

Vision Boa Rack Assembly Instructions

Rack Parts Inventory



A - 14 Rack Panels
 B - 18 - 36" Steel 1/2 Pole Sections
 C - 6 - Metal "L" Brackets
 D - 14 - Stainless Steel "C" Channel
 E - 7 - 4" Wheels
 F - 29 - Single Tube Rack Spacers
 G - 12 - Double Tube Pipe Spacers

H - 2 - Double Tube Top Spacers
 I - 5 - Single Tube Top Spacers
 J - 18 - 1" Panel Hole Plugs
 K - 11 - 2" Threaded Bolts and Fender Washers
 L - 24 - 2 Pin Side Tub Guides
 M - 48 Serrated Stop Pins
 N - 1 - Special Cut Spacer

Getting Started

Begin by taking 7 of the 36" 1/2 Steel Pole (Part A) and thread the 7 wheels into the bottom of the pole. Take 2 more of the Steel Poles (Part B) and thread in a 2" Bolt and Fender Washer. Next, slide the Stainless "C" Channel on to both of the long sides of 7 rack panels.



Next you will take one panel with the Stainless "C" Channel as the front of the rack and one panel without "C" Channel as the back of the rack. On the back panel, with the panel standing on it's short side, place the Metal "L" Bracket (Part C) so that the "L" portion is on the under side of the panel and along the edge of the panel. Slide one pole with the wheel through the back hole in the rack and a pole with a Bolt and Fender Washer in the front hole of the rear panel (Which will be the center of the rack). Align the front panel next to the rear panel, insert a 1/2 pole with a wheel into the hole closest to the back panel, Slide another pole with a wheel into the front corner hole of the panel. All 6 holes on that side of the rack should now have poles in them. Repeat this on the other side of the rack. Please note to be sure that all panels are aligned with the open side facing up, and in the same direction. You may stagger the wheel/bolt & washer on either side of the rack if you choose. Slide the last pole with a wheel through the hole in the center back of the rear panel.



Main Assembly

Once the base of your rack is assembled, things will move pretty fast from here on. Flip the rack so it's resting on it's wheels. You will then take two of the double tube spacers (Item G), and slide them down over the two poles that are close together in the center of each side of your rack. Use five of the single tube spacers on the other five poles. Then slide the panel with the Stainless "C" Channel on the front poles of the rack and the other panel on the back, again making sure the the open side is up and the heat tabs are all facing the correct way. Continue building until you reach the fourth level of the rack.



When you reach the fourth panel of the rack you are going to be adding the Metal "L" Bracket again, this time with the "L" portion of the bracket resting on the side and top of the panel. Slide it over the four poles after adding that fourth panel. Thread the top half of the pole into the bottom half of the pole and continue building the same way, with the spacers and panels noting that on that fourth level you will use the special spacer "N" in the back center of the rack. It is cut slightly longer to compensate for the metal "L" channel on either side.



Final Assembly

Once you've added all the panels, you will add the last of the "L" brackets to the top of the rack, again like on the fourth panel with the "L" portion of the bracket resting on the top and side of the panel. Again, do this on both sides of the rack. Use your top spacers (Items H & I), place them over the tops of the poles and secure them with a fender washer and a bolt. Tighten the bolts firmly but it is not necessary to over tighten.



The final stage of your assembly is putting in the tub guides, hole plugs and running the heat cable. The tub guides are designed to keep the tub from turning sideways in the rack when sliding the tubs in and out. Take the serrated pics (item M) and push them through the open side of the tub guide (item L) with your thumb. The flat side of the guide should be against the flat side of the panel. All guides mount to the top panel in each level. Push the pins into the holes provided in each panel between the poles on the 1" hole in the front. There are four guides per rack level, two on each side. The hole plugs fit into the 1" hole in the front of the rack and in the front of the back panel as well. The heat cable can be run myriad of different ways and configurations based on your particular needs. Experimentation is the best way to decide. The cable simply press fits into the runners provided and can easily be changed. We always recommend that you use a quality thermostat with any heat source for the welfare of the animals and the equipment to house them.



Your new Vision Boa Rack should provide you with years of trouble free housing for your valuable animals. Should you have any questions please feel free to contact us.

