

3Ecologias - String Pot am-2674 Assembly Instructions

Tools:

- Small Phillips Screwdriver
- 3/16" Allen Wrench
- 1/2" Nut driver/Socket

Step 1:

- Install potentiometer as shown. Hand tighten nut with 1/2" nut driver.

NOTE: Hole may need to be enlarged slightly if fit is too tight.



Step 2:

- Partially install set screw a couple of turns in hole at base of spool using 3/16" Allen wrench.



Step 3:

- Press spool onto potentiometer shaft until set screw is centered in access hole in enclosure body as shown. Hand-tighten the set screw against shaft.

NOTE: Shaft hole may need to be enlarged slightly to fit spool on potentiometer shaft.



Step 4:

- Install badge-holder string end through one of the small round holes in the spool. Tie a good knot in that end of the string.



Step 5:

- Install badge-holder retraction spring end through the rectangular hole in the spool as shown.

**Step 6:**

- Rotate badge-holder retraction spring parallel to spool as shown.

**Step 7:**

- Pass retraction spring through slot in spool as shown.

**Step 8:**

- Wind retraction spring clockwise inside the spool as shown.

**Step 9:**

- Wind string counter-clockwise on the outside of the spool as shown.

**Step 10:**

- Now carefully rotate spool clockwise until the potentiometer is fully clockwise. It is a 10 turn pot – just keep turning until you feel it stop. Double-check to make sure the string is still properly wound on spool.

Step 11:

- Now carefully align back cover pin slot with the end of the retraction spring as shown. Make sure the string is exiting through the opening.

**Step 12:****That was easy, now for the tricky part!**

- Holding back cover secure with one hand, rotate cover clockwise one turn to preload the retraction spring.
- Make sure string is exiting the half holes.
- While maintaining pressure on assembly, gently pull string to check for free movement and full retraction.

**Step 13:**

- The string move should move and retract freely. Install and hand-tighten the 4-40 0.75" screws.

**Congratulations!**

You have now assembled your string pot!