



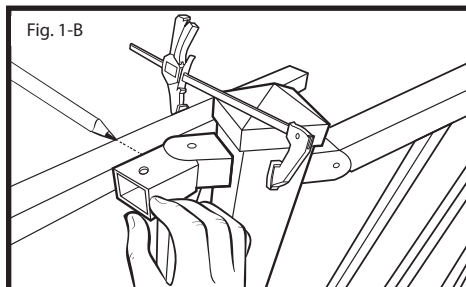
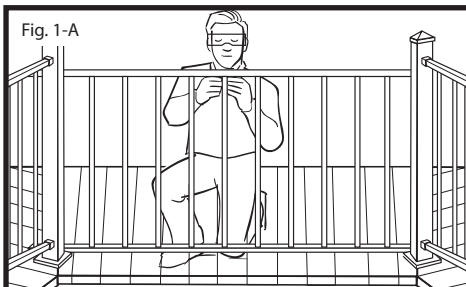
**NOTE:** Responsibility of the installer to meet all codes and obtain all required building permits. Cinch™ or its distributors shall not be held liable for improper or unsafe installations. Post must always be secured to the deck framing, post should never be attached to the deck boards only. Remove all metal shavings from the cut areas. File any sharp edges left by cutting. Apply two coats of touch up paint to the cut area and allowing paint to dry recommended to use Rust-Oleum Satin Canyon Black code 249844. For Satin black finish and Hammered Brown Color code 210880 for Bronze.

# INSTALLING ANGLE BRACKETS ONTO A BLANK POST OR EXISTING WOOD POST

**IMPORTANT:** Every angle installation will be different, post position and post height all need to be carefully laid out before post is permanently installed and panels are cut.

## STEP 1

Level Angles are installed using the same bracket hardware as stair installation. Position the rail between two posts so equal baluster spacing exists at each end and at desired lower rail height for level panel as specified by local building codes (see Fig. 1-A). Clamp the railing to the post. Center bracket on the post and line up next to the railing and mark railing  $\frac{1}{4}$ " past the set screw hole toward the post at all bracket locations (see Fig. 1-B). Mark post for bracket height for each bracket. Cut panel and paint all cut ends.



## STEP 2

Set post half of bracket at the marks on post. Drill screw hole with  $\frac{5}{32}$ " metal drill bit using the brackets as a guide. Attach the post half of the brackets to the post using the provided fasteners [ $\#10 \times \frac{3}{4}$ " Pan Head Screw] (see Fig. 2-A). Place the rail half of the bracket onto the railing and set panel into place, attach the two bracket halves together with provided fastener (see Fig. 2-B). Drill holes with a  $\frac{5}{32}$ " metal drill bit at the set screw location on the rail half of the bracket. Secure the railing bracket half to the railing with the provided fasteners [ $\#10 \times \frac{1}{2}$ " Flat Head Sheet Metal Screw] (see Fig. 2-C).

