

**SLOTTED FURNITURE
CONVERSION
TO NYLON RIVET**



SHORT SHANK RIVET #30-516

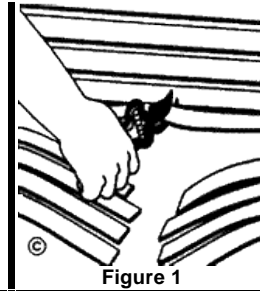


Figure 1

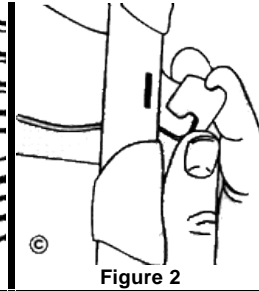


Figure 2

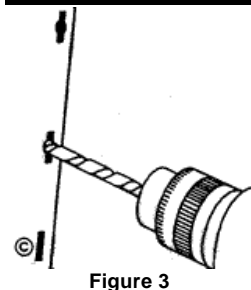


Figure 3

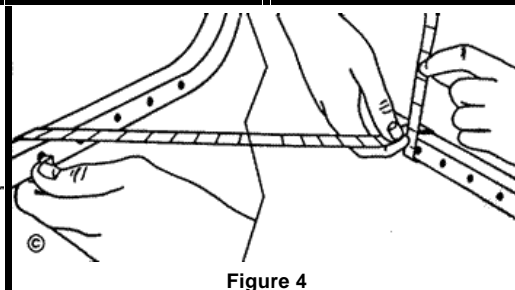


Figure 4

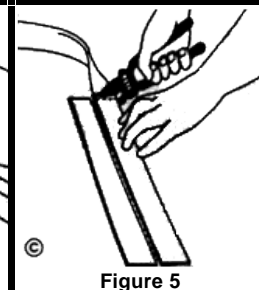


Figure 5



Figure 6

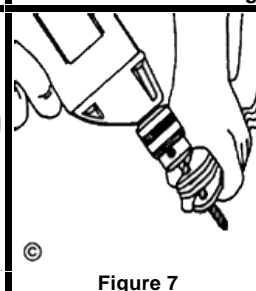


Figure 7

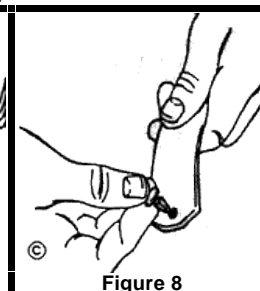


Figure 8

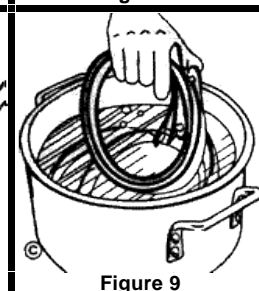


Figure 9

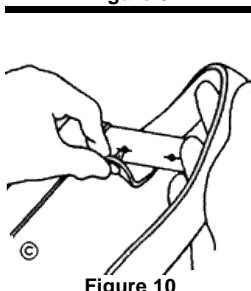


Figure 10

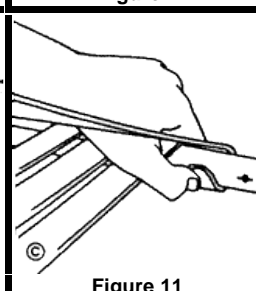


Figure 11

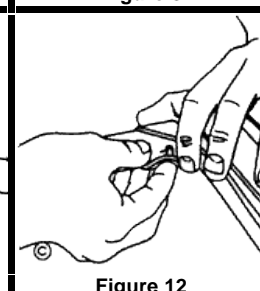


Figure 12

PATIO FURNITURE VINYL STRAP REPLACEMENT

**SLOTTED FURNITURE
CONVERSION TO NYLON RIVET**

FIG. 1 - Using a pair of garden shears cut off all old straps. Clean the piece well. If the furniture is in need of structural repair or painting this is the time to do it.

FIG. 2 - Remove old straps from slot in chair back.

FIG. 3 - Using a 15/64" drill bit, drill a hole in the middle of the existing slot. Be careful not to drill through the other side of the frame.

IF YOU ARE USING PRE-CUT STRAPS SKIP DOWN TO FIG. 8

FIG. 4 - Place the piece to be strapped on a table or work bench. Using a cloth measuring tape, find the exact measurement hole to hole making sure to go around the outside of the frame.

FIG. 5 - Subtract approximately 2-1/2" from the exact measurement obtained in Fig. 4. Cut a couple of straps off your roll of vinyl. (Do not cut all the straps at once as you may want to adjust the strap length after seeing how the first couple of straps fit around the frame).

For example:

Exact measurement hole to hole comes to 25"; minus 2-1/2"; equals 22-1/2". Cut straps to 22-1/2".

* **Note** - Rule of Thumb in trimming straps: Subtract approximately 10% of exact measurement.

FIG. 6 - Using the garden shears trim off the corners on each end of the vinyl straps.

Once you get the hang of it, you can stack several pieces and trim them three or four at a time.

FIG. 7 - Using a leather punch or an electric drill with a 3/16" bit, carefully drill a hole in the center of the strap approximately 1/4" from the end of the strap. Do this with both ends.

FIG. 8 - Insert nylon fastener in both ends of strap.

The vinyl straps must be heated and stretched over the furniture frame. If continuous strapping is anticipated a pair of golf gloves will help reduce finger burn caused by handling the heated straps. In addition you may want to wrap some adhesive tape around the top of your thumb and index finger for a bit more insulation before you put on the gloves.

FIG. 9 - Using a hot plate or other heat source boil a large pot of water. Once the water has come to a boil insert several straps with fasteners inserted. Reduce heat so water remains hot but not boiling. Allow straps to stay in water at least 2 minutes. Leaving them in longer will not hurt them. Remove one strap and dry with towel.

FIG. 10 - While strap is hot approach frame from underneath attaching fastener and bring strap around outside of frame.

FIG. 11 - Stretch strap evenly and steadily pulling strap over top of opposite side of frame.

FIG. 12 - Use heavy thumb pressure against frame to hold vinyl in place and attach fastener with other hand. Relax thumb pressure and strap will contract as it cools.