



500HB Installation Instructions



Thank you for purchasing this Health o meter® Professional product. To prevent patient/caregiver injury or damage to your scale, please follow the instructions in this user manual very carefully.

Refer to the scale type from the list below and follow the instructions on the page noted.

500KL – Assembled Scales (Scale Version REV J Only) - Refer to the scale's product label to determine the scale versionpg. 2

500KL – Unassembled Scales (Scale Version REV J Only) - Refer to the scale's product label to determine the scale versionpg. 3

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Cautions and Warnings

- The handlebars are intended for patient use only. Do not use the handlebars to transport the scale or use the scale as a handcart to transport items.
 - To prevent patient injury, the patient must be attended throughout the entire weighing event. Caregivers should ensure that the patient is stable and provide support as needed when getting onto and off of the scale.
 - Do not allow the patient to use the handlebars to pull themselves onto the scale.
 - Excessive movement of the handlebars may affect the weight lock function.
 - Do not allow patients to use excessive force to push or pull on the handlebars during the weighing process.
- In no event whatsoever shall Pelstar®, LLC be liable for damages or injuries whatsoever arising out of or connected with the assembly, use, or misuse of its products.

Tools Included: ¼” Drill Bit*, Allen Wrench, Ratchet Allen Wrench, **Tools Required:** Utility Knife, Power Drill*
 (*Note: Power drill and drill bit are not required when mounting handlebars onto scales with factory installed mounting holes and cover caps. See photo on page 7.)

Parts List:



Drill Guide



Alcohol Wipe



Ratchet Allen Wrench



Allen Wrench



¼” Drill Bit*



500HB Handlebar



1/4-20 X 2 1/4
Button Head
Screws, 8 Each



1/4-20 X 1/2
Button Head
Screws, 4 Each



500HB Mount
Bracket, 2 Each



500HB Base



500HB SPACER
(not used on 502
series scales)

500KL – Assembled – Version J Scales Only

1. Gently place the fully assembled scale on a flat, level surface on its side.

Place the scale on its side, supporting both the display head and the platform:



Or use a chair to support the display head and the floor to support the platform.



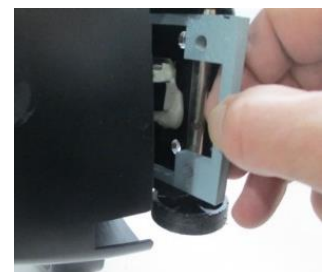
2. Locate the four screws and washers at the bottom of the pillar on the underside of the platform. Using a Philips screwdriver, loosen all four screws until the washer is released. Place the washer aside for reassembly in step 6. **DO NOT FULLY UNDO THE SCREWS FROM THE PILLAR.**



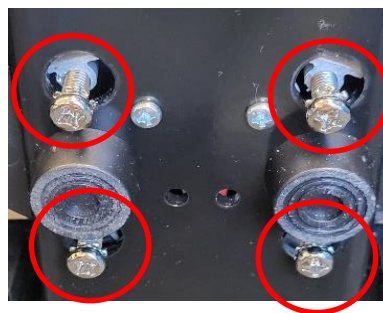
3. Carefully separate the pillar from the platform to create a gap to be able to insert the spacer. Ensure the end of the pillar screws are completely separated from the platform to allow for enough space to insert the spacer, as shown in the next step. **Caution: Ensure the load cell cable does not disconnect from the load cell port.**



4. Through the opening between the pillar screws and the platform, slide the spacer into the gap. Position the spacer so that the open end of the spacer slides around the load cell cable and so the mount holes in the spacer align with the holes in the platform. Ensure the spacer sits flat on the metal face of the platform. Note the indicator showing “FACE UP” to ensure the spacer is inserted face up towards the top of the pillar.



5. Realign the platform and pillar to close the gap, inserting the pillar screws through the spacer and into the platform. Ensure all four pillar screws are completely protruding from the bottom of the platform.



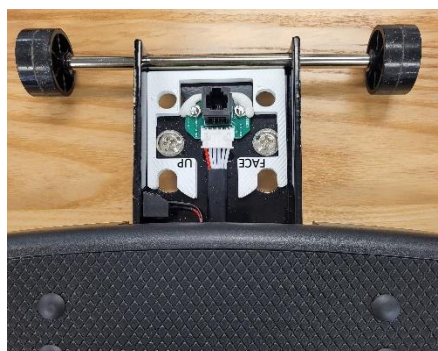
6. Obtain the four pillar fastening washers removed in step 2. Place a washer on one of the pillar screws, flush along the platform as shown. Pull slightly back on the pillar to trap the washer in place while using a Philips screwdriver to tighten the pillar screw completely into the platform. Place the remaining three pillar fastening washers onto the pillar screws and completely tighten. Ensure the pillar and platform are aligned and perpendicular as each screw is tightened. **When finished, return the scale to its upright position and ensure the pillar is securely in place with no movement.** If the pillar is not completely secure, tighten pillar screws as needed to until the pillar is firmly in place.





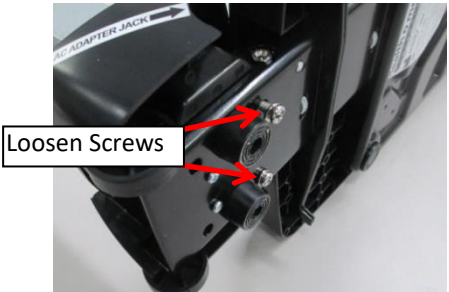
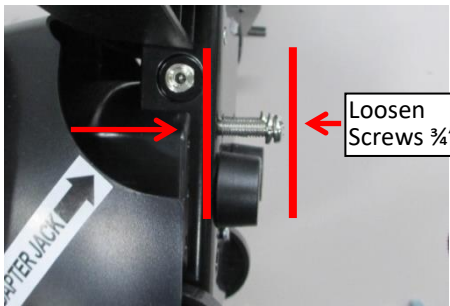
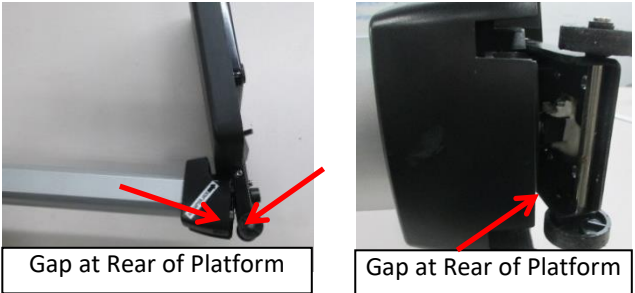
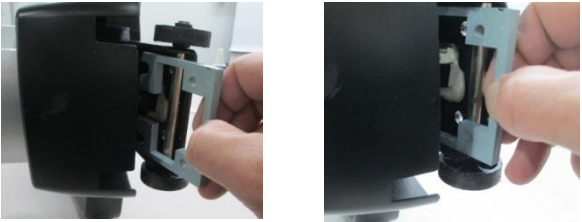
Continue to Handrail Installation, see page 7.

500KL – Unassembled – Version J Scales Only

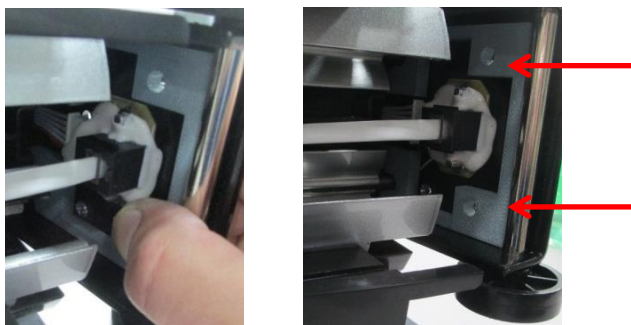
Follow the scale's assembly instructions included in the scale user manual and stop at step 3 . Before placing the wheel cover and pillar onto the platform, place the spacer onto the rear of the platform as shown below. Note the indicator showing "FACE UP" to ensure the spacer is inserted face up. Follow the remaining assembly steps in the scale user manual. When completing the assembly, ensure the spacer stays in place when turning the scale onto its side. After completing scale assembly, continue to Handrail, see page 7.



500KL – Assembled

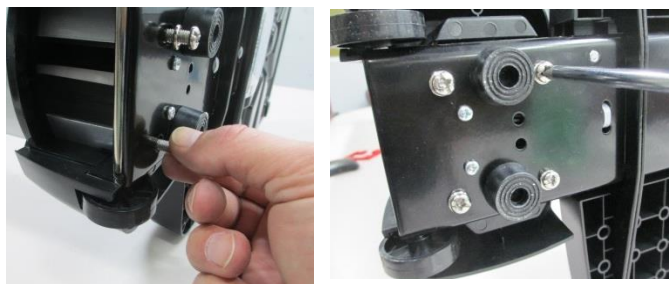
<p>1. Gently place the fully assembled scale on a flat, level surface on its side.</p>	
<p>2. Remove the two rear screws (closest to the wheels) that secure the scale pillar to the platform.</p>	
<p>3. Loosen but DO NOT REMOVE the two forward screws (closest to the scale platform). Loosen screws approximately $\frac{3}{4}$". <i>Note, the Load Cell Cable does not need to be removed.</i></p>	
<p>4. Loosen screws approximately $\frac{3}{4}$".</p>	
<p>5. Tilt the front edge of the platform toward the top of the scale opening a gap at the rear of the scale. Caution: Ensure the load cell cable does not disconnect from the load cell port.</p>	
<p>6. Through the opening in the gap, slide the spacer into the gap. Position the spacer so that the open end of the spacer slides around the load cell cable. Note the indicator showing "FACE UP" to ensure the spacer is inserted face up towards the top of the pillar.</p>	

7. Slide the spacer into the platform and position the spacer so that the mount holes in the spacer align with the holes in the platform and lies flat against the metal platform.



8. Realign the platform and pillar to close the gap. Insert the two screws removed in step 2 into the mount holes on bottom of platform and lightly handtighten. When the pillar and platform are aligned tighten all four screws securely using a Phillips screwdriver.

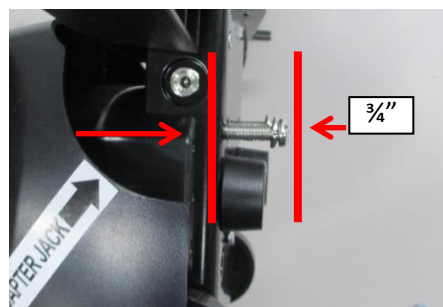
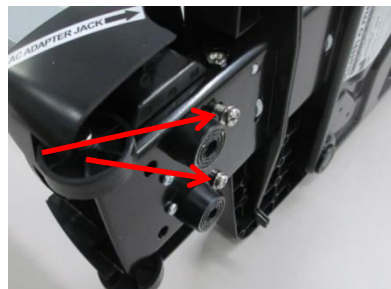
Continue to Handrail Installation, see page 7.



500KL – Unassembled

Follow the scale's assembly instructions included in the scale user manual and stop after step 6. To complete pillar and platform assembly, proceed with the following procedure.

1. Insert the two forward screws (closest to the scale platform) until they protrude approximately $\frac{3}{4}$ ". Do not completely tighten at this time. *Note, the Load Cell Cable does not need to be removed.*



2. Tilt the front edge of the platform toward the top of the scale opening a gap at the rear of the scale. **Caution: Ensure the load cell cable does not disconnect from the load cell port.**

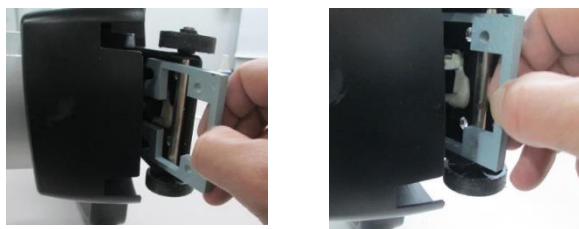


Gap at Rear of Platform



Gap at Rear of Platform

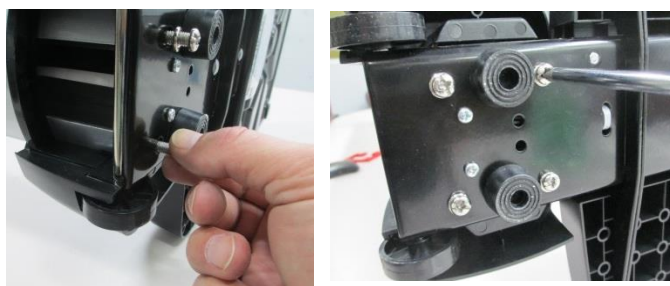
3. Through the opening in the gap, slide the spacer into the gap. Position the spacer so that the open end of the spacer slides around the load cell cable. Note the indicator showing "FACE UP" to ensure the spacer is inserted face up.



4. Slide the spacer into the platform and position the spacer so that the mount holes in the spacer align with holes in the platform.



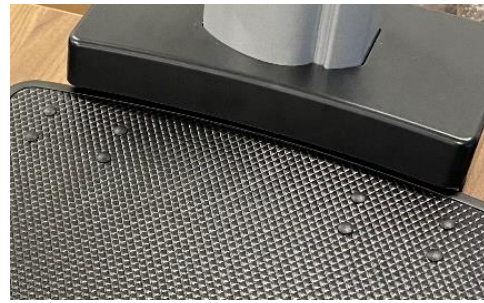
5. Realign the platform and pillar to close the gap and insert the remaining two screws into the mount holes on the bottom of the platform. Then tighten all four screws securely. **Continue to Handrail Installation, see page 7.**



Handrail Installation – All Scale Versions

Note: If your scale has the factory installed mounting holes and cover caps as shown, follow installation step 1.A and proceed to step 7.

For scales without cover caps start with step 1.B then proceed to step 7.



Scales with cover caps, perform step 1.A then proceed to step 7.

1.A For scales with factory installed mounting holes and cover caps:

Place the drill guide onto the bottom of the scale platform as shown. Obtain the included Allen wrench and insert the wrench into the holes in the drill guide to push the cover caps upward. Remove all four caps from this side of the scale and discard. Repeat these steps for the other side of the scale. Remove and discard the drill guide then skip to step 7.



Align edge of drill guide with edge of scale platform

1.B For scales without factory installed mounting holes and cover caps:

Place the drill guide onto the bottom of the scale platform as shown. Position drill guide so that the arrow on the guide points to center of the scale. Align edge of drill guide with edge of platform.

Align edge of drill guide with edge of scale platform



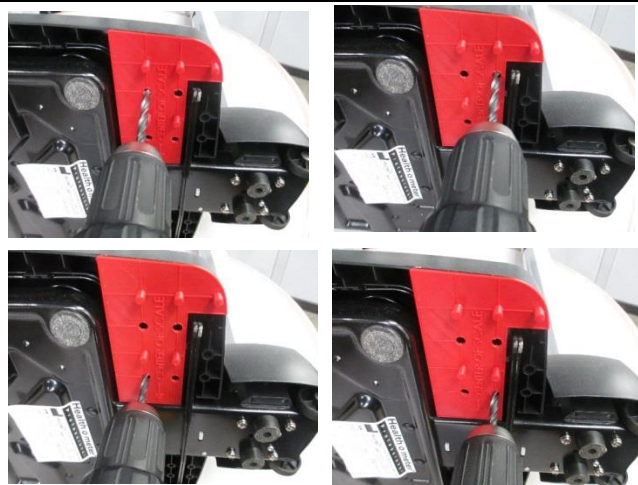
2. There are posts on both sides of the drill guide. These posts must slide into holes in platform.



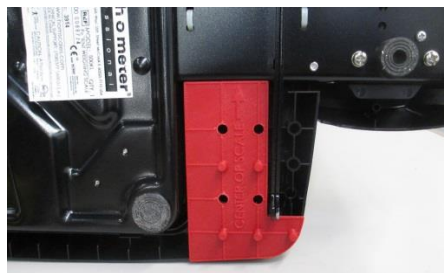
3. Drill guide must be positioned so that posts slide **fully** into holes on bottom of scale platform.



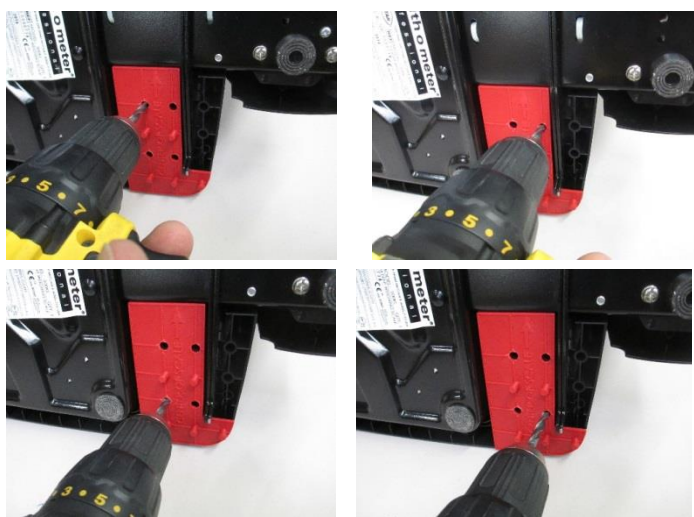
4. With drill guide properly positioned on bottom of scale platform, use a power drill and the provided 1/4" drill bit to drill four holes through the bottom of the scale platform.



5. Flip the drill guide (drill guide is used on both sides of the scale platform) and position it on the other side of the bottom of the platform.



6. With drill guide properly positioned on bottom of scale platform, use a power drill and the provided 1/4" drill bit to drill 4 holes through the other of the side bottom of the scale platform.








7. Remove and discard drill guide. Carefully place the scale upright on the floor. Platform will now have eight holes for mounting the handlebars.



8. Use a utility knife or similar tool to remove plastic burrs from the top of the scale platform.



<p>9. Using the provided alcohol wipe, clean the entire top surface of the scale platform.</p>	
<p>10. Obtain the handlebar and base. Align the bottom of the handlebar with the channels on the base. Slide the handlebar onto the channel until the bottom of the handlebar rests on the base. Ensure the holes in the handlebar align with the holes in the channel.</p>	
<p>11. Obtain the four ¼-20 x ½" button head screws. Insert all four screws into the back of the handlebar and into the channel until threads are engaged. Use the included ratchet allen wrench to fully tighten and secure the screws. Note: Only tighten once all four screws have been inserted into the threads. Ensure the switch on the ratchet allen wrench is set to the tightening action.</p>	
<p>12. Place the handlebar and base assembly around the display head as shown and lower onto the platform of the scale. Position the handlebar assembly onto the scale platform by aligning the holes in the plate with the holes in the drilled in the platform. Note: There is a strip of double-sided tape on the bottom of the handlebar base. This will be removed in step 15.</p>	
<p>13. Insert two of the provided 1/4-20 X 2 1/4" screws into the plate on the handlebars and into the scale platform, one screw on the outside of both sides of the handlebar channel. Insert the screws manually or using the included ratchet allen wrench. Do <u>not</u> fully tighten the screw at this stage.</p>	

14. Locate the strip of double-sided tape on the bottom of the handlebar base.



15. Slightly tilt the handlebar base up to allow for the removal of the tape backing strip. Peel off the backing strip. Lower the handlebar base onto the scale platform and apply light pressure for 30 seconds.



16. Using the included ratchet allen wrench, insert the remaining six button head screws through the handlebar base and into the scale platform. Do not completely tighten.



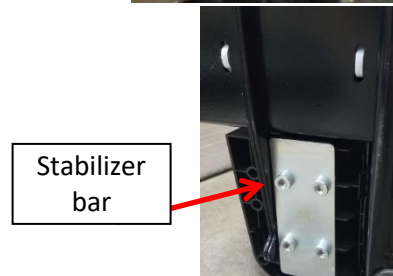
17. Access the bottom of the scale platform by placing the scale carefully on its side or up on a table. Obtain one of the silver mounting brackets and position it so that the flat side of the bracket faces the bottom of the platform.



18. Position the bracket as shown and thread the screw into the threaded nut on the bracket.

Note:

- If the scale platform includes a bar along the back ensure the silver brackets are not touching the bar when mounting the brackets underneath the platform. If necessary, loosen the screws to adjust, then retighten.
- If the scale platform has 5 feet it will not include the bar.



19. Repeat the process with the second mounting bracket. Then tighten all eight screws completely. Assembly is complete for 500 series scales.

If mounting on a 502 series scale, proceed to the next step.



Additional Steps for 502 Series Scales

20. Fully extend Height Rod as shown.



21. Using a Phillips head screwdriver, loosen but **DO NOT REMOVE**, the two mounting screws for the Height Rod through the access holes as shown. (First and third hole from the bottom of Height Rod). When loosening, there may still be some resistance but two full turns are sufficient to loosen the screw.



22. Firmly grasp the body of the Height Rod and lift upwards until the internal stop is hit. The movement will be approximately 1/4 of an inch.



23. Hold the Height Rod in place and retighten the two mounting screws. This adjustment allows for accurate height measurements with the added thickness of the 500HB Platform Plate. Lower the Height Rod to its home position as shown. Installation is now complete.



Limited Warranty

What does the Warranty Cover?

This Health o meter® Professional product is warranted from date of purchase against defects of materials or in workmanship for a period of two (2) years. If product fails to function properly, return the product, freight prepaid and properly packed to Pelstar, LLC (see "To Get Warranty Service", below, for instructions). If the manufacturer determines that a defect of material or in workmanship exists, the customer's sole remedy will be replacement of the product at no charge. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. All replaced parts are covered only for the original warranty period.

Who is Covered?

The original purchaser of the product must have proof of purchase to receive warranty service. Please save your invoice or receipt. Pelstar dealers or retail stores selling Pelstar products do not have the right to alter, or modify or any way change the terms and conditions of this warranty.

What is Excluded?

Your warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, abuse including tampering, damage in transit, or unauthorized repair or alternations. Further, the warranty does not cover natural disasters, such as fire, flood, hurricanes and tornadoes. This warranty gives you specific legal rights, and you may also have other rights that vary from country to country, state to state, province to province or jurisdiction to jurisdiction.

To get Warranty Service make sure you keep your sales receipt or document showing proof of purchase. Call (+1) 800-638-3722 or (+1) 708-377-0600 to receive a return authorization (RA) number, which must be included on the return label. Attach your proof of purchase to your defective product along with your name, address, daytime telephone number and description of the problem.

Carefully package the product and send with shipping and insurance prepaid to:

Pelstar, LLC

Attention R/A# _____

Return Department

9500 West 55th Street

McCook, IL 60525



PELSTAR, LLC

9500 West 55th St. McCook, IL 60525-7110 USA

1-800-638-3722 or 1-708-377-0600

Health o meter® Professional 500HB

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