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02/03/03

WATEROUS

WATEROUS COMPANY

SOUTH ST. PAUL, MINNESOTA

ELECTRIC TRANSFER VALVE ACTUATOR ASSEMBLY (TOP MOUNTED)

REF NO.	DESCRIPTION	REF NO.	DESCRIPTION
A3	Wire Assembly	A45	Pivot pin (Part of A109, available individually
A4	Circuit breaker, 12V, 15 amp		for repairs)
A6	Valve operating arm subassembly (includes A62)	A46	Universal joint
A7	Pivot block bushing	A50	Manual override rod
A8	Pivot block	A56	Flat washer, 1/2 in., zinc plated
A16	Panel plate (switch)	A57	Sector gear
A17	Wiring harness	A61	Wire assembly
A18	Green indicator light (VOLUME) (includes A27)	A62	Sleeve bearing (part of A6, available individually
A19	Amber indicator light (PRESSURE) (includes A27)		for repairs)
A21	Three-position switch, DPDT	A65	Cotter pin, SS, 1/8 x 1 in.
A22	Hex nut, No. 8-32 (not furnished by Waterous	A67	Roll pin, SS, 1/4 x 1–1/8 in.
	after 5/15/88)	A70	Cotter pin, SS, 3/32 x 3/4 in.
A23	Rd hd screw, SS, No. 8–32 x 3/8 in.(not furnished by	A71	Flat washer, 3/8 in., zinc plated
	Waterous after 5/15/88)	A73	Hex hd screw, zinc plated, 5/16–18 x 1–3/4 in.
A24	Lock washer, No. 8 (not furnished by Waterous	A76	Wire assembly
A 2.E	after 5/15/88)	A77	Wire assembly
A25	Tube clamp	A79	Remote control bearing (Part of A81, available
A27	Light bulb, 12 volt, No. 1891 (included with A18 & A19)		individually for repairs)
A31	Hex jam nut, zinc plated, 5/16–18	A81	Remote control body assembly (includes A79)
A33	Hex nut, No. 10–32 (not furnished separately by	A82	Hex nut, 1/4–20, SS
7100	Waterous after 7/12/89, part of A4)	A83	Lock washer, 1/4 in.
A34	Flat brass washer, 5/16 in.	A84	Rd hd screw, SS, 1/4-20 x 3/4 in.
A37	Rd hd screw No. 10–24 x 3/8 in., zinc plated	A87	Control shaft
A40	Lock washer, No. 10 (not furnished separately by	A88	Control crank, manual override
	Waterous after 7/12/89, part of A4)	A89	Flat washer, SS, 5/8 in.

PLEASE NOTE

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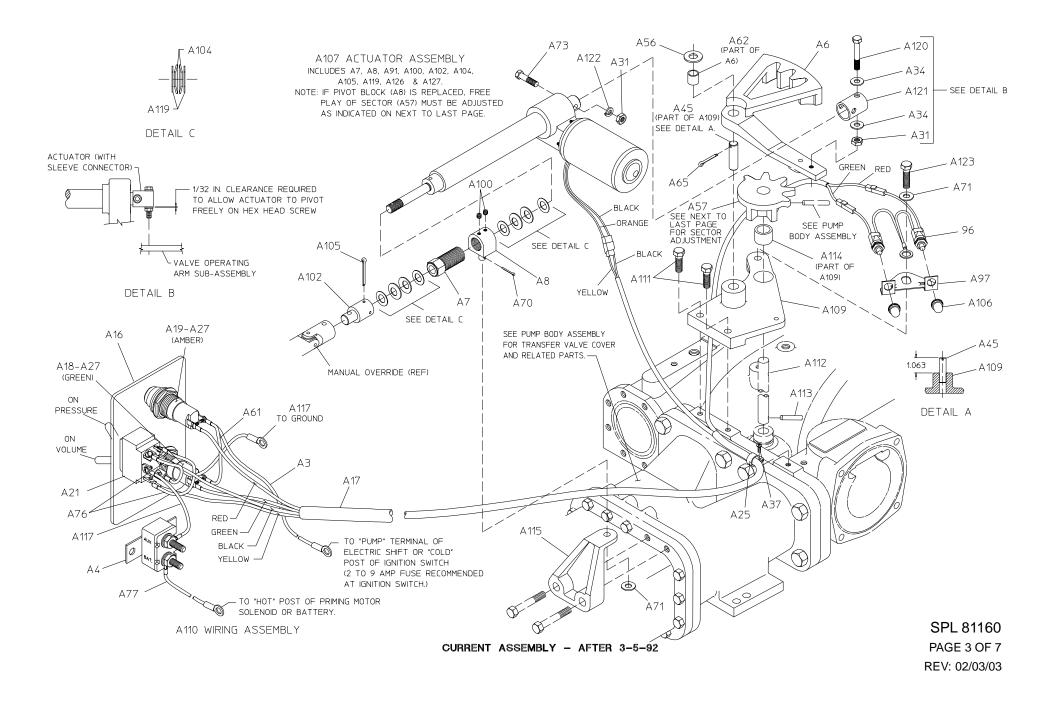
WATEROUS

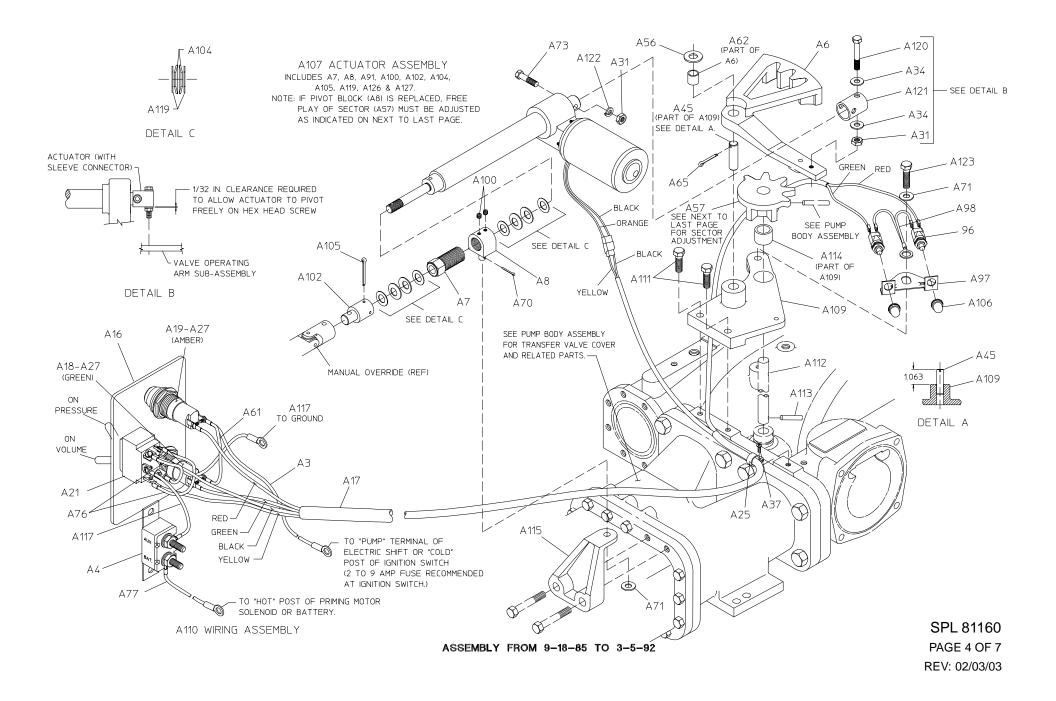
SOUTH ST. PAUL, MINNESOTA

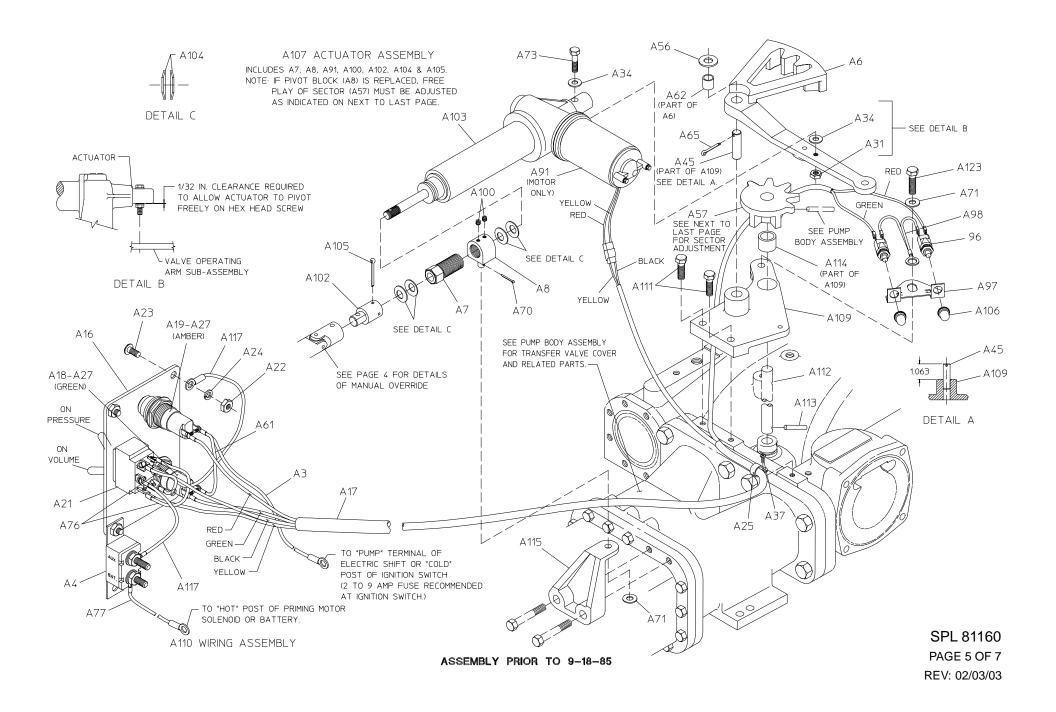
ELECTRIC TRANSFER VALVE ACTUATOR ASSEMBLY (TOP MOUNTED)

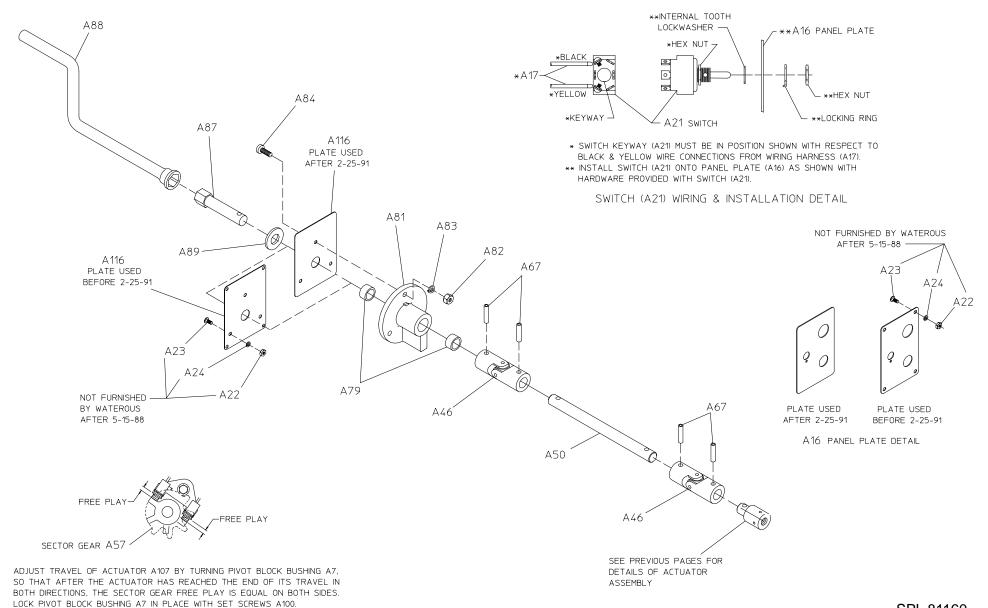
REF NO.	DESCRIPTION	REF NO.	DESCRIPTION
A91	Actuator motor (Part of A107, available	A111	Hex hd screw, 3/8–16 x 1–1/4 in., grade 5
	individually for repairs)	A112	Extension shaft
A92	Actuator motor coupling (Part of A107, available	A113	Groove pin, 5/16 x 1–1/4 in., type 3H
	individually for repairs)	A114	Sleeve bearing (part of A109, available
A96	Switch assembly		individually for repairs)
A97	Switch bracket	A115	Actuator bracket
A98	Wire assembly (not used after 3/1/92)	A116	Panel plate (manual override)
A100	Cup point headless set screw, 1/4–20 x 1/4 in.	A117	Wire assembly
A102	Actuator end fitting	A119	Thrust race washer
A104	Spring washer	A120	Hex hd screw, zinc plated, 5/16–18 x 2 in., grade 5
A105	Cotter pin, SS, 1/8 x 1–1/2 in.	A121	Sleeve connector
A106	Switch seal	A122	Lock washer, 5/16, zinc plated
A107	Actuator subassembly (includes A7, A8, A91, A100,	A123	Hex hd screw, 3/8-16 x 1-1/2 in.
	A102, A104, A105, 119, A126 & A127)	A126	Actuator gearbox (part of A107, available individually for
A109	Plate subassembly (includes A45 and A114)		repairs)
A110	Wiring assembly (includes A3, A4, A17, A18, A19, A21, A61, A76, A77 & A117)	A127	Actuator, less motor (part of A107, available individually for repairs)

PLEASE NOTE
WHEN ORDERING PARTS PLEASE SUPPLY PUMP SERIAL NUMBER





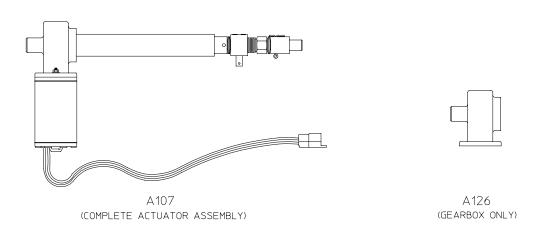


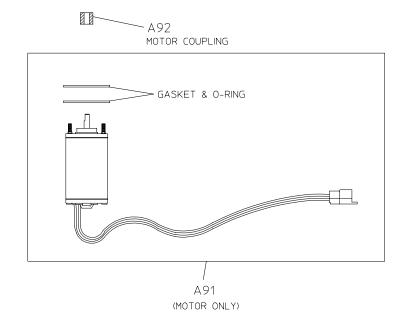


SECTOR GEAR A57 ADJUSTMENT

MANUAL OVERRIDE ASSEMBLY

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A127
(ACTUATOR, LESS MOTOR ONLY)

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