STARTING GATE INSTRUCTIONS

If for any reason there is something you can’t figure out, do not hesitate to call us at 714 369-2495
Attaching Panels

Link panels together with hinges

Align hinges so sides are flush

Bolt two hinges together with 3” bolts, small washers, and lock nuts. Each hinge should have washers on each side and the bolt securing the hinge together with a nut

Leave loose enough to be able to fold up when needed
Bolting Hinges

You will need 2 - 3” bolts, 4 small washer, and 2 lock nuts

Add a small washer to the 3” bolt and insert it into the holes where the hinges meet

Follow by adding a small washer and tightening the lock nut on top of the washer

Do not tighten bolts too much to allow hinges to freely move without struggle
Assembling Legs

The legs are attached to each other through a plate to keep the starting gate sturdy.

Bolt the plate to the 2 holes in each leg with the 2” bolts.

Align the holes in the plate with the holes in the legs and push the 2” bolt through followed by a washer and a lock nut on the other side to lock the plate to the legs.

Make sure the legs are facing the same way to make sure the angles of the leg match.
Attaching Legs

The starting gate uses 2 different sized legs.

The shortest legs get attached to the top of the bottom panel and the tall legs get attached to the top panel as seen in the pictures.
Bolting Legs

Bolt the legs to the triangle plates on the panels

Align the holes in the plates with the holes in the legs and push the 2” bolt through followed by a washer and a lock nut on the other side to lock the legs to the plate

Do not tighten the legs too much so the legs can freely move to allow the gate to fold up for storage, but snug enough to not wobble
Securing Legs

To lock the legs in place when you are using the starting gate you will use 2” bolts to secure the legs in place.

Push a 2” bolt through the second hole in the plate and leg.

Follow it on the other side with a small washer and lock nut to lock it in place.

When you are done using the starting gate, take out the bolts to allow the legs to fold up inside the frames.
Inserting Release Pin

Slide in the release pin into the hole closest to the side of the frame where the 2 tabs are as shown.

While sliding the release pin in, insert the large spring onto the pin and push the pin through the tube to the other side.
Inserting Release Pin

Once the spring is on the pin between the frame and the first tab, place one of the small pins provided to lock the spring in place.

When the release pin is pulled back, this pin gives tension to the spring to allow the release pin to move back into its original state for fast and easy setup.
Attaching Cable

There should be a long black cable that will be attached to the release pin.

First slide any end of the cable through the hole in the middle of the frame until you have pushed the metal tab and nuts through.
Attaching Cable

Slide the end of the cable and first nut over the tab with the slot and slide it into the slot and the hole.

After the both of them are inserted into the tab, push the rest of the cable through the hole as shown and lightly tighten the first screw to the tab to secure the cable onto the tab.
Attaching Cable

Once the cable is in place slide the end of the cable onto the release pin end that has the slot and hole.

The end of the cable should fall into the hole on the pin.

Once the end of the cable is onto the pin, tighten the nuts to the tab so the cable won’t move.
Attaching Bar Guide

Align the holes in the bar guide to the holes on the bottom of the panel where the release pin is.

Use the half inch bolts to bolt the bar guide to the starting gate frame.

First, hand tighten the bolts so you can adjust the bar guide if necessary to allow the release bar to slide in the guide easily, then tighten.
Drop Gate

To attach the hinge, lay the drop gate face down onto the bottom panel.

Align the hinge holes with the holes on both the starting gate frame and the drop gate.

Insert the countersunk bolts through the holes in the hinges and the frames as shown.
Bolting Gate

Place a small washer followed by a lock nut to bolt the hinges to the drop gate and the frame of the starting gate.

Once all the pieces are attached with the hinges the drop gate should be able to move freely in an open and closed position.
Release Bar Assembly

Align the hole on the release bar to the hole on the side of the drop gate

Push the 2” bolt through the release bar and the frame of the gate with a small washer in between them and follow it with a small washer and a lock nut on the other side of the tube

Do not tighten the bar too tight so that the bar can freely move
Pedal System

Align the hole of the angled bracket with the hole on the tab of the other bracket.

Push a small bolt through the two holes and follow it with a small washer and a lock nut.

Do not tighten too much, the bracket needs to be loose enough to allow movement.

Next screw another small bolt into the threaded hole next to it to prevent the angled bracket from moving too far forward.
Pedal System

There is a hole on each bracket to place the end of the spring on.

Place each end of the spring through each hole as shown to allow the pedal to come back to its original state when pushed.
Pedal System

Slide the cable onto the tab of the bracket and loosely tighten the nuts.

After placing the tab you might need to adjust the nuts to bring the cable closer or farther away to get the right tension.

Push the tab on the end of the cable through the big hole in the angled bracket.
Pedal System

Once you push the end of the cable through, slide the tab to the side to the other smaller hole.

The tab at the end of the cable should fall into the smaller hole.

After the cable end is in place screw in the phillips bolt through the hole next to it.

Twist until the bolt is over the cable end to prevent it from coming loose.
Release Assembly

Depending on the length of the bike, adjust the release system to the desired length to the back of the wheel

Align the 2 holes in the release system with the holes in the frame of the starting gate

Place the 2 pins in the holes to lock the release system into place
Release Plate

Align the holes in the release plate with the hole in the pivot arm.

Place the small pin through the holes and follow it with the clip to hold the pin in place as shown.
Locking Latch

The locking latch allows the starting gate to be securely locked when folded up.

Place this latch on the opposite side of the release bar.

Insert a 2" bolt into the latch and hold on the top frame of the starting gate followed by a small washer and lock nut.

Do not tighten too much to allow the latch to freely move.
Folding Up Flat

Remove the pedal system by removing the 3 pins holding the plate and release system shown.

When removed take off the plate and release system.
Folding Up Flat

Take out the bolts securing the two legs to allow them to fold in

Fold up both legs inside the frame to allow the starting gate to fold in half

Fold the gate flat to the frame to allow it to be locked securely with a pin
Folding Up Flat

Once the latch is bolted on you can fold the legs of the ramp in and fold the frames together as shown to lock the pieces in place.

The latch uses a pin to easily secure the latch into place and prevent the starting gate from unfolding.

You can also place another pin on the release bar on the other side to prevent it from swinging around loosely.
Easy Fold Up

Folding the Starting gate up in a triangle as shown allows for easy and fast setup leaving the pedal system in place so you don’t have to take it out every time you store it.

Just take out the bolts securing the short legs and fold them inside the frame along with folding the drop gate flat onto the frame.

Then fold the frames together until they meet at the long set of legs and stand it upright as shown.