



# PRESTIGE FENCE INSTALLATION INSTRUCTIONS



## 1 IN GROUND INSTALLATION

### BEFORE YOU BEGIN

ALWAYS PROTECT PRODUCT, LAY COMPONENTS ON A NON-ABRASIVE SURFACE SUCH AS A DROP CLOTH, TO AVOID SCRATCHING.



### TOOLS YOU WILL NEED

#### REQUIRED:

- Power Drill
- Chop (mitre) Saw
- Carbide Tipped blade
- Spiral Saw
- Measuring Tape
- Level
- Carpenter's Square
- Carpenter's Pencil
- 5/32" drill bit
- Drop Cloth
- Safety Glasses
- Screwdrivers (Phillips and Slotted)
- String
- Rubber Mallet
- Screw Extension Bit
- 7/16" Wrench

#### OPTIONAL:

- Power Router
- Post Router Template Kit
- File
- Jigsaw/Hacksaw
- 1/4" Drill Bit
- 1/2" Drill Bit

### IMPORTANT:

ALWAYS WEAR SAFETY GLASSES WHEN CUTTING OR DRILLING FENCE COMPONENTS.

#### STEP 1. LAY OUT FENCE LINE.

Check for underground utilities and identify gate locations.



**Tip: Gate spacing: For standard width gates - allow an additional 1-1/2" between posts for hardware, 2-1/4" for double drive gates.**

Locate post holes (standard residential sections are 72" on center).

#### STEP 2. DIG HOLES.

Dig 8" round holes 30" deep or to frost line.



#### STEP 3. INSTALL FIRST POST.

Set post in hole at rough height.



Fill hole with concrete mix (sand, gravel & cement) tamp concrete in hole to release air pockets.

Square and plumb post.

#### STEP 4. ASSEMBLE SECTION.

(Skip to step 5 if using pre-assembled sections).



Lay rails in position on jig with wider midrail holes facing toward bottom of fence.

Insert pickets thru rail holes.



Slide rail lock rods thru hole in end of rail and picket holes.

#### STEP 5. INSTALL FIRST SECTION.

Insert the section into the first post; push section into post until rails reach the designed stop.



Adjust post height in hole as necessary.

When lowering post in hole, be sure to place a wood block on top of post before striking.

#### STEP 6. INSTALL SECOND POST.

Insert 2nd post in hole.

Insert rail ends into post, push post until it reaches the designed stop on the rail.

Fill hole with concrete mix.

Square, plumb and level section and post.



#### STEP 7. SECURE SECTION.

Secure top rail in post with #8x2" screws.

Drive screws through the rail inside post to lock in place.



#### STEP 8. INSTALL PICKET AND POST CAPS.

Install picket and post caps as necessary.



CONTINUE THE INSTALLATION USING THE ABOVE METHOD.

# 2 GATE INSTALLATION

FOR STANDARD WIDTH GATES ALLOW AN ADDITIONAL 3/4" FOR HINGE AND 3/4" FOR LATCH WHEN SETTING POSTS.

## STEP 1. INSTALL GATE POST STIFFENER.

Insert aluminum gate post stiffeners in hinge and latch posts. Do not block rail holes in post.

Secure stiffener to bottom of post with a screw to prevent movement during post set up.



## STEP 2. INSTALL GATE POSTS.

Insert hinge & latch posts in respective holes.

**Tip - Remember to leave 1-1/2" additional spacing between posts beyond the actual gate width for hardware**



Fill holes with concrete mix. Square and plumb post.

## STEP 3. INSTALL GATE.

Position gate between posts, level with blocking.

Secure hinges to gate with screws provided.

Drill 5/32" pilot holes through post and aluminum stiffener and secure hinges with screws provided.



## STEP 4. INSTALL LATCH.

Determine position of catch on gate post, drill 5/32" pilot holes and attach with screws provided.



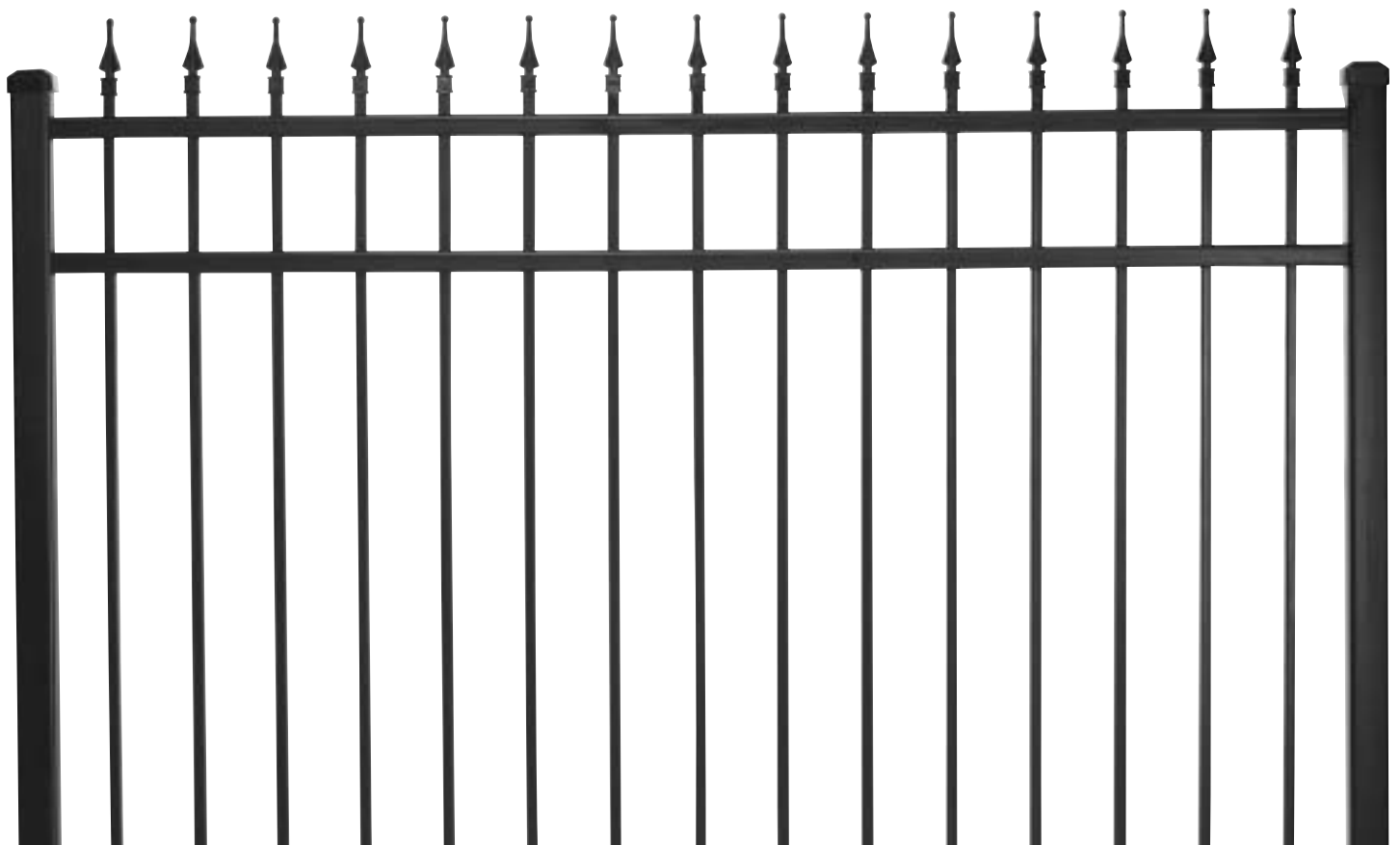
Position, striker bar on gate, check for clearance, fasten to gate with screws provided.

## STEP 5. ADJUST HINGE TENSION.

Remove top cap.

Insert a flat screwdriver, depress and twist lug to next detent.

Repeat on each hinge until desired tension is set. Replace cap.



# 3 ALTERNATIVE INSTALLATIONS

## INSTALL POST ON CONCRETE SURFACE.

Core-drill a 4" diameter hole in concrete at least 4" deep.

Determine post length and cut to desired height.

Drill 1/2" hole, 2" from the bottom through both sides of post.

Mix hydraulic cement (Quick setting) per manufacturers recommendations and fill to approx 1" from top of hole.

Insert post into mix and then fill remainder of hole

Plumb and square post.

Allow post to set up before installing sections as above



## WALL MOUNT SECTIONS TO A VERTICAL WALL (REQUIRES WALL MOUNT BRACKETS).

Determine location of section at wall surface (level and plumb).

**Tip: Ends of each rail will need to be trimmed for even picket spacing.**

Mark location of each rail on starting wall.

Remove section.

Position wall mount bracket at each location.

Attach wall mount brackets to wall with appropriate fastener for the surface (not supplied).

Drill 1/4" hole through side of rails, insert bolts and finger tighten into brackets.

Level section, support, and mark location of rails on opposite end.

Repeat the above steps for the opposite end.

Tighten all bolts with a 7/16" wrench.



## RACKING A FENCE SECTION.

NOTES:

- 1) Standard section assembly will allow for a 10 degree rack (2"/foot)
- 2) Special routed rails available to allow for a 20 degree rack (4"/foot)
- 3) For rack greater than 20 degrees, rail and picket holes will need to be enlarged to create desired angle.

Position rail at desired angle on post to determine the new hole height required.

Enlarge hole utilizing router template (see back page).

Position rail across post to determine hole location on opposite side of post and route hole as needed.

Repeat for remaining holes.

Install fence section.

## STEPPING A FENCE SECTION.

Wall mount bracket system can be used with bolts supplied and blank posts. Position brackets and rails at desired step height and attach.

Or

Route rail holes on the opposite side of an End Post at desired step height utilizing the router template (see back page) and insert rails.

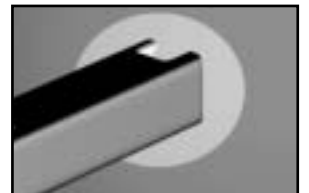
Note: If rail of stepped section is too far below top of post to be reached from above, screw may be inserted from side of post through rail.

## SHORT LENGTH SECTIONS.

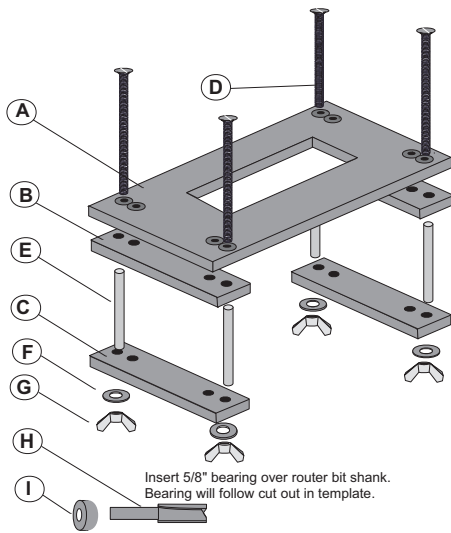
Sections shorter than the standard 6' width may be created by cutting down rails to desired length with a chop saw.

Designed stop cutout on bottom of rail may be added

using a spiral saw as necessary.



# 4 ROUTING TEMPLATE KIT



#### POST ROUTING TEMPLATE KIT COMPONENTS

- A ROUTING TEMPLATE  
14 pieces per kit
- \* B 1 1/8" TEMPLATE SPACER PLATE  
2 pieces per kit
- \* C 1 1/2" TEMPLATE CLAMPING PLATE  
2 pieces per kit
- \* D 1/4" - 20 X 6" BOLTS 4 pieces per kit
- \* E 3/8" OD PLEXI TUBE 4 pieces per kit
- \* F 1/4" FLAT WASHER 4 pieces per kit
- \* G 1/4"- 20 WING NUT 4 pieces per kit
- H 3/8" ROUTER BIT WITH 1/4" SHANK
- I 5/8" BEARING WITH 1/4" ID OPENING

\* included in Hardware Package

### Wear safety glasses when operating any power tools.

Mark location of hole on post.

Slide template assembly over post to hole position.

Clamp template to post by tightening wing nuts.

Drill a 1/2" starter hole for the router bit through the post in the center of the exposed area to be cut to prevent damage to the template.



Prepare router with bearing or template guide, as per instructions.

Insert router blade into starter hole, turn on router and trace template, Work in a clockwise direction for maximum control.

Do not remove blade until router has completely stopped. Continue process for remaining holes required.



## ATTENTION: GET A FREE HAT!

We are looking for photos of installations or, if you have a tip, hint, or solution to a difficult installation problem, please send it to us along with your name and address and Bufftech will send you a free hat.

We value your experience and appreciate your input!

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Bufftech  
attn: "Marketing Department"  
2525 Walden Avenue  
Buffalo, NY 14225



BUFFTECH  
2525 WALDEN AVENUE, BUFFALO, NY 14225  
WWW.CERTAINTEED.COM

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