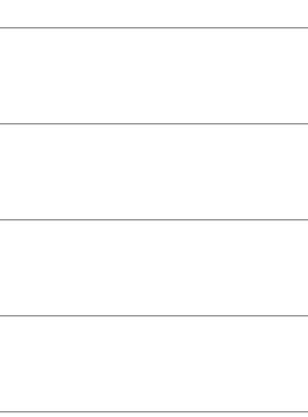
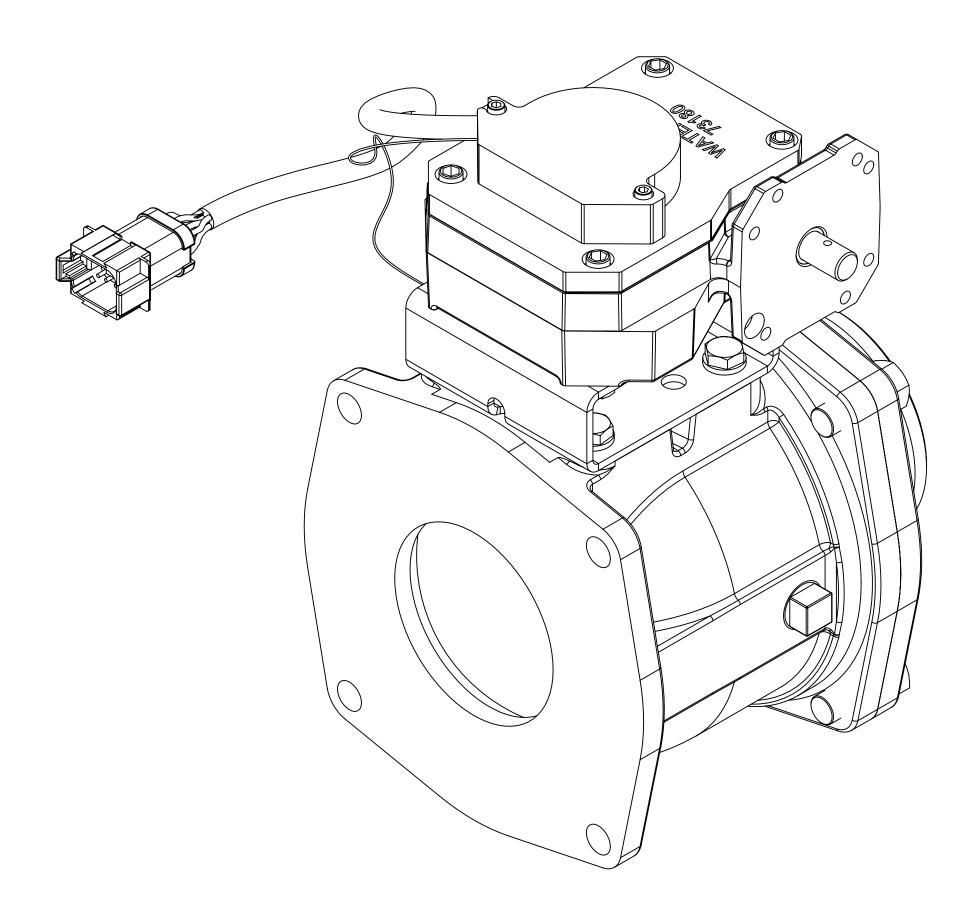
WATEROUS

Tank to Pump Valve with Manual Rotary Actuator **Service Parts List**



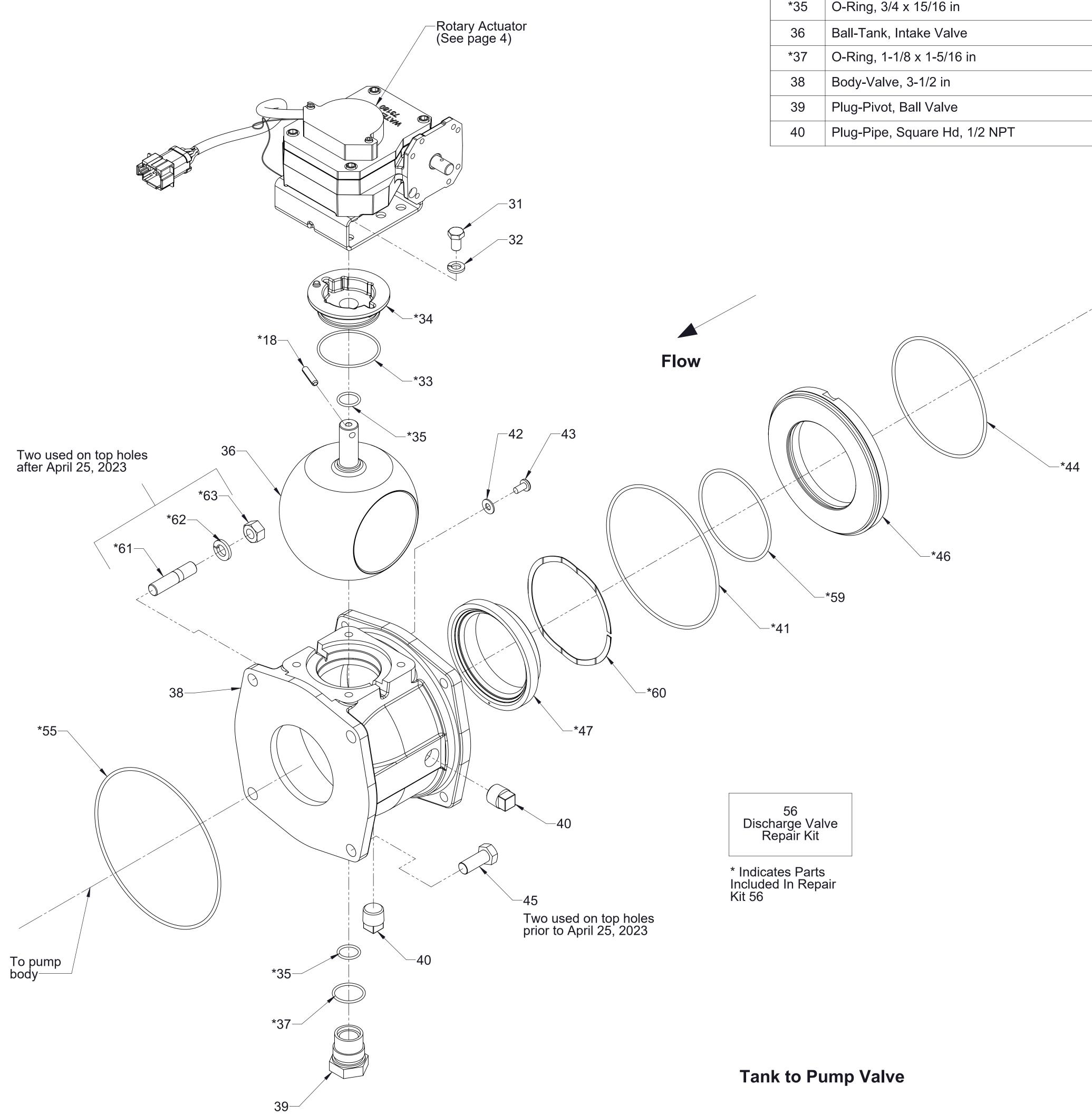


Components	See Page
Tank to Pump Valve	2
Cables and Panel Components	3
Available Repair Subassemblies	4

WaterousCompany, 125 Hardman Avenue South, South St. Paul, Minnesota 55075 USA (651) 450-5000 www.waterousco.com Note: When ordering parts, provide Pump, Transmission or PTO Serial Number.

Issue Date 09/01/16

Rev. Date 04/25/23



Ref No.	Description	Ref No.	Description
*18	Pin-Spring, 1/4 x 1-1/8 in	*41	O-Ring, 6 x 6-1/4 in
31	Screw-Hex Hd, 3/8-16 x 5/8 in	42	Washer-Plain, 1/4 in
32	Washer-Lock, 3/8 in	43	Screw-Machine, Pan Hd, 1/4-20 x 1/2 in
*33	O-Ring, 2-5/16 x 2-1/2 in	*44	O-Ring, 5 x 5-1/4 in
*34	Bushing-Upper	45	Screw-Hex Hd, 1/2-13 x 1-1/4 in
*35	O-Ring, 3/4 x 15/16 in	*46	Retainer-Seal
36	Ball-Tank, Intake Valve	*47	Seal-Valve, Ball
*37	O-Ring, 1-1/8 x 1-5/16 in	49	Nipple-Hose
38	Body-Valve, 3-1/2 in	*55	O-Ring, 6-3/4 x 7 in
39	Plug-Pivot, Ball Valve	56	Discharge Valve Repair Kit
40	Plug-Pipe, Square Hd, 1/2 NPT	*59	O-Ring, 3-3/4 X 4 in
		*60	Spring-Wave
		*61	Stud-Coarse, 1/2-13 x 2-1/4 in
		*62	Washer-Lock, 1/2 in
		*63	Nut-Hex, 1/2-13

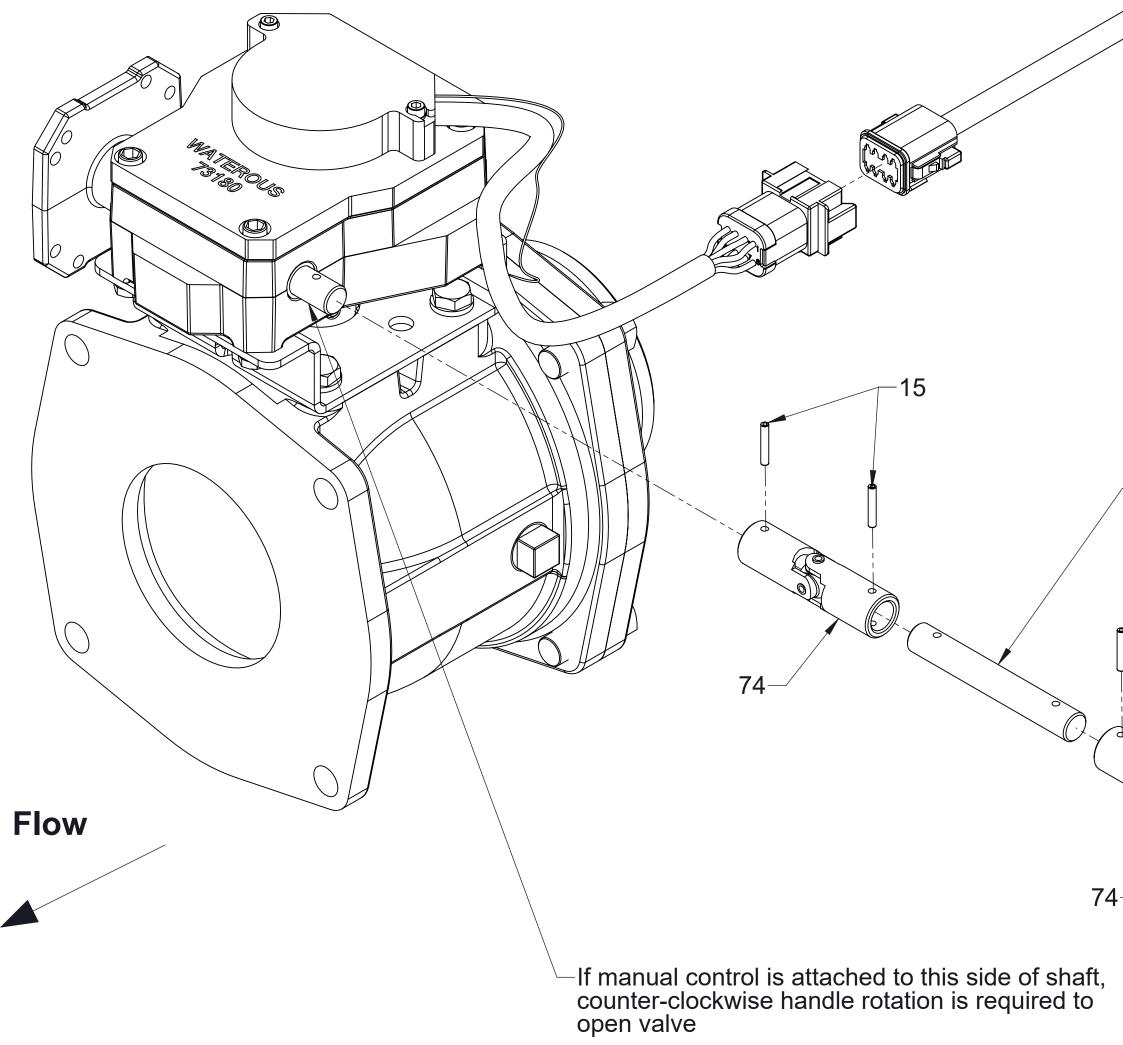
-49 45

Hose Flange 3-1/2 in O.D. Angle Compensated

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Ref No.	Description
3	Washer-Lock, 1/4 in
4	Pin-Spring, 3/16 x 1 1/4 in
15	Pin-Spirol, 1/8 x 3/4 in
69	LED Panel Wiring Assemblty
70	Cable-Encoder Extension
74	Joint-Universal
75	Nut-Hex, Machine, 1/4-20
77	Body-Remote
78	Bearing-Thrust
79	Screw-Machine, Pan Hd, 1/4-20 x 1 in
80	Shaft-Remote
82	Handle-Discharge Valve
83	Control Panel Mounting Hardware (Includes (4) Socket Hd Screws, #6-32 x 3/4 in and (4) Nylok Nuts, #6-32)

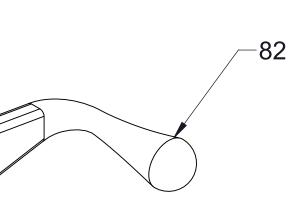
70-



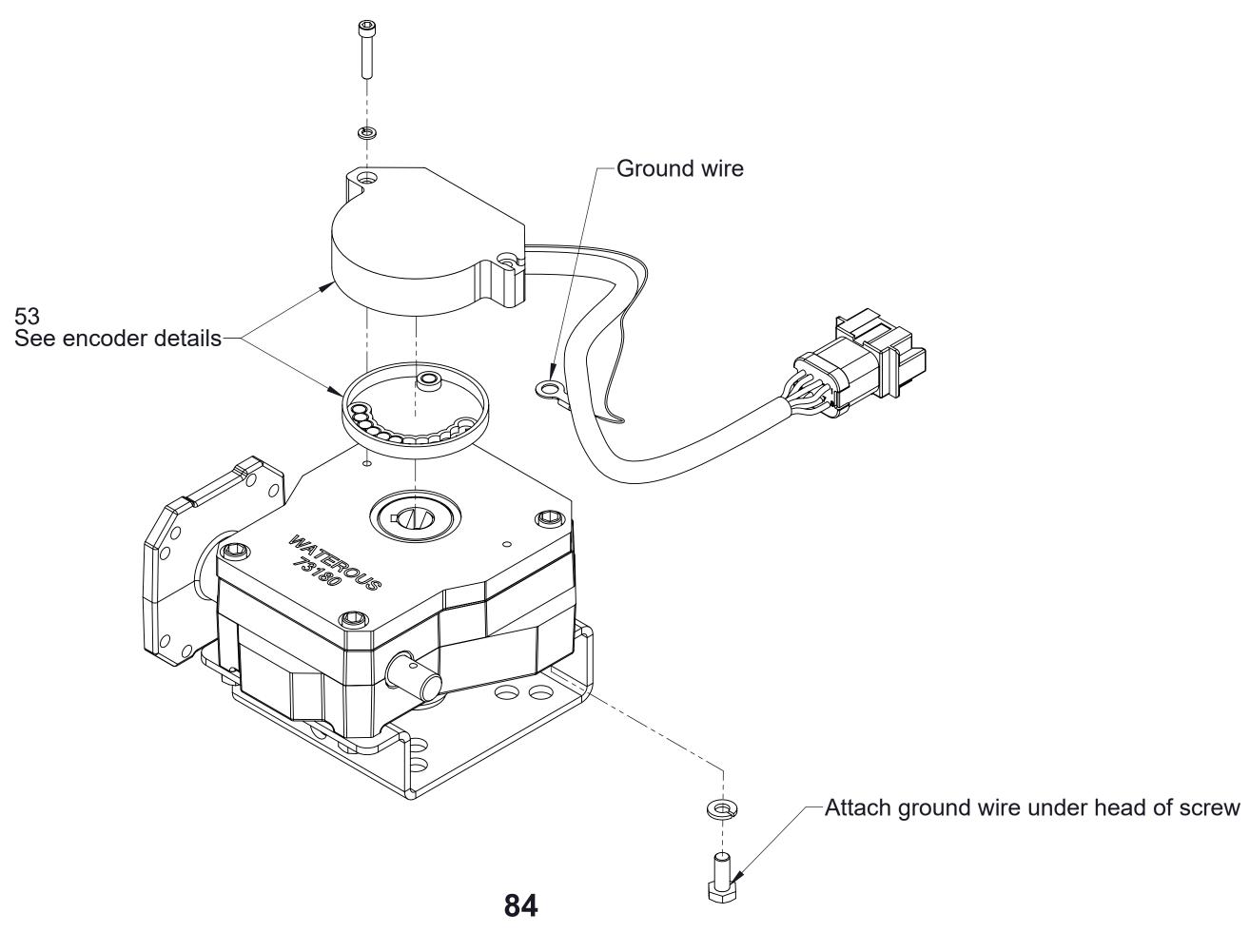
Control panel power wire furnished two ways: 1. With 3 amp in-line fuse 2. Without 3 amp in-line fuse (Panel 69 has an internal circuit breaker which resets automatically)— -To "HOT" post -To ground -69 \mathbf{D} 83 (Part of 69)–

> -Connecting Rod (Not supplied by Waterous) -15

-75 -77 74—⁄ Ø 79 *_***78** -80 **Cables and Panel Components**

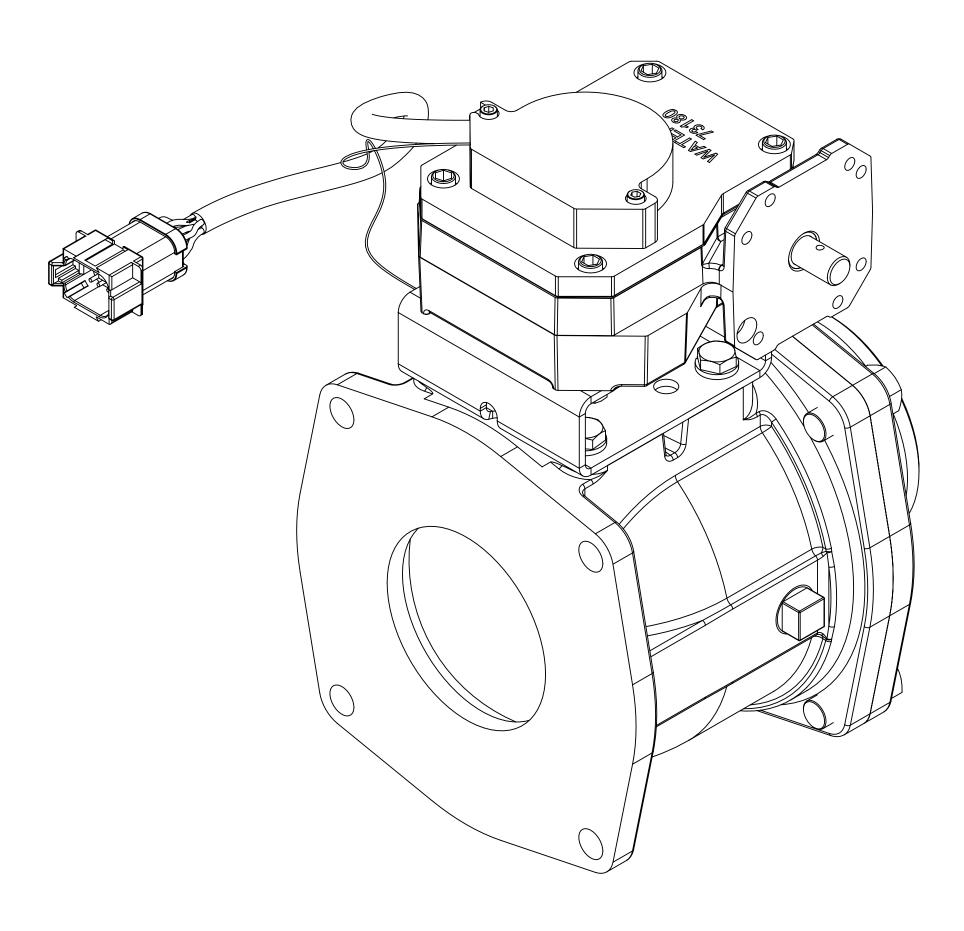


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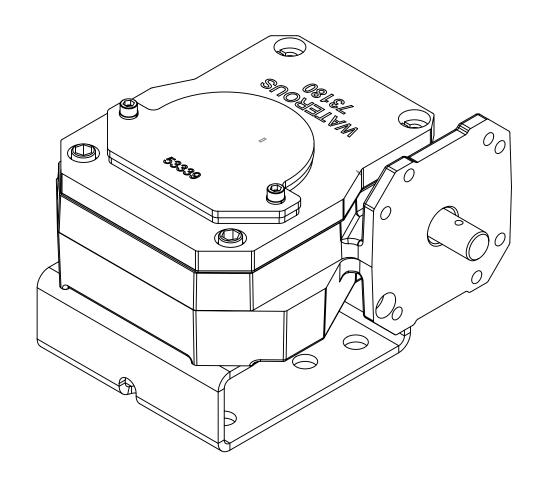


Actuator Subassembly

Configuration when optional Waterous control panel is used



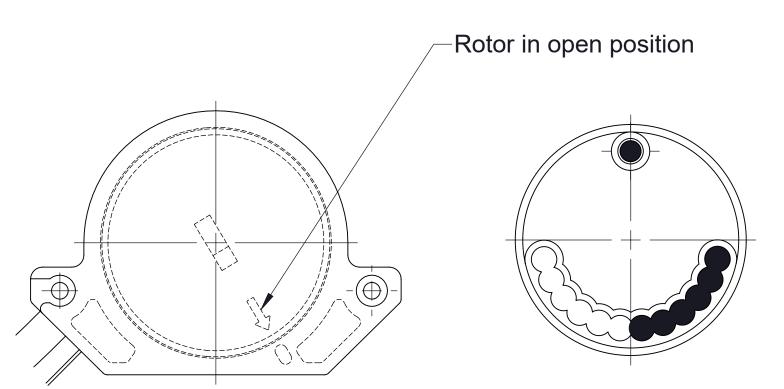
85 Valve and Actuator Subassembly



84

Actuator Subassembly

Configuration when optional Waterous control panel is not used



(Viewed from top)

Rotor Position

Available Repair Subassemblies

Ref No.	Description
53	Rotary Encoder Replacement Kit
84	Actuator Subassembly
85	Valve and Actuator Subassembly

53 Rotary Encoder Replacement Kit

Rotor Magnet Positions

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Encoder Details