



INSTALLATION INSTRUCTIONS FOR REAR CONTAINMENT RAILS

Ranger

TOOLS REQUIRED FOR INSTALLATION: Drill motor, (1) 5/16 inch drill bit, (1) 3/8 inch drill bit, (1) 1/4inch hex wrench. One, 1/2 inch and one 9/16 inch combination wrench. One #3 Phillips point screwdriver or 1/8" square bit for seat removal. A 3" hole-saw will be required for penetrating the fiberglass wall behind the bench seats. A wood chisel or stiff blade scraper, one right angle square, masking tape and a measuring tape will also be required.

Step 1. Check the required parts list enclosed on your shipping order to verify that all parts are present for installation of your rail system.

FULL CONTAINMENT AFT CASTING DECK PARTS LIST:

- a. (4) #500 Universal tube clamps with closure bolts. One each required for connection of P-138 rails to L-237 Rails and 2 each for Coped straight rail.
- b. (2) #200 base mount plate with backing plate, 4 each 5/16"x2.5" SS machine bolts and 4 each 3/8"x3/4" SS hex cap bolts, lock washers and flat washers.
- c. (2) #300 Narrow profile handrail posts base with backing plate, 2 ea 3/8"x24 bolts and 2 each 3/8"x3/4" Hex head bolts.
- d. (2) P-138 standard, P- rail.
- e. (2) L-237 Perimeter rail
- f. (1) #S-487 Straight rail with coped ends.
- g. (1) Packet of anti seize.

REMEMBER TO BE CAUTIOUS AND CAREFUL WITH ALL COMPONENTS AND TOOLS WHILE INSTALLING YOUR RAIL SYSTEM.

Step 2. Thoroughly read the complete set of installation instructions. Failure to install your Fish'n Rail according to the enclosed instructions may void the equipment warranty.

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Step 3. Assistance will be required for this installation. First locate the #300 narrow profile mounting plates on the aft casting deck and behind the seatbacks. Next using the masking tape, place a strip of tape at both ends of each plate (Fig#1). Now remove the bench-seat hardware using a #3 Phillips or square bit. After removing all seat hardware place the bench seat carefully on the aft casting deck (Fig#2). Using a three inch hole-saw, drill a 3" hole through the fiberglass backing support under or near the center of the tape strips at both #300 mounting plates (Fig#3). Remove the foam using the scraper or chisel. Make sure the cavity is clear of all foam and that the backing plates fit flush to the inside surface of the seat back support cavity. After confirming the plates will tighten uniformly, place the #300 mounting plates centered on the tape strips and clear of any locker door swing arcs. Mark the holes on the plate to be drilled and using a 3/8" drill bit, drill 2 holes for each plate. Add anti-seize to the hardware provided and tighten the #300 backing plate bolts. Install the bench seat to its supports and install the hardware.

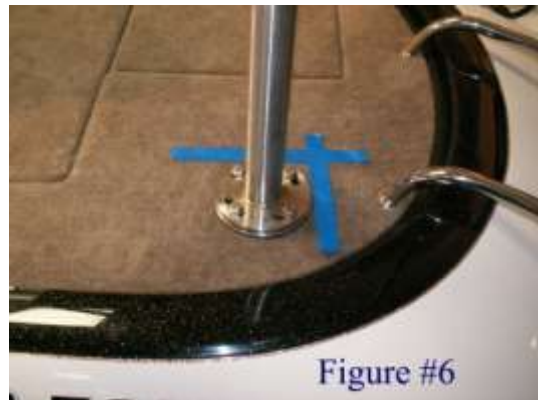
Step 4. Install the L-237 rails (right and left swivel patterns) to the #300 mounting plates with the 3/8" bolts provided. Snug the bolts allowing the piece to swivel on the mounting plate. Remove the backing plate and hardware from the #200 mounting plates and bolt the P-rail to the mounting plate. Next install #500 clamp to one P-rail tube and bolt the L-237 rail to the P-rail (Fig#4). Repeat the same sequence for the opposite side. Measure the elevations of both sides. Now using one of



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the two remaining #500 clamps attach the straight rail to one side and the other of each P-rail. (Fig#5). Locate the assembly until you have squared the total assembly. (Measure L rails and Straight rails elevations to ease squaring of the entire assembly.) Use masking tape to locate the two #200 mounting plates on both sides (Fig#6). Remove the #200 mounting plates from the P-rails and relocate to the masking tape locations. Mark the center of the holes and using the 3/8" drill bit, drill four holes for each mounting plate. Install the backing plate, add anti seize after installing the 5/16"x 18 hardware. Repeat for the second side. Shift the P-rails centered over the mounting plates, add anti seize to the 3/8" bolts and install. At this point installer should check motor clearance to the straight rail connecting the two P-rails. Once again check elevation measurements and alignment of all components. Tighten all hardware.

NOTE TO USER: When removing and reinstalling your Fishing Rail always reapply anti seize to your hardware.



WELCOME BACK TO FISHING !