

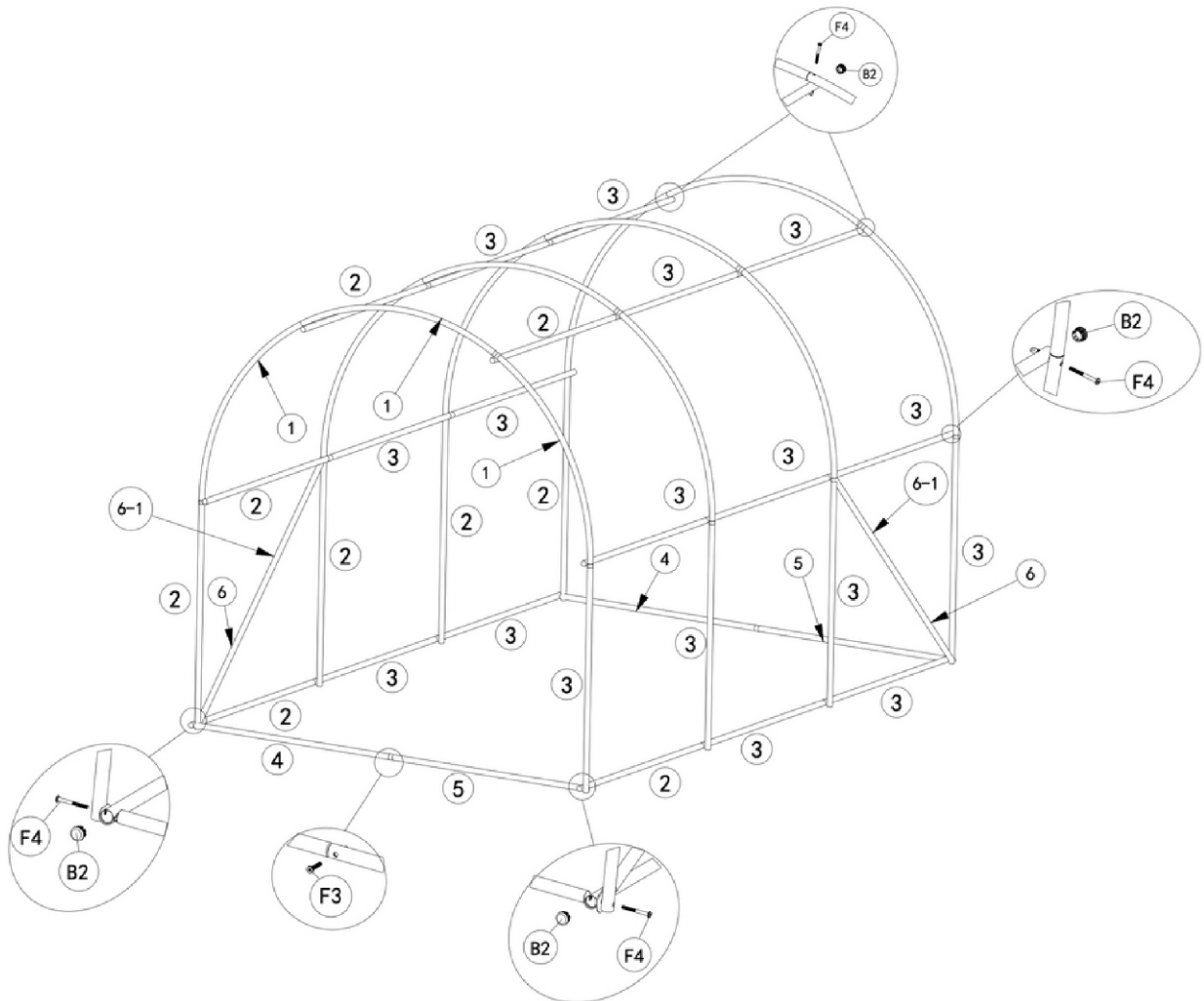


Assembly Manual

Tunnel Greenhouse 3mx2m

3m x 2m Tunnelhouse

You'll receive one (1) box for this model. Please pay particular attention to making sure all parts are numbered and graphically indexed as shown on the **Parts List**, and so does the quantity for each part.



Assembly Notes:

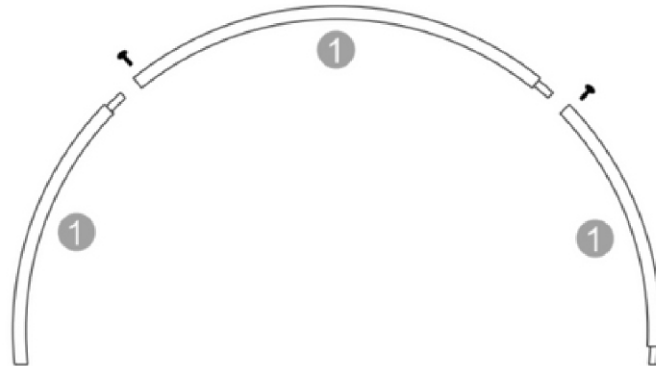
- Before the assembly, please check to make sure that you have all the parts listed on the **Parts List**.
- For easier assembly, we recommend you have 2-3 adults to help hold up the structure.
- For your safety, please wear the gloves provided in the box.
- For all the bolts in the bag, the shorter (30mm) are used for the assembly of the poles (#4 & #5), and (#6 & #6-1). The longer (60mm) ones apply to all other joints.

Parts List

Part	Diagram	Description	Quantity
#1		Arch Pole	12
#2		Pole with 2 Female Ends	10
#3		Pole with Male & Female Ends	16
#4		Floor Pole with 1 Male End	2
#5		Floor Pole with 1 Female End	2
#6		Long Diagonal Pole	2
#6-1		Short Diagonal Pole	2
#9		Tunnel Cover	1
F3 F4		Screw Kit	1
#11		Tool Kit	1
#12		Ground Stake	4
D1		Screw Cap	28
B2		Pole Plug	12
#16		Tie Rope	4

Step 1

Assemble 4 x curved supports using (Part #1) with the **longer bolts**
(Insert for preliminary fixing only, and tighten later)



Step 2

Assemble 2 x floor supports using (Part #4) and (Part #5) with the **Shorter Bolts**.



Step 3

Assemble 2 x cross supports using (Part #6) and (Part #6-1) with the **Shorter Bolts**.



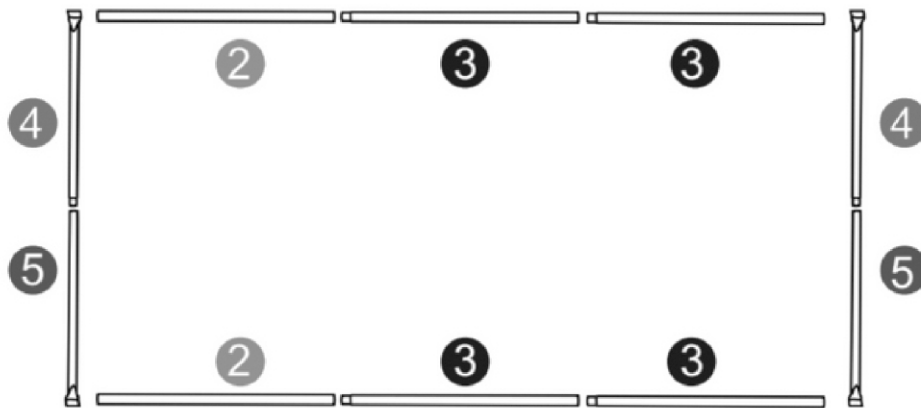
Step 4

Assemble 2 x horizontal supports using (Part #2) and (Part #3) with the **Longer Bolts**.



Step 5

Lay the bottom of the frame as shown below. You will use the following poles as assembled in the previous steps.

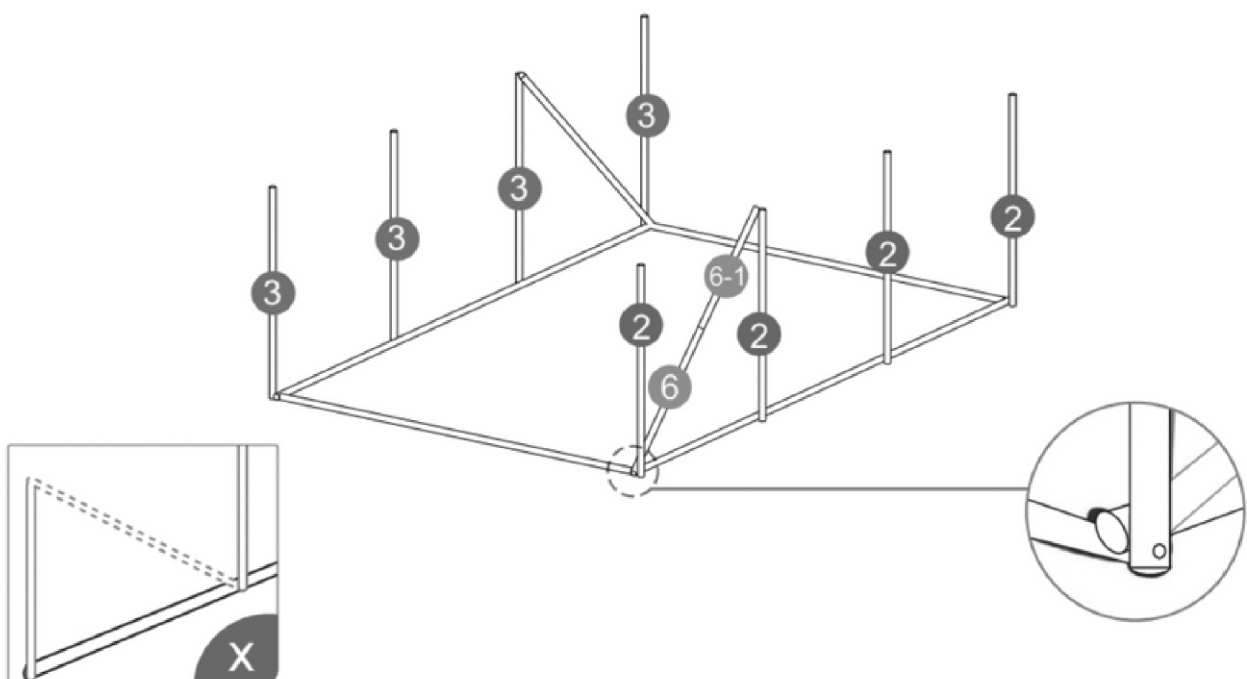


Reminder: You are **NOT** required to tighten all the bolts in this step

Step 6

Assemble additional (Part #2) and (Part #3) vertically on each side of the base frame. Please ensure that all 4 x poles (**Part #3**) are installed on the same side, and all 4 x poles (**Part #2**) are on the other side.

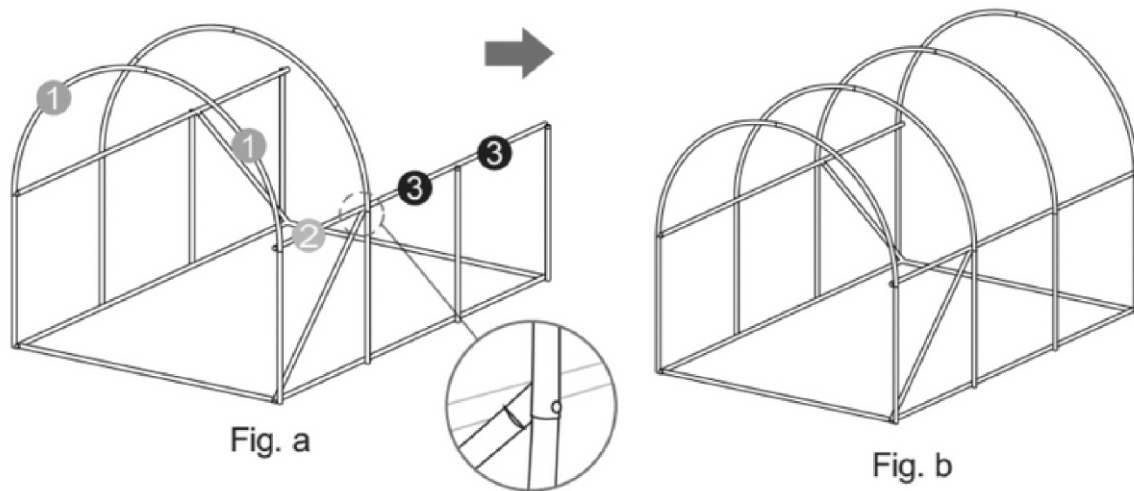
Additionally, assemble (Part #6) and (Part #6-1) diagonally in each corner. Please ensure the angle position is the same as shown below.



Step 7

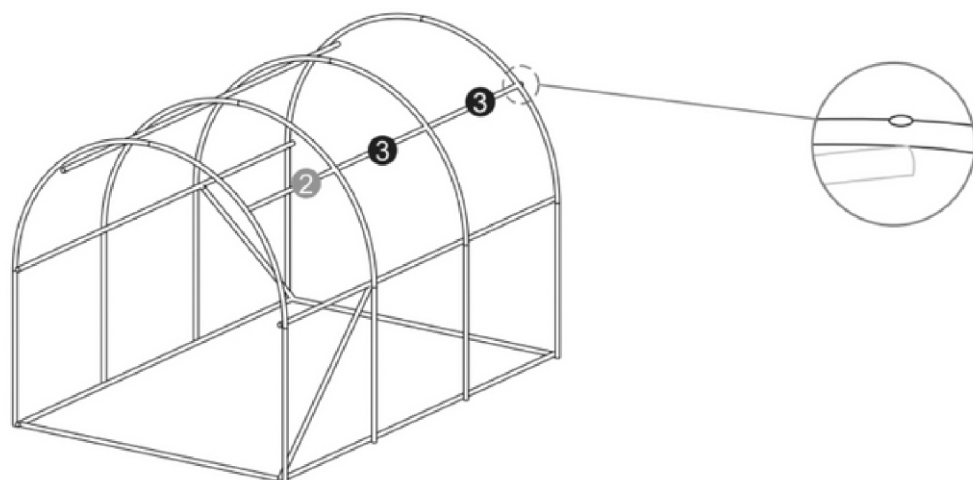
To keep balance, please firstly finish assembling the first two layers of the top tunnel (from the opening door end). Take the following for an example, you should assemble the poles 1 x (Part #2) and 2 x (Part #3) at both sides, then add 2 x curved supports (Part #1), see Fig.a.

Then move to the next layers with the curved supports at the top until you finish forming the tunnel (Fig.b).



Step 8

Reinforce the tunnel using the last 2 x (Part #2) and 4 x (Part #3) as shown below.



Reminder:

To better protect the cover, please make sure all ends of the poles are on the inside of the curved supports (Part #1)

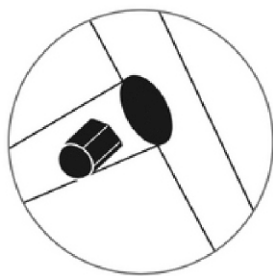
Step 9

Please now tighten all nuts and bolts throughout the tunnelhouse.

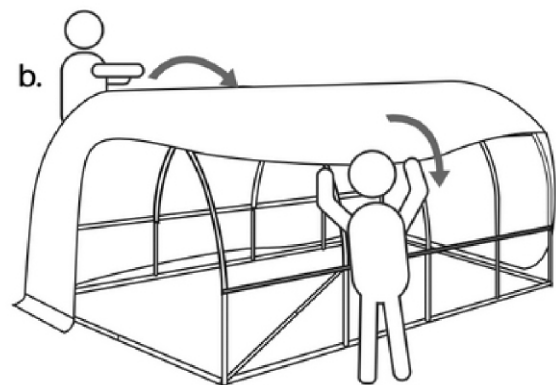
a) Equip all of the poles with pole plugs and screw caps using (Part D1) and (Part B2).

b) Unzip the cover, raise it over the frame into place and fix it to the poles with the built-in velcro straps.

a.



b.



Step 10

Secure the structure to the ground by using the ground stakes (Part #12), and tie ropes (Part #16). Weigh down the structure by using bricks or sand bags for example.

Alternatively, we **recommend** using a timber frame (not included) to anchor your tunnelhouse for a permanent fix. This will ensure a sturdy structure against high winds.



Metal Group