



Proper Union to Manifold Connection

Step 1: Stretch O-Ring as shown in figure (1).

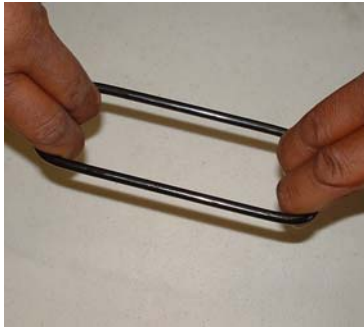


Figure (1)

Step 2: Put lubricant on tailpiece groove to hold O-Ring in place as shown in figure (2).



Figure (2)

Step 3: Insert stretched O-Ring in lubricated groove as shown in figure (3). O-Ring must sit flat in groove as shown.





Figure (3)

Step 4: Make sure Manifold is fixed to the Control Box and Control Box legs securely fastened to spa floor.

Step 5: Hold tailpiece with O-Ring butting flat against Manifold as shown in figure (5), (6), and (7) (this is the seal between the tailpiece and the manifold).

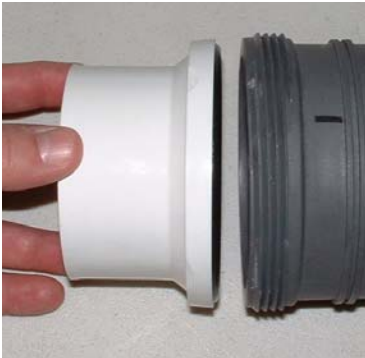


Figure (5)

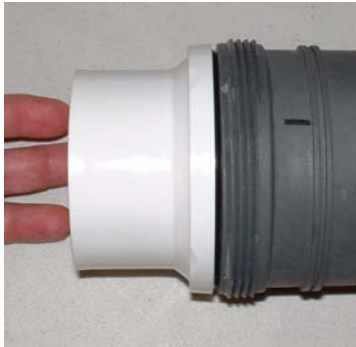


Figure (6)



Figure (7)



Step 6: While holding tailpiece against manifold in one hand, use the other hand to rotate the nut and secure against male threaded manifold. As you can see in figures (8), (9), and (10) rotate nut 3 1/3 revolutions to hand tighten, then use channel-lock (see figure (11)) for another approximately 1/4 turn to secure nut and squeeze O-Ring seal.



Figure (8)



Figure (9)

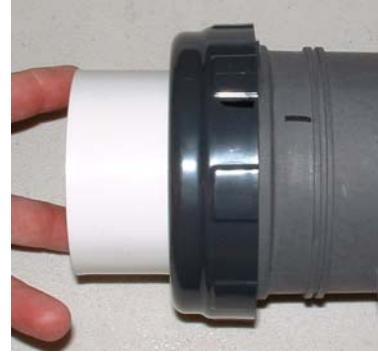


Figure (10)



Figure (11)