

Post Attachment Kit Installation Instructions



Canadian Version

Tools required:

Drill & ¼" drill bit (min. 8" long)

7/16" Socket & Ratchet (or 7/16" Wrench)

3/8" Socket & Ratchet (or 3/8" Wrench)

Measuring tape

Level

Hammer

Wood saw

Pencil

Safety glasses

Appropriate safety harness

Blocking material required:

2 x 8 Lumber

3" common spiral nails

or

3" #8 deck screws



Fasteners included:

4 - ¼" x 6" flange head bolts 

4 - ¼" washers with gaskets 

4 - 1½" x 1½" backing plates 

4 - ¼" spring washers 

4 - ¼" nuts 

⚠ WARNING No representation or warranty is given that your particular application of these products complies with relevant building codes or that the fasteners provided or used are appropriate for your application. Therefore consult with professionals and local building officials before beginning work: (i) to ensure compliance with relevant building codes for your application and for your proposed use of fasteners; (ii) to ensure the integrity of the structural components in connection with which these products are to be used; (iii) to identify appropriate safety gear that is to be used during installation such as a safety harness when working above ground; (iv) to ensure that the work area is free from utilities, services and hazards; and, (v) to clarify any instructions or warnings that may not be clear. Work in a safe manner wearing protective gear such as gloves, eyewear, headwear, footwear and clothing. When using tools always comply with operation manuals and instructions. Metal and glass may have sharp edges and could fragment or splinter during or as a result of handling or cutting. Do not use these products in connection with any substance that is or may be harmful or corrosive to the products. Inspect and maintain these products and the structural components that they are used in connection with on a regular basis using professionals when appropriate.

No member of The Peak Group of Companies shall be liable for any loss or damage resulting from the improper installation or use of this product. In the unlikely event that any member of The Peak Group of Companies becomes liable for any loss or damage, the aggregate liability shall be limited to the retail purchase price of the product.

Peak® products and the materials associated therewith are protected by patents, designs, copyright and/or trademarks. All trademarks are used under licence from Peak Innovations Inc. May be subject to patent(s) or patent(s) pending.

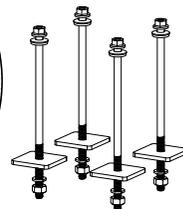
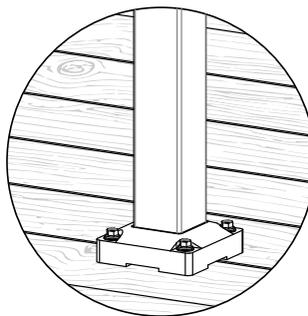
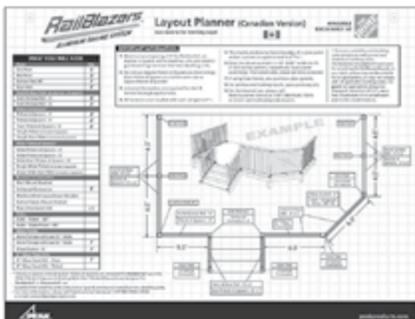
Made in China for **The Peak Group of Companies** as defined at www.peakproducts.com

P.O. Box 96060, Richmond, BC, Canada V7A 5J4 V1 © 2017 Peak Innovations Inc. PRB_PAK_i_CDN_ENG_V20



1. Determine the quantity of Post Attachment Kits you will need using the RailBlazers® Aluminum Railing System Layout Planner. (Available in-store or at www.railblazers.ca)

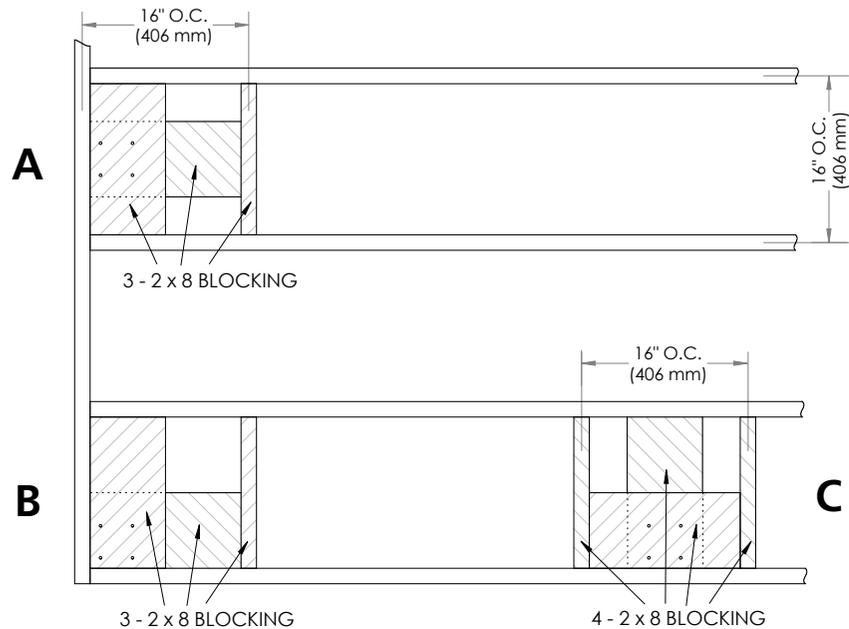
⚠ IMPORTANT Follow maximum post spacing information on Layout Planner.



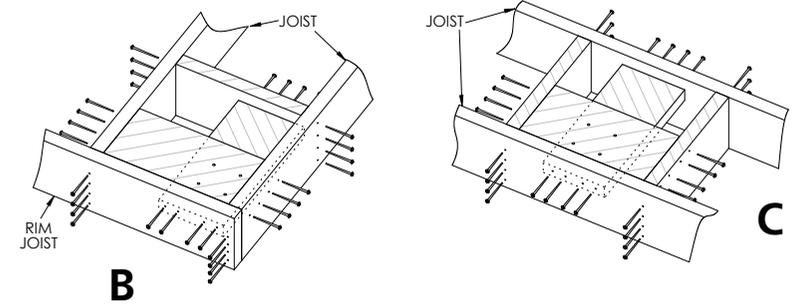
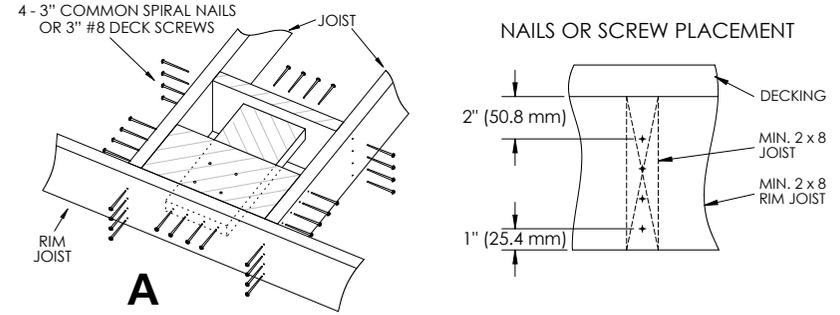
▲ IMPORTANT Independent tests were conducted on a sample of Post Attachment Kits installed on a wood deck test frame composed of Spruce-Pine-Fir (SPF). The sample of Post Attachment Kits were installed using these installation instructions (including the blocking patterns A, B, and C described herein) and were tested with a representative sample of the RailBlazers® post attached. The installed Post Attachment Kits and post sustained the basic and factored load requirements (applied at the top of the guard) derived from section 4.1.5.14 and section 9.8.8.2 (in conjunction with Table 9.8.8.2) of the 2010 National Building Code of Canada and corresponding sections of the 2012 Ontario Building Code, the 2012 British Columbia Building Code and the 2006 Alberta Building Code. No assurance is given that the enclosed Post Attachment Kit, when installed with a RailBlazers® post, will be able to sustain these basic and factored load requirements if the manner of installation deviates in any way from the manner of installation described in these installation instructions or if the wood deck, to which the Post Attachment Kit is installed, is composed of an inferior species of wood or the wood is in poor or deteriorated condition, or if the Post Attachment Kit is installed with a post that is not a RailBlazers® post. Professional advice should be obtained to ensure that the enclosed Post Attachment Kit and the RailBlazers® post are installed in accordance with these installation instructions in every respect and that the wood deck, to which the Post Attachment Kit and post are attached, is of suitable composition, condition and quality at the time of the installation, is constructed using Spruce-Pine-Fir (SPF) and is properly and adequately maintained at all times after the installation.

2. Add blocking to the deck structure where the posts are to be installed, according to blocking patterns A, B or C below:

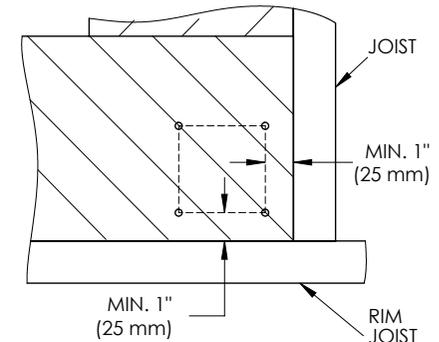
Min. 2 x 8 Deck Structure



How to attach blocking

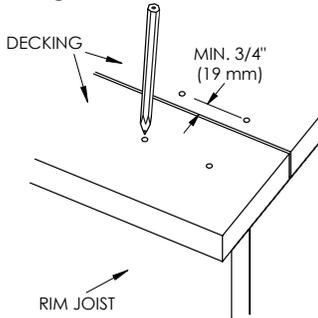


Bolts must be installed at least 1" (25 mm) from all joists.



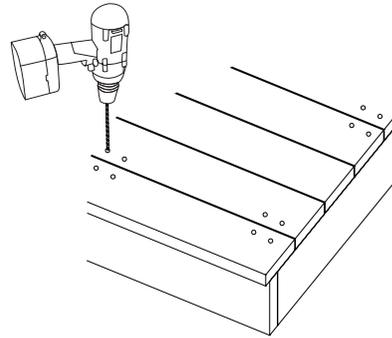
3. Install wood decking according to local building code requirements. Mark the position of the bolt holes on the decking.

▲IMPORTANT Bolts must be at least $\frac{3}{4}$ " (19 mm) from the edge of a deck board.

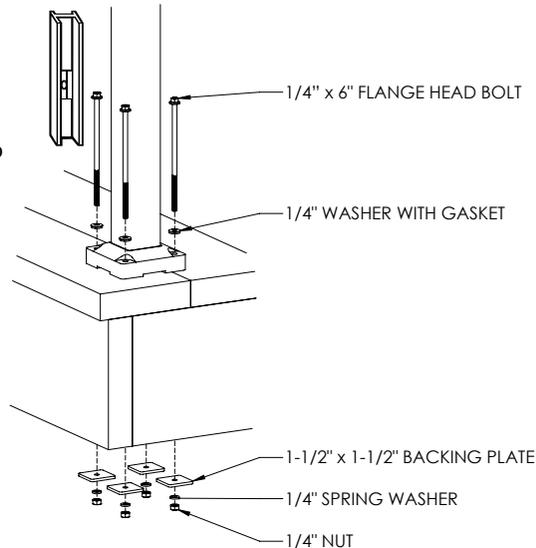


4. Drill $\frac{1}{4}$ " holes at the marked positions.

▲IMPORTANT Holes must be drilled straight to allow proper installation of Post Attachment Kit.



5. Starting at one end of the railing, install the first post using the Post Attachment Kit. Ensure post is plumb (shim as necessary).



6. Follow the RailBlazers® Aluminum Railing System Installation Guide (available in-store or at www.railblazers.ca) for the remainder of the installation.