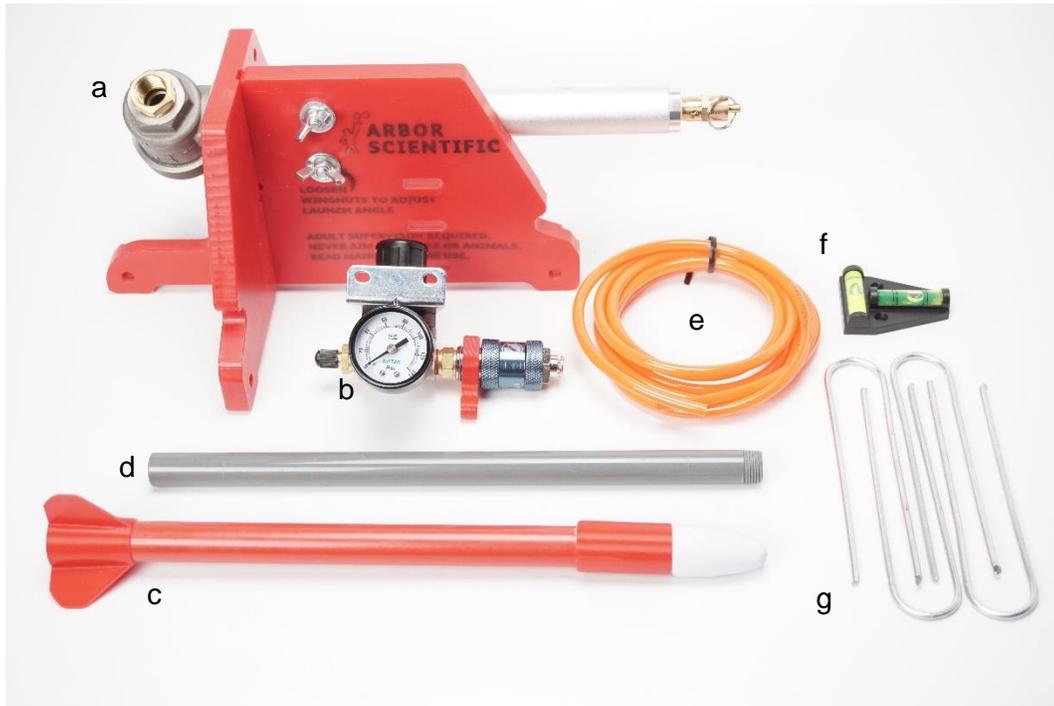


Assembly Instructions

Contents



Precision Air Powered Projectile:

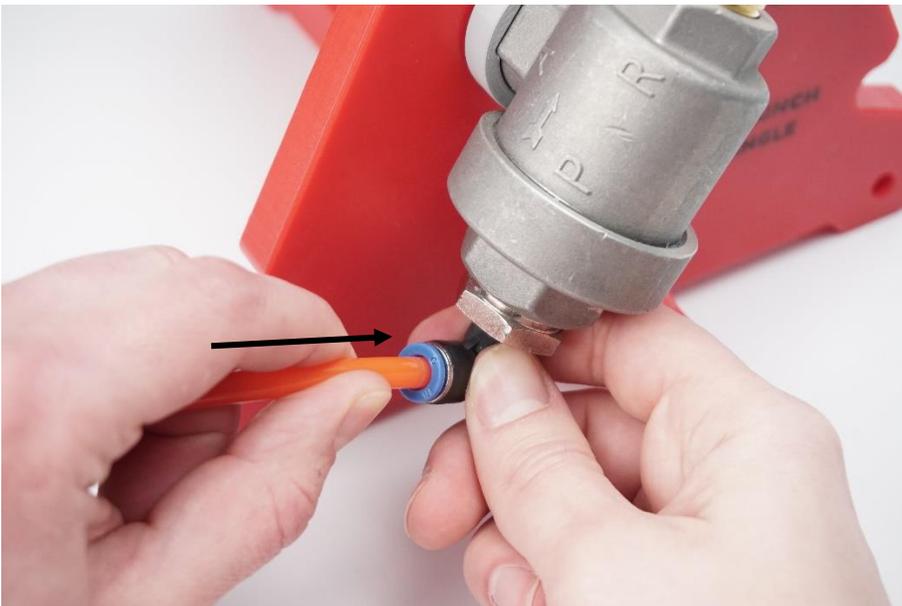
- a) Launch base & pressure tank assembly
- b) Pressure regulator & slide valve assembly
- c) Rocket body and nose cone
- d) Launch tube
- e) Orange tube
- f) T-level
- g) 4 metal stakes

Assembly

First, insert the launch tube into the brass threaded adapter on the exhaust valve as shown. **Be careful not to cross-thread the plastic tube in the metal adapter.**



Then insert one end of the orange tubing into the right-angled connector at the bottom of the exhaust valve. Push firmly until the orange tube clicks into place.



Push the other end of the tube into the slide valve. This connection should also click into place.



At this point, the pneumatic connections are all made. The base should be placed on a level part of the ground and staked down at each of the 4 legs.

To adjust the angle, loosen one of the wingnuts to allow the pressure tank and launch tube to rotate freely. Hold the launch tube at the desired angle (indicated by the pointer and protractor) and tighten the wingnut.



Now simply connect any bicycle pump to the valve on the regulator, pressurize, and launch! Follow instructions in the Teacher Guide for the launching procedure.