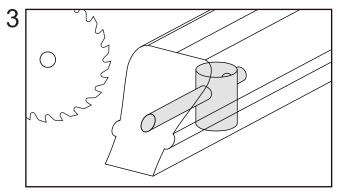
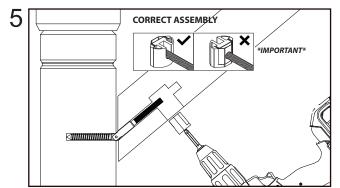
## INSTALLATION INSTRUCTIONS Zipbolt Angled Railbolt - 11.550 Patents granted and pending NEWEL RAIL 2 <sup>1</sup>/8″ INTERSECTION 1″ 55mm POINT 3/8" 25mm HARDWOOD 10mm <sup>9</sup>/32″7mm \_ \_ \_ \_ \_ \_ \_ \_ \_ ↑ 3/8 2′ SOFTWOOD <sup>15</sup>/16″ Î 35mm 51mm 24mm <sup>1</sup>/4″ 6.5mm ¥ 2 1/2' 64mm 8 3mm DIAGRAM A 2 1 STEP B <sup>15</sup>/16 15/16 24mm 24mm STEP A ł 1/。 →Í+3mm →∭ <del>~</del> 3mm

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.



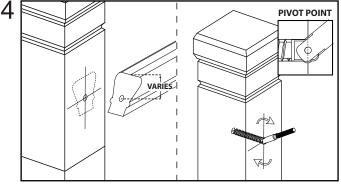
Proceed to cut the angle, the  $\frac{3}{8}''$  (10mm) hole can now be deepened.



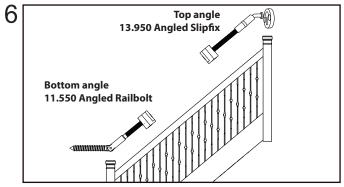
Insert gear housing and tighten. Use low torque setting on drill, do not use impact driver to tighten gear. Plug hole and sand. Job complete.

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.



Measure from top of rail to hole centre to determine hole position in the newel. For hardwood use %22" (7mm) drill, for softwood use  $\frac{1}{4}$ " (6.5mm) drill. Wind screw end until reaching pivot point using wax as a lubricant.



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