

PIPE ANVIL

Simple curve/cone bender for sheet metal



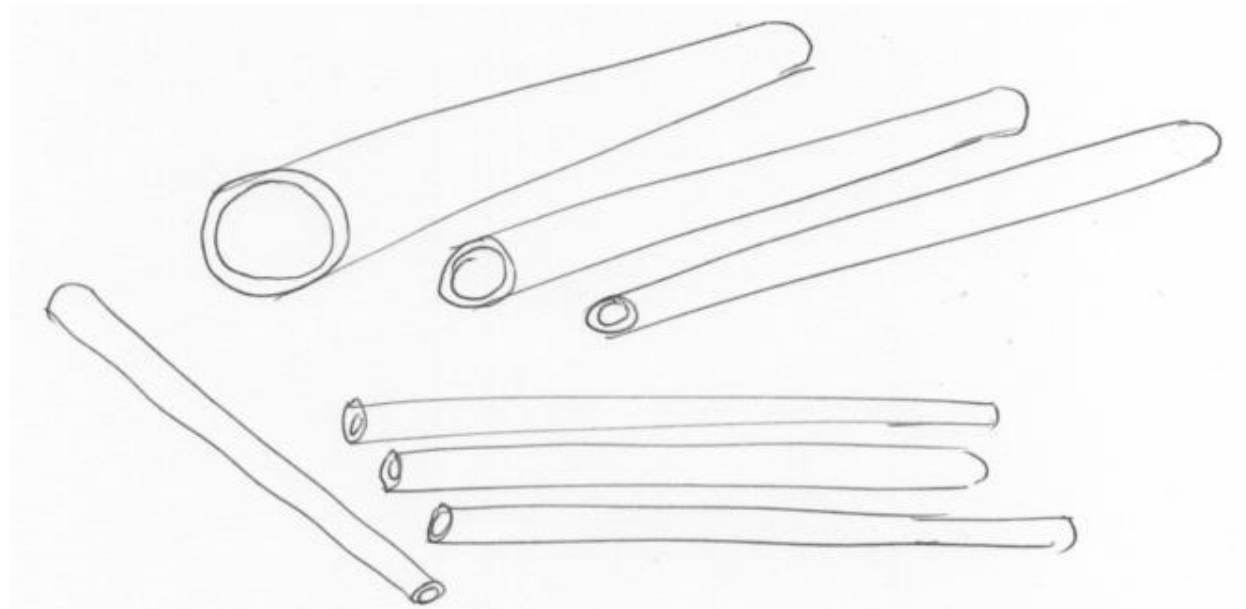
This is a fairly simple tool, accredited to the famous custom car builder Gene Winfield. Fantastic for forming curves in sheet metal. These plans are based on what I built, referencing a wack of YouTube videos.



[Video Build](#)

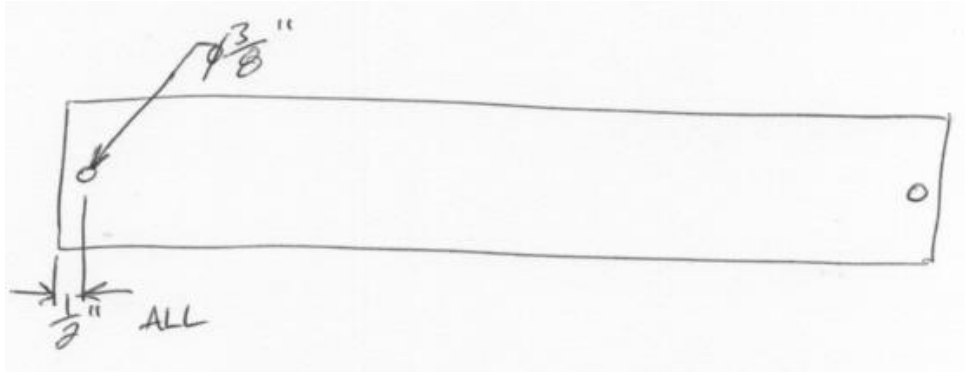
You are going to want to find at least three different diameters of pipe. I used 6", 3" and 2" pipe, as well as some 1-1/2" pipe for legs, because that is what I found for cheap.

There really aren't any hard-and-fast rules here. While many folks weld theirs together, I chose to bolt it together so I can make changes if I ever have to.

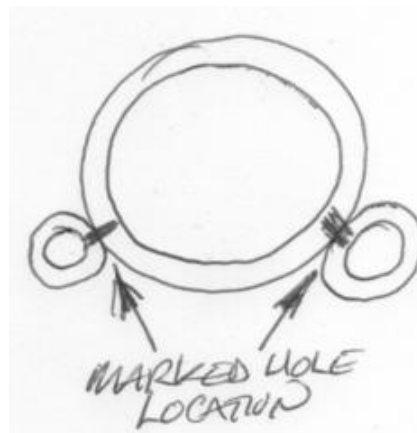


Cut all three "bending" pipes to the same length. Most people do about 4' length.

On the two smaller diameter bending pipes, drill a 3/8" hole about 1/2" in from each end for attaching.

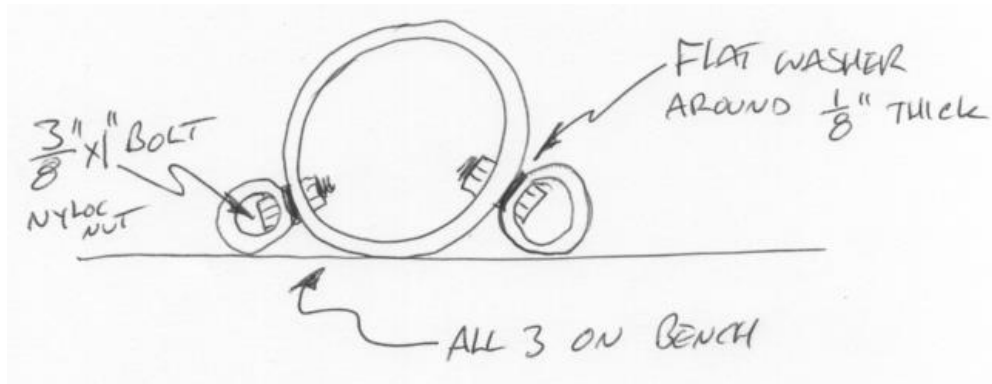


With all three pipes on a bench (or the floor), marks the ends of the pipe to indicate where the holes are, then transfer those marks to the large center pipe.

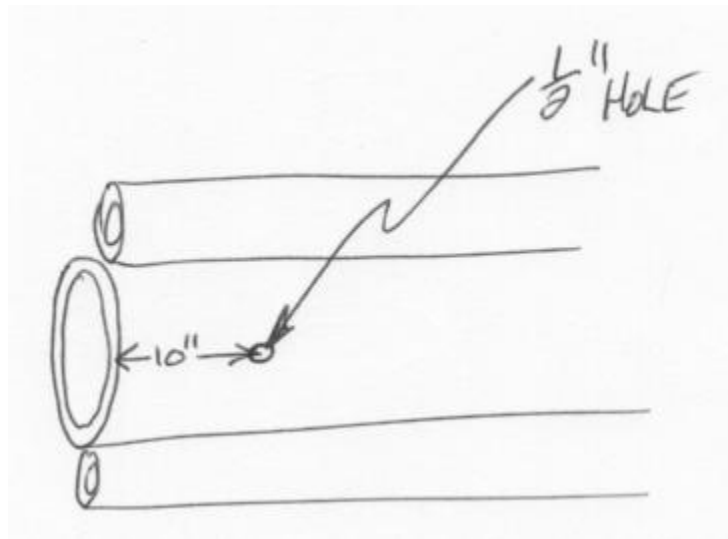


Drill 3/8" holes on the large pipe, 1/2" in from each end, at the locations you marked. If you measured well, it will all fit.

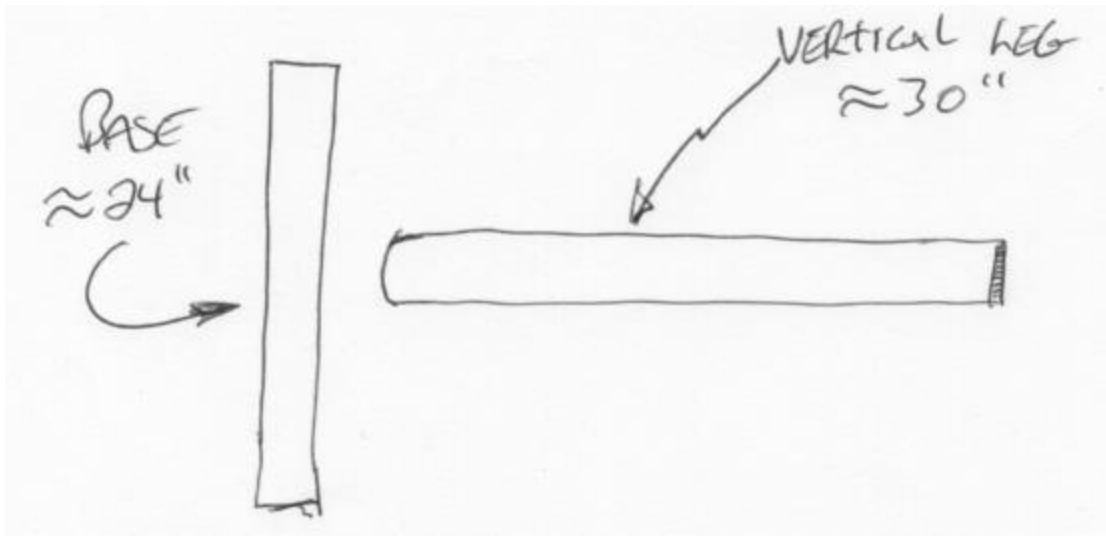
Attach all three pipes together using 3/8" bolts, flat washers, and nuts.



Drag a file or something across the bottom of the three pipes, and it should scratch the absolute bottom for you. Measure in from each end about 10" and drill a 1/2" hole for the legs.

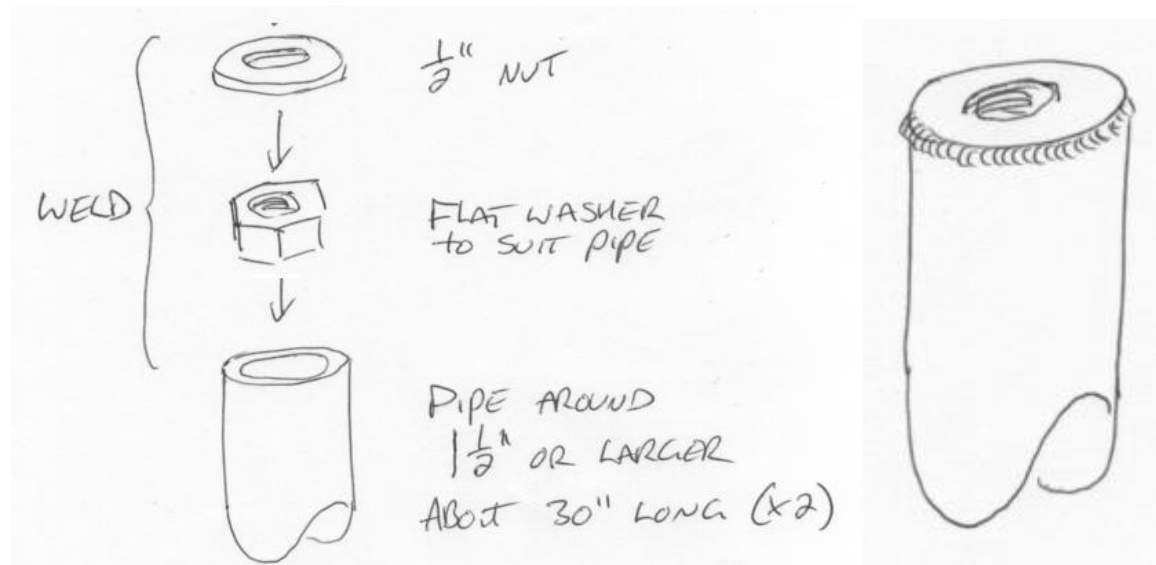


The legs are two verticals and a horizontal base. It's a good idea to "fish mouth" the ends of the tube for a quality fit before welding. The measurements here are not law, they are just what made sense to me at the time.

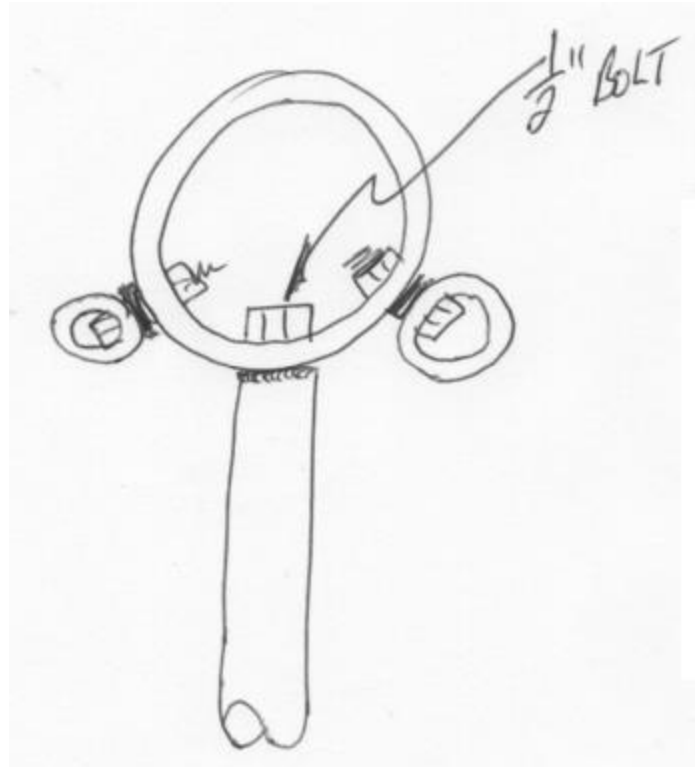


Weld a 1/2" nut to a large washer that is about the same diameter as the leg pipe.

Weld the washer/nut assembly to the leg pipe.



Bolt the center pipe to the vertical legs through the 1/2" hole with 1/2" bolts.



Bask in the simplicity of this awesome tool!

