



1. Check for flat spots on chartwheels. Flat spots will allow the media to slip during movement.
2. Check that the 4 Allen screws on the gritshaft are fastened securely.
3. Assure that the square shaft has no side to side play. If play exists, remove the left end cover; tighten the hex screw (5/32) until the square shaft is secure. Do not overtighten, as this may cause the chartwheels to jam in the up/down position.
4. Try slowing the speed of the plot and decreasing the acceleration. Some materials, especially metallic vinyls, will not track well at 24 inches per second. The factory defaults on your Signature 5000 are 24 inches per second and 2 G's of acceleration. Cut these in half. A step by step procedure on how to change the speed and acceleration is shown on page 7-9 of your owner's manual.
5. Clean the grit shaft by removing any accumulation of residue build up which may cause tracking problems or slipping of the media. A clean grit shaft should make a distinct track on the backing of your material. The grit tracks should be identical. If you only see one track, or if the tracks are not even, the chart wheels may need to be replaced.
6. If your chart wheels are always used in the same position, the grit shaft may be excessively worn in that position. Try another chartwheel placement.
7. Adjust the down pressure of the chartwheels.