1) Use a blank at least 7” long for the shoe horn or 9” long for the back scratch by 1-1/2” square. Mark the center of each end of the blank. Drill a small pilot hole in each end.

2) Mount the rear of the blank for the end cap (B) to your lathe using a drive center.

3) Bring the tail stock with the live center into the front end of the blank. Lock into place.

4) Turn the handle to the design of your choice.

5) Turn the end of the handle to fit inside the end cap (approximately 5/8” diameter x 1/2” deep), remove the handle to check the fit.

6) The front of the handle should be turned to match the size of the threaded coupler (A) (about 5/8”).

7) Drill a 11/32” hole 3/4” deep through the front of the handle. Insert the coupler using glue.

8) Glue the end cap onto the rear of the spindle. Screw the back scratcher (D) or shoe horn (C) into the front.