Two (2) loadcell assemblies with cables
- Connecting bolts
- Scale unit mounting bracket

To avoid injury, read this manual before using scale unit.

Installation:

1. Disconnect power cord from the bath. Disconnect fill hose at the wall box and also the flexible drain hose. Slide bath away from the connection area. Assure that the door is closed and locked. Lay a padded blanket alongside the bath on the side opposite the entry door. Tilt the tub and lay it carefully onto the blanket.

2. Note the bath comes with four (4) feet installed. Remove them. Attach the two (2) loadcell assemblies to the bath as shown in Figures 1 and 2. Place the loadcell assembly as shown as use the bolts provided to attach it to the bath. Note the U-shaped assembly goes at the front end of the bath; the straighter assembly attaches at the rear of the bath. Bolts will go into the holes previously used for the feet. Center the assembly so that when the bath is upright, the bath body will extend below the scale plates.

3. With the assembly complete, the cables trail toward the scale unit from the same side of the bath. Take care not to route the cables alongside the bath's AC power cord. Tilt the bath carefully back into the upright position and reassemble the water connections and power cord.

4. Mount the scale's bracket to the wall in a location that is convenient to reach and see. The bracket has a hole on one side and a slot on the other. When properly assembled, the slot will face up.

Important Warnings:

Warning: Possible Injury. Take care not to route the load cell cables close to the bath unit's AC power supply cord. In the unlikely event that both are cut and shorted together, injury may occur.

Warning: Possible Injury. Disconnect all plumbing and electrical connections when installing or servicing the Parker 2500 scale.

Warning: Possible Injury. Caution: When servicing unit, be sure that replacement parts have been installed according to instructions.

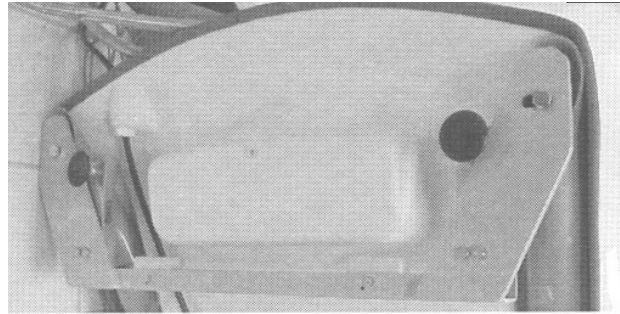


Figure 1: This U-shaped assembly installs at the head end of the bath, in place of the original feet that ship with the Parker Bath Series 400 tubs. Note the assembly bolts directly to the chassis frame of the bath.

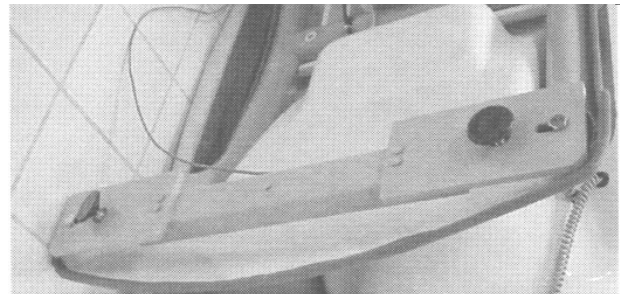


Figure 2: This assembly installs at the foot end of the Parker Series 400 bath.

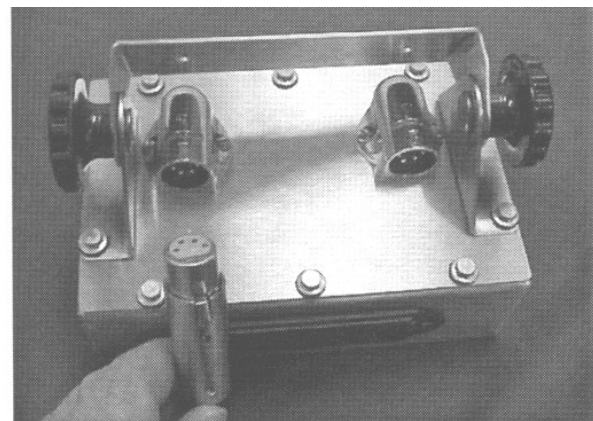


Figure 3: Leads from the load cells plug into outlets on the back of the scale unit.

5. Attach the scale indicator onto the bracket.
6. Connect the two (2) loadcell cords from the loadcell assemblies to the indicator. Each connector accepts either plug. See Figure 3.

Operation:

1. To turn on the scale, press the “ON/ZERO” pad. The display will perform a startup sequence, showing a random display, then 2500 and then either 0.0 or some minimal weight.
2. Pre-fill the bath. Press the “ON/ZERO” pad to zero the display. The display will show the word “ZEro” while the pad is pressed, then will go to 0.0 when the pad is released.
3. Assist the patient into the bath. The patient’s weight will be displayed on the indicator. When the weight stabilizes the “HOLD” annunciator will appear in the lower left hand portion of the display. Assure that you are not touching any part of the bath when taking the reading.
4. If the display turns off before the weight is taken, simply press the “ON/ZERO” pad to turn the scale on and read the weight (be careful to press the “ON/ZERO” pad only once to turn the scale on, or inadvertently the display may be zeroed while the patient is in the bath). If the scale is zeroed, you can still retrieve the weight. When you remove the patient from the bath, (leave the water in the bath), the indicator will show the weight as a negative number. The display flashes for negative numbers.
5. To change the display unit from lb to kg to from kg to lb, press and hold the “LB/KG” pad for approximately 3 to 4 seconds. The display will show the “conv” message then blank and the unit annunciator will change from LB to KG or from KG to LB. Release the “LB/KG” pad after the unit annunciator changes.
6. To recall the last patient’s weight, the scale must first be turned on. Press the center of the RECALL pad to the left of the “ON/ZERO” pad on the front of the scale. The display will show the message “rECL” then alternately flash between the stored weight and the “rECL” message. This weight is the over 50 pounds that went into “HOLD”.
7. If the battery symbol appears, replace the batteries with 4 AA alkaline batteries. The battery access cover is on the bottom of the scale indicator. Assure that the polarity is observed. The

orientation of the batteries alternates between positions in the holder.

Calibration:

1. Should calibration be necessary, all that is required is a 25 lb precision weight. Do NOT use bags of flour or other packaged goods for weights; instead contact Sunrise Medical to purchase precision weights.
2. To enter calibration mode, first press and hold the “ON/ZERO” pad. While holding the “ON/ZERO” pad, press and hold the “LB/KG” pad. After approximately 3 seconds the message on the display will change from “ZEro” to “CAL”. Release both pads at this time and the display will show the “C 0” message.
3. Make sure the bath is empty and press the “ON/ZERO” pad. The indicator will count down from –16- to –0- while taking readings and store the zero point. When finished, the indicator will show the “C 25” message.
4. Place a 25 lb test weight in the bath and press the “ON/ZERO” pad once again. The indicator will count down from –16- to –0- while taking readings, and the scale will calculate and store the span calibration. The indicator then automatically returns to the normal weighing mode. Calibration is now complete.

Maintenance:

It is recommended that periodic inspections of both the bath and the scale be performed every six months. Talk to your Sunrise Medical representative about a schedule.



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