

SINGLE DURA-GATE HD INSTALLATION INSTRUCTIONS

Thank you for purchasing Dura-Gate HD™ . . . heavy-duty fence gates durable for life. Get ready to experience life with no more irritating dragging, sagging or warping gates!

To install your Dura-Gate HD™, follow the instructions below. If you have any questions, you may view the Installation Video that is available at our web site, www.Dura-Gate.com. Or, feel free to contact us via the phone numbers listed above or by email at info@dura-gate.com.

Tools required for installation:

- Cordless drill with 1/2", 7/16", 3/8" sockets
- 3/16" Drill bit (per drill all wood screws)
- Skill Saw

Instructions:

Step 1)

The first step is to determine the length of the gate horizontals. Simply measure the gate opening and subtract 9-1/2". The 9-1/2" is based on the required 4" for the hinge, required 4" for the gate end assemblies and 1-1/2" gap for the latch. Example: If your gate opening is 85-1/2" you would cut your horizontals 76" long. Squarely cut the 3 horizontals to your determined length.



Step 2)

Hold the gate hinge side vertical in its desired height within the opening with the hinge holes facing down next to the hinge post and mark the location of the top hinge's bottom onto the post.



Step 3)

Locate one of the galvanized hinge plates and place it against the post and reference the top of its mounting nut with the line you marked on the post. Trace lines on all 4 sides on the plate identifying its location.



Step 4)

With the hinge plate still in its location, mark a circle in the middle of the mounting nut to reference the hole that needs to be drilled in the post to receive the hinge bolt.



Step 5)

For a wood post drill a one-inch hole approximately three inches deep at the circled location to receive the hinge bolt. For a hollow steel post simply drill a 1" hole with a Bi-metal hole saw, cut out with a torch, or similar method.



Step 6)

Hold the top hinge plate in its marked location and attach it to the post with the included fasteners. Wood lags are provided for wood posts and self-tapping tek screws are provided for steel posts.



Step 7)

Screw the hinge mounting bolt into the mounting nut a couple of turns and place one of the big nylon hinge bushings on the hinge bolt peg.



Step 8)

Hang the hinge gate vertical on the nylon bushing. Slip the other hinge assembly together and place in the bottom hinge cup location all the way. Making sure the gate vertical assembly is plumb, trace the outline of the plate on the post as above. *



Step 9)

Attach the bottom galvanized hinge plate as above. Place both of the hinge bolts in the mounting nuts and turn clockwise until the outside of the nylon bushings are approximately 3-3/4" away from the hinge post face. Plumb the nylon bushings to each other side to side with the minimum gap to the outside of bushing being 3-3/4".



Step 10)

Locate the three gate horizontals you cut earlier & slip them on the two gate uprights. Cross measure for square and attach with self-drilling screws 4 in each leg. Attach the diagonal gate brace on the back of the gate with self-drilling screws making sure that the top of the diagonal brace is at the top of hinge side and it goes toward the bottom of the latch side.



Step 11)

Simply place the frame back on the hinges. Make any necessary alignment adjustments by removing the frame and adjusting the necessary hinge alignment bolts and replacing.



Step 12)

Attach the wood pickets with supplied self-tapping Phillips head screws. The first board on the hinge side needs to be mortised out to accommodate the hinge side gussets. **



Step 13)

Attach the striker bar and handle at the desired location on the gate latch side. We recommend putting it in the center where the horizontal supports are. Now almost close the gate and align the latch corresponding to the striker and attach.



Step 14)

Congratulations! Now you have a perfectly smooth operating, super strong Dura-Gate HD™ fence gate!



* Please understand that there is two directions in which to plumb a post, side to side and front to back. You need to plumb this front to back.
** NOTE: You can tie a string across boards and use it as a guide to keep the boards straight and level.