

Directions for Building a 10' Boom for use with a Backpack Sprayer

Scott Oneto, University of California Cooperative Extension

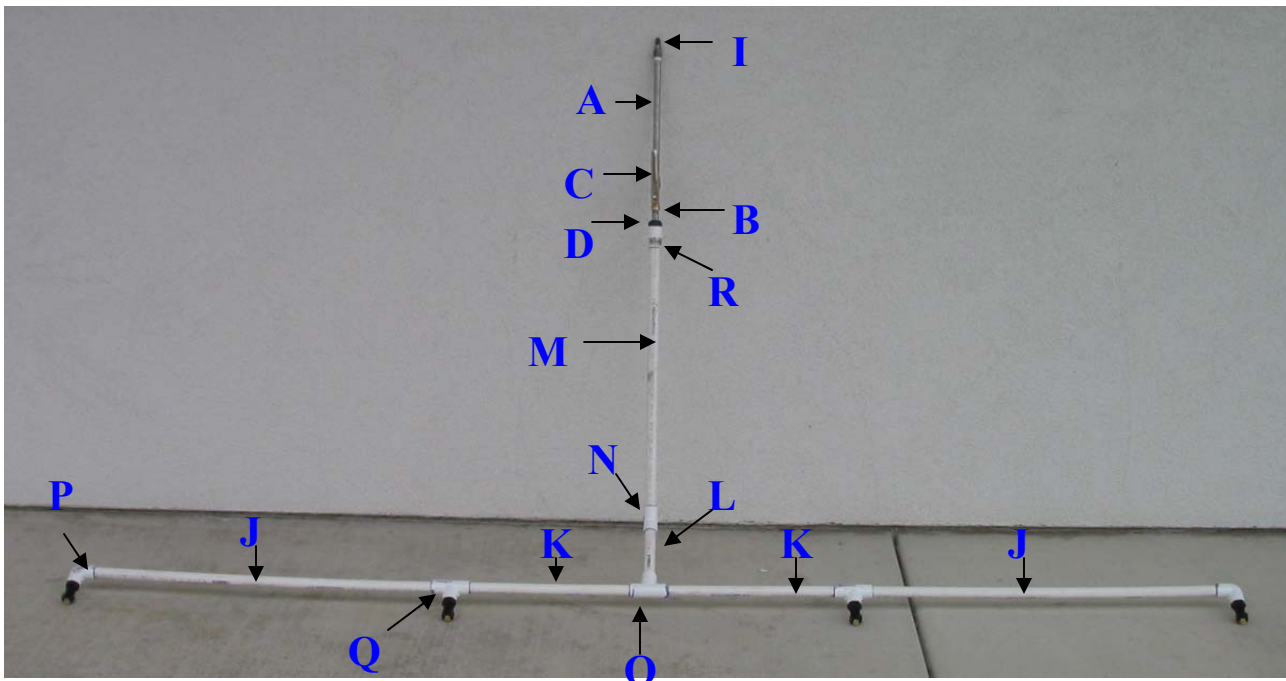
List of Materials

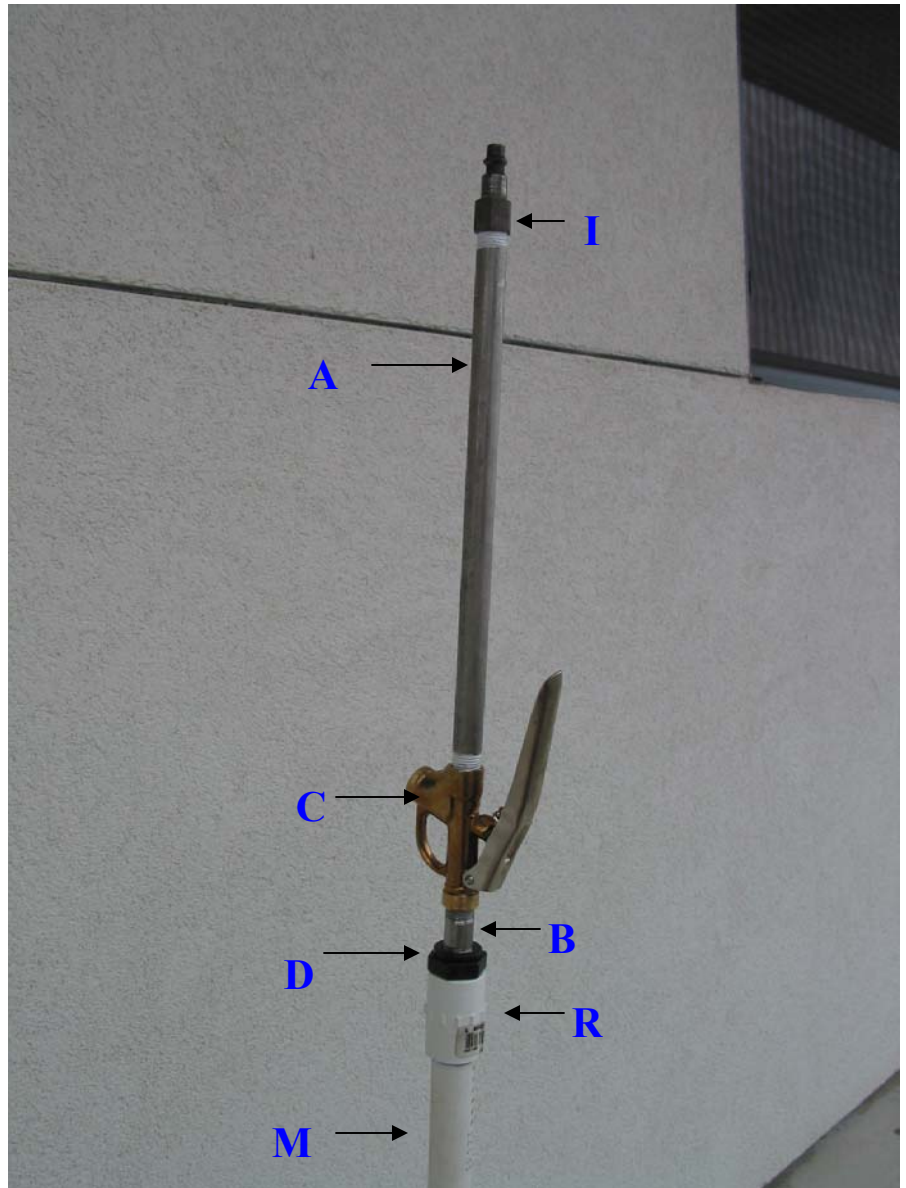
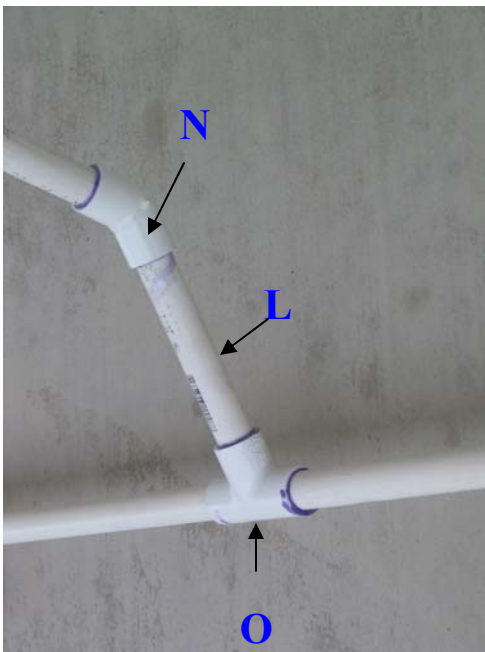
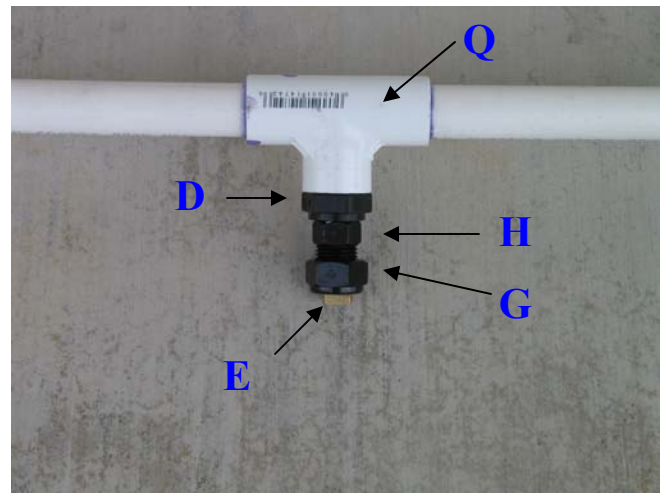
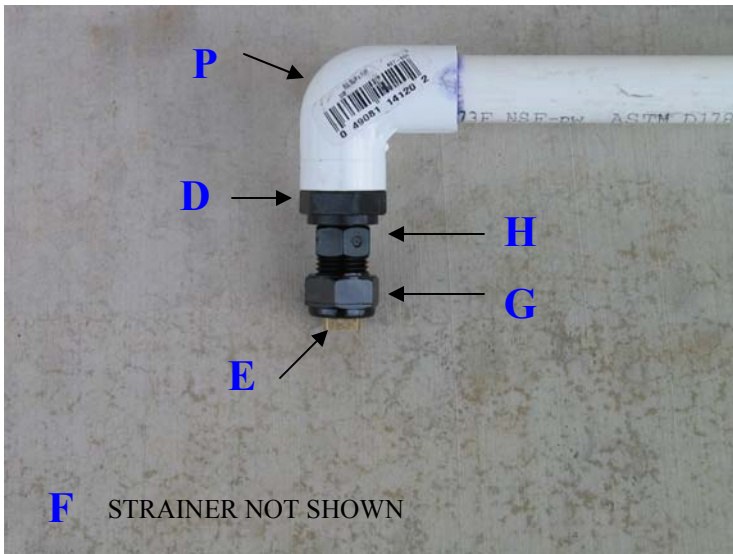
- A. 1 - Stainless Steel Pipe 1/4" x 10" with male threads on both ends
- B. 1 - Stainless Steel Pipe 1/4" x 1.5" with male threads on both ends
- C. 1 - Trigger valve 1/4" female on both ends
- D. 5 - 1/2" x 1/4" polyvinyl reducer bushings
- E. 4 - TeeJet tips, Brass or nylon (size 11001)
- F. 4 - Strainers, 50 mesh
- G. 4 - TeeJet Caps, nylon
- H. 4 - Nylon body
- I. 1 - quick disconnect with 1/4" threads

10' section of PVC 1/2" schedule 40

Cut the 10' section into the following

- J. 2 - 28"
- K. 2 - 14"
- L. 1 - 5"
- M. 1 - 21"
- N. 1 - 45 degree PVC coupler 1/2"
- O. 1 - T coupler, PVC 1/2"
- P. 2 - 90 degree PVC couplers 1/2" (one side should be a slip and the other with 1/2" female threads)
- Q. 2 - T coupler, 1/2" (two sides should be a slip and the other with 1/2" female threads)
- R. 1 - PVC adapter 1/2" slip to 1/2" female threads





For questions contact:
 Scott Oneto
 University of California
 Cooperative Extension
 209-223-6837
 sroneto@ucdavis.edu