

## **ASSEMBLY INSTRUCTIONS**

CUSTOM KNIFE KITS (SK-907, 914 KITS)

Read complete instructions before starting.

### **WARNING:**

This blade comes pre-sharpened. Cover the blade edge with several layers of masking tape before you begin working on your custom knife kit. When you are finished with the handles, remove the tape and then clean the residue with hot soapy water or acetone.

### **MATERIALS AND TOOLS REQUIRED:**

Handle material 1/4 to 3/8" thick.

Drill or drill press.

Drill bit (5/32" for SK907, 914)

Handle pins-Included.

Vice Grips or C clamps.

Glue (Epoxy or Gorilla Glue)

Sand paper (150,220, and 400 grit)

Palm sander or belt sander (optional)

Saw (Coping saw, hack saw, or bandsaw)

Wood sealer.

SK-907KIT



SK-914KIT



### **HANDLE (SCALES) SELECTION AND PREPARATION:**

Knife handles are called scales and can be made from any domestic or exotic hardwood. The scales should be 1/4" to 3/8" thick. The width should be 1 1/2". The length should be approximately 4 1/2". We recommend 1/4" thickness for model SK-907, and 3/8" for model SK-914.

Determine which side of the scales will be the inside. Mark the outside of both the right and left side scales. Holding the blade, place the tang (handle portion of the knife) on the inside of one of the scales and clamp it firmly with either a Vice Grip or C clamp. Insure the clamp is centered between the holes to be drilled. Trace the outline of the tang and then drill the two pin holes. Model SK-907 has an additional hole that you may use for a lanyard. Remove the clamp and repeat the process with the other side. Once both scales have been drilled, carefully cut around the outline. Place the two scales together. Insert the pins and clamp both scales together. The front edge of the scales must be cut and sanded to final finish at this time. After the scales are glued to the tang, you will not be able to sand and finish this area without marring the blade. The front of your scales should extend approximately 1/2" from the forward pin.

## **ASSEMBLY:**

Dry fit your scales to the tang to insure proper fit and alignment. If the pins are too tight, lightly sand them until they slide thru both scales and the tang. Insure the inside of the scales are flat against the tang. If not, sand the inside of the scales until you get a true fit. Apply glue to the inside of both scales. Place the scales on the tang, insert the pins, and clamp the scales to the tang. We recommend 30 minute epoxy or guerilla glue. Wipe off excess glue from the front of the scales. Gorilla type glue will continue to expand, so you will have to continue to wipe off any residue until the expansion stops. Q-tips dipped in WD-40 work very well to clean up this area. Let the glue cure overnight before continuing. Clip or saw off excess pin material before final sanding.

## **SHAPING AND FINISHING:**

Initial shaping may be accomplished several ways:

Flat or curved wood rasp.

Sanding block with 150 grit paper.

Electric palm sander with 150 grit paper.

Belt sander with 150 grit belt.

Shape the knife so it feels good in your hand. Once you have achieved the desired shape, begin finish sanding with 220 grit down to 400 grit paper. Rub down with 0000 steel wool and wipe a thin layer of wood sealer on the handles and allow to dry. Finish by buffing with white, red, or pink rouge or hand rub with the steel wool and a soft cloth.