

## **Conductive Water Detect Kit Installation Instructions**

**For Use By Qualified Service Personnel ONLY.**

For information on NuWhirl Instructions, see:  
[www.nuwhirl.com/docs/product-instructions.html](http://www.nuwhirl.com/docs/product-instructions.html)

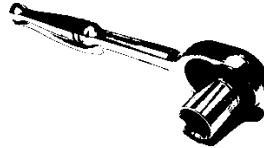
**WARNING:** Use and follow these instructions along with all instructions that have been provided.

**Save these instructions.**

## Figure 1: Tools Needed for Installation



**Silicone Sealant  
& Gun**



**Socket Wrench**



**Drill with 9/64"  
Drill Bit**

## Installation Procedure

Turn the tub's power off. Note that it might be fed from more than one power source. The preferred Water Detection Screw install location is in a long, straight section of the large Pump Suction Line, away from any fittings such as elbows, that may cause turbulence, air pockets, etc.

- Mark two horizontal drill locations with a minimum spacing between each of approximately 6" (150mm) or more.

**WARNING: Do not install into the top or bottom of the pipe, or problems may result.**

- Drill the two holes using a 9/64" drill bit.
- Remove all burrs on both the outside and the inside of the holes, which may trap hair, etc.

# Conductive Water Detect Kit

## Installation Instructions

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**Note:** For the following steps, use only the supplied stainless steel screws.

- Slip one of the Cable's Ring Terminals over the first screw. Install the screw into the pipe using a Socket Wrench (preferred tool).
- When there is about 1/4" of the screw remaining, seal it with a bead of silicone, and then tighten the screw snugly.
- Repeat with the second screw.

**WARNING:** Overtightening may result in breakage.

- Route the cable to the controller.
- Plug the cable into the controller's corresponding "Water Detect" Connector.
- Turn the power on.
- With the tub empty, follow the tub's instructions to turn on the water-level-dependent function (pump, etc.).

**Note:** The function should *not* turn on.

- Fill the tub to at least cover the highest jet.
- Check the screws for water leakage.
- Follow the tub's instructions to turn on the water-level-dependent function (pump, etc.).
- The function should turn on.
- **Installation is complete!**

### Troubleshooting an Existing Installation:

- If the tub worked previously, the screws may have become fouled with use.
- Remove the screws, and thoroughly clean them and the Ring Terminals.
- Inspect the holes for burrs, etc. and correct as necessary.
- Temporarily seal the holes with a suitable means (duct tape, etc.).
- Clip the two Ring Terminals together to simulate water detection.
- Fill the tub to at least cover the highest jet.
- Run the pump for a period of time to allow the clearing of the Suction Line.
- Drain the tub, and re-install as described above.

