



HOSE WINDER: HW-1 SPINDLE ASSEMBLY (after shipping):

1. Mount roller to hose rack for ease of assembly.
2. Fold winder components into their respective positions and secure knob-fasteners.
3. While facing the roller, head on, insert the handle/spindle assembly through the spindle shell, from left to right. The use of a light coating of machine oil on the shaft and inside of collars (such as "3 in One") is preferable. The collar next to the winding handle has already been set to its correct position.
4. Place one $\frac{3}{4}$ " thrust washer on free end of shaft from the right end.
5. Slide the hose winding backing arm that has the setscrews, onto the shaft, leaving the setscrew area facing out to the right.
6. Unthread the two setscrews and place a couple of drops of oil on the threads the help in the tightening process as well as preventing any seizing after tightening.
7. Slide the winding arm up against the thrust washer, removing any endplay, and snug the setscrews as you slightly wiggle the arm to allow the screws to positively locate on the shaft-flat. Once the screws have been located on shaft, fully tighten until all movement has been eliminated between the arm and handle. Done.
8. When winding always run hose through guide, and be sure one person winds and one person keeps hose in front of guide from kinking. Never leave crank in any other position than at 6 o'clock or lowest point of cranking circle.
9. NEVER LEAVE WINDING HANDLE UNATTENDED AND PULL ON HOSE TO STRAIGHTEN OUT KINKS. INJURY CAN RESULT FROM HOSE UNWINDING IF OPERATOR GETS IN THE WAY.



