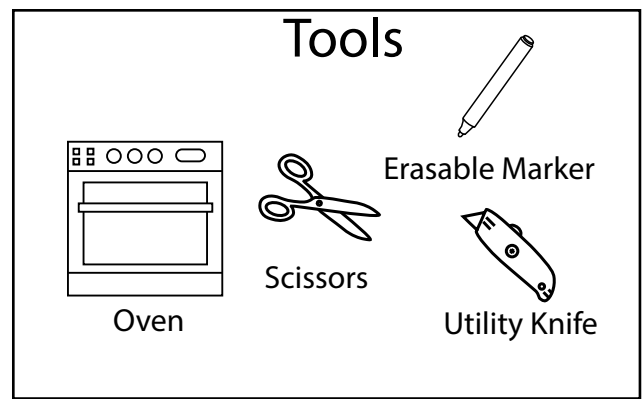
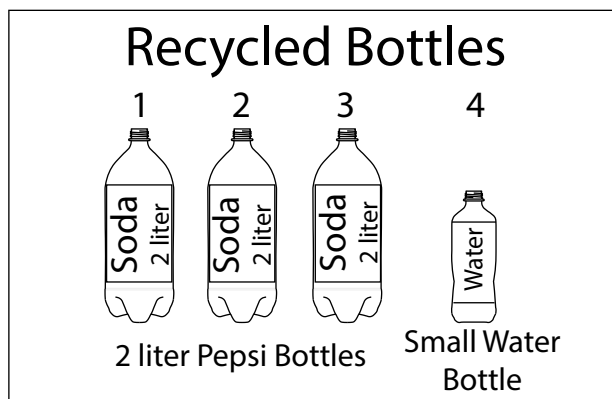
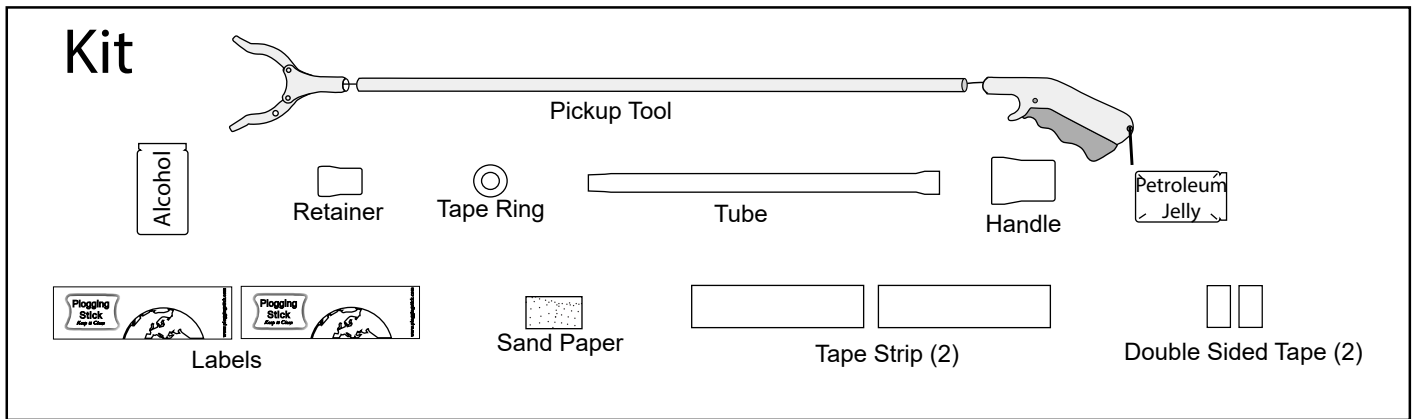
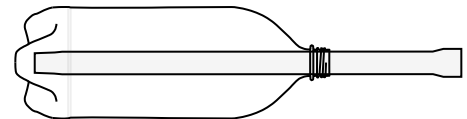


Instructions



Before beginning, make sure that the tube fits inside the bottles. See a list of acceptable bottles at the end of these instructions or on our website, ploggingstick.com



Prepare Bottles

Step 1

Clean all four bottles by giving them a rinse with water.

Step 2

Slit labels on bottle 1 and 2 but do not completely remove labels.

Step 3

Heat oven to 170°F (77°C)

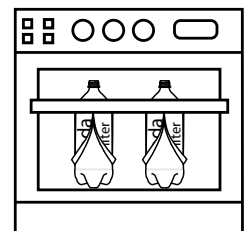
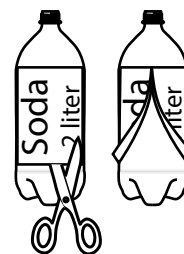
Step 4

When the oven has reached temperature, place bottles 1 and 2 in the oven for 3 minutes. Don't worry! They will be fine on the wire rack.

Step 5

Remove the bottles from the oven and gently remove the labels without tearing them. Remove the labels slowly so that no plastic film is left on the bottle.

Bottle 1 Bottle 2



Step 6

Apply petroleum jelly to the adhesive left behind on the bottles. Let the jelly sit for 1 minute and then wipe clean.

Step 7

Use the alcohol pad to clean petroleum jelly off the bottle. You should now have bottles that look like this:



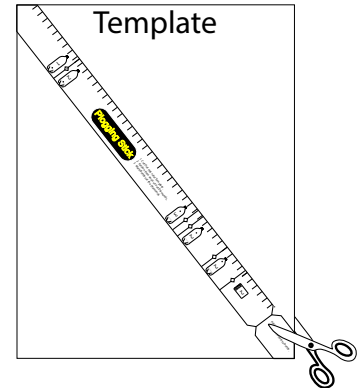
Bottle# 1 2 3 4

Mark Bottles

The bottles will be marked where they are to be cut using the template.

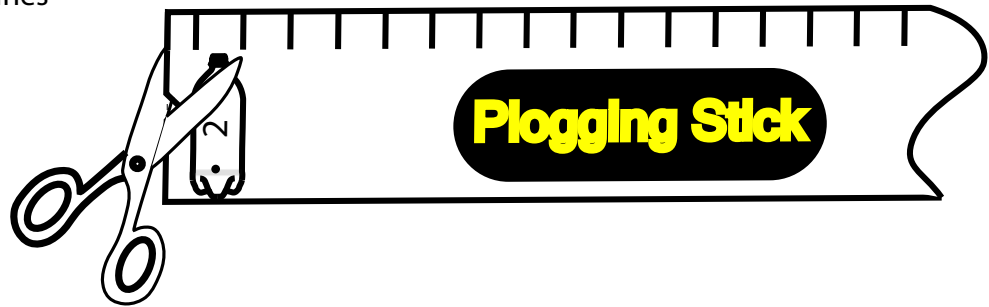
Step 1

Cut out template



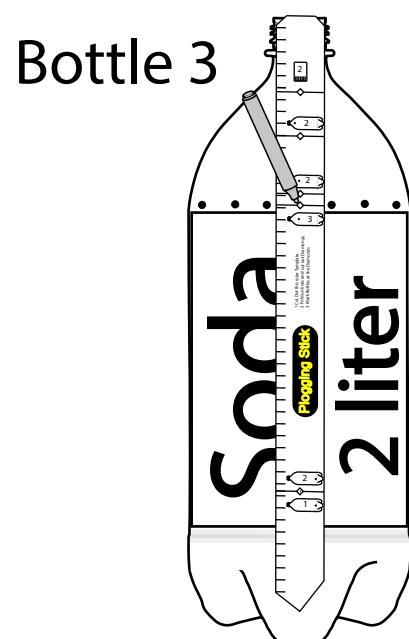
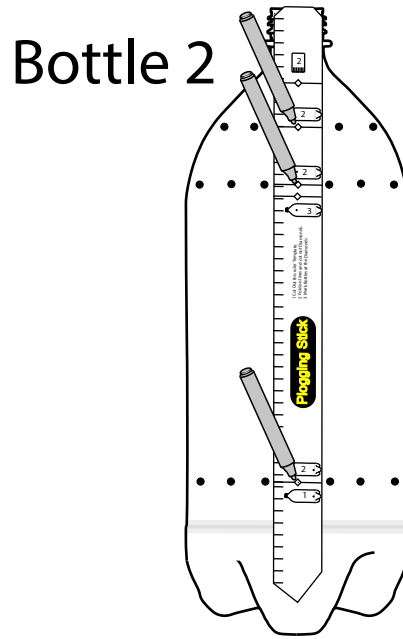
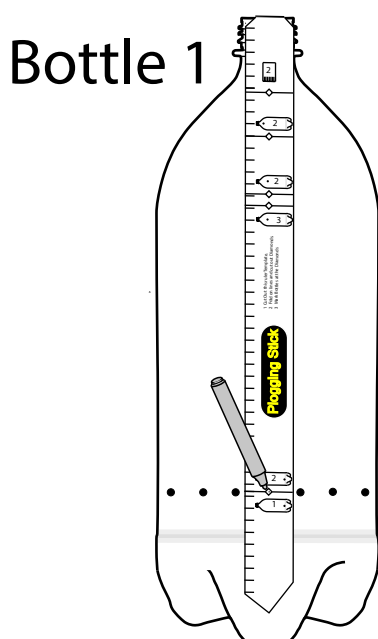
Step 2

Fold the template on the 5 lines and cut out each of the triangles as shown.



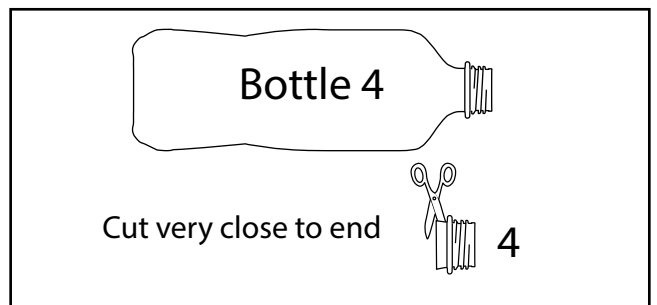
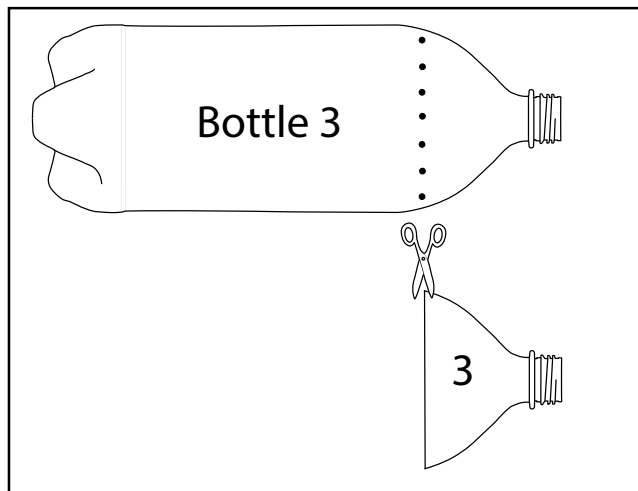
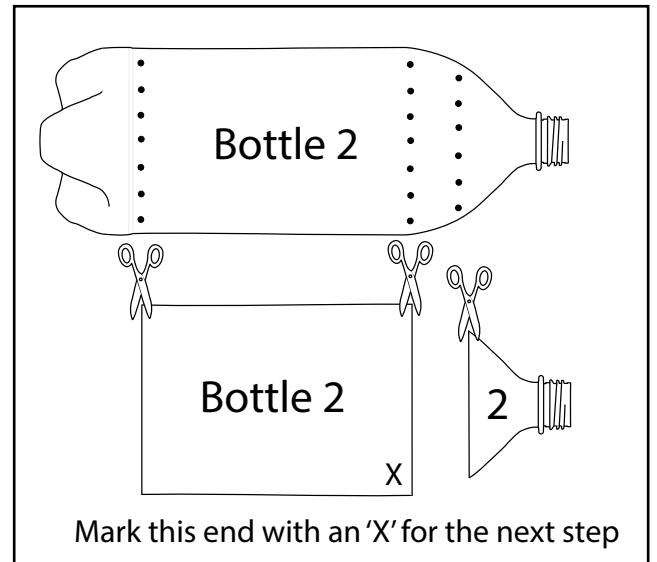
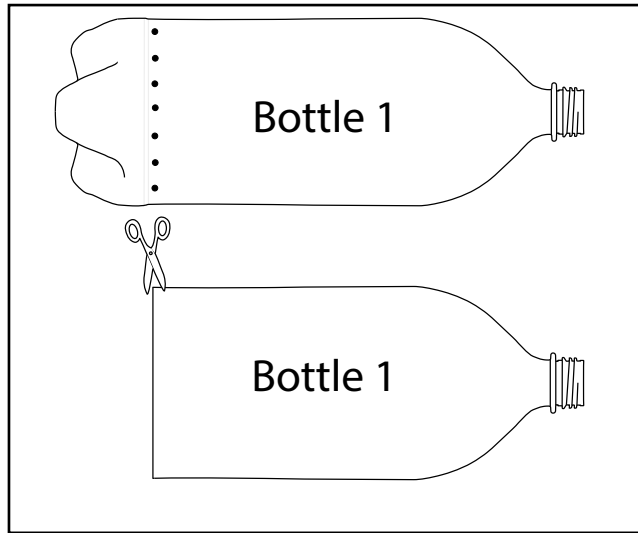
Step 3

Mark where to cut bottles 1, 2 and 3 by making dots through the triangle holes using non-permanent marker.



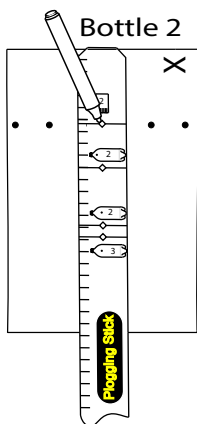
Cut Bottles

Use marks as a guide to cut straight lines. Remove marks after cutting with alcohol wipe if necessary.

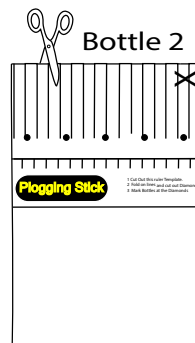


Additional Cuts for Bottle 2

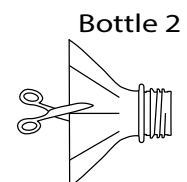
1. Mark Fringe Length on 'X' end.



2. On the same piece, cut the fringes using the template as a guide for the width.



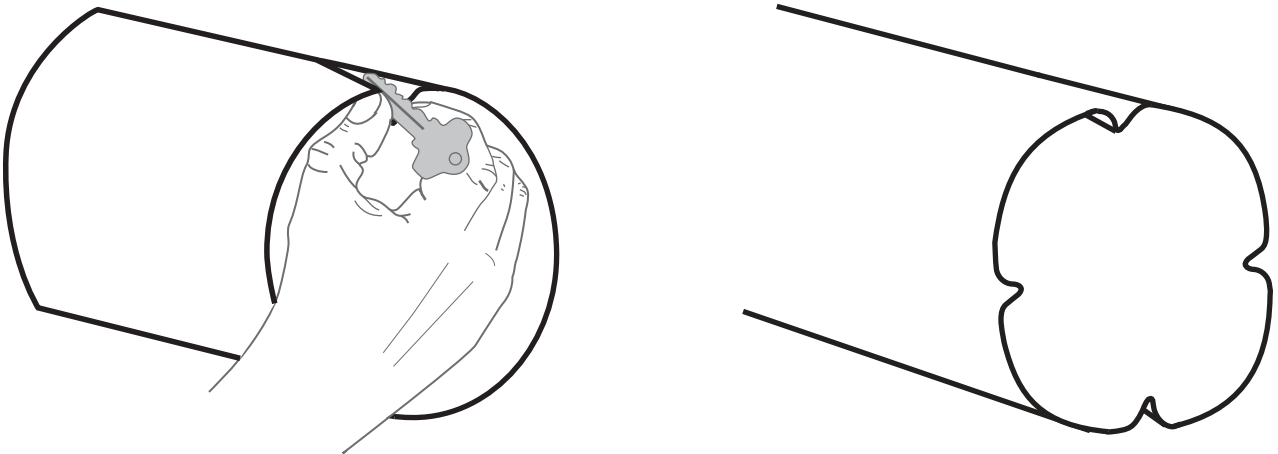
3. On the bottle 2 end piece, cut 8 slits evenly distributed,



Assemble

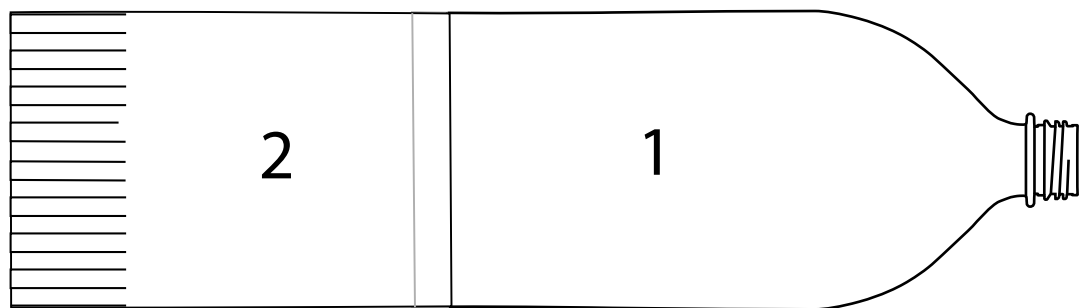
Step 1

Crimp the end of bottle 1 in four places as shown using a key. Do not cut, only fold.



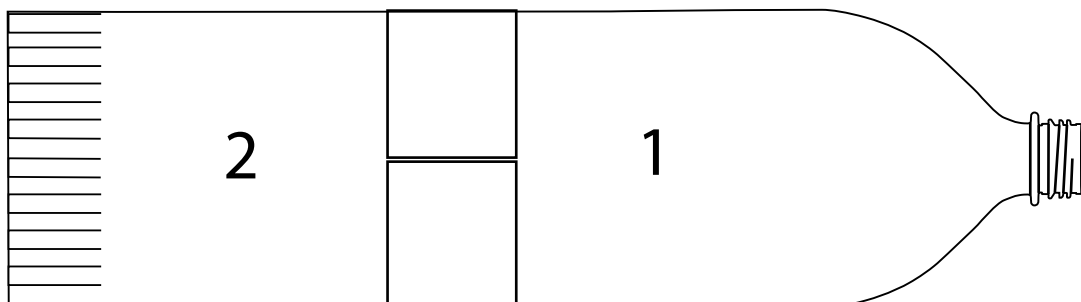
Step 2

Slide bottle 1 into bottle 2 about a 1/2 inch (13 mm). If you have trouble fitting it in, increase the crimps.



Step 3

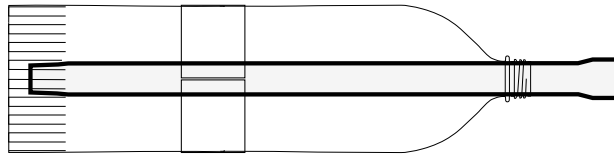
Wrap the two strips of tape around bottle 1 and bottle 2 to attach them.



Assemble Continued

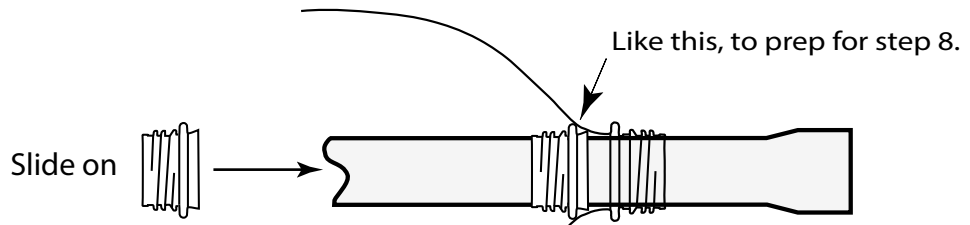
Step 4

Insert the tube into the bottle end.



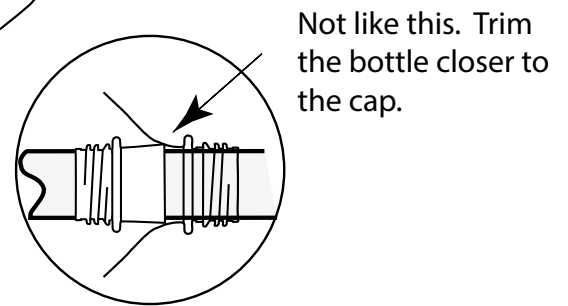
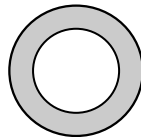
Step 5

Make sure the the water bottle spout is cut down low enough to seat on the inside of the bottle as shown.



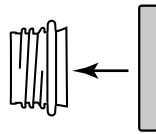
Step 6

Remove film from one side of tape ring.



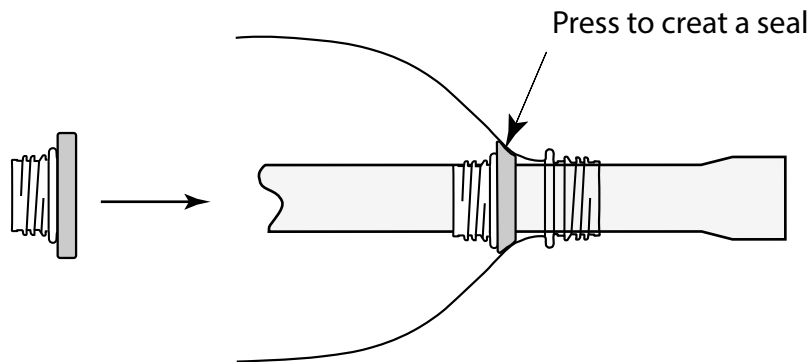
Step 7

Apply sticky side of ring to water bottle spout, then remove other side of tape film.



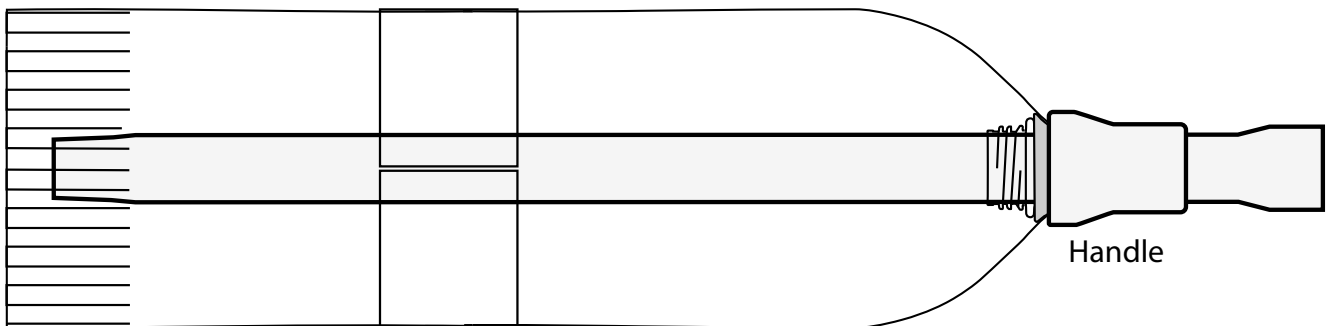
Step 8

Insert water spout over the tube and seal at the bottom of the bottle as shown.



Step 9

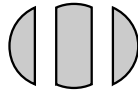
Remove the tube from the bottle and snap on the handle. Re-insert the tube as far as it will go.



Assemble Continued

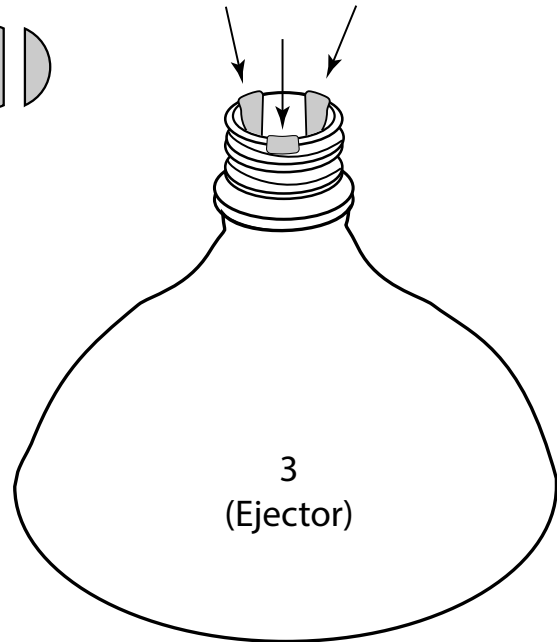
Step 10

Cut circle tape into 3 pieces



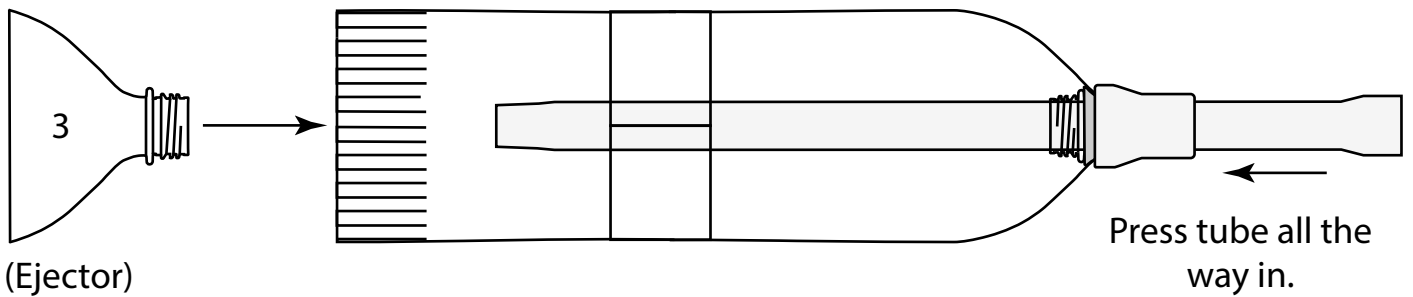
Step 11

Bottle 3 is the ejector. Apply the three pieces of tape to the spout of ejector as shown.



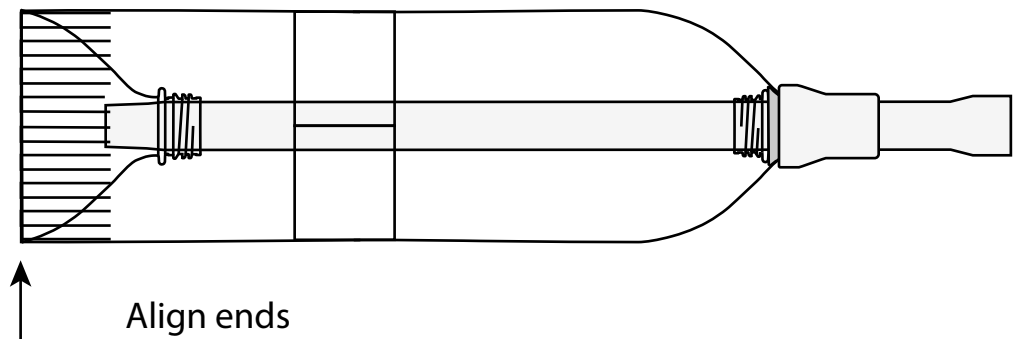
Step 12

Insert the tube all the way into the bottle and then slide the ejector onto the tube.



Step 13

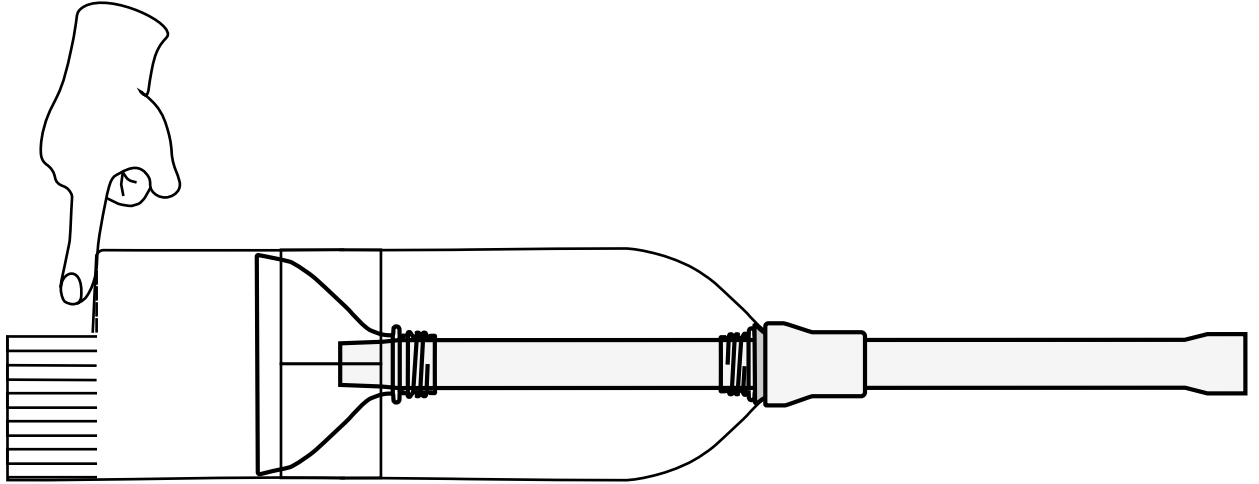
Insert Ejector on to the tube. Align the end of the Ejector with the container end as shown.



Assemble Continued

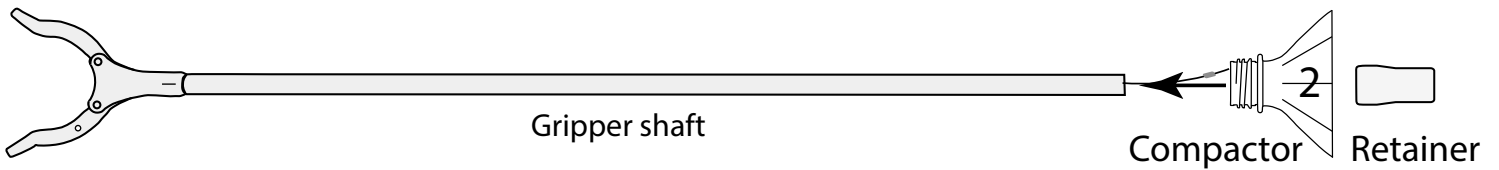
Step 14

Bend all the fringes flat.



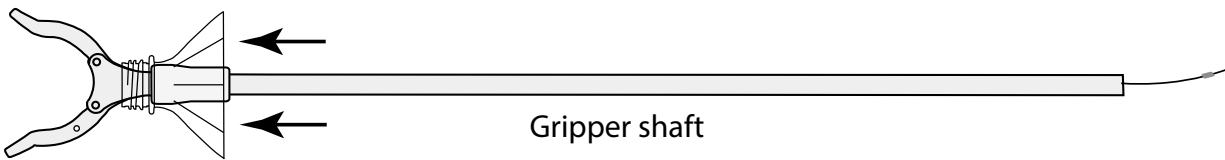
Step 15

Slide bottle 2 spout (compactor) over the gripper shaft and press on the gripper with the retainer.



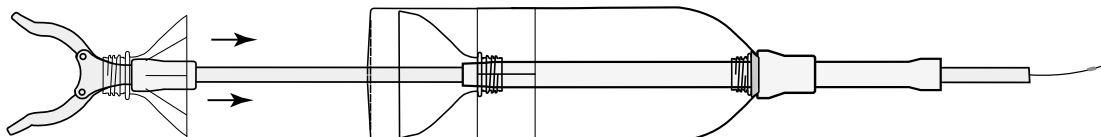
Step 16

Press snug on the gripper



Step 17

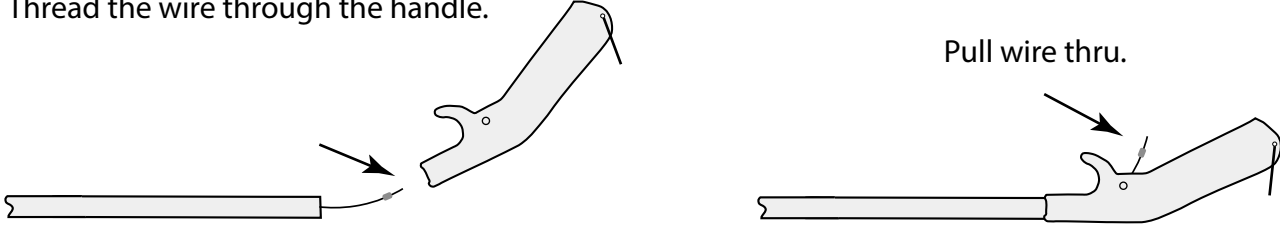
Slide the gripper shaft through the tube



Assemble Continued

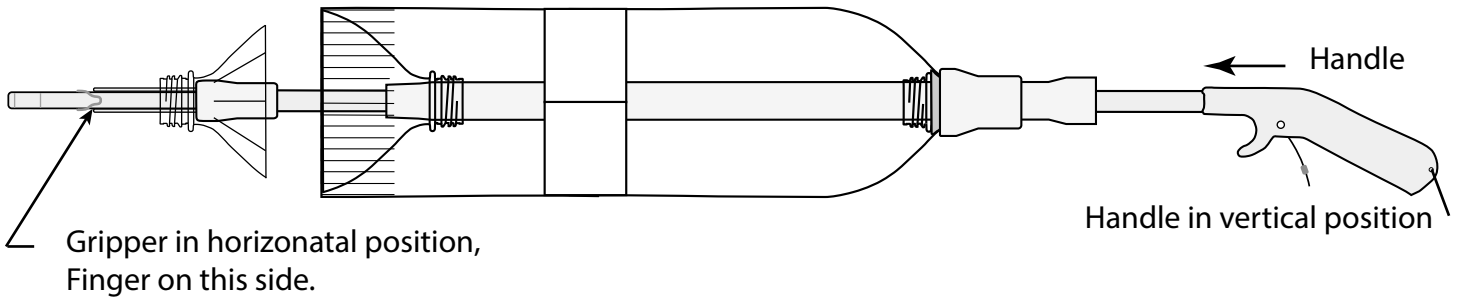
Step 18

Thread the wire through the handle.



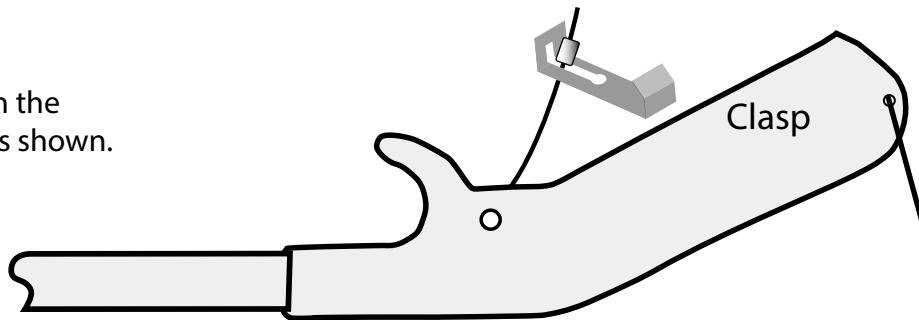
Step 19

Orient the handle relative to the gripper (Right hand position shown). Press handle onto Gripper Shaft.



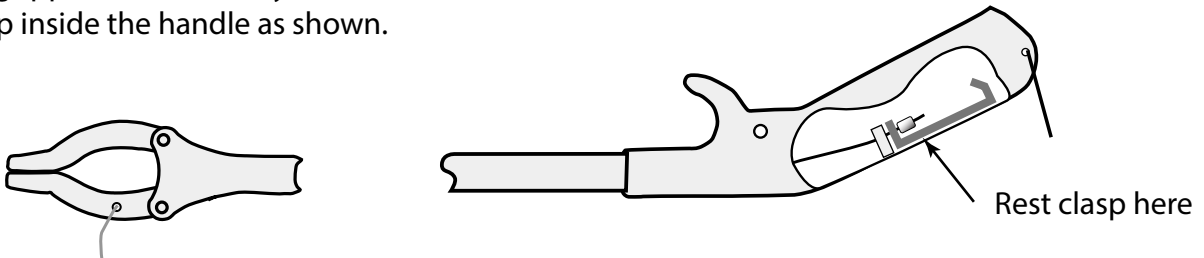
Step 20

Thread the wire through the slot of the metal clasp as shown.



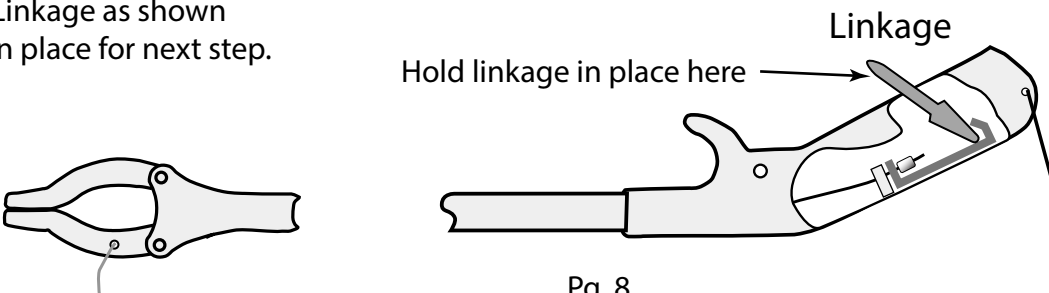
Step 21

Pinch the gripper closed and lay the metal clasp inside the handle as shown.



Step 22

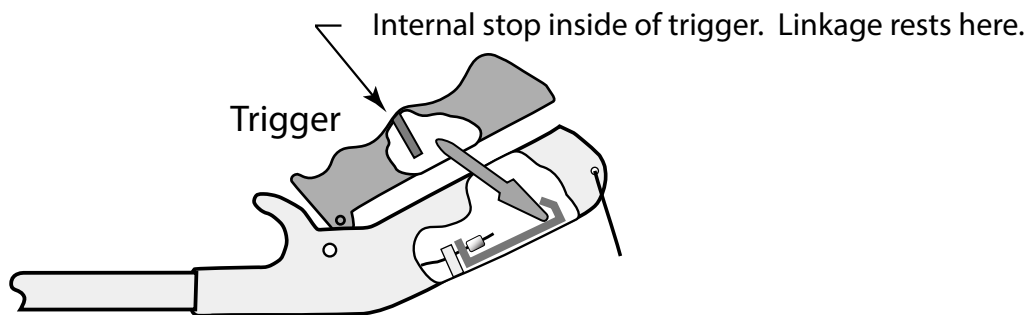
Place the Linkage as shown and hold in place for next step.



Assemble Continued.

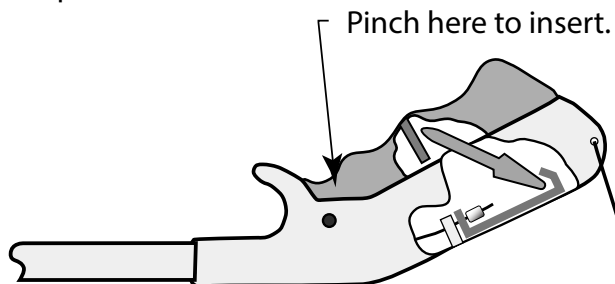
Step 23

Place trigger as shown with linkage resting against internal stop.



Step 24

Hold the trigger in place and pinch the sides of the trigger at the pins and insert trigger into the handle until the pins snap into the holes.



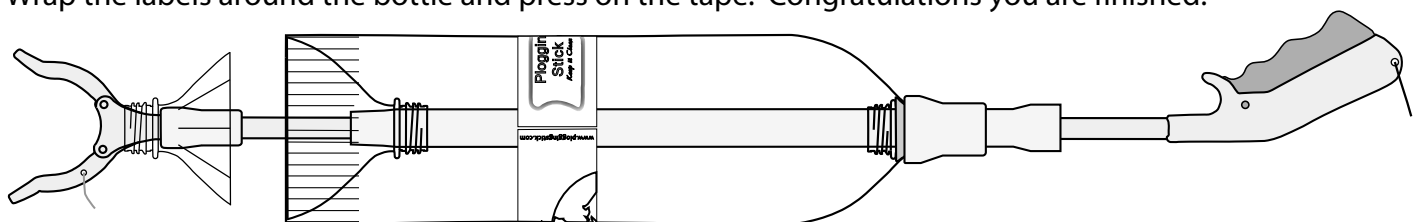
Check the operation of the gripper by pressing the trigger. If it is not working, see trouble shooting section at the end of these instructions.

Step 25

Apply the two labels with double sided tape applied to the ends of the labels.



Wrap the labels around the bottle and press on the tape. Congratulations you are finished!



Trouble Shooting

Trigger not working correctly

If the assembly of the trigger did not work correctly. Remove the trigger and reset the linkage and clasp. To remove the trigger, insert two forks on each side of the trigger where the pins are. Dislodge the pins with the forks while pulling the trigger out.

Tube does not fit in bottle

If the tube does not fit or slide easily in the bottle, you may have an un-approved bottle. See the list for bottles that fit the tube. Pepsi is the most common and is the right size.