

INSTALLATION INSTRUCTIONS

Zipbolt Angled Slipfix Railbolt - 13.950

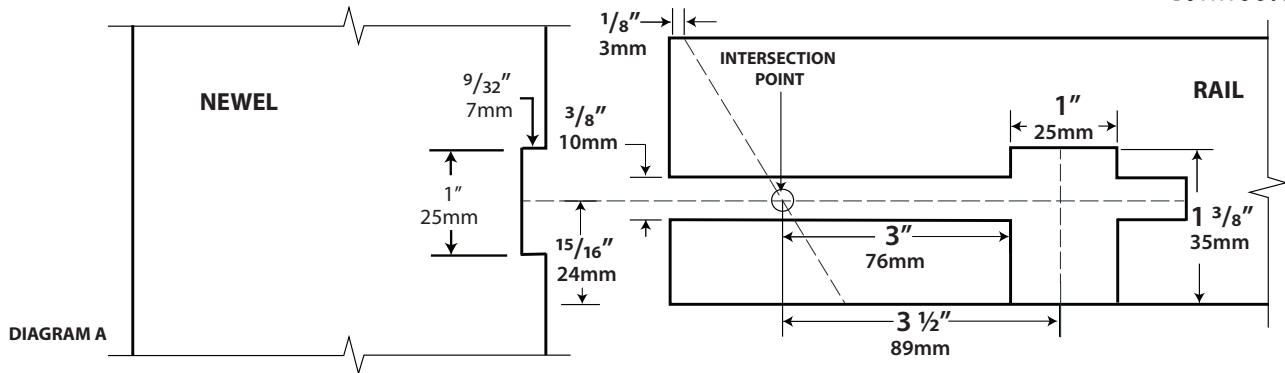
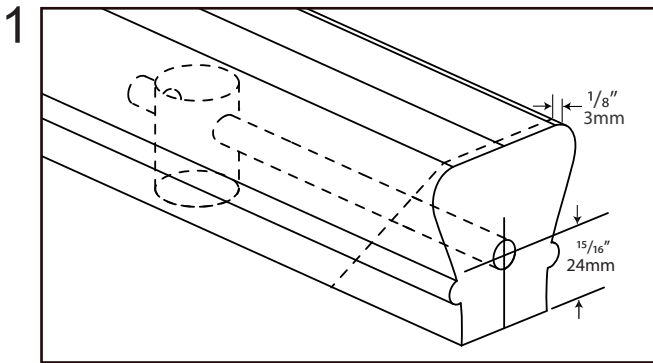
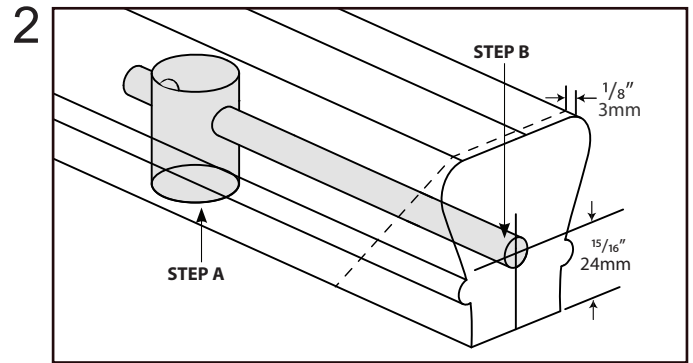


DIAGRAM A



1 Mark the angle on the rail $\frac{1}{8}$ " (3mm) from the end. Refer to diagram A for intersection point. Mark 1" (25mm) and $\frac{3}{8}$ " (10mm) hole for drilling.

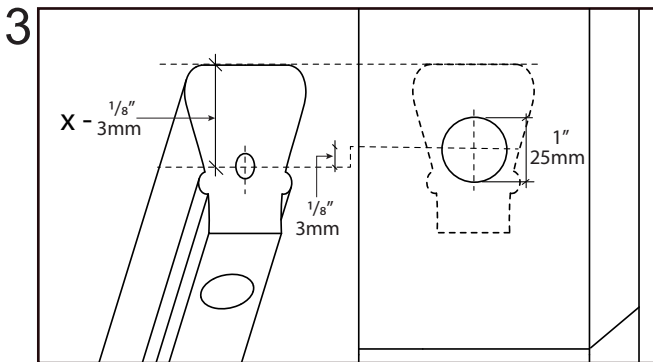
DO NOT CUT ANGLE UNTIL ALL BORING IS COMPLETE.



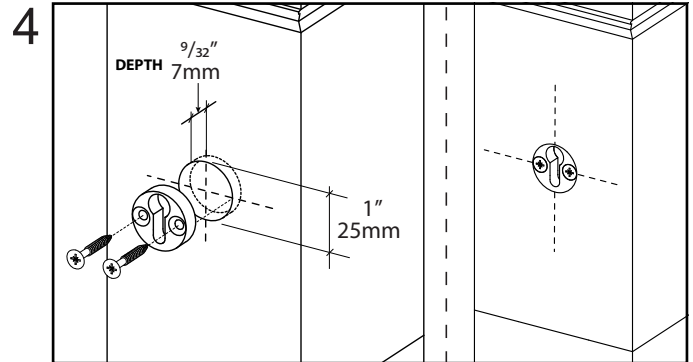
2 **STEP A:** Proceed to bore 1" (25mm) hole, to avoid drilling too deep place masking tape on drill bit to mark desired depth.

STEP B: Bore the $\frac{3}{8}$ " (10mm) hole until it reaches the other hole.

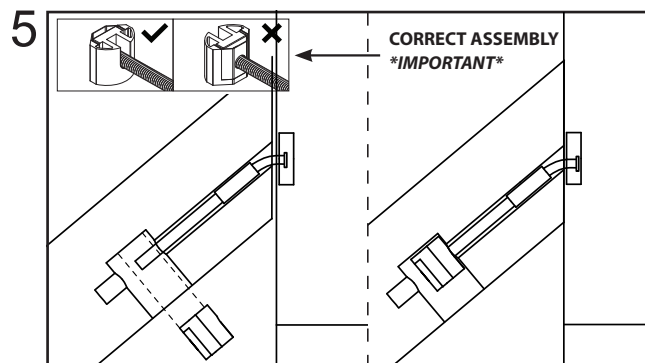
STEP C: Proceed to cut the angle, the $\frac{3}{8}$ " (10mm) hole can now be deepened.



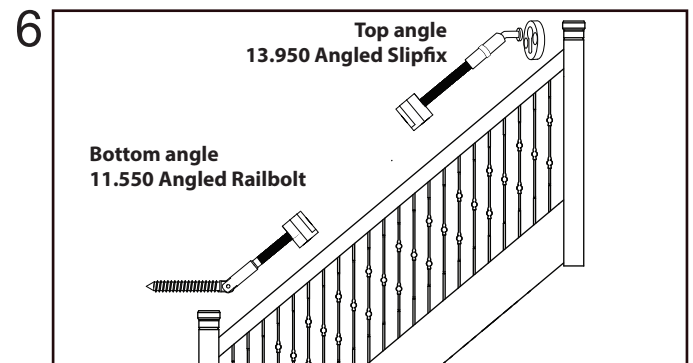
3 Mark final resting position of the rail onto the newel. Measure top of rail to centre of $\frac{3}{8}$ " (10mm) (X). Subtract $\frac{1}{8}$ " (3mm) from measurement "X", this will give the disc centre from the top of line marked on newel.



4 Drill 1" (25mm) hole $\frac{9}{32}$ " (7mm) deep. Install key-hole disc so that it is flush or slightly under post. secure disc with screws. **(Pre drill holes to accept screws).**



5 Insert gear housing onto the shaft, leave the knib protruding enough to engage the key hole. **(There is sufficient shaft play if rail needs trimming).** Plug hole and sand. Job complete.



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