

Standard Anchor Kit

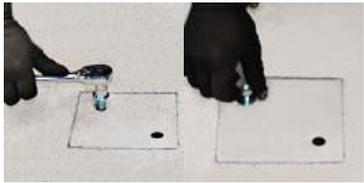
The metal anchors sit on the surface and are attached using either 2 anchor bolts (for concrete) or 2 lag bolts (if you attaching to a wood deck). The posts sit on the anchors and are attached to the anchors with lag bolts provided (2 per posts). A wood trim box is included to hide the metal from view. See anchor kit installation images below.

For paver patios and flagstone patios we don't recommend attaching directly to these surfaces because you may have issues of cracking or movement long term. Instead we recommend installing footings (concrete foundations for the posts) to make sure you have zero issues long term.

If you are placing the Pergola on a paver patio, flagstone, or undeveloped ground, we recommend digging holes 30" deep (in snow areas adjust depth to go below the frost line by 6") and placing 8" diameter cardboard Sono tubing in the hole up to ground level. Then add some metal and rebar and pour concrete flush to ground level (or level with the walking surface area of your paver or flagstone patio). Allow up to 7 days for the concrete to cure before attaching metal anchors at the top of the concrete pour (see below).

By going with an 8 inch diameter concrete pour, when you finish attaching the posts to the anchors and adding the trim, the posts at the base with the trim box included wind up being 8 1/2" x 8 1/2" and they hide the concrete from view from above. The posts with the trim boxes will look like they are just sitting on the ground or the flagstone or pavers. You can buy anchors at your local hardware store, but we do not recommend it because if you set the anchors in the concrete pour and they are not exactly on center to the fraction of an inch, your installation will not go smoothly. By using our anchor kit, if your concrete pour is off by a half inch or so, you can always place the anchor a bit off the center of the concrete pour at installation to compensate.

If you do not want the posts in the weather and do not mind being able to see the concrete from below, pour the concrete half an inch above ground level.

	
STEP 1: Place the anchor (3/16" Steel Plaque, ASTM A36) where it will be installed; mark the ground as shown and drill 2 holes as shown 1/4" wide hole 4" deep.	STEP 2: Ratch down the anchor bolts (1/2" x 4"). Then take off the nut before you place the metal anchor (note: for wood deck use lag bolt)
	
STEP 3: Attach metal anchor to concrete with anchor bolt (1/2" x 4" Stainless Steel 307A Anchor Bolt) and place the post.	STEP 4: Attach post to anchors with 5/16 x 3 Stainless Steel 307A Lag Bolt. 2 per side and add wood trim to hide metal when finished

The photos above show the 4 simple steps to follow once your surface below the Pergola is in place. Choose the anchor kit for the appropriate surface:

- **Stone, Brick or Concrete - Anchor Bolts** (1/2" x 4" Stainless Steel 307A) for attaching to stone, brick, or concrete.
- **Wood (e.g., Wood Deck) - Lag Bolts** (3/8" x 4" Stainless Steel 307A) for attaching to a wood deck

Notes:

1. Mature Redwood
2. 4-Post Anchor Kit for CONCRETE
3. Electrical Wiring Trim Kit for Posts 3 & 4
4. 3 Curtain Rods
5. One solid wall on 15' side
6. Add a swing hangar set

