

Deck Wash Pump User Manual



Thank you for your recent Savwinch purchase. We pride ourselves on producing industry-leading innovative products and providing excellent customer service. We endeavor to meet and exceed your needs, ensuring you get many years of effective and enjoyable use from your Savwinch product.

This manual provides essential safety, installation, and operating instructions for your new Deck Wash Pump.



Installation

Location: Mount the pump on a solid surface above the water line in a dry area with adequate ventilation.

Orientation: The pump can be mounted horizontally or vertically. If mounting vertically, ensure the pump head is facing down to protect the motor in case of leaks.

Vibration Dampening: Use the provided rubber dampening feet when bolting or screwing the pump to the surface.

Submersion: NEVER submerge the pump. It is not a submersible unit.

Horizontal Mounting



Vertical Mounting



Installing the Plumbing

Flow Direction: Observe the arrow on the pump head indicating flow direction. Standard flow is typically left to right (Inlet to Outlet).

Preparation: Please remove the plastic end caps located in the inlet and outlet of the pump

Hose Selection: Use flexible hose with a size corresponding to the fittings included with your kit. Use stainless steel hose clamps per fitting to prevent leaks.

Securing Fittings: -Insert the **Strainer onto the inlet side of the deck wash pump.

-Insert the plastic fittings (O-ring side first) into the pump head. Please note various size fittings have been provided and select the fittings most appropriate for your hose size.

-Push the retaining clips in to firmly secure the fittings.

-Check: Ensure the *Retaining Clips are engaged.

Hose Attachment: Attach the hose trigger gun firmly to the outlet



Wiring diagram

CAUTION: Electrical wiring should be performed by a qualified and competent person in accordance with all local and national electrical codes.

1. **Polarity:** DO NOT cross wires. Connect Red to Positive (+) and Black to Negative (-). Reversing polarity can cause the pump to run backward or fail.

2. **Fuse Protection:** Install the inline fuse or circuit breaker on the Positive (Red) wire as close to the battery as possible.

Note: Always install the proper fuse size as outlined on the product label to prevent fire hazards or malfunction.

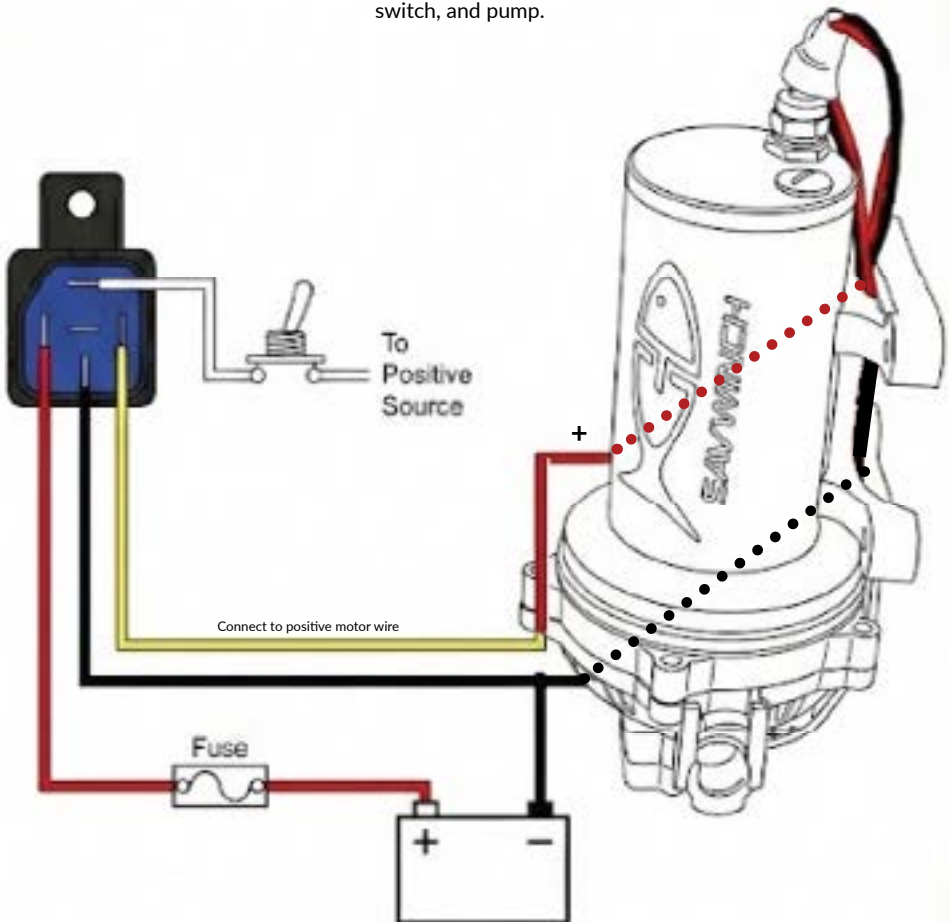
3. **Waterproofing:**

Keep all wire connections above the highest water level.

Use marine-grade heat shrink butt connectors and marine-grade sealant for all wire joins to prevent corrosion.

Mount the relay in a dry, high location. While the relay is waterproof, terminals should not be exposed.

*Refer to the diagram below for the correct configuration of the battery, fuse, switch, and pump.



General Safety & Warnings

Intended Use: This pump is designed for use with fresh water and salt water ONLY. Use with any other fluid could result in damage to the pump and surrounding environment, or exposure to hazardous substances.

Explosion Hazard: DO NOT use this pump for pumping gasoline or other flammable liquids. Doing so may result in an explosion causing personal injury, death, or property damage.

Electrical Safety: Disconnect power from the system before working on the unit to avoid personal injury or damage to the unit.

Damaged Units: Do not use the pump if it presents damage such as a burned or broken pressure switch, or exposed electric wires/contacts.

Automatic Start: This pump has an integrated pressure switch. When connected to power, it can start automatically without warning if the pressure drops below the switch shut-off level.



Maintenance & Care

To ensure the longevity of your Savwinch Deck Wash Pump, perform the following regular maintenance:

Corrosion Protection: Regularly spray all electrical terminals, switchgear, and the motor housing with Lanolin or a quality marine corrosion inhibitor.

Vibration Check: Vibration can loosen components over time. Regularly check that all hose clamps, plumbing fittings, and mounting screws are tight.

Winterising: If freezing weather is expected, drain the pump and plumbing system to prevent damage.

Rince & flush: Ensure you rinse with fresh water after use.

