

Harrier Walk-In Fruit & Veg Garden Cage Assembly Instructions

NET WORLD SPORTS»

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Introduction

Before assembling this product, we strongly recommend you familiarise yourself with the instructions and take time to check that all parts are present and undamaged. Make sure you have the correct tools to build your fruit cage.

These instructions show how to build a 4m x 4m walk-in fruit and veg cage. This is for example purposes only and might not match the size you have ordered. However, the cage is modular and uses the same universal components, so the principle of building your cage is exactly same (whatever size you order).



General

- To be installed by adults only, keep children and pets away from the cage when installing.
- Identify a safe, legal and suitable area for the cage to be installed, make sure the area is free from underground cables and pipes.
- Keep the working area free of tools and parts and other obstructions/trip hazards.
- Take care when carrying and using tools (especially scissors).
- For heavy items or working at a height always use a sufficient amount of people.

Tools Required

- Tape measure, string line or line marking paint, spirit level, mallet, adjustable spanner, step ladder and scissors.

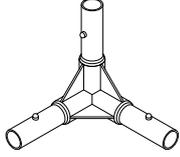
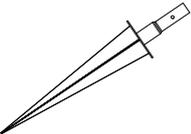
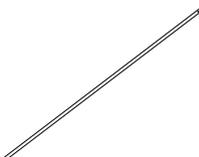
Step Ladder

- We recommend using a step ladder when working at heights.
- Ladders should be placed on a firm and level surface.
- Always use stabilisers, or get someone to stand at the bottom of the ladder.
- Make sure you are well balanced from start to finish of an operation.
- Never overreach when working on a ladder or steps.
- Always reposition a ladder to avoid the risk of overbalancing.

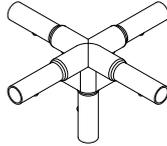
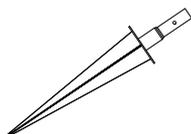
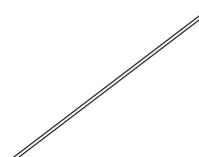
Assembly must be carried out by a sufficient amount of people using due diligence and risk assessment. Never try to assemble large or heavy products with insufficient personnel.

Parts List

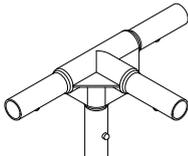
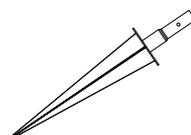
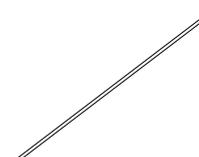
Master Kit

Name	Part	QTY
3 Way Connector		x4
Ground Spike		x4
Ground Peg		x16
Tube		x8

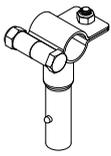
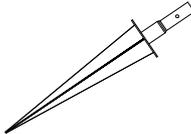
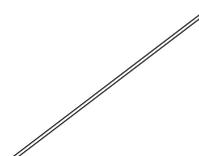
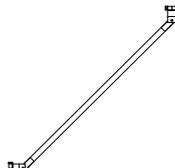
Corner Extender Kit

Name	Part	QTY
5 Way Connector		x1
Ground Spike		x1
Ground Peg		x8
Tube		x3

Extender Kit

Name	Part	QTY
4 Way Connector		x2
Ground Spike		x2
Ground Peg		x12
Tube		x5

Door Kit

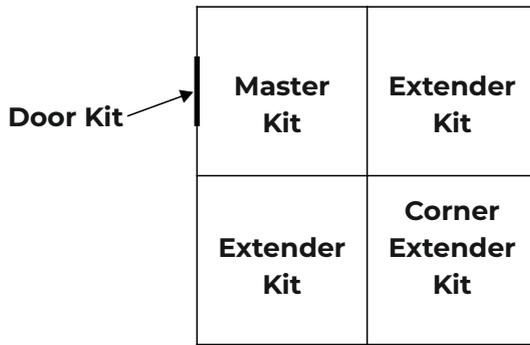
Name	Part	QTY
Clamp Connector		x2
Ground Spike		x2
Tube		x2
Support Bar		x2
Door		x1

Installation Guide

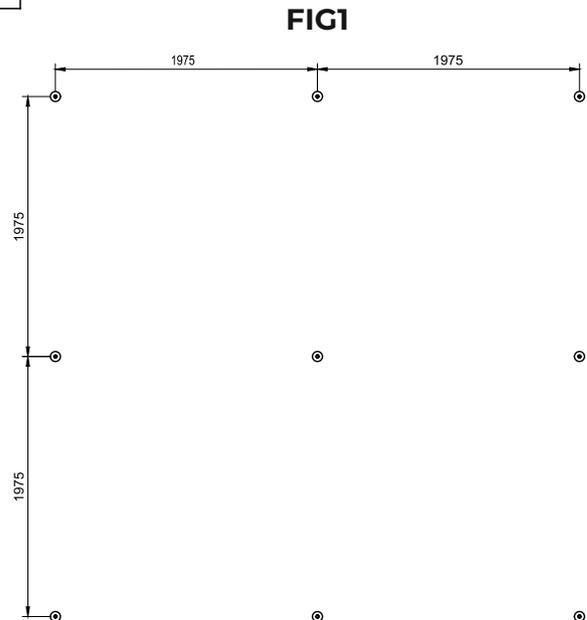
Setting Out Fruit Cage Position

When choosing a location for your fruit cage make sure the ground is flat, try to ensure that you have roughly 1 meter of work space surrounding the site. Try to avoid rocky ground and areas close to trees or bushes as roots can get in the way when installing ground spikes. The uprights of your fruit cage should always be positioned vertically.

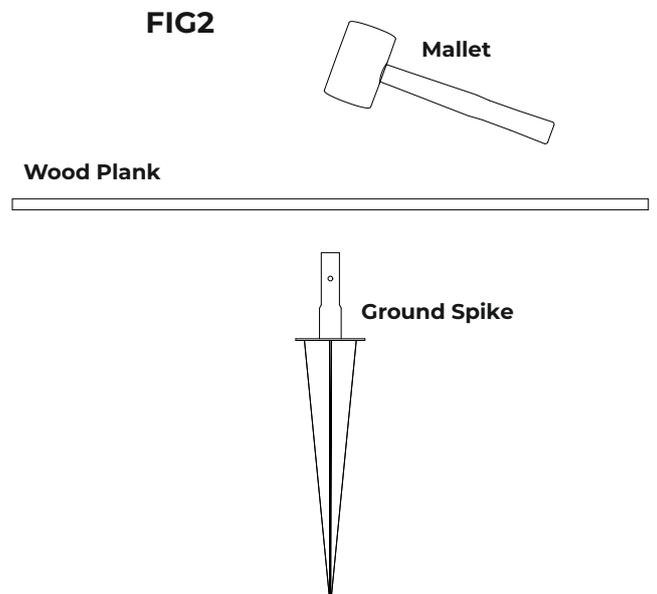
Parts Required:



It is important to set the correct positioning for the fruit cage's ground spikes, make sure they are in line, spaced evenly and set at a consistent height. Take all measurements from the centre of these tubes. Mark out the length of your fruit cage (e.g. 3950mm) using the ground spikes as markers (**SEE FIG1**).



Insert the ground spikes into the marked position. If your ground is hard use a mallet to drive the spike into the ground, make sure you place a plank of wood over the socket this will protect the steel from the impact. Use a string line to make sure the ground spikes are positioned in a straight line and is square. We also recommended using a spirit level to ensure the ground spike tube is straight. (**SEE FIG2**)

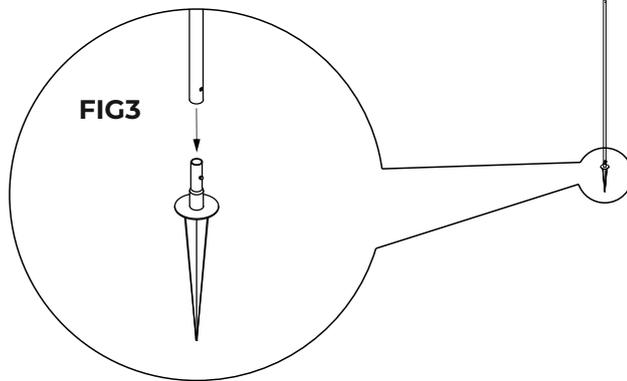


Installation Guide

Fruit Cage Assembly

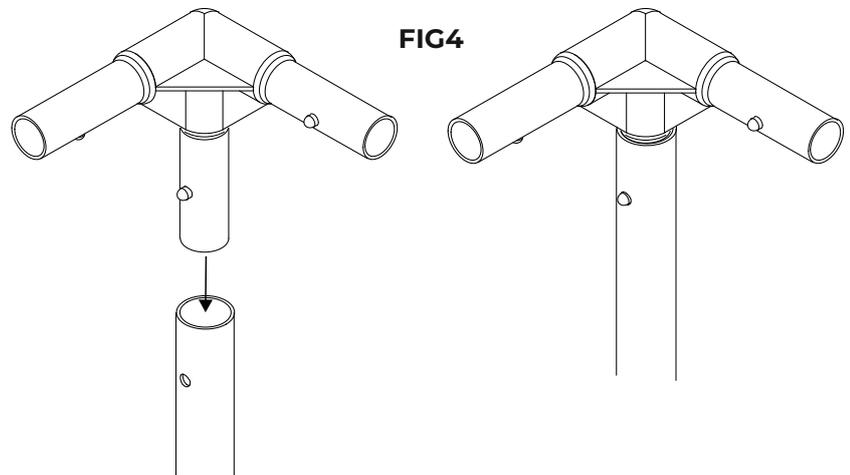
Starting at one corner, install the tubes into the ground spikes socket. Slot the tube over the swaged end of the ground spike and secure using push button. Check with a spirit level that the upright are straight

(SEE FIG3).



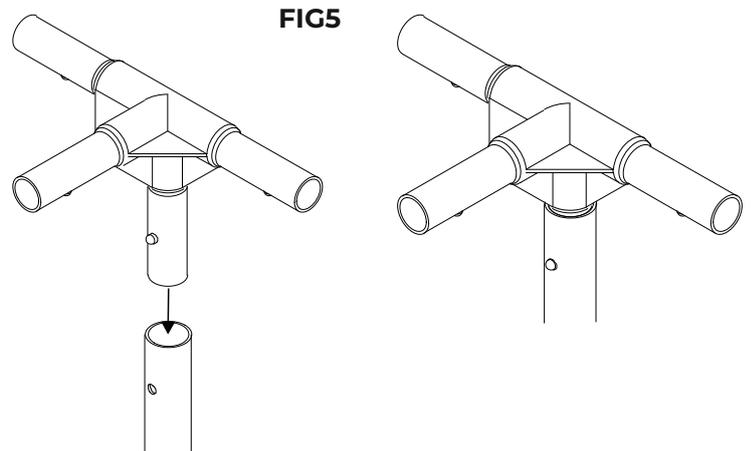
Attach a 3 way connector (from master kit) to a corner tube, make sure the push button on the connector locks into the tubes hole. Each tube is secured to a connector by a pushbutton fitting located on the connector.

(SEE FIG4)



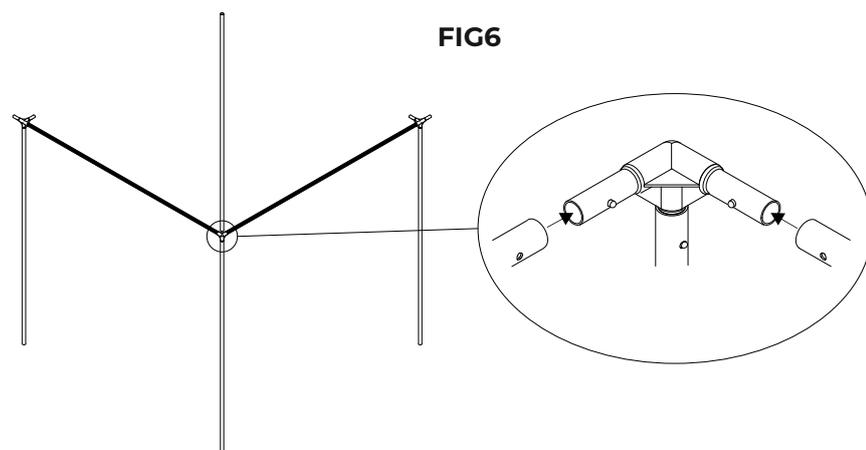
Attach a 4 way connector (from extender kit) onto the next post, make sure the push button is once again locked into the tubes hole. Repeat this step for the tube perpendicular to this one.

(SEE FIG5)



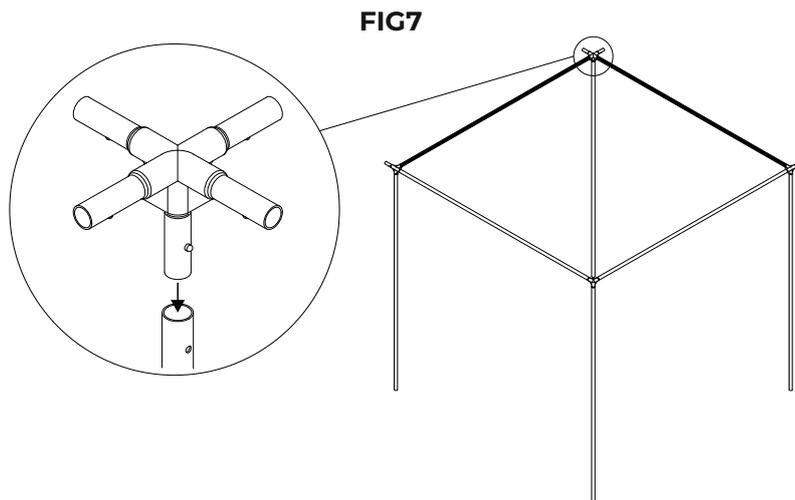
Secure the 3 way & 4 way connectors with a horizontal tube. Push the tube into the ends of both connectors making sure the push buttons lock into place.

(SEE FIG6)



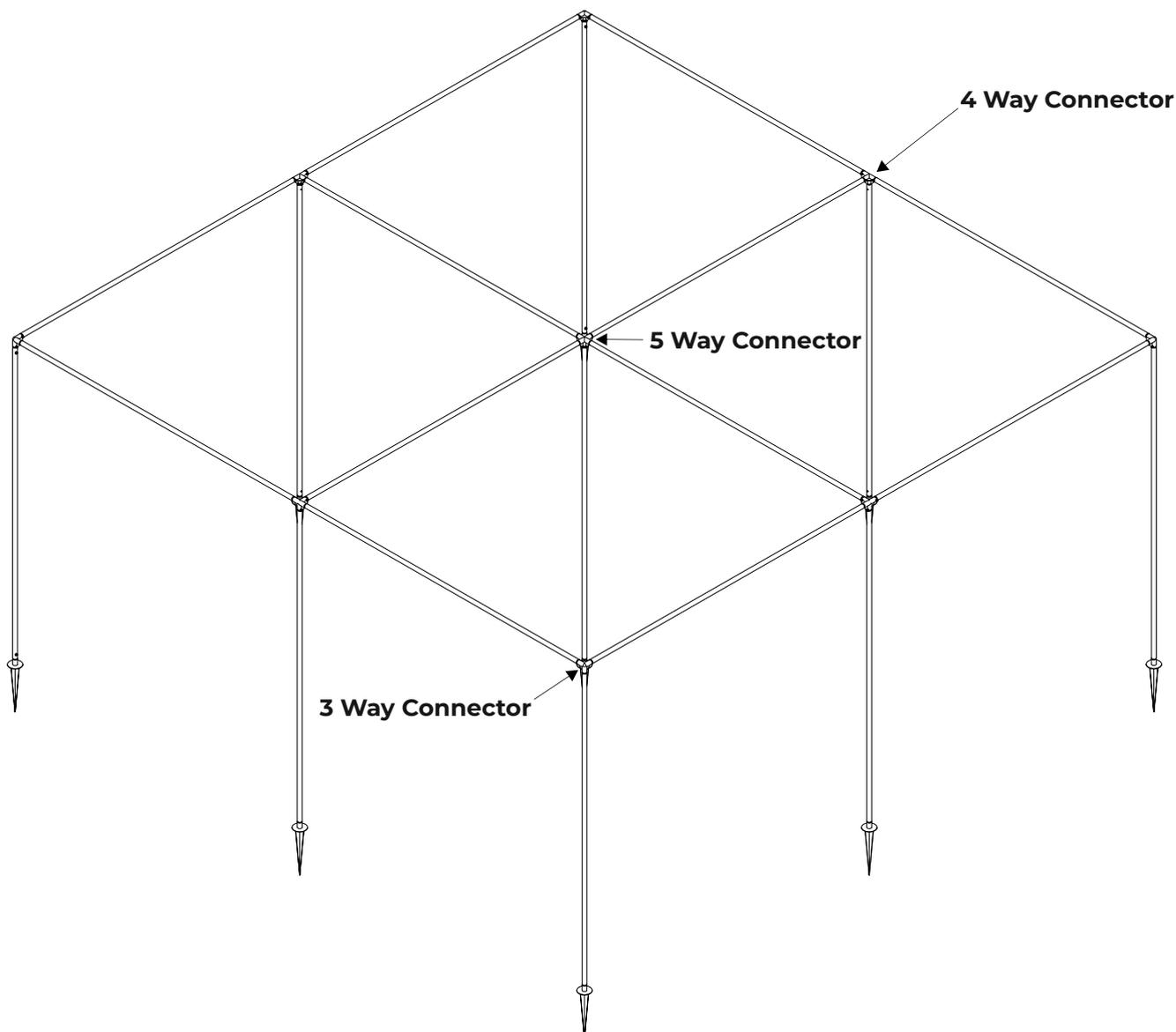
Installation Guide

Attach a 5 way connector (from corner extender kit) to the centre tube, once locked into place attach horizontal tube into 4 way connector then into 5 way connector. Repeat this step for the perpendicular tube from 5 way connector. **(SEE FIG7)**



This completes the basic construction for the 1st bay of the fruit cage. For the rest of the construction follow these techniques until you have completed your framework to the required size and shape.

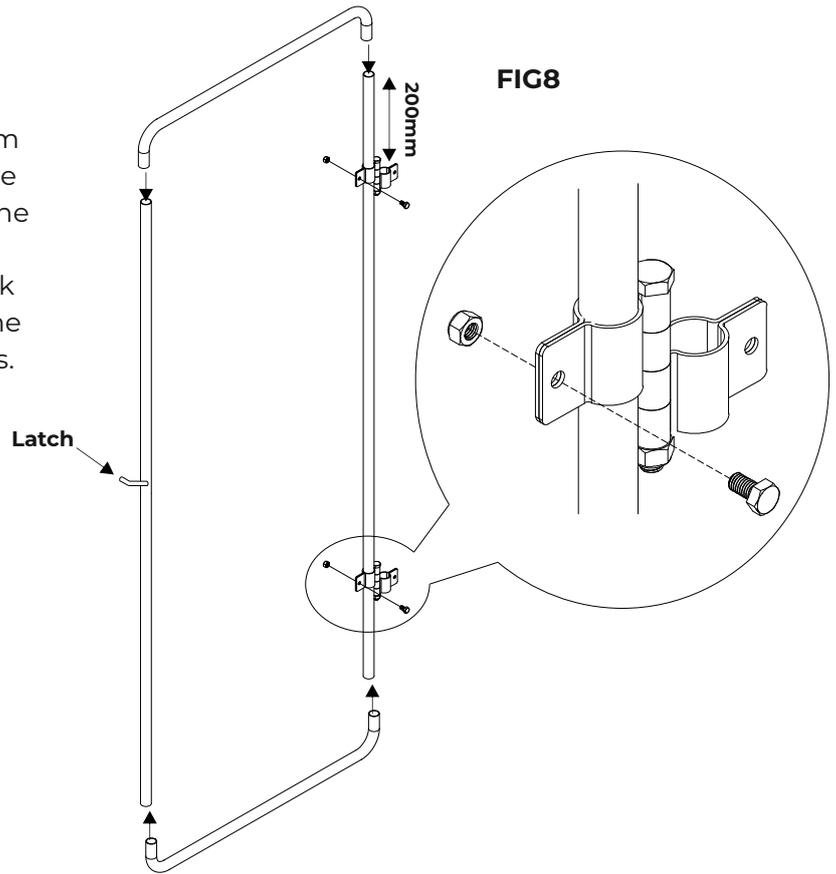
The below diagram shows a 4mx4m cage assembled.



Installation Guide

Door Assembly

Construct the doors on a hard, flat surface. Take a vertical door tube (without latch) and slide on two door hinges roughly 200mm from the tube ends. Bolt the hinges to secure them into place. Then assemble the rest of the door frame parts (**SEE FIG8**). The door frame parts will simply slot and lock into place. Make sure the push buttons on the top & bottom frame locks into the tube holes.

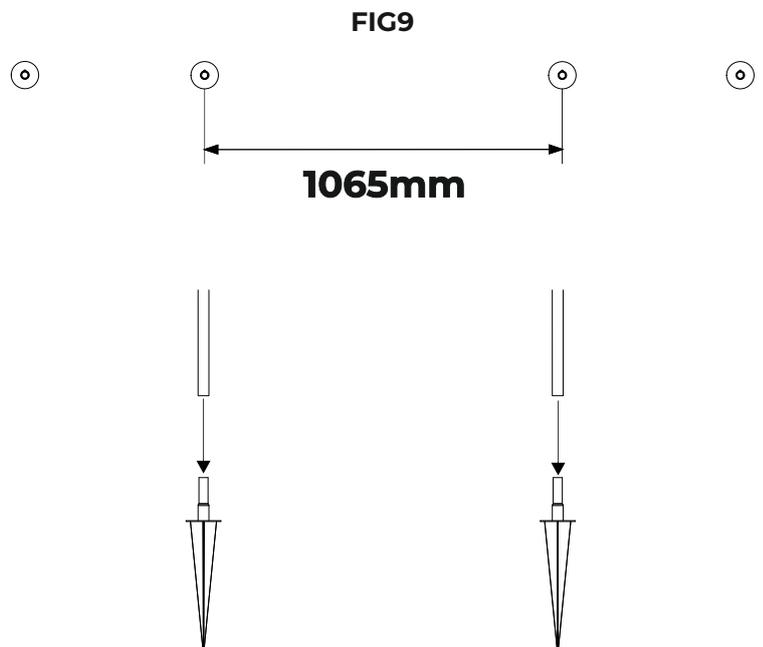


Door Installation

The door kit includes 2 qty x door upright tubes with fittings. This allows you to position the door in any location around the fruit cage.

Door Upright Position

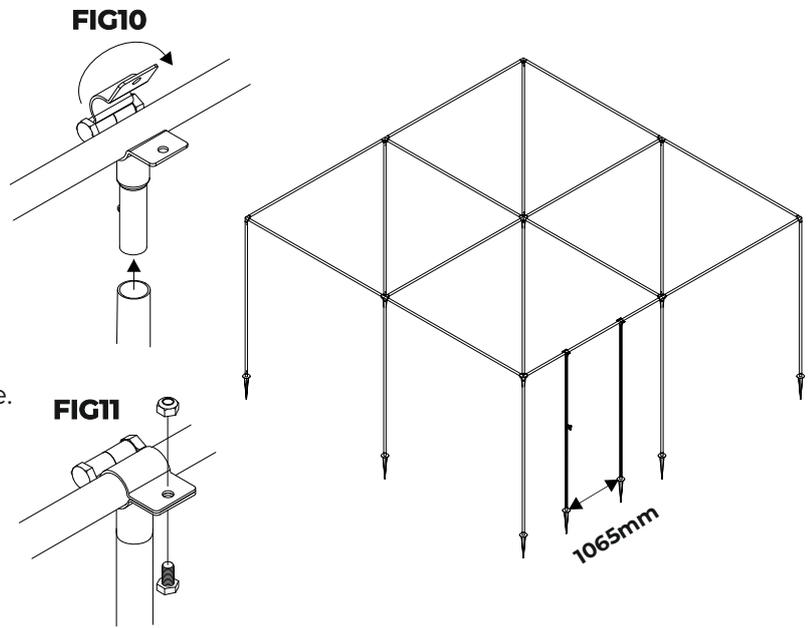
Choose a position on the cage where you would like the door to be installed. The ground spikes for the 2 qty x door upright tubes need to be set at 1065mm apart (from centre) into the ground. Once set in the ground, slot both door upright tubes into the ground spikes. Make sure the push buttons lock into tube holes (**SEE FIG9**).



Installation Guide

Securing door post uprights

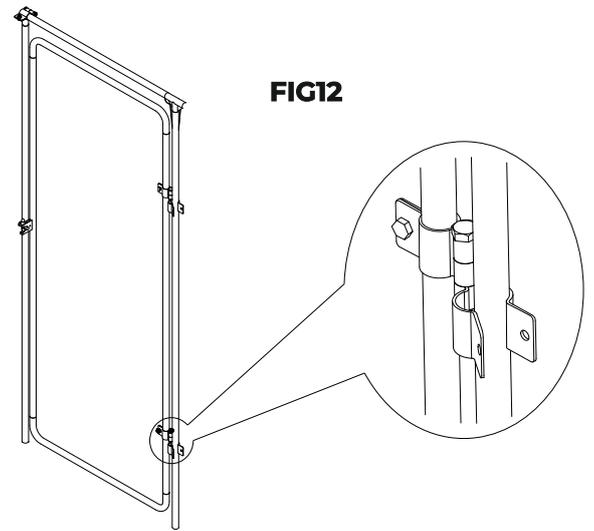
The door kit is supplied with 2 qty x hinged tube clamp connectors. Slot each connector into the 2 qty x door upright posts (**SEE FIG10**). Clamp each door upright tube onto the horizontal tube and secure with nut and bolt (**SEE FIG11**). Make sure that the door post is vertical and secure.



Door Installation

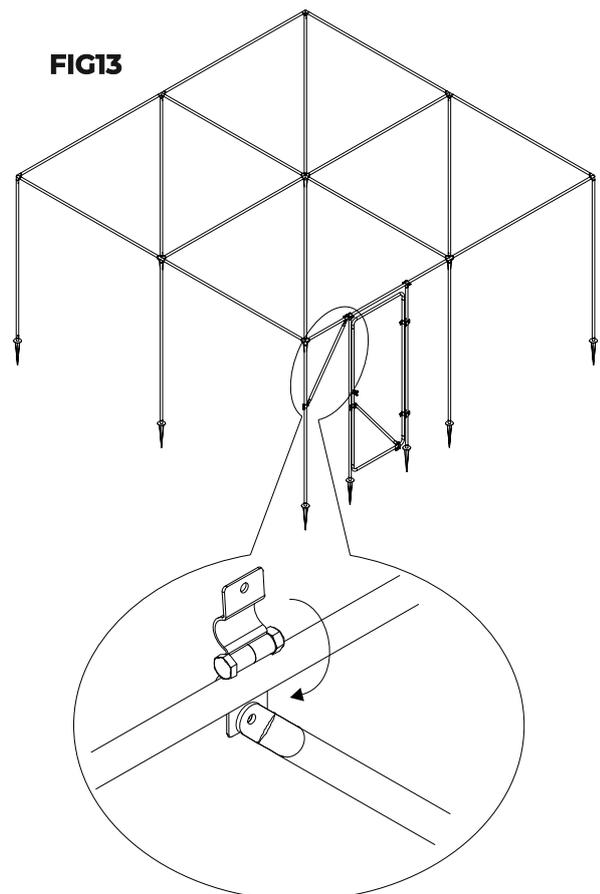
Fix the door assembly to the fruit cage framework by opening the hinge fittings and placing over tube, once you've placed the door in the desired position secure the hinge clamps with the provided nuts and bolts. (**SEE FIG12**)

Open and close the door to check the clearance of the door on the ground, if necessary adjust the door by releasing the bolts on the hinge clamp and sliding the door up or down until correct, re-tighten the bolts.



Support Bar

Doors can add extra weight to your cage therefore 2 support bars are included with every door kit, you can position these where desired to add rigidity to the cage, the diagram **FIG13** shows an example of how to position them but this will vary depending on your door position and cage setup.

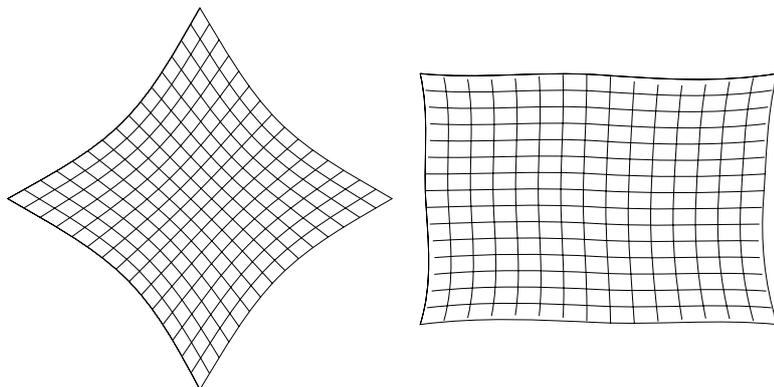


Installation Guide

Net Installation

The netting for your fruit cage will be delivered in multiple sections (side and roof panels). When delivered these will look irregular in shape (diamond shaped). For each panel you will need to stretch them out to a square shape.

Start off with the roof net panels, In this example (4m x 4m)

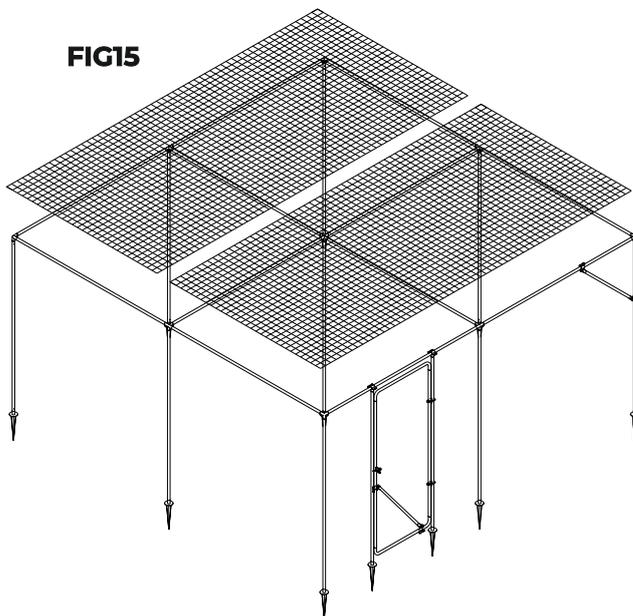


Roof Net

The roof net is supplied in X2 2m x 4m panels, attach each corner of the net to the corner connectors using cable ties. Once all four corners are cable tied work around the perimeter attaching the net to the frame using 3-4 cable ties per meter. If there are multiple panels repeat this step until the roof is covered.

(SEE FIG15)

FIG15

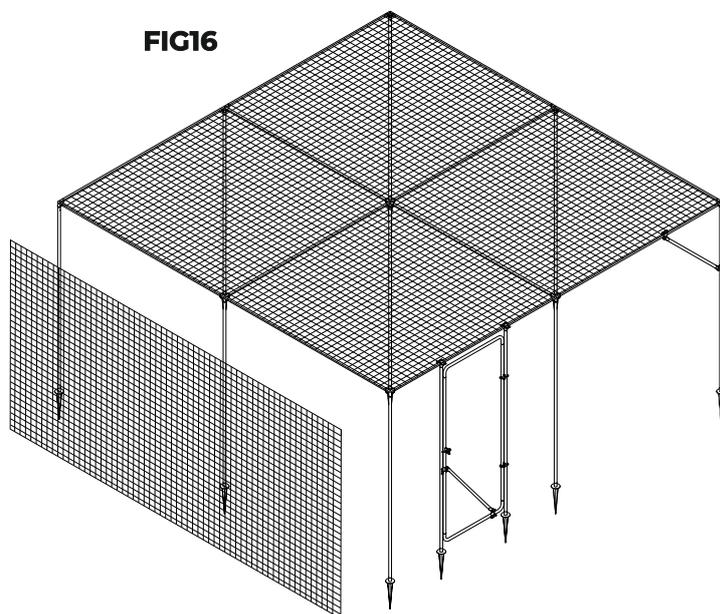


Side Net

The side nets are also supplied in panels. Attach these to the frame using the same method as the roof net, excluding the bottom edge which will be pegged into the ground.

(SEE FIG16)

FIG16

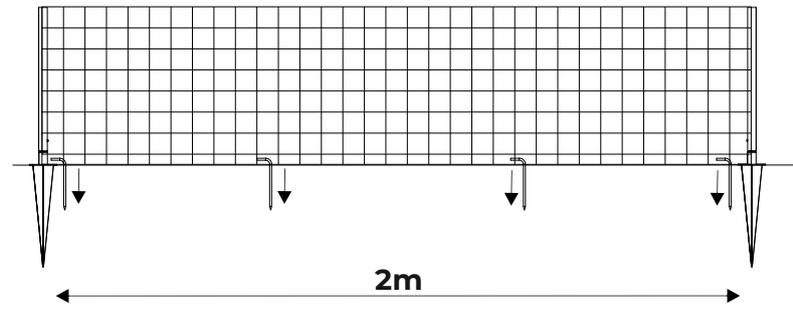


Ground Pegs

Pull down the netting until tight, and peg down using the ground pegs, we advise positioning approximately 4 pegs in every 2m bay.

(SEE FIG17)

FIG17

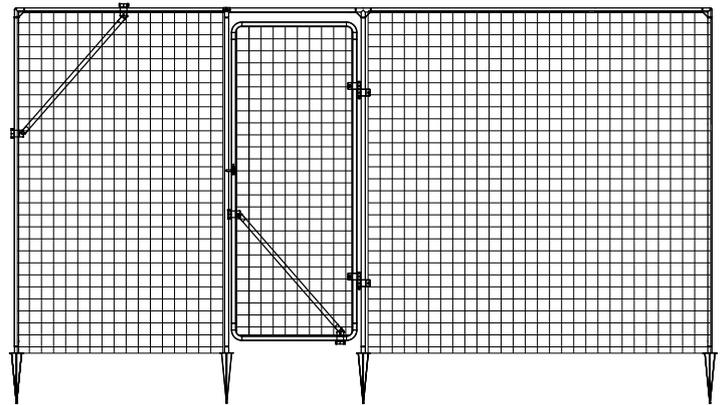


What to do in Door areas

The side netting will need to be cut down with scissors to allow space for the door(s). Each door is supplied with a net panel that simply cable ties to the door.

(SEE FIG 18)

FIG18



Maintenance advice

If you are not using the cage in the winter we recommend taking it down and store inside to prolong its life. If you are using the cage in the winter we suggest removing the roof netting to prevent damage to the framework caused by snowfall, or you may wish to replace the net with bigger mesh netting like 50mm/75mm/100mm.

Although the steel components have been treated if you see any chipped paintwork we suggest touching it up with paint to help prevent corrosion.

