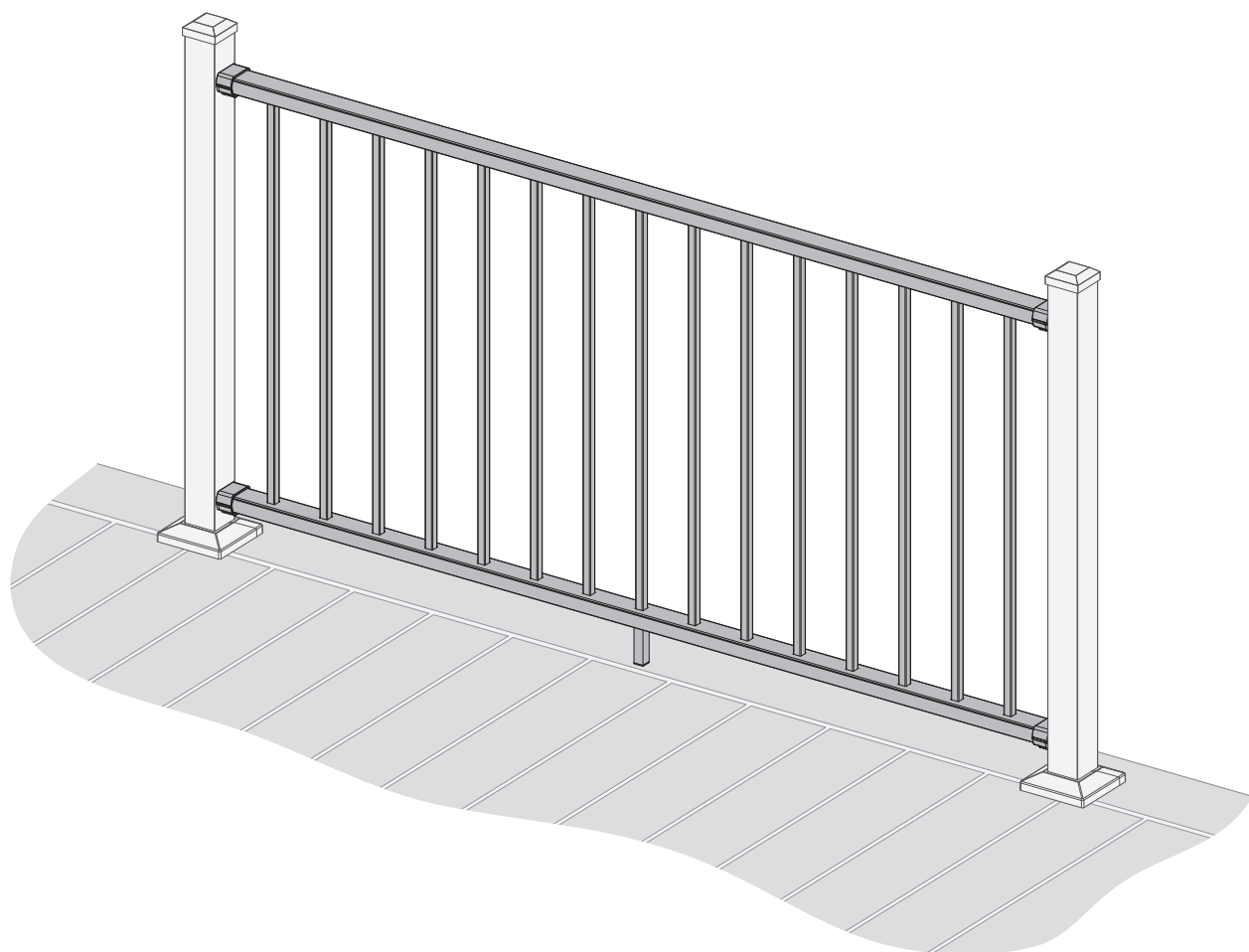




INSTALLATION INSTRUCTIONS

RAPID RAIL LINE RAIL KIT



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PRIOR TO CONSTRUCTION:

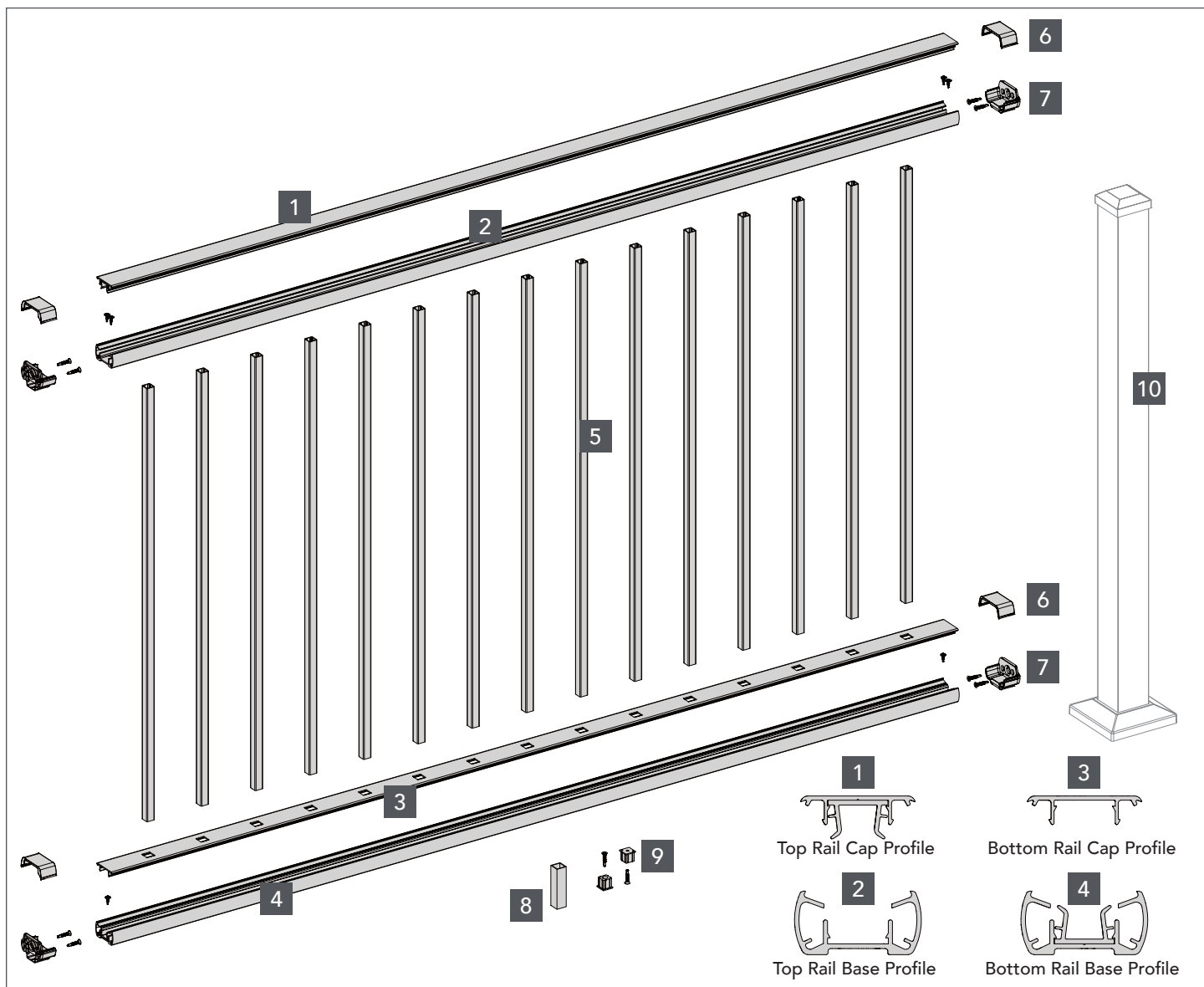
Check with your local regulatory agency for special code requirements in your area.

Read these instructions completely for an understanding of how the product fits together and how each part affects the others.

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PARTS AND TOOLS

PARTS INCLUDED



ITEM	NAME	QTY
1	Top Rail Cap	1
2	Top Rail Base	1
3	Bottom Rail Cap	1
4	Bottom Rail Base	1
5	5/8" Square Baluster	15

ITEM	NAME	QTY
6	Bracket Cap	4
7	Bracket Base	4
8	Crush Block	1
9	Crush Block Connector with #8 x 1" Screw	2
10	Post Assembly (Sold Separately)	—

HARDWARE INCLUDED	QTY
1/2" #10 Screws	9
1" #10 Screws	9

TOOLS REQUIRED

- Power Drill
- 5/32" Drill Bit
- T20 Torx Bit (provided)
- Rubber Mallet
- Miter Saw
- Pencil
- Tape Measure
- Bar Clamp
- Speed Square

INSTALLATION INSTRUCTIONS

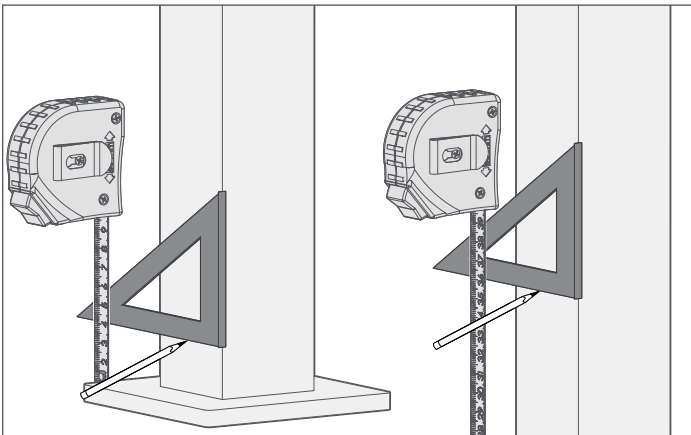
IMPORTANT NOTES

- The 6' kit is designed for a span of 69-1/2" between posts.
- The 8' kit is designed for a span of 93-1/2" between posts.
- Rails should be 3/4" shorter than the span between posts.
- The gap between deck surface and bottom rail is 3".
- The height of the top rail is 36" (or 42" for the 42" Rail Kit).
- The horizontal angle bracket (22° to 45°) is sold separately.



Scan for additional
information and
installation videos

1. MEASURE AND MARK RAIL HEIGHTS



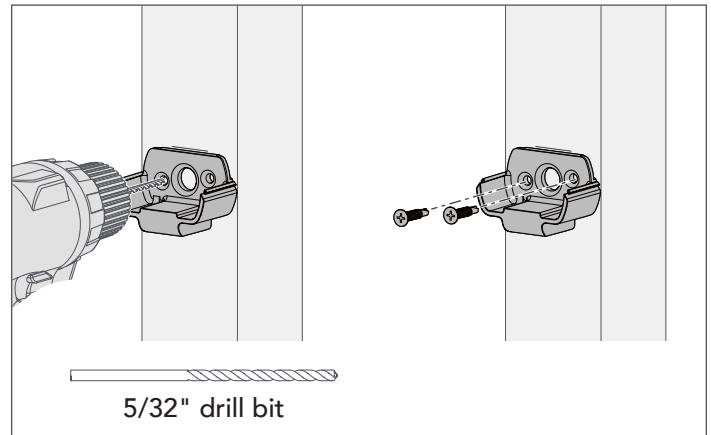
1. For the bottom bracket, measure 4-1/8" up from the deck surface and make a mark on the post.
2. For the top bracket, measure 36" (42") up from the deck surface and make a mark on the post.

NOTE: Common railing height is 36" or 42".

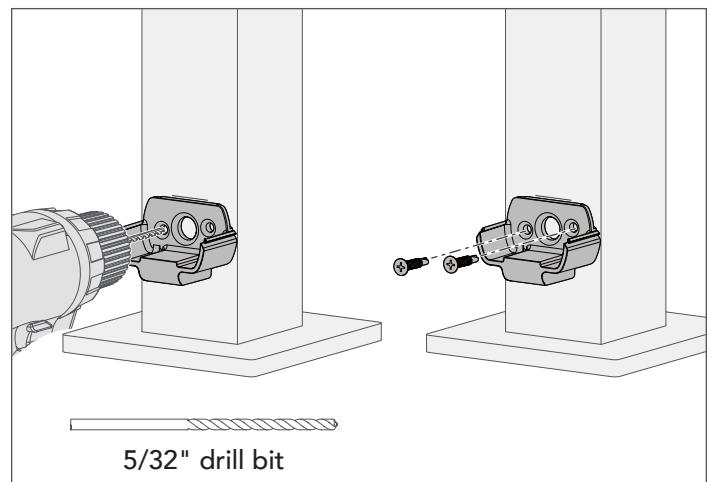
3. INSTALL THE BOTTOM BRACKETS

1. Align the top surface of the bottom bracket base with the 4-1/8" mark.
2. Using the bracket base as a guide, drill pilot holes with a 5/32" drill bit.
3. Attach the bracket using two of the provided 1" screws.

2. INSTALL THE TOP BRACKETS



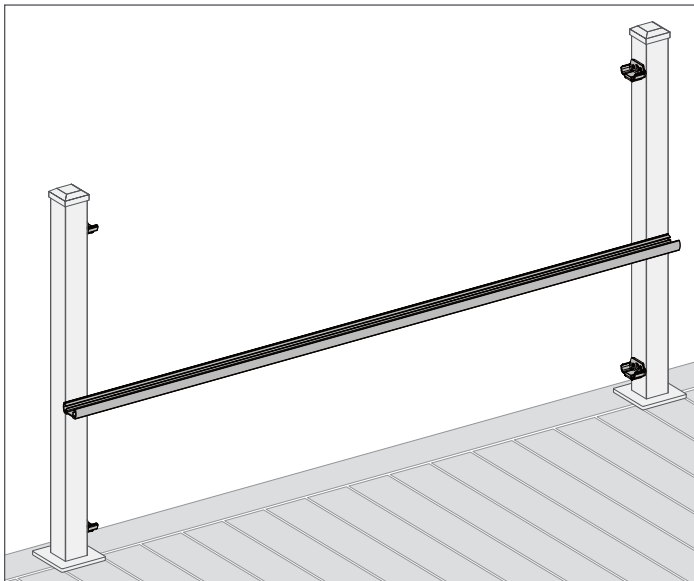
1. Align the top surface of the top bracket base with the 36" (42") mark.
2. Using the bracket base as a guide, drill pilot holes with a 5/32" drill bit.
3. Attach the bracket using two of the provided 1" screws.



OPTIONAL: CUSTOM LENGTH MODIFICATION INSTRUCTIONS

If you need to shorten your rails, follow step 4-6. Otherwise, proceed to step 7.

4. CENTER THE RAIL BETWEEN POSTS



1. Place the bottom rail base between the posts.
2. Align the center baluster slot in both rails with the middle of the span between the posts and ensure the baluster holes have equal spacing from the posts on both sides.

NOTE: You may need to slightly offset the center in one direction to ensure equal spacing.

IMPORTANT: If the gap to the first baluster hole is less than 2", you must shift the rail to one side until the gaps are equal to or greater than 2".

6. CUT THE RAILS

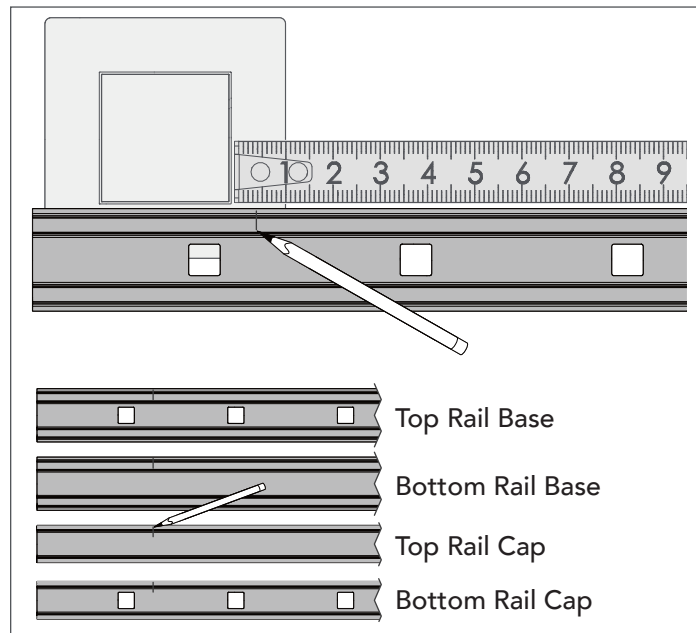
Use a miter saw equipped to cut aluminum and cut all the rail bases and rail caps to the same dimensions based on your marks.

7. INSTALL THE CRUSH BLOCK CONNECTORS

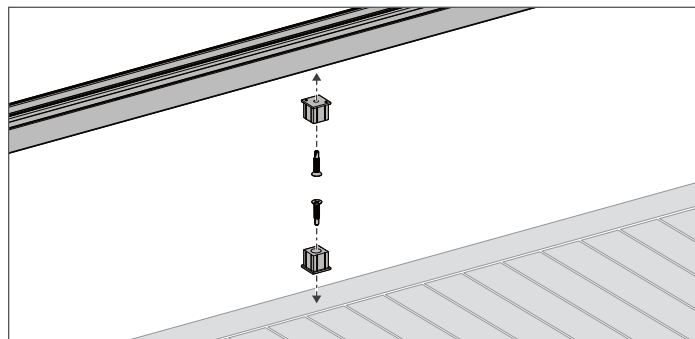
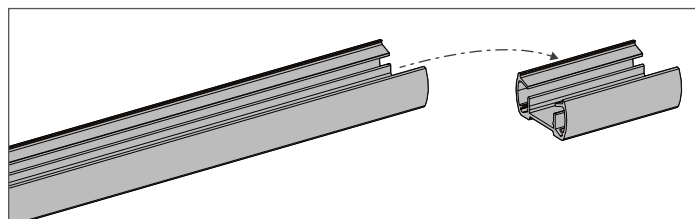
Attach the crush block connectors under the bottom rail using the supplied screws.

NOTE: Any section of railing greater than 3' will require a centered crush block; any section of railing greater than 6' will require two equally spaced crush blocks.

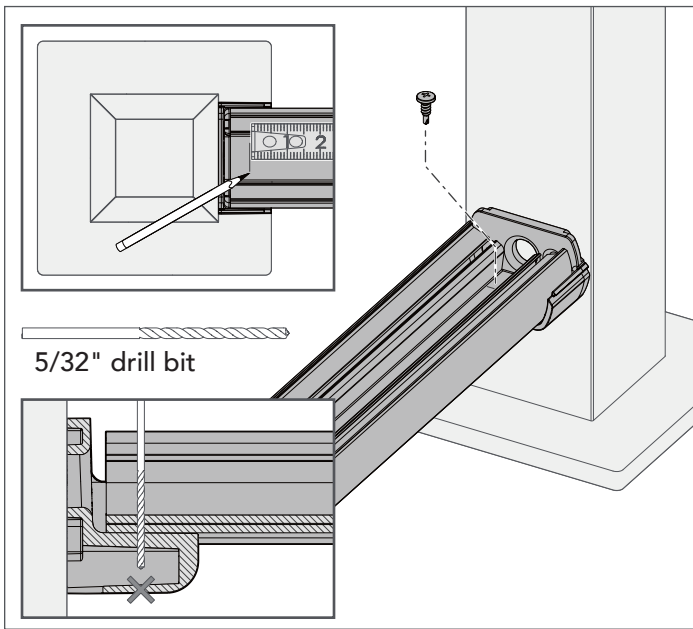
5. MEASURE FOR BRACKET CLEARANCE



1. Measure 3/8" in from the post and mark the rail on both ends to ensure bracket clearance.
2. Transfer the marks to all top and bottom rail bases and rail caps.



8. INSTALL THE BOTTOM RAIL BASE



NOTE: Refer to the included parts diagram to identify the proper rails.

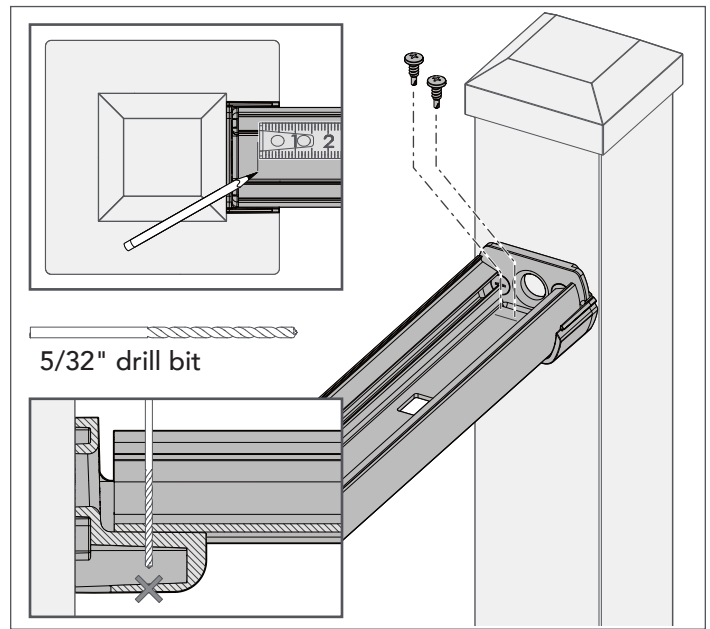
1. Lower the bottom rail base into the brackets and install the crush block into the connectors from step 7.
2. Measure 1/2" from the front of the bracket and make a mark on the rail.
3. Use a 5/32" drill bit to drill one pilot hole centered along the line in the rail base.

IMPORTANT: You will have to drill through the baluster compressor, rail base, and bracket. Do not pre-drill through the bottommost layer of the bracket.

4. Attach the rail base using one of the provided 1/2" screws.

TIP: Use a bar clamp to help attach the rail to the bracket.

9. INSTALL THE TOP RAIL BASE



NOTE: Refer to the included parts diagram to identify the proper rails.

1. Lower the top rail base into the brackets.
2. Measure 1/2" from the front of the bracket and make a mark on the rail.
3. Use a 5/32" drill bit to drill two pilot holes, 1/2" apart, centered along this line in the rail base.

IMPORTANT: Do not pre-drill through the bottommost layer of the bracket.

4. Attach the rail base using two of the provided 1/2" screws.

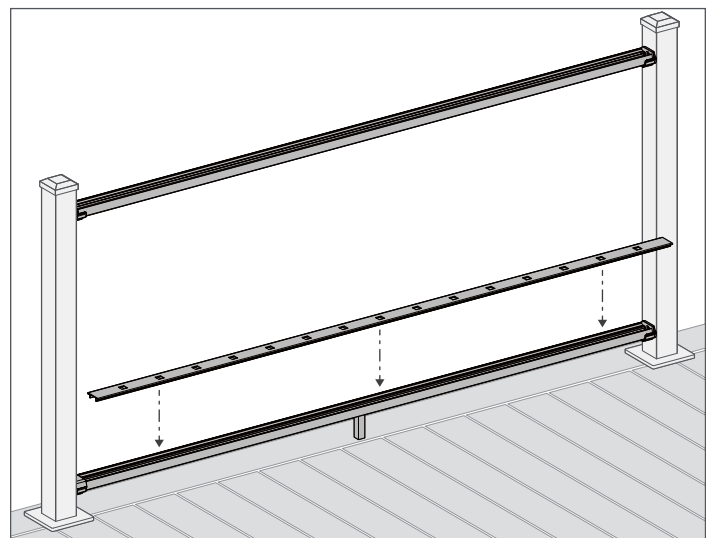
TIP: Use a bar clamp to help attach the rail to the bracket.

10. INSTALL THE BOTTOM RAIL CAP

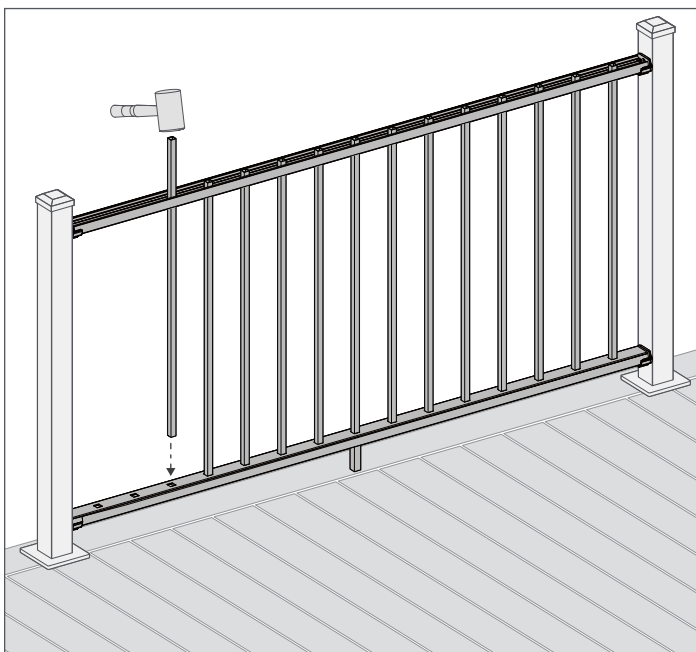
Press the bottom rail cap into the bottom rail base.

NOTE: The bottom rail cap has baluster cutouts.

TIP: Use a rubber mallet if necessary. Start at one end and work down the rail for an easier installation.

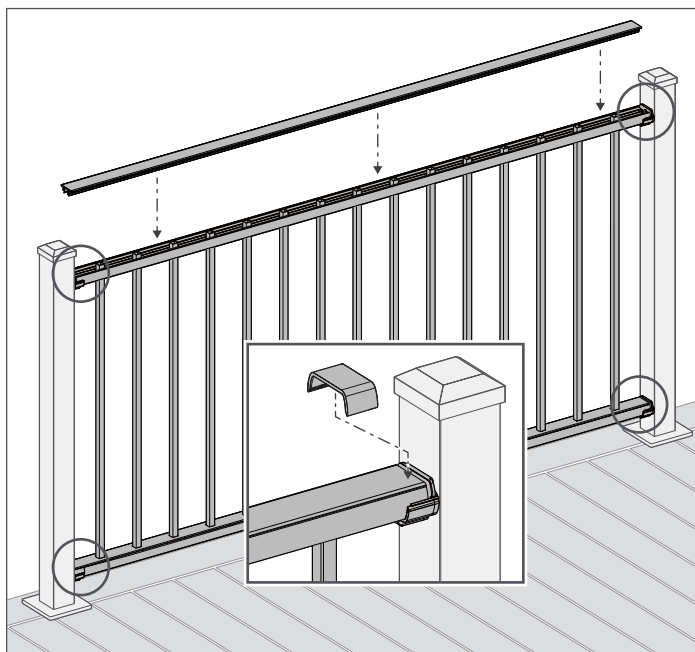


11. INSTALL THE BALUSTERS



1. Insert the balusters through the top rail base and through the corresponding square holes of the bottom rail cap.
2. Press the balusters down firmly into the baluster compressor strip in the bottom rail.
3. Use a rubber mallet to fully seat the balusters into the baluster compressor strip.

12. INSTALL THE TOP RAIL CAP AND BRACKET CAPS



1. Press the top rail cap into the top rail base, ensuring that the ends are aligned.

TIP: Use a rubber mallet if necessary. Start at one end and work down the rail for an easier installation.

2. Press the bracket caps into place on the top and bottom bracket bases.

TIP: Use a rubber mallet if necessary.

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