

Wood Post Mount Installation Instructions

IMPORTANT: Maximum rail height of 36 inches. Preparing the structure properly is critical to a safe installation. Various methods of preparing the deck structure are appropriate. A minimum of 4 inches of blocking is required. Please check with your local code official to ensure that the structure is code compliant prior to securing post mounts.

Step 1: Layout the locations for the post mounts.

Step 2: Using the post mount as a template, mark the drill locations for each of the four corner holes.

Step 3: Using a 3/8" diameter drill bit, drill four hole locations through the marked holes. Make sure the drill bit is long enough to drill through the deck board and reinforcement boards.

Step 4: Place the post mount into position over the drilled holes and insert a 5/16-18 x 6" bolt with one 5/16 small washer into each of the four holes. The small washer should set between the top of post mount base and the head of the bolt. The bolts should go through both the post mount and the drilled deck holes.

Step 5: Take the two large fender washers, double stacked (1 1/2" OD) and one 5/16 hex nut and attach them to each of the four bolts under the deck. **IMPORTANT:** Do not fully tighten yet; only hand-tighten the nuts snugly to allow leveling of post.

Step 6: Use a bubble level to check for plumb and level of the post. If adjustment is required, loosen the nuts to allow for insertion of the plastic wedges between the bottom of the post and the top of the deck. Place the plastic wedge under the post on any side where the post is leaning.

NOTE: Wedges are tapered so that inserting further under the post, more adjustment will be required to plumb and level the post.

Step 7: Once the wedge(s) are in place, tighten down the four hex bolts and recheck the post for plumb. If further adjustment is required, loosen the nuts, and move the wedge inward or outward until plumb and level is achieved. Re-tighten nuts securely.

Step 8: Once post mount is secured, slide one post mount plastic rail stabilizer onto the metal post mount with the slotted opening positioned in any direction.

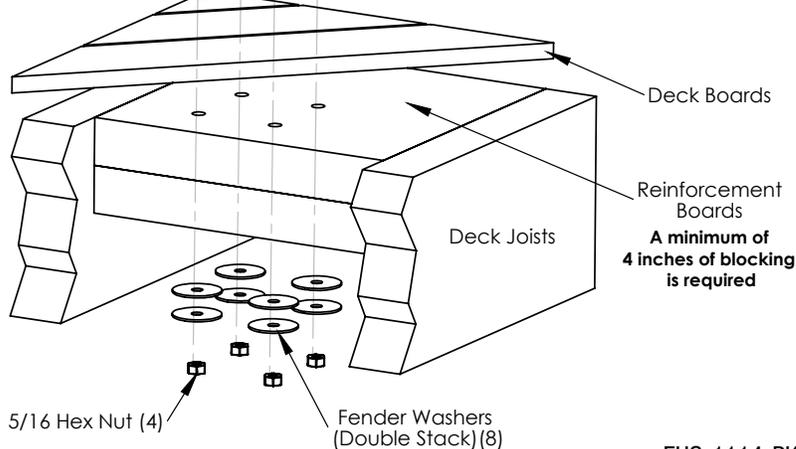
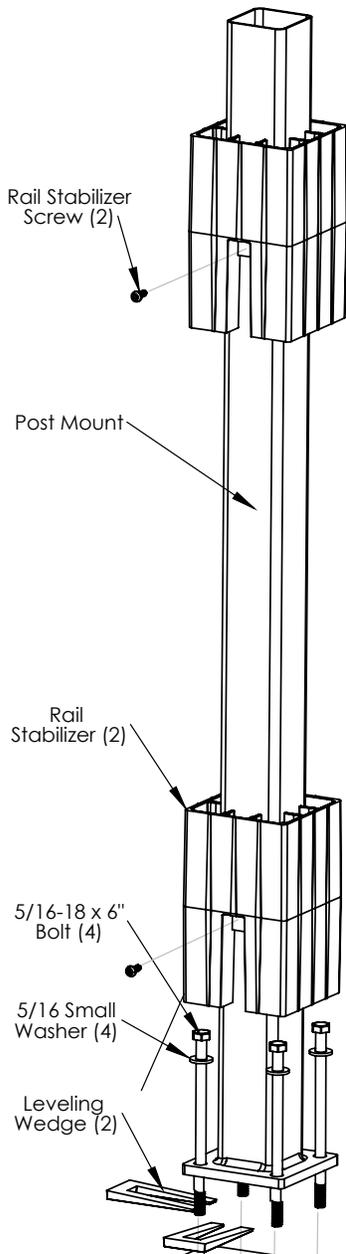
Step 9: Determine the height of the bottom rail as the bottom rail brackets will need to be positioned so that all of the bottom bracket mounting screw holes will screw into this plastic rail stabilizer. Then attach the rail stabilizer to the metal post mount, using the #10 x 1" Phillips pan head screw. Screw the self-tapping screw through the recessed slotted area of the rail stabilizer and into the post mount.

Step 10: Before installing the top rail, determine the height of the top rail as the top rail brackets will need to be positioned at a height so that all of the bracket mounting screw holes will screw into the rail stabilizer.

Step 11: Once that height is determined, slide the plastic rail stabilizer onto the post at the determined height, by using the #10 x 1" Phillips pan head self-tapping screw. Insert the screw through the recessed slotted area of the rail stabilizer and into the post mount.

Step 12: Your post mount assembly is now complete, and you are ready to slide a post sleeve and base moulding over the post mount assembly.

NOTE: The structure illustrated may not meet the building code in your area. Please make sure to prepare the deck structure to meet the local code.



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Concrete Mount Installation Instructions

IMPORTANT: Maximum rail height of 36 inches. Preparing the structure properly is critical to a safe installation. A minimum of 4 inches of concrete is required. Please check with your local code official to ensure that the structure is code compliant prior to securing post mounts.

Step 1: Layout the locations for the post mounts.

Step 2: Using the post mount as a template, mark the drill locations for each of the four corner holes.

Step 3: Using a ¼" masonry drill bit, drill the four holes to a minimum depth of 3 ½".

IMPORTANT: Thoroughly clean the holes from all dust and debris.

Step 4: Place the post mount into position over the drilled holes and insert the four ¼ x 3" concrete bolts (blue-tipped) with four small washers installed into each hole with a socket wrench. Only insert concrete bolts to leave an approximate 3/8" gap to enable any necessary adjustment to level the post.

Step 5: Use a magnetic bubble level to check for levelness of post. If adjustment is required insert one of the plastic wedges between the post and the top of the concrete surface on each side where the post is leaning.

NOTE: Wedges are tapered so that inserting further under the post more adjustment will level the post.

Step 6: Once the plastic wedge(s) are in place, tighten down the four concrete bolts until the head of the concrete bolt is firmly seated with the post base. (DO NOT OVERTIGHTEN), if using a power impact wrench-the maximum torque setting is 115 ft.-lbs.

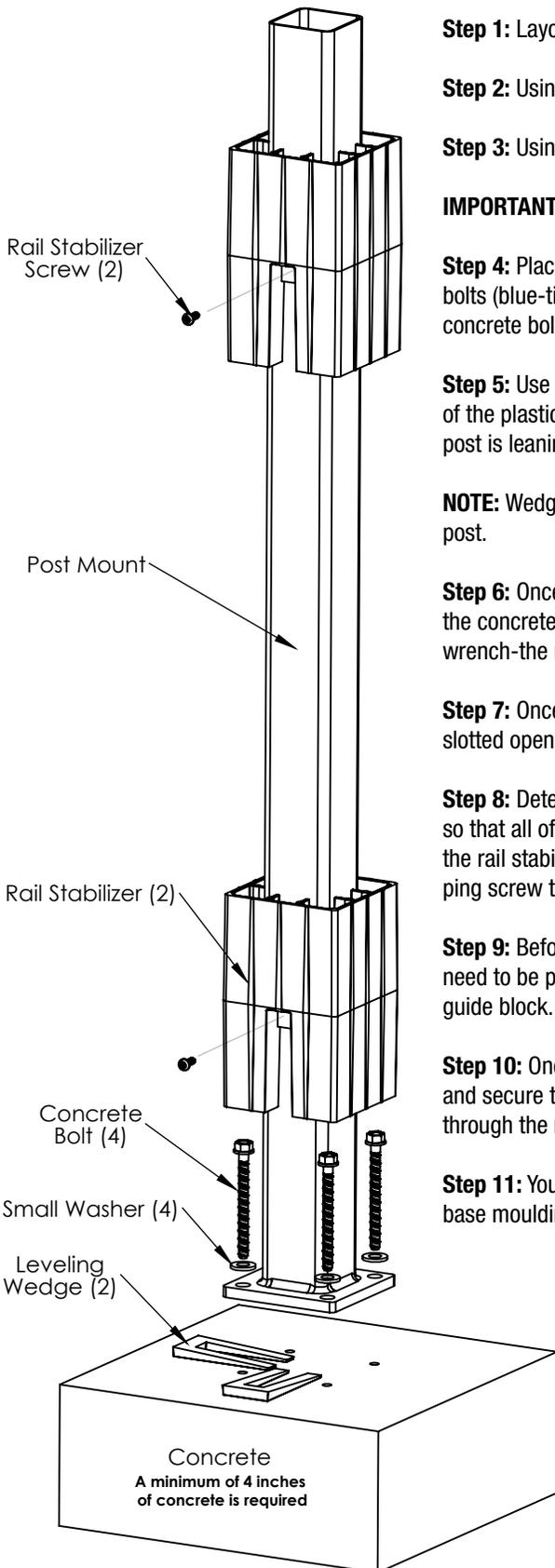
Step 7: Once the post mount is secured, slide one plastic rail stabilizer onto the metal post mount. The slotted opening can be positioned in any direction.

Step 8: Determine the height of the bottom rail as the bottom rail brackets will need to be positioned so that all of the bottom bracket mounting screw holes will screw into the rail stabilizer. Then attach the rail stabilizer to the metal post mount using one #10 X 1" Phillips pan head screw. Screw self-tapping screw through the recessed slotted area of the rail stabilizer and into the metal post mount.

Step 9: Before installing the top rail, determine the height of the top rail as the top rail brackets will need to be positioned at a height so that all of the bracket mounting screw holes will screw into the guide block.

Step 10: Once the height is determined, slide the rail stabilizer onto the post at the determined height and secure to the post by using one #10 X 1" Phillips pan head self-tapping screw. Insert the screw through the recessed slotted area of the rail stabilizer and into the metal post mount.

Step 11: Your post mount assembly is now complete and you are ready to slide a post sleeve and post base moulding over the post mount assembly.



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