

# 6' H and 7' H 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

## Installation Tools:

Power Drill

5/16" Drill Bit

Socket Wrench 5/16" or Adjustable wrenches

Tape Measure

Shovel

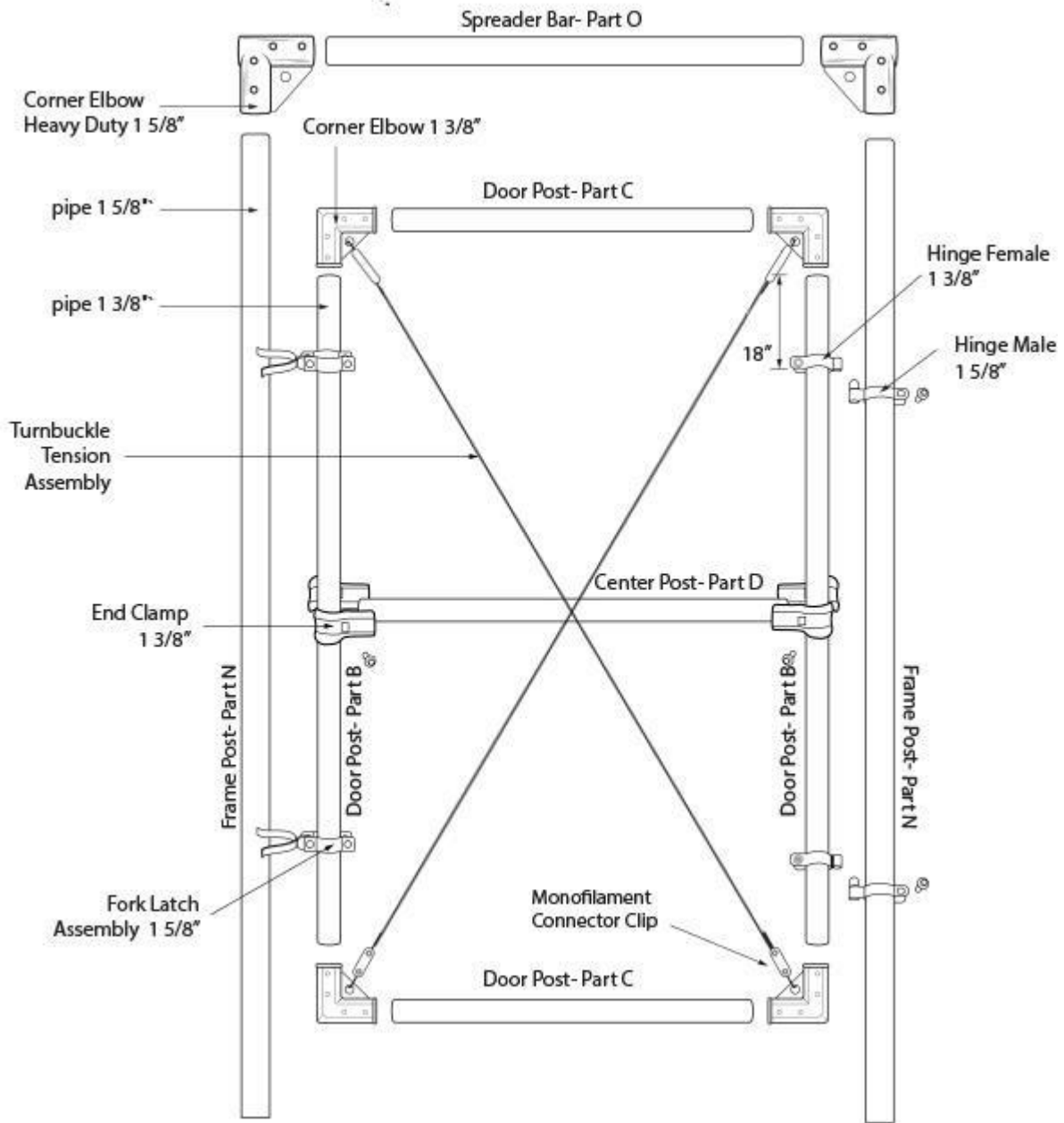
Digging Bar

Level

Concrete(Recommended)

Post Hole Digger (Recommended)

**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.**



# 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>3/4" 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 &amp; Washer</p> <p>DE8066 Qty: 8</p>	 <p>3/8" x 2" Hot Dip Galvanized Carriage Bolt, Nut &amp; Washer</p> <p>DE8054 Qty: 4</p>
 <p>5/16" x 2" Hot Dip Galvanized Carriage Bolt, Nut &amp; Washer</p> <p>DE8044 Qty: 2</p>			

6' H GATES PIPE PARTS LIST (IN CONCRETE)								
6'H x 3' W			6'H x 4' W			6'H x 5' W		
Qty	Pipe Part	SKU	Qty	Pipe Part	SKU	Qty	Pipe Part	SKU
2	B- 1 3/8" x 68"	DE8353-068	2	B- 1 3/8" x 68"	DE8353-068	2	B- 1 3/8" x 68"	DE8353-068
2	C- 1 3/8" x 33"	DE8353-033	2	C- 1 3/8" x 45"	DE9553-045	2	C- 1 3/8" x 57"	DE8353-057
1	D- 1 3/8" x 32"	DE8353-032	1	D- 1 3/8" x 44"	DE8353-044	1	D- 1 3/8" x 56"	DE8353-056
1	O- 1 5/8" x 43.5"	DE9558-0435	1	O- 1 5/8" x 55.5"	DE9558-0555	1	O- 1 5/8" x 67.5"	DE9558-0675
2	N- 1 5/8" x 102"	DE8358-102	2	N- 1 5/8" x 102"	DE8358-102	2	N- 1 5/8" x 102"	DE8358-102
6'H x 6' W			6'H x 7' W					
Qty	Pipe Part	SKU	Qty	Pipe Part	SKU			
2	B- 1 3/8" x 68"	DE8353-068	2	B- 1 3/8" x 68"	DE8353-068			
2	C- 1 3/8" x 69"	DE9553-069	2	C- 1 3/8" x 81"	DE9553-081			
1	D- 1 3/8" x 68"	DE9553-068	1	D- 1 3/8" x 80"	DE8353-080			
1	O- 1 5/8" x 79.5"	DE9558-0795	1	O- 1 5/8" x 91.5"	DE9558-0915			
2	N- 1 5/8" x 102"	DE8358-102	2	N- 1 5/8" x 102"	DE8358-102			
7' H GATES PIPE PARTS LIST (IN CONCRETE)								
7'H x 3' W			7'H x 4' W			7'H x 5' W		
Qty	Pipe Part	SKU	Qty	Pipe Part	SKU	Qty	Pipe Part	SKU
2	B- 1 3/8" x 80"	DE8353-080	2	B- 1 3/8" x 80"	DE8353-080	2	B- 1 3/8" x 80"	DE8353-080
2	C- 1 3/8" x 33"	DE8353-033	2	C- 1 3/8" x 45"	DE9553-045	2	C- 1 3/8" x 57"	DE8353-057
1	D- 1 3/8" x 32"	DE8353-032	1	D- 1 3/8" x 44"	DE8353-044	1	D- 1 3/8" x 56"	DE8353-056
1	O- 1 5/8" x 43.5"	DE9553-0435	1	O- 1 5/8" x 55.5"	DE9558-0555	1	O- 1 5/8" x 67.5"	DE9558-0675
2	N- 1 5/8" x 108"	DE8358-108	2	N- 1 5/8" x 108"	DE8358-108	2	N- 1 5/8" x 108"	DE8358-108
7'H x 6' W			7'H x 7' W					
Qty	Pipe Part	SKU	Qty	Pipe Part	SKU			
2	B- 1 3/8" x 80"	DE8353-080	2	B- 1 3/8" x 80"	DE8353-080			
2	C- 1 3/8" x 69"	DE9553-069	2	C- 1 3/8" x 81"	DE9553-081			
1	D- 1 3/8" x 68"	DE9553-068	1	D- 1 3/8" x 80"	DE8353-080			
1	O- 1 5/8" x 79.5"	DE9558-0795	1	O- 1 5/8" x 91.5"	DE9558-0915			
2	N- 1 5/8" x 108"	DE8358-108	2	N- 1 5/8" x 108"	DE8358-108			

### STEP 1: SPREADER BAR

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).

### STEP 2: LOCATE HOLES

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"

### STEP 3: BUILD GATE FRAME

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 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.

#### **STEP 4: INSTALL GATE FRAME**

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. Measure the distance between the posts to make sure they are the same distance apart at the bottom (ground level) as at the top. Allow concrete to set according to manufacturer specifications before proceeding to the next step. In areas where concrete is not possible, we recommend a combination of gravel and dirt tamped down firmly.



#### **STEP 5: 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. You may need to use a hammer to tap the pipe all the way into the elbow. 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).

### **STEP 6: SQUARING THE DOOR**

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 the opposite corners with the remaining U-bolt and turnbuckle assembly.



Measure the distance between one opposite pair of corners and then the other pair. If these distances are equal the door is square. If they are not equal, tighten and/or loosen the appropriate turnbuckles to equalize the distances and make the door square. Cut any excess line about 4 inches beyond the U-bolt clamp in case there is ever need for further adjustment.

### **STEP 7: ATTACHING GATE HARDWARE**

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.

## STEP 8 : ATTACH THE FENCING

### Option 1:

Cut a piece of fencing off your roll slightly larger than the gate door with a wire cutter and mount it on the door with zip-ties, using about 1 tie every 6 inches.

### Option 2:

Should you wish to cut the fencing for the gate door from fencing crossing the gate, you can do that. Simply make sure that the fencing is securely mounted at least one post behind and one post beyond the gate frame. Then terminate the fencing at the gate frame on both sides, leaving an inch or so more than you need to secure the fencing to the frame posts, and use the section thus cut out to mount on the gate door. Trim the mounted fencing.

