

Spine Alignment Tool

The spine alignment tool lets you find the neutral bending position (NBP). This is the natural bend point of the shaft.

Place the tool in a vise with the front of the tool at a slight angle up from the rear of the tool. To find the neutral bending position, place the butt of the shaft through the front bearing in the tool and extend out the rear bearing approximately 1½". Then wrap a piece of masking tape 1" to 2" on the shaft that is in front of the forward bearing. Some club makers place the tape near the tip; either method works. Next take the third bearing furnished and put it over the tip back approximately 1" to 2" from the tip and bend the shaft down approximately 2" holding it so the bearing turns freely. With your other hand, turn the shaft 360°. You will feel the shaft flip back to a certain spot; this is the neutral bending position (NBP). Mark this position on the shaft with a line.

This is the line that that you want aimed towards the target, so align it with the face of the club head when you assemble and epoxy the shaft in the club head.