

Focus/Iris Single Channel Handset

Adjusting Knob Tension/Drag

Tools required: Phillips screwdriver, .050" hex driver (Allen wrench), small hex driver (5/64" or smaller - to turn pressure washer housing)

1. Remove the two Philips screws holding the cover on the end of the knob. Remove the end cover from the knob.



2. The silver Philips screw in the center of the knob (inside red circle at right) should NOT be loosened. If it is loose at all, snug it up as much as possible. This screw is not relevant for tension adjustment, and must remain tight to avoid knob play.



3. Loosen the two .050" hex set-screws on the side of the knob a couple of turns. These do not need to be removed all the way.



4. The piece with holes that is accessible through the grooves in the shell is the pressure washer housing. With the set-screws loose, it should spin with respect to the outer knob shell. Hold the knob shell stationary with your hand:

- a. To increase knob drag, insert the small hex driver into the holes in the pressure washer housing and turn it clockwise. After a few turns, lightly re-tighten the set-screws and check the tension. Readjust if necessary.



Figure 1- Tightening Knob Tension

- b. To reduce knob drag, insert the small hex driver into the holes in the pressure washer housing and turn it counter-clockwise. After a few turns, lightly re-tighten the set-screws and check the tension. Readjust if necessary.



Figure 2 - Loosening Knob Tension

5. Once the desired tension is achieved, lightly tighten the two set screws. The set screws should only be tightened 1/4-turn past the point where you feel contact/resistance in the threads. Replace the front cover and reinstall the two Philips screws holding it on. This completes the tension adjustment.