



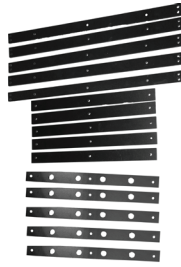
Assembly Instructions: Large Keeper Kit

Packing List :

Carefully unpack the box and find each item.

Cage Panels:

- (A) Back Panel
- (B) Right Panel (with hinges attached)
- (C) Bottom Frame
- (D) Left Panel (with latch tabs attached)
- (E) Top Panel
- (F) Plastic Floor Panel
- (G1) Upper Face Panel
- (G2) Service Door
- (H) Main Door



Dragon Ledges



Dragon Ledge
Parts Bag



Screw Pack
(Cage)



Vine Holders



Hydration
Mount

Tools Needed for Assembly:

Phillips Head Screwdriver
Scissors (to unwrap parts)
Bowl (to hold screws)

Caution 1: Do not over-tighten screws! Tighten the screw until it is fully seated in the frame and stop turning when the screw is tight. Forcing the screw beyond this point will strip the hole.

Caution 2: Beware of slipping with the screwdriver and punching a hole in the screen. Tighten the screws firmly and deliberately, but do not rush yourself or press harder than necessary.

Success Hint: Open a screw bag only when it is required and store screws in a bowl.

Assembly Note: Except for the Bottom Frame, the panel side with the sticker is the inside of the cage.

Assembly Note: Rattling inside a cage frame is normal and can be ignored. This is the pop rivet end.

Pre-Assembly: Attach Vine Holders, Dragon Ledges, and Hydration Mount

A) Install Dragon Ledges: Please reference Dragon Ledge Install Instructions

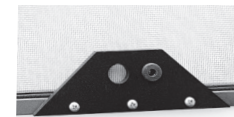
B) Hydration Mount: The hydration mount allows industry standard mist nozzles to be installed. The Hydration Mounts may be installed anywhere along the inside top frame. Please reference the Hydration Mount Install Instructions.

C) Attach Vine Holders: These attach to the top panel and will provide a convenient anchor to loop artificial vines. Find the two pre-drilled holes on the Top Panel (E) and attach the vine holders using the screws included in the vine holder bag. If one of the pre-drilled holes is covered by a misting nozzle mounting wedge then you have to option of leaving that vine holder off or placing the vine holder in another location and firmly screwing it in place using the self-tapping screw.

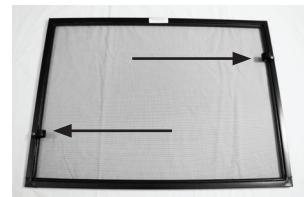
D) Remove Stickers: If you desire to remove the frame stickers, carefully pry as much off as possible and use Goo Gone or WD-40 to rub off the adhesive.



Dragon Ledges



Hydration Mount



Vine Holders



1) Construct cage core with Back Panel (A), Top Panel (E), and Bottom Frame (C). Use 3/4" screws from cage screw bag. Bottom Frame sticker is on outside. Other panels are installed with stickers on inside.



2) Add Side Panels (B) and (D) with 3/4" screws. Stickers are on the inside top of the panel. Attach to Top Panel (E) first to avoid slipping and possible screen damage to Top Panel.



3) Complete Front by first installing the Service Door (G2) with two 3/4" screws from the sides. Then install the Upper Face Panel (G1). Finally, lay the door in and use four flathead 1/4" screws to attach to hinges.
4) Slide in Floor Panel (F)

Your Large Keeper Screen Cage is complete!



Dragon Ledges

Installation Instructions

Introduction. Your Dragon Ledges allow you to create an internal landscape for your screen cage. These solid anchors distribute weight to the frame instead of the screen. Using these ledges you are free to hang plants or create interior landscapes. Instructions are the same with both screen panels and clear PVC panels.

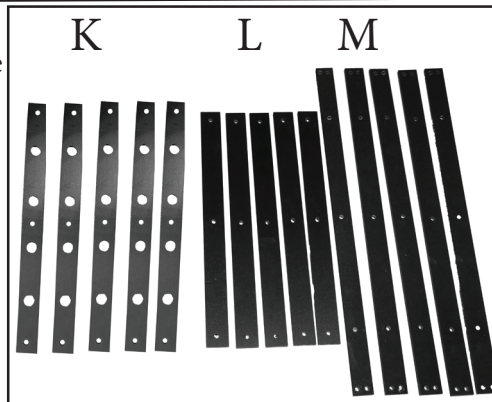
Installation of the Dragon Ledges is done in four main steps.

- 1) Verify Contents
- 2) Attaching the Braces to the outside aluminum frame
- 3) Preparing the entry into the cage
- 4) Assembling the Dragon Ledge on the inside

Verify Contents

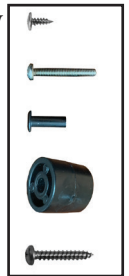
Contents. Each Dragon Ledge Five Pack contains 5 horizontal Dragon Ledges.

- Qty: 5 (K) Ledge
Qty: 5 (L) Spacer
Qty: 5 (M) Brace
Qty: 1 (N) Parts Bag



Contents of Bag N

- Qty: 20 (V) Mounting Screw
Qty: 15 (W) Machine Screw
Qty: 15 (X) Threaded Cap
Qty: 15 (Y) Spacer Barrel
Qty: 1 (Z) Hole Screw



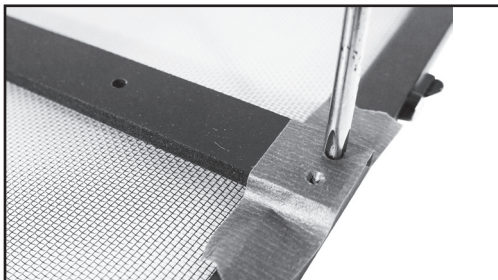
Attach Braces

Note: Dragon Ledges may be installed on assembled cages, but it is much easier to install them on panels laying flat on the floor. It is recommended you install Dragon Ledges before assembling the cage.

The strength of the Dragon Ledges is that they transfer all the weight to the aluminum frame which is quite strong relative to what we need to hang in the cage. There are no pre-drilled holes in order to allow you the freedom to place the Dragon Ledges in whatever location suits your needs. The Mounting Screws (V) are designed to self-tap so a constant pressure and a firm turning of the screw will puncture the aluminum framing and provide a tight fit. If you are not comfortable with this action then you may drill a pilot hole first.

The one limitation is that the Dragon Ledges were not designed to be mounted on the top panel and support weight hanging down. Before you screw the Brace down, verify that the mounting holes on both sides align with the frame.

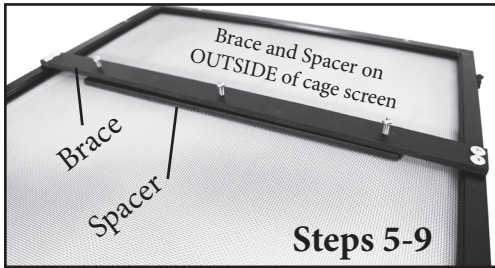
If you are unsure where you want to position the Dragon Ledges I suggest splitting the panel evenly. If you are doing a side panel with two Dragon Ledges then split the cage in thirds. For the one Back Brace, go across the middle. There are two things to watch out for. The first is to make sure you do not cover up mounting holes that you will need later or block movement of hinges or tabs. The second is to not worry so much if the Dragon Ledge assembly is not in the exact middle. "Approximate" works just fine in this case!



Steps 1-4) Affixing the Brace to the outside of the frame.

- 1) Position your first Brace (M) in the desired location on the outside of the screen panel. Double check to ensure you are attaching to the OUTSIDE of the side panel! You will know the outside of the panel because, on Dragon Strand cages, the sticker labels are on the inside. There should be a gap between the Brace and the screen/clear-side material.
- 2) Verify that both ends of the Brace have the mounting holes directly over framing so that the mounting screws will be able to go directly into the aluminum frame.
- 3) Use masking tape to hold the Brace in place while you install the screws. This allows you to move the Back Brace around until it is in a position that you are happy with.
- 4) Once you are happy with placement, use a Phillips head screwdriver, pen, or any other small object to open a hole in the tape for the Brace mounting hardware.

- 5) Insert a short Mounting Screw (V) into the center of the hole. Press firmly on the short screw and slowly twist it into the aluminum frame of the cage. Make sure you are stable and do not slip. Alternatively, you may use a powered drill with a 1/8" drill bit to create a pilot hole that will allow easier installation.
- 6) Fasten the screw in a couple of turns to firmly lodge it and then carefully remove the masking tape (if used) from around the Mounting Screw and Brace.

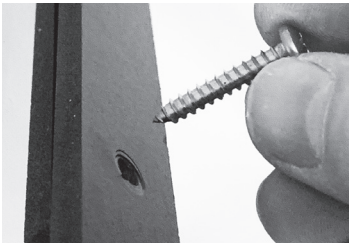


- 7) Continue to twist the screw in until it is tight. Do not over tighten the screw as you will strip the aluminum framing.
- 8) Fasten in a Mounting Screw on the other side using the same method of starting the screw as with the first one. Once both sides have an attachment point you may repeat steps 3 through 7 for the other mounting points.
- 9) Slip in the Spacer (L) between the Brace and the screen/clearside. Hold it in place by dropping three long Machine Screws (W) into the Brace mid-holes and aligning the Spacer so the screws go into the three pre-drilled holes along the length of the Spacer.

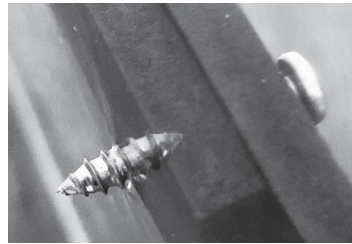
Preparing Entry into the Cage

Dragon Ledges work by transferring the weight from the inside of the cage to the outside Brace that is firmly anchored on the framing. This does mean that we need to go through the screen or clearside material. You will be creating three small holes to create a metal core to each of the Dragon Ledge anchor points that will go from inside to outside. Many people balk at creating holes in the sides of their new cage. But these holes will be completely covered and unnoticeable. Dragon Ledges are an integral part of a cage and there should be no reason to remove them once they are in place.

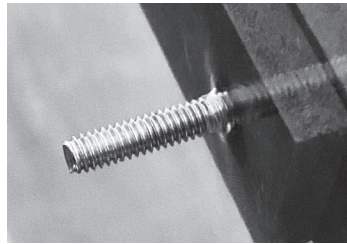
- 10) We will now create the first entry hole by removing the machine screw in the middle hole and replacing it with the self-tapping Hole Screw (Z). You will use the pointed end of the Hole Screw to poke a hole through the screen/clearside. This hole only needs to be enough that the machine screw can be pushed through.
- 11) Remove the Hole Screw and replace with the Machine Screw.
- 12) Repeat step 10 – 11 for each of the three holes.



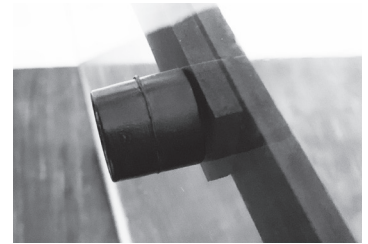
Step 10) Use Hole Screw (Z) to make a clean hole in the side



Step 10) The Hole Screw can be twisted to help it through



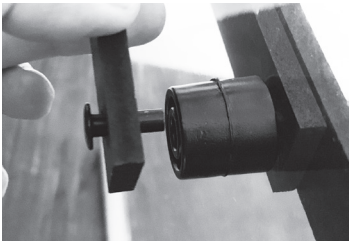
Step 11) Replace the Hole Screw with the Machine Screw



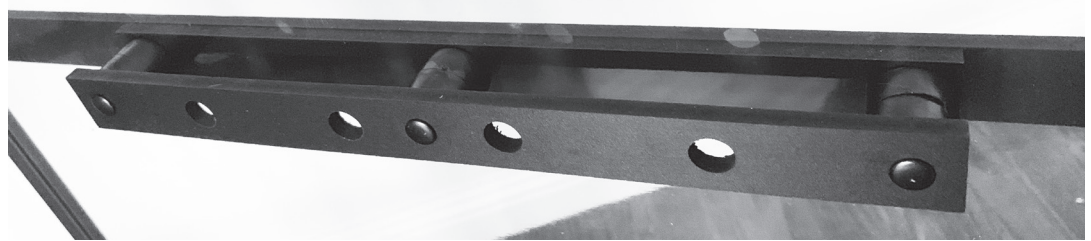
Step 13) Slide on the Barrel Spacer on each screw.

Assembling the Dragon Ledge on the inside

- 13) Push the Machine Screw (W) all the way through and insert one Spacer Barrels (Y) on each.
- 14) Hold the Dragon Ledge (K) to one Spacer Barrel and insert a Threaded Cap (X) into the mounting hole
- 15) Hold the Threaded Cap tightly in place while you screw the Machine Screw into it.
- 16) Repeat steps 14 – 15 for all Spacer Barrels
- 17) Tighten all Machine Screws to ensure that the Dragon Ledge Assembly acts as one solid piece



Step 14 - 15) Create metal core with screw and threaded cap



The final Dragon Ledge assembly viewed from the inside of the cage.

Your Dragon Ledge is installed. Repeat for your other Dragon Ledges!



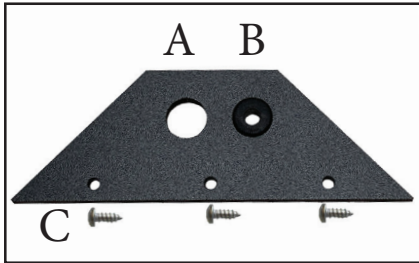
Hydration Mount

Installation Instructions

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Introduction.

The Dragon Strand Hydration Mount was designed to allow hydration devices to access the inside of your cage. There are two holes. The larger hole is designed to fit standard misting nozzles from Mist King and Cli-Mist while a second grommeted hole allows access for 1/4" tubing. The 1/4" tubing can be used for a plant drip system or to bring a Exo-Terra Monsoon mist nozzle inside the cage.



Hydration Mount

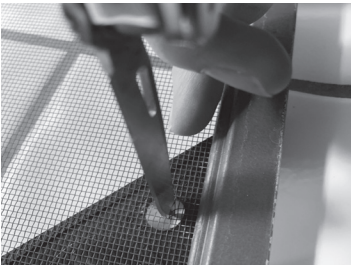
A) Misting Nozzle Hole. Industry standard Misting Nozzle (not included)

B) Tubing Hole. Grommeted hole for 1/4" tubing

C) Mounting holes and mounting screws



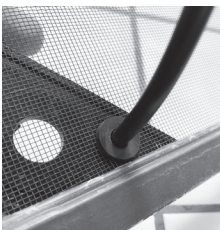
Steps 1-3



Step 4



Step 5a



Step 6

Installation Instructions

The Dragon Strand Hydration Mount is designed to be mounted anywhere along the inside top frame.

- 1) If you intend to use the 1/4" tubing input then carefully remove the rubber grommet before mounting it to the frame. To remove it, pinch the grommet together and push it through the hole.
- 2) Select a mounting location on the side of the top frame that will be inside the cage. The hydration mount should be flush with the screen. Ensure both that the mounting holes are solidly on the frame and that the Mist and tubing holes are not blocked by the frame. It is helpful to have the Misting Nozzle you desire to mount handy as you will need to ensure that the mount nut for the misting nozzle will be able to be screwed on without the frame interfering. .
- 3) Use the three included self-tapping screws to attach the Hydration Mount.

Installing a Misting Nozzle or Tubing

- 4) Use a sharp knife to cut a "+" pattern through the screen above the hole you will be using.
- 5) If using a Misting Nozzle then remove the Misting Nozzle Nut, push the threaded stem up from inside the cage through the Hydration Mount and screen, and then tighten the nut back on to a tight fit.
- 6) If installing 1/4" tubing then push the grommet on the tubing and then push the tubing from the outside, through the tubing hole, and use physical force to push half the grommet through the hole.

