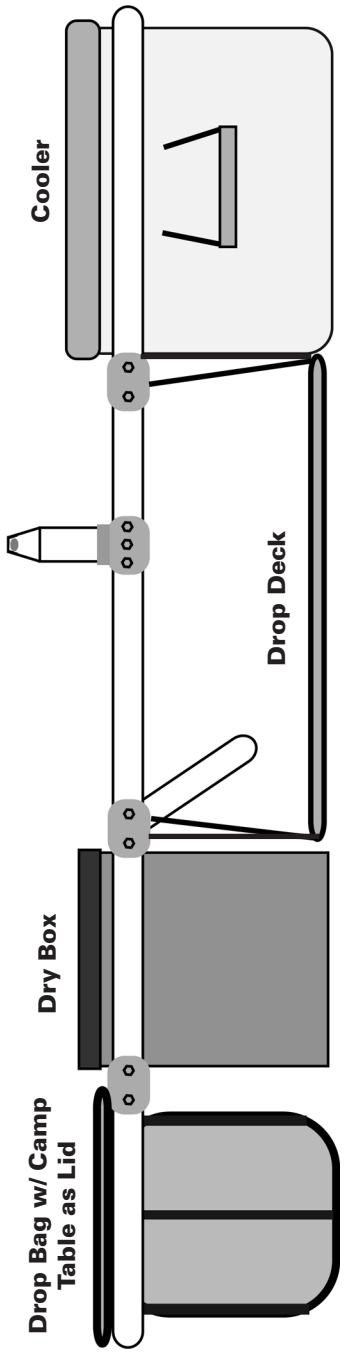
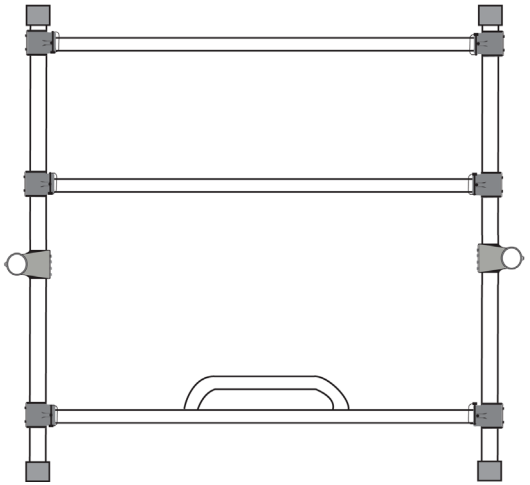
Typical Expedition Set-up



Drop Decks:
Drop Decks are great for carrying two 20mm Rocket Boxes , or Aluminum Half Boxes They are suspended from the frame using four 3' cam straps. Because every boat is a bit different we ask that you rig your boat and then call us with instructions on how to take the measurements so we can build you a custom deck.

Using your Expedition Frame as a Day Frame:

One of the advantages of a Clavey Expedition Frame is that it can be broken down and used as a Day Frame - essentially two frames in one! To do this you need to remove the front and rear bars and elbows. This will leave you with two straight side bars and three cross bars. The simplest set up is to configure the bars so that two cross bars are supporting the cooler (your seat) followed by the rowers compartment and then the kick bar. It is then necessary to drill out all cross bars through the pilot holes in the T fittings and then install the snapper pins into each T fitting. This keeps the frame from pulling apart under stress. Once drilled it is a very good idea to mark each fitting and cross bar end so that reassembly is easy or it can be a frustrating experience. You may also have to reposition the oar towers when using the frame as a Day Frame. Also when using as a day frame you need to put 2" PVC pipe caps on the ends of the straight bars to protect your boat and the bars. You can find these at your local hardware store or call us and we can send them to you.



CLAVEY RIVER EQUIPMENT

CLAVEY EXPEDITION FRAME

Compact, versatile and highly adjustable, the Clavey Expedition Frame is constructed from **1 7/8"** OD anodized aluminum tubing assembled with Speed Rail style fittings, snapper pins and a welded kick bar. The Expedition Frame is designed to hold (depending on the size of your boat) any size cooler and an additional one or two dry boxes or drop bags (see photo on pg.4). The perfect set up for a 14' raft is (starting from the rear) a 128qt. **cooler** for the rower's seat, rower's compartment, 13" X 16" X 40" **aluminum dry box** with an **ethafoam pad** on top, then a 16" X 40" **drop bag** with a 20" X 64" **camp table** for a lid in the front compartment. You can also suspend a Drop Deck in the rowers compartment that will allow you to carry two 20mm rocket boxes. Another great feature of this frame is that it can be made into a simple day frame with the removal of the front and rear bars. It can also be fitted with a welded bracket for a **Padded Rowers Seat** or, better yet, use a **Flip Seat Bracket** on top of your cooler. **Please read all instructions before assembly.**

Parts List

Please make sure you have all of the following before assembly:

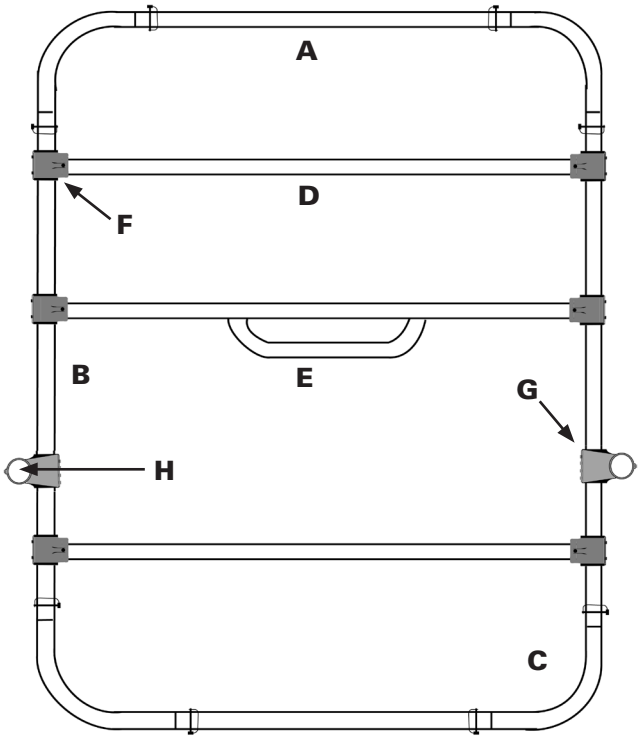
2 - End Pipes (shorter than Side Pipes)(A)
2 - Side Pipes (B)
4 - Corners (C)
2 - Cross Pipes (D)
1- Kick Bar (E)
6- "T" Fittings (F)
2 - Cross Fittings (for oar towers) (G)
2- Oar Towers (H)
10 - Snapper Pins
Allen wrench and spare set screws.

Frame Assembly

Please read thoroughly before attempting to assemble!

1. Lay all of the parts out as shown in the picture.
2. Take note of the letters that are stamped into the Corners and the ends of the End Pipes and Side Pipes. Match all of the letters - do not assemble.
3. Assemble one complete end and both Side Pipes. Pin together.
4. Slide the two Cross Bars (with "T" fittings), the Kick Bar (with "T" fittings) and the two Cross Fittings onto the side bars - **do not tighten any of the set screws.** Make sure that all of the Cross Bars and Kick Bar are perpendicular to the Side Pipes and parallel to each other. Do not worry about spacing at this point.
5. Assemble and pin the remaining end and carefully slide into the Side Pipes.
6. Adjust Cross Bars and Kick Bar to the proper distances depending on what cooler and box configuration you are using. For example: The frame spacing in our 14' Package is as follows:

12" front drop bag compartment, followed by a 13.25" dry box space, rowers compartment, then a 18.25" cooler space for a 128 qt. cooler.
7. Rotate kick bar to where it is comfortable for the rower - usually about 35° - and then tighten set screws. Using a 5/16" drill bit drill out the Kick Bar through the holes in the "T" fittings and then install the two remaining snapper pins.
8. The Oar Towers arrive long so you can customize them to your desired height. It may be necessary to trim a couple of inches off the height of the tower and this can be done with a hack saw or a miter saw with a carbide blade. After trimming use a file to knock off any sharp edges.
9. When proper oar tower placement has been determined (see instructions below) it is necessary to tighten and loosen all of the six set screws on the Cross Fittings an additional 4 or 5 times then tighten



securely one last time. This will cause the set screws to form divots into the Side Pipes and Oar towers and prevent slippage or rotation.

Oar Tower Placement

The proper placement of the oar tower is in the center of your stroke. On most people this is inline with the face of the knees when seated in the rowers position (see illustration above). With this said, everyone is different so do what feels right. Once the tower is in the right place you need to adjust the angle of the tower so that the thole pin or oarlock is angled to the **outside of the boat.** The correct angle is to have the oar be perpendicular to the oarlock or pin when the handle of the oar is in your hand and the blade is in the water. Taking into account the built-in angle of the tower the correct angle is usually achieved by tilting the cross fitting slightly in towards the center of the boat.