

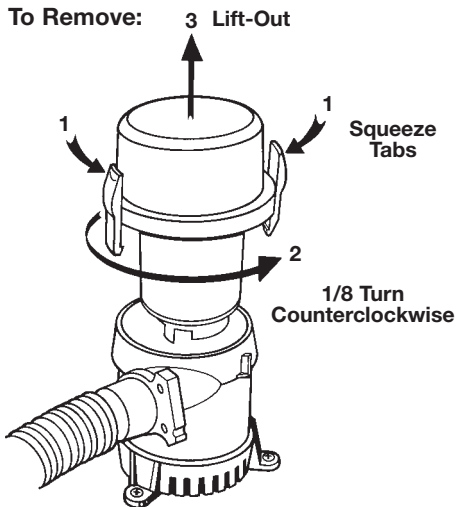


a xylem brand

Replacement Motor Cartridge Installation

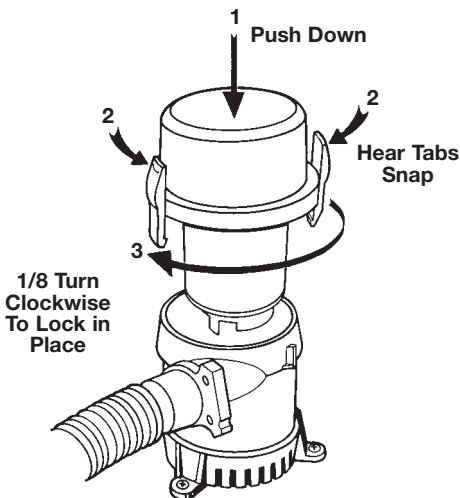
1. Disconnect positive and negative leads from motor cartridge to be replaced
2. To remove the motor cartridge, squeeze both locking tabs and turn motor counterclockwise until it stops. Lift motor out.

To Remove:

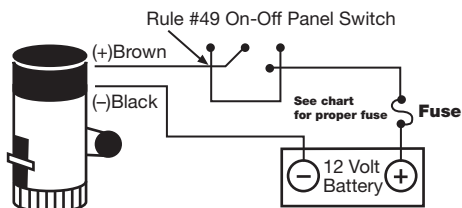


1. Insert new motor cartridge making sure both tabs latch in place and then turn clockwise until it locks.

To Install:



ELECTRICAL



1. Normal installation requires 16 Gauge wire. For installations over 25' (7.6 m) use 14 Gauge wire.
2. Brown (+) wire is positive and connects to the positive terminal of the battery. Black (-) wire is negative and connects to the negative terminal of the battery.
3. Install the proper fuse (see chart) in the brown wire close to the positive terminal of the battery.
4. For automatic operation, install a Rule[®] float switch (#35, #37, or #40). Special wiring instructions are included in each float switch.

NOTE: Keep all wire connections above highest possible water level. Seal all wire connections with waterproof connectors or a suitable marine sealant to prevent corrosion.

SPECIFICATIONS

MODEL	Output Open Flow (GPH) (LPH)	Output 3.35' (GPH) 1 m (LPH)	Output 6.7' (GPH) 2 m (LPH)	Thru Hull & Hose Size	Fuse Size (Amps)
25DR 12 volts	500 (1890)	360 (1363)	260 (984)	3/4" 19mm	2.5
20RR 12 volts	700 (2650)	500 (1890)	360 (1363)	3/4" 19mm	5.0
27DR 12 volts	1100 (4160)	860 (3255)	600 (2271)	1-1/8" 28 mm	6.0

NOTE: Output is based on 10 hour break-in period and at 13.6 v (12v models) or 27.2 v (24 v models)

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