FENCE INSTALLATION INSTRUCTIONS

Thank you for purchasing your Derby Fence. Before starting your installation make sure to check local codes and permit requirements. Also contact your local utility companies to check for under-ground utilities, such as electrical, plumbing, or cable. Derby fence is made for quick and easy installation with very few tools.

Tools required are as follows:

1) 4 ft. Level  
2) Post level  
3) Mallet or hammer  
4) Tape measure  
5) Pliers  
6) Shovel  
7) Post digger  
8) Marking paint or chalk  
9) Saw  
10) Bent long nose pliers

INSTALLING YOUR DERBY FENCE

1) Start by laying out your fence line with stakes and string keeping the string as low to the ground as possible without distorting the straight line. (Avoid tall grass and weeds)

2) Mark your post locations, making sure that ALL posts are on 8 ft. centers. This is critical for proper fence assembly. Hole diameter should be 9" or 12" in diameter and depth depends on code, soil type, and finished fence height. Posts need to be PLUMB and SQUARE to one another for proper installation.

3) Dig post holes - Remove string line without moving stakes. Using auger or post hole digger dig down to proper depth while staying as plumb as possible. Repeat for every post location. Re-run line on original stakes 8" to 12" from highest point of ground.

4) Set all posts as you would a typical wooden fence, placing dirt, gravel, or concrete (preferably) around outside of the post. Make sure all posts are PLUMB to insure proper installation. Make sure proper post is in hole. (end, corner, in-line... Diag. 6)

5) Derby Fence recommends that all posts be set in concrete. Concrete should come up to 3" to 6" below ground level. Work concrete into hole by shaking post. Plumb and square posts then fill rest of hole with dirt. Let posts sit for at least 24 hrs. before installing rails.

6) Clean concrete off posts with water.

7) Run rails in a staggered pattern, using a 16' top and bottom rail, and a 8' middle rail as pictured on page 2 (Diag. 2). Leave a 1" minimum breathing space between rail ends for expansion. Do not butt rails together. Use button clips to secure rails to posts (Diag. 3).

8) Install caps (Diag. 5).
DIAG. 1

1. MIN. CLEARANCE BETWEEN RAIL ENDS

DIAG. 2

INSTALLATION CAP

DIAG. 3

RAIL END

DIAG. 5

MIDDLE POSTS

Attach rails are slid through

NOTE: INSTALL BUTTON CLIPS
IN AND SLIDE RAIL INTO POST.

FENCE RAILS PRESS BUTTONS
BUTTON CLIPS IN END OF
PIERS TO INSTALL SPING

RAILS INSTALLED IN POST

1. MIN. CLEARANCE

USE BENT NOSE NEEDLE NOSE

BENT LONG PIERS NOSE PIER

DIAG. 6

GRADE

AND STACGER 16" RAILS.

WHEN STARTING A FENCE LINE
USE 8' CENTER STARTER RAIL
TYPICAL FENCE INSTALLATION
DIMENSIONS

POSTS NEED TO BE BURIED A MINIMUM OF 30" INTO THE GROUND

HOLES IN BOTTOM OF POST TO LOCK POST INTO CONCRETE

<table>
<thead>
<tr>
<th></th>
<th>2 RAIL</th>
<th>3 RAIL</th>
<th>4 RAIL</th>
<th>CROSS</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>84'</td>
<td>84' or 90'</td>
<td>90' or 96'</td>
<td>96'</td>
</tr>
<tr>
<td>B</td>
<td>96'</td>
<td>96'</td>
<td>96'</td>
<td>96'</td>
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<tr>
<td>C</td>
<td>46'</td>
<td>43'</td>
<td>40-1/4'</td>
<td>45-1/2'</td>
</tr>
<tr>
<td>D</td>
<td>3'</td>
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<td>3'</td>
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<td>E</td>
<td>12'</td>
<td>10-1/2'</td>
<td>6-1/4'</td>
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<tr>
<td>F</td>
<td>17-1/2'</td>
<td>16-1/4'</td>
<td>11-3/4'</td>
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