

### Typical Fence Kit Components:

- Rails
- Galvanized Stiffener
- Pickets
- Picket Tops
- 1" Black Set Screws
- Instructions

### Post Kit Components:

- 3" x 3" Vinyl Post
- 4" x 4" Vinyl Post

### Tools Needed for Installation:

Hack saw, level, file, drill, square head bit, tape measure, & post hole digger.

### Options:

- 48", 60", or 72" Height Kits
- Black Vinyl Glue
- Pyramid Cap
- Ball Cap

### Gate Kits:

- Pre-Assembled gates; hinge & latch included
- Gate Post Stiffeners
- Heights: 48", 60", or 72"
- Width: 50" Walk – 120" Double Drive

### A. Preparation:

1. Keep Rails and Pickets in box until you are ready to install.
2. Where the fence is near a property line the property corner pins shall be exposed or the corner otherwise established. The fence shall be constructed on the property of the project owner.
3. The installer shall carefully lay the fence alignment out on the ground and exactly establish each post location.
4. The fence post spacing shall be equal to or less than the panel spacing of the supplied fence products. The spacing shall follow the slope of the ground.
5. The standard post spacing for **BLACKline** Products is 72" (or 6'0") or 96" (or 8'-0"), see shop drawings for exact post spacing. Where a shorter panel section is required the installer shall cut the horizontal rails. The installer should determine the required post spacing and should cut the rails as required.

### B. Post Installation & Bottom Rail:

1. Post holes may be drilled with an auger or may be hand dug. Post holes shall have a minimum diameter of 8-10 inches. The bottom of the post holes shall be 24" to 36" below finished grade. Check code requirement for frost depth.
2. Insert galvanized steel insert into bottom rail with the 'u' shape facing upward towards the open holes in rail.
3. The bottom rail is usually installed 2" above ground level.
4. Set first post in concrete.
5. Post shall be leveled and plumbed.
6. See shop drawing for post spacing, dig hole for the 2<sup>nd</sup> post.

7. Slide bottom rail into routed hole of the post. Be sure that the notching tabs are secured into the post.
8. Install concrete in 2<sup>nd</sup> post hole. Set post into concrete, be sure that bottom rail is installed in the routed hole and notching tabs are secured into the post.
9. Repeat this procedure for all sections.

### D. Top Rail Installation for Closed Picket Design:

1. Proceed to (E) Top Rail Installation. followed by (G) Picket Installation.

### E. Middle & Top Rail Installation:

1. Rails with routed holes on opposite sides, will have smaller hole on top and larger (to allow racking the fence on less than level ground) hole on the bottom. Slide rails into routed holes of the post. Be sure that the notching tabs are secured into the post.

### F. Picket Installation:

1. Begin inserting the pickets thru the routed holes of the top/middle rail (if closed Picket Design, enter pickets into the routed holes of the bottom rail).
2. Proceed by inserting them into the bottom rail, Be sure that the notched tabs are secured into the bottom rail.

### G. Set screws for top/middle rail.

1. Level middle and top rails. Use self tapping set screws to secure middle rail to pickets.
2. See shop drawings for exact placement of set screws.

### H. Post and Picket Caps:

1. Attach the post/picket caps to all pickets using pvc glue.

### I. Gate:

1. Set gate post opening 3" wider than gate frame.

### J. Care and Maintenance:

1. To avoid damage to the vinyl fence before installation, you should keep the fence in the box until ready for installation. Do not lean product up against a house or structure for any period of time. Keep all the products in box laying flat and not on hot concrete, metal, or asphalt.
2. If the vinyl fence gets dirty over time, a simple wash with a garden hose will do wonders in cleaning it. If this does not do a satisfactory job proceed with the following steps.
3. If dirt is hard to remove, mix a solution of 1/3 cup of powder detergent (such as Tide®, Fab®, or equivalent) with 2/3 cup of household cleaner (Soilax®, Spic & Span®, or equivalent). Mix this with 1 gallon of water and wipe down surface with this solution.