

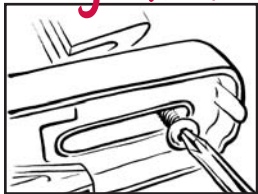
jack's

QUICK TIPS

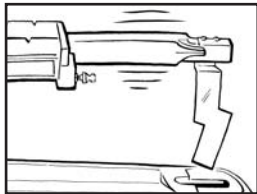
for the ohaus
triple beam balance

TIP #1 the beam will not go up and down!

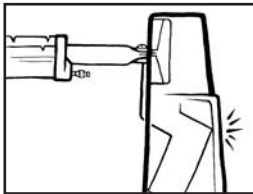
try this!



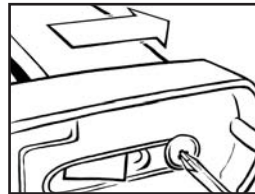
1. Under the base of the scale there is a bolt that holds the trig loop in place. Remove the bolt and remove the trig loop.



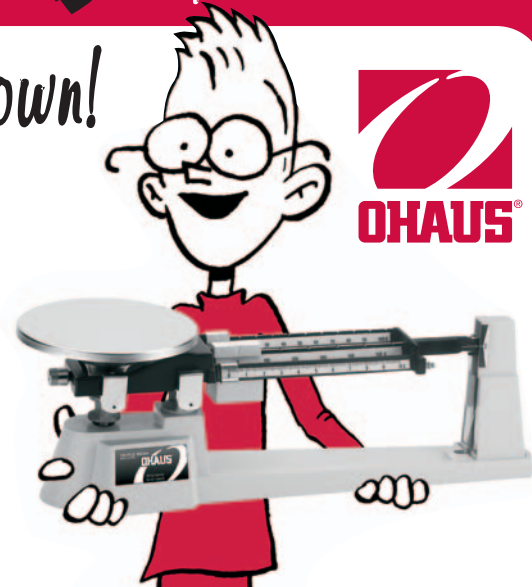
2. If the beam now moves freely, your problem is here.



3. The back of the vane is touching the trig loop.

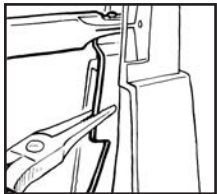


4. Reinstall the trig loop and make sure when you tighten the bolt that the loop is all the way back.



still won't work?

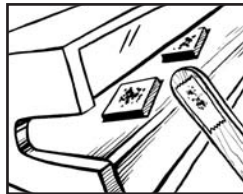
The vane may be bent and is rubbing against the magnets that are inside the trig loop.



Straighten this with your fingers or needle nose pliers.
Note: the vane generally becomes bent when transporting the balance. Do not carry the balance by holding the trig loop)

finally

Dirt may be building up on the magnets inside the trig loop.



Inspect them when the trig loop is removed. They can be cleaned with a tongue depressor and two sided tape.

GLOSSARY OF TERMS

Compensator Assembly: Zero Adjust Knob

Damper Vane: The aluminum metal part that is attached to the beam and moves up and down between the magnets to slow down the beam (damping)

Poise: The mass or weight that moves along the beam

Trig Loop: The part at the end of the base where the vane moves up and down

Plate: The part of the balance upon which the sample is placed

jack's

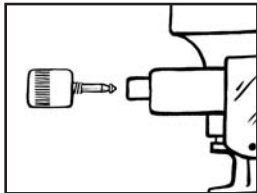
QUICK TIPS

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triple beam balance

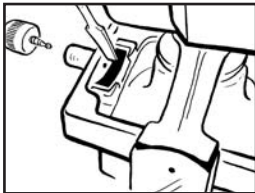
TIP #2 i can't balance the beam!

try this!

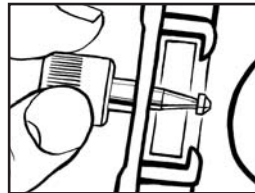
The spring that holds the compensator knob (zero) is missing. This is a common cause of not being able to zero the balance. Turn the balance over. Observe where the zero adjust knob enters the beam. You will see a small well. A flat gun metal colored piece should be there.



1. To replace, unscrew the zero adjust knob. You will notice that it has a knurl at the end.



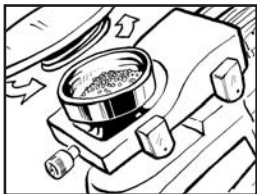
2. Lay the spring in the well, hold it down with a small screw driver or ball point pen.



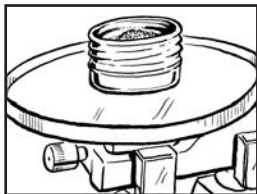
3. Screw the knob in so the knurl passes over the spring.

still won't balance?

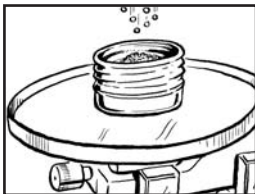
You may be missing some balancing material under the pan. Did you know that the pan comes off? Your students do!



1. Unscrew the pan, you will see a well with lead shot.



2. Turn the pan upside down on the cup, with the zero adjusts at the mid point.



3. Add or remove shot until the balance comes to zero.



4. Dump everything back into the cup and screw the pan back in place.



STILL HAVING PROBLEMS?

Call 1-800-672-7722, ask for customer service and one of our reps will walk you through it.

learn more about your balance!

Interactive Triple Beam Balance Tutorial online!

www.ohaus.com/products/education/tutorials.asp