

In most cases, the following causes a cyclic motion of the chartwheels:

- Charthold lever arm does not make contact with the limit switch.
- Charthold motor cams loose on motor pin.
- Broken charthold arm lever.
- Defective charthold limit switch.
- Lower level component problem.

Charthold Limit Switch Adjustment

1. Remove left end plate
2. Verify charthold motor and limit switch cable connectors are connected to the ribbon cartridge PCB sockets.
3. Press F2 (charthold) to activate charthold motor movement.
4. Visually inspect the rotation of the cam to ensure it makes contact with the charthold lever arm. The cam is held to the motor pin with a 1/16" Allen screw.
5. Verify the cam pushes the charthold arm high enough to make contact with, and close the limit switch.
6. Adjust switch/motor position accordingly.