FREEDOM-WEB

FREEDOM®
OUTDOOR LIVING

Vinyl Rail Gate Kit

INSTALLATION INSTRUCTIONS

For use with Lincoln Vinyl Railing

Read all instructions prior to installing product.

Refer to manufacturers safety instructions when operating any tools.

To register your product, please visit:

freedomproduct.com

⚠ WARNING:

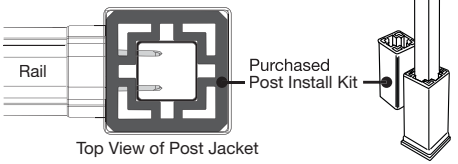
- Improper installation of this product can result in personal injury. Always wear safety goggles when cutting, drilling and assembling the product.
- Incorrect installation may cause harm to the product or individual.

NOTICE:

- DO NOT attempt to assemble the kit if parts are missing or damaged.
- DO NOT return the product to the store. For assistance or replacement parts call: 1-800-336-2383.

BEFORE YOU BEGIN:

Vinyl rail posts require an internal support system for weight-bearing purposes and therefore a post install kit or wood post is required inside a post jacket. Post install kit and wood post need to be purchased separately.



TOOLS NEEDED:

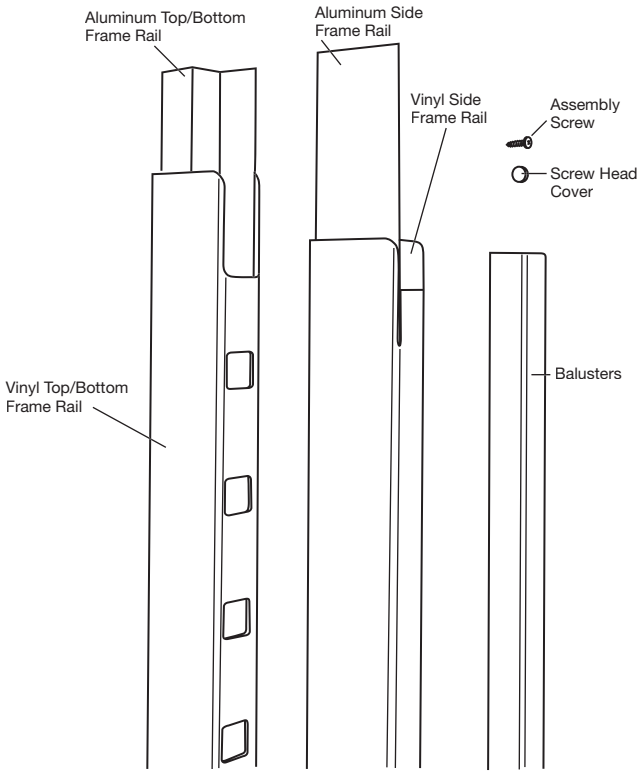
	Tape Measure
	Level
	Drill
	#2 Square Drive Bit
	5/32" & 5/32" Drill Bit
	Pencil
	Ruler/Triangle
	Safety Glasses

Railing & Stair Railing Components:

QTY	Description
2	Aluminum Top/Bottom Frame Rail
2	Vinyl Top/Bottom Frame Rail
2	Aluminum Side Frame Rail
2	Vinyl Side Frame Rail
16	Assembly Screw
16	Screw Head Cover
5	Balusters (For standard 36" width)

NOTE:
Standard width gate kits are 34.5" in width when built to fit a 36" opening with the Boerboel Gate Hardware (sold separately.)

Custom width gates are manufactured 1.5" shorter than the opening (up to 49.5") to allow for Boerboel Gate Hardware (sold separately). Custom width gates will have a different number of balusters depending on the custom width specified.



To obtain and review a copy of the warranty please go to: Freedomproduct.com/warranty. You can also contact 1.888.418.4400 or write to Freedom Outdoor Living, 7830 Freeway Circle, Middleburg Heights, Ohio 44130 to obtain a copy of the warranty.

GATE KIT INSTALLATION:

1

Place the top and bottom vinyl frame rails parallel to each other with the flat legs of the aluminum stiffeners facing up, and the baluster holes facing each other (Fig. 1).

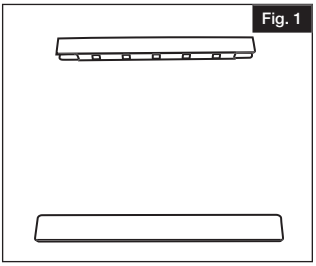


Fig. 1

Place the left- and right-side vinyl frame rails parallel to each other with the flat legs of the aluminum stiffeners facing up. Align with the routs to accept the flat legs of the aluminum stiffeners in the top and bottom frame rails (Fig. 2).

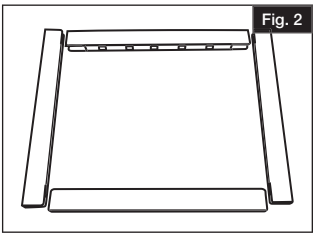


Fig. 2

2

Insert the left-side frame rail into the bottom frame rail (Fig. 3).

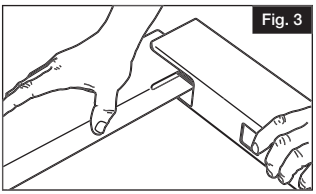


Fig. 3

Insert the right-side frame rail into the bottom frame rail (Fig. 4).

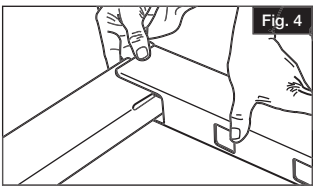


Fig. 4

3

Insert a baluster into each hole in the bottom frame rail (Fig. 5).

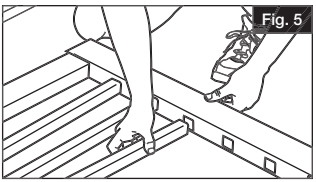


Fig. 5

Insert the right-side frame rail into the top frame rail (Fig. 6).

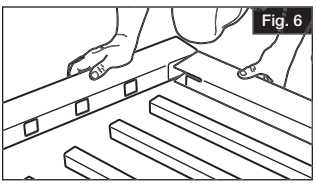


Fig. 6

Working toward the left-side frame rail, insert each baluster into the corresponding hole in the top frame rail (Fig. 7).

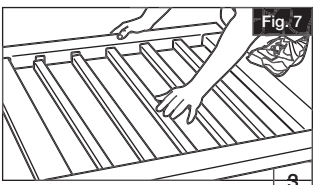


Fig. 7

4

Insert the left-side frame rail into the top frame rail (Fig. 8).

Use a framing square to ensure the gate is properly aligned. Now the gate is ready for permanent assembly (Fig. 9).

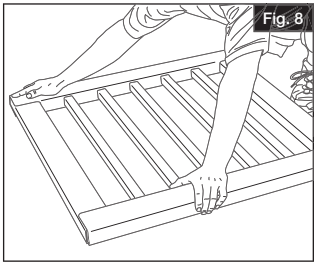


Fig. 8

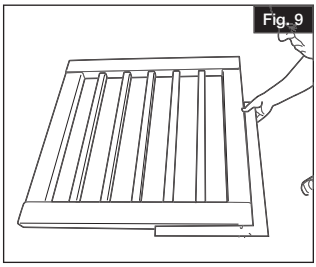


Fig. 9

5

Side without hardware:

Use the drilling template in this instruction sheet to mark the location of the assembly screws (Fig. 10).

Using a 5⁄32" bit, pre-drill at all four locations on the top and bottom corners of the side that will not receive hinges (Fig. 11), and secure with the included assembly screws (Fig. 12). Do this for all four corners on this side of the gate.

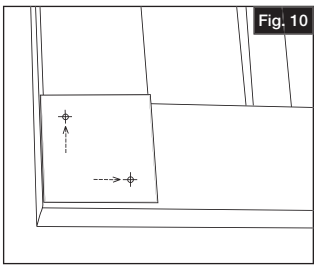


Fig. 10

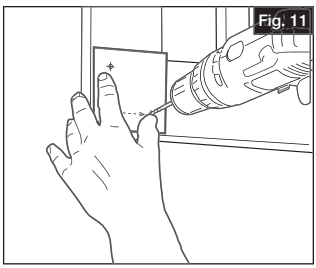


Fig. 11

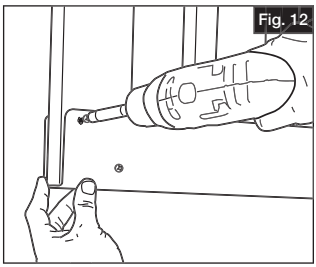


Fig. 12

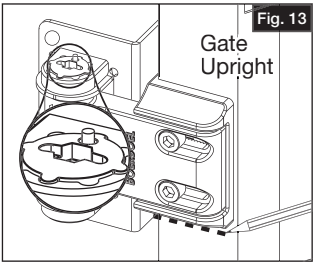
MOUNTING HINGES TO GATE:

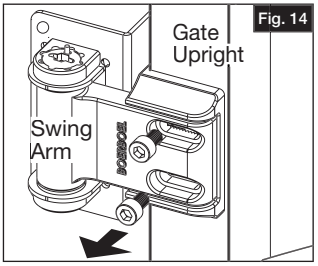
6

Side with hardware:

Turn your gate over to the opposite side.

Center hinges on the upright to align with top and bottom rails of gate. Mark lines on gate upright at top and bottom of both gate plates (Fig. 13).





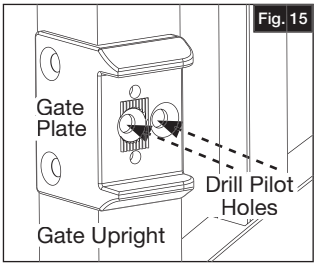
7

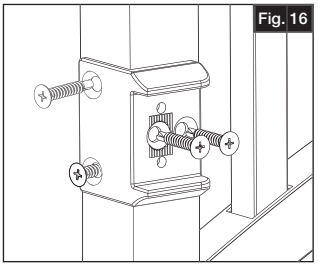
Using the Allen wrench included with your Boerboel Standard Wrap Hinge Pair, remove two set screws that secure the swing arm to the gate plate (Fig. 14).

Place the gate plates firmly against gate upright between the two lines you marked. Drill two pilot holes through the screw holes in the front of each gate plate with a 3⁄32" drill bit (Fig. 15).

NOTE:

Pilot holes should NOT be drilled all the way through the gate uprights.

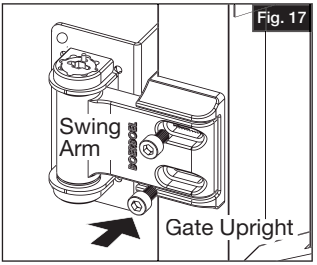




8

Secure gate plates to gate uprights using two 1¼" flat head screws. Set gate on edge and drill two 3⁄32" pilot holes through the screw holes in the side of the gate plate. Secure with two 1¼" flat head screws per plate (Fig. 16).

Place the swing arms back into the gate plates and use the Allen wrench to secure the two set screws that hold the swing arm to the gate plate (Fig. 17).



MOUNTING HINGES TO GATE:

9

NOTE:

Both gate posts must be plumb prior to gate installation.

Position gate at desired height on post. Horizontal rails on gate should be even with horizontal rails on railing sections.

Measure space between ground and bottom of gate and cut two wood blocks to this height. Rest gate on the space blocks and hold it level/plumb with gate posts (Fig. 18).

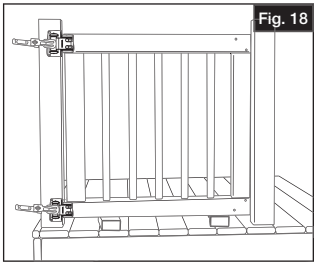


Fig. 18

NOTE:

The bottom rail of the gate will line up with the bottom rail of your railing.

10

Swing arm must rest firmly against gate post. While holding swinging arms firmly against post, mark pilot holes on post, through the two screw slot in the front of the swing arms (Fig. 19).

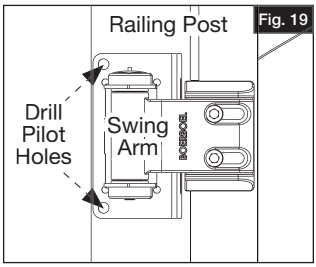


Fig. 19

Remove gate and using a 3⁄32" bit, drill pilot holes in post. Do this for both the top and bottom hinges.

Re-position gate on post and secure hinges with two 1¼" pan head screws per hinge.

11

Open gate and drill three 3⁄32" pilot holes through the three screw slots in the side of the swing arms. Holes should be near vertical centers of slots to allow vertical adjustments of hinges.

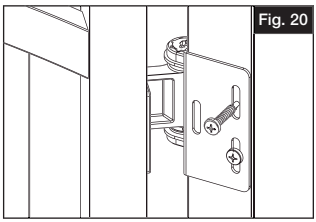


Fig. 20

Secure with three 1¼" pan head screws (Fig. 20).

Close gate and check alignment between horizontal rails on gate and horizontal rails on railing. If required, loosen hinge screws and move up or down as necessary. Re-tighten screws when alignment is completed.

ADJUSTING HINGE TENSION

12

NOTE:

Hinge tensions is pre-set at the factory and usually does not require adjustment. If you wish to change the tension setting/gate swing speed, or completely disable the self-closing feature, use the following steps.

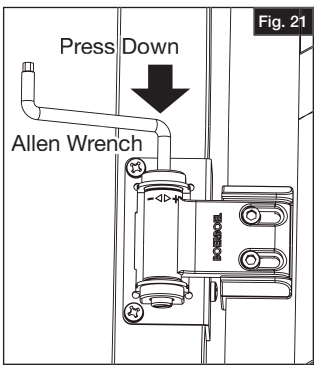


Fig. 21

Remove cover from hinge. Place Allen wrench into head of tension adjustment pin in the hinge. The head is at the end closest to the "+" or "-" symbol on the hinge barrel (Fig. 21).

DO NOT remove the Allen wrench or release tension on the tension adjustment pin at any time during the adjustment.

13 Following the indicators on the “+” or “-” symbol on the hinge barrel, press down the tension adjustment pin and turn a quarter turn towards the “+” to tighten, or toward the “-” to loosen until satisfied (Fig. 22).

The self closing feature can be disabled by using the Allen wrench to push down and turn towards the “-” symbol until gate no longer shuts on it’s own.

Do not over-loosen the tension adjustment pin, as this may damage the tension spring.

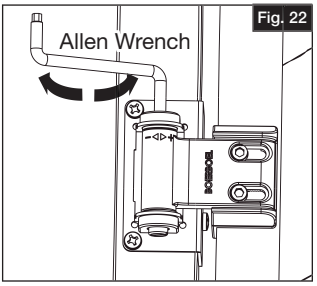


Fig. 22

14 When you have set the desired tension, simply release the downward pressure on the tension adjustment pin to lock it back into the hinge barrel (Fig. 23). Tabs on pin head will fit into notches in hinge barrel when pin is fully locked in position.

Once gate is aligned and adjusted correctly, snap on decorative hinge covers (Fig. 24).

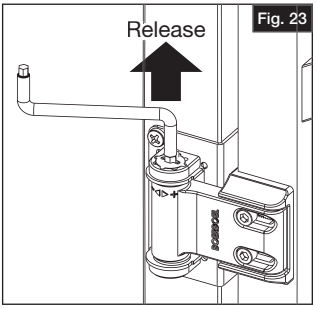


Fig. 23

15 Using template from Step 4, mark the location of screws on the side with hinges, but on the bottom corner away from the hinges (Fig. 25).

Using a 5⁄32" bit, pre-drill pilot holes with template. Secure gate corners together using assembly screws.

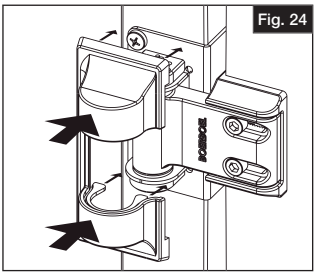


Fig. 24

16 Check the entire gate installation for accuracy before snapping the screw head covers into place (Fig. 26).

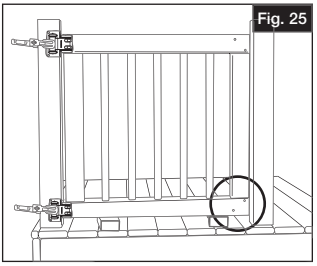


Fig. 25

17 Crossover Gate Kits are designed to work with multiple Boerboel gate latches. Install your selected gate latch per the instructions included with your latch hardware kit.

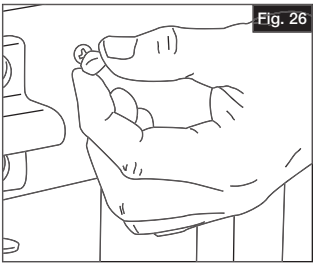
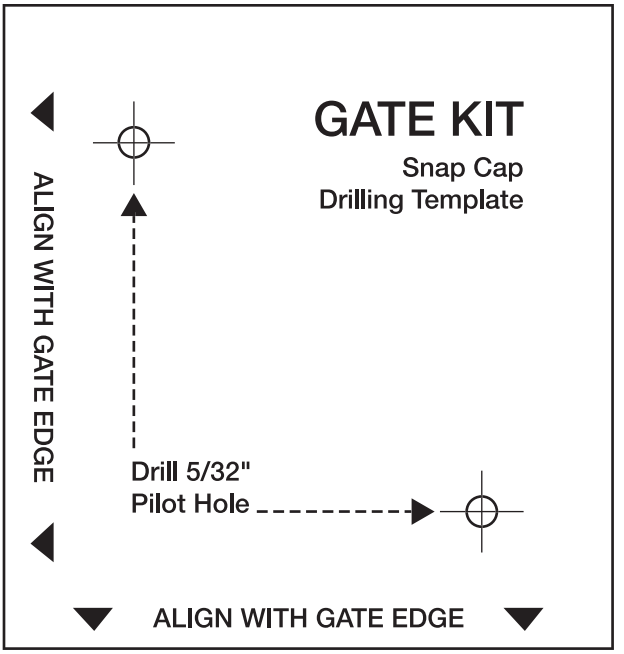
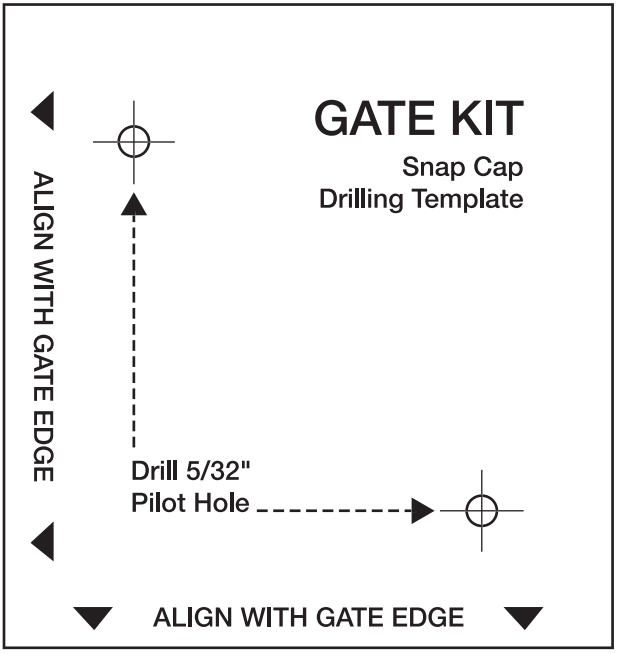


Fig. 26





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