

MB-6 CODELINE MEMBRANE HOUSING

Early Spectra watermakers used a white Code Line brand membrane housing. Current models use a black Spectra brand membrane housing. Code Line no longer manufactures this housing and does not supply spare parts. If the fittings or end plugs on the Codeline housing are leaking, or you wish to remove or replace the membrane, proceed as follows. It is only necessary to remove the end plug on the "HIGH PRESSURE INLET/BRINE SEAL" end of the housing when replacing the membrane.

Loosen the two allen screws that hold the retaining plates in and wiggle the plates to the inside until they come off. Next pull and twist the plug until it comes out. The big o-ring will either come out or be stuck against the pressure vessel wall. The little o-ring in the center port seals the product water from the brine. It will stay in the plug.

If you wish to remove the membrane carefully grasp anti-telescoping device (the wheel like plastic disc holding the product tube) with a pair of pliers and pull the membrane out of the housing. If the membrane is to be reused be careful not to mar the o-ring seating surface on the outside of the product tube. Keep the membrane moist, it will be damaged if allowed to dry out.

Once the plug is out you can hold it in a vise to get the fittings out. Do not damage the O-ring seating area. Clean up all the parts the best you can. If there is any corrosion where the o-rings seat, feather it out the best you can with wet sand paper and scotch bright. An extremely limited amount of replacement stainless steel fittings and O-rings are still available as a special order from Spectra Watermakers. Use a good pipe sealant on the pipe threads.

To reassemble, first install a plug in the brine outlet end of the housing with the product O-ring already in place in the plug. A little silicon grease on the o-rings will help assembly. When you put the plug back in place be very careful to only push it in just enough to get the clip in. If the plug goes too far in and you have to pull it back out the big o-ring can slide off the end and it will leak. The membrane will have a black rubber brine seal ring on one end. Insert the membrane into the housing so that the end without the brine seal goes into the housing first. Install the other end plug following the instructions above.

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