

## Parts List for Bait Launcher Cannon

ExtremeDIY.ORG

06/07/2019

### Air Chamber to Valve

- 1-1/4" Slip x 1" MPT Fitting
- 1-1/4" PVC Pipe x1-1/5" Long
- 2 ea 1-1/4" Right Angle Slip to Slip Fitting
- 1-1/4" PVC Pipe 4.5" Long
- 1-1/4" PVC Pipe 6.5" Long
- 1-1/4" Slip to 1-1/2" Slip Bushing Fitting
- 1-1/2" Slip to 1-1/2" MPT

### Barrel Receiver

- 1-1/4" Slip x 1" MPT Fitting
- 1-1/4" Pipe 1.5" Long
- 1-1/4" Slip x 1-1/4" MPT Fitting

### Air Chamber

- 1-1/2" Slip x 1-1/2" MPT Fitting
- 3" Slip to 1-1/2" Slip Bushing
- 4" Slip to 3" Slip Reducer Fitting
- 4" PVC Pipe 2' Long
- 4" PVC Cap
- Schraeder Valve - Threaded or Push in Type

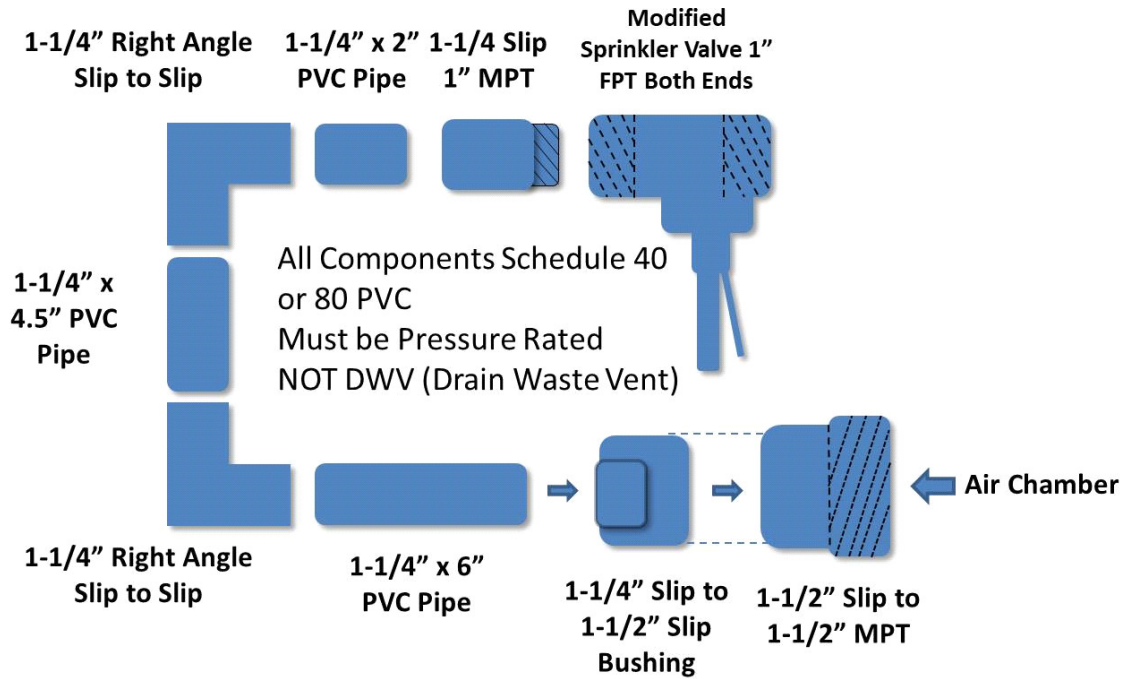
### Barrel

- 1-1/4" MPT x 1-1/2" Slip Fitting
- 1.4" x PVC Pipe 5' PVC Pipe

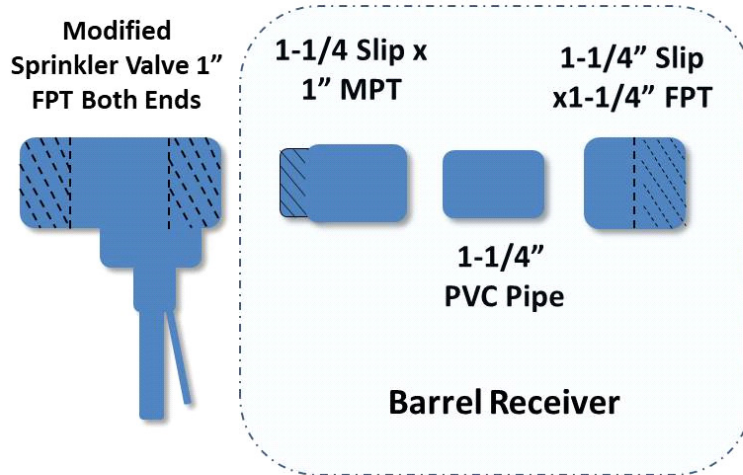
### Stand

- 4" PVC Saddle With 2" Socket Oatey Part# 43791
- 2"X2"X2" Tee Slip Fitting
- 2" PVC Pipe 3" Long
- 2 ea 2" Slip to 1" Slip Reducing Bushing
- 2 ea 1" PVC Tube 1" Long
- 2 ea 1" 90 Degree Fitting
- 2 ea 1" PVC Pipe 12" Long
- 2 ea 1" PVC Cap

## Air Chamber to Trigger Diagram and Parts

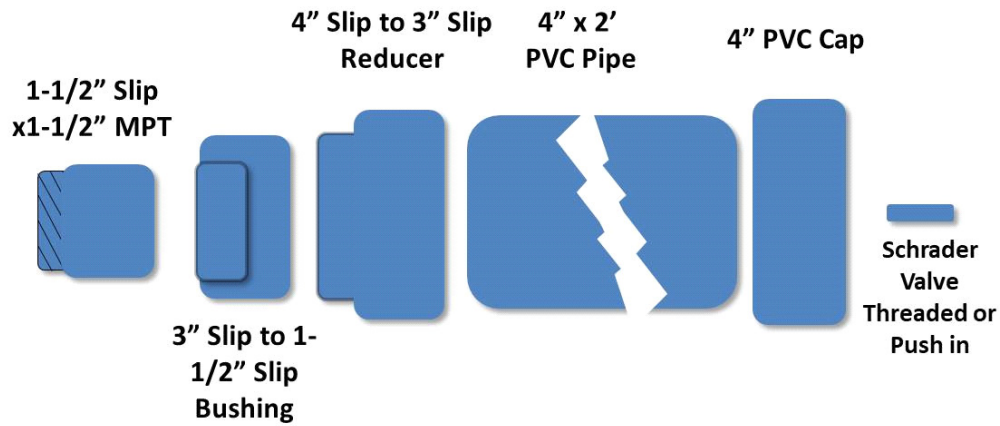


## Trigger to Barrel Receiver Diagram and Parts



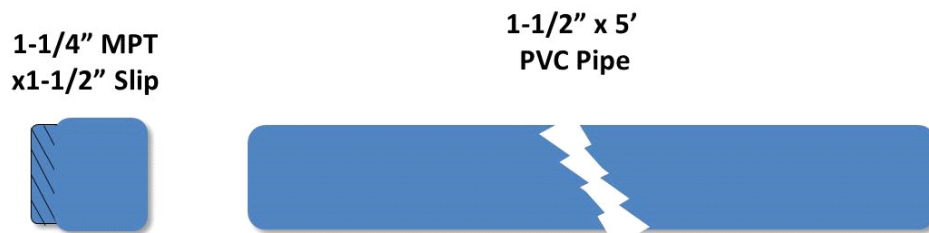
All Components Schedule 40 or 80 PVC Must be Pressure Rated NOT DWV (Drain Waste Vent)

## Air Chamber Diagram and Parts



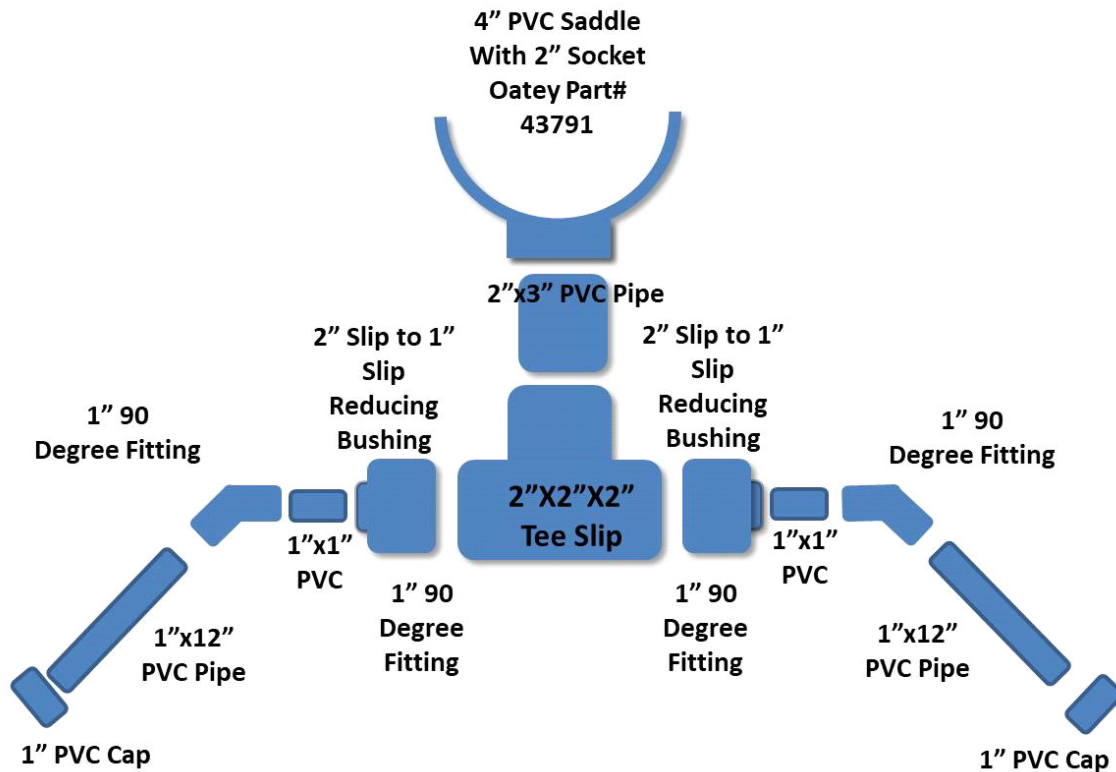
All Components Schedule 40 or 80 PVC Must be Pressure Rated NOT DWV (Drain Waste Vent)

## Bait Launcher Barrel Diagram and Parts



All Components Schedule 40 or 80 PVC Must be Pressure Rated NOT DWV (Drain Waste Vent)

## Cannon Stand Diagram and Parts



Working with compressed air and PVC can result in hazardous if not deadly conditions. As part of my build, I made sure to use schedule 40 (80 would be better) pressure rated PVC. I also made sure that the PVC was rated for pressure and not "DWV" (Drain Waste Vent) which is not pressure rated. The DWV pipes are typically marked in black ink and have "Not for Pressure" marked on them. PVC will fragment if it fails under pressure and can cause severe injuries and or death!

This article is for entertainment and educational purposes. If you choose to do a similar project, you do so at your own risk and release and indemnify me from any liability that may result from accidents involving your project.