



If the line quality is poor while pen plotting, please check the following:

1. Examine the pen carriage jaw and body for cracks. If the carriage jaw/body is cracked, it may move excessively as it is drawing, or it may affect the pen height.
2. The traverse rods which the carriage moves side to side on could be bent. Check for a bent rod by rotating the traverse rods and watching the movement of the carriage. If the movement of the carriage is not excessive, the traverse rods can be turned so that the plotter functions properly. If the movement is excessive, the traverse probably needs to be replaced.
3. There should be no side play in the pen holder. If side to side play is evident, tighten the right jaw pivot screw until the play subsides. When properly adjusted, the empty pen holder will fall when lightly tapped, and will nearly fall under its own weight. Care must be taken not to over-tighten, as this may damage the carriage.
4. Also check the following adjustments in Section 8 of your operation manual, Plotter Maintenance:
  - a. Pen force.
  - b. Pen height.
  - c. Pen dashpot.

If the problem cannot be remedied, the plotter will require maintenance from an IOLINE Authorized Service Center.