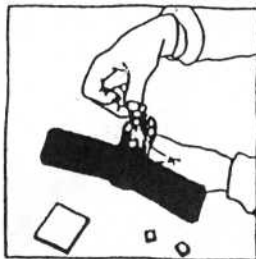


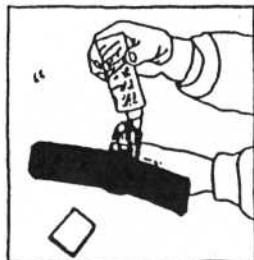
## Completing the Spider

25



Leather pieces should be spaced evenly between the grooves. Be sure the leather gets good and wet with the glue.

26



After the leather pads are glued to the dowel, we apply glue to the tops of the leather pads...

27



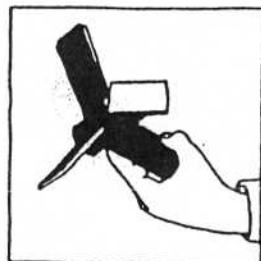
...and glue the mirror onto the pads.

28



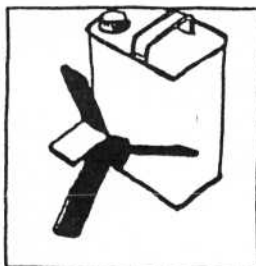
Make sure the mirror is evenly centered over the dowel.

29



The mirror should be kept level while the glue dries.

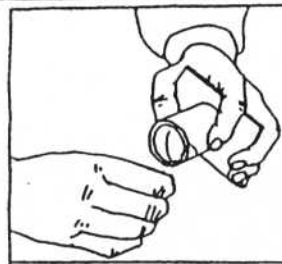
30



Propping up the spider while the glue sets.

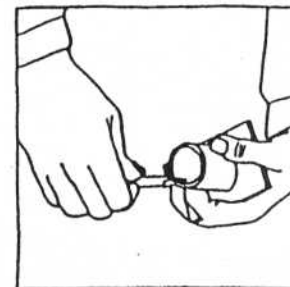
## Making And Installing The Eyepiece Tube

31



Gluing the cardboard eyepiece to a 3"x 4" piece of Masonite with a 1 1/2" hole cut in its center. Make sure to get the cardboard wet with the glue.

32



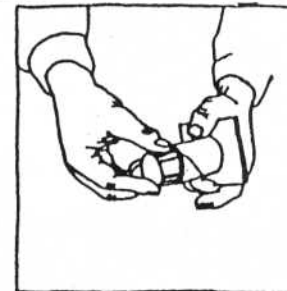
Beveling the inner edge of the tube with a pen knife so that the brass will fit in easily.

33



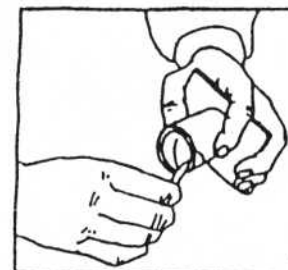
The brass tube should fit snugly inside the cardboard tube...

34



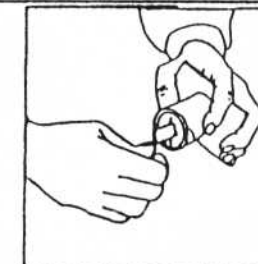
...and slide back and forth fairly easily.

35



If the fit is too tight, we may peel out a thin layer of the cardboard on the inside of the eyepiece tube.

36



If the fit is too loose, we may glue in a strip of cardboard lengthwise down the inside of the eyepiece tube and let the end of the strip hang down over the end of the tube. (The strip should be glued down over the lip of the tube.)