



# ***Portaledges***

**1.** Become very familiar with your ledge long before it, or you, ever get near stone. High up on a wall is no place to have a major night-time epic with a ledge you've never seen before.

**2.** When setting up the ledge or taking it down, always pull the long side away from, or parallel, to the end tube. This method of pulling will give you the the most flex, helping to get the last corner into the tube (or out of the tube). If you are having trouble getting the ledge apart, put a foot into the opposite corner you are pulling from and simply push with the foot, while pulling at the other corner. It is important to keep the ledge tubes clean, as a small amount of dirt in the tube end will make the corners fit too tight. The best time to take your ledge down is right after you get out of it in the morning, when the bed is fully slackened, then take down should be easy.

For double ledges: After you set up the ledge and before anyone gets into the ledge, make sure the fins are not under any tension. If the fins are under tension before you get into the ledge you will overload them and possibly damage your ledge. Adjust the fins to the proper tension after both parties are in the ledge.

**3.** Adjusting the suspension on your ledge: Start with the suspension straps near full extension and level your ledge before getting into the ledge. The metal buckles are great at holding your ledge at the desired position, but will eat your webbing over time if you constantly adjust the ledge while you are sitting in the ledge. While in the ledge, try to adjust the straps while unweighting during the adjustment. This will make the suspension system last longer and work better. For small adjustments, use the lower set of buckles to fine tune your bivy. Do not even think about using the center daisy chain as your tie in point. This daisy is for hanging a lantern, a stove, your shoes etc. It is not designed to be a life preserving clip in point.

**4.** The rainfly must be seam sealed inside and out. Put extra sealer on the exposed stitches on the wall guard, to help prevent harsh wear. We recommend using "SeamGrip" as the sealer.

**5.** If you think you might encounter weather, seek out a steep place to hang your ledge. The fly is designed to work best when the ledge is set up on a vertical wall, and the suspension system is near full extension. Always be very careful when clipping the fly into the anchor, and the ledge, into the fly. A miscue could tear the fly if it comes into contact with a ledge corner and the wall at the same time, or is grated against the wall under some sort of load. Lock down the ledge corners into the locators as soon as possible. This will keep the wall guard in place and ensure that contact with the rock is in the right area for such a load. The internal pole is threaded from one end through the locators on the front of the fly and then inserted into the webbing pockets on the two rear corners. This part is easier on a wall than in your living room as the pole needs to hang free below the ledge during the threading. The lash loops around the bottom edge of your fly are to cinch the ledge fly up under the ledge bed in extreme weather. Use your daisy chains or runners to accomplish this as no permanent lashings are provided. An important point about rainflies in general is that they will not keep you dry. What they do is keep the rain from beating on your head. The inside walls of the fly will become very wet during a full night of rain because of the buildup of condensation. If bad weather is certain, always bring a bivy sack to keep you and your sleeping bag dry from the wet walls of the fly. During less than typhoon conditions, the bottom edge of the fly can be left open to keep some air circulating inside the fly, which seems to help. Another good tip is on the 5-Season fly, you can pull the "blow holes" up inside the fly and connect them to the daisy chains on the suspension. This method will let a large amount of air into the fly and since the opening of the hole is higher than the outside part of the hole, no water is able to get inside the fly. Nice breeze!

If you have any problems or questions, don't hesitate to call us.

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