

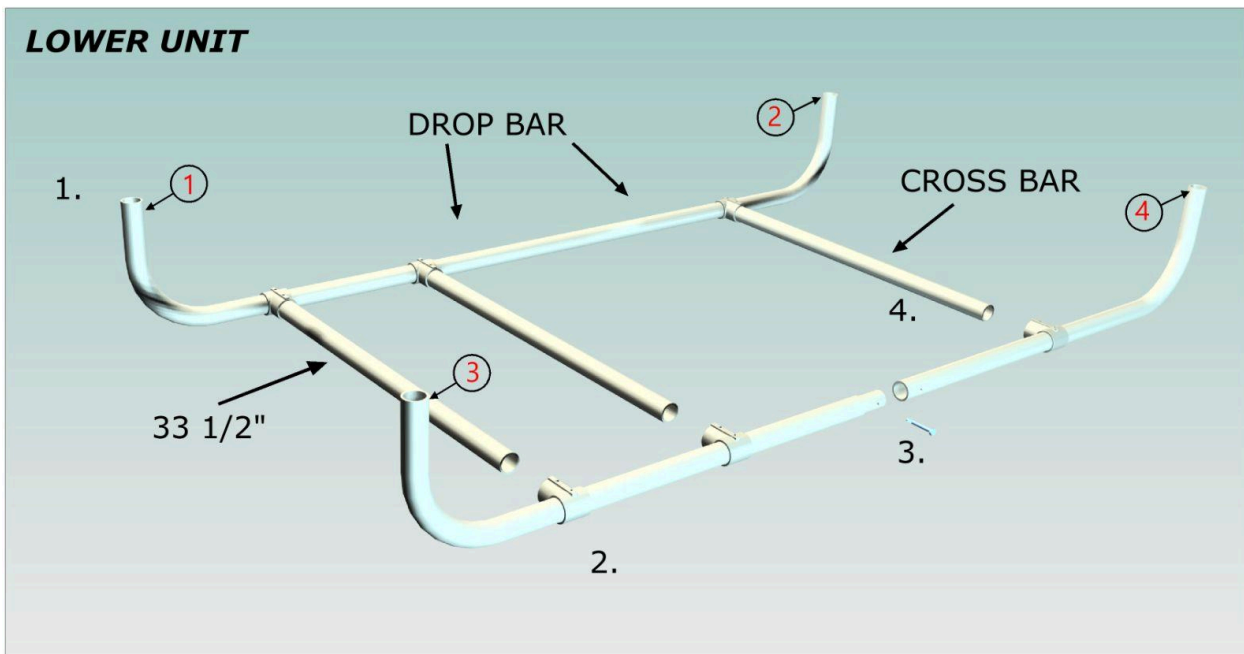


## ROCKY MOUNTAIN RAFTS FCT-140 FRAME ASSEMBLY GUIDE

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### LOWER UNIT:

1. Lower unit bent sections (drop bars) are numbered 1 through 4, which correspond to numbered tee fittings on front and rear end hoops from the top unit. Pair bar 1 with bar 2, and then bar 3 with bar 4
2. Slide two tee fittings on each drop bar without tees. Orient tee fittings so that the set screws are facing up.
3. Connect both lower unit drop bars with 2" bolts and hand tighten. NOTE: install bolt with nut facing the inside of the drop bar.
4. Starting on one drop bar, insert all cross bars into tee fittings. Attach other drop bar.





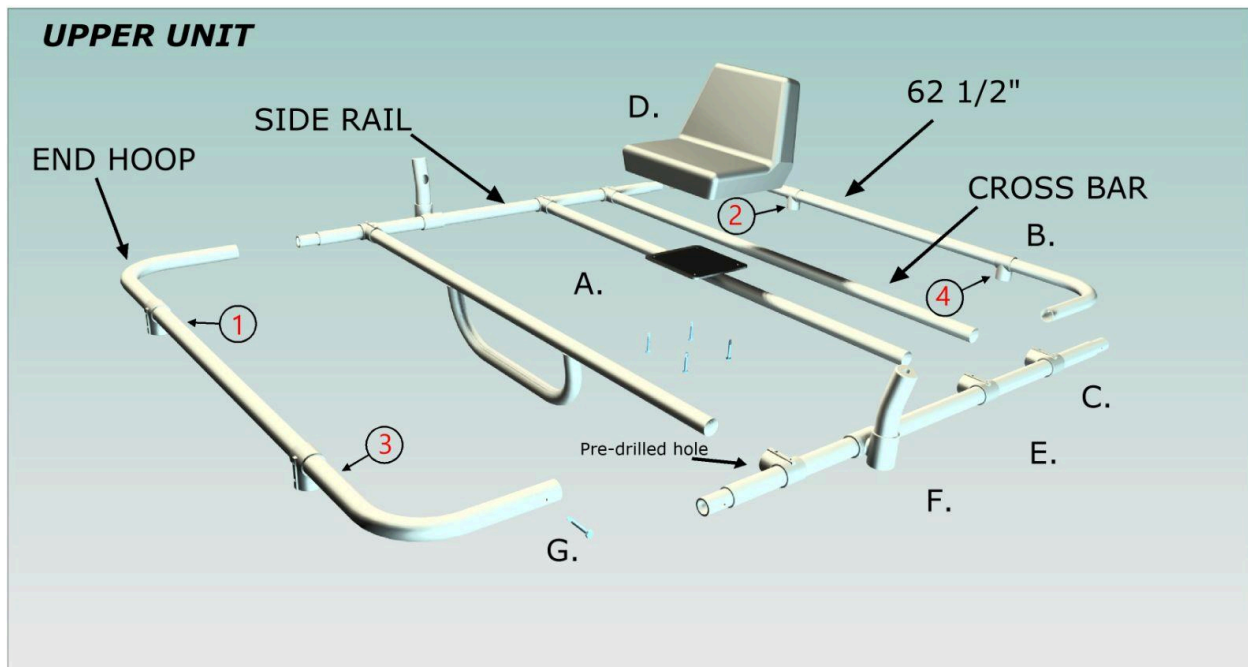
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### Upper Unit

- A. Mount seat on welded seat bar using 4 short seat bolts. Do not overtighten.
- B. Attach the rear end hoop to the side rails with 2" bolts. Hand tighten for now.
- C. Slide one tee fitting on each side rail. Insert straight cross bar in tee fittings. Slide toward the end hoop. 19" spacing away from the end hoop is a good place to start, but frame set up is completely adjustable to your personal preferences or applications.
- D. Slide welded seat mount bar to your desired position.
- E. Slide an oar base on each side rail.
- F. Slide one tee fitting on each side rail and insert the kick bar in tee fittings NOTE: use the tee with the pre-drilled hole on the kick bar.
- G. Attach front end hoop to side rails with 2" bolts. Hand tighten for now.

**NOTE:** The tee fittings pre-installed on the end hoops have stamped numbers. These correspond to the drop bars on the lower unit. Make sure you orient the numbers as shown.





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### Final Assembly

1. Joining the upper unit to the lower unit is best done with friends. At least one extra person will make this step much easier.
2. Slide the ends of the drop bars into the corresponding tee fittings on the front and rear end hoops. Numbered tee fittings and drop bars are pre-drilled. Use the 2-1/2" bolts and hand tighten.
3. Set frame on top of inflated cataraft tubes. Starting with the four outside corners, loosely attach frame to tubes. Repeat on the inside corners. Make sure tubes are even and true. Tighten cam straps accordingly.
4. Adjust the frame to your preferences. Tighten all bolts and set screws.
5. Complete set up by attaching 2' cam straps to the drop bars and inside d-rings.
6. Insert oar towers into oar bases.
7. Don't forget to take your tools on your first river trip to make adjustments and keep things tight!

