



Dragon Ledges 4 Pk 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.

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

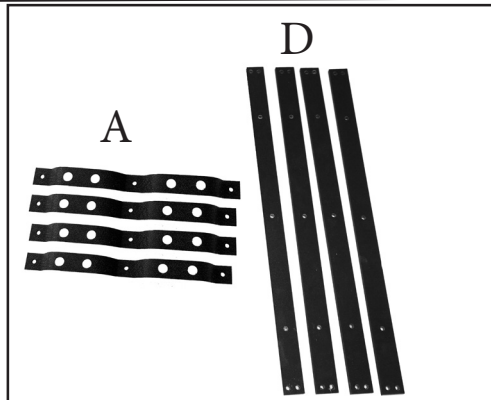
Verify Contents

Contents. Each Dragon Ledge Pack contains 4 horizontal Dragon Ledges for the sides of your cage.

Qty: 4 (A) Ledge

Qty: 1 (B) Parts Bag

Qty: 4 (D) Side Brace



Contents of Bag B

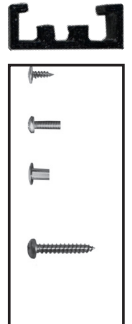
Qty: 12 (T) Spacer Clip

Qty: 16 (V) Mounting Screw

Qty: 12 (W) Machine Screw

Qty: 12 (X) Threaded Cap

Qty: 1 (Z) Hole Screw



Important: Before putting in a screw, place the brace on the frame and verify that the mounting holes are over the frame on both sides. Do not proceed with installation unless the mounting holes of the brace is squarely over the frame and will give a solid place of installation for the screw.

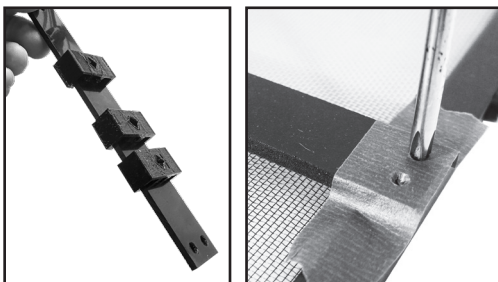
Attach Braces

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. 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.

Important! make sure you are using the correct length Brace for the panel. 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. For a side panel with two Dragon Ledges then you could simply split the cage in thirds. 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. 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) Slip three clips on and attach the Brace to the outside of the frame.

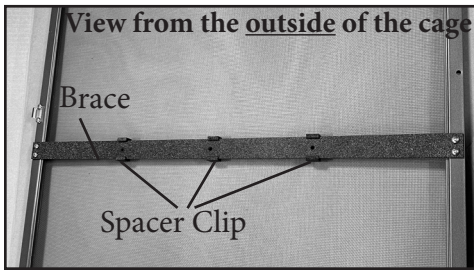
- 1) Slip three Spacer Clips on each brace. The thick part of the spacer will go towards the cage screen. Do not worry about the Clip placement until later.
- 2) Position your first Brace in the desired location on the outside of the screen panel. Double check to ensure you are attaching to the OUTSIDE of the side panel! In most commercially manufactured screen cages there will be a gap between the Brace and the screen.
- 3) 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.
- 4) You may 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.
- 5) 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.

REMEMBER: One Brace is Shorter - this is for the Back Panel!

- 6) 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. **Do NOT use a power drill to drive the screw in. It will strip the hole!**
- 7) 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.
- 8) Continue to twist the screw in until it is tight. Do not over tighten the screw as you will strip the aluminum framing.
- 9) Repeat steps 4 through 8 for the other mounting points.

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 means that we need to create a transfer point through the screen. 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. Do not worry about creating holes in the sides of their new cage screen. 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.



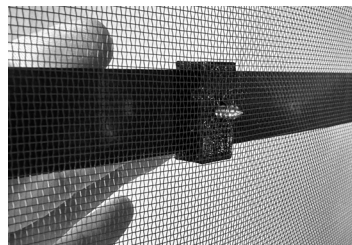
10) We will now create the first entry hole by moving the middle clip in front of the middle hole and inserting the self-tapping Hole Screw (Z) from the outside. You will use the pointed end of the Hole Screw to poke a hole through the screen. This hole only needs to be big enough that the machine screw can be pushed through.

11) Remove the Hole Screw and push the Machine Screw (W) all the way through the Brace, Spacer Clip, and screen.

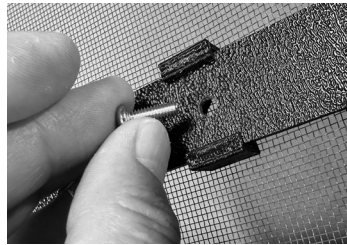
12) Repeat step 10 – 11 for each of the three holes.



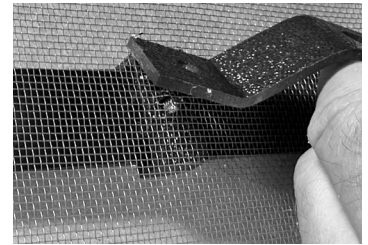
Step 10) Use Hole Screw (Z) to make a clean hole in the screen.



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



Step 11) Replace the Hole Screw with the Machine Screw



Step 13) Put Dragon Ledge part on inside of cage aligning holes to screws

Assembling the Dragon Ledge on the inside

13) Place the Dragon Ledge (A) on the inside of the cage and align the mounting holes with the machine screws poking through

14) Insert a Threaded Cap (X) into the mounting hole on the Dragon Ledge (A)

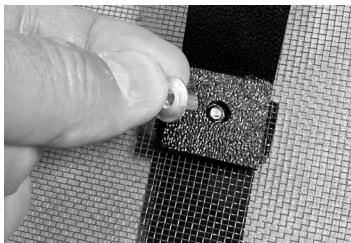
15) Hold the Threaded Cap tightly in place while you screw the Machine Screw into it from the outside.

Note: If the screw and cap do not seem to be going together smoothly, you can screw and unscrew them together before putting them into the assembly. Of course, a little drop of WD-40 makes everything in life go smoothly.

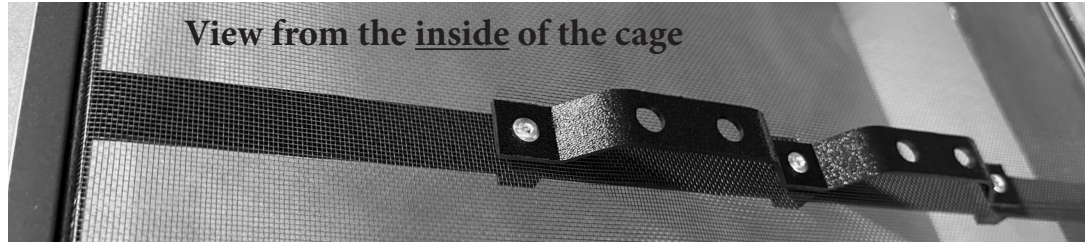
16) Repeat steps 14 – 15 for all threaded caps

17) Tighten all Machine Screws with handheld screwdriver to ensure that the Dragon Ledge Assembly acts as one solid piece

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



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



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