# Installation Guide

**NexPump®**
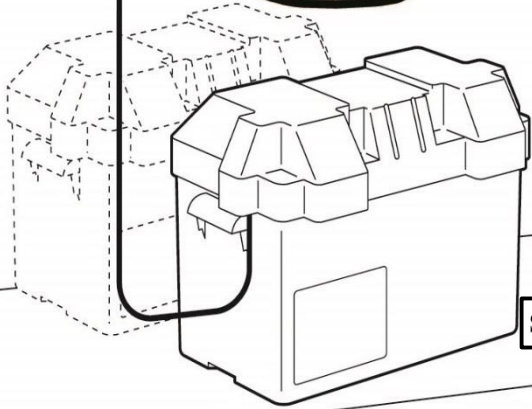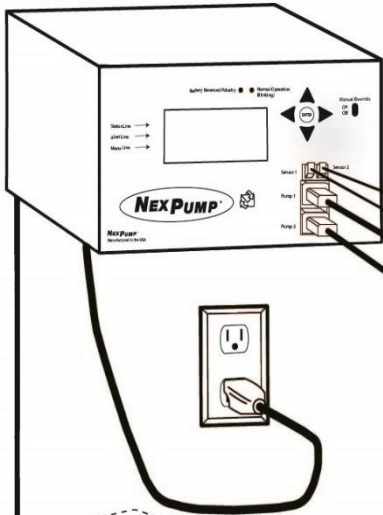
After installation is complete, verify battery type, battery amp hours, mode type and turn on battery charger. This is done in the Configuration Menu.

*Can be installed with separate discharges or with a wye.

Use cable ties sparingly to secure all pump and sensor cables along PVC. Make sure cables DO NOT interfere with sensor operation!!
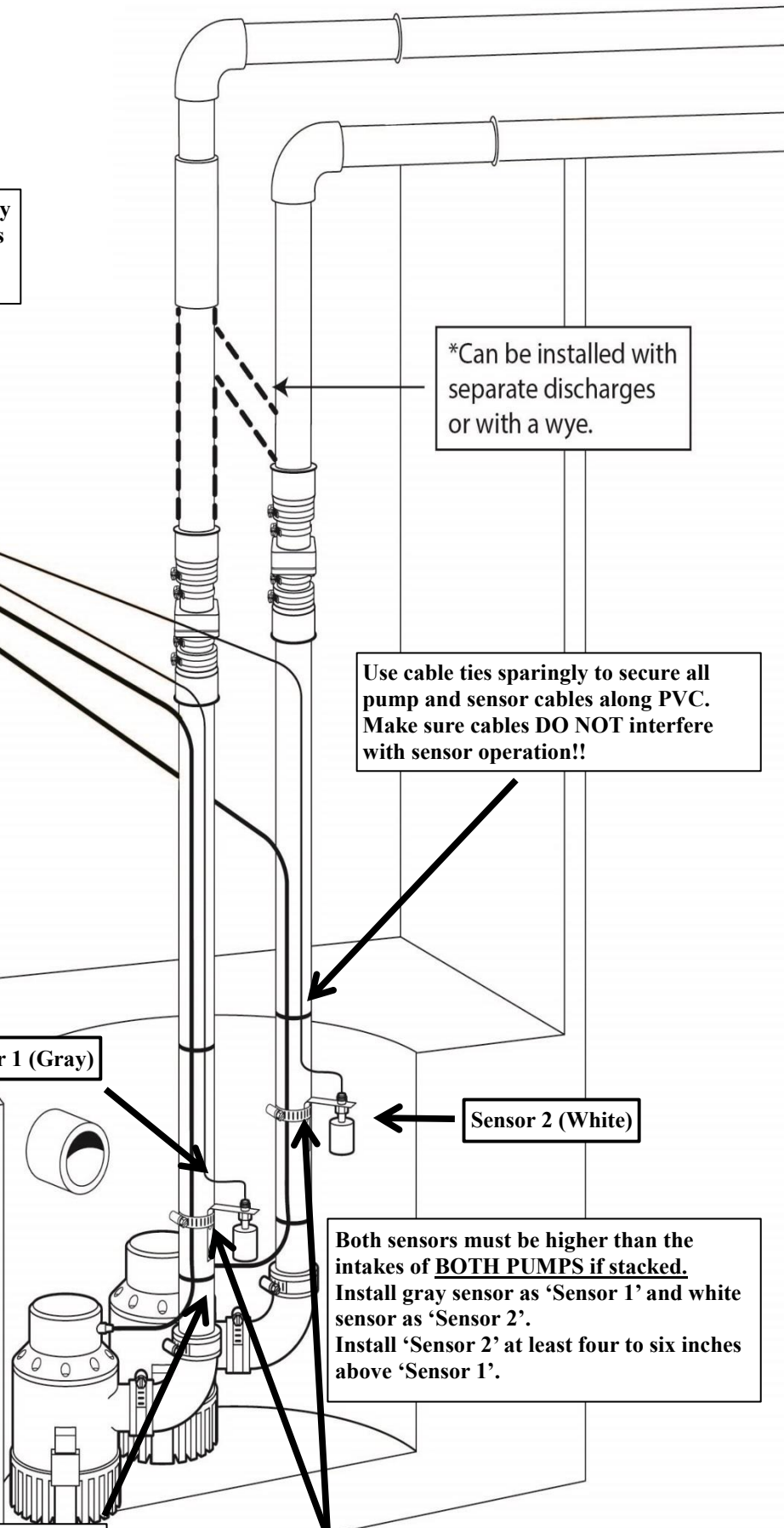
Sensor 1 (Gray)

Sensor 2 (White)

Tighten battery terminals securely with pliers. <u>Terminals should NOT be just finger tight!!</u>

Both sensors must be higher than the intakes of <u>BOTH PUMPS if stacked.</u>
Install gray sensor as 'Sensor 1' and white sensor as 'Sensor 2'.
Install 'Sensor 2' at least four to six inches above 'Sensor 1'.

Install multiple batteries in
**\*\*\*\*PARALLEL ONLY!!**
<u>DO NOT CONNECT BATTERIES IN SERIES!!</u>
or
**\*\*\*\*Damage to unit will result!!**

Drill a 1/8" air relief hole in each vertical discharge PVC pipe. Angle the drill hole downward, so water will spray into the pit area and position the hole about 2 inches above the top of the elbow.
<u>Use ONLY a 1/8" drill bit!!</u>
<u>DO NOT DRILL INTO THE PUMP OR THE ELBOW!!</u>

SS mounting clamps used to attach the sensor bracket to the PVC.

# Installation Check List

**Pre-Power up - (DO NOT connect the NexPump to electric power or to the battery before verifying these steps)**
1. Pump adapters are tightened and installed correctly.
2. Check valves are tightened and installed correctly.
3. 1/8" vent hole on each vertical discharge PVC. About two inches above top of elbow. **DO NOT DRILL IN PUMP OR ELBOW!**
4. Vent hole(s) are NOT blocked by sensor clamps, nylon ties or cables.
5. If dual pumps installed and pumps are stacked, Pump 1 is the lowest installed pump.
6. If pumps are stacked, Sensor 1 is installed above both pumps intake.
7. Nylon wire ties installed to PVC to secure and provide strain relief for sensor wires.
8. Nylon wire ties installed to secure pump wires to PVC.
9. All cables are secure and DO NOT interfere with sensor operations.
10. If using multiple batteries, verify they are inter-connected in parallel. Negative to negative, positive to positive.
11. Gray sensor is installed as Sensor 1 and positioned correctly.
12. White sensor is installed as Sensor 2 and positioned approximately 6 inches above Sensor 1.
13. Control unit is NOT on floor, NOT on a battery and at least 12 inches are allowed on both sides for ventilation.
14. *AN Models only-* use a phone line with an RJ11 connecter ONLY.
15. *AN Models only-* Plug supplied surge protector into electric outlet.
16. *AN Models only-* Plug all phone lines to surge protector. Wall to input, NexPump to output.

## Power up
1. Override switch is turned off.
2. Gray sensor is inserted as Sensor 1 and connector is latched.
3. White sensor is inserted as Sensor 2 and connector is latched.
4. Pump 1 is inserted and connector is latched. **(If AiTurbo, Pump 1 MUST be pump with RED wire loom)**
5. If dual pump, Pump 2 is inserted and connector is latched.
6. Plug NexPump control unit into wall output **(If *AN Model* plug NexPump into surge protector)**
7. If using multiple batteries, they **MUST BE CONNECTED IN PARALLEL. DO NOT CONNECT BATTERIES IN SERIES!**
8. Connect NexPump battery cable securely to battery - Black to Negative, Red/Black to Positive.
9. Verify no alarms *(refer to display if alarm is sounding)*.
10. Wait until initial self-test has completed *(will start after approximately 2 minutes)*.
11. Verify no alarms *(refer to display if alarm is sounding)*.
12. Turn on battery charger and enter in correct battery amp/hours, battery type, and mode type. *(Can be found in configuration menu)*
13. Review owner's manual for other information and settings.
14. Notification setup (Phone Line) - Perform manual test to verify phone line is connected.
15. Notification setup (LAN) - Setup connection per LAN section in user's manual.
16. Notification setup, Register your NexPump, See instruction below.
17. Installation is complete.

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### Box Contents
Qty. 1 - NexPump Ai System Unit
 *(AN - Phone Notification Module Installed)*
 *(Ani, ENi – Wired Internet Notification Module Installed)*
 *(ANiw, ENiw – Wireless Internet Notification Module Installed)*

**Model Ai Single**
 Qty. 1 - High Capacity Pump w/Adapter
**Model Ai Dual**
 Qty. 2 - High Capacity Pumps w/Adapters
**Model Ai Jet**
 Qty. 1 - Ultra Capacity Pump w/Adapter
**Model Ai Turbo**
 Qty. 1 - High Capacity Pump w/Adapter
 Qty. 1 - Ultra Capacity Pump w/Adapter
**Model Ai Rage**
 Qty. 2 - Ultra Capacity Pumps w/Adapters


Qty. 1 - Gray Sensor with SS mounting clamp (Sensor 1)
Qty. 1 - White Sensor with SS mounting clamp (Sensor 2)
Qty. 1 - Owner's Manual

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### To Register your NexPump

1. Go to "http://www.nexpump.com", see support card on unit.

2. Click "Register My NexPump" in top right corner of web page.

3. Enter complete serial number (include letters) and your complete PIN number on initial registration page.

4. On the next page enter all required information, after a successful registration you will receive a confirming email.

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### Contact Information

Phone - 630-365-4639
Support Phone - 630-365-4639 Option 2
Support Email - support@nexpump.com
Sales Email - sales@nexpump.com
Website – www.nexpump.com