

# Vinyl Horse Gate Installation

## Instructions

### INSTALLATION OF SINGLE DRIVE GATES

The first thing you need to do is attach your hardware to post; J-bolt for the hinge post and the Sure-Latch for the latch post to mount the J-bolt measure down from top post and drill a  $\frac{3}{4}$ " hole exactly center of post ( Do not try to drill hole straight through)

For 3 rail fence with 2"X6" rail with 11" spacing mark down exactly 10" and 30"

After you have drilled your  $\frac{3}{4}$ " hole you need to install the j-bolt sleeves on the inside of the post. To get to lower sleeve in place you will need to use a pliers or vise-grip, clamp the pliers on the sleeve and slide it down the inside of the post and start the j-bolt through. Leave the front face of the j-bolt about 3" from the post. Do the same on top. Snug the nuts.

On latch post mark down 9" from top of post, place the latch on post with the top of the latch on the 9" mark, center it and mark your 4 holes on post. Drill the hole you just mark using a  $\frac{3}{8}$ " bit. Hold your latch in place run bolt thru, place the flat washer on, then the lock washer, then the nut, follow the same procedure for other 3 bolts. Tighten bolts. To install hook mark down 9" from top of post center it and drill  $\frac{3}{8}$ " hole. Install hook with  $\frac{5}{16}$ " X1" bolt flat washer and lock washer and nut and thghten.

Now you are ready to set your posts, if you need a opening of 12' you need to set your post 12'-7" inside post to inside post. The same applies for 4 ft or 6 ft and etc. We recommend setting your hinge and latch posts in a min.12" diameter x 36" deep concrete footing.

After your gate posts are set in concrete you need to install your rail, cut them to the proper length ,notch the rail and plug the ends with newspaper or duct-tape them shut, and snap the rail in place.

Now you are ready to fill the posts with concrete. You need two pieces of  $\frac{1}{2}$ "x5' re-bar for each post. Fill each post about  $\frac{1}{3}$  of the way with concrete and slide the re-bar down, keeping the re-bar near the center of post. Bring the concrete to within 5-6" of the top of post. Allow concrete to cure 3-4 days before hanging gate. Don't forget to clean the posts before the concrete sets up on them.

Now you are ready to assemble your gate. Measure inside post to inside post and subtract 7  $\frac{1}{2}$ " and cut your rails. Lay the stiles on flat, clean surface. (Look on the inside of stiles there will be a "T" for top.) Slide the rail into the hinge stile make sure that the rail are tight against the stile, on hinge stile install 2-  $\frac{3}{4}$ "x3  $\frac{1}{2}$ "x40" wood shims on inside stile

square rail to the stile and run the 2" screws in. Slid the center stile on and then the end stile, square the end stile and install 2- 3/4"x3 1/2"x40" wood shim inside stile and install 2" screws in, now measure and get the middle stile centered between the end stiles and run your screws in. flip the gate over and run screws in on the other side.

Now you are ready to hang the gate, simply remove the J-bolt and place them in the hinges on the hinge stile (one up and one down). Slide the J-bolt back through the post and tighten the nuts. Level the gate by adjusting the J-bolts.

Place the striker on latch stile, the pin wants to be set so that when it slides into the latch, it rides up and lifts the gate a little to take the pressure off the hinge post. Mark the holes, drill them and blot the striker on.

To install the safety chain and hook, attach chain to top striker bolt.

If you follow all instructions and be accurate, everything will look great.

## **DOUBLE DRIVE GATES**

Instead of a hinge post and a latch post, you have 2 hinge posts, so follow the above directions for the same placement of 3/4" J Bolts and filling the posts with concrete.

Now you are ready to assemble your gates. Measure inside post to inside post and subtract 12" and divide by 2 because you have 2 gates. Cut your rail. Lay the stile on a flat, clean surface. ( Look on the inside of the stiles there will be a "T" for top). Slide the rail into the hinge stile make sure that the rail are tight against the stile, install 2 – 3/4"x3 1/2"x40" wood shim inside stile ,square the rail to the stile and run the 2" screws in. Slide the center stile on and then the end stile, on end stile install 2- 3/4"x3 1/2"x40" wood shims inside stile, square the end stile and run your screws in, now measure and get middle stile centered between the end stiles and run your screws in. Flip the gate over and run the screws in on the other side. Duplicate for the other gate.

Now you are ready to hang the gates, simply remove the J-bolts and place them in the hinges on the hinge stile (one up and one down). Slide the J-bolt back through the post and tighten the nuts. Level the gates by adjusting the J-bolts.

The Double Drive Latch come with 2 pieces; the latch and the receiver. One piece goes on each gate and is placed above the drop pin brackets. Measure down about 12" from the top for the placement of the latch. There are 2 drop pin brackets for each gate also. These go on the bottom of the gate to hold the drop pins which go into the ground. You want to allow enough room for the pin to drop into the ground a few inches and also to clear the ground with enough space when opening the gate.

The chain kit which includes the 18" piece of chain and the hook. Bolt one on each gate on the same bolt that hold the latch, or the drop pin brackets, whichever you prefer.

