



Maintenance Sump Pump

- ⚠ WARNING: Risk of electric shock.** Always disconnect the power supply before attempting to install, service or perform maintenance on the pump.
- ⚠ WARNING:** All repairs must be made by a qualified technician.
- ⚠ CAUTION:** This submersible pump contains oil which may become pressurized and hot under normal operating conditions – allow the pump to cool for 2-3 hours before servicing.

1. The pump motor is hermetically sealed in the housing and does not require any service. Disassembly of the motor housing or modification of the power cord voids the warranty.
2. Periodically check the sump basin for accumulation of mud, silt, sand and foreign objects. Clean the basin as needed to prevent damage or clogging of the pump.
3. Periodically check the intake for obstructions. Clean if necessary.
4. Periodically inspect and clean the anti-airlock hole.
5. Inspect the float switch for any accumulated sediment or debris that may inhibit it from operating properly. Clean if necessary.
6. Inspect the power cord for signs of damage or wear. Do not operate the pump if the cord is damaged or worn.
7. In applications where the pump may not activate for extended periods of time, it is recommended to cycle the pump at least once per month to ensure the pumping system is working properly when needed.

Troubleshooting

Problem	Possible Causes	How To Correct
If the pump does not start or run	Pump is not plugged in; switch or breaker is turned off	Plug pump in or turn on switch/breaker
	Check for blown fuses or tripped circuit breakers or tripped GFCI outlets	Replace fuse, reset circuit breaker, reset GFCI outlet
	Float switch is defective	Check and replace if necessary
	Motor thermal protector tripped	Allow pump to cool. Pump will reset automatically.
	Float switch is stuck or obstructed	Remove obstruction or position pump so the float switch will operate freely.
The pump starts and stops too often	Back-flow of water from discharge hose/pipe	Install or replace check valve. If check valve is installed, check for broken or leaking valve and replace if necessary.
	Float switch is defective	Replace float switch
If the pump runs, but moves little or no water	Clogged discharge hose/pipe	Remove clog
	Frozen discharge hose/pipe	Allow hose/pipe to thaw
	Pump is air locked	Check airlock hole for clogs and clean if necessary
	Low line voltage	Check wire size and increase if necessary
	Check valve is stuck in the closed position	Inspect, repair or replace if necessary
	Check valve is installed backwards	Make sure check valve is installed in the correct direction of flow
	Clogged intake screen	Clean or replace screen
	Worn, damaged or clogged pump parts	Inspect for wear, damage or clog and clean or replace part if necessary
	Discharge height exceeds pump capacity	See performance chart for pump limitations
Pump does not shut off	Float switch is obstructed or stuck	Remove obstruction
	Defective float switch	Replace float switch

Manufactured under license by:
Pedrollo Group Inc.
45 Maryland Ave East
St. Paul, Minnesota 55117
© 2022 DEWALT.

DEWALT®, GUARANTEED TOUGH® and the yellow/black color scheme are trademarks for DEWALT power tools, outdoor equipment, accessories, anchors and concrete adhesives.
Product may differ from that pictured. Does not affect function.