

# Cut Bottom Rail



- A. Cut bottom rail in center of marks from step 2.
- B. Vacuum/remove shavings from inside rail prior to installation.

#### **Attach Bottom Rail to Post**

- A. Slide brackets on to each end of rail.
- B. Place bottom rail on 2" x 4" spacer as shown in Step 1 and install bottom rail.
- C. Attach bracket to post using (2) #10 x 1" pan head screws per bracket.
- D. Once brackets are attached to posts, use (2)  $\#10 \times \frac{3}{4}$ " flat head screws per bracket to attach bracket to rail.

**pro***TIP*: Center punch can be used to mark hole locations prior to pre-drilling.

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## Align and Mark Top Rail

- A. Insert (2) balusters into openings, one at each end in bottom rail.
- B. Insert the (2) balusters into top rail and measure the gap between the post and each baluster.
- C. Ensure the gap dimension is equal at both baluster. Balusters should plumb.
- D. Using a square, draw line where the rail intersects the post. Mark the upper post on the bottom of the rail and the lower post at the top of the rail.
- E. Mark side of the rail at the upper post with a "T" inside the mark to denote the top post and side of the rail at the bottom post inside the mark with a "B" to denote bottom post.
- F. Slide Brackets on to each end of rail.

## Cut Top Rail



- A. Cut rail on middle of line from step 5.
- B. Vacuum/remove shavings from inside rail prior to installation.

#### Attach Top Brackets to Posts

 A. Angle balusters away from you. Starting on one end, insert balusters into top rail.
 B. Clida Burdest and a start and a family

- B. Slide Brackets on to each end of rail.
- C. Slide rail into position.
- D. Screw brackets to post using (2) #10 x 1" pan head screws per bracket.
- E. Once brackets are attached to posts, use (2)  $\#10 \times \frac{3}{4}$ " flat head screws per bracket to attach bracket to rail.

Aluminum Stair Baluster Chart
Length of Section
4' Section
5' Section
6' Section
7' Section
7' Section

Balusters per Stair SectionLength of SectionLincoln 36"Lincoln 42"Grand Prix 36"4' Section9--5' Section11--6' Section1313137' Section16-8' Section1818