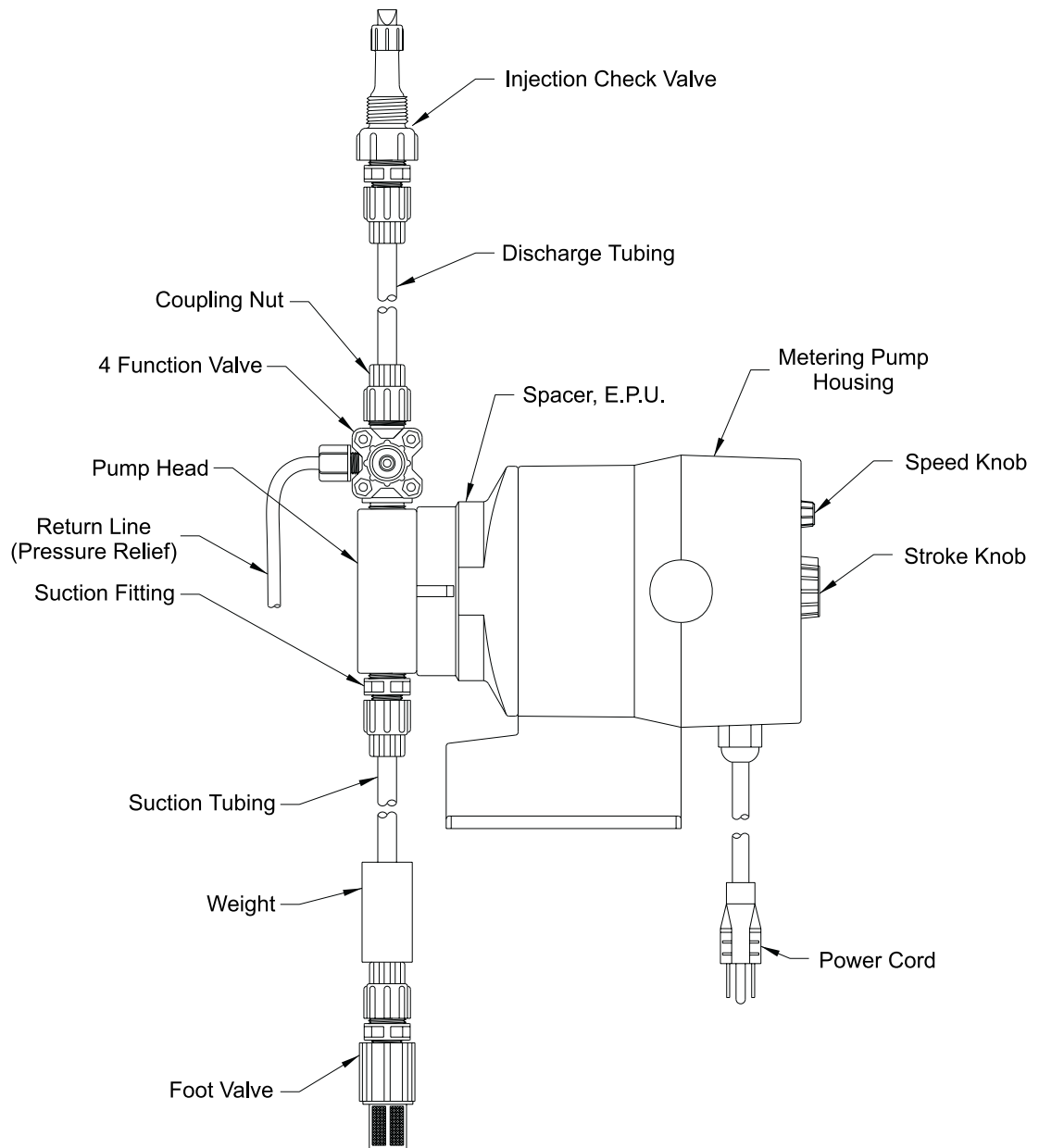


Instruction **Supplement**

Series A1

Electronic Metering Pump



Metering Pump Component Diagram

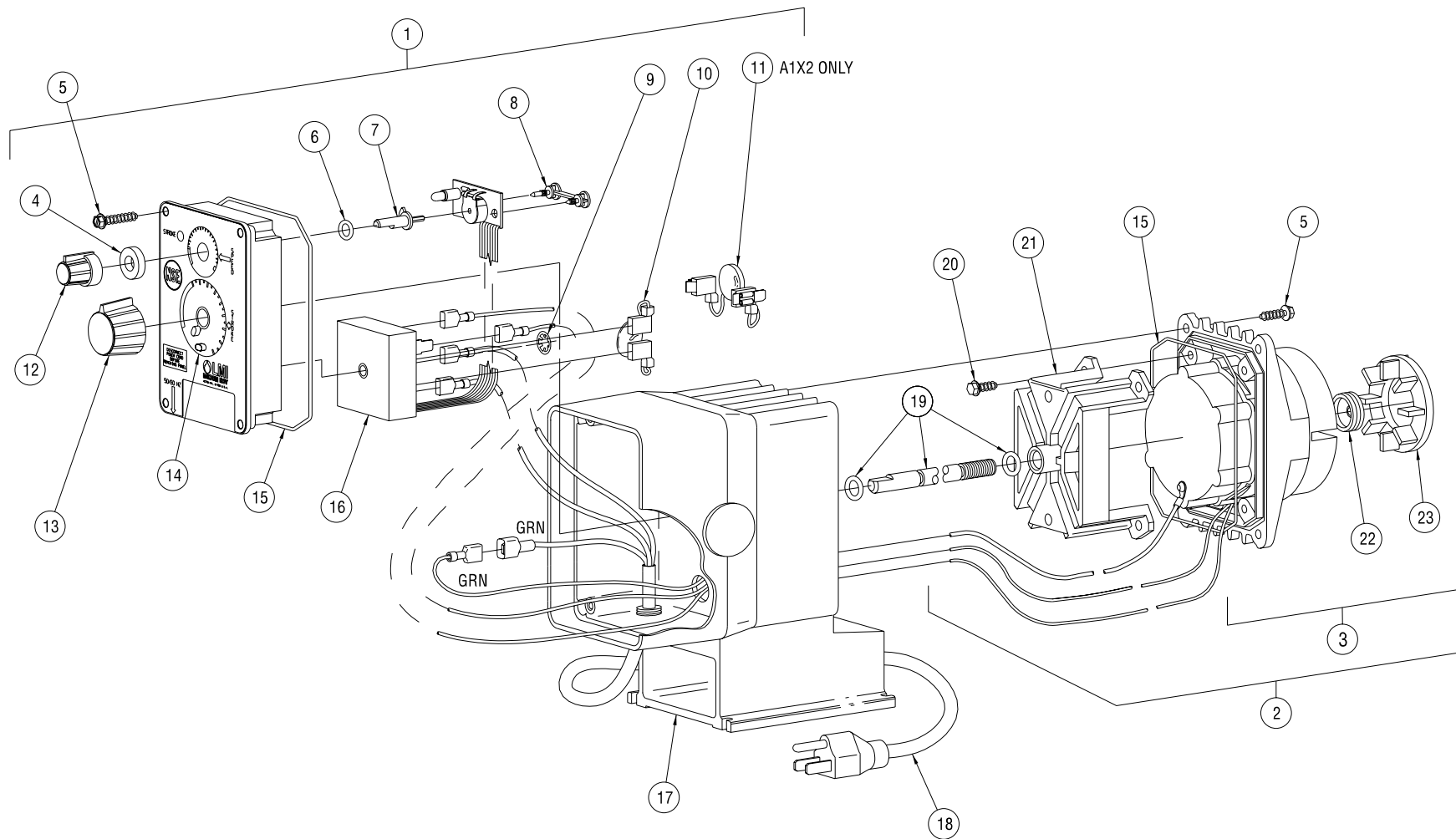


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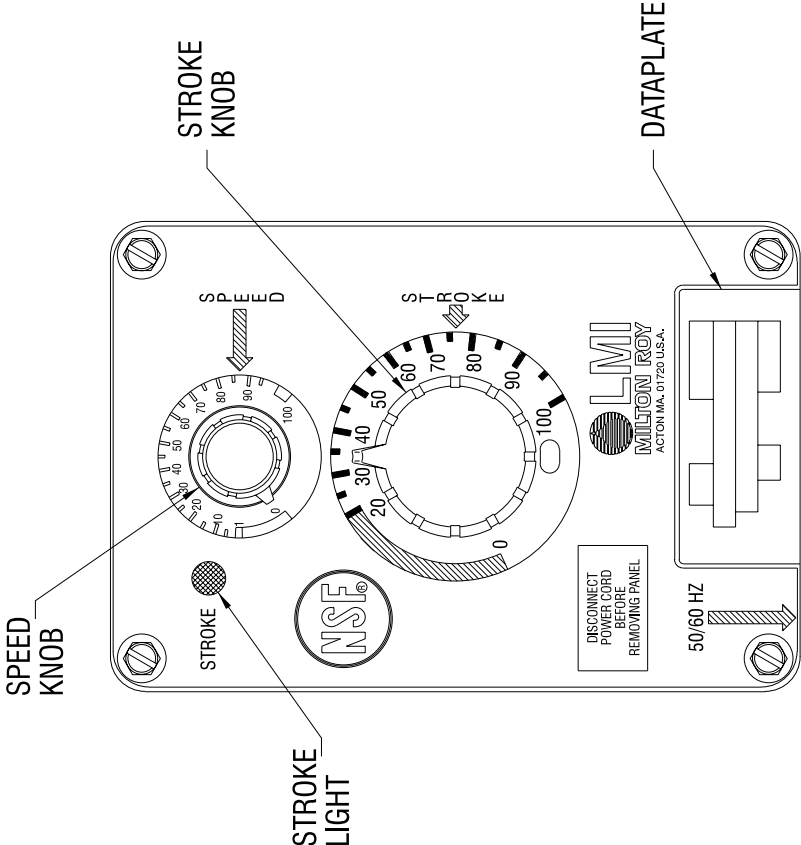
Series A1 Drive Assembly Exploded View Diagram



Series A1 Drive Assembly Parts List

Key No.	Model Series	Part No.	Description	Qty.	Key No.	Model Series	Part No.	Description	Qty
1	A141, A151	36208	Control Panel Assembly, 115V	1	4	A1	30803	Gasket	1
	A142, A152	36209	Control Panel Assembly, 230V US		5	A1	30306	Screw	8
	A143, A145, A146, A147	36210	Control Panel Assembly, 230-250V	1	6	A1	34497	O-Ring	1
	A153, A155, A156, A157				7	A1	35743	Speed Shaft	1
	A161	36213	Control Panel Assembly, 115V	1	8	A1	35744	Dual Pin	1
	A162	36214	Control Panel Assembly, 230V US	1	9	A1	10422	Retaining Ring	1
	A163, A165, A166, A167	36215	Control Panel Assembly, 230-250V	1	10	A141, A151, A161, A171, A181	10626	Varistor Assembly, 115V	1
	A171	36216	Control Panel Assembly, 115V	1		A142, A152, A162, A172, A182	10627	Varistor Assembly, 230-250V	1
	A172	36217	Control Panel Assembly, 230V US	1		A143, A153, A163, A173, A183			
	A173, A175, A176, A177	36218	Control Panel Assembly, 230-250V	1		A145, A155, A165, A175, A185			
2	A181	36219	Control Panel Assembly, 115V	1		A146, A156, A166, A176, A186			
	A182	36220	Control Panel Assembly, 230V US	1	11	A142, A152, A162, A172, A182	25268	Varistor Assembly, 230V US	1
	A183, A185, A186, A187	36221	Control Panel Assembly, 230-250V	1	12	A1	30709	Speed Knob	1
	A141	31915	EPU w/Stroke Adjustment & Disk	1	13	A1	31890	Stroke Knob Assembly	1
	A142, A143, A145, A146, A147	31916	EPU w/Stroke Adjustment & Disk	1	14	A16	30374	Stroke Dial	1
	A151	31911	EPU w/Stroke Adjustment & Disk	1		A17	29269	Stroke Dial	1
	A152, A153, A155, A156, A157	31912	EPU w/Stroke Adjustment & Disk	1		A18	29268	Stroke Dial	1
	A161	31913	EPU w/Stroke Adjustment & Disk	1	15	A1	10166	O-Ring	2
	A162, A163, A165, A166, A167	31914	EPU w/Stroke Adjustment & Disk	1	16	A1	36255	Pulser	1
	A171	31917	EPU w/Stroke Adjustment & Disk	1	17	A1	30324	Housing	1
3	A172, A173, A175, A176, A177	31918	EPU w/Stroke Adjustment & Disk	1	18	A141, A151, A161, A171, A181	29033	Power Cord Assembly, 115V	1
	A181	31919	EPU w/Stroke Adjustment & Disk	1		A142, A152, A162, A172, A182	29039	Power Cord Assembly, 230V US	1
	A182, A183, A184, A186, A187	31920	EPU w/Stroke Adjustment & Disk	1		A143, A153, A163, A173, A183	29042	Power Cord Assembly, 230V DIN	1
	A141	28085	EPU w/Disk	1		A145, A155, A165, A175, A185	29044	Power Cord Assembly, 240V UK	1
	A142, A143, A145, A146, A147	28086	EPU w/Disk	1		A146, A156, A166, A176, A186	29046	Power Cord Assembly, 250V AUST	1
	A151	27465	EPU w/Disk	1		A147, A157, A167, A177, A187	29048	Power Cord Assembly, 230V SWISS	1
	A152, A153, A155, A156, A157	27466	EPU w/Disk	1	19	A1	31768	Stroke Adjustment Shaft Assembly	1
	A161	27467	EPU w/Disk	1	20	A1	32498	Screw	1
	A162, A163, A165, A166, A167	27468	EPU w/Disk	1	21	A1	26838	Stroke Adjustment Bracket	1
	A171	29272	EPU w/Disk	1	22	A1	10973	Seal	1
	A172, A173, A175, A176, A177	29273	EPU w/Disk	1	23	A14, A17	29445	Disk, 0.5	1
	A181	29274	EPU w/Disk	1		A15, A18	29437	Disk, 0.9	1
	A182, A183, A185, A186, A187	29275	EPU w/Disk	1					

Series A1 Control Panel Detail



Series A1 Wiring Diagram

