

## Instructions for Repairing the Level on the Solar Pathfinder unit

Item: PF, and PF-tc

Items needed:

New level

Plastic sleeve that holds level

Caulk gun with white caulk

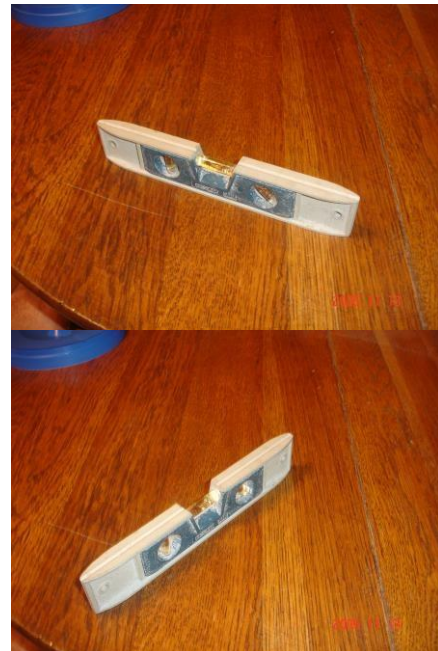
(very little caulking is needed; just a small squeeze tube of caulking would work)

Small tube of super glue

Toothpick

Rag or paper towel

1. Work area needs to be a flat level area. **Check levelness of work area from all directions** prior to attaching level.



2. Scratch/scrape off any old glue to level area.
3. Lay the level upside down (“bumpy” side up) on your index finger. Place the plastic sleeve over the level with the “top” of the sleeve touching your finger (Yes, there is a top and bottom to the sleeve – the “top” has the extra “ears” on it). Use your thumb and second finger to clasp the sleeve.



4. Fill (don't overfill!) the bottom of the sleeve with the white caulk. (This white caulk will give the level its contrasting color so that it is easier to read.)



5. Using the superglue, leave a small bead of glue around the bottom of the sleeve.



6. Turn the assembly over and place it in the proper place on the instrument section. The extra "ears" that hold on the black disc should be "north/south" (in line with the compass and white dot).



7. While the caulk is wet, use the toothpick to “level” the level – making sure that the bubble is directly in the center of the circle.
8. If for some reason, you find yourself struggling to get the level to cooperate, immediately take whole level assembly back off, wipe everything back off and try again.
9. Leave to dry for 24 hours before use.



### **SolarPathfinder Customer Service**

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