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DEER FENCE ACCESS GATE INSTRUCTIONS

For Gate SKUS:

DE3160-03, DE3160-04, DE3160-05, DE3160-06, DE3160-07

DE3170-03, DE3170-04, DE3170-05, DE3170-06, DE3170-07

DE3180-03, DE3180-04, DE3180-05, DE3180-06, DE3180-07

Recommended Installation Tools:

Power Drill

5/16" Drill Bit

Socket Wrench 5/16" or Adjustable wrenches

Tape Measure

Shovel

Digging Bar

Post Hole Digger (Concrete Installation)

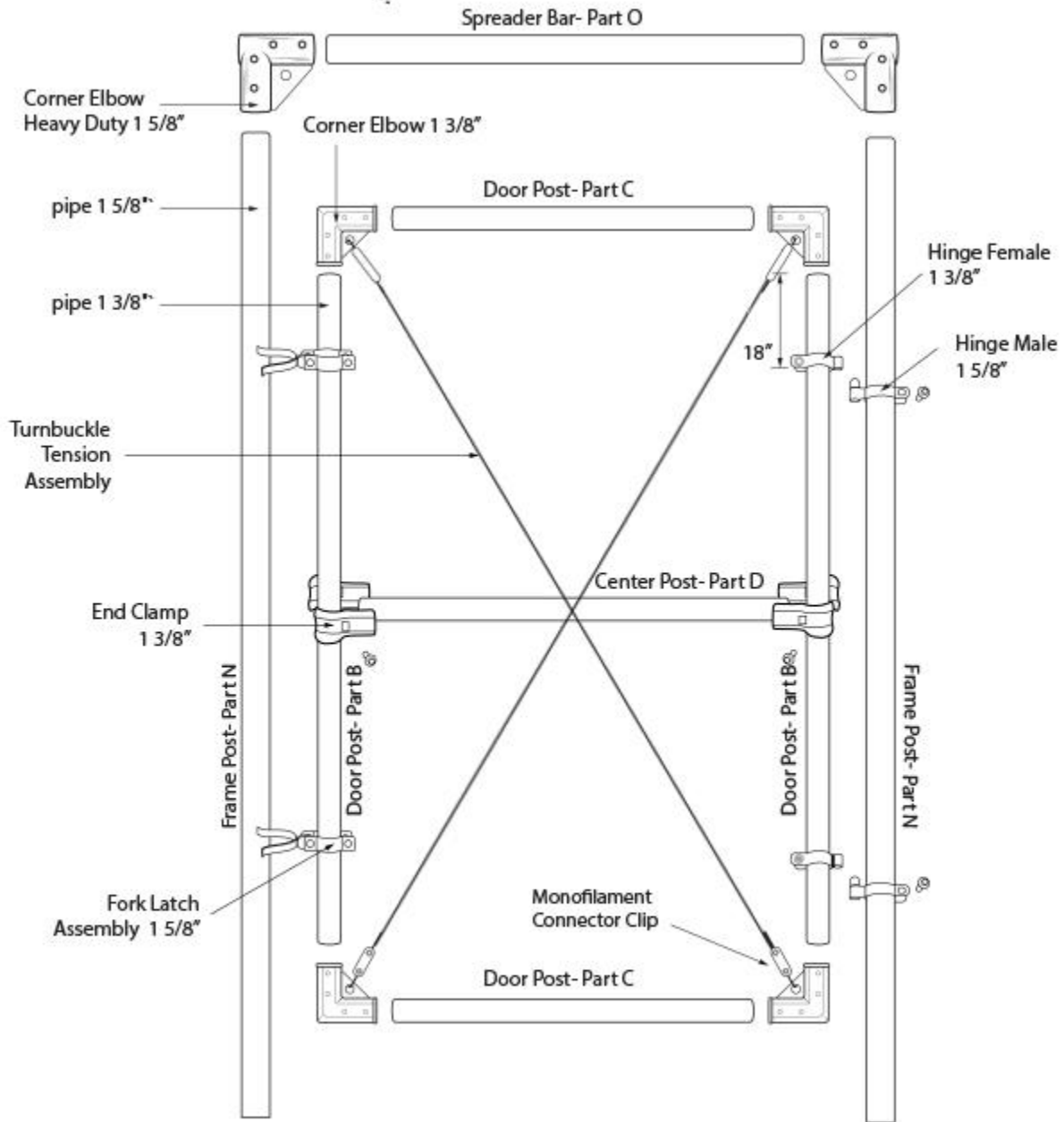
Sledge Hammer (Sleeved Installation)

These gates are designed to be incorporated into your deer fence system. They do not come with fencing material. You will need to use the fencing material from your deer fence system.



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*Ground Sleeves Not Shown



HARDWARE PARTS LIST






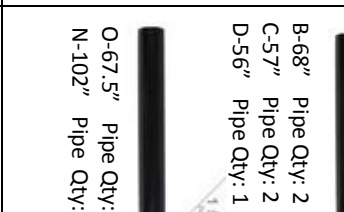
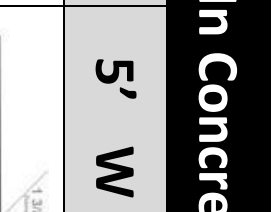
 <p>Corner Elbow Heavy Duty 1 5/8" Black</p> <p>DE8116 Qty: 2</p>	 <p>Corner Elbow 1 3/8" Black</p> <p>DE8112 Qty: 4</p>	 <p>Turnbuckle Tension Assembly</p> <p>DE8464 Qty: 2</p>	 <p>End Clamp 1 3/8" Black</p> <p>DE8154 Qty: 2</p>
 <p>Hinge Female 1 3/8" Black</p> <p>DE8210 Qty: 2</p>	 <p>Hinge Male 1 5/8" Black</p> <p>DE8212 Qty: 2</p>	 <p>Fork Latch Assembly 1 5/8" Black</p> <p>DE8180 Qty: 2</p>	 <p>Self-Locking Zip Ties 50 Pack</p> <p>DE2853 Qty: 1</p>
 <p>Monofilament Connector Clip</p> <p>DE9932 Qty: 2</p>	 <p>3/8" Self-Tapping Screw (Not Incl. in 6' Corner)</p> <p>DE8450 Qty: 16</p>	 <p>5/16" x 2 1/2" Hot Dip Galvanized Hex Bolt, Nut & Washer</p> <p>DE8066 Qty: 8</p>	 <p>3/8" x 2" Hot Dip Galvanized Carriage Bolt, Nut & Washer</p> <p>DE8054 Qty: 4</p>



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 <p>5/16" x 2" Hot Dip Galvanized Carriage Bolt, Nut & Washer DE8044 Qty: 2</p>	 <p>Black Ground Sleeve (Sleeved Gates Only) DE8196 Qty: 2</p>	 <p>Drive Cap (Sleeved Gates Only) DE2812 Qty: 1</p>	
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		High		6'		3' W		4' W		5' W		6' W			
															

PIPE PARTS LIST (In Concrete)



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PIPE PARTS LIST (Sleeved)

7' W	6' High	3' W	4' W	5' W
<p>B-68" Pipe Qty: 2 C-81" Pipe Qty: 2 D-80" Pipe Qty: 1</p> <p>O-91.5" Pipe Qty: 1 N-102" Pipe Qty: 2</p>	<p>B-68" Pipe Qty: 2 C-33" Pipe Qty: 2 D-32" Pipe Qty: 1</p> <p>O-43.5" Pipe Qty: 1 N-90" Pipe Qty: 2</p>	<p>B-87" Pipe Qty: 2 C-33" Pipe Qty: 2 D-32" Pipe Qty: 1</p> <p>O-43.5" Pipe Qty: 1 N-108" Pipe Qty: 2</p>	<p>B-87" Pipe Qty: 2 C-45" Pipe Qty: 2 D-44" Pipe Qty: 1</p> <p>O-55.5" Pipe Qty: 1 N-108" Pipe Qty: 2</p>	<p>B-68" Pipe Qty: 2 C-57" Pipe Qty: 2 D-56" Pipe Qty: 1</p> <p>O-67.5" Pipe Qty: 1 N-90" Pipe Qty: 2</p>
<p>B-80" Pipe Qty: 2 C-81" Pipe Qty: 2 D-80" Pipe Qty: 1</p> <p>O-91.5" Pipe Qty: 1 N-108" Pipe Qty: 2</p>	<p>B-80" Pipe Qty: 2 C-33" Pipe Qty: 2 D-32" Pipe Qty: 1</p> <p>O-43.5" Pipe Qty: 1 N-102" Pipe Qty: 2</p>	<p>B-87" Pipe Qty: 2 C-33" Pipe Qty: 2 D-32" Pipe Qty: 1</p> <p>O-43.5" Pipe Qty: 1 N-108" Pipe Qty: 2</p>	<p>B-80" Pipe Qty: 2 C-45" Pipe Qty: 2 D-44" Pipe Qty: 1</p> <p>O-55.5" Pipe Qty: 1 N-102" Pipe Qty: 2</p>	<p>B-80" Pipe Qty: 2 C-57" Pipe Qty: 2 D-56" Pipe Qty: 1</p> <p>O-67.5" Pipe Qty: 1 N-102" Pipe Qty: 2</p>
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6' W		7' W	
 <p>B-68" Pipe Qty: 2 C-69" Pipe Qty: 2 D-68" Pipe Qty: 1</p> <p><small>1.318"</small></p>	 <p>B-68" Pipe Qty: 2 C-81" Pipe Qty: 2 D-80" Pipe Qty: 1</p> <p><small>1.318"</small></p>	 <p>O-79.5" Pipe Qty: 1 N-90" Pipe Qty: 2</p> <p><small>1.518"</small></p>	 <p>O-91.5" Pipe Qty: 1 N-90" Pipe Qty: 2</p> <p><small>1.518"</small></p>
 <p>B-80" Pipe Qty: 2 C-69" Pipe Qty: 2 D-68" Pipe Qty: 1</p> <p><small>1.318"</small></p>	 <p>B-80" Pipe Qty: 2 C-81" Pipe Qty: 2 D-80" Pipe Qty: 1</p> <p><small>1.318"</small></p>	 <p>O-79.5" Pipe Qty: 1 N-102" Pipe Qty: 2</p> <p><small>1.518"</small></p>	 <p>O-91.5" Pipe Qty: 1 N-102" Pipe Qty: 2</p> <p><small>1.518"</small></p>
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ACCESS GATE ASSEMBLY INSTRUCTIONS



These Instructions cover installation of gate frame directly into the ground using concrete. For sleeved installation, go to page 8.

Instructions for assembling the gate support frame in concrete

Slide the two 1 5/8" corner elbows (DE8116) onto the ends of the spreader bar (Part O), **making sure the open ends of the elbow are flush with the open ends of the spreader bar**. You should be able to see through the inside of the spreader bar once the corners are installed.

Using the holes in the corner elbow as a guide, take a 5/16" drill bit and drill holes in the spreader bar. Flip the elbows and spreader bar over and repeat the drilling on the opposite side. Bolt the elbows to the spreader bar using the 5/16" x 2 1/2" hex bolts (DE8066).

Place the spreader bar (Part O) along your fence line in the spot where you will be installing the gate. The location of the corner elbows will mark the location for your two 1 5/8" diameter support posts. These are the spots where you will dig holes for your 1 5/8" diameter support posts.

FOR 6' H & 7' H ACCESS GATE FRAMES: Dig holes at the spots marked by the corner elbows.

Gate Height	Hole Depth
6'	26"
7'	20"

After marking your locations and digging to the appropriate depth, insert the 1 5/8" diameter support posts (Part N) into the 1 5/8" corner elbows already attached to the spreader bar. Use a 5/16" drill bit to drill holes in the posts using the holes in the corner elbow as a guide. Flip the



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frame assembly over and repeat for the opposite side. Bolt the elbows to the support posts using the 5/16" x 2 1/2" hex bolts (DE8066). Make sure all bolts are tight.

Place the assembled support frame into the holes making sure the posts are both level and plumb. Posts should be concreted in for best results. Allow concrete to set according to manufacturer specifications before proceeding to the next step.



Proceed to Step 2 on page 9.





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These Instructions cover installation of gate frame into ground sleeves. For concreted in ground installation, go back to page 6.

Instructions for assembling the gate support frame in ground sleeves

Slide the two 1 5/8" corner elbows (DE8116) onto the ends of the spreader bar (Part O), **making sure the open ends of the elbow are flush with the ends of the spreader bar.** You should be able to see through the inside of the spreader bar after the corners are installed.

Using the holes in the corner elbow as a guide, take a 5/16" drill bit and drill holes in the spreader bar. Flip the elbows and spreader bar over and repeat the drilling on the opposite side. Bolt the elbows to the spreader bar using the 5/16" x 2 1/2" hex bolts (DE8066).

Place the spreader bar (Part O) along your fence line in the spot where you will be installing the gate. The location of the corner elbows will mark the location for your two 1 5/8" diameter support posts. These are the spots where you will drive the ground sleeves for your 1 5/8" diameter support posts.



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After marking your locations, use the drive cap to drive the ground sleeves in flush with the ground checking as you are driving to make sure the sleeves are plumb.

Insert the 1 5/8" diameter support posts (Part N) into the 1 5/8" corner elbows already attached to the spreader bar. Use a 5/16" drill bit to drill holes in the posts using the holes in the corner elbow as a guide. Flip the frame assembly over and repeat for the opposite side. Bolt the elbows to the support posts using the 5/16" x 2 1/2" hex bolts (DE8066). Make sure all bolts are tight.

Place the assembled support frame into the sleeves.

Proceed to Step 2.

STEP 2: Gate Door Assembly

Fit together the gate door pipe (2 x Vertical Pipe Part B; 2 x Horizontal Pipe Part C) and 1 3/8" corner elbows to create the gate. Make sure the pipe is all the way inside the elbows before attaching. Use the self-tapping screws (DE8450) to attach the corner elbows.

Measure to find the center of your vertical sides and attach the center support post (Part D) using the end clamps (DE8154) and 5/16" x 2" carriage bolts (DE8044).

Hook one of the turnbuckles located on the ends of the tension wire (DE8464) in the center hole of the corner elbow (DE8112) on the top left of your gate. Fully extend the threads on the monofilament connector clip (DE9932) and feed one tension wire through the opening on the clip. Loop the wire through the corner elbow on the bottom right. Feed the wire back through the connector clip. Take slack out of the wire and tighten the connector clip (DE9932) securely. Repeat on other side.



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Next, evenly tighten turnbuckles keeping gate square. (Measure diagonally on the gate, once the two measurements are the same the gate is square.)



STEP 3: Hardware Attachment

On one side of the gate door, measure 18" from the top and 18" from the bottom. Attach a female hinge (DE8210) at each mark using the 3/8" x 2" bolts (DE8054).

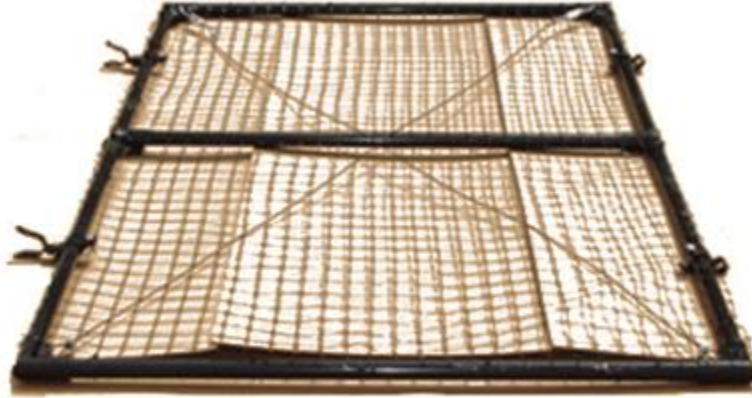
Attach the fork latch assemblies (DE8180) to the other side of the gate door 18" from the top and 18" from the bottom.

Attach the 1 5/8" male hinges (DE8212) to the gate frame using 3/8" x 2" bolts. Do not tighten the bolts completely. Hold the gate door in position inside the gate frame and slide the male hinges up into the bottom of the female hinges (DE8210). Once properly positioned you can tighten the bolts.



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For installation questions or advice:

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