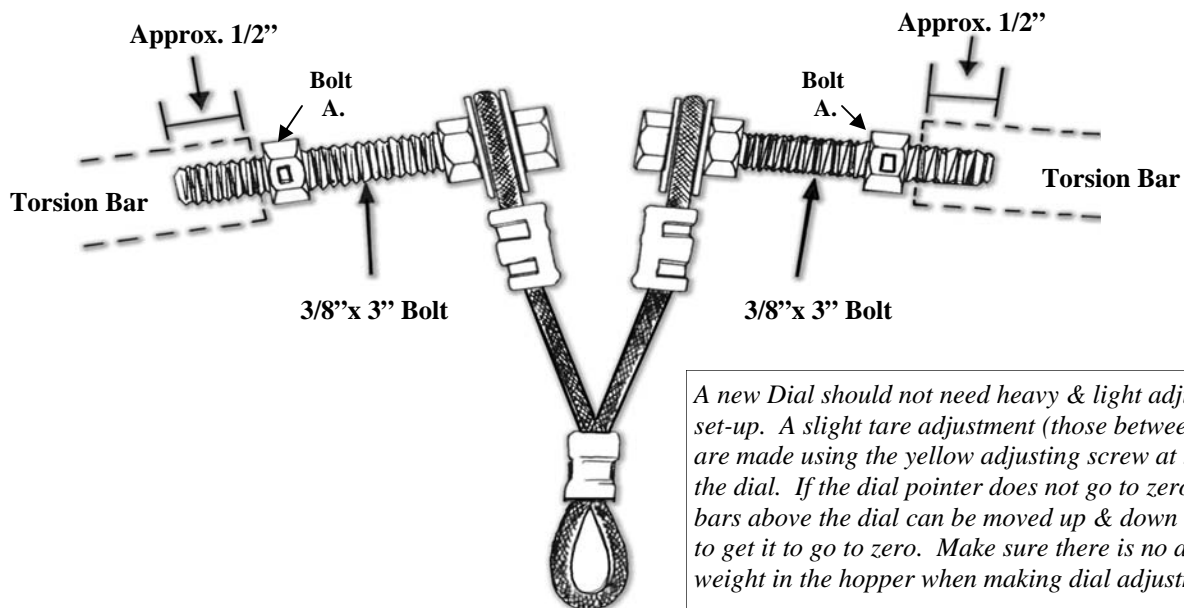


HEAVY OR LIGHT "A" (TORSION BAR) CABLE ADJUSTMENT FOR HOPPER DIAL SCALES

We recommend using the following procedure when an ARKFELD DIAL is weighing heavy or light and a normal tare adjustment has been tried using the lower left yellow tare adjusting screw button on the front of the dial - and this is not correcting the problem of weights off more than 5 pounds.

1. Be sure nothing is rubbing or catching on the Torsion Bars or Scale Frame. Be sure to check the (4) Corner Cables and the "A" (Torsion Bar Cable), to make sure none are broken, before attempting to make any adjustments. The Hopper should be resting evenly within the inside of its' square scale frame.
2. Remove the front clear glass Dial Housing Cover and Frame - leaving the dial exposed.
3. If necessary remove the lower metal dial housing cover as well - 1000-15000-3000 Lb. HOPPER SCALES only.
4. With the 3/8" x 3" ALL THREADED BOLTS exposed - measure and record the lengths of each bolt (see **drawing below**).
5. Be sure to have the Dial Pointer on **ZERO** at this time.
6. Place a **known weight** on the **Right End** and then the **Left End** of the Hopper Tank recording each weight in both of these locations.
7. Release the Right 3/8" x 3" Locking Nut (see **drawing below**). Turn the Bolt (A) **COUNTER-CLOCKWISE** approximately 1/2 turn for each five pounds if weighing **HEAVY** or turn the bolt (A) **CLOCKWISE** approximately 1/2 turn for each five pounds if weighing **LIGHT**.
8. When you are satisfied with the weights, relock the locking nuts and start weighing again.



A new Dial should not need heavy & light adjustment on set-up. A slight tare adjustment (those between 5-10 lbs) are made using the yellow adjusting screw at the bottom of the dial. If the dial pointer does not go to zero-the torsion bars above the dial can be moved up & down several times-to get it to go to zero. Make sure there is no additional weight in the hopper when making dial adjustments.