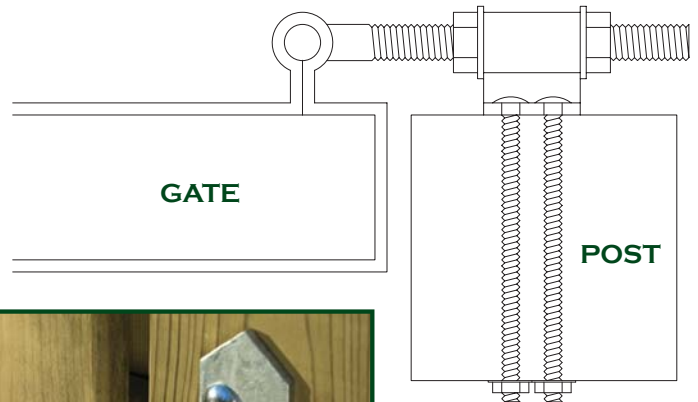
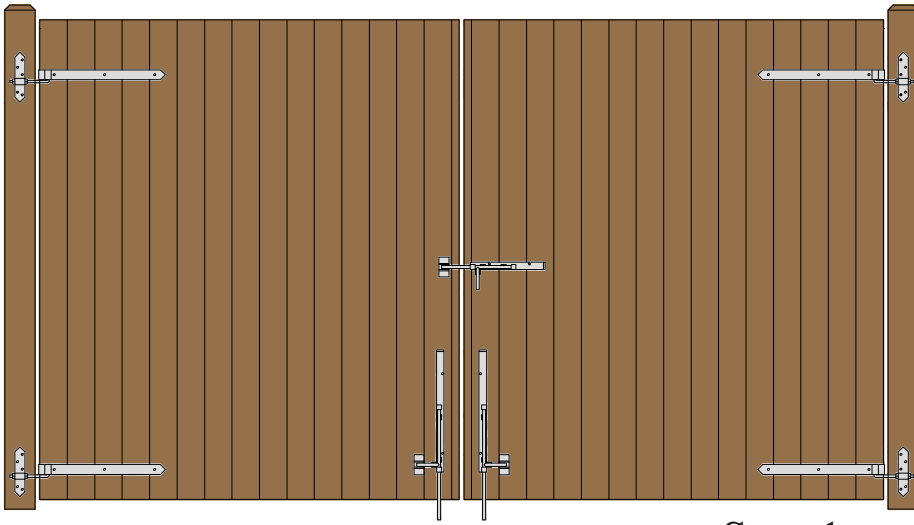


# Rear Eye Double Strap Bands with Adjustable Mounting Plates and Pins(Sku# 8324/8325-Sets) Installation Instructions

1. Place the rear eye double strap hinge bands (12/18/24") on the gate in the vertical center of the top and bottom rails. Pay attention to the relationship this placement will create with the mounting plate on the post and adjust the spacing if it is necessary. Remember if this gate is intended to hold animals you will want to mount the bottom pin upside down to keep it from being accidentally lifted off its hinges (see photo A). If the position works with your posts than place the bands square on the gate and install by drilling a 3/8" hole through the gate at each square hole location on the bands. Generally drilling half way through from both sides makes this easier.
2. Install the supplied carriage bolts, washers, and nuts through the holes. Tighten them down which will sandwich the gate with the double strap bands. If these gates are for use with animals install the nuts and washers on the outside of the gate as this will give them less to catch themselves on.
3. Once the hinge bands are installed, place the gate in the opening and shim it to its desired location. An extra pair of hands comes in handy with this step. Generally we recommend a space of 2" between the gate bottom and the ground. Pay special attention to which direction the gate will swing, if it is swinging into an incline you may need to raise it up to compensate for this. If installing double gates ensure that the level is equal on both sides to ensure a good fit in the middle.
4. Once you are satisfied with the gates spacing and location, put the threaded pin through the mounting plate and turn the nuts until the mounting plate is close to the desired horizontal location on the post. We recommend that the distance between the edge of the mounting plate and the inside edge of the hinge post be no less than 1/2". Either mark the post with a pencil or make a spacer to keep this aligned while you fasten the mounting plate to the post.
5. Install the mounting plates by drilling through the posts if you are using carriage bolts(preferred method) or by drilling pilot holes if you are using lags. At first drill and install only two (the top and bottom) of the bolts on each one of the mounting plates. This will allow you move the location later if necessary. If you are using carriage bolts they will need to be 1" longer than the thickness of the posts(a 5.5" post requires a 6.5" carriage bolt).
6. After the mounting plates are installed using 2 bolts in each, remove your blocking and shims and test the operation of the gate. If it swings as you would like it to continue installing the rest of the bolts by pre-drilling and installing as you did before.
7. Congratulations! You have installed your gate.



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# DUMPSTER GATES

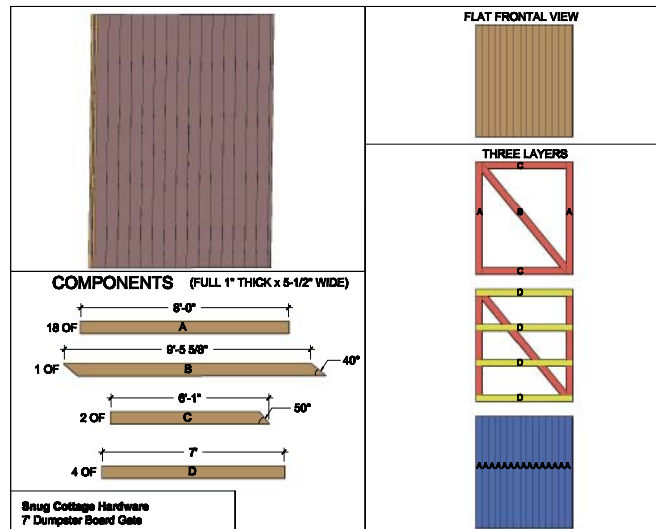
Construction and Assembly Instructions  
Snug Cottage Hardware

PLEASE NOTE  
THESE INSTRUCTIONS ARE FOR  
BUILDING A CAPE STYLE GATE.

FOR THE DUMPSTER GATE THE  
FRONT LAYER IS SOLID VERTICAL  
BOARDS RATHER THAN THE RAILS  
AS SHOWN.

## Step 1

Simply by following these step by step instructions you can make an attractive, functional and sturdy gate that will endure for years to come. All you need to do is calculate the overall height and width you require (or pick one of our standard sizes), make a trip to your local lumber retailer and get started.



## Step 2

Start by cutting the rails (horizontals) and stiles (verticals) to length. The rails will be cut to the overall width of the gate, if you have planned an 8' gate then cut them to 8'. The stiles on this gate are different lengths on the left and right. These pieces determine the overall height of your gate which is optional. The standard height we use is 74" on the high side of the gate and 46" on the low side. See our detailed cutting guide for help.



## Step 3

After you have those 8 pieces cut to length you can begin the layout and assembly. Lay one of the large stiles and one of the small stiles on a large work surface at approximately the gate width apart. Lay the top and bottom rail across the stiles at 90 degrees. The top rail will be equal with the top of the short stile and the bottom rail will be equal with the bottom of both the long and short stile.



### Step 4

Align each of the intersecting corners square to their outside edges and fasten with one 1.75" screw in each outer corner. Determine the placement of the top rail on the large stile by measuring 46" (or your new height dimension) up on the large stile from the bottom and make a pencil mark.



### Step 5

At this point ensure your top and bottom rail are parallel and that your left and right stiles are parallel (their distance apart is the same at both ends). Now square the gate by measuring diagonally across corner to corner. The measurement across both diagonals will be equal when the gate is square.



### Step 6

Now that your gate is square put another 2 screws in each of the corners to hold the gate square. Keep your screws to the outside corners of the intersection because later you are going to put a bolt right through the middle when the gate is complete.

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## Step 7

Now the frame is square lay the other rails in the middle of the gate and space them out equally. Do this by measuring the distance between the top and bottom rails, subtracting the overall width of the 2 middle rails and dividing the total by three. This will give the distance between each rail, we like to cut spacer blocks to this dimension to make it easier and uniform.



## Step 8

Now that the two middle rails are positioned properly put three screws in each of the 4 intersections in the same fashion you did the others. Remember to leave the middle clear.



## Step 9

This is what you should be left with. At this point install the other two stiles. Our pictures show us screwing them on from the outside, but if you don't want any screws to be visible on the completed gate you can clamp them into position and put the carriage bolts through the center of the intersections.



## Step 10

Lay the remaining stiles on top of the gate and flush with the others. Fasten them to the rails using screws from the outside or with the carriage bolts mentioned earlier. If using bolts do not put a bolt in the top and bottom intersection on the hinge side as they will be in the way of installing the hinges later. Use a screw instead as it will be covered by the hinge later.



## Step 11

Lay a diagonal board across the gate from the top of the hinge (tall) side to the bottom of the (short) latch side and over lapping onto the two stiles. Mark the cuts you need to make on this diagonal by using a ruler and eyeing up so that your ruler is even with the inside edge of each stile. If you are using one of our plans this step is already calculated for you. Make the cuts and fine tune for a nice fit.



## Step 12

After you have one diagonal in place flip the gate over. You now need to cut a block to join the diagonal with the top of the taller stiles. This block will be sandwiched between the diagonals and extend up into (and also sandwiched by) the two tall stiles. It is this block that ultimately keeps the gate square and prevents it from sagging so choose a piece of stock with little or no knots.

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### Step 13

First, cut the block at the angle that the diagonal intersects the top rail, mark the block using the ruler method explained earlier. With that angle cut, put the block in place so that it overhangs the top of the tall stile. Trace around the outside edges of the top stile and make those cuts, it should now fit perfectly. Fasten with screws along the outside edges, these will be covered when you install the second diagonal.



### Step 14

Lay the second diagonal across the gate so it overlaps the first. Mark and cut it as you did the first one in step 11. Once the fit is perfect clamp it in place and either screw it down along the outside edges or drill 3/8" holes in the center of each of the 5 intersections and install the 3.5" carriage bolts to hold it in place.



### Step 15

If you haven't already, begin marking and drilling 3/8" holes through the center of all the intersections in the gate (there should be 11). Also put a couple bolts equally spaced in the diagonal where it extends above the top rail if you haven't already. Remember not to put any where the hinges will go as this will be done when the hinges are installed at the end.

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### Step 16

Install a 3/8" x 3.5" hot dipped galvanized carriage bolt in each of the holes you just drilled. Add the nut and washer to the back side and tighten each one firmly. If this gate is being used for animals, pay attention to which way the gate will swing and which side the nut and washer will be on. Ideally, you will want the carriage bolt heads to face the animals as they are smooth and won't catch the animals.



### Step 17

You now need to cut filler blocks which will pad out the top rail where the hardware will install( 4 pieces in total, 2 on each side). Mark and cut them as you did previously and fine tune for a snug fit. Fasten them in place with 1.75" screws or bolt through.



### Step 18

You also need to cut 2 filler blocks for where the bottom hinge overlaps the bottom rail. Cut them two inches longer than the amount the hinge overlaps and fasten. If you are using the central eye hinges(8312) on your gate with the adjustable bottom fitting than this step is not necessary.



## Step 19

Once all the filler blocks are in place you can install the hinges. Generally speaking they are installed in the center of the top and bottom rail. The hinges wrap around both sides of the gate and are through bolted for extreme strength. It may be necessary to tap the hinge with a hammer to achieve a nice fit, if so use a wood block so you don't mar the finish.



## Step 20

Drill 3/8" holes through the gate at each square hole location in the hinges and install the supplied 3/8" x 4". You may find it necessary to drill halfway through from both sides to make it easier to line up. Once the holes are in, install the bolts, nuts and washers and tighten firmly.



## Step 21

Congratulations, you have completed the job! For detailed instructions on how to hang your gate, please visit our web site at [snugcottagehardware.com](http://snugcottagehardware.com)