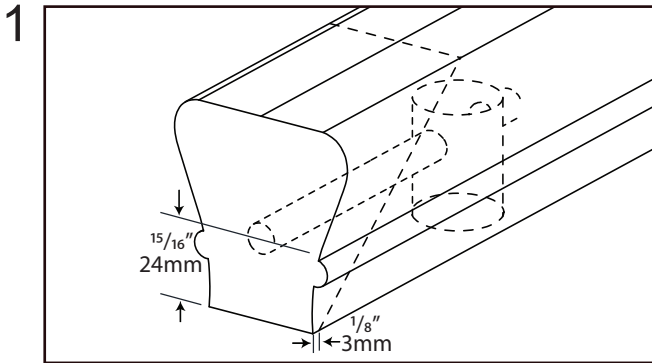
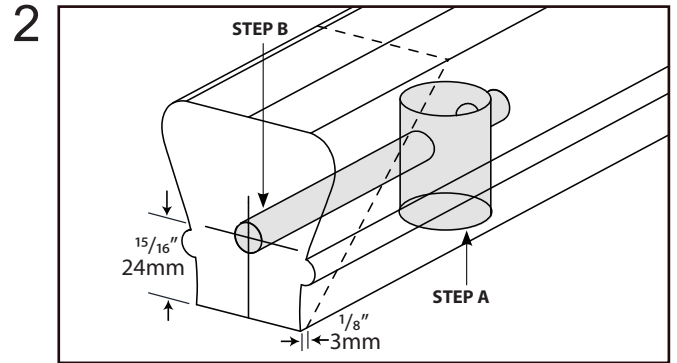


DIAGRAM A

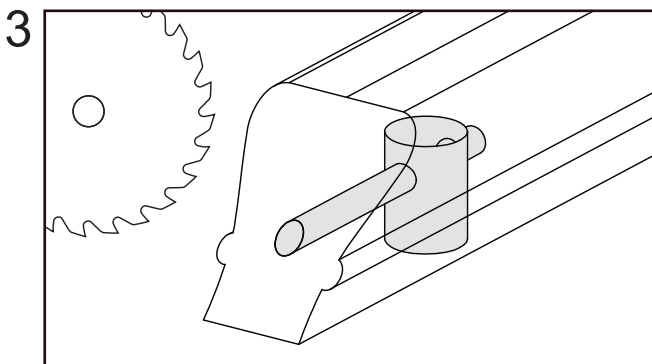


1 Mark the angle on the rail $\frac{1}{8}$ " (3mm) from the end. Refer to diagram A for intersection point. **DO NOT CUT ANGLE UNTIL ALL BORING IS COMPLETE.**

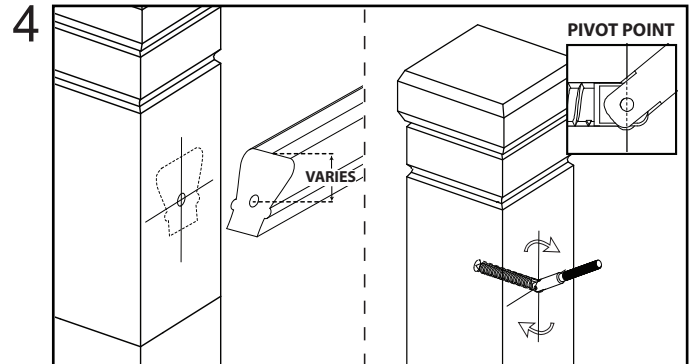


2 **STEP A:** Proceed to bore 1" (25mm) hole, to avoid drilling too deep place masking tape on drill bit to mark desired depth.

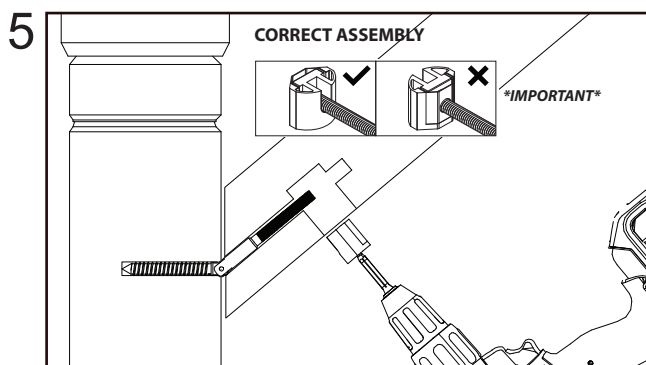
STEP B: Bore the $\frac{3}{8}$ " (10mm) hole until it reaches the other hole. **DO NOT CUT ANGLE UNTIL ALL BORING IS COMPLETE.**



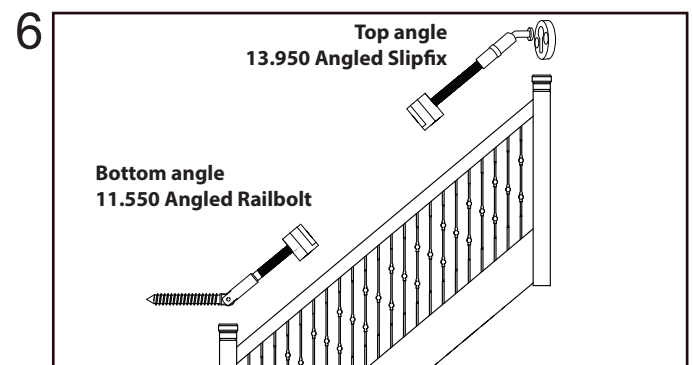
3 Proceed to cut the angle, the $\frac{3}{8}$ " (10mm) hole can now be deepened.



4 Measure from top of rail to hole centre to determine hole position in the newel. For hardwood use $\frac{9}{32}$ " (7mm) drill, for softwood use $\frac{1}{4}$ " (6.5mm) drill. Wind screw end until reaching pivot point using wax as a lubricant.



5 Insert gear housing and tighten. Use low torque setting on drill, do not use impact driver to tighten gear. Plug hole and sand. Job complete.



6 If using 13.950 to secure the top section of rail, proceed to those instructions before installing gear and fully tightening the 11.550.