INSTALLATION | STRUCTURAL WOOD POST ANCHOR KIT *4x4 / 6x6*

DESIGNED FOR CONCRETE SURFACES

⚠ Do not use on surfaces 30" or higher (U.S.A.) or 600mm / 23.62" (CAN) or higher **UNLESS** you build according to our Engineering Reports (See QR link below) **AND** obtain approval by your local authority.

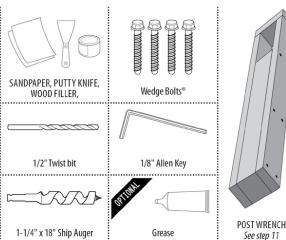⚠ Use only Stainless Steel Screws with Aluminum Decking. Sold Separately.

⚠ Installing on a wood frame surface requires a **WOOD INSTALL KIT** and is outside the scope of the engineering report.

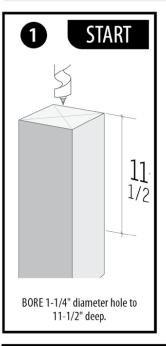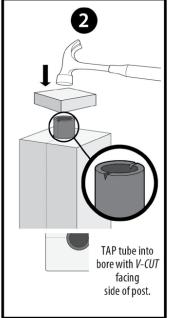### STRUCTURAL WOOD POST ANCHOR KIT

4X4 ONLY

(1) Base, (2) Set Screw Plates, (1) Tube ,
(1) Bracket (4x4, soft wood only), (4) Set Screws,
(1) Threaded Stud, *Concrete fasteners sold separately,*
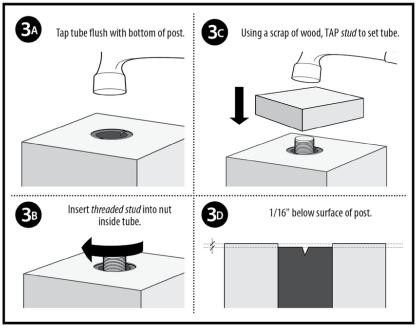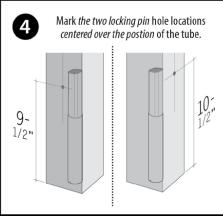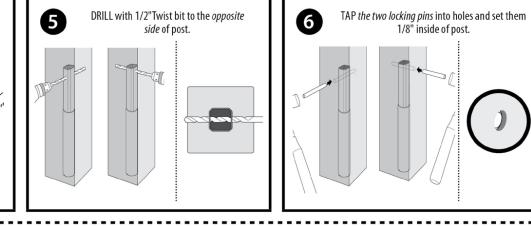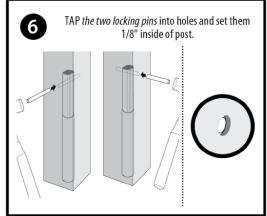(2) Locking pins

TOOLS NEEDED

HAMMER

SANDPAPER, PUTTY KNIFE, WOOD FILLER,

Wedge Bolts®

1/2" Twist bit

1/8" Allen Key

SOCKET

DRILL

1-1/4" x 18" Ship Auger

OPTIONAL
Grease

POST WRENCH
See step 11

CHECK IT OUT!

BAD BOY POST WRENCH

Sold separately

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① START

BORE 1-1/4" diameter hole to 11-1/2" deep.

11 1/2

②

TAP tube into bore with *V-CUT* facing side of post.

③A
Tap tube flush with bottom of post.

③C
Using a scrap of wood, TAP *stud* to set tube.

③B
Insert *threaded stud* into nut inside tube.

③D
1/16" below surface of post.

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④
Mark *the two locking pin* hole locations *centered over the postion* of the tube.

9 1/2"   10 1/2"

⑤
DRILL with 1/2"Twist bit to the *opposite side* of post.

⑥
TAP *the two locking pins* into holes and set them 1/8" inside of post.

ATTENTION

► Do not use this product for residential code guard rails **UNLESS** you have a local engineer or inspector approve your application in your area. It has not been tested for use with rail systems.

► Intertek engineering reports are for guidance only and complying with them does not necessarily mean your structure will be code compliant. Any variation from the assemblies tested in our engineering reports is outside of the scope of the report.

► This product is not for industrial, commercial or apartment building applications. It is for private residential use only.

STRUCTURAL WOOD POST ANCHOR KIT / TSPA35 / TSPA55

PATENT Nº   US 9,976,298

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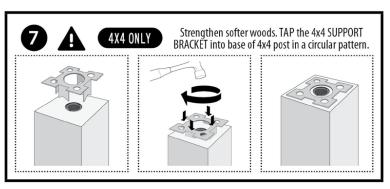
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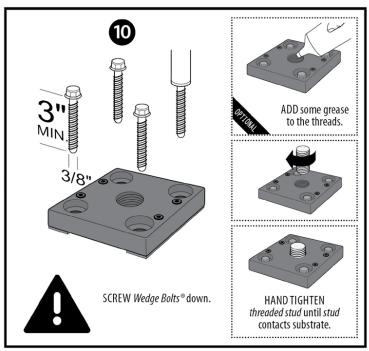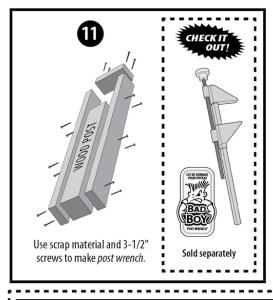⚠ Use only Stainless Steel Screws with Aluminum Decking. Sold Separately.

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7 ⚠ **4X4 ONLY** — Strengthen softer woods. TAP the 4x4 SUPPORT BRACKET into base of 4x4 post in a circular pattern.

8

DRILL pilot holes with *masonry bit.*

9

Adjust set screws with Allen key to level the base

10

3" MIN.

3/8"

⚠ SCREW *Wedge Bolts®* down.

OPTIONAL ADD some grease to the threads.

HAND TIGHTEN *threaded stud* until *stud* contacts substrate.

11

WOOD POST

Use scrap material and 3-1/2" screws to make *post wrench.*

CHECK IT OUT!

CLÉ DE SERRAGE POUR POTEAU
BAD BOY POST WRENCH

Sold separately

12

⚠ Hand turn post on *threaded stud* until firmly against base. Then use post wrench to turn another 180 degrees to remove any slack.

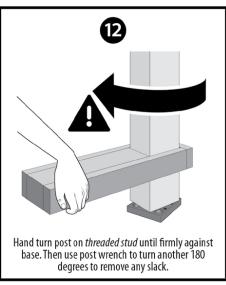## FINISH

APPLY *wood filler* and *sand.*

ATTENTION

► This product is not for industrial, commercial or apartment building applications. It is for private residential use only. If you wish to use this product for any residential code application including a railing, engage local professionals before beginning work: (i) to ensure that this product is appropriate for your intended use and that the structural components which this product is to be used in conjunction with are sound and that the work area is safe and free from all potential hazards including utilities and other services, (ii) to provide clarification if these warnings are unclear or you do not understand any of the information in the installation instructions for this product. Always comply with applicable building codes. Be aware that building codes may vary.

► When using tools always comply with the applicable user manuals and instructions. Everyone in the vicinity of any work area must wear appropriate protective gear including gloves, footwear, eyewear, hardhat and appropriate clothing. Inspect and maintain these products and the structural components that they are used in connection with on a regular basis using professionals when appropriate. Always work in a safe manner.

► In no event shall Titan Building Products be liable for any loss or damage, direct or otherwise, which results from the improper use of this product. If for any reason Titan Building Products becomes liable for loss or damage, direct or otherwise the aggregate liability of Titan Building Products shall be limited to the retail purchase price of the products.

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