



INSTALLATION INSTRUCTIONS FOR CONSOLE P-RAIL Ranger

TOOLS REQUIRED FOR INSTALLATION: Drill motor, (1) 5/16 inch drill bit, (1) 13/64 drill bit, (1) 3/16 inch hex wrench (1) 3/32 inch hex wrench. One, 7/16, one, 1/2 inch and one, 9/16 inch combination wrench. One number 3 Phillips screw driver or 1/8" square bit. One right angle square and one partial roll of masking tape will also be required. A tape measure will also be required. A 2.5 inch hole-saw will be required for this installation. Installer will also need a wood chisel or comparable stiff blade to remove foam. Safety goggles or glasses are also 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.

CONSOLE MOUNTED P-RAIL PARTS LIST.

- a. (2) #500 Universal tube clamps with closure bolts. One each required for connection of P-138 rail to starboard wall and to forward locker wall mounting devices.
- b. (1) #700 Side brace adjustable swivel brace with 3 each, 5/16"x18x3/4" bolts and lock washers.
- c. (1) #450 Extending side brace mounting plate with backing plate and hardware. This part is for mounting to the forward locker wall and under the step on most craft.
- d. (1) #400 Side brace mounting pad with backing plate and 3 ea 1/4"x2.5" SS bolts with Nylock hex nuts. One, 1/4" SS backing plate is supplied for the back side of the #400 mounting bracket.
- e. (1) #750 Extended reach, adjustable side brace, with swivel.
- f. (1) #P-138 Rail
- g. (1) #200 Standard mounting base with hardware.

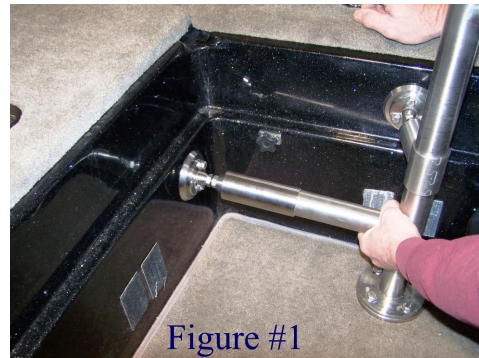


REMEMBER TO BE CAUTIOUS AND CAREFUL WITH ALL COMPONENTS AND TOOLS WHILE INSTALLING YOUR RAIL SYSTEM.

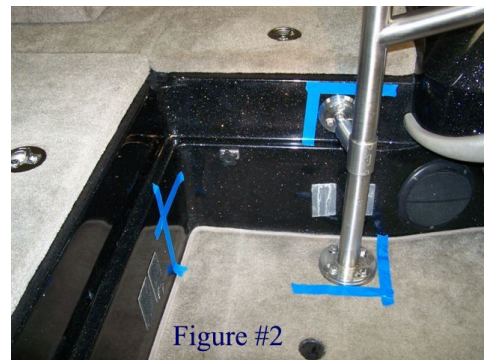
Step 2. Thoroughly read the complete set of installation instructions. Failure to install your Fish'n Rail according to the enclosed instructions may void the equipment warranty.

Step 3. Remove front casting deck step. Using one #500 rail-clamp and the P138 rail insert the clamp into the #750 extendable rail, coped end over the clamp, add anti seize to the threaded fastener and install. Tighten the rail only tight enough to keep the clamp from sliding on the P-rail. Verify you have clearance from under the step to the #450. Repeat the same installation with the #700 Side brace swivel and #500 rail clamp. Add anti-seize and tighten hardware only enough to keep the clamp from sliding on the P-rail. The #700 clamp should extend starboard from the P-rail to the starboard locker and above the #750 mounting fixture and clamp as close to 90 degrees as is possible.

Step 4. Next, assemble the #450 mounting pad to the flange of the #750 Side Brace. Assemble the #400 mounting pad to the #700 Swivel mounting pad and the #200 pad to the floor flange of the P-rail. Adjust the #700 Swivel and the #750 swivel to the desired length for this fitting.

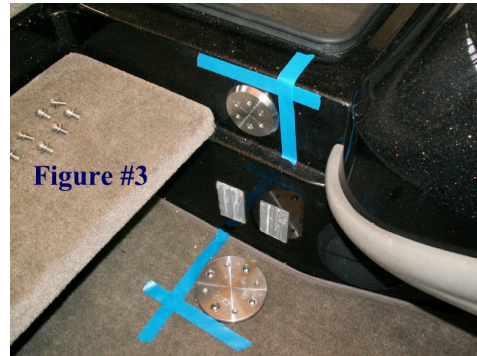


Step 5. Move the complete assembly, less backing plates, to the location desired (Fig#1). Once assembly is positioned use two pieces of tape to locate all three mounting pads. Remove the assembly (Fig #2).



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Step 6. Remove the hardware from the mounting pads. Using the mounting pads and the tape location. Mark holes for #450 mounting plate on the front locker wall, the #400 mounting plate on the starboard locker wall and the #200 to the deck of the boat (Fig #3). Using the 2.5" hole saw, cut on the center mark for the #450 pad. Remove the drillings and use the stiff edge tool to remove enough interior foam to allow the #450 backing plate to be inserted into the hole. Install the provided tie wrap through the center hole of the backing plate and the #450 mounting pad. Align the hardware, add anti seize and tighten the bolts to the backing plate.



Step 7. Locate the #400 mounting plate to the tape on the starboard wall (Fig. #3). Mark the holes and using the 5/16" drill bit, drill the three holes for mounting the #400. Position the #400 and install the backing plate inside the starboard locker (Fig. #4). Length may need adjusting on the #750 and/or the #700 swivel. When positioned tighten the hex set screw on the back of the plates. Add anti seize and tighten hardware.



Step 8. Locate the #200 plate to the tape on the deck (Fig #3) and pilot the four mounting holes using the 13/64" drill bit. (Fig# Locate the #200 over the pilot holes and install the floor mounting screws.

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Step 9. Reposition the P-rail, add anti seize to the hardware and install. Check alignment and tighten hardware. (Figure #5).



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

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