

# SCDC Rewind Control

## Intermittent Failure Notice #5350

### Problem:

The rewind control shuts its self down allowing the Take-Up carriage to bottom out and shut down the program

After extensive testing the problem has been identified as a intermittent static discharge that occurs when film and environment causes static build up in the Take-Up carriage assembly, then discharging down the linkage rod and across the sensor disk into the Rewind control disrupting the + 5 vdc control circuit. The sensor plate has been powder coated before being staked to the aluminum hub possibility preventing a good ground.

### Correction:

Rework the sensor hub and disk assembly to insure a good ground.

- ◆ Ohm between the linkage rod and the sensor disk hub must be less then 2 ohms. If the ohm reading is higher then the 2 ohms remove the sensor disk and hub assembly, remove the powder coating from the linkage rod contact area on the linkage side of the disk. Also remove the powder coating next to the sensor disk hub as shown below and using a pin punch stake the edge of the aluminum hub down to contact the sensor disk.
- ◆ Ohm between the sensor disk hub and the power inlet ground pin must be less then 2 ohms. If this ohm reading is high remove enough powder coating from the threads on the power supply here the sensor disk and hub assembly is connected.

