

1. Remove the carriage cover (*Fig. 1*).
2. Install your pen into the carriage jaw. Make sure paper is loaded.
3. Position pen about 1" in from the right edge of the paper.
4. Turn the pen force knob to maximum (counterclockwise).
5. Press the "Sensor Test" button. The pen will draw two lines (*Fig. 2*).
6. The plotter should "BEEP" each time the light beam crosses the sensor mark. If you hear a beep every time, the sensor is already adjusted. If there is NO beep, proceed to step 7.
7. Locate the sensor screw (*Fig. 1*). While the test is still running, loosen the screw so the sensor can be moved up or down.
8. Find the focal threshold range by SLOWLY sliding the pen sensor up and down until it stops beeping. After you find the outer focal range in both directions where the sensor stops reading the mark, position the sensor pen in the center of that range of movement.

