



ROCKY MOUNTAIN RAFTS

FRAME ASSEMBLY GUIDE FF130-140

rockymountainrafts.com

Lay out all pieces on an even, flat surface before assembly.

Frame Parts

A. Frame side hoop w/spud ends
FF130: 2
FF140: 3

B. (2) Cross member

C. (2) Seats

D. (1) Kick bar w/pulley

E. (6) Hex bolts and nuts:
(4) -5/16 x 2 1/4
(2) -5/16 x 2 2/4

F. (8) Tees

G. (3) Oar bases (3) Oar towers

H. (2) Anchor arms

I. (3) 5/16 Lock pins

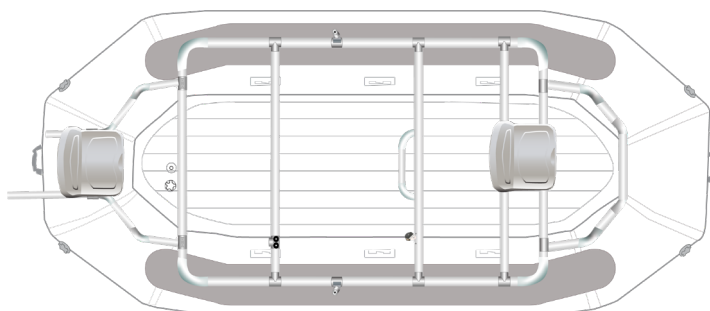
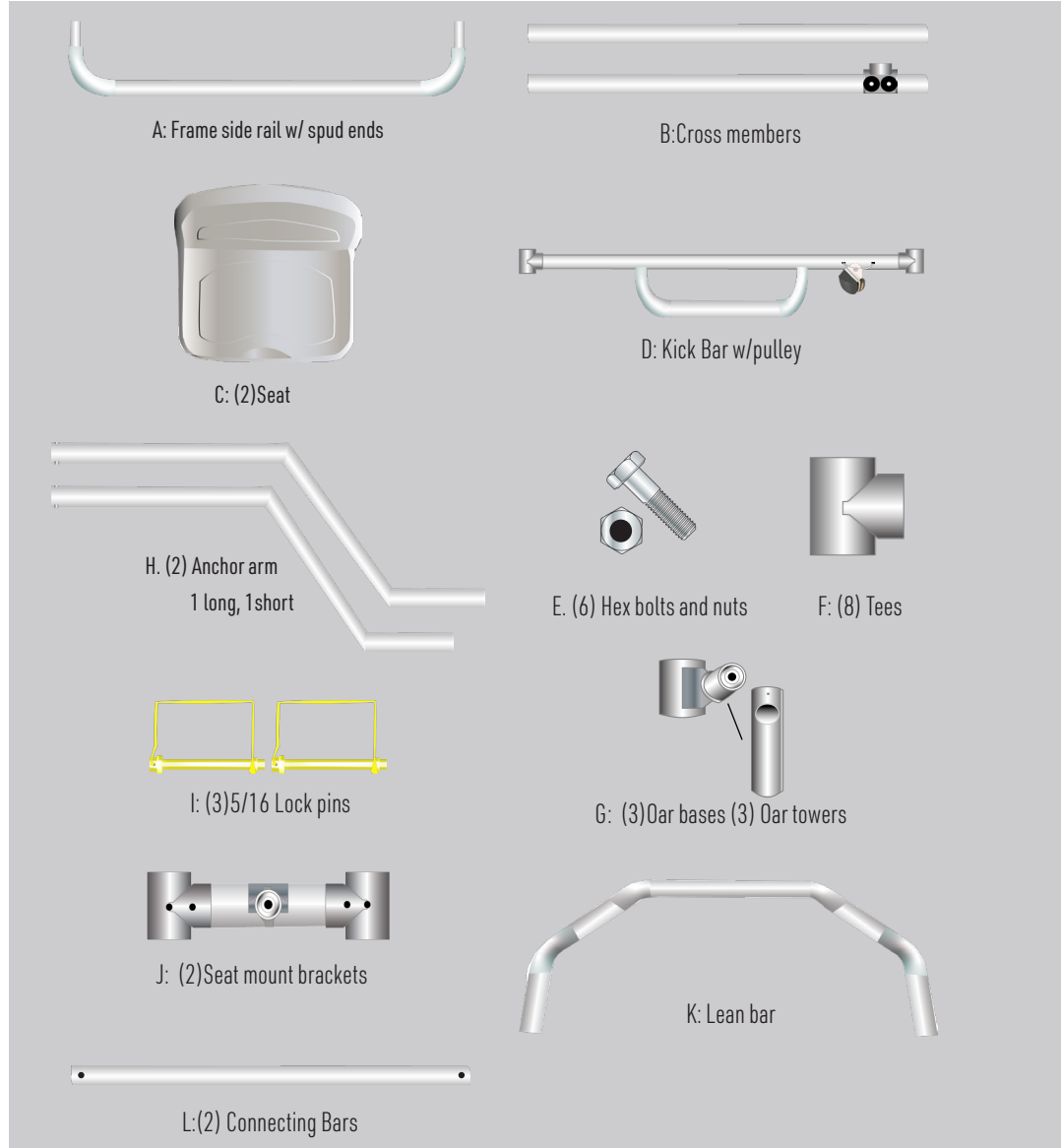
J. (2) Seat mount brackets

K. (1) Lean Bar

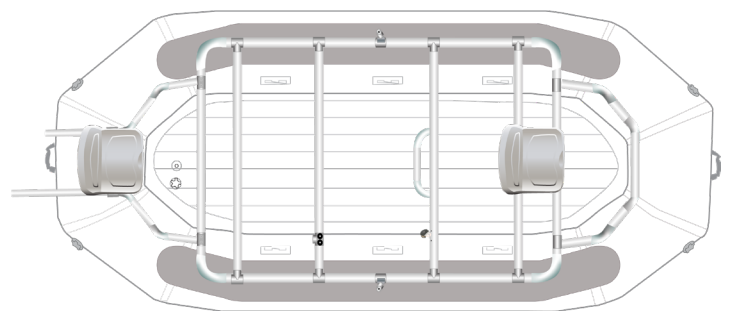
Recommended

- ▶ 1/2" Wrenches or sockets
- ▶ Rubber mallet
- ▶ 3/16" Allen wrench (provided)

Pro Tip: Take your allen wrench on your first trip to make adjustments.

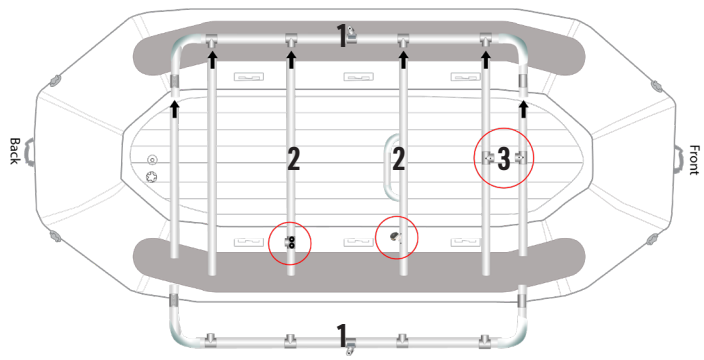


FF130

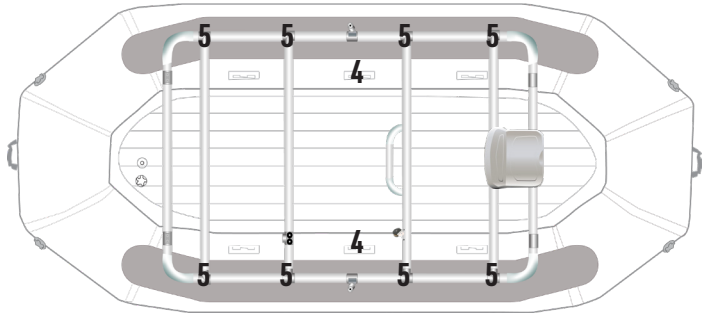


FF140

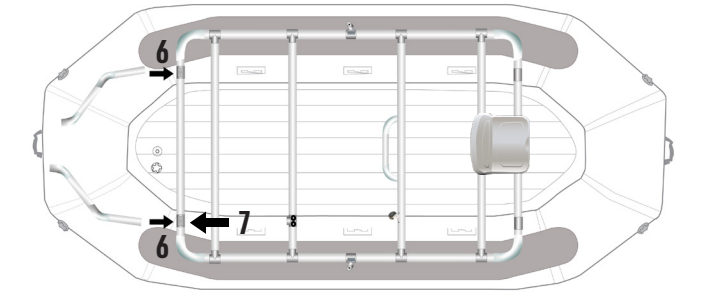
1-3



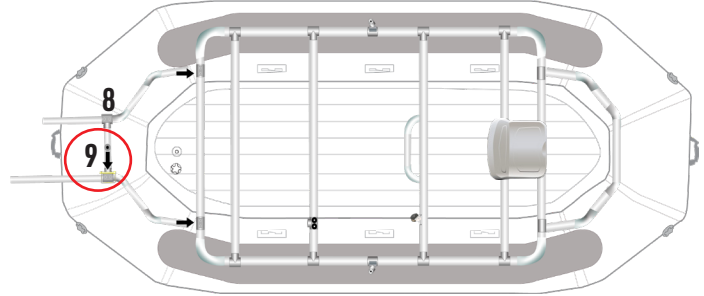
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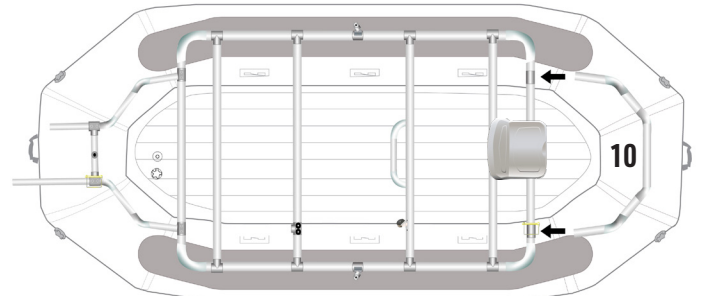
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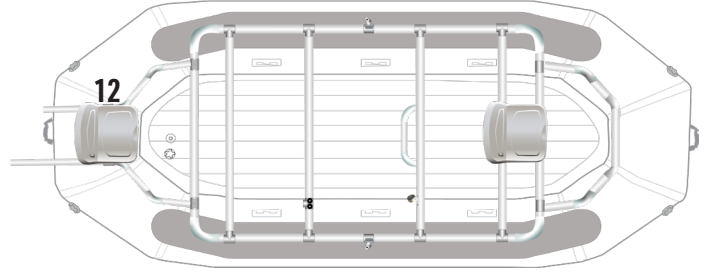
8-9



10-11



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Frame Assembly

Make sure your boat frame is centered on your raft!

1. Place frame hoop (A) opposite each other. Lay out connecting bars (M) and match corresponding numbers on both side hoop and connecting bars, (ex. side hoop corner stamped 1: connecting bar end stamped 1). Loosely tighten set screws. DO NOT tighten fully.
2. Insert cross member (B) and kick bar (D) into tee fittings (F), secure into side hoop ensuring that stamped numbers match. Hand tighten hex bolts and then attach second side hoop (A) ensuring number match correctly. Install hex bolts (E).
3. Install front seat by attaching seat mount bracket (J) to the fittings on the cross member and connecting bar. Use bolts to secure seat mounts to the fittings. Next, attach front seat (C) to mounting bracket.
4. Install oar towers into oar bases (G). To prevent damage to your raft, ensure oar towers DO NOT extend past oar bases. Oar towers can be mounted facing outward at 90-degrees or inward at 22-degrees.
5. Adjust kick bar, oar bases, and oar towers and firmly tighten all set screws and hex bolts. ALWAYS TAKE TOOLS ON THE RIVER!

Anchor Arms:

6. Line up anchor arms (H) with fittings.
7. LARGE arrow: Make sure anchor arms are flush with fitting, DO NOT extend past the tee/fitting.
8. Slide on seat mount (K).
9. Install Lock pins (I) where noted

Lean Bar:

10. Slide ends of lean bar (L) support into tees.
11. Install hex bolts/lock pins and repeat on opposite side. Insert lean bar into

Back Seat:

12. Install Seat (C) into mount bracket (J). Secure seat to mount with seat bolts. Begin by threading bolts by hand, making sure not to cross thread. Tighten with wrench DO NOT overtighten. They should thread easily with no resistance. WD40 will help them tighten smoothly.