SHURflo RV & Marine Switch Adjustment

SHURflo pump switches are factory set for optimum performance. Some fine tuning and service or maintenance may need to be performed.

Reasons to adjust the switch*:

Factory

Plumbing system tests:

Adjust ↑: Pump cycles

Ψ: Pump takes too long to shut off; positive shut-off.

Dealer & Service Tech

Adjust ♠: Pump cycles excessively (causing noise?).

Ψ: Long time for pump shut-off; positive shut-off.

Owner

Adjust \uparrow : Low water usage, such as brushing teeth; cycling.

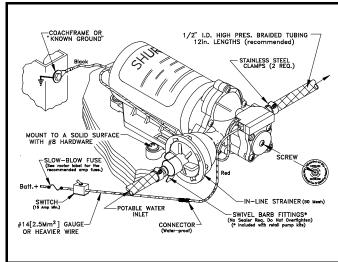
↑: Restrictive fixtures or water filters; cycling.

↑: Unit is old and switch is weakening; cycling.

\Psi: Fixtures that require lower operating pressures.

How to adjust*

- * Run fixtures separately at highest normal voltage.
- * Find the most restrictive run.
- * Check for clogged fixtures and filter cartridges.
- * Turn screw clockwise to raise shut-off pressure, counter-clockwise to lower shutoff pressure.



SWITCH SHUT-OFF ADJUSTMENT

Restrictions in a plumbing system may cause the pump to rapid cycle (ON/OFF within 2 sec.) during low flow demands. Cycling should be minimized to prevent pulsating flow, and to achieve maximum pump life.

To determine if adjustment is necessary, turn a faucet ON to lower than average flow of water. The pump should cycle, but its "OFF time" must be 2 sec. or longer. If the cycling is correct, leave well enough alone. If the pump is cycling rapidly increase the setting by turning the screw clockwise (1½ turn MAX.) until the pump operates for 1 sec. with at least 2 sec. "OFF time". If cycling cannot be minimized consider removing plumbing restrictions or simply install a SHURflo Accumulator.

Still confused? Talk directly to a SHURflo technician: 800-762-8094 East Coast, 800-854-3218 West Coast.

^{*}Adjustment procedures can result in high pressures and should be performed by qualified personnel only. SHURflo takes no liability for any problems arising from any switch adjustment or product modification.