



Wash Down Pump

11574

Installation Instructions

Attwood marine hardware, navigational lighting, bilge pumps, and other marine accessories are specified more than any other brand by America's best-known boat manufacturers as original equipment. Look to Attwood for quality replacement parts and marine accessories.

SAVE THESE INSTRUCTIONS

Form Number 69304 Rev. B

03-10

FEATURES

The Attwood Wash Down Pump is a self-priming, positive displacement pump that can be mounted in any position in well-ventilated compartments. Connect to 12-volt DC systems only.

The pump accepts $\frac{3}{4}$ " (19mm) hose fittings. All connections must be airtight to maintain prime. Use reinforced suction hose to prevent kinking and collapsing.

Performance ratings below are based on amount of gallons exhausted per hour (GPH). GPH measurements are typical of production pumps tested using smooth-bore hoses, at 0 head. "Head" refers to the vertical distance between the pump nozzle and the water discharge location. GPH is reduced as head is increased.

Pump Part Number	GPH 0' Head Amps	Max Head	Amp Fuse
11574	330 330	20'	10

WARNING

To prevent personal injury, always disconnect the power source when installing or servicing any electrical product. Remove vessel from water when using any 110/120 VAC power tools.

DO NOT use pump to remove gasoline, oil, or any other flammable liquids. The pump motor is not waterproof or explosion proof and must be mounted in a cool, dry, well-ventilated compartment.

Always use the fuse amperage rating specified for the pump. Failure to do so could result in serious personal injury or fire hazards.

CAUTION

Do not run this pump dry. Damage to the impeller will result.

REQUIRED FOR INSTALLATION

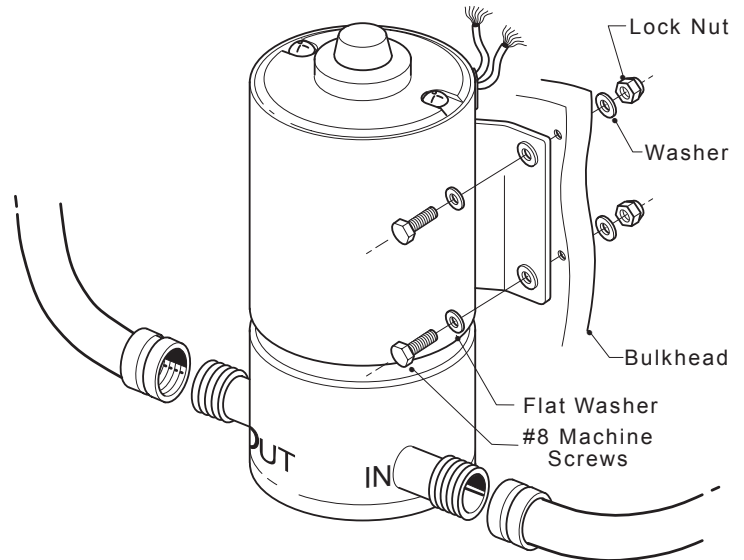
- Drill and suitable bits.
- Screwdriver.
- Four stainless steel #8 pan head machine screws, with four stainless flat washers and locknuts.
- Marine-grade wire connectors.
- Brown and black #12 AWG stranded copper conductors with 105° C insulation.
- In-line 10-ampere fuse holder and 10-ampere fuse.
- Suitable waterproof electrical splice connectors.

MOUNTING INSTRUCTIONS

Choose a mounting location on a bulkhead that will support the pump weight when it is subjected to the vibration and shifting of boat operation. Maximum height above water intake is 4' (122cm).

1. Use mounting feet as template to mark holes. Drill four $\frac{5}{32}$ " (4mm) clearance holes for mounting bolts.
2. Fasten pump with four stainless steel #8 machine screws, flat washers, and locknuts. (See Figure 1.)
3. Route the intake and discharge hoses slightly above the pump so a small amount of water remains in the pump to wet and lubricate the impeller.

Figure 1



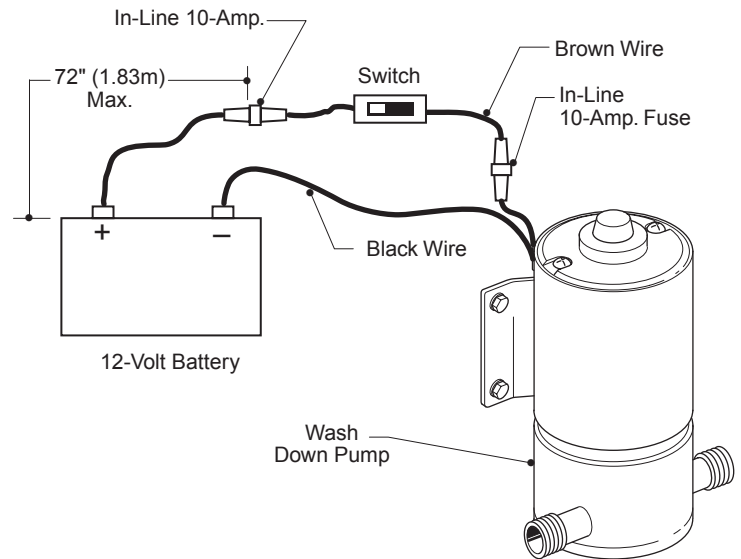
WIRING INSTRUCTIONS

Make all wire connections above the highest possible water level, using marine-grade wire connectors only. Waterproof all connections with suitable materials.

NOTE: Failure to waterproof the connections and fuse the pump properly will void the product warranty.

1. Splice length of brown and black 12-gauge wire to pump wiring. Wire must be long enough to reach existing ON/OFF switch and battery.
2. Use insulated terminal connectors to connect positive lead (brown) to the ON/OFF switch. Connect negative lead (black) to ground. (See Figure 2.)

Figure 2



3. Install a second fuse holder to protect wiring between the switch and the battery.
4. If wiring directly from battery (rather than fuse panel) select an easily accessible location for changing fuses. Splice fuse holder into positive lead (brown). The fuse holder must be installed within 72" (183cm) of the positive (+) battery terminal.
5. To check system, feed water into the pump. If flow appears to be too low, check for hose restrictions. Make sure wires have been connected properly: Brown to positive lead (switch), and black to negative lead.

MAINTENANCE

1. Periodically check mounting screws, hose fittings, and wire connections.
2. The impeller will wear after extended use. To replace, remove four screws and plate from pump end. Replace impeller with Attwood Part Number 11576.
3. To prevent pump damage, drain the pump chamber if temperatures are below freezing.