

How to make a Cartesian Diver



1. Cut off all but about half an inch of the stem of the dropper.
2. Slide a lock washer onto the remaining stem.



3. Fill a cup with water. Hold the open end of the dropper in the water.
4. Squeeze out some air and let some water into the bulb.



5. Add or subtract water in the dropper until the dropper **just barely** floats.



6. Fill a 1 L bottle $\frac{3}{4}$ full with water.
7. Drop in the diver **without squeezing** any of the air or water out.
8. Screw the cap on and enjoy your Cartesian Diver.

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