




SS Geosub Pump & Controller


Basic Operation

- Plug power cord into controller.
- Plug power cord into AC. supply outlet.
- Wait for initialization sequence to complete
- From main menu:

RT=START	#nn
U=SETUP	D=WELL
- Press  to start the pump at default settings.

STARTING	#nn
PLEASE WAIT	
- Wait for pump start up to finish

PUMPING WELL	#nn
nnn DR ON	nn
- Press  or  to adjust pump speed to achieve desired flow rate

PUMPING WELL	#nn
nnn DR ON	nn
- Pump water at desired pump speed.
- Press  to stop pump and return to main menu.

Setting Dry Run

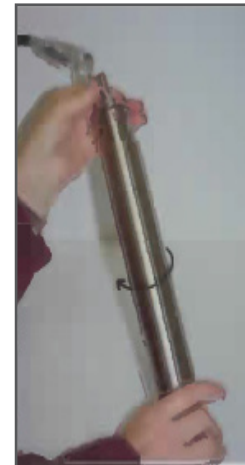
NOTE: Set point must be above 1DO for Dry Run protection to be activated.

- Press  to toggle Dry Run ON and OFF.

NOTE: Loading Well #0 will load default start up configuration.

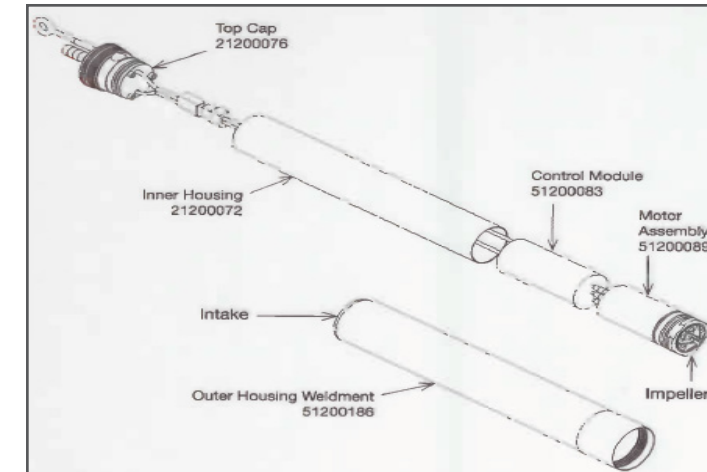
Dis-assembly and cleaning

- Disconnect pump cable from controller.
- Unscrew outer housing (No tools needed).
- Remove inner housing by pulling apart, slightly twisting while pulling may help.
- the control module may become disconnected from the motor lead while pulling apart, this is normal
- Remove motor assembly from inner housing by pulling apart, slightly twisting while pulling may help
- Inspect motor assembly, impeller, and control module for damage or wear
- Inspect internal wires for cuts or breaks, making sure wires have insulation covering them.
- Inspect all O-rings for nicks, cuts, brittleness.
- Decontaminate outer and inner housing.
- Decontaminate the motor assembly and control module.
- Decontaminate top cap and hose barb.
- Clean all threads thoroughly to make sure nothing will bind them.
- Insert motor assembly back into inner housing, be careful not to damage O-rings.
- Connect control module wires back onto motor lead.



Note: A very small amount of inert grease or water may be used to help lubricate O-ring seals.

- Twist the motor assembly and inner housing assembly 180 degrees, coiling the wires to create more room.
- Push the inner housing over the top cap, **be careful not to damage O-rings.**
- Install the outer housing **making sure the threads do not bind**



Parts

Part	Part
1. SS Geosub Controller 300 W 120 V	81200034
2. SS Geosub Controller 300 W 230 V	81200035
3. Manual	11200813
4. Gold Connectors & Heat Shrink	11200754
5. O - Ring Kit	51200088
6. Check Valve (Option)	81200033