

Assembling and Disassembling the TubeTrap

Your BioEcoSS TubeTrap comes fully assembled.

However, you can take it apart very easily, to replace damaged parts, or just to make sure it's working properly.

The only parts that are not designed to come apart are the inner and outer shells of the nestbox - all other parts are snap-fit.

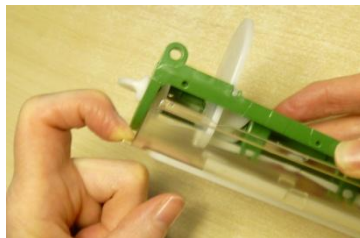
It's always a good idea to know how your field equipment works!

Taking The TubeTrap Apart

1) Remove the tunnel top cover.



2) Remove the transparent base by sliding a finger-nail down one edge and then pulling the tab beneath the door lock.



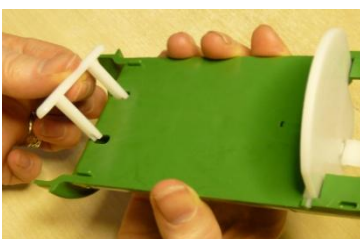
3) Slide the purple trip-weight spring off the two pegs.



4) Slide the two pegs out of their sockets.



5) Pull the treadle "goal-post" out of the base-plate.



6) Unsnap the treadle "T-arm" out of its clips.



7) Unsnap the treadle "short-arm" out of its clips.



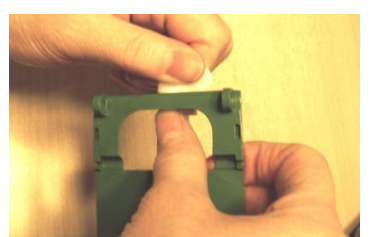
8) Unhook the green door spring from the anchor pillar and the door.



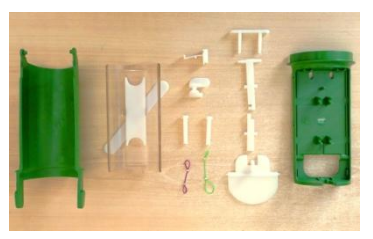
9) Unsnap the door from the door clips.

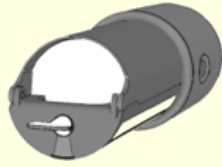


10) Push the door lock and catch together down the slot in the base-plate.



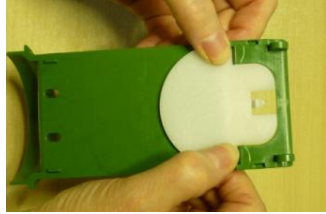
11) If necessary, you can unclip the swivelling foot and name-plate cover from the transparent base. Here are all the parts:



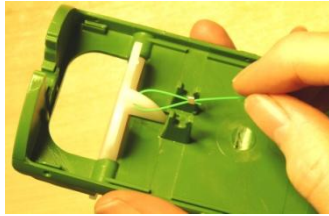


Putting It Back Together Again

1) Snap the door into the clips in the base-plate



2) Hook the large loop of the green door spring through the notch in the "shark fin" on the door.



3) Hold the single strand of the door spring and stretch it so that the small loop drops to the base of the anchor pillar. (Do not roll it down the pillar because it will work its way back up again.)



4) Snap the treadle "short-arm" into its clips. It doesn't matter whether the socket is on the left or right-hand side.



5) Put the pin of the treadle "T-arm" into the socket of the "short-arm" and then snap it into its clips.



6) Pass the "uprights" of the treadle "goal-post" through the holes in the base-plate and snap them over the pins in the treadle "T-arm".



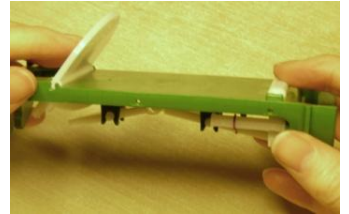
7) Slide the two pegs into their sockets. (Make sure that the square shoulder of the peg is visible at the entrance of the slot.)



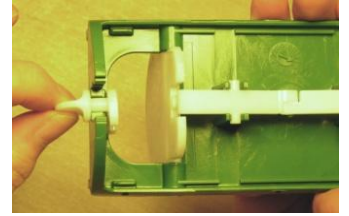
8) Slide the purple trip-weight spring onto the two pegs.



9) Now you can test the sensitivity of the trip-weight and adjust it by sliding the spring along the pegs. A 3g trip-weight is achieved when the spring is approximately aligned with the anchor pillar. (Note how this also doubles as a stop for the "T-arm".)



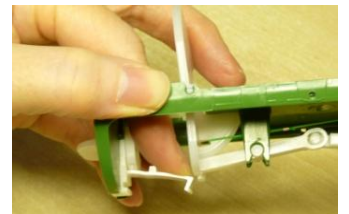
10) Place the barrel of the door lock into the semi-circular groove in the front of the base-plate.



11) Snap the door catch into the groove in the front of the base-plate to hold the lock in place.



12) Check the trip-weight again and ensure that the door closes smoothly and fully when tripped. (You may need to bend the catch slightly to reduce the friction on the "shark fin" as the door closes.



13) Snap the name-plate cover between the two clips and into the holes in the transparent base-plate



14) Snap the swivelling foot over the three-sided lug on the base of the transparent cover



15) Snap the transparent cover into place, making sure all six buttons are engaged.

