


FENCE ENCLOSURE KIT WITH TOP 15' x 15' (Poly, Steel Hex, Welded)

PARTS LIST			
			
<p>1 3/8" 3 Way Flat Corner Fitting- Black</p>	<p>1 3/8" 3 Way Thru Fitting- Black</p>	<p>1 3/8" 4 Way Flat Side Fitting- Black</p>	<p>1 3/8" L Shape Thru Fitting- Black</p>
<p>FP1002 Qty: 4</p>	<p>FP1007 Qty: 1</p>	<p>FP1008 Qty: 4</p>	<p>FP1004 Qty: 3</p>
			
<p>1 3/8" 3 Way Flat Thru Fitting- Black</p>	<p>1 3/8" 5 Way Flat Corner Fitting- Black</p>		
<p>FP1009 Qty: 2</p>	<p>FP1003 Qty: 1</p>		
			
<p>1 3/8" x 87" Black Powder Coated Galvanized Steel Pipe</p>	<p>1 3/8" x 107 3/4" Black Powder Coated Galvanized Steel Pipe</p>	<p>1 3/8" Drive Cap for Ground Sleeves</p>	<p>8" Heavy Duty Self Locking Ties- 100 Pack</p>
<p>DE8353-087 Qty: 16</p>	<p>DE8353-108 Qty: 10</p>	<p>DE2810 Qty: 1</p>	<p>DE2854 Qty: 3</p>

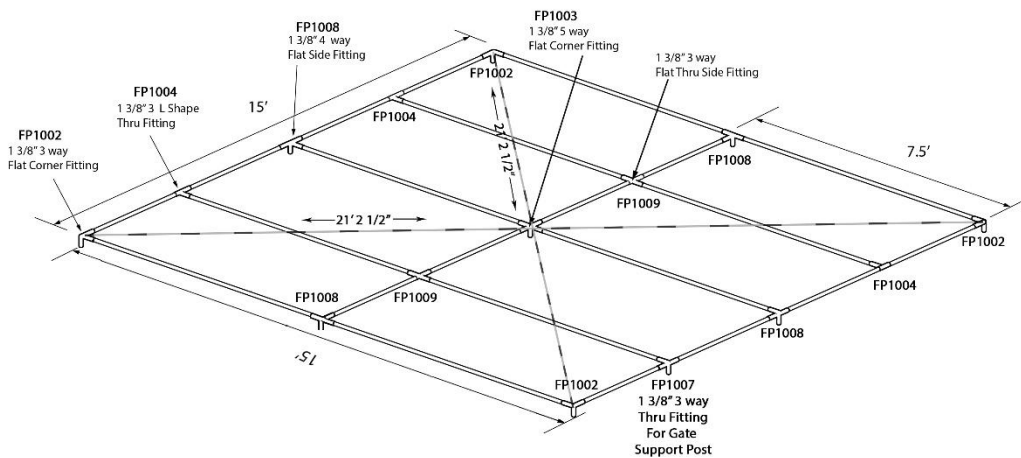
 <p>1 3/8" Black Galvanized Ground Sleeves</p> <p>DE8195 Qty: 10</p>	 <p>12" Kinked Galvanized Ground Stakes- 30 Pack</p> <p>DE2878 Qty: 2</p>	 <p>100' Fence Roll (Poly, Steel Hex, Welded)</p> <p>Qty: 1</p>	 <p>3' Wide Gate Assembly Kit with Hardware (Optional)</p> <p>GA7003 Qty:1</p>
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Step 1: Enclosure Top Assembly

Parts Needed: (4) FP1002, (1) FP1007, (4) FP1008, (3) FP1004, (2) FP1009, (1) FP1003, (16) DE8353-087

Assemble the top frame as shown below using 87" long pipes for all connections. The FP1002 are used on the corners. The FP1008 are used on the sides to attach the center support. The FP1004 are used to attach the top supports. The FP1007 is used on the gate support post. The FP1009 are supports for the inside frame. FP1003 will be used in the very center of the enclosure top. Install this fitting on one of the sides of the enclosure 40 1/2" from the corner to the inside of the leg of the fitting that will become the gate support post. (see diagram 1.)

DIAGRAM 1



Make sure your enclosure top is square by measuring the distances diagonally across the top. The distance should be 21' 2 1/2" in both directions as shown in diagram 1. If you plan on using the assembled frame to mark the ground sleeves, move the frame into final position before squaring up the top.

Be sure all the posts are all the way in the fittings and you have tightened all the thumbscrews.

Step 2: Ground Sleeve Installation

Parts Needed: (1) DE2810, (10) DE8195

Option 1: The finished top of the enclosure can be used to locate the correct placement for the ground sleeves. Mark the placement for where the ground sleeves will be driven in the ground and move the top of the enclosure to allow adequate clearance for driving the ground sleeves. Using the drive cap in the top of each sleeve, drive the ground sleeves into the ground taking care to drive the sleeves plumb. It is helpful to stop after every few hits and check the level of the sleeves when driving.

Option 2 (see diagram 2): If an existing garden bed or structure makes it impossible to mark the location of the ground sleeves using the enclosure top you will need to make a series of measurements to ensure your sleeve placement is square. Use two tape measures to determine proper sleeve placement for the four corners. All measurements are from the outside of the sleeve to the outside of the sleeve.

Determine the location and direction of one of the 15' sides of your enclosure. Start by driving these two sleeves into the ground. For the third corner, run two tape measures, one 15' out from one corner and one diagonally 21' 2 1/2" from the other corner. Where these tapes cross at the two measurements is where to drive the third sleeve. To determine the fourth corner, go up 15' from corner 3 and diagonally from corner 2 21' 2 1/2". Where these measurements cross is where to drive the fourth sleeve.

DIAGRAM 2

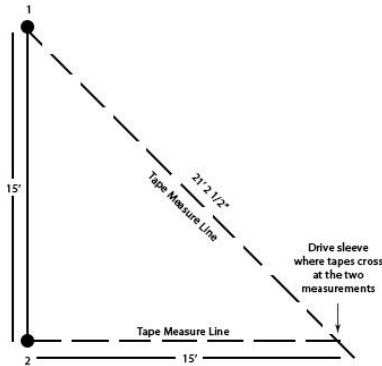
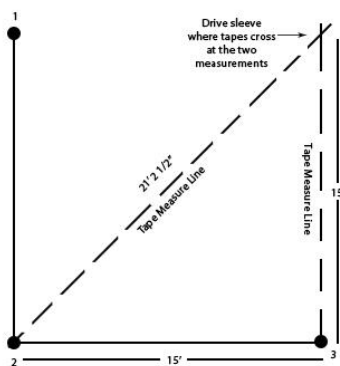
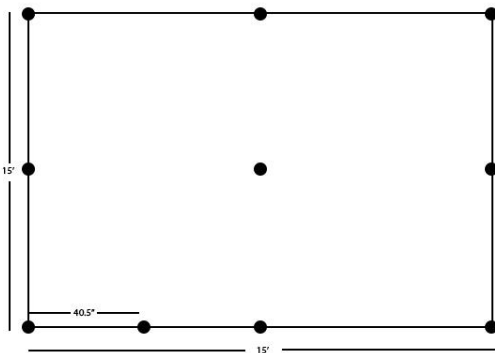


DIAGRAM 3



Once the corners are in place you can use a string line to determine the location of the remaining sleeves on the 15' sides of the enclosure. The gate latch post sleeve should be installed 40 1/2" measuring from the outside of the corner posts to the outside of the post where the gate will be hung.

DIAGRAM 4



It will be helpful to have extra hands available to make this step easier.

Step 3: Vertical Support Installation

Parts Needed: (7) DE8353-108

Slide the 7- 1 3/8" x 107 3/4" pipes into the ground sleeves

Step 4: Enclosure Top Frame Attachment

Option 1: Reassemble the top frame of the enclosure on top of the vertical support posts. It may be possible to add the frame in sections rather than individual fittings and pipes.

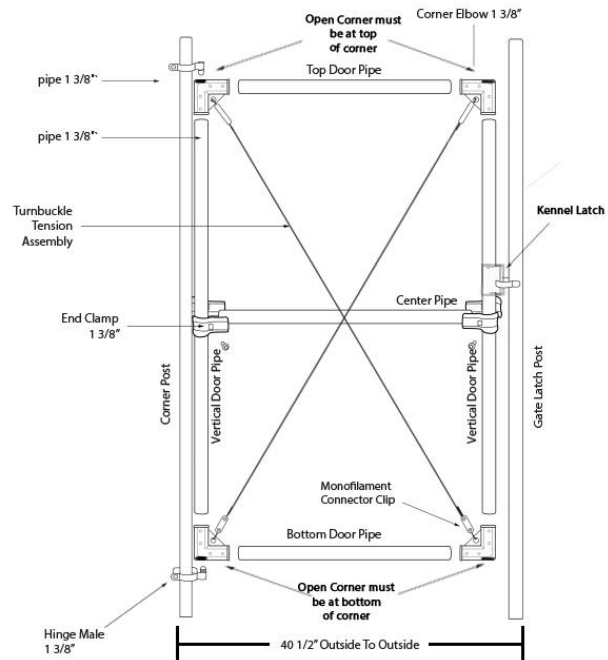
Option 2: If you have enough hands, the entire frame may be dropped into place on top of the vertical support posts.

Step 5: Assemble and Install Gate

Parts Needed: (1) GA7003

Gate Parts

- (2) 1 3/8" Dia. Vertical Gate Pipe
- (2) 1 3/8" Dia. Horizontal Gate Pipe
- (1) 1 3/8" Dia. Center Gate Pipe
- (2) 1 3/8" End Clamps
- (2) Access Gate Turnbuckle Tension Assembly
- (4) 1 3/8" Kennel Corner Elbows
- (2) 1/8" Monofilament Clips
- (2) 5/16" x2" Carriage Bolt
- (1) Kennel Latch
- (2) 1 3/8" Kennel Hinge
- (16) Self Tapping Screws



Assemble the gate using the included gate posts. The top and bottom horizontal gate frame posts will be 1 3/8" x 33". The 2 vertical gate posts are 1 3/8" x 80". Insert these posts into the 4 corner elbows making sure the 80" post is in the side with the open end of the elbow. You should be able to see all the way down the inside of the 80" pipe and out the other end after the elbows are installed.

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

Hook one of the turnbuckles located on the ends of the tension wire in the center hole of the corner bracket on the top left of your gate. Fully extend the threads on the monofilament connector clip and feed one tension wire through the opening on the clip. Loop the wire through the corner bracket on the bottom right. Feed the wire back through the connector clip. Take slack out of the wire and tighten the connector clip securely. Repeat on other side. Measure diagonally from corner to corner to make sure both directions are the same length. You can square up the gate if necessary by adjusting the turnbuckles.

Install the male hinges loosely on the corner post closest to your gate support post. Attach the male hinge at the base of the support post at the desired height and tighten the hinge. Drop gate panel onto the male hinge and hold in place while attaching the top male hinge by sliding the male end into the opening of the corner. Tighten down the bolts to lock the hinges in place.

Install kennel latch at the desired height on the gate panel. The latch should be installed so that it is lifted to open the gate.

Step 6: Attach Fence

Parts Needed: (1) DE1071, (2) DE2854, DE2878

Unroll the fence along the perimeter of the fence using zip ties to attach the fencing to the posts and gate frame. Use approx. 7 ties per post. Run fencing along the top of the enclosure starting at one of the 15' wide sides and heading towards the back of the enclosure. Unroll along the top of the enclosure and secure using zip ties. The top will need two rows of fencing to complete.

The entire perimeter of the enclosure base is staked down with kinked stakes every 2 feet.

