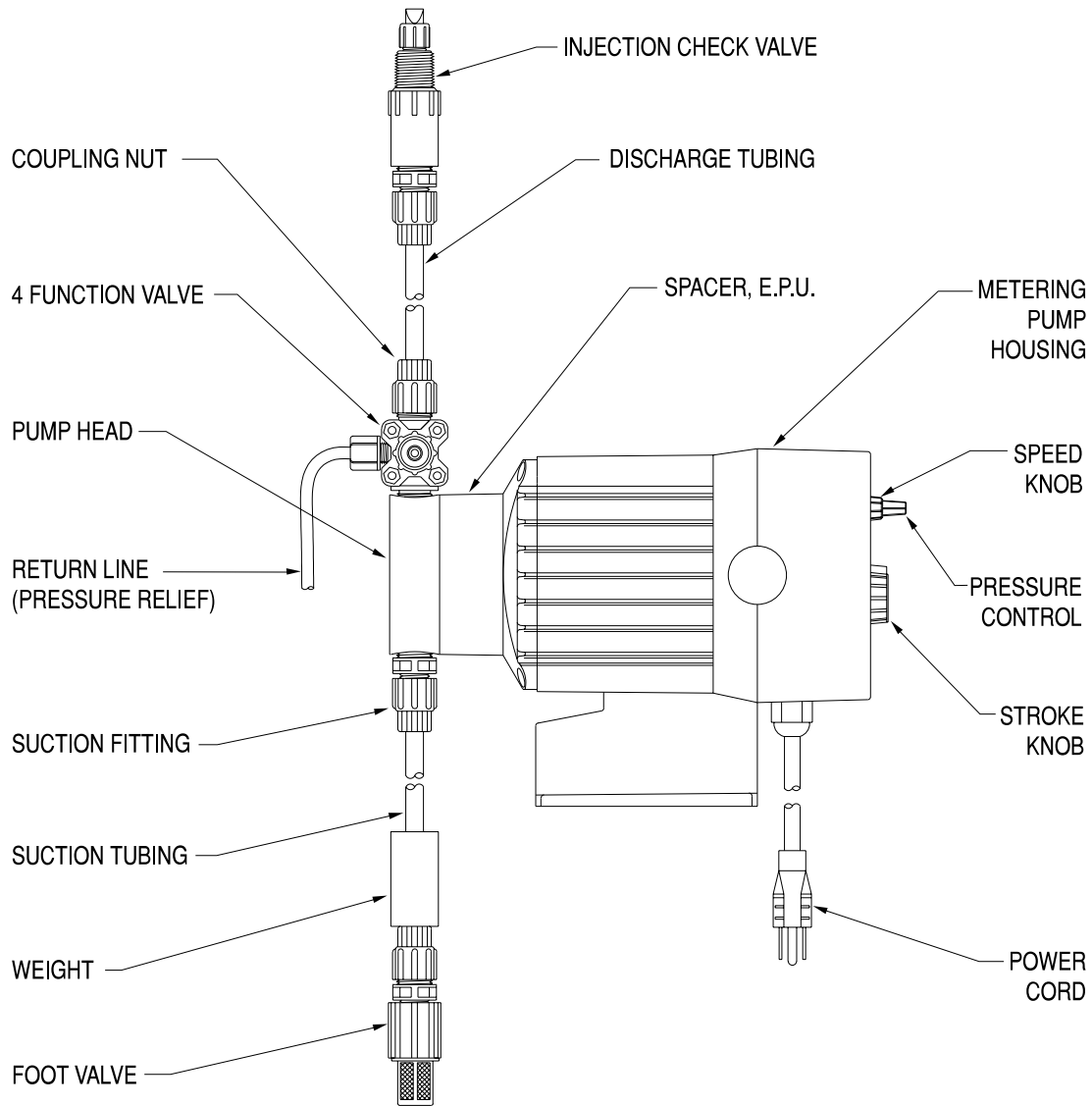


Instruction **Supplement**

Series C7

Electronic Metering Pump



Metering Pump Component Diagram



8 Post Office Square
Acton, MA 01720 USA
TEL: (978) 263-9800
FAX: (978) 264-9172
<http://www.lmipumps.com>



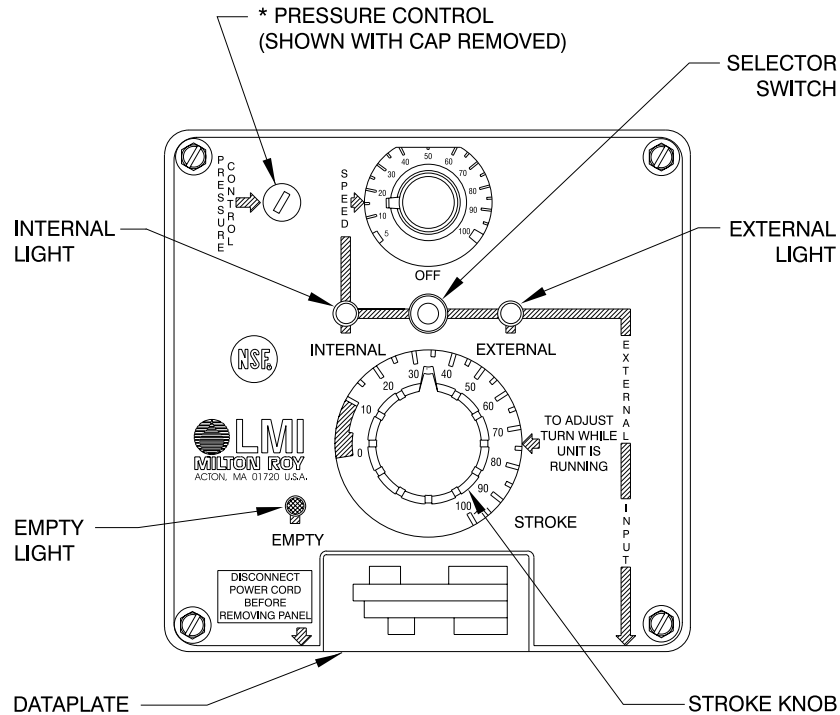
Replaces same of Rev.E 5/97
1716.F 4/01

Series C7 Drive Assembly Parts List

Key No.	Model Series	Part No.	Description	Qty.	
1	C701, C711	33814	Control Panel Assembly, 120V	1	
	C702, C703, C705, C706, C707 C712, C713, C715, C716, C717	33815	Control Panel Assembly, 240V	1	
	C721, C761	33816	Control Panel Assembly, 120V	1	
	C722, C723, C725, C726, C727, C762, C763, C765, C766, C767	33817	Control Panel Assembly, 240V	1	
	C731	33818	Control Panel Assembly, 120V	1	
	C732, C733, C735, C736, C737	33819	Control Panel Assembly, 240V	1	
	C741	33820	Control Panel Assembly, 120V	1	
	C742, C743, C745, C746, C747	33821	Control Panel Assembly, 240V	1	
	C771	33211	Control Panel Assembly, 120V	1	
	C772, C773, C775, C776, C777	33212	Control Panel Assembly, 240V	1	
	C781	33822	Control Panel Assembly, 120V	1	
	C782, C783, C785, C786, C787	33823	Control Panel Assembly, 240V	1	
	2	C701, C711, C721, C731, C741	32401	Housing Assembly, 120V	1
		C702, C712, C722, C732, C742	32402	Housing Assembly, 240V	1
		C703, C713, C723, C733, C743	32403	Housing Assembly, 220-240V	1
		C705, C715, C725, C735, C745	32404	Housing Assembly, 220-240V, U.K.	1
		C706, C716, C726, C736, C746	32405	Housing Assembly, 220-240V, Aust.	1
C707, C717, C727, C737, C747		32406	Housing Assembly, 220-240V, SWISS	1	
C761, C771, C781		32252	Housing Assembly, 120V	1	
C762, C772, C782		32502	Housing Assembly, 240V	1	
C763, C773, C783		32253	Housing Assembly, 220-240V	1	
C765, C775, C785		32503	Housing Assembly, 220-240V, U.K.	1	
C766, C776, C786		32504	Housing Assembly, 220-240V, Aust.	1	
C767, C777, C787		32505	Housing Assembly, 220-240V, SWISS	1	
3		C701	32532	EPU & Spacer Asm, w/Stroke Adj., 120V	1
		C702, C703, C705, C706, C707	32533	EPU & Spacer Asm, w/Stroke Adj., 240V	1
		C711, C721	32534	EPU & Spacer Asm, w/Stroke Adj., 120V	1
		C712, C713, C715, C716, C717, C722, C723, C725, C726, C727	32535	EPU & Spacer Asm, w/Stroke Adj., 240V	1
		C731, C741	32536	EPU & Spacer Asm, w/Stroke Adj., 120V	1
	C732, C733, C735, C737, C742, C743, C745, C747	32537	EPU & Spacer Asm, w/Stroke Adj., 240V	1	
	C761	31850	EPU & Spacer Asm, w/Stroke Adj., 240V	1	
	C762, C763, C765, C766, C767	31851	EPU & Spacer Asm, w/Stroke Adj., 240V	1	
	C771	32329	EPU & Spacer Asm, w/Stroke Adj., 120V	1	
	C772, C773, C775, C776, C777	32330	EPU & Spacer Asm, w/Stroke Adj., 240V	1	
	C781	32331	EPU & Spacer Asm, w/Stroke Adj., 120V	1	
	C782, C783, C785, C786, C787	32332	EPU & Spacer Asm, w/Stroke Adj., 240V	1	
	4	C7	32251	Stroke Bracket Assembly	1
	5	C7	31891	Knob, Stroke	1
	7	C7	30709	Knob, Speed	1
	8	C7	30306	Screw, 10 x 1PH S.S.	4
	9	C7	10166	O-Ring	1
10	C7X1	10626	MOV Assembly, 120V	1	
	C7X2, C7X3, C7X5, C7X6, C7X7	10627	MOV Assembly, 220-240V	1	
11	C7	25907	Jack Assembly	1	
12	C7	30307	Plug	1	
13	C7	25930	Cover	1	
14	C7X1	26293	Power Cord Assembly, 120V	1	
	C7X2	26296	Power Cord Assembly, 240V	1	
	C7X3	26297	Power Cord Assembly, 220-240V, DIN	1	

Key No.	Model Series	Part No.	Description	Qty.
14		26817	Power Cord Assembly, 220-240V, UK	1
	C7X5	26818	Power Cord Assembly, 220-240V, AUST	1
	C7X6	27701	Power Cord Assembly, 220-240V, SWISS	1
	C7X7	25825	Fuse, 4A Rectifier	2
15	C7	28925	Housing	1
16	C7	35269	O-Ring	2
17	C7	25424	Collar	1
18	C7	25423	Set Screw	1
19	C7	10462	Retaining Ring	1
20	C7	32302	Washer	1
21	C7	32221	Spring	1
22	C7	32578	Pinion	1
23	C7	25121	Gasket	1
24	C7	31770	Shaft Assembly	1
25	C7	27552	Screw, 10-24x4.0	2
26	C7	27693	Ground Wire Assembly (GRN)	1
27	C7	10415	Washer	4
28	C7	27551	Screw, 10-24x1.25	4
29	C7	12064	Bracket (without mating parts)	1
30	C7	27501	Thermostat	1
31	C701, C711, C721, C731, C741	32158	EPU Assembly, 120V	1
	C70, C71, C72, C73, C74	32159	EPU Assembly, 240V	1
	All models rated 220-240 Volts			
	C761, C771	32239	EPU Assembly, 120V	1
	C76, C77, All models rated 220-240 Volts	32240	EPU Assembly, 240V	1
	C781	32314	EPU Assembly, 120V	1
	C78, All models rated 220-240 Volts	32315	EPU Assembly, 240V	1
32	C70, C71, C72, C73, C74	27187	Spacing Stud	2
	C76, C77, C78	32247	Spacing Stud	2
33	C70, C71, C72, C76	27641	Stud Assembly	4
	C73, C74, C77, C78	27641-1	Stud Assembly	4
34	C7	30803	Gasket	1
35	C7	26983	O-Ring	1
36	C7	27586	Shim	1
37	C7	27253	Retaining Ring	1
38	C70	27515	Spacer, 0.9 SI	1
	C71, C72	27516	Spacer, 1.8 SI	1
	C73, C74	27517	Spacer, 3.0 SI	1
	C76	38152	Spacer, 1.8 SI	1
	C77, C78	35839	Spacer, 3.0 SI	1
39	C7	10973	Seal	1
40	C7	25127	Screw, RH Slotted, S.S.	4
41	C74, C78	25887	Spacer Adapter, 6.0 SI	1
42	C7	10598	Screw	4
43	C70, C71, C72, C73, C74	25068	Sleeve, EPU	1
not shown	C7	25849	Bushing, Unipulser	1
45	C7	29093	Cap	1

Series C7 Control Panel Detail



*To adjust pressure control: Remove yellow cap. With small screwdriver, and the pump running, turn the pressure control adjustment slowly counterclockwise until pump just begins to stall. From this stall point, turn clockwise approximately 30 degrees. This is the optimum pressure control setting for your application.

Series C7 Wiring Diagram

