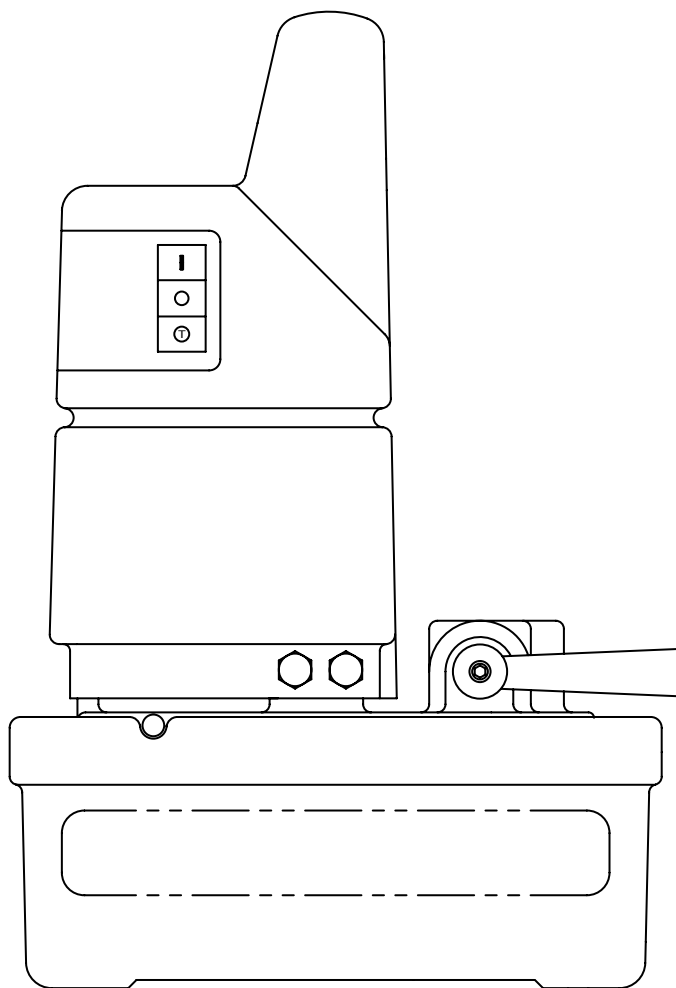
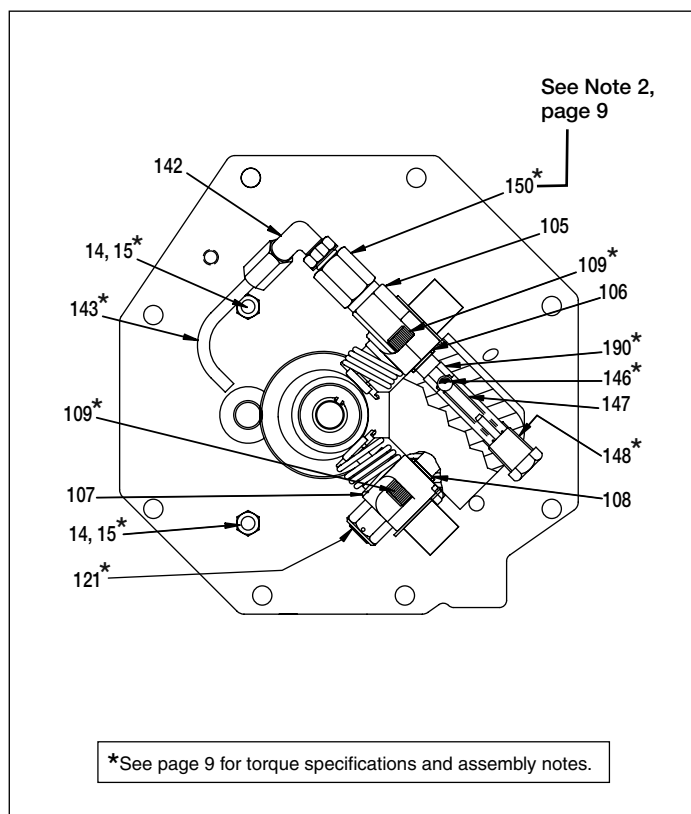
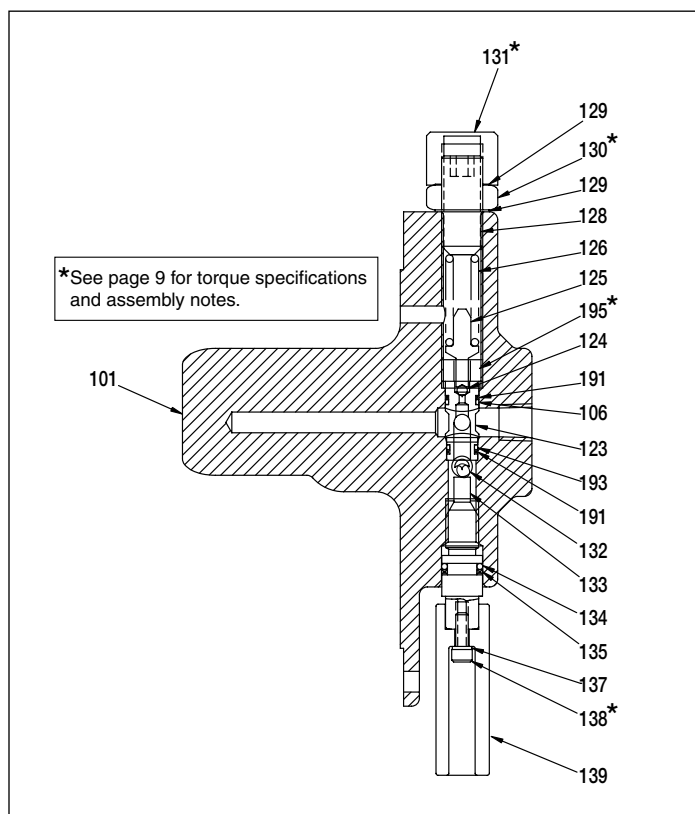
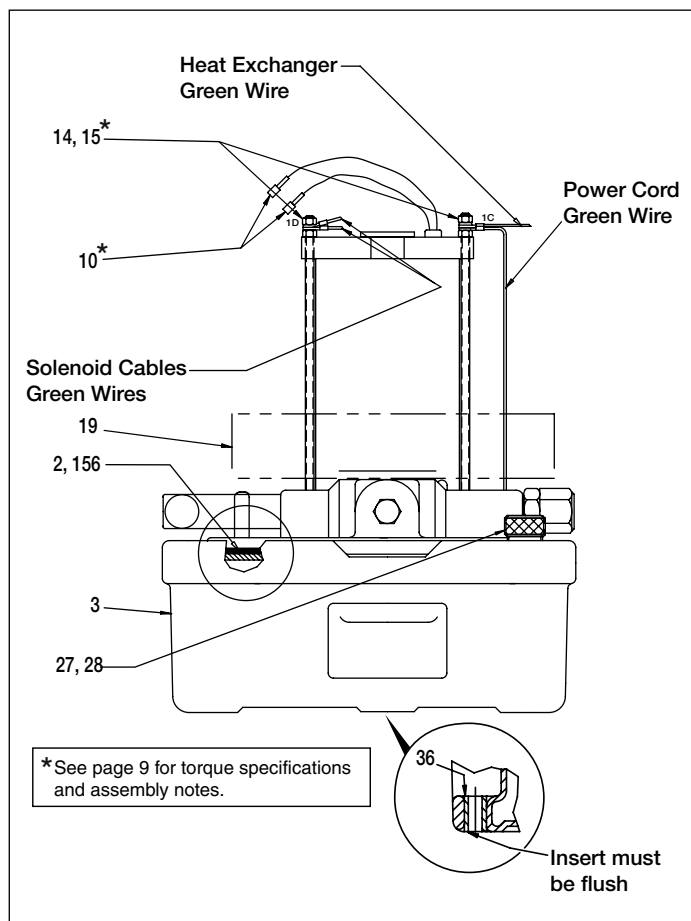
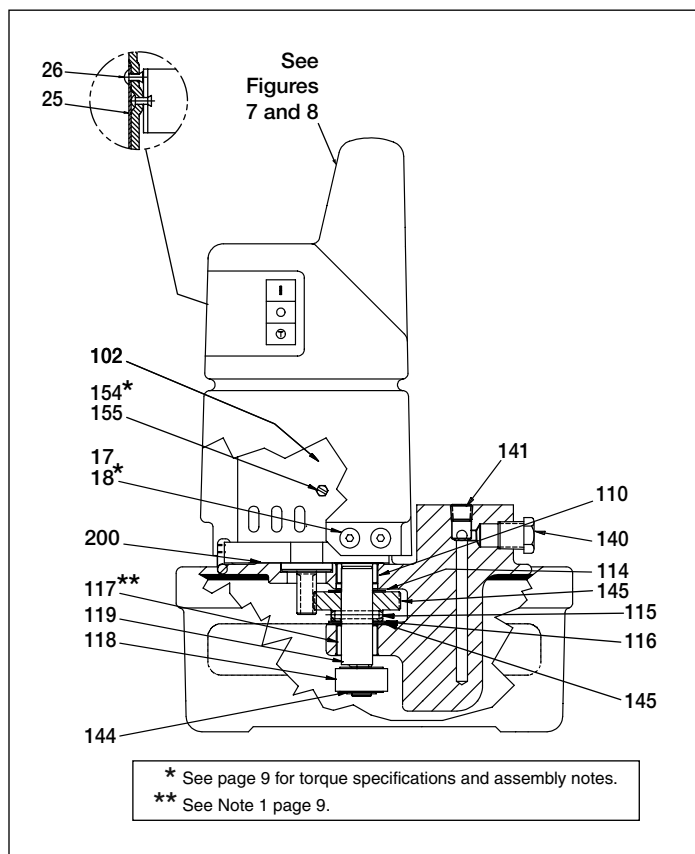




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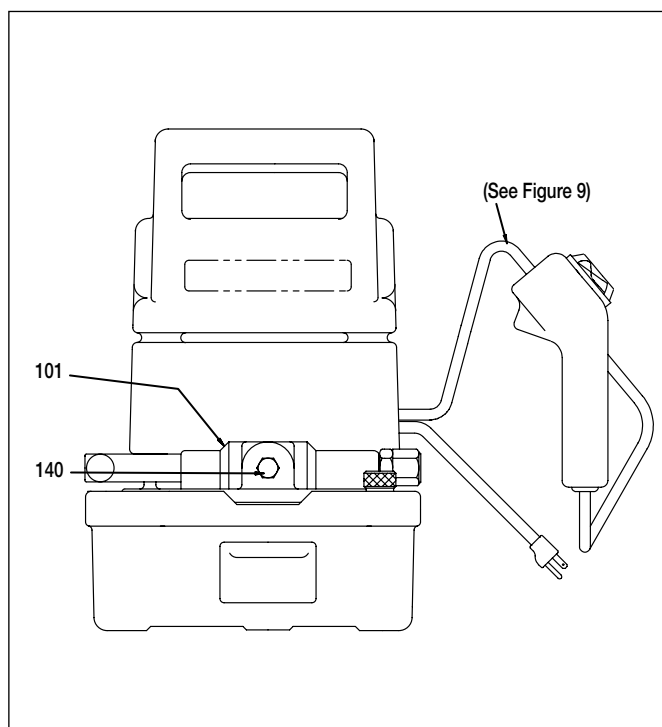


Figure 5, Pump Front View (assembled)

Repair Parts List for Figures 1 through 5

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
2	★ DA12088167SR	1	Gasket (Includes item 156)	126	★ A109164	1	Compression Spring
3	DA1910900SR	1	Reservoir Assembly. 0.5 Gal.	128	DA252028	1	Adjusting Screw
	DA4780900SR	1	Reservoir Assembly. 1.0 Gal.	129	★ S1167	1	Gasket
10	DA3776006	2	Pin	130	CW306055	1	Lock Nut
14	DA15066	3	Lock Washer	131	CW307055	1	Cap Nut
15	B1018121	3	Hex Nut	132	★ B1009016	1	Ball (0.312 in. dia.)
17	CW261225	6	Eyelet	133	C790010SR	1	Stem
18	F866028	6	Machine Screw	134	★ B1111203	1	O-Ring, Viton
19	CW259298	1	Baffle	135	★ B1111564	1	Washer
25	Contact Enerpac	1	Nameplate	137	B1086066	1	Lockwasher
26	DC818003	4	Pop Rivet	138	B1323028	1	Screw, Socket Head
27	DA608024	1	Vent Plug	139	DA544070SR	1	Handle
28	★ B1906503	1	O-Ring	140	R515245-2	1	Plug
36	DA931225	2	Insert	141	A1016245	1	Plug
101	DA12486840SR	1	Pump Manifold (includes # 121)	142	DA1011096	1	Elbow
102	CW179259	1	115 VAC Motor	143	DA261268	1	Tube
	DC1415259	1	220 VAC Motor (50 Hz)	144	★ CW467044	1	Retaining Ring
105	CW298950SR	1	.53 Piston Block Assembly	145	★ DA445107	2	Bearing
106	★ B1007503	1	O-Ring	146	★ B1007016	1	Ball
107	CW299950SR	1	.24 Piston Block Assembly	147	★ DA1564110	1	Spring
108	★ B1012803	1	O-Ring	148	DC433950	1	Plug Assembly
109	B1010028X	4	Screw	150	DA610900SR	1	Relief Valve Assembly
110	CW252107	1	Bearing	154	★ CU876028	3	Screw (10-24)
114	CW301228	1	Driven Gear	155	DA3585186	3	Spacer
115	★ B1097057	1	Spring Pin	156	See item 2	1	Gasket
116	★ CW199107	1	Bearing	190	DA12352290	1	Ball Seat
117	CW251107	1	Bearing	191	★ B1012565	2	Washer, Back-up
118	CW302107	1	Bearing	193	★ DC19503	1	O-Ring
119	CW303104	1	Shaft	195	DC866027	1	Lock Screw
121	DA5999900SR	1	Relief Valve (see Figure 4)	200	★ DC1947167	1	Gasket
123	★ DA12199290	1	Ball Seat Insert	Replacement Brushes for Electric Motor			
124	★ B1004016	1	Ball (0.156 in. dia.)	- - -	DA9584380SR	1	Brush Set for 115V Models
125	DC990900	1	Ball Guide	- - -	DA9585380SR	1	Brush Set for 220V Models
★ Included in Repair Kit PUJ1200BK1							

* See page 9 for torque specifications and assembly notes.

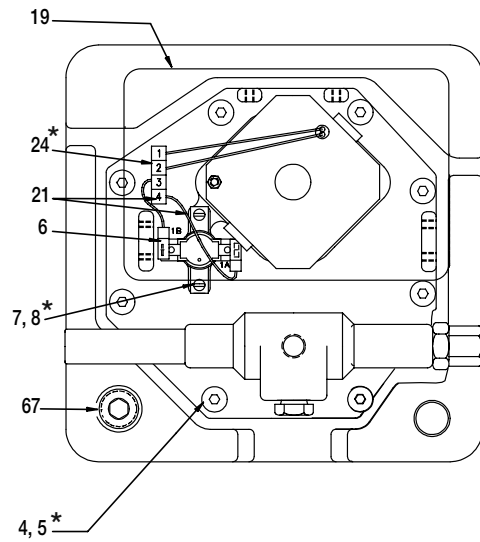
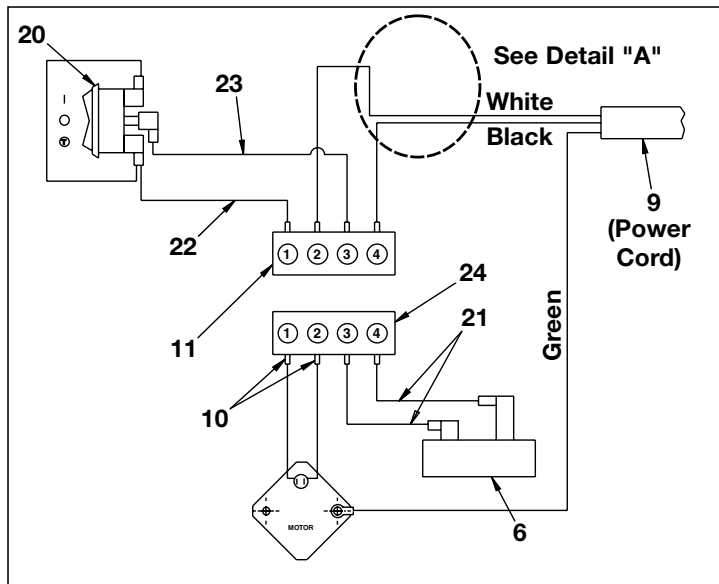


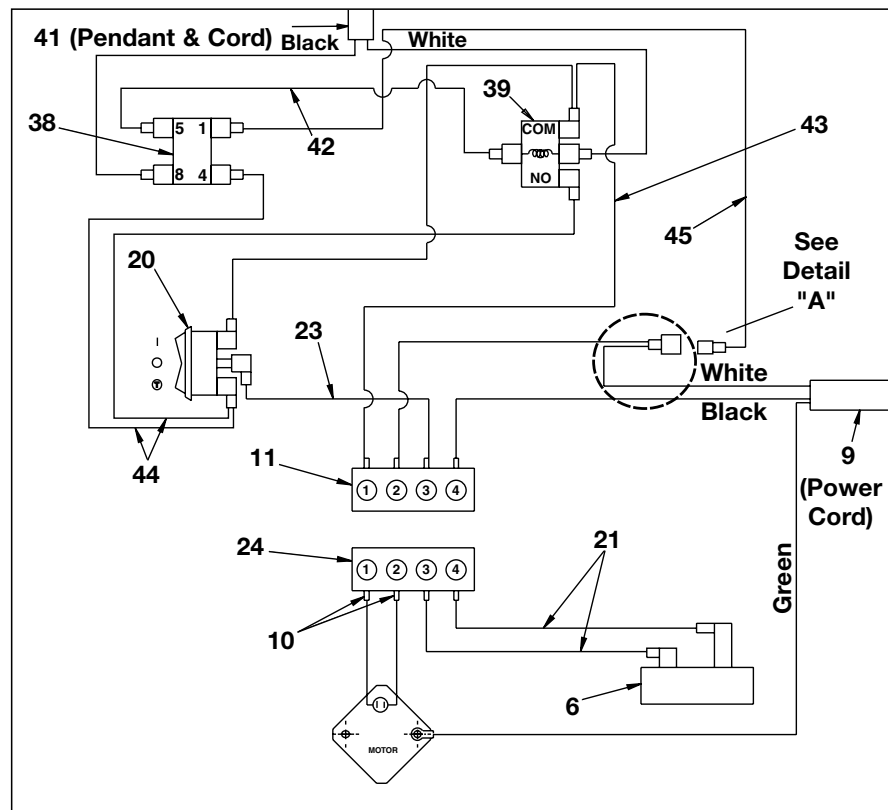
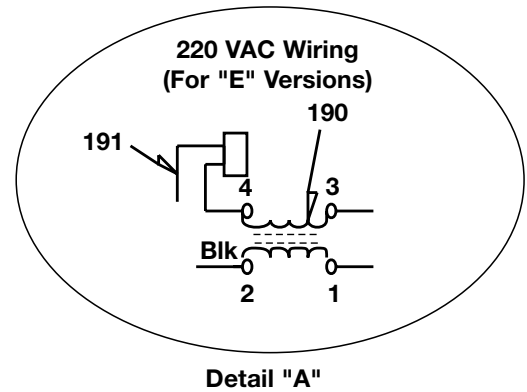
Figure 6, Pump Top View

Repair Parts List for Figure 6

Item	Part Number	Qty.	Description
4	DA6954167	8	Gasket
5	DC2038028	8	Screw
6	E1100004	1	Thermostat
7	C701222	2	Washer
8	M642028	2	Screw
19	CW259298	1	Baffle
21	DC7969960	2	Wire Assembly
24	DA11540380	1	Pin Housing
67	A1009245	2	Plug



PUM Models



PUJ Models

Figure 7, Wiring Diagrams

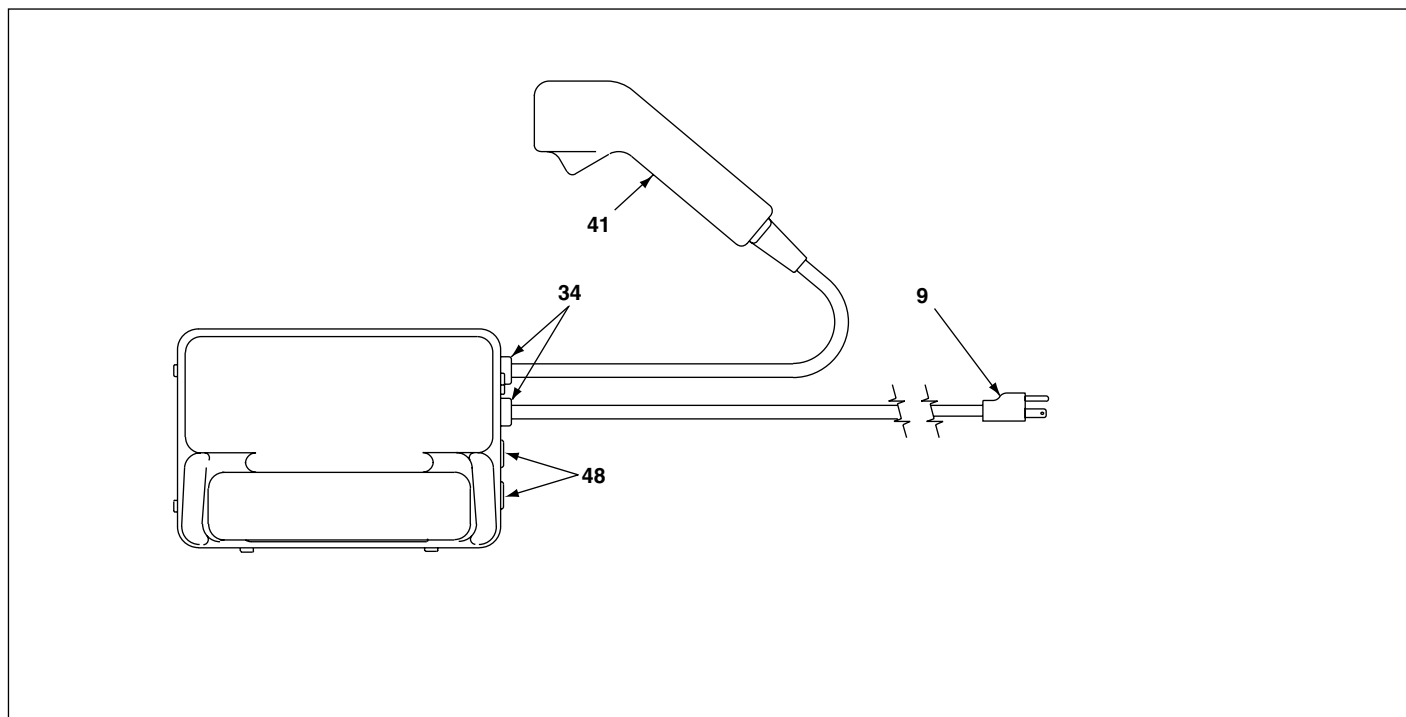


Figure 8, Top View, Cord and Cables

Repair Parts List for Figures 7 and 8							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
9	DA3709900SR	1	Power Cord, 115V	34	CR759291	2	Cord Bushing
	DA3728900SR	1	Power Cord, 220V	39	E1300008	1	Relay (PUJ only)
11	DA11539380	1	Receptacle	41	CR881900SR	1	Remote Pendant (PUJ only)
20	E1500002	1	Switch	48	DA3731009	2	Hole Plug
21	DA3712900SR	2	Wire Assembly	102	CW179259	1	Motor, 115V
24	DA11540380	1	Plug		DC370259	1	Motor, 220V
38	E300006	1	115V/24V Transformer	190	DC374900	1	Choke Assembly, 220V
	E300007	1	220V/24V Transformer	191	DC388900	1	Wire Assembly, 220V
Note: For replacement shroud assembly: • Model PUM1200B only: Order Repair Kit DC7942900SR. • PUJ Models, 115V: Order Repair Kit DC7933900SR. • PUJ Models, 220V: Order Repair Kit DC7934900SR.							

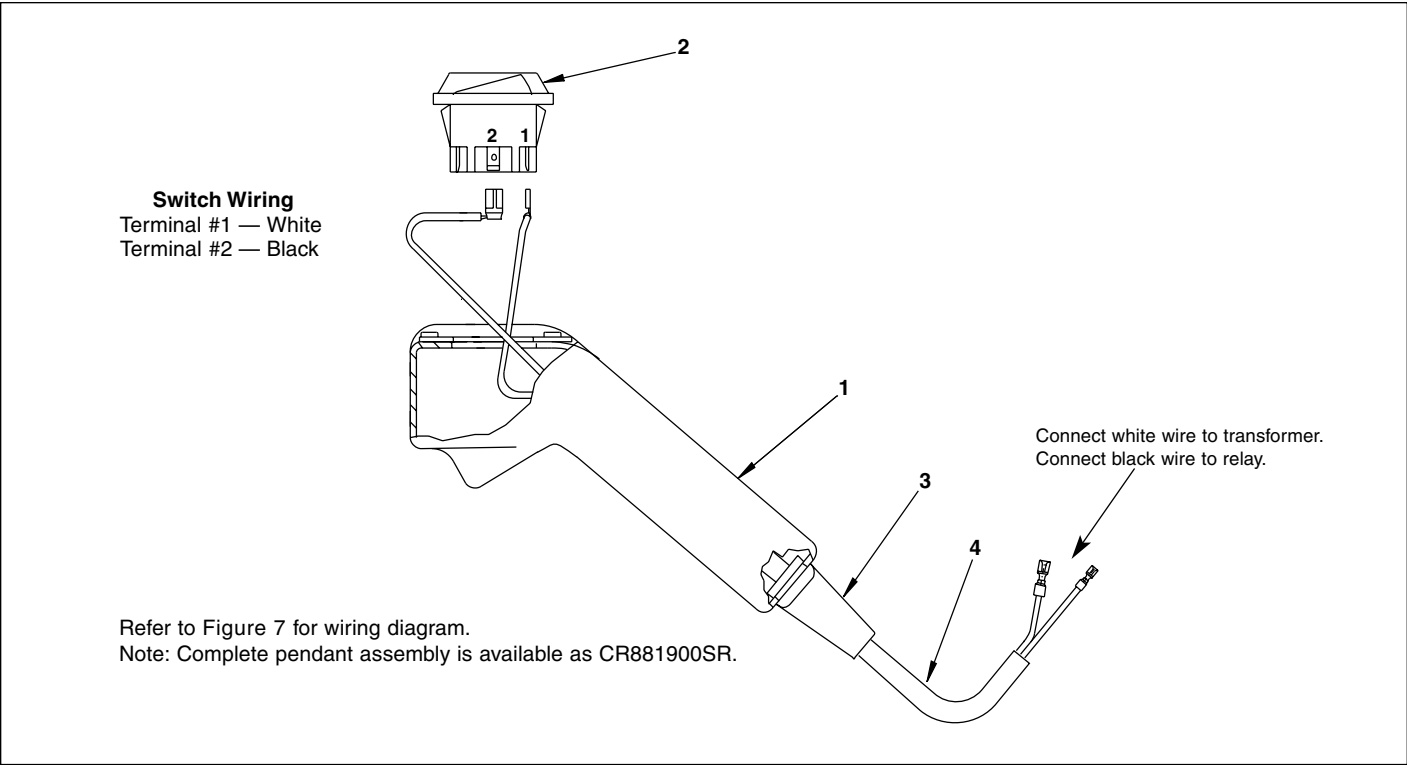


Figure 9, Remote Pendant Assembly

Repair Parts List for Figure 9							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	CU598190	1	Pendant Body	3	DA1568007	1	Strain Relief
2	CU911372	1	Switch	4	CR880950SR	1	Wire Assembly (incl item #3)

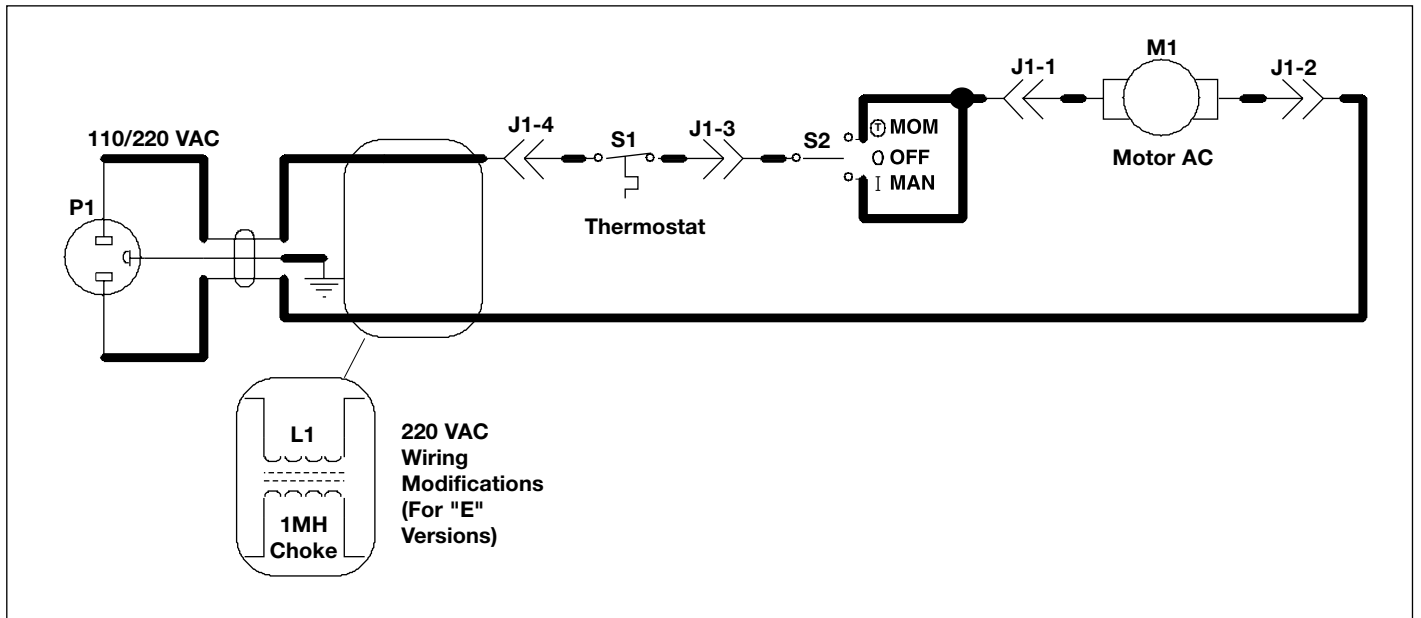


Figure 10, Electrical Schematic, PUM Models

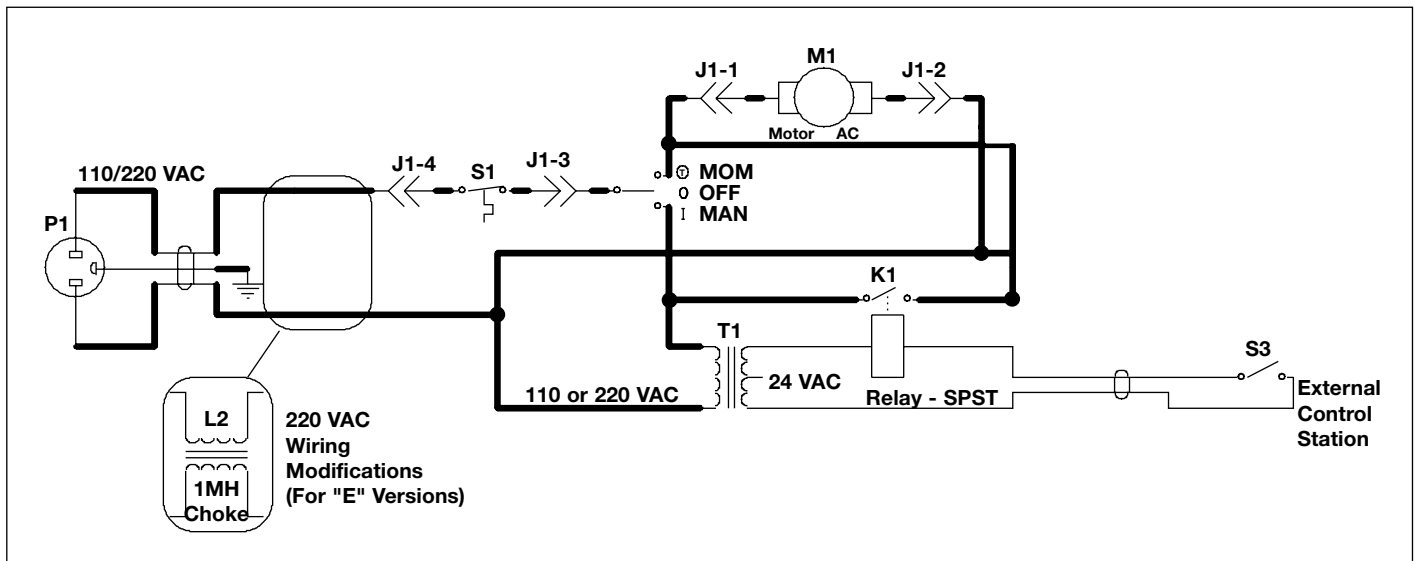


Figure 11, Electrical Schematic, PUJ Models

Figure	Item No.	Torque Specification and/or Assembly Notes
1	18	Apply 1 drop Loctite #242 to threads. Torque to 12 to 18 in-lbs (1,4 to 2,0 Nm).
1	154	Torque to 27-31 in-lbs (3,1 to 3,5 Nm).
1	Note 1	Install bearing, Item 117, flush to 0.010" (2,54 mm) recessed from surface.
2	10	Trim wire length to 9 to 10 inches (228 - 254 mm) before attaching pins (item 10). Then insert into item 24.
2	15	Torque to 27 to 31 in-lbs, (3,1 to 3,5 Nm).
3	130,131	Torque to 15 to 20 ft-lbs (20 to 27 Nm).
3	138	Torque to 25-30 in-lbs (28,8 to 34,5 cm/kg). Apply Locite 242 to threads before assembly.
3	195	Torque to 6-10 ft-lbs (8,1 to 13,5 Nm).
4	15	Torque to 27-31 in-lbs (3,1 to 3,5 Nm).
4	109	Torque to 14 to 16 ft-lbs, dry (19,0 to 21,7 Nm).
4	121	Torque to 16-19 ft-lbs, dry (21,7 to 25,8 Nm).
4	143	Align tube to face mesh and splash lubricate upper needle bearing.
4	146	Seat must be coined prior to assembly.
4	148	Assemble with Loctite #545.
4	150	Relief valve setting should be from 250 to 400 psi (17,3 to 27,9 bar).
4	190	Assemble with Loctite #609.
4	Note 2	Stake threads after setting pressure.
6	5	Torque to 47-53 in-lbs (5,3 to 6,0 Nm). Use Loctite #242 on item #5.
6	8	Torque to 9-12 in-lbs (1,0-1,3 Nm).
6	24	Attach to receptacle on shroud.

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