

# Swinging Hammer Construction Instructions

1. Measure and cut the 5' of PVC pipe to the following lengths:

2 lengths @ 11/2"

1 length @ 6"

1 length @ 9"

2 lengths @ 10"

4 lengths @ 51/2"

You should have no excess. Cut the 51/2" lengths last. If one of them is a tad short, cut the other three 51/2" pieces to the same length.

2. Clean the edges of the cut ends with the metal fingernail file. Be sure that any lip is filed off and the ends are smooth.

NOTE: If you are planning to disassemble and reassemble your swinging hammer, each time you put a fitting together swab both the male and female end with petroleum jelly. If you never want to take it apart again, don't bother with the jelly.

3. Place the Swinging Hammer Diagram where you can see it for a visual during the rest of the directions.
4. Fit one cap on each of the 11/2" lengths, then fit one cap on each of the 51/2" lengths.
5. Fit the two capped 11/2" lengths into the cross piece of one 1/2" standard T. You should not see any of the 11/2" length of pipe when they are fitted together properly. The standard T and the caps will be flush. Fit the four capped 51/2" lengths into the cross pieces of two 1/2" standard T's.
6. Fit the 9" piece into the standard T with the 11/2" capped pieces. Fit the 10" pieces into the two standard T's with the 51/2" capped pieces.
7. Fit the other end of the 9" piece into the bottom portion of the bullhead T. The top of the T and the bottom of the hammer should be perpendicular to each other.