

When the Ball Nut on the underside of the RG shifts (Y-axis), it must be properly readjusted.

In *Figure 1*, the circled area highlights where the four 5/16" Socket Head Cap Screws (SHCS) are located. Here you will readjust the Ball Nut by loosening and retightening these screws. See Fig. 1a for a close-up.

Step 1: Loosen the top four 5/16" SHCS that are located on the top of the Ball Nut (See Fig. 1a).

Step 2: Jog or move the gantry all the way to the back of the machine approximately 1/2" away from the solid stop (Y-axis). See Figs. 2 and 2a.

NOTE: You may jog/move the axis to the front of the machine; however it may be harder to accomplish if the machine is equipped with a vacuum table. Therefore it is recommended to move it to the back.

Step 3: Tighten the four 5/16" SHCS; this will readjust the Ball Nut to the Ball Screw. **Never loosen the Ball Screw. Always adjust the Ball Nut to the Ball Screw.**

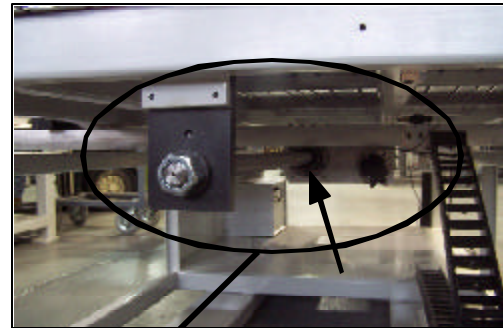


Fig. 1

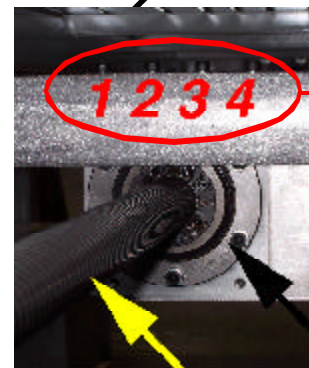
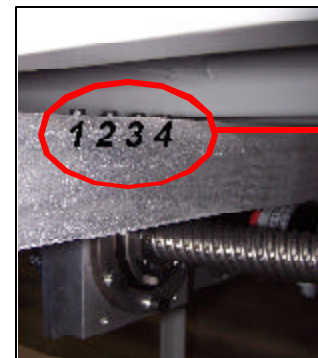


Fig. 1a

FOUR 5/16" SOCKET HEAD CAP SCREWS

BALL NUT
BALL SCREW



SCREWS TO BE LOOSENED AND RETIGHTENED

Fig. 2

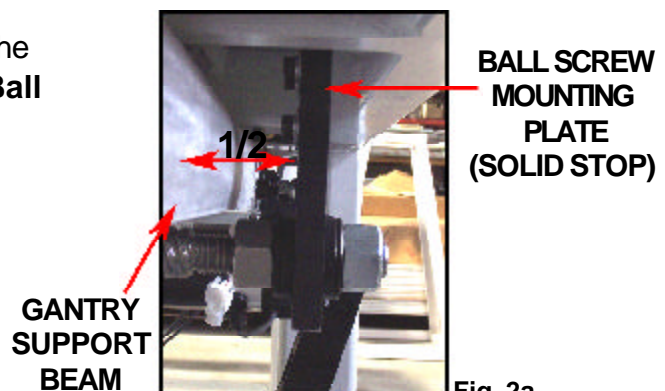


Fig. 2a

