

3. Measure in the set of the front to back foot dimension above! Holding the Beamfinder flush with the top of the Prism

adjust the Prism up/down on the support posts until all 4 LED's are lit. Remove the Beamfinder & watching the display screen, adjust side-to-side with thumbwheel & fine adjust the Prism up/down until 0.0 0.0 is displayed.

3a. Soft Foot Check (Most Important!)

1 rotate shafts to 3 or 9 o'clock.

2. Adjust prism until 0.0 0.0 and press

F

1. Press

3. Use the **bir** key to select a foot & zero the display, loosen the bolt, **using form #01-888-01** record the movement (shaft centerline) and retighten bolt. Repeat this step for all four feet. *Important! Do not use the numbers that you have recorded as soft foot corrections as they are the shaft centerline movement! Using <u>feeler gages</u>, or shim stock, fix the foot with the largest number & reduce the Soft Foot to 2.0 mils (.002").*

Note: The largest number is usually the Soft Foot!





After shimming the vertical values shown, retake readings, and move the Motor (MTBM) horizontally.

For large horizontal moves adjust horizontally before shimming. If you are having trouble making your horizontal move you probably need to check Soft Foot again by going back to step **3a**!

Note: It is a good idea to record the Coupling Alignment Results before doing any corrections — go to step 5.







