

## **Tips on Installing the HRD44 Sensor.**

**To get at the sensor you will need to:**

- 1. Remove both side covers**
- 2. Remove both chains and the sprockets on the front rollers, left side. The easiest way is to remove one of the idler sprockets, then you don't have to loosen all the motor bolts and re-tension the chains unless they need it. There are some spacers between the sprockets and the stop collars, keep track of where they go.**
- 3. Remove the stop collars from the right side front rollers.**
- 4. Unhook the wires front the slip ring, remove it, and then remove the front roller connecting plates. Note: You do not need to loosen the springs.**
- 5. You can now feed the roller out the side hole in the panel.**
- 6. Remove the 4 screws holding the right side journal and replace the sensor.**
- 7. Reassemble in reverse order.**

**Note: the sensor is installed in a hole drilled into the end of the core of the roller. After the sensor is slid into the hole the assembler puts a "Nick" in the soft aluminum to keep the sensor in the roll. To remove it you will need to take a utility knife and shave the nick away in order**

to slide the sensor out. You will have to really enlarge the hole in order for it to come out. You can't pull hard on the wires or they will break off and then you would need to drill then sensor out which is a more work. Just take some time and get the nick out of the way.

Measure the length of the wires on the current sensor so you can cut the wires on the new one the same length, that way they will fit correctly.

**Do not cut the ends off of the heater wires, you won't need to remove them from the journal to replace the sensor.** Just take the journal off and you can get at the sensor. Remember to put the journal back one the same way as you took it off as there is a slot for the sensor wires in it.

**Don't hesitate to call if you have questions.**