

I have a CAT800 hot tub bought in August of 2004. It has been working just fine until recently. Usually I leave my system on year-round; however, it gets the majority of its use in the colder months (I'm in NJ). This year I noticed that more water was needing to be added than I could justify as being due to evaporation, so this past summer I decided to shut off the system and allow it to "leak" off to the point where I could then determine (based on the height of the standing water) where the leak was.

I found "one" leak (hint: there are more). Turned out to just be the drain-hose connection (see below), so I just put some plumber's pipe tape around it and that was that...



So, I proceeded to clean and refill the tub and that's when things got bad. There were no noticeable leaks after simply filling the system. I turned on the pumps individually, purged the air and all was still ok. Shortly after this though there was at least one leak (bad: spraying), right at the union into the heater (see below)...



So, I am looking for the parts-list I would need to be able to replace the seals (assuming there are O-rings or something in there) at the union. I may as well replace both sides (right?). Also, since there was water "spraying" out at that point, I'm not sure if there may be other leaks (how likely is that?). Would I be best off to replace the seals in the pumps as well? If yes, can you point me to the correct parts based on my system being a CAT800? I can take more pictures if that would be helpful. Any other preventative maintenance you could recommend at this point would be helpful. I may as well do it while I have the system opened (I'm also re-finishing the wood panels, so the tub is getting a make-over).

If you've actually read through all this, thanks for your help and patience!