

# HEAD REMOVAL & INSTALLATION GUIDE

Models: SECON-2000SM & SECON-2400SM

## TOOLS REQUIRED

- 1) Set of Needle Nose Pliers
- 2) 5/64" Allen Key
- 3) Zip Ties



- 1) Pull your camera head assembly from the reel and add a zip tie to the frame to secure the reel from spinning during the head removal process.
- 2) Note the rotation of the spring assembly towards the camera head.
- 3) Using your hands, rotate the spring in the SAME DIRECTION as the rungs (facing the camera head) and PULL the head from the spring - This motion DECOMPRESSES the spring from head.



- 4) Once the head is removed from the spring, use a 5/64" Allen Key to back out the SINGLE set screw that lines up with the loop of the tension cable.



- 5) Once backed out (or removed completely), you may pull the tension cable from the head. If it does not pull out completely, that's OK. It can come out easily after the pin connector is removed (see ahead).



- 6) Use your needle nose pliers to unthread the KNURLED RING from the back of the camera head. DO NOT SPIN THE WIRES OR THE HEAD in this process. The threads on the knurled ring are a fine thread, so it will take several turns to completely back it out. Once unthreaded, it will pull back from the camera head VERY EASILY.



- 7) To install a camera head, begin by installing the tension cable loop. Be sure that your set screw is going THROUGH the loop of the tension cable and not simply pinching it in place.



- 8) Line up the notch (key-way) from the pin connector to the matching notch (key-way) in the camera head. It is designed to only be installed in one orientation. DO NOT FORCE IT INTO PLACE. Once in place, use your needle nose pliers to tighten the pin connector to the camera head. Only tighten the pin connector to the head ½ turn past snug. DO NOT OVERTIGHTEN.



- 9) To attach the spring to the head, note the rotation of the spring assembly towards the camera head. Using your hands, rotate the spring in the SAME DIRECTION as the rungs (facing the camera head) and PUSH the head into the spring - This motion DECOMPRESSES the spring and allows the head to fit inside. Once you let go, the spring is recompressed to the head and the installation is complete.
- 10) Remove any zip ties applied to the reel for stabilization and return the camera head assembly to the reel.