## Dog Fence Top Rail Dual Leaf Driveway Gate Installation Instructions

## **HARDWARE PARTS** Α В C D QTY: 6 QTY: 8 QTY: 8 End Clamp Black Galvanized Steel Corner Elbow Hex 1 3/8" Heavy 13/8" x 13/8" 15/8" Brace Band Black **Duty Black B1** 1 3/8" Brace Cup QTY: 2 B2 1 5/8" Brace Cup QTY: 4 SKU: DE8154 SKU: DE8080 SKU: DE8112 F E G Н QTY: 4 QTY: 4 QTY: 2 QTY: 4 **Turnbuckle Gate Tension** Male Hinge Black Galvanized Female Hinge Black Galvanized Assembly Fork Latch Assembly 1 5/8" Black Steel 1 5/8" Steel 1 3/8" SKU: DE8464 SKU: DE8212 SKU: DE8180 SKU: DE2830 K QTY: 40 QTY: 1 QTY: 4 Carriage Bolt w/Washer & Nut Hot Dip Galvanized Drop Rod Receptacle and Rod **K1**- 5/16" x 1 1/2" QTY: 6 Monofilament Connector Clip Self-Tapping Screw ¾" Assembly Kit **K2-** 5/16" x 2" QTY: 12 SKU: DE8130 & DE8128 SKU: DE2830 **K3**- 3/8" x 2" QTY: 8 SKU: DE9978-1 N 0 Ρ M QTY: 4 QTY: 2 QTY: 2 QTY: 1 pk 8" High Strength Nylon Self-Black Ground Sleeve for 1 5/8" 1 3/8" x 1 3/8" Center Support Locking Ties - 100pk 15/8" Black Dome Post Cap Post Clamp SKU: DE2854 SKU: DE8196 SKU: DE2886-1 SKU: DE8096

Q

QTY: 2



1 5/8" Loop Caps with 1 3/8" Loops

SKU: DE8089

## Recommended Tools (not included)

Power Drill with 5/16" Drill Bit

Socket Wrench 5/16" or Adjustable wrenches

Tape Measure

Level

Sledgehammer

Earth Auger/Digging Bar

Brace (	Ver Cento	Horia Centa (	Ver Pip Gate (	Horia Pip Gate	Fram Post			Brace (	Ver Centa	Horia Centa (	Ver Pip Gate	Hori Pip Gate	Fram Post		
Brace Posts (E)	Vertical Center Bar (D)	Horizontal Center Bar (C)	Vertical Pipe for Gate Door (B)	Horizontal Pipe for Gate Door (A)	Frame/Line Posts (N)			Brace Posts (E)	Vertical Center Bar (D)	Horizontal Center Bar (C)	Vertical Pipe for Gate Door (B)	Horizontal Pipe for Gate Door (A)	Frame/Line Posts (N)		
2	4	2	4	4	4	Qty		2	4	2	4	4	4	Qty	
1 5/8" x 96"	1 3/8" × 26 1/8"	13/8" x 41.5"	1 3/8" x 56"	13/8" x 42.5"	1 5/8" x 72"	Pipe Measurement	5'H x 8' W	15/8"×96"	1 3/8" x 32 1/8"	13/8" x 41.5"	1 3/8" x 68"	13/8" x 42.5"	1 5/8" x 84"	Pipe Measurement	Pipe Part List for 6'
DE8358- 096	DE9553- 026125	DE9553- 0425	DE8352- 056	<b>D</b> E9553- 0425	DE8358- 072	SKU			DE9553- 032125	DE9553- 0425	DE8352- 068	№E9553- 0425	DE8358- 084	SKU	t List fo
2	4	2	4	4	4	Qty	0	2 2 7 7	4	2	4	4	4	Qty	)r 6' D
15/8" x96"	13/8" x 26 1/8"	13/8" ×53.5"	13/8"×56"	13/8" x54.5"	15/8" x 72"	Pipe Measurement	ESC OF S'H x 10' W S'H	15/8"×96"	13/8" x 32 1/8"	13/8" x53.5"	13/8"×68"	13/8" x54.5"	15/8" x 84"	Pipe Measurement	Dog Dual Driveway Gate
DE8358- 096	DE9553- 026125	DE9553- 0535	DE8352- 056	DE9553- 0545	DE8358- 072	SKU		DE8358- 096	DE9553- 032125	DE9553- 0535	DE8352- 068	<b>D</b> E9553- 0545	DE8358- 084	SKU	Drivev
2	4	2	4	4	4	Qty	yay Ga	2 yew	4	2	4	4	4	Qty	vay Ga
15/8" x 96"	1 3/8" × 26 1/8"	13/8" x 65.5"	13/8" x 56"	13/8" x 66.5"	15/8" x 72"	Pipe Measurement	5'H x 12' W	15/8" x 96"	1 3/8" x 32 1/8"	1 3/8" x 65.5"	13/8" x 68"	13/8" x 66.5"	15/8" x 84"	Pipe Measurement	te 6'H x 12' W
DE8358- 096	DE9553- 026125	DE9553- 0655	DE8352- 056	DE9553- 0665	DE8358- 072	SKU		DE8358- 096	DE9553- 032125	DE9553- 0655	DE8352- 068	<b>D</b> E9553- 0665	DE8358- 084	SKU	
Brace Posts (E)	Vertical Center Bar (D)	Horizontal Center Bar (C)	Vertical Pipe for Gate Door (B)	Horizontal Pipe for Gate Door (A)	Frame/Line Posts (N)			Brace Posts (E)	Vertical Center Bar (D)	Horizontal Center Bar (C)	Vertical Pipe for Gate Door (B)	Horizontal Pipe for Gate Door (A)	Frame/Line Posts (N)		
2	4	2													
15/8" x 96"		10	4	4	4	Qty		2	4	2	4	4	4	Qty	
x 96"	13/8"×14 1/8"	1 3/8" x 41.5"	4 13/8" x 32"	4 1 3/8" x 42.5"	4 15/8" x 48"	Qty Pipe Measurement	3'H x 8' W		4 13/8" x 20 1/8"	2 1 3/8" x 41.5"	4 13/8" x 44"	4 1 3/8" x 42.5"	4 15/8" x 60"	Qty Pipe Measurement	Pipe Par
x 96" DE8358- 096	13/8" x 14 DE9553- 1/8" 014125							15/8"×96"							Pipe Part List f
		1 3/8" x 41.5"	13/8" ×32"	1 3/8" x 42.5"	15/8" x 48"	Pipe Measurement		15/8"×96"	1 3/8" x 20 1/8"	1 3/8" x 41.5"	13/8" x 44"	1 3/8" x 42.5"	15/8" x 60"	Pipe Measurement	Pipe Part List for 4' D
DE8358- 096	DE9553- 014125	1 3/8" x 41.5" DE9553- 0425	13/8" x 32" DE8352- 032	1 3/8" x 42.5" DE9553- 0425	15/8" x 48" DE8358- 048	Pipe SKU Measurement		15/8"×96"	13/8" x 20 DE9553- 1/8" 020125	1 3/8" x 41.5" DE9553- 0425	13/8" x 44" DE8352- 044	1 3/8" x 42.5" DE9553- 0425	15/8" x 60" DE8358- 060	Pipe SKU Measurement	Pipe Part List for 4' Dog Dual
DE8358- 096 2	DE9553- 014125 4	1 3/8" x 41.5" DE9553- 0425 2	1 3/8" x 32" DE8352- 032 4	13/8"×42.5" DE9553- 4	15/8" x 48" DE8358- 4 048	Pipe SKU Qty Measurement		15/8"×96"	13/8" × 20 DE9553- 1/8" 020125 4	1 3/8" x 41.5" DE9553- 0425 2	13/8" x 44" DE8352- 4	13/8" x 42.5" DE9553- 4	15/8" x 60" DE8358- 4	Pipe SKU Qty	Pipe Part List for 4' Dog Dual Drivew
DE8358- 096 2 15/8"×96"	DE9553- 014125 4 13/8" x 14 1/8"	13/8" x 41.5" DE9553- 0425 2 13/8" x 53.5"	13/8" x 32" DE8352- 4 13/8" x 32"	13/8" x 42.5" DE9553- 4 13/8" x 54.5"	15/8" x 48" DE8358- 4 15/8" x 48"	Pipe Pipe Octy Pipe Measurement Octy Measurement		15/8"×96"	13/8" x 20 DE9553- 1/8" 020125 4 13/8" x 20	1 3/8" x 41.5" DE9553- 0425 2 1 3/8" x 53.5"	13/8" x 44" DE8352- 4 13/8" x 44"	13/8" x 42.5" DE9553- 4 13/8" x 54.5"	15/8" x 60" DE8358- 4 15/8" x 60"	Pipe Pipe Oty Pipe Measurement SKU Oty Measurement	Pipe Part List for 4' Dog Dual Driveway Ga
DE8358- 2 15/8" x 96" DE8358- 096	DE9553- 014125 4 13/8" x 14 DE9553- 1/8" 014125	13/8" x 41.5" DE9553- 0425 2 13/8" x 53.5" DE9553- 0535	13/8" x 32" DE8352- 032 4 13/8" x 32" DE8352-	13/8" x 42.5" DE9553- 4 13/8" x 54.5" DE9553-	15/8" x 48" DE8358- 4 15/8" x 48" DE8358- 048	Pipe SKU Qty Pipe SKU Measurement		15/8"×96"	13/8" x 20 DE9553- 1/8" 020125 4 13/8" x 20 DE9553- 1/8" 020125	1 3/8" x 41.5" DE9553- 0425 2 1 3/8" x 53.5" DE9553- 0535	13/8" x 44" DE8352- 044 13/8" x 44" DE8352-	13/8" x 42.5" DE9553- 4 13/8" x 54.5" DE9553-	15/8" x 60" DE8358- 4 15/8" x 60" DE8358- 060	Pipe Pipe Pipe SKU Qty Measurement SKU	rt List for 4' D

## Dog Fence Top Rail Dual Leaf Driveway Gate Installation Instructions

1. Layout two (2) GROUND

SLEEVE (P) where you would like your driveway gate to go on your fence line. Using the table below, measure out your gate distance between your post going from the INSIDE edge of one GROUND SLEEVE (P) to the INSIDE edge of the opposite GROUND SLEEVE (P).

Note: It is EXTREMELY important to double check the measurement between the SLEEVES (P) before proceeding with the next step as it can be difficult to remove the sleeves once in the ground.

Gate Width	Distance between
	posts – INSIDE
	EDGE TO INSIDE
	EDGE
8' Gate	96"
10' Gate	120"
12' Gate	144"

12' Gate 144"

2. Using a DRIVE CAP (Sold Seperately; SKU: DE2812) and a sledgehammer, drive the GROUND SLEEVES (P) into the ground where previously measured, leaving ½" above ground to keep out debris and allow for securing

sleeves are as straight as possible.

Note: On hard ground it may be

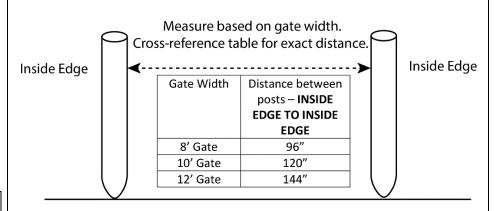
the post. Care should be taken to ensure that the

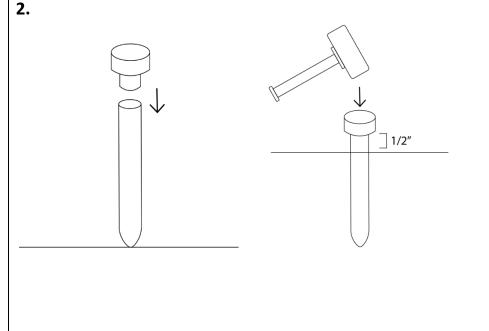
necessary to use an EARTH AUGER (Sold Separately; SKU: DE8189) or DIGGING BAR to

make a hole before driving the

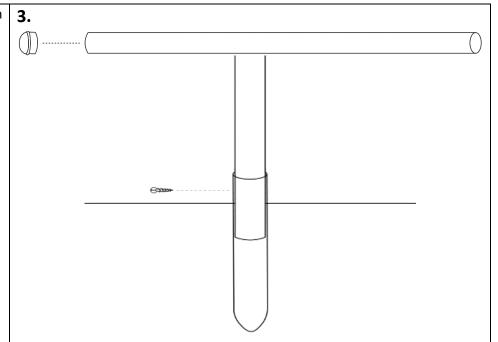
ground sleeves in.

1.





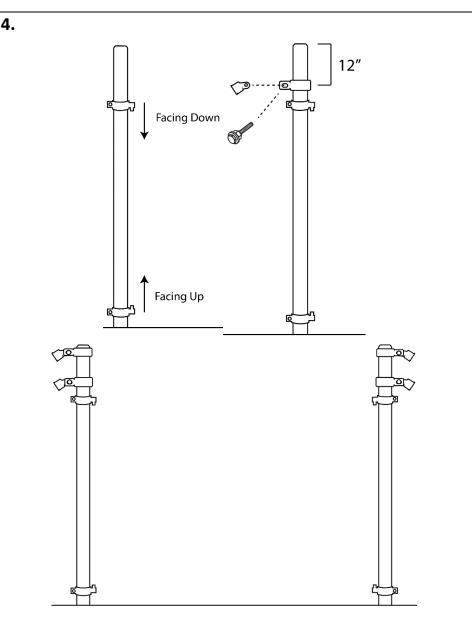
3. Insert the DOME CAPS (N) on the top of each FRAME POST (N) before sliding into the GROUND SLEEVES (P). Lock posts into place by screwing through the sleeve and into the post using a SELF-TAPPING SCREW (J).



4. Slip two (2) MALE HINGES (F) over the FRAME POST (N). The first, bottom MALE HINGE (F) should face UP and the second, top MALE HINGE (F) should face **DOWN**. Secure both **MALE HINGES (F)** loosely on the post using CARRIAGE BOLT (K3). Next, slip BRACE BAND (A) and BRACE CUP (B) over the FRAME POST (N) and position them approximately 12" from the top of the FRAME POST (N) using CARRIAGE BOLT (K1). When attaching the BRACE CUP (B) to the BRACE BAND (A), position the cup so that the BRACE POST (E) will be on the **INSIDE** of the fence line. Do not fully tighten the bolt holding the **BRACE BAND AND CUP**. Next, attach one (1) BRACE BAND (B) and BRACE CUP (A) and secure using CARRIAGE BOLT (K1) to the top of the END POST **(E).** This cup is used to terminate top rails at the gate. See TOP RAIL **INSTRUCTIONS** for more details. Repeat this step for

your second FRAME POST

(N).



5. After the band is installed, place your **BRACE POST (E)** into the **BRACE CUP (B)** in line with the fence line. Use the table below to measure out from the post where to place your ground sleeve.

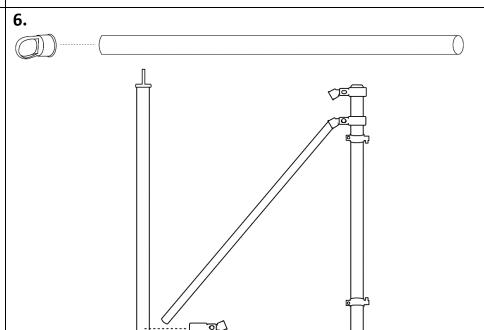
5.

Fence	Distance from
Height	Post
3'	95"
4'	91"
5'	85.5"
6'	77.5"

Note: The measurement to determine where the ground sleeve needs to go is an estimate. Measurement may change based off uneven terrain and final layout. Dry fit all parts together from STEPS 4-7 before finalizing ground sleeve placement.

Place Ground Sleeve

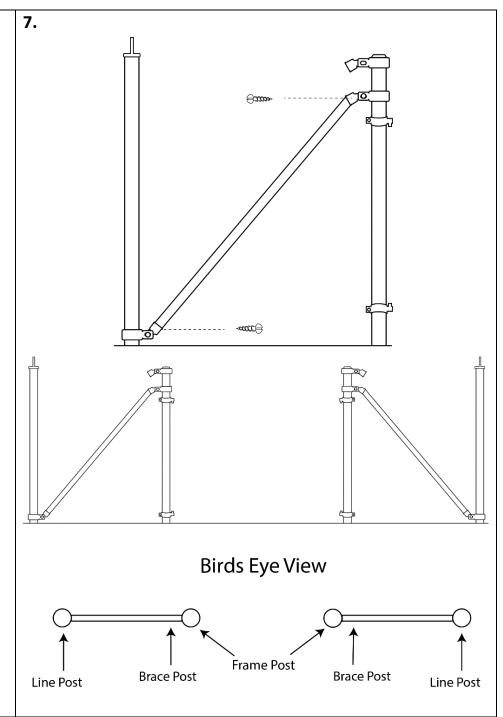
6. Once the GROUND SLEEVE
(P) is in place, insert the
LOOP CAPS (Q) onto the LINE
POSTS (N) and, see STEP 3
for inserting the LINE POST
(N) into the GROUND SLEEVE
(P). Attach a BRACE BAND
(A) and BRACE CUP (B), see
STEP 4, to the BOTTOM of
the LINE POST (N) using
CARRIAGE BOLT (K1).



7. Insert the BRACE POST (E) into the bottom BRACE CUP (B) of the LINE POST (N).

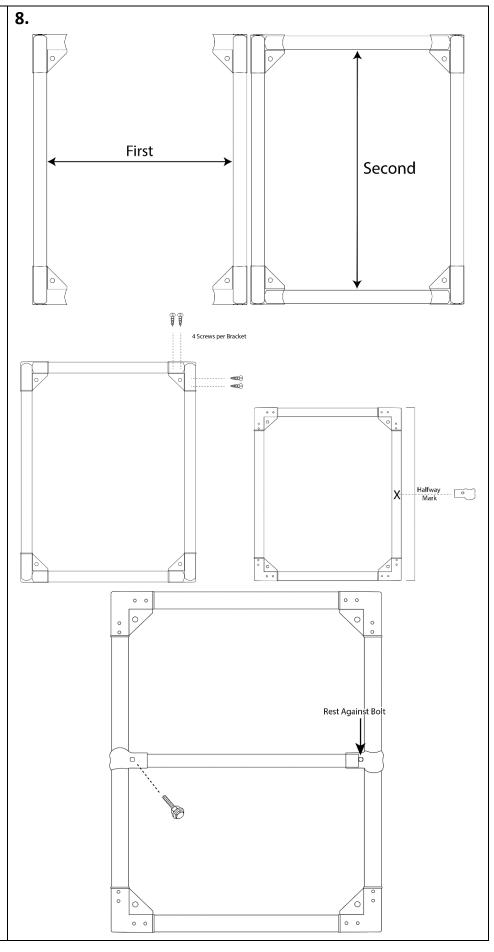
Secure the BRACE POST (E) by drilling a SELF-TAPPING SCREW (J) through both BRACE CUPS (B) and BRACE POST (E). Once secured, tighten the CARRIAGE BOLT (K1) on both BRACE BANDS (A). Repeat steps 5-6 for second BRACE POST (E) and LINE POST (N).

**Note**: Based on the height of your system, you will have to adjust the bottom **BRACE BAND AND CUP** to account for the angle of the **BRACE POST (E)**.



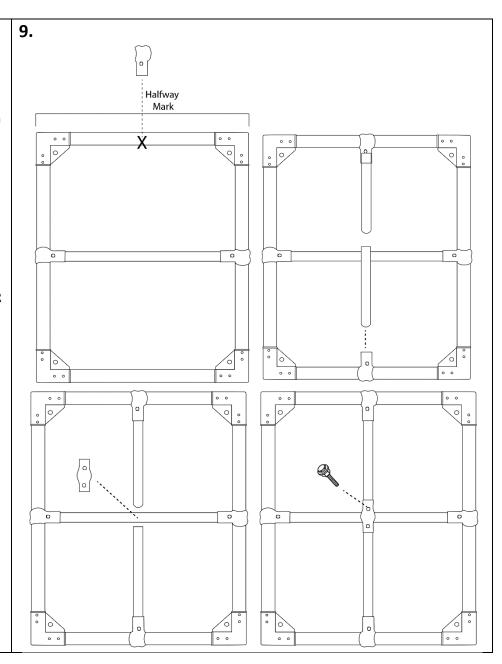
8. Insert VERTICAL GATE DOOR POST (A) into CORNER **ELBOW (C).** Then slide in the **HORIZONTAL GATE DOOR** POST (B) into the CORNER **ELBOW (C)** so that it presses tightly against the VERTICAL POST (A). Secure the POSTS inside the **CORNER ELBOWS** (C) using four (4) SELF-TAPPING SCREWS (J) per bracket. Locate the center of the **VERTICAL GATE DOOR** POST (A) and mark this location; this is where **HORIZONTAL CENTER BAR** (C) will be attached. Attach the **HORIZONTAL CENTER** BAR (C) on both sides of the **VERTICAL GATE DOOR** POSTS (A) with two (2) END CLAMPS (D). Secure the END CLAMPS (D) with a **CARRIAGE BOLT (K2).** 

Note: The CARRIAGE BOLT (K2) that secures the HORIZONTAL CENTER BAR (C) DOES NOT go through the bar itself. The HORIZONTAL CENTER BAR (C) rests against the CARRIAGE BOLT (K2) and secures the two pieces of the END CLAMP (D).



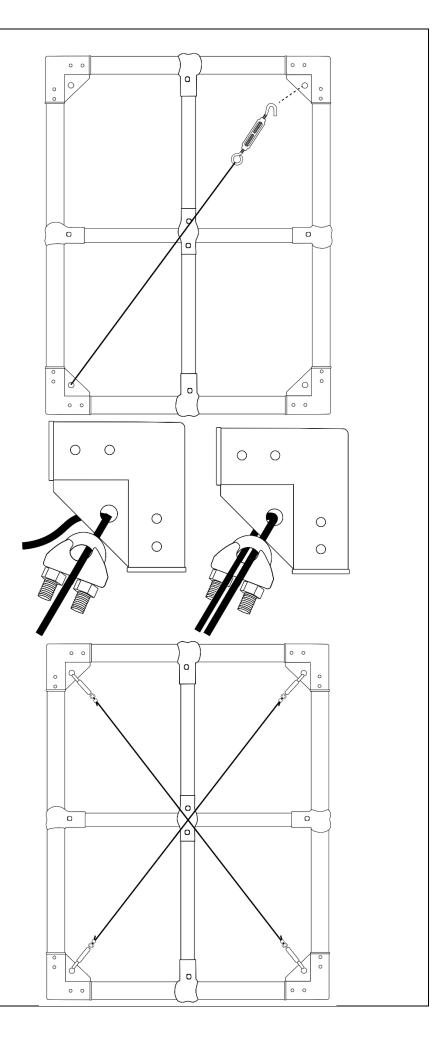
9. Locate the center of **HORIZONTAL GATE DOOR** POST (B) and mark this location, this is where the **VERITCAL CENTER BARS (D)** will be attached. First, attach the remaining **END CLAMPS** (D) on the HORIZONTAL GATE DOOR POST (B) and secure with CARRIAGE BOLTS (K2). Then, Insert the **VERTICAL CENTER BARS (D)** into the END CLAMPS (D), resting the bar against the **CARRIAGE BOLT (K)**. Finally, attach the **VERTICAL CENTER** BARS (D) onto the **HORIZONTAL CENTER BAR** (C) using the CENTER **SUPPORT CLAMP (M)** and secure the **SUPPORT CLAMP** (M) with CARRIAGE BOLTS (K2).

Note: The **CENTER CLAMP (M)** is placed **VERTICALLY** on the **HORIZONTAL CENTER BAR (C)**. Do not tighten bolts until everything is loosely assembled.



10. Open the TURNBUCKLE (E) by twisting both ends. Place the hook end of one TURNBUCKLE (E) through the hole in one top **CORNER ELBOW (C)** and stretch the cable diagonally to the hole in the bottom **CORNER** ELBOW (C). Pass the cable through the **CONNECTION** CLIP (I) and then through the hole in the **CORNER ELBOW (C)**. Pass the end of the cable through the **CONNECTION** CLIP (I) again. Position the **CONNECTION CLIP (I)** close to the CORNER ELBOW (C) and tighten using the small nuts. Repeat on the opposite side creating an "X" across the gate. Evenly tighten the TURNBUCKLES (E) on each side to keep the gate square.

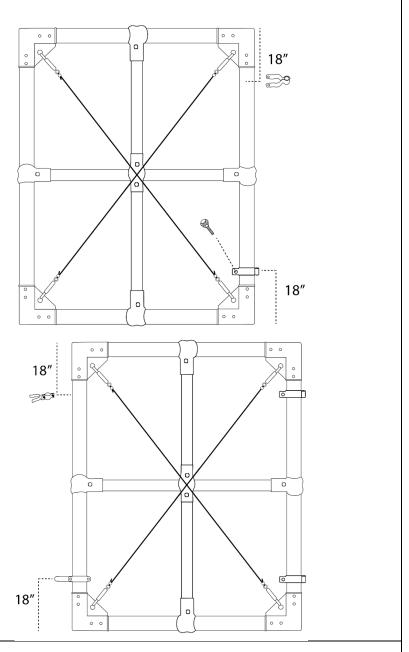
10.



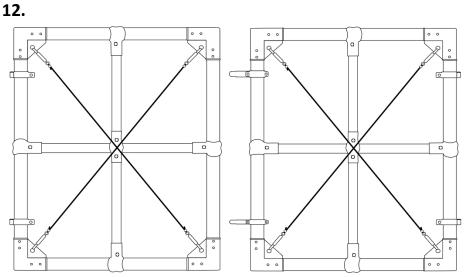
11. On one side of the newly assembled gate door, measure 18" from the TOP and 18" from the BOTTOM of the door. Attach the FEMALE HINGES (G) at these marked points USING CARRIAGE BOLT (K3). On the opposite side of the gate door, attach the FORK LATCHES (H) at the same height as the FEMALE HINGES (G); 18" from the TOP and 18" from the BOTTOM.

**Note:** Only one gate door will have the **FORK LATCHES (H).** 

11.

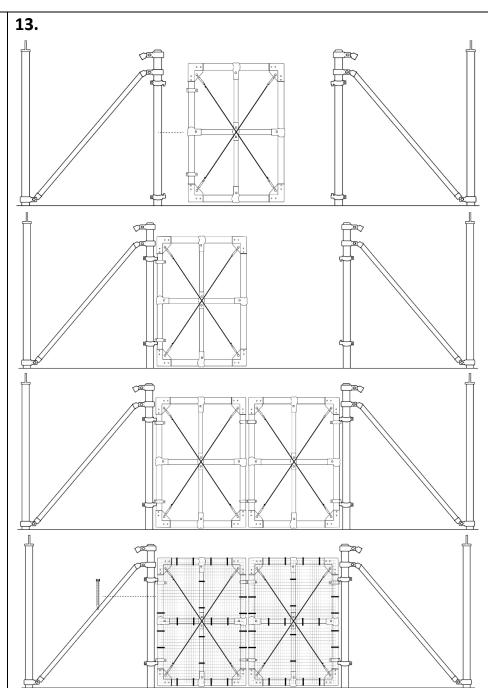


12. Repeat **STEPS 8-11** to build the **SECOND GATE DOOR.** 



13. Position one GATE DOOR on the **INSIDE** of the **FRAME** POSTS (N) at the desired height, then slide the MALE HINGES (F) into the FEMALE HINGES (G) to attach the gate door. Once positioned, you can tighten the **BOLTS** (K3) of the MALE HINGES (F). Repeat with the second **GATE DOOR**. Then, cover the entire GATE DOOR with your fence mesh (NOT INCLUDED) so the mesh faces the outside edge of the fence line. Fasten the mesh to the **GATE DOOR** using **SELF-**LOCKING TIES (O). Trim excess material as needed.

Note: We recommend attaching the mesh from left to right before attaching top and bottom. You do not need a tie for every square on the mesh. We recommend 1 tie for every 1' along the pipes of the gate door.



14. Attach the FEMALE HINGES that comes with the DROP ROD ASSEMBLY KIT (L) on the gate door WITHOUT the gate latches. One of the FEMALE HINGES goes at the bottom of the door and the second approximately 12" from the bottom. Drive the DROP ROD RECEPTACLE (L) into the ground beneath the hinges until flush with the ground. Insert the DROP ROD (L) through the FEMALE HINGES and into the RECEPTACLE (L).

