Portrait Armature

the leaning pipe is extra for experts

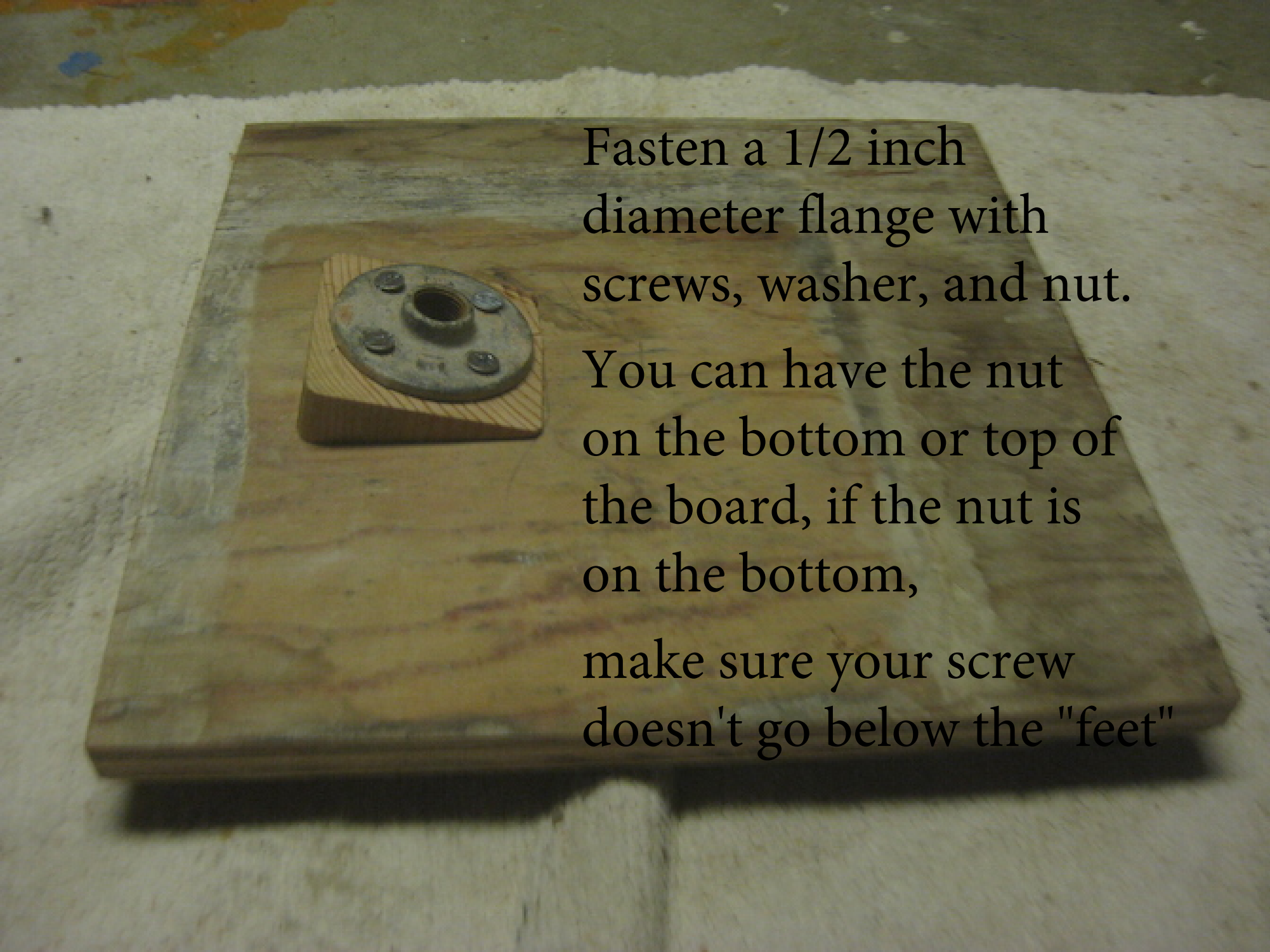
you can have the pipe vertical if you don't have a chop saw to make the wedge, but have the flange and vertical pipe centered on the middle of the board

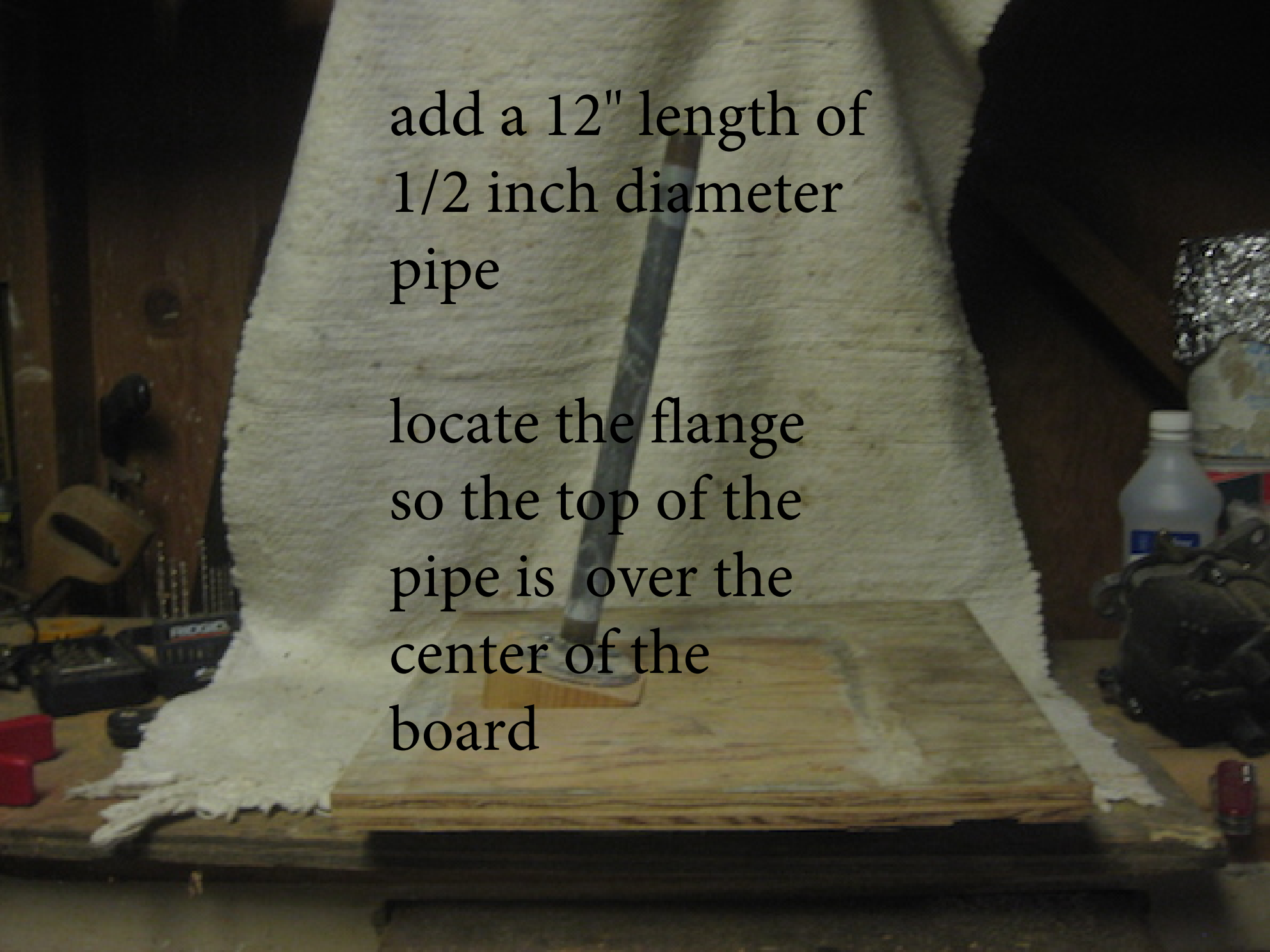

from 3/4" inch thick plywood, cut a 14 x 14" board and two "feet"

fasten the feet to the bottom of the board so you can pick it up

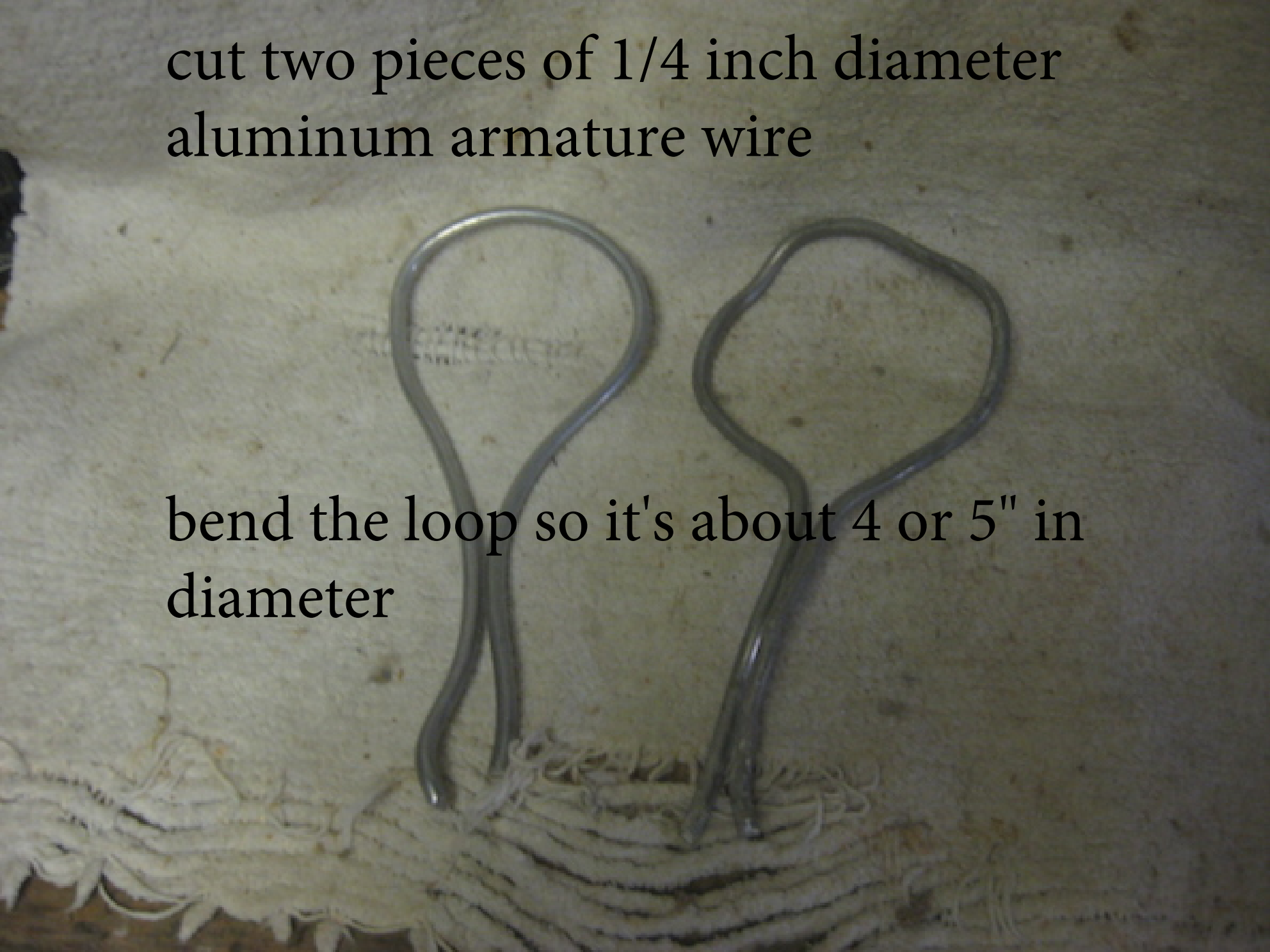

set your
chop saw
or miter
box to 15
degrees
2.5°
15°
0°
15°
22.5°
30°
31.6°

cut a thin 15 degree wedge from a
4 x 4"


Fasten a 1/2 inch diameter flange with screws, washer, and nut.
You can have the nut on the bottom or top of the board, if the nut is on the bottom,
make sure your screw doesn't go below the "feet"

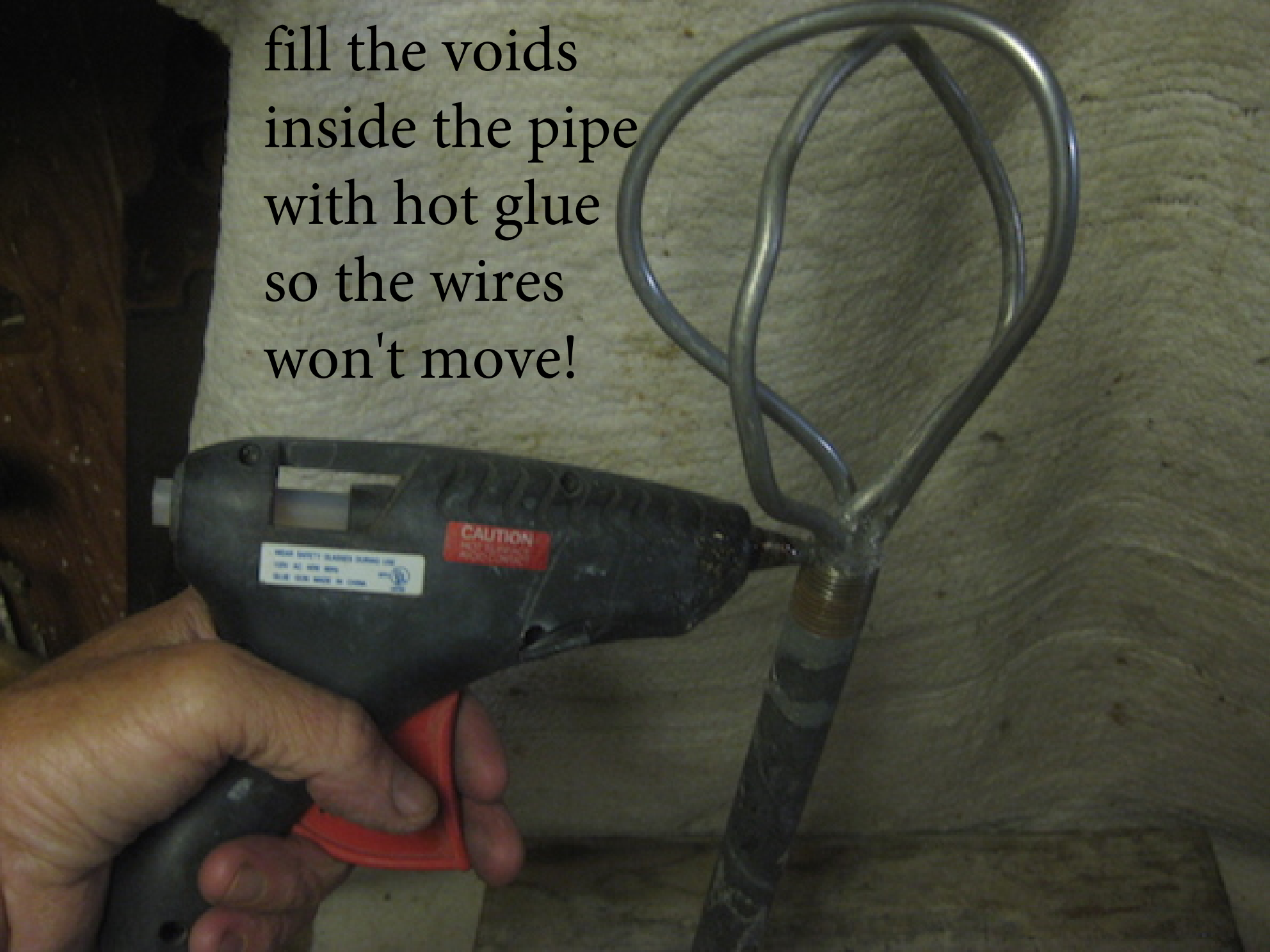

add a 12" length of
1/2 inch diameter
pipe
locate the flange
so the top of the
pipe is over the
center of the
board

cut two pieces of 1/4 inch diameter aluminum armature wire

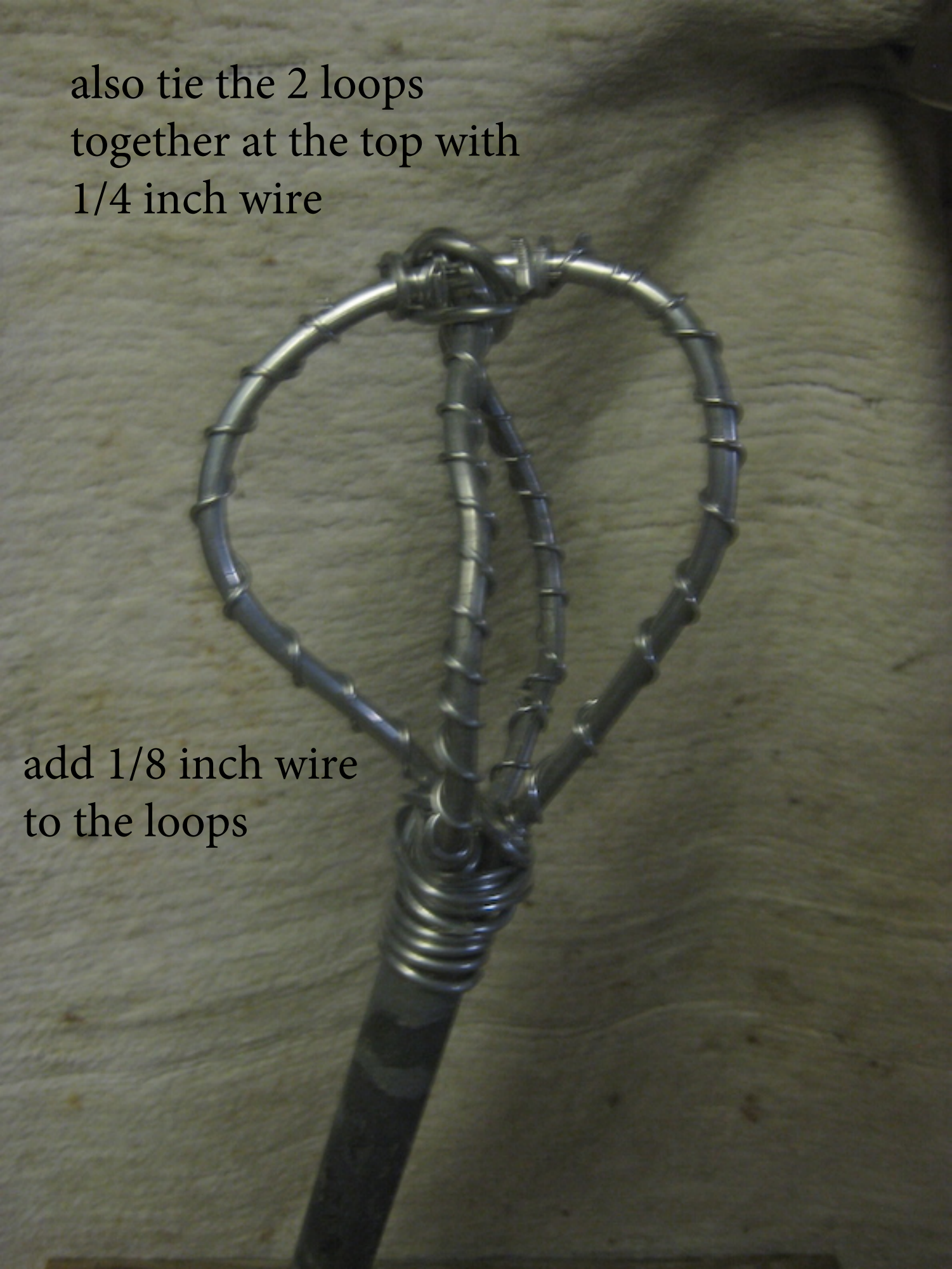


bend the loop so it's about 4 or 5" in diameter


insert the wire
into the pipe


fill the voids
inside the pipe
with hot glue
so the wires
won't move!
CAUTION


reinforce
this area
with 1/8 "
armature
wire


also tie the 2 loops
together at the top with
1/4 inch wire
add 1/8 inch wire
to the loops


your armature
will look
handsome
with some
clay soon