

RL-HPJ Hand Pallet Jack Scale

Height Adjustment

Product: RL-HPJ Hand Pallet Jack Scale

Issue: Pallet height may vary causing the RL-HPJ forks not to fit properly

Solution: Adjust the RL-HPJ fork height by adjusting the rear clevis

The RL-HPJ Hand Pallet Jack Scale may not properly fit under pallets of varying heights.



Manuals and additional resources are available from the Rice Lake Weighing Systems website at www.ricelake.com

Warranty information can be found on the website at www.ricelake.com/warranties

Adjust the Rear Clevis



Note

Each half-turn of the rear clevis provides a 1/8" adjustment in height.

It is recommended to hold a straight edge to span the opening over the front wheels of the RL-HPJ for the total clearance distance between the front wheels and the top of the forks to ensure that the rear clevis is not adjusted to the point where the wheels will hit the straight edge.

Adjust the RL-HPJ Hand Pallet Jack Scale height using the following procedure:

1. Remove the four allen screws (6 mm) from the top of the forks.
2. Check to ensure that each load cell has two spherical washers.
 - Remove additional spherical washers if any load cell has more than two spherical washers

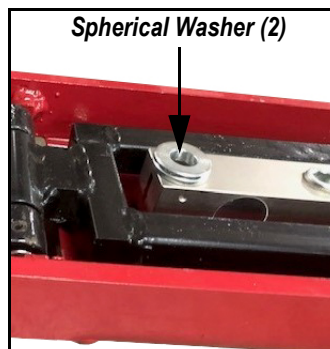


Figure 1. Check Load Cell Spherical Washers

3. Tip one side of the forks up and rest it on a solid raised surface, like a block of wood (non-marring), 6"-12" high.

4. Remove the 1/4" roll pin from the front pin, located between the front wheels.

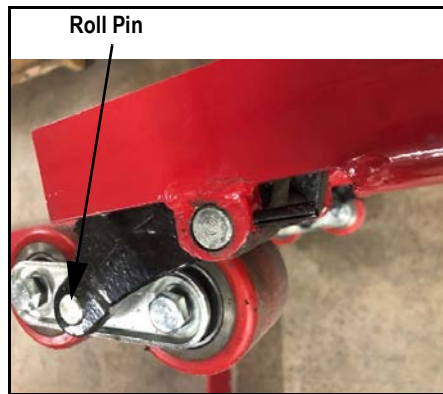


Figure 2. Remove Roll Pin

5. Remove the snap ring from the rear pin, located at the rear clevis. The rear clevis is located near the base of the handlebar assembly.

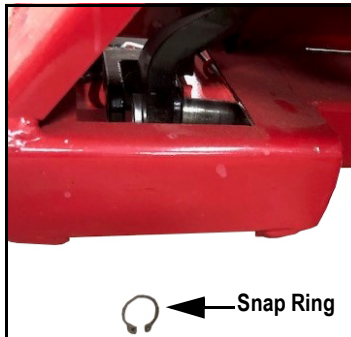


Figure 3. Remove Snap Ring

6. Remove the rear pin from the rear clevis. The rear clevis is located near the base of the handlebar assembly.



Figure 4. Remove Rear Pin

7. Remove front pin, using force against inside of fork to the outside, where the roll pin was removed in [Step 4 on page 2](#).

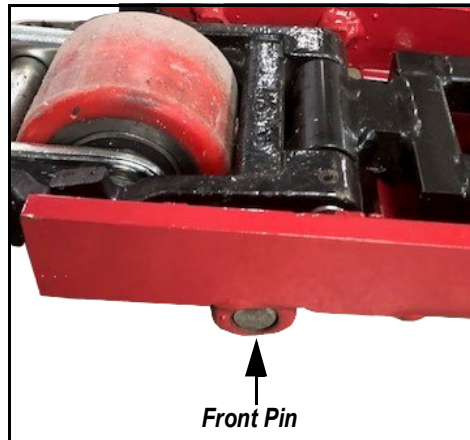


Figure 5. Remove Front Pin

8. Slide metal assembly around load cells forward to allow access to the rear clevis and lock nut.



Figure 6. Slide Metal Assembly

9. Loosen the lock nut then rotate the rear clevis to shorten the overall length of the metal assembly.
 - Each half-turn of the rear clevis provides a 1/8" adjustment in height
10. Tighten the lock nut and reconnect the rear pin, removed in [Step 6 on page 2](#).
11. Reinstall the front pin, removed in [Step 7](#).
12. Lay the two spherical washers on the load cells and set the fork covers back on to verify clearance for the front wheels prior to reinstalling the roll pin ([Step 4 on page 2](#)) and the snap ring ([Step 5 on page 2](#)) onto the front and rear pins respectively.
13. Repeat [Step 4 on page 2](#) – [Step 12](#) for the other fork.



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