



Radiation Products Design, Inc.

**Item 146-801 Contour Plotter
Replacement Instructions for Counterweight Cable**

Enclosed is the string for the contour plotter counterweight.

1. Remove six screws holding front cover plate.
2. Remove six screws holding white acrylic back.
3. Remove screw on pen holder assembly that secures counterweight string.
4. Press 1/8" pin out of counterweight, remove thimble.
5. Put loop inside counterweight. Press pin back in.
6. Reconnect new string to pen holder and feed through top pulley, then down to counterweight.
7. Lift pen holder all the way up and pull string tight down past counterweight. Put an black mark 1/8" above counterweight.
8. Make loop in counterweight cable and crimp lug.
9. Check that stylus goes up and down freely.
10. Install front cover plate and white acrylic back.

**5218 Barthel Industrial Drive NE – Albertville, MN 55301
Phone: 763-497-2071 or 800-497-2071 Fax: 763-497-2295**