

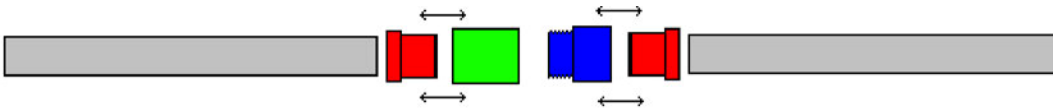
Air Cannon Barrel Extension

A barrel extension is very useful if you want to add a couple feet onto your barrel. It is also very useful if you want to make your cannon able to disassemble for storage. Adding a few extra feet to your barrel is a bit more than simply putting a female-male adapter and attaching the barrel. You must have an smooth connection between the original barrel and the extension. To accomplish this you must do as shown in this simple design.

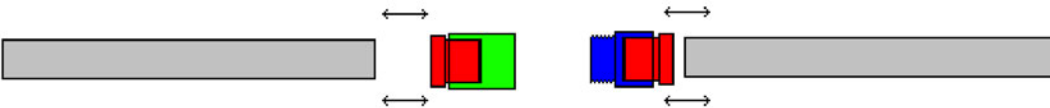
First you must get the following parts. NOTE: The colors correspond to the diagrams below.

- The extra barrel length (I'll use 1.5" as an example)
- **Two 1.5" x 2" bushings**
- **2" Female adapter**
- **2" Male adapter**

You must file away the ridge on the bushings so that the barrel can slide through. Keep the seal tight. Attach and glue the reducers into the male and female adapters.



Now insert the barrel through the female/bushing and glue in place. Insert the extension in the male/bushing and glue in place. Remember that the barrel must be pushed through just enough so that when the extension is attached the barrels are flush.



Now screw the extension and the barrel together when the glue is dry. The finished extension should look like this when attached:

