

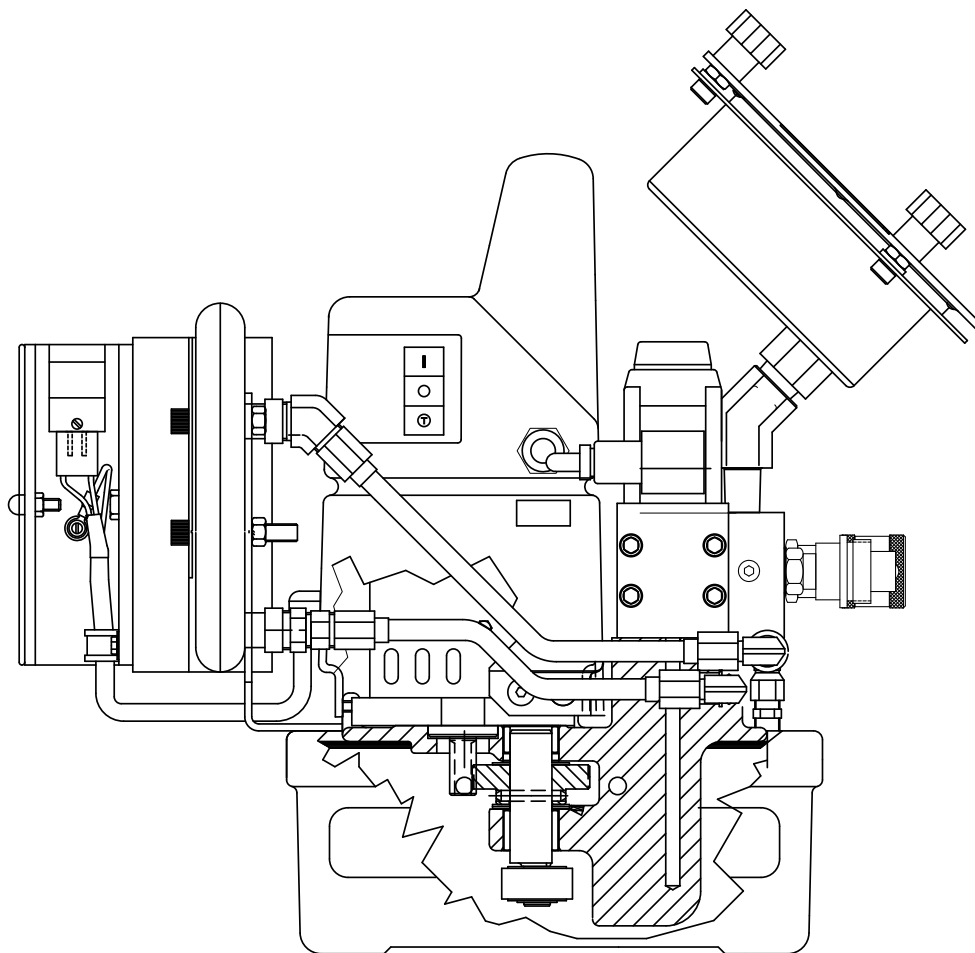
PMU10422Q and PMU10427Q Portable Electric Torque Wrench Pumps

L2662 Rev. J 11/20

PMU10422Q: For Date Codes Beginning with the Letter "G"
PMU10427Q: For Date Codes Beginning with the Letter "H"

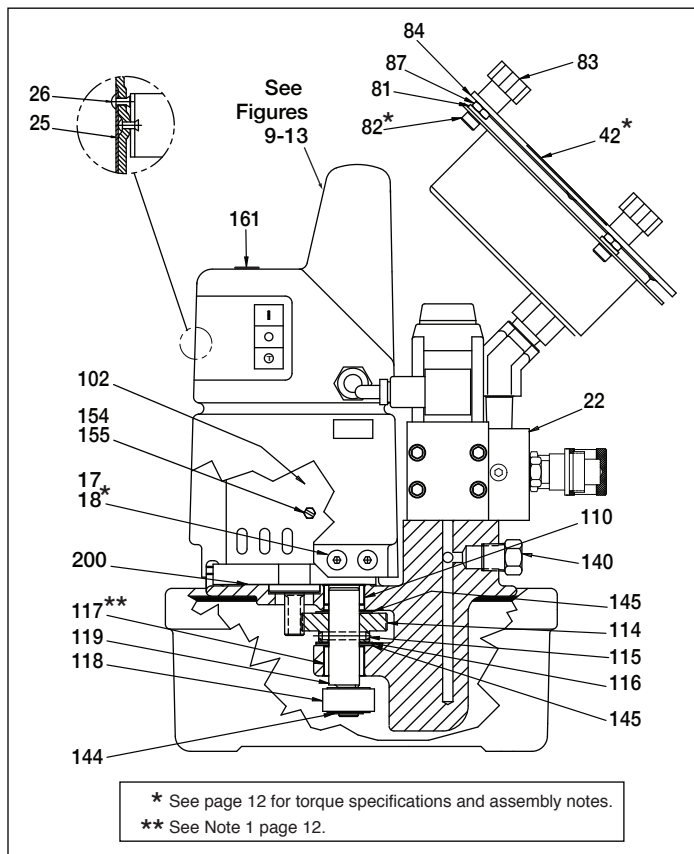
Index:

English.....	1-12
Français.....	12-22



Contents:

Figure 1 - Pump Side View.....	2	Figure 11 - Shroud Wiring-Left of Motor.....	5
Figure 2 - Pump Front View (shroud removed).....	2	Figure 12 - Shroud Wiring-Right of Motor.....	5
Figure 3 - Relief Valve.....	2	Figure 13 - Top View-Cord and Cables.....	6
Figure 4 - Pump Bottom View.....	2	Figure 14 - Pendant Assembly.....	7
Figure 5 - Heat Exchanger.....	3	Figure 15 - Poppet Valve.....	8
Figure 6 - Pump Front View (assembled).....	3	Figure 16 - Poppet Valve Assembly.....	9
Figure 7 - Pump Top View.....	4	Figure 17 - Poppet Valve Assembly.....	10
Figure 8 - Wiring Diagram.....	4	Figure 18 - Unloading Valve.....	10
Figure 9 - Shroud Wiring-Behind Motor.....	5	Figure 19 - Electrical Schematic, Model PMU10422Q.....	11
Figure 10 - Shroud Wiring-Front of Motor.....	5	Figure 20 - Electrical Schematic, Model PMU10427Q.....	11



**Figure 1, Pump Side View
(Heat Exchanger not shown)**

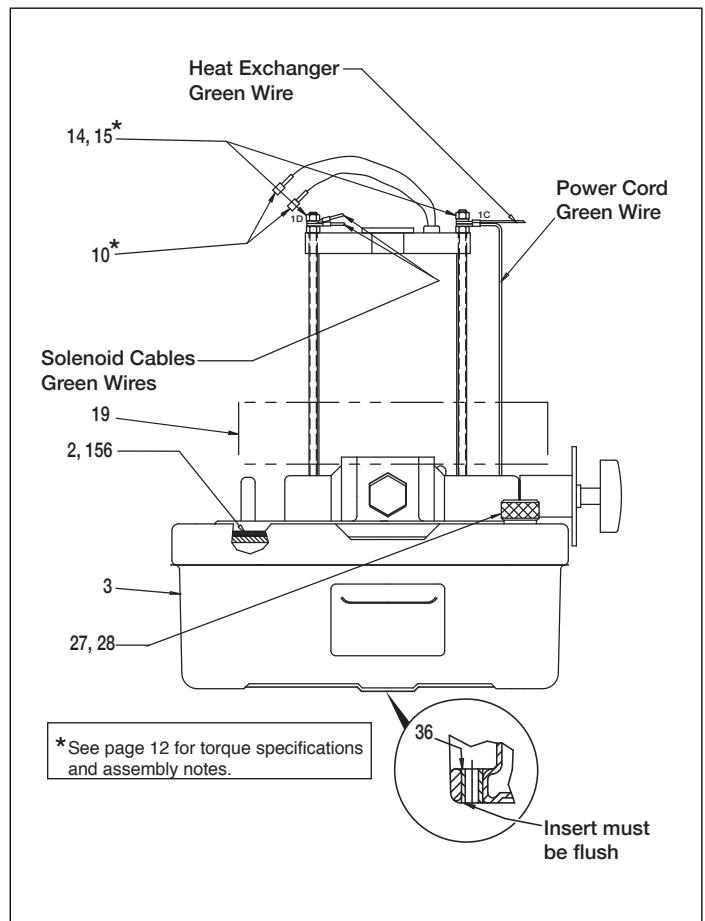


Figure 2, Pump Front View 1 (shroud removed)

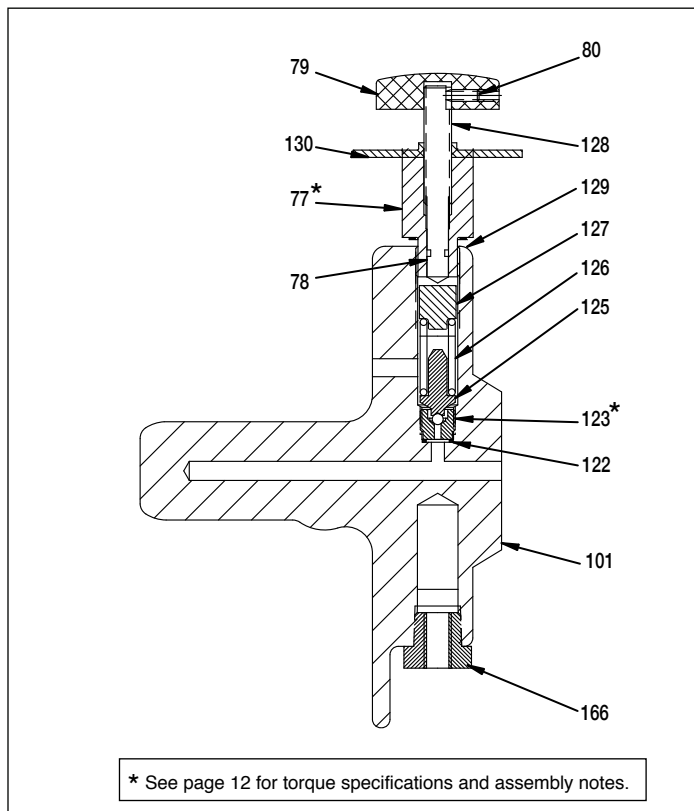


Figure 3, Relief Valve

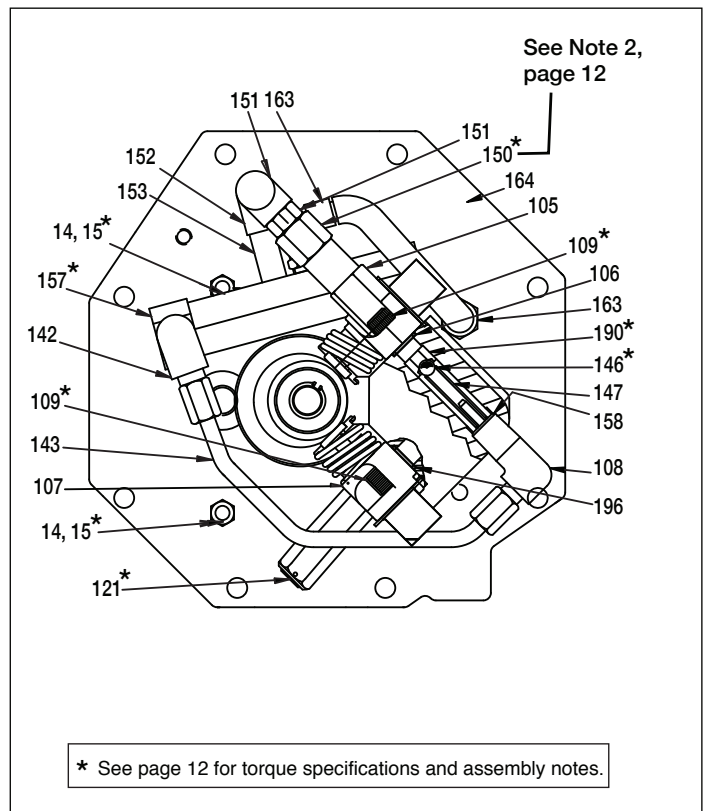


Figure 4, Pump Bottom View

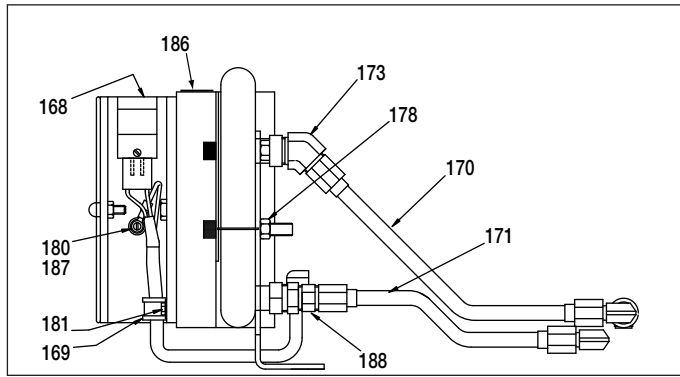


Figure 5, Heat Exchanger

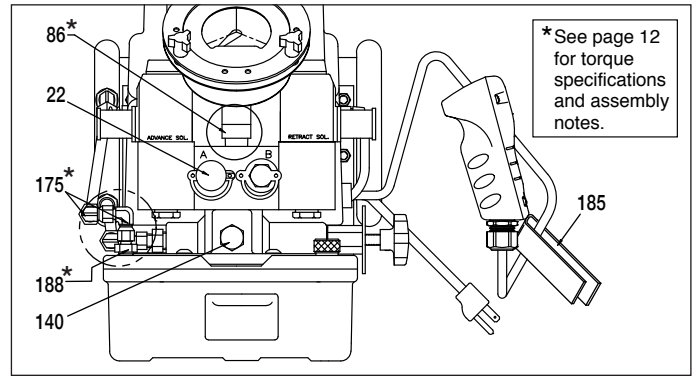


Figure 6, Pump Front View (assembled)

Repair Parts List for Figures 1 through 6

Item	Part Number	Qty.	Description
2	★ DA12088167SR	1	Gasket (Includes item 156)
3	DA1910900SR	1	Reservoir Assembly
10	DA3776006	2	Pin
14	DA15066	4	Lock Washer
15	B1018121	4	Hex Nut
17	CW261225	6	Eyelet
18	F866028	6	Machine Screw
19	CW259298	1	Baffle
22	DC6883900	1	115V Poppet Valve Ass'y
	DC6885900	1	230V Poppet Valve Ass'y
25	Contact Enerpac	1	Nameplate
26	DC818003	4	Pop Rivet
27	DA608024	1	Vent Plug
28	★ B1906503	1	O-Ring
36	DA931225	2	Insert
42	DC3760900	1	Gauge
77	DA5775190	1	Adjusting Screw Body
78	★ B1003503	1	O-Ring
79	CB815381	1	Knob
80	DC5714028	1	Set Screw
81	B1080066	3	Lockwasher
82	B1326028	3	SHCS
83	DA7858147	3	Knob
84	DC2926004	1	Flange
85	DC7078900	1	Overlay Kit
86	F100095	1	Fitting, 45°
87	B1018121	3	Hex Nut
101	DA12490840SR	1	Pump Manifold (includes # 121)
102	CW179259	1	115 VAC Motor
	DC1415259	1	230 VAC Motor (50 Hz)
105	DD1449051SR	1	Piston Block Assembly, 14mm
106	★ B1007503	1	O-Ring
107	DD1450051SR	1	Piston Block Assembly, 6mm
108	★ B1012803	1	O-Ring
109	B1010028X	4	Screw
110	CW252107	1	Bearing
114	CW301228	1	Driven Gear
115	★ B1097057	1	Spring Pin
116	★ CW199107	1	Bearing
117	CW251107	1	Bearing
118	CW302107	1	Bearing
119	CW303104	1	Shaft
121	DA5999900SR	1	Relief Valve (see Figure 4)
122	★ C846037	1	Gasket
123	★ DA5771290	1	Seat
125	DC1316900SR	1	Ball Guide Assembly
126	★ DA3282110	1	Compression Spring
★ Included in Repair Kit PME10427K			

Item	Part Number	Qty.	Description
127	DA5772013	1	Spring Guide
128	DA5773048	1	Adjusting Screw
129	★ S1167	1	Gasket
130	DA5774021	1	Lock Nut
140	R515245-2	1	Plug
142	B202291	1	Elbow
143	DA7000268	1	Tube
144	★ CW467044	1	Retaining Ring
145	★ DA445107	2	Bearing
146	★ B1007016	1	Ball
147	★ DA1564110	1	Spring
149	DA5859028	4	Cap Screw
150	DA1015950SR	1	Relief Valve Assembly
151	DA5849092	1	Elbow Fitting
152	Y714291	1	Elbow
153	★ C642395	1	Nipple
154	★ CU876028	3	Screw (10-24)
155	DA3585186	3	Spacer
156	See item 2	1	Gasket
157	★ DA9628900SR	1	Unloading Valve Assembly
158	DC834900SR	1	Spring Guide Assembly
161	DA5879026	1	Warning Decal
163	F100097-52	2	Male Elbow, 90°
164	DC1939268	1	Nylon Tubing
165	F100097-33	1	Connector, Male
166	CJ657032	1	Bushing, Reducer
168	DA9432471	1	Heat Exchanger, 115V
	DA9572471	1	Heat Exchanger, 230V
169	Y99017	1	Strap
170	DA9511268	1	Tube
171	DA9512268	1	Tube
173	F100094102	1	45° Elbow
174	F100094-5	1	Connector, Male
175	F100094-210	3	Elbow
178	CBE1080120-2A	4	Lock Nut
180	CU876028	2	Screw
181	DA7567028	1	Screw
185	DA7570217	1	Cord Strap
186	DA9590026	1	Decal, Spartan
187	B1080066	1	Lockwasher
190	DA12352290	1	Ball Seat
188	CA945096	2	Connector
196	★ C332291	1	Fitting
200	★ DC1947167	1	Gasket

Replacement Brushes for Electric Motor

---	DA9655380	1	Brush Set for 115V Models
---	DA9656380	1	Brush Set for 230V Models

* See page 12 for torque specifications and assembly notes.

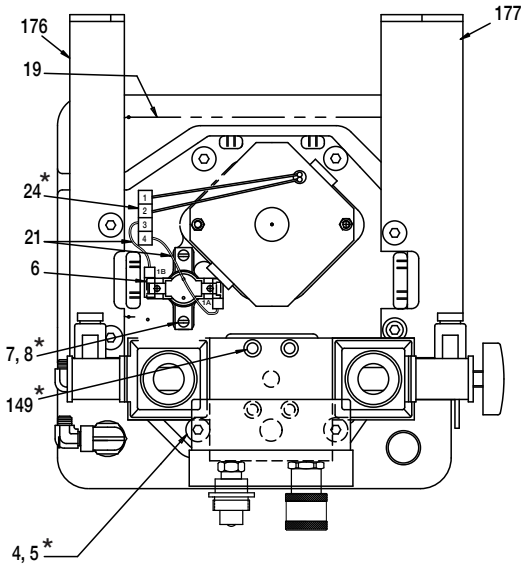


Figure 7, Pump Top View

Repair Parts List for Figure 7

Item	Part Number	Qty.	Description
4	DA6954167	8	Gasket
5	DC2038028	8	Screw
6	DA5135380	1	Thermostat, 115V
	DC8368372	1	Thermostat, 230V
7	C701222	2	Washer
8	M642028	2	Screw
19	CW259298	1	Baffle
21	DC7969960	2	Wire Assembly
24	DA11540380	1	Pin Housing
149	DA5859028	4	Cap Screw
176	DA9439111	1	Bracket, Right
177	DA9438111	4	Bracket, Left

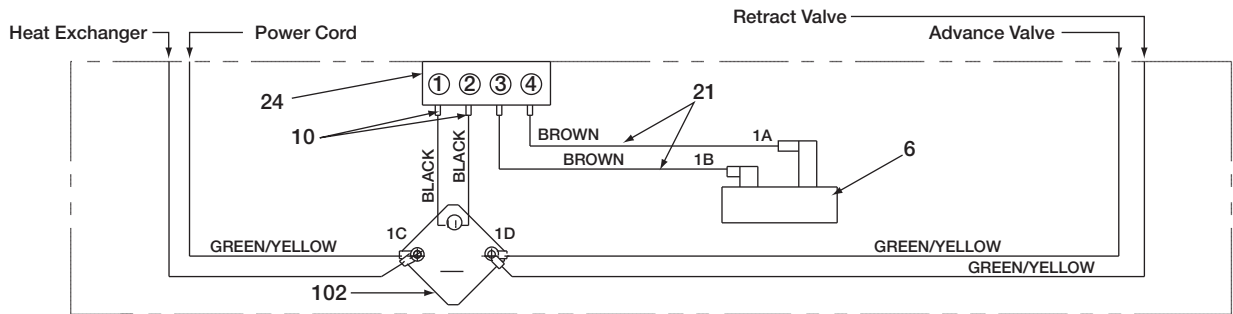


Figure 8, Wiring Diagram

Repair Parts List for Figure 8

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
6	DA5135380	1	Thermostat, 115V	24	DA11540380	1	Pin Housing
	DC8368372	1	Thermostat, 230V		CW179259	1	Motor, 115VAC
10	DA3776006	2	Pin	102	DC1415259	1	Motor, 230VAC (50Hz)
21	DC7969960	2	Wire Assembly				

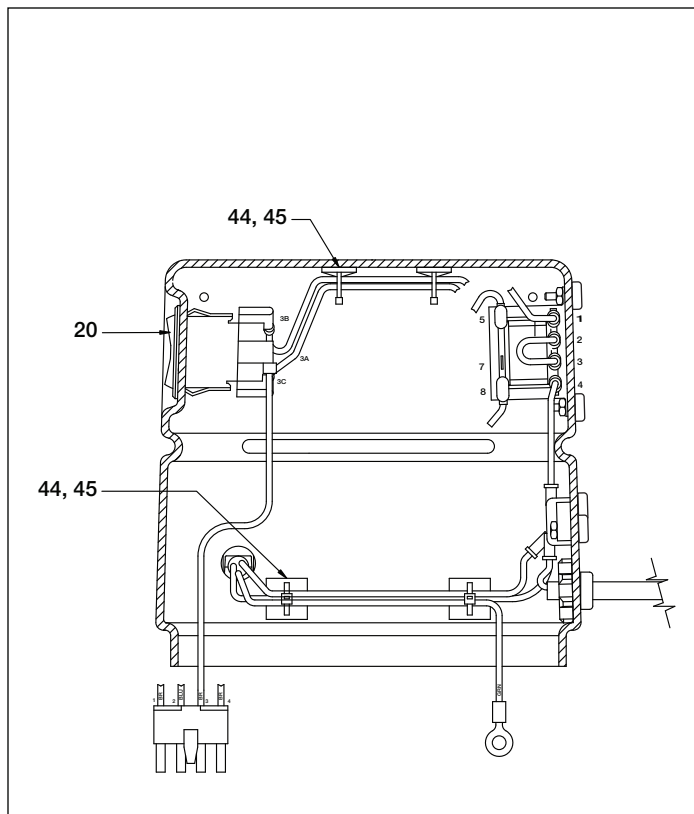


Figure 9, Shroud Wiring - Behind Motor

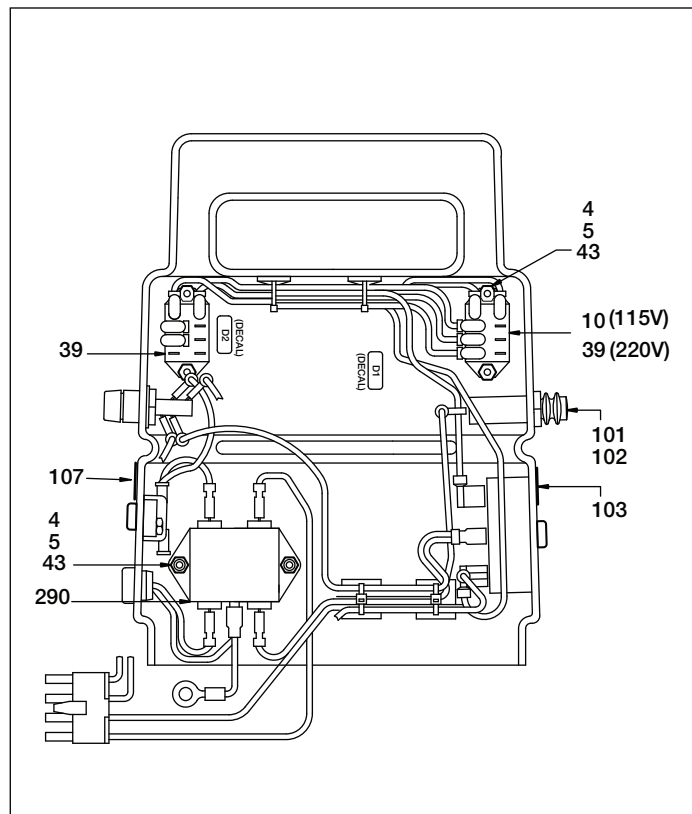


Figure 10, Shroud Wiring - Front of Motor

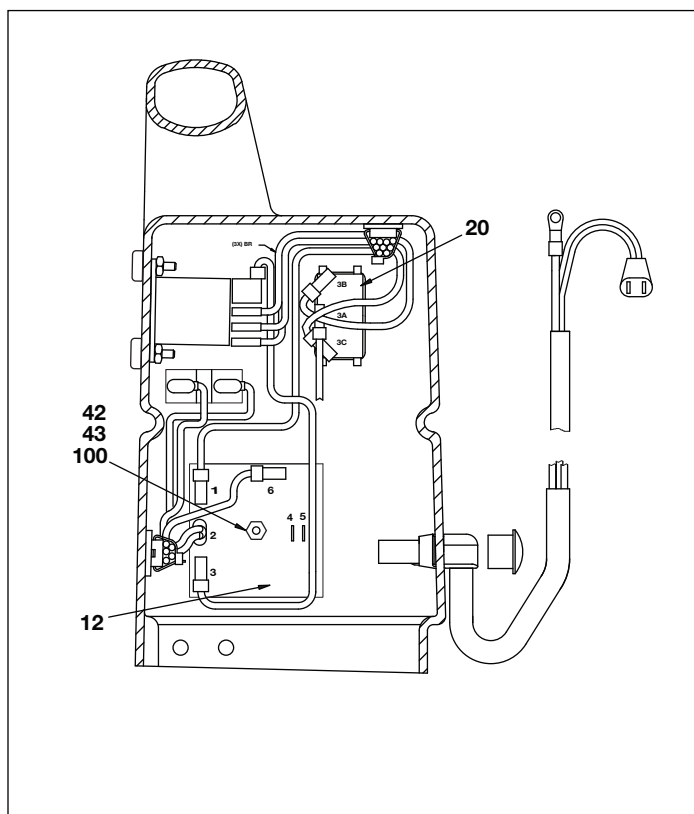


Figure 11, Shroud Wiring - Left of Motor

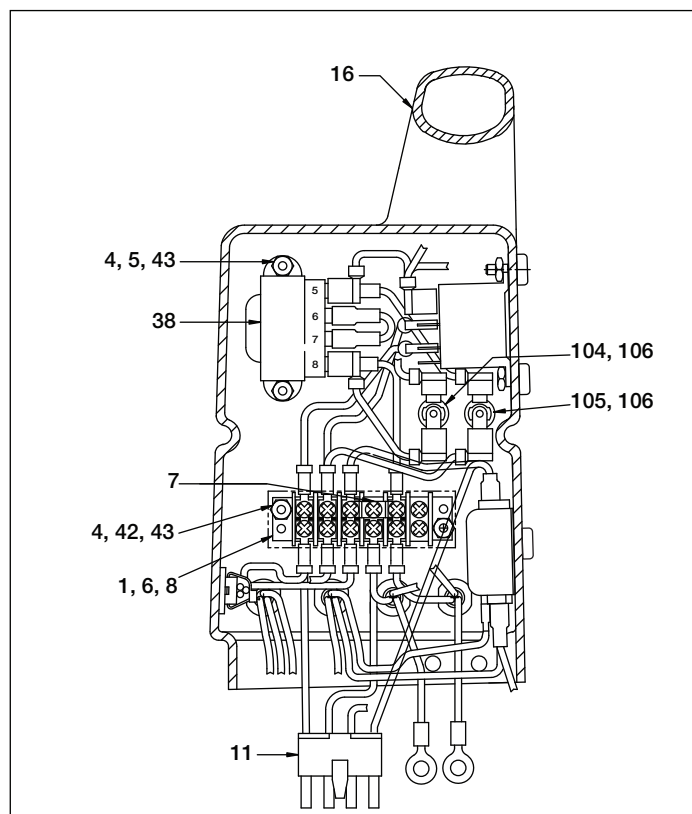


Figure 12, Shroud Wiring - Right of Motor

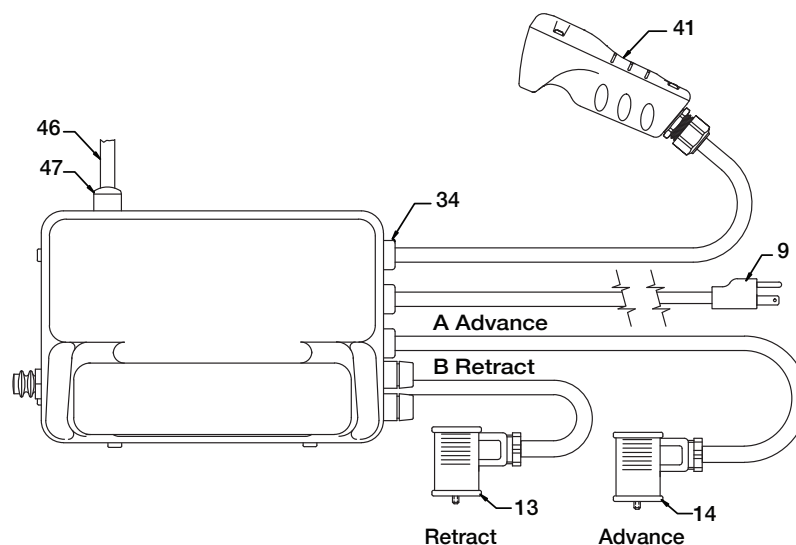


Figure 13, Top View, Cord and Cables

Repair Parts List for Figures 9-13

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	DA5884199	1	Terminal Strip	41	DD1049900SR	1	Pendant/Cable Assy. (Fig.14)
4	BC1310728	8	Screw (115V)	42	B1013121	3	Hex Nut
	BC1310728	10	Screw (230V)	43	DA5974098	9	Screw Cover (115V)
5	F75021	6	Lock Nut, #6-32 (115V)		DA5974098	11	Screw Cover (230V)
	F75021	8	Lock Nut, #6-32 (230V)	44	EHC3901075	6	Tie Down, Self Adhesive
6	DA5801199	1	Terminal Marker Strip	45	DA3131217	7	Cable Tie
7	DA5803199	2	Terminal Jumper	46	DC7890960	1	Heat Exchanger Cable
8	DA5802199	1	Terminal Cover	47	DA9521380	1	Bushing, Right Angle
9	DC7967960SR	1	Power Cord, 115VAC	100	DC7968028	4	Screw #6-32 x 1.25
	DD5840960SR	1	Power Cord, 230VAC	101	DC8366380	1	Circuit Breaker (115V)
10	DC8280980	1	Relay d2 (115V only)		DC8367380	1	Circuit Breaker (230V)
11	DA11539380	1	Socket Housing	102	DC8200380	1	Circuit Breaker Reset Cap
12	DC8281784	1	Timer Module	103	DC8237023	1	Circuit Breaker Decal
13	DC8402960SR	1	Solenoid Cable, Retract	104	DC8371378	1	Secondary Fuse, 300mA
14	DC8403960SR	1	Solenoid Cable, Advance	105	DC8370378	1	Primary Fuse, 62mA (115V)
16	★DC10043098	1	Shroud, 115V		DC8400378	1	Primary Fuse, 40mA (230V)
	★DC10042098	1	Shroud, 230V	106	DC8372378	2	Fuse Holder
20	E1500002	1	Switch	107	DC7891026	1	Fuse Decal
34	CR759291	4	Cord Bushing	290	DC8365380	1	EMI Filter (230V only)
38	DA5875380	1	Transformer				
39	DD2668380	1	Relay d1 (115V)				
	DC8280980	2	Relay d1 and d2 (230V)				

★ Note: For replacement shroud assembly (includes items 1 through 290, above), order Repair Kit DC7940900SR (115V) or DC7941900SR (230V).

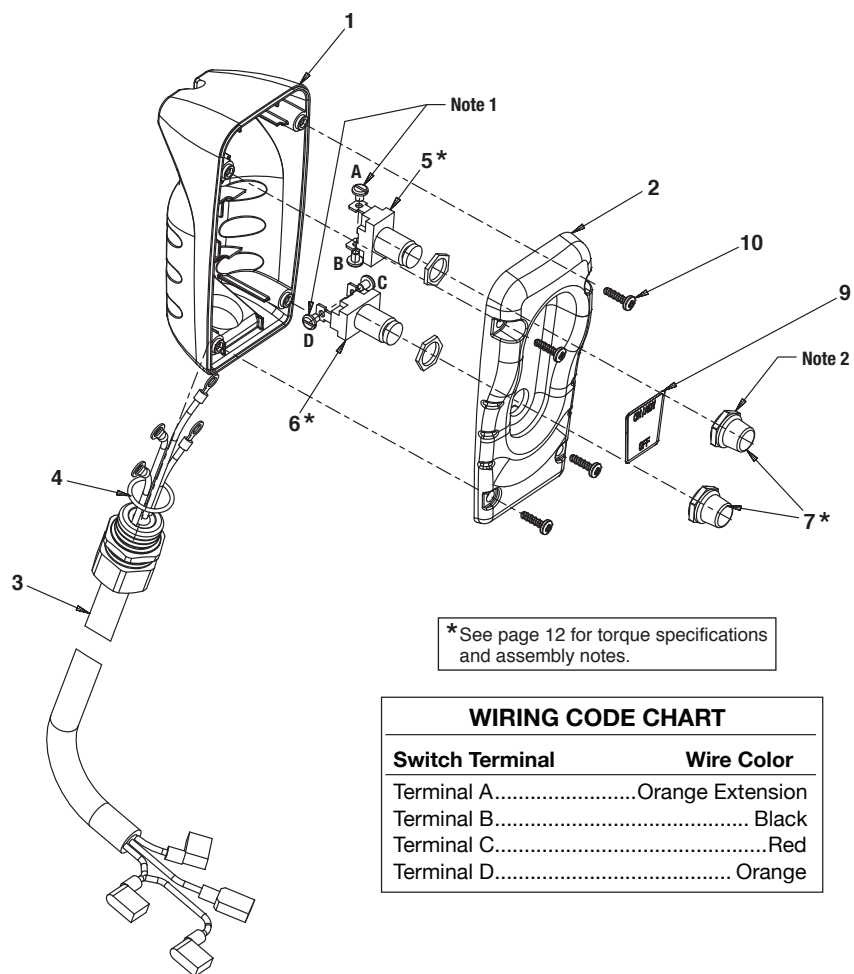


Figure 14, Pendant Assembly

Repair Parts List for Figure 14

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	DC9425424	1	Assembly, Lower Pendant	6	DC8283379	1	Push Button, N.O. Black
2	DC8122424	1	Assembly, Upper Pendant	7	DC8284379	1	Boot, Push Button, Black
3	DD1054960	1	Cord Assembly	9	DC8127026	1	Pendant Decal (ON/ADV - OFF)
4	B1223503	1	O-Ring	10	DC9428008	4	Screw, HI-LO #8 x 1/2"
5	DC8282379	1	Push Button, N.O. Black				
All Models: For complete replacement pendant assembly, order Repair Kit DD1049900SR.							

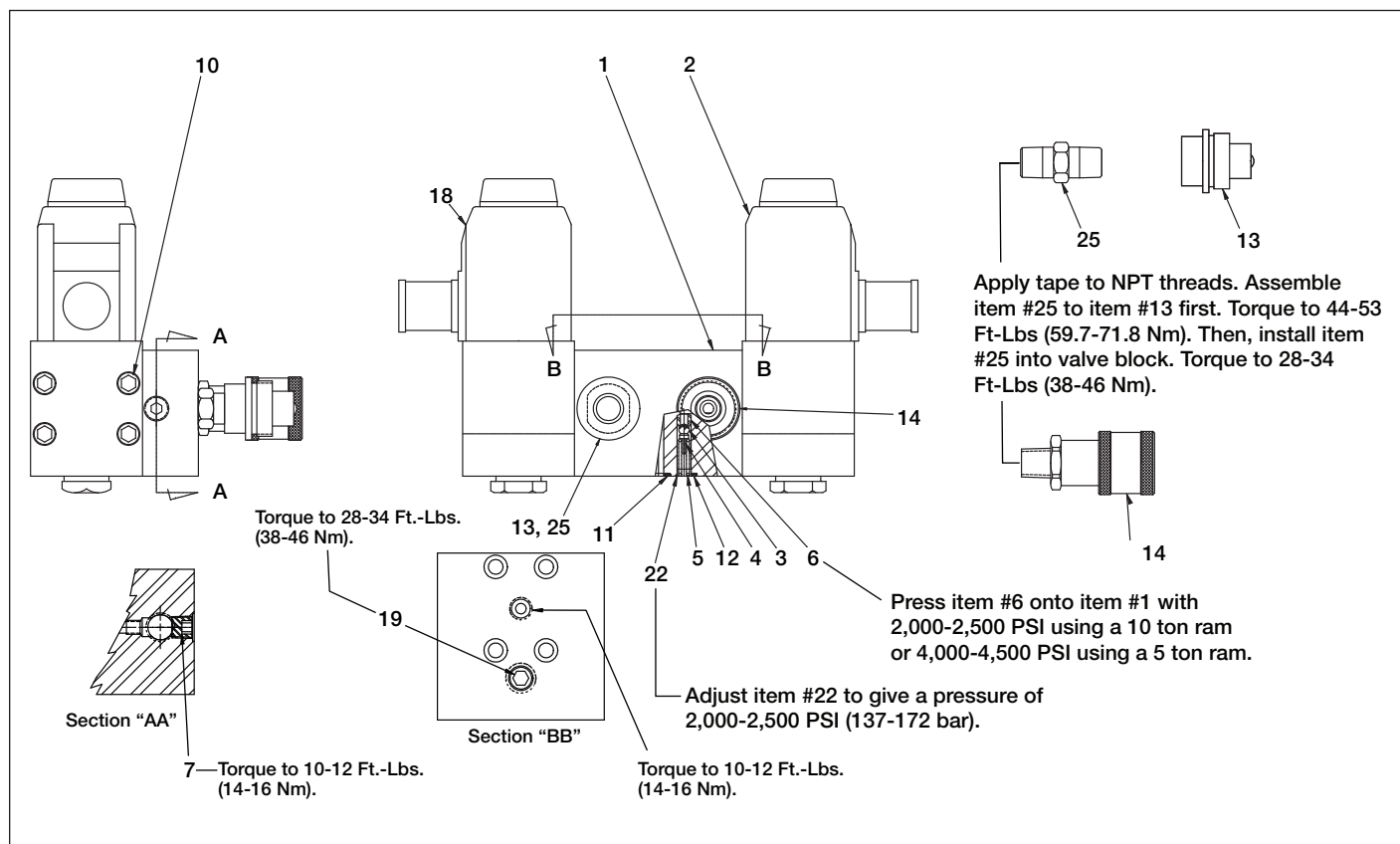


Figure 15, Poppet Valve

Repair Parts List for Figure 15

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	▲★ DC4920190	1	Body	11	▲★ B1011803	1	O-Ring
2	VSG2310P	1	Poppet Valve, 115V (see Fig. 16)	12	▲★ B1231503	2	O-Ring
	VSG3510P	1	Poppet Valve, 230V (see Fig. 16)	13	DC6188020	1	Male Coupler
3	▲★ B1005016	1	3/16" Ball	14	U962148134-2	1	Female Coupler
4	▲★ F522570	1	Ball Cap	18	DC847900SR	1	Poppet Valve, 115V (see Fig. 17)
5	▲★ A8238110	1	Compression Spring		DC848900SR	1	Poppet Valve, 230V (see Fig. 17)
6	▲★ A8015290	1	Seat	19	▲ A1008245	1	Pipe Plug - 3/4"
7	▲★ A1007245	2	Pipe Plug - 1/8"	22	▲★ DC5840048	1	Hollow Lock Screw
10	▲ B1022028	8	Screw	25	▲ CJ647096	1	Hex Nipple

★ Indicates items included in Repair Kit DA5476900K.
(Repair Kit DA5476900K is included in Pump Repair Kit PME10427K.)

▲ Indicates items included in Repair Kit DA5850190SR.

Note: Body DC4920190 in Kit DA5850190SR now has 1/4 NPTF ports.
Be sure you have couplers with 1/4 NPTF threads or order DC6432034 and DC6431034 couplers.

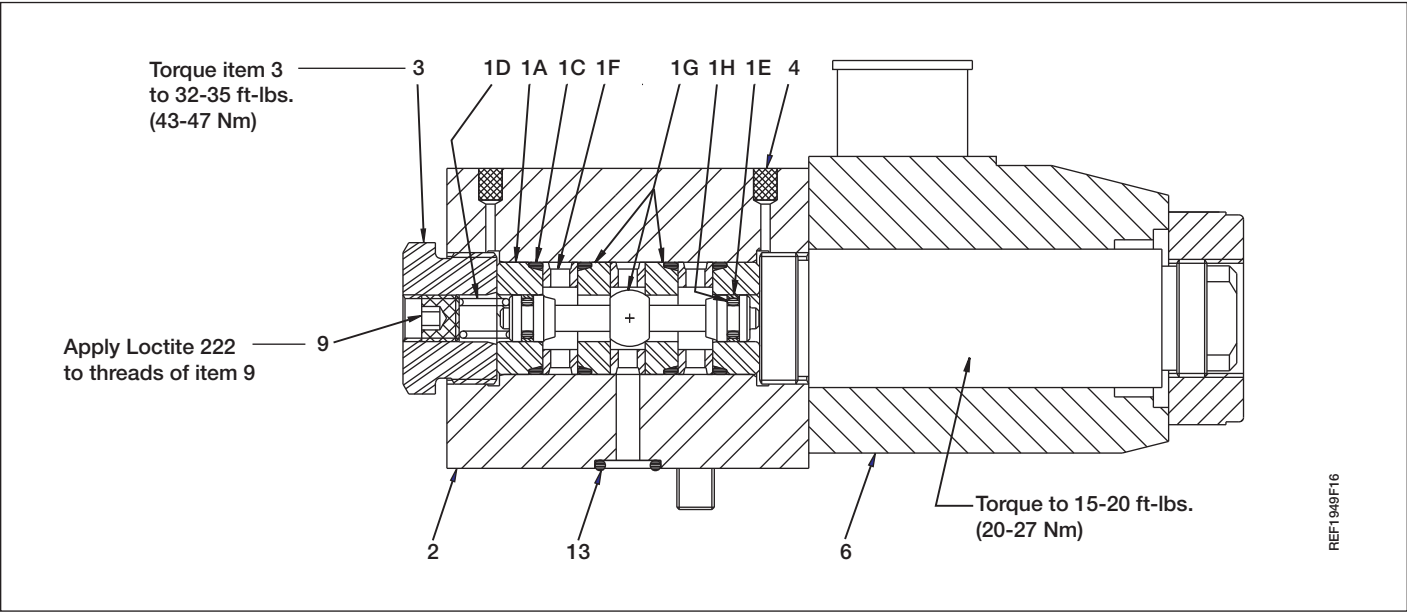


Figure 16, Poppet Valve Assembly

Repair Parts List for Figure 16							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	DA5792949SR	1	Valve Stack (inc. items 1A-1H)	2	DA4393190	1	Valve Block Body
1A	DA3697039	2	Bushing	3	DA5421009	1	Valve Plug
1C	B1016803	4	O-ring	4	DA4390118	2	Filter
1D	DA5422110	1	Comp. Spring	6	DA4405900	1	Solenoid Assembly (115V)
1E	CH279044	2	Glyd Ring		DA5714900	1	Solenoid Assembly (230V)
1F	DA3698290	3	Seat Spacer	9	PA1417027	1	Set Screw
1G	DC862949	1	Poppet Set	13	B1011803	3	O-Ring
1H	B1002503	2	O-Ring				

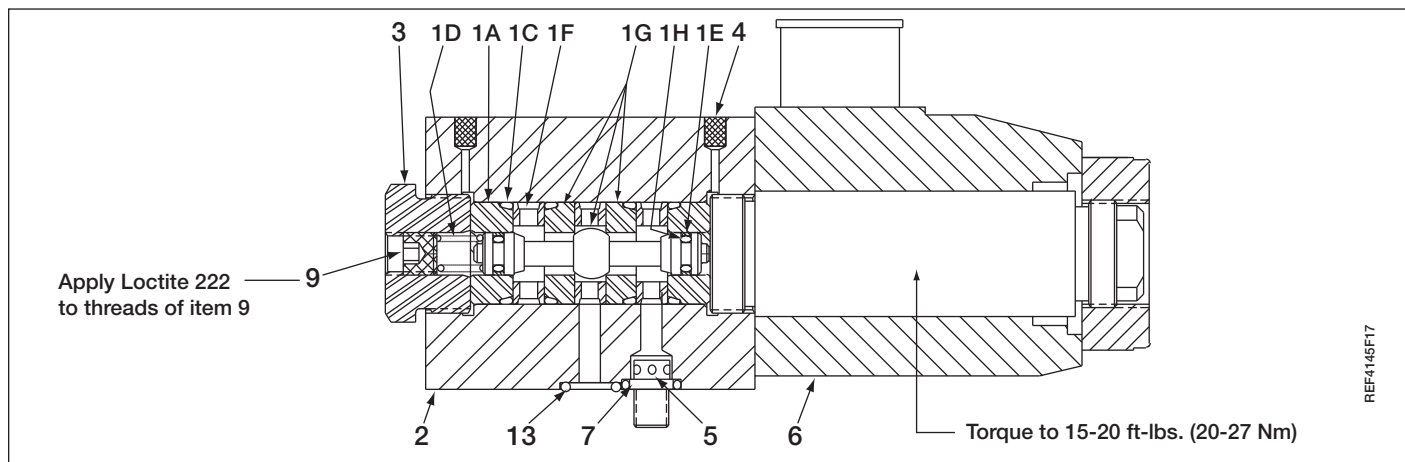


Figure 17, Poppet Valve Assembly

Repair Parts List for Figure 17

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	★ DA5792949SR	1	Valve Stack (inc. items 1A-1H)	3	DA5421009	1	Valve Plug
1A	★ DA3697039	2	Bushing	4	★† DA4390118	2	Filter
1C	★† B1016803	4	O-ring	5	DC844661SR	1	Check Valve
1D	★† DA5422110	1	Comp. Spring	6	DA4405900	1	Solenoid Assembly (115V)
1E	★† CM279044	2	Glyd Ring		DA5714900	1	Solenoid Assembly (230V)
1F	★ DA3698290	3	Seat Spacer	7	★† B1006503	1	O-Ring
1G	★ DC862949	1	Poppet Set	9	PA1417027	1	Set Screw
1H	★† B1002503	2	O-Ring	13	★† B1011803	3	O-Ring
2	DC846190	1	Valve Block Body				

★ Indicates items included in Repair Kit DA5476900K.

Repair Kit DA5476900K includes (2) DA5792949K Repair Kits.

Repair Kit DA5476900K is included in Pump Repair Kit PME10427K.

† Items included in Repair Kit DA5792949K.

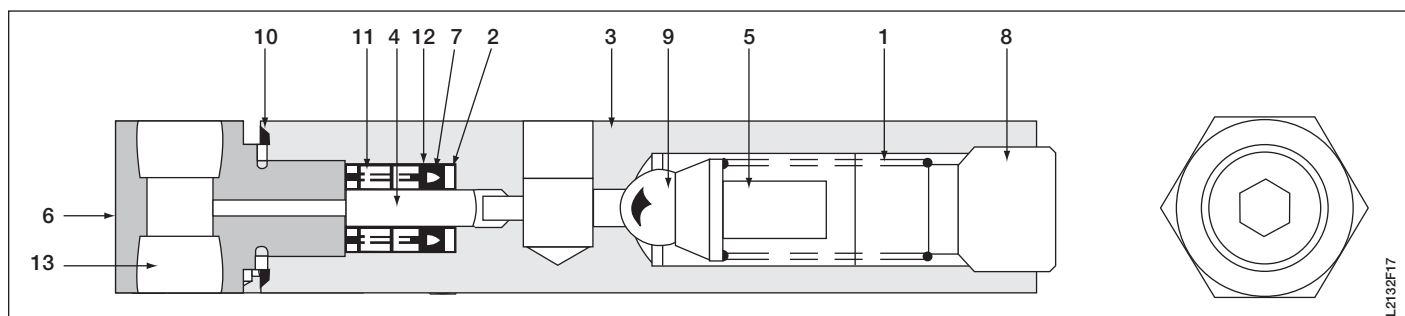


Figure 18, Unloading Valve

Repair Parts List for Figure 18

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	★ DA3282110	1	Compression Spring	8	C641087	1	Screw
2	★ SJ100016	1	Back-Up Washer	9	★ B1009016	1	Ball
3	DA9628900SR	1	Valve Assembly (Complete)	10	★ S15167	1	Gasket
4	C622339	1	Plunger	11	★ S4375	1	Spring
5	DA3284160	1	Ball Retainer	12	★ B1024562	1	Leather Back-Up Ring
6	DA3285038	1	Adaptor	13	A1007245	1	Pipe Plug
7	★ C639053	1	U-Cup				

★ Indicates items included in and available only as a part of Repair Kit DA3281900K.

(Repair Kit DA3281900K is included in Pump Repair Kit PME10427K).

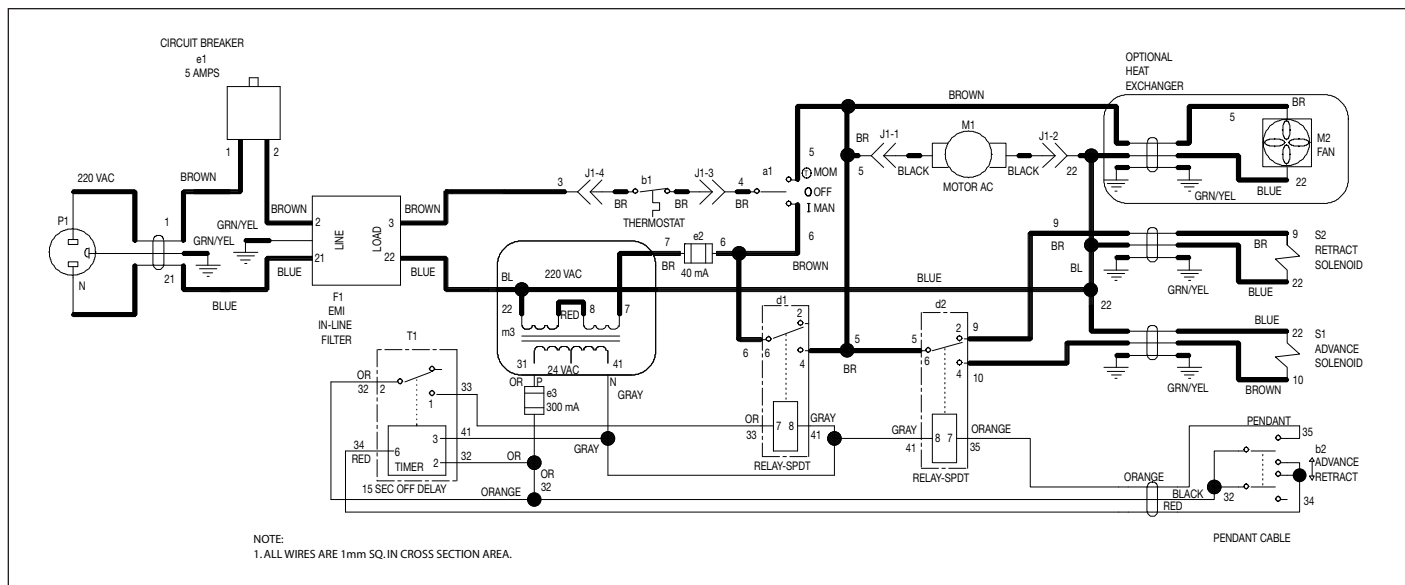


Figure 19, Electrical Schematic, Model PMU10422

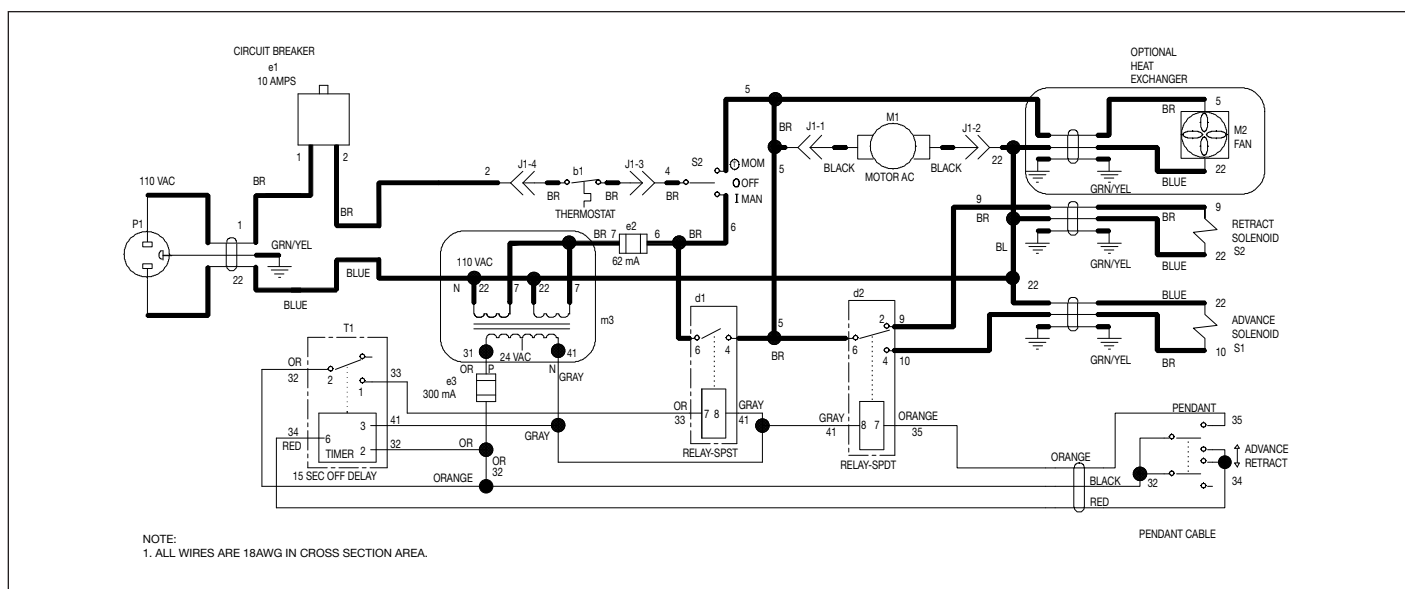
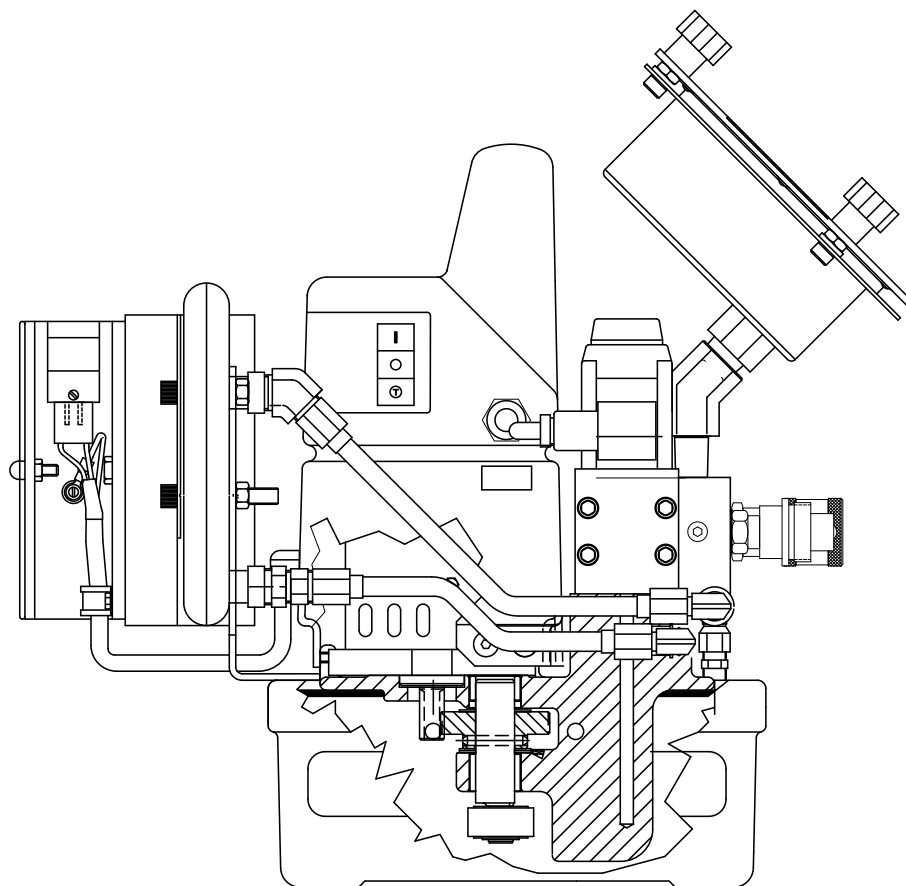


Figure 20, Electrical Schematic, Model PMU10427Q

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	42	Torque to 24-30 ft-lbs (32 to 40 Nm).
1	82	Torque to 18-25 in-lbs (2,0-2,8 Nm). Hold item 87 against gauge while securing item 82.
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 20 to 25 in-lbs, dry (2,2 to 2,8 Nm).
3	77	Torque to 15 to 20 ft-lbs (20 to 27 Nm).
3	123	Torque to 15 to 16 ft-lbs (20,0 to 21,7 Nm) lubricated.
4	15	Torque to 31-33 in-lbs, dry (3,5 to 3,7 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	146	Seat must be coined.
4	150	Valve setting should be from 10 to 30 psi (0,7 to 2,0 bar).
4	157	Relief valve setting should be from 625 to 825 psi (43,2 to 56,8 bar).
4	190	Assemble with Loctite #609.
4	Note 2	Stake threads after setting pressure.
6	86	Torque to 44 to 53 ft-lbs (60 to 71 Nm). Connection must be leak free at operating pressure.
6	175, 188	Assemble oil cooler fittings and torque to 10-12 ft-lbs. Use Teflon tape on pipe threads Use Loctite 242 on tube nuts and torque to 18-22 ft-lbs.
7	149	Torque to 8 to 10 ft-lbs (10,8 to 13,5 Nm).
7	5	Torque to 49-52 ft-lbs, dry (66 to 70 Nm).
7	8	Torque to 8-12 in-lbs (0,9-1,35 Nm).
7	24	Attach to receptacle on shroud.
14	Note 1	Torque switch screw terminals A, B, C and D to 5.0-5.5 in-lbs (0,56-0,62 Nm) after making connections.
14	Note 2	Torque to 14-16 in-lbs (1,6-1,8 Nm).



Contents:

Figure 1 - Vue latérale de la pompe.....	14	Figure 11 - Câblage de la tôle de protection – côté gauche du moteur.....	17
Figure 2 - Vue avant de la pompe (Sans la tôle de protection)..	14	Figure 12 - Câblage de la tôle de protection – côté droit du moteur	17
Figure 3 - Valve de décharge.....	14	Figure 13 - Vue de dessus – cordons et câbles	18
Figure 4 - Vue de dessous de la pompe	14	Figure 14 - Pupitre mobile.....	19
Figure 5 - Échangeur de chaleur	15	Figure 15 - Soupape à champignon.....	20
Figure 6 - Vue avant de la pompe (assemblée).....	15	Figure 16 - Ensemble soupape à champignon	21
Figure 7 - Vue de dessus de la pompe.....	16	Figure 17 - Ensemble soupape à champignon	22
Figure 8 - Schéma de câblage	16	Figure 18 - Soupape d'allégement.....	22
Figure 9 - Câblage de la tôle de protection – derrière le moteur.....	17	Figure 19 - Schéma électrique, Modèle PMU10422Q.....	23
Figure 10 - Câblage de la tôle de protection – devant le moteur	17	Figure 20 - Schéma électrique, Modèle PMU10427Q.....	23

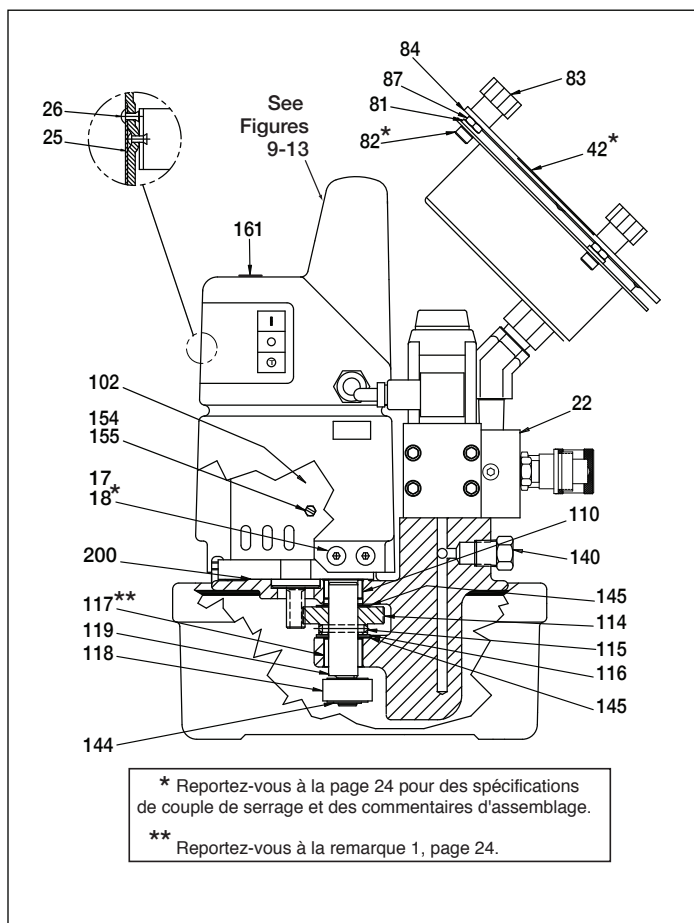


Figure 1, Vue latérale de la pompe (l'échangeur de chaleur n'est pas représenté)

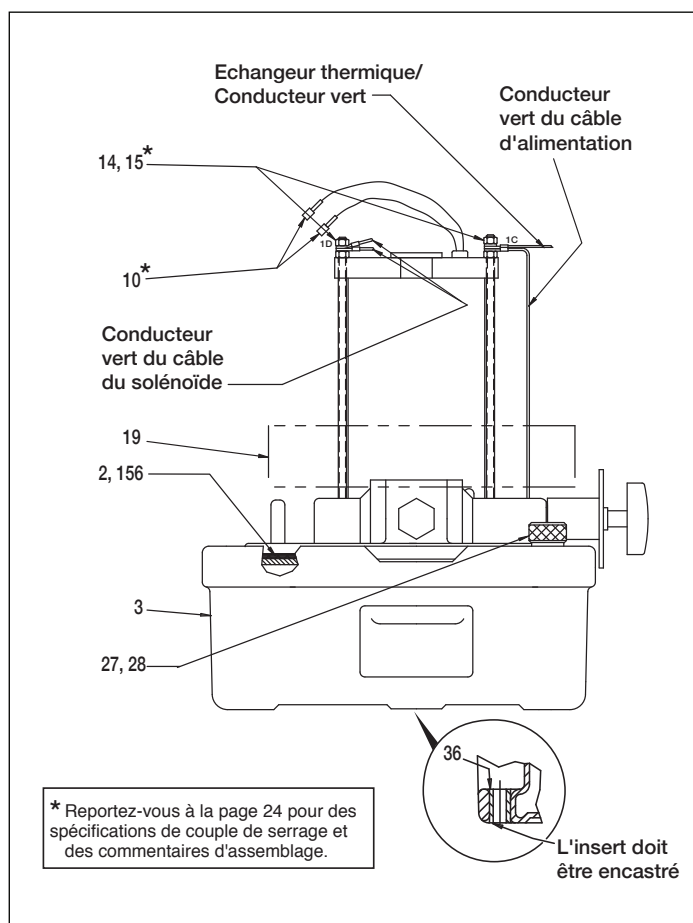


Figure 2, Vue avant de la pompe (Sans la tôle de protection)

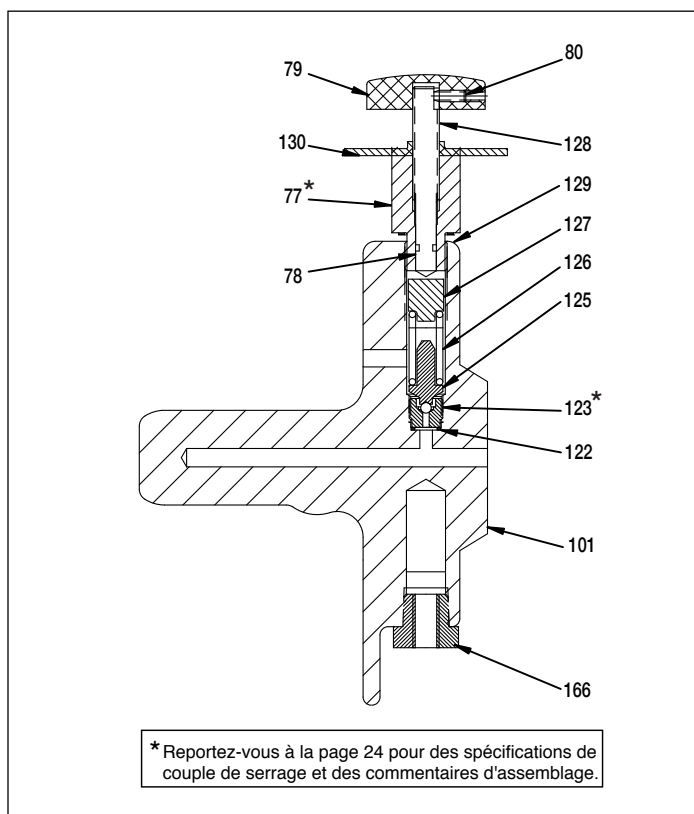


Figure 3, Valve de décharge

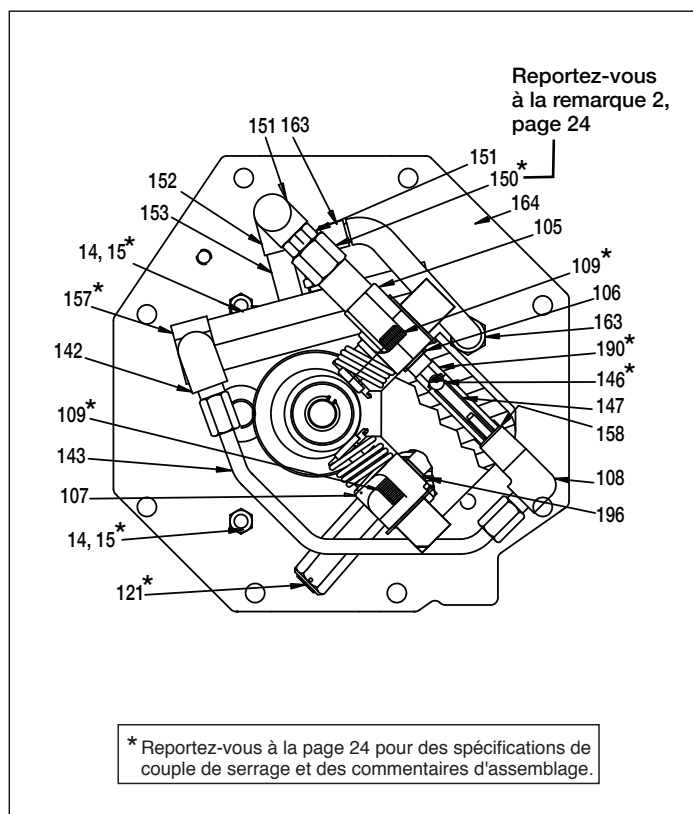


Figure 4, Vue de dessous de la pompe

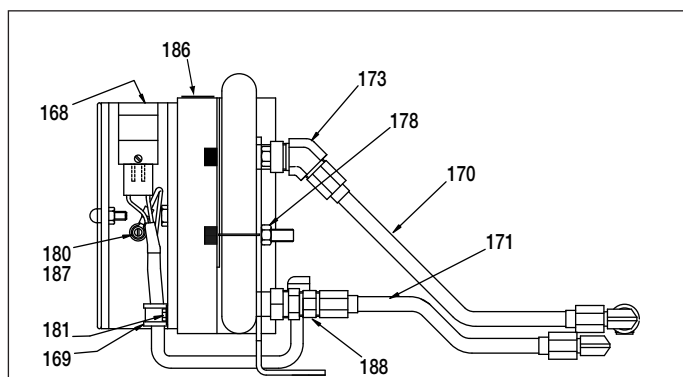


Figure 5, Échangeur de chaleur

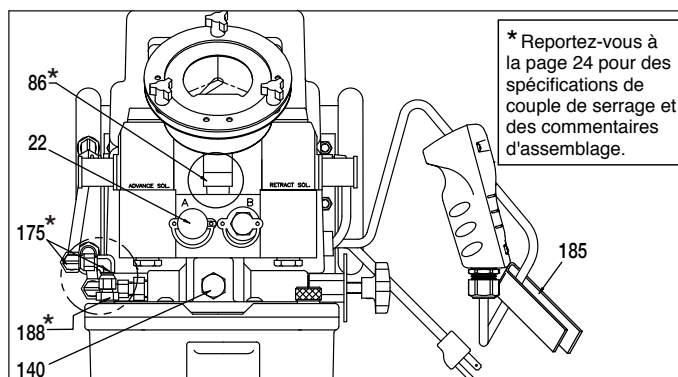


Figure 6, Vue avant de la pompe (assemblée)

Liste des pièces de rechange pour la Figure 1-6

Élément	Référence	Qté	Description
2	★ DA12088167SR	1	Joint (inclut l'article 156)
3	DA1910900SR	1	Ensemble du réservoir
10	DA3776006	2	Broche
14	DA15066	4	Rondelle de blocage
15	B1018121	4	Écrou hexagonal
17	CW261225	6	Oeilleton
18	F866028	6	Vis à métaux
19	CW259298	1	Chicane
22	DC6883900	1	Soupape à champignon 115V
	DC6885900	1	Soupape à champignon 230V
25	contacter Enerpac	1	Plaque signalétique
26	DC818003	4	Rivet pop
27	DA608024	1	Bouchon d'aération
28	★ B1906503	1	Joint torique
36	DA931225	2	Insert
42	DC3760900	1	Calibre
77	DA5775190	1	Vis de réglage
78	★ B1003503	1	Joint Torique
79	CB815381	1	Bouton
80	DC5714028	1	Vis de serrage
81	B1080066	3	Rondelle de blocage
82	B1326028	3	SHCS
83	DA7858147	3	Bouton
84	DC2926004	1	Bride
85	DC7078900	1	Kit Cadran
86	F100095	1	Raccord 45°
87	B1018121	3	Écrou hexagonal
101	DA12490840SR	1	Collecteur de pompes (inclut l'article 121)
102	CW179259	1	Moteur 115 VAC
	DC1415259	1	Moteur 230 VAC (50 Hz)
105	DD1449051SR	1	Ensemble piston d'arrêt (14mm)
106	★ B1007503	1	Joint torique
107	DD1450051SR	1	Ensemble piston d'arrêt (6mm)
108	★ B1012803	1	Joint torique
109	B1010028X	4	Vis
110	CW252107	1	Palier
114	CW301228	1	Engrenage moteur
115	★ B1097057	1	Goupille ressort
116	★ CW199107	1	Palier
117	CW251107	1	Palier
118	CW302107	1	Palier
119	CW303104	1	Arbre
121	DA5999900SR	1	Valve de décharge (reportez-vous à la Figure 4)
122	★ C846037	1	Joint
123	★ DA5771290	1	Siège
125	DC1316900SR	1	Assemblage de guidage à billes
126	★ DA3282110	1	Ressort de compression

★ Indique les articles inclus dans le kit de réparation PME10427K

Élément	Référence	Qté	Description
127	DA5772013	1	Guide de ressort
128	DA5773048	1	Vis de réglage
129	★ S1167	1	Rondelle
130	DA5774021	1	Écrou
140	R515245-2	1	Bouchon
142	B202291	1	Coude
143	DA7000268	1	Tube
144	★ CW467044	1	Bague de retenue
145	★ DA445107	2	Palier
146	★ B1007016	1	Bille
147	★ DA1564110	1	Ressort
149	DA5859028	4	Vis
150	DA1015950SR	1	Assemblage de valve de décharge
151	DA5849092	1	Raccord coudé
152	Y714291	1	Coude
153	★ C642395	1	Raccord
154	★ CU876028	3	Vis (10-24)
155	DA3585186	3	Entretoise
156	See item 2	1	Joint
157	★ DA9628900SR	1	Assemblage de la soupape d'allègement
158	DC834900SR	1	Assemblage du ressort de guidage
161	DA5879026	1	Autocollant d'avertissement
163	F100097-52	2	Coude mâle, 90°
164	DC1939268	1	Tubulure en nylon
165	F100097-33	1	Connecteur, mâle
166	CJ657032	1	Réducteur
168	DA9432471	1	Échangeur thermique 115V
	DA9572471	1	Échangeur thermique 230V
169	Y99017	1	Lanière
170	DA9511268	1	Tube
171	DA9512268	1	Tube
173	F100094102	1	Coude à 45°
174	F100094-5	1	Connector, Male
175	F100094-210	3	Coude
178	CBE1080120-2A	4	Écrou
180	CU876028	2	Vis
181	DA7567028	1	Vis
185	DA7570217	1	Sangle
186	DA9590026	1	Decal, Spartan
187	B1080066	1	Rondelle de blocage
190	DA12352290	1	Siège de bille
188	CA945096	2	Connecteur
196	★ C332291	1	Raccord
200	★ DC1947167	1	Joint
Balais de remplacement pour moteurs électriques			
- - -	DA9655380	1	Ensemble de balais pour modèles 115V
- - -	DA9656380	1	Ensemble de balais pour modèles 230V

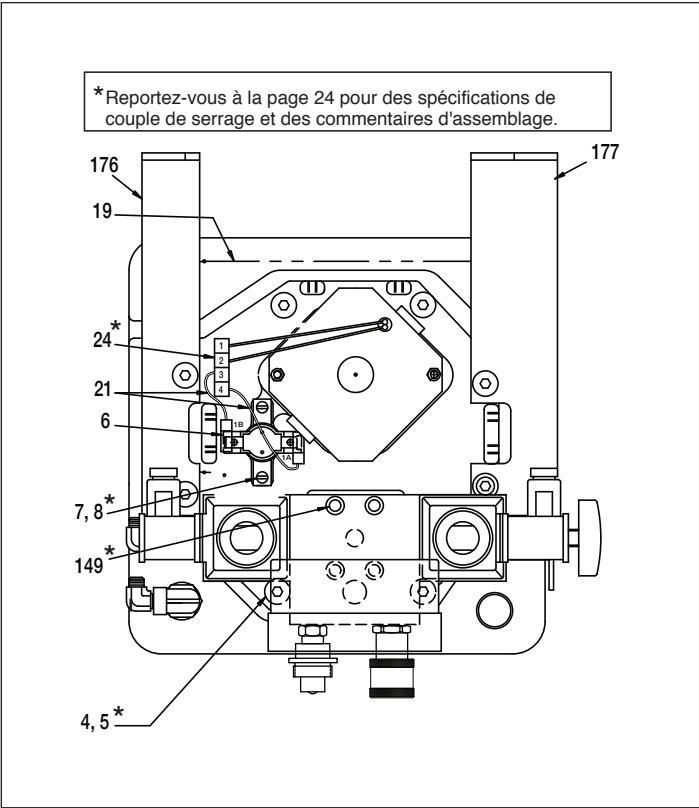


Figure 7, Vue de dessus de la pompe

Liste des pièces de rechange pour la Figure 7			
Élément	Référence	Qté	Description
4	DA6954167	8	Joint
5	DC2038028	8	Vis
6	DA5135380	1	Thermostat, 115V
	DC8368372	1	Thermostat, 230V
7	C701222	2	Rondelle
8	M642028	2	Vis
19	CW259298	1	Chicane
21	DC7969960	2	Câbles
24	DA11540380	1	Logement de goupille
149	DA5859028	4	Vis
176	DA9439111	1	Support droit
177	DA9438111	4	Support gauche

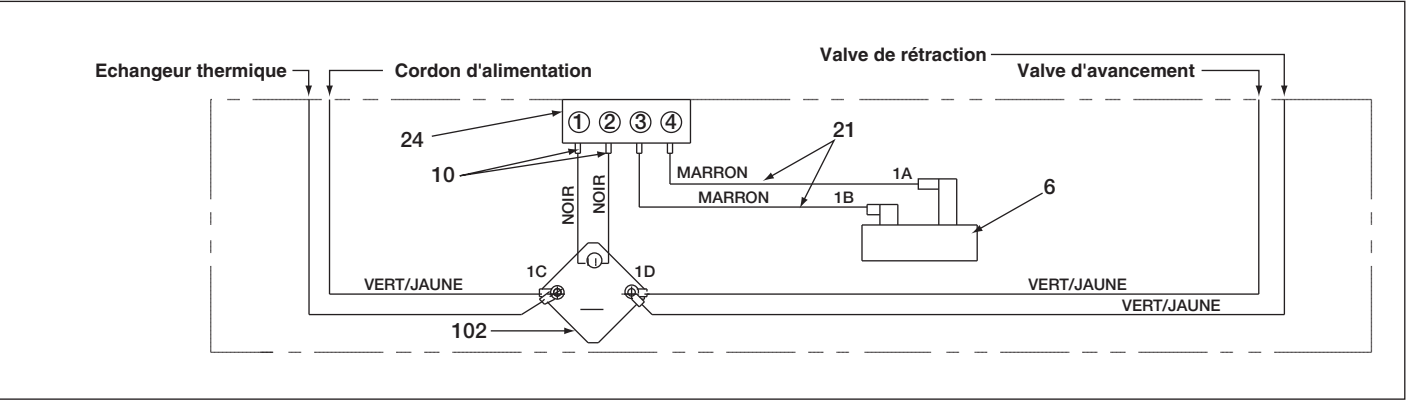


Figure 8, Schéma de câblage

Liste des pièces de rechange pour la Figure 8							
Élément	Référence	Qté	Description	Élément	Référence	Qté	Description
6	DA5135380	1	Thermostat, 115V	24	DA11540380	1	Logement de goupille
	DC8368372	1	Thermostat, 230V	102	CW179259	1	Moteur 115 VAC
10	DA3776006	2	Broche		DC1415259	1	Moteur 230 VAC (50 Hz)
21	DC7969960	2	Câbles				

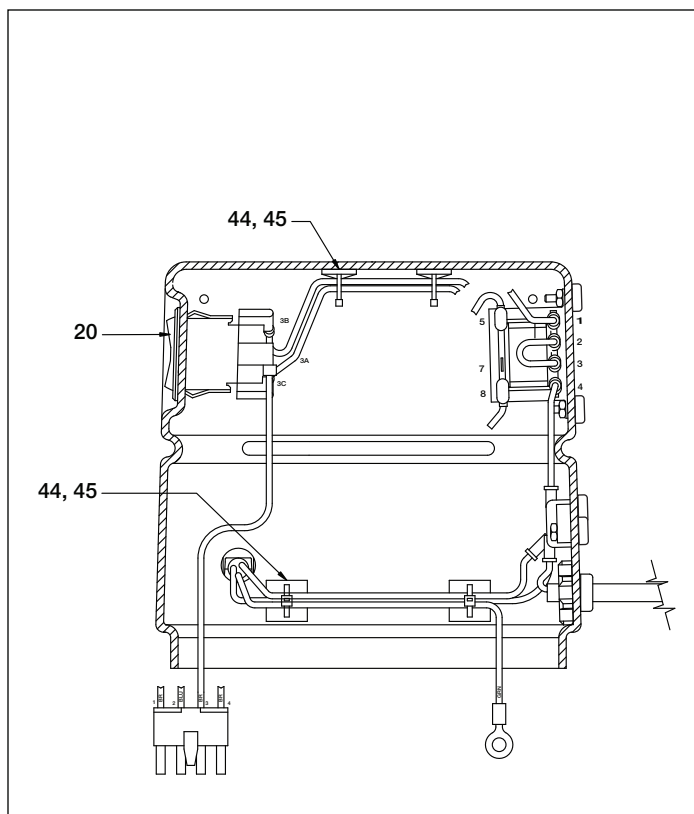


Figure 9, Câblage de la tôle de protection - derrière le moteur

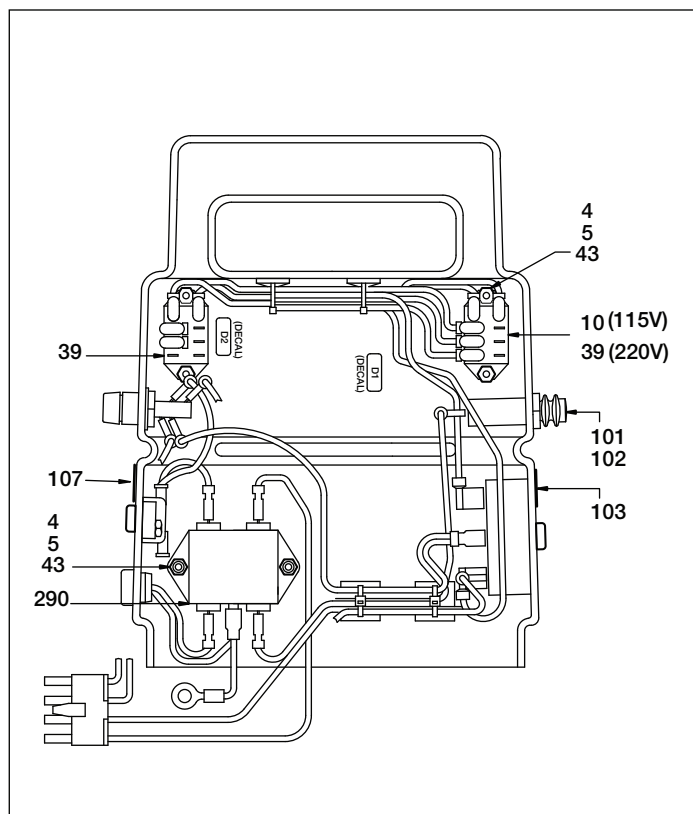


Figure 10, Câblage de la tôle de protection - devant le moteur

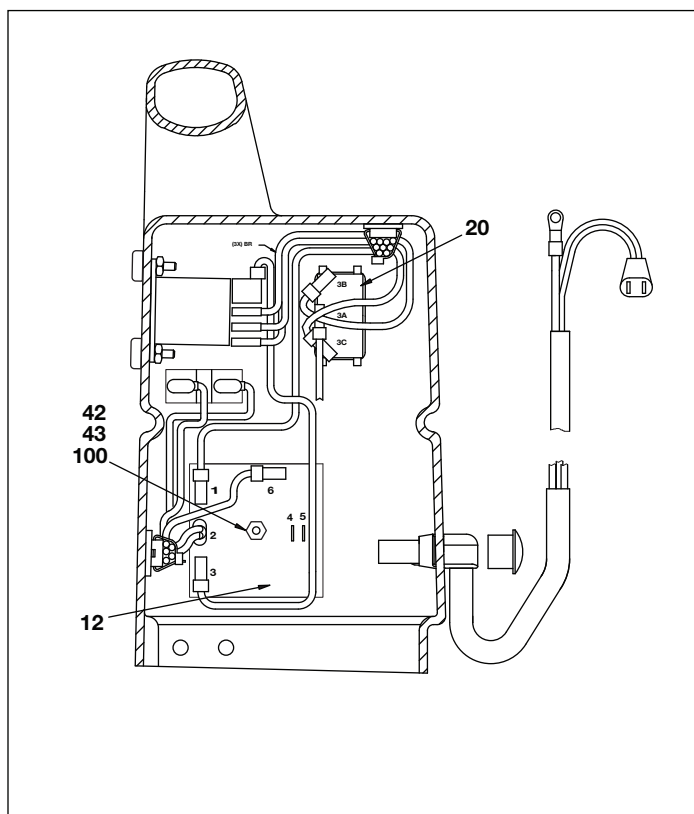


Figure 11, Câblage de la tôle de protection - côté gauche du moteur

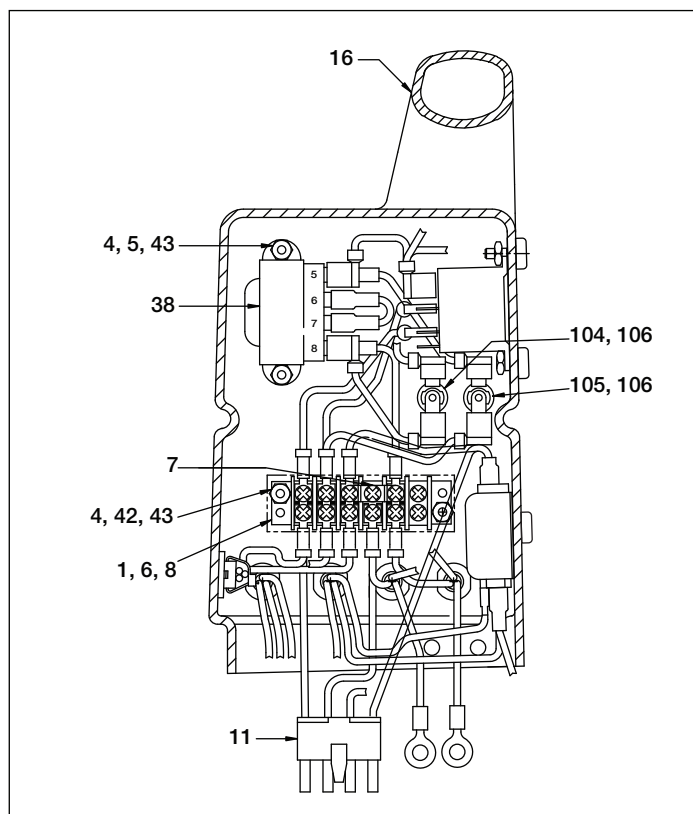


Figure 12, Câblage de la tôle de protection - côté droit du moteur

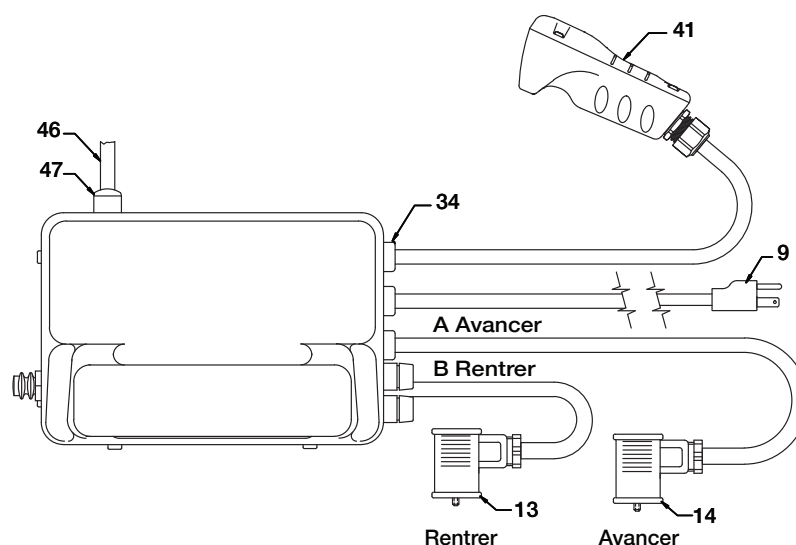


Figure 13, Vue de dessus - cordons et câbles

Liste des pièces de rechange pour la Figure 9-13

Élément	Référence	Qté	Description	Élément	Référence	Qté	Description
1	DA5884199	1	Barrette de raccordement	41	DD1049900SR	1	Pupitre mobile (Fig. 14)
4	BC1310728	8	Vis (115 V)	42	B1013121	3	Écrou hexagonal
	BC1310728	10	Vis (230V)	43	DA5974098	9	Protection pour vis (115V)
5	F75021	6	Ecrou de blocage, #6-32 (115V)		DA5974098	11	Protection pour vis (230V)
	F75021	8	Ecrou de blocage, #6-32 (230V)	44	EHC3901075	6	Lanière pour câbles, autocollant
6	DA5801199	1	Barrette de raccordement avec marqueur	45	DA3131217	7	Lanière pour câbles
7	DA5803199	2	Cavalier terminal	46	DC7890960	1	Cordon de l'échangeur de chaleur
8	DA5802199	1	Couvercle de bornier	47	DA9521380	1	Protection, angle droit
9	DC7967960SR	1	Cordon d'alimentation 115 VAC	100	DC7968028	4	Vis
	DD5840960SR	1	Cordon d'alimentation 230 VAC	101	DC8366380	1	Disjoncteur (115V)
10	DC8280980	1	Relais d2 (115V only)		DC8367380	1	Disjoncteur (230V)
11	DA11539380	1	Connecteur à douille	102	DC8200380	1	Capuchon de Disjoncteur
12	DC8281784	1	Relais de temporisation	103	DC8237023	1	Etiquette de Disjoncteur
13	DC8402960SR	1	Câble de solénoïde, rentrer	104	DC8371378	1	Fusible secondaire, 300 mA (115V)
14	DC8403960SR	1	Câble de solénoïde, avancer	105	DC8370378	1	Fusible primaire, 62mA (115V)
16	★DC10043098	1	Tôle de protection, 115V		DC8400378	1	Fusible primaire, 40mA (230V)
	★DC10042098	1	Tôle de protection, 230V	106	DC8372378	2	Souche
20	E1500002	1	Interrupteur	107	DC7891026	1	Etiquette de fusible
34	CR759291	4	Protection de cordon	290	DC8365380	1	Filtre (230V seulement)
38	DA5875380	1	Transformateur				
39	DD2668380	1	Relais d1 (115V)				
	DC8280980	2	Relais d1 et d2 (230V)				

★ Note: Pour le remplacement de l'ensemble complet de la tôle de protection (inclue les composants 1 à 290 ci-dessus), commander le Kit de réparation DC7940900SR (115V) ou DC7941900SR (230V).

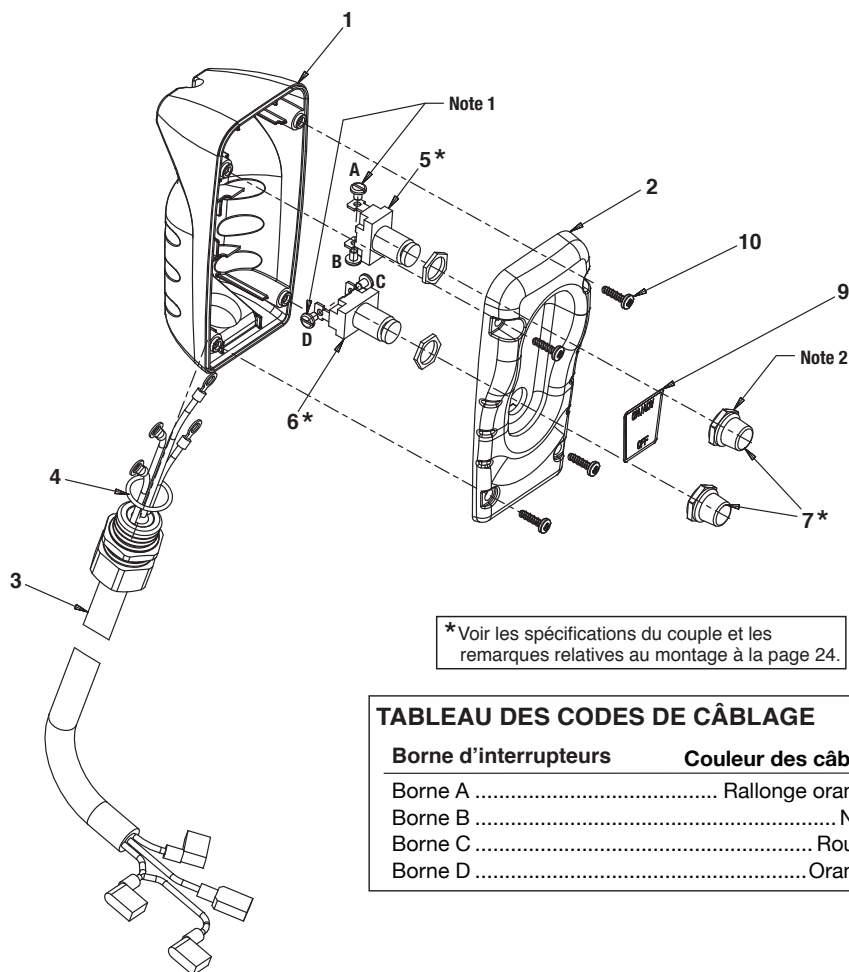


Figure 14, Pupitre mobile

Liste des pièces de rechange pour la Figure 14			
Élément	Référence	Qté.	Description
1	DC9425424	1	Assemblage bas de la télécom
2	DC8122424	1	Assemblage haut de la télécom
3	DD1054960	1	Assemblage du câble
4	B1223503	1	Joint torique
5	DC8282379	1	Bouton-poussoir, à ouvert normale, Noir
6	DC8283379	1	Bouton-poussoir, à ouvert normale, Noir
7	DC8284379	1	Bouton-poussoir de démarrage, Noir
9	C8127026	1	Étiquette télécommande (ON/AV - OFF)
10	DC9428008	4	Vis, Hi-Lo #8 x 1/2"
Tous les modèles : pour remplacer l'ensemble de la télécommande, commander le kit de réparation DD1049900SR.			

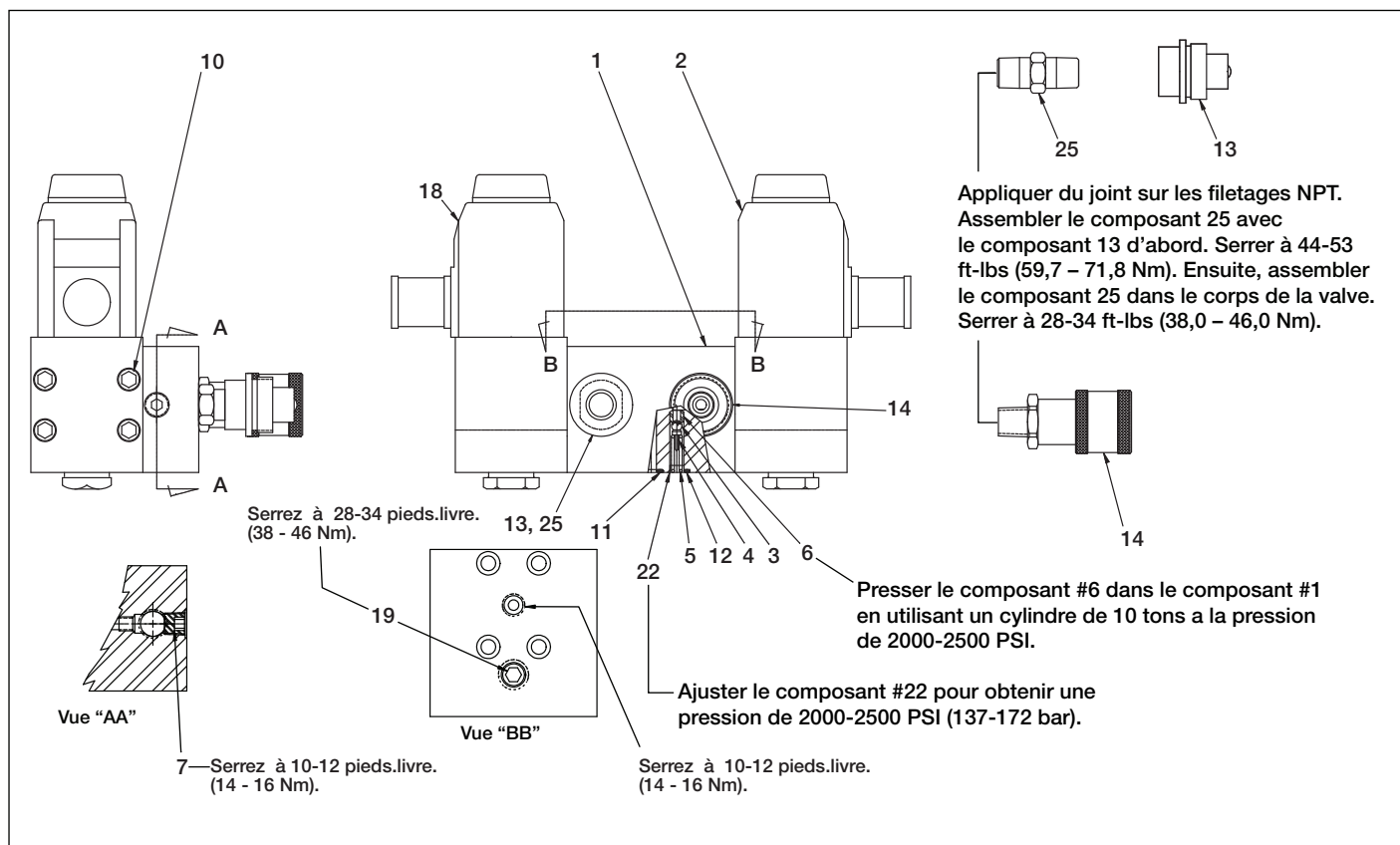


Figure 15, Soupape à champignon

Liste des pièces de rechange pour la Figure 15							
Élément	Part Number	Qté	Description	Élément	Part Number	Qté	Description
1	▲★ DC4920190	1	Corps	11	▲★ B1011803	1	Joint torique
2	VSG2310P	1	Soupape à champignon 115V (Fig. 16)	12	▲★ B1231503	2	Joint torique
	VSG3510P	1	Soupape à champignon 230V (Fig. 16)	13	DC6188020	1	Raccord mâle
3	▲★ B1005016	1	Bille 3/16"	14	U962148134-2	1	Raccord femelle
4	▲★ F522570	1	Capuchon de bille	18	DC847900SR	1	Soupape à champignon 115V (Fig. 17)
5	▲★ A8238110	1	Ressort de compression		DC848900SR	1	Soupape à champignon 230V (Fig. 17)
6	▲★ A8015290	1	Siège	19	▲ A1008245	1	Bouchon de tuyau - 3/4
7	▲★ A1007245	2	Bouchon de tuyau - 1/8	22	▲★ DC5840048	1	Vis creuse de blocage
10	▲ B1022028	8	Vis	25	▲ CJ647096	1	Adapteur

★ Indique les articles inclus dans le kit de réparation DA5476900K.
(Le kit de réparation DA5476900K est inclus dans le kit de réparation de la pompe PME10427K.)

▲ Indique les articles inclus dans le kit de réparation DA5850190SR.

Note: Le Corps DC4920190 dans le kit de réparation a maintenant des ports 1/4 NPTF.
Assurez-vous d'avoir des raccords avec filetage 1/4 NPTF ou commandez les raccords DC6432034 and DC6431034.

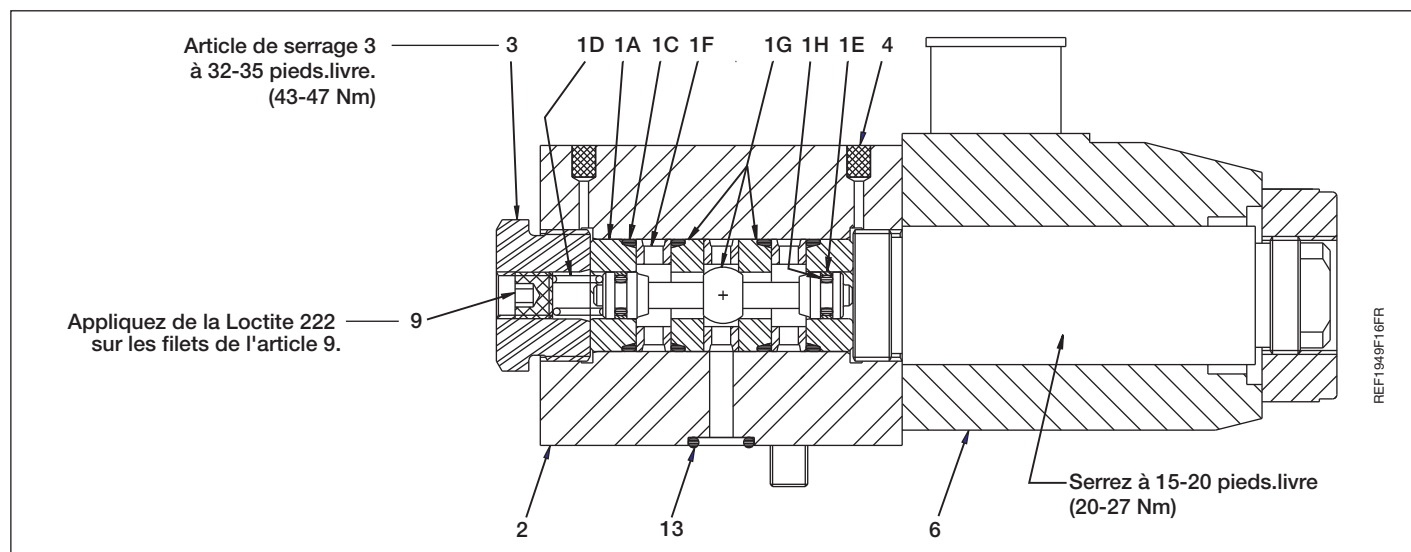


Figure 16, Ensemble soupape à champignon

Liste des pièces de rechange pour la Figure 16							
Élément	Part Number	Qté	Description	Élément	Part Number	Qté	Description
1	DA5792949SR	1	Empilement de soupapes (incl. comp. 1A-1H)	2	DA4393190	1	Corps de valve
1A	DA3697039	2	Protection	3	DA5421009	1	Bouchon de valve
1C	B1016803	4	Joint torique	4	DA4390118	2	Filtre
1D	DA5422110	1	Ressort de compression	6	DA4405900	1	Solénoïde (115V)
1E	CH279044	2	Glyd. Ressort		DA5714900	1	Solénoïde (230V)
1F	DA3698290	3	Entretoise de siège	9	PA1417027	1	Vis de serrage
1G	DC862949	1	Jeux de clapets	13	B1011803	3	Joint torique
1H	B1002503	2	Joint torique				

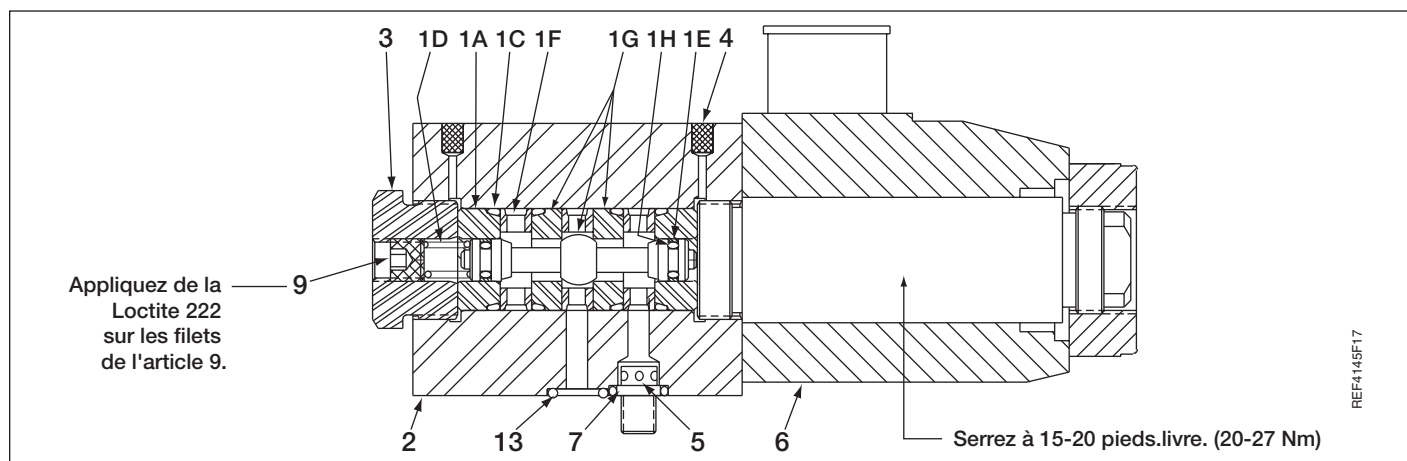


Figure 17, Ensemble soupape à champignon

Liste des pièces de rechange pour la Figure 17

Élément	Part Number	Qté	Description	Élément	Part Number	Qté	Description
1	★ DA5792949SR	1	Empilement de soupapes (incl. comp. 1A-1H)	3	DA5421009	1	Bouchon de valve
1A	★ DA3697039	2	Protection	4	★† DA4390118	2	Filtre
1C	★† B1016803	4	Joint torique	5	DC844661SR	1	Clapet anti-retour
1D	★† DA5422110	1	Ressort de compression	6	DA4405900	1	Solénoïde (115V)
1E	★† CM279044	2	Glyd. Ressort		DA5714900	1	Solénoïde (230V)
1F	★ DA3698290	3	Entretoise de siège	7	★† B1006503	1	Joint torique
1G	★ DC862949	1	Jeux de clapets	9	PA1417027	1	Vis de serrage
1H	★† B1002503	2	Joint torique	13	★† B1011803	3	Joint torique
2	DC846190	1	Corps de valve				

★ Indique les articles inclus dans le kit de réparation DA5476900K.

Le kit de réparation DA5476900K inclue (2) kit de réparation DA5792949K.

Le kit de réparation DA5476900K est inclus dans le kit de réparation de la pompe PME10427K.

† Indique les articles inclus dans le kit de réparation DA5792949SR.

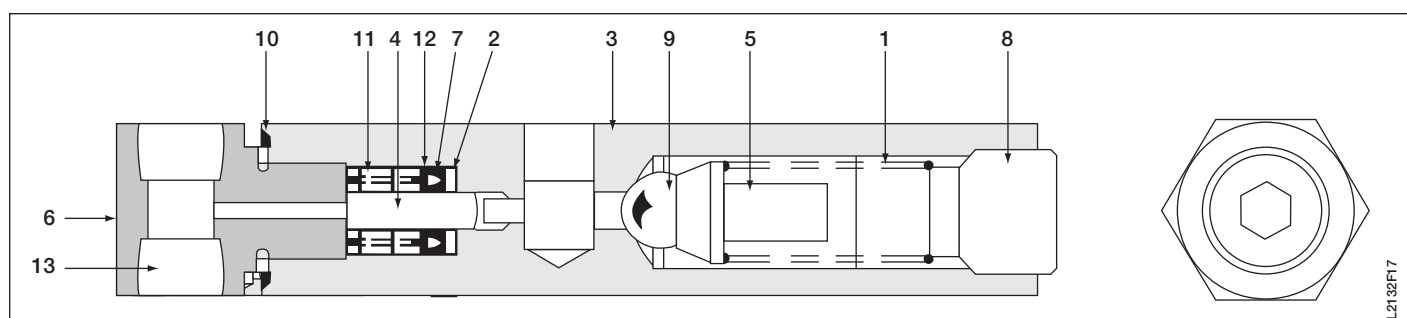


Figure 18, Soupape d'allégement

Liste des pièces de rechange pour la Figure 18

Élément	Part Number	Qté	Description	Élément	Part Number	Qté	Description
1	★ DA3282110	1	Ressort de compression	8	C641087	1	Vis
2	★ SJ100016	1	Rondelle de secours	9	★ B1009016	1	Bille
3	DA9628900SR	1	Valve (Complète)	10	★ S15167	1	Joint
4	C622339	1	Piston	11	★ S4375	1	Ressort
5	DA3284160	1	Cage de retenue des billes	12	★ B1024562	1	Bague de secours en cuir
6	DA3285038	1	Adaptateur	13	A1007245	1	Bouchon de tuyau
7	★ C639053	1	Coupelle en U				

★ Indique les articles inclus dans le kit de réparation DA3281900K.

(Le kit de réparation DA3281900K est inclus dans le kit de réparation de la pompe PME10427K).

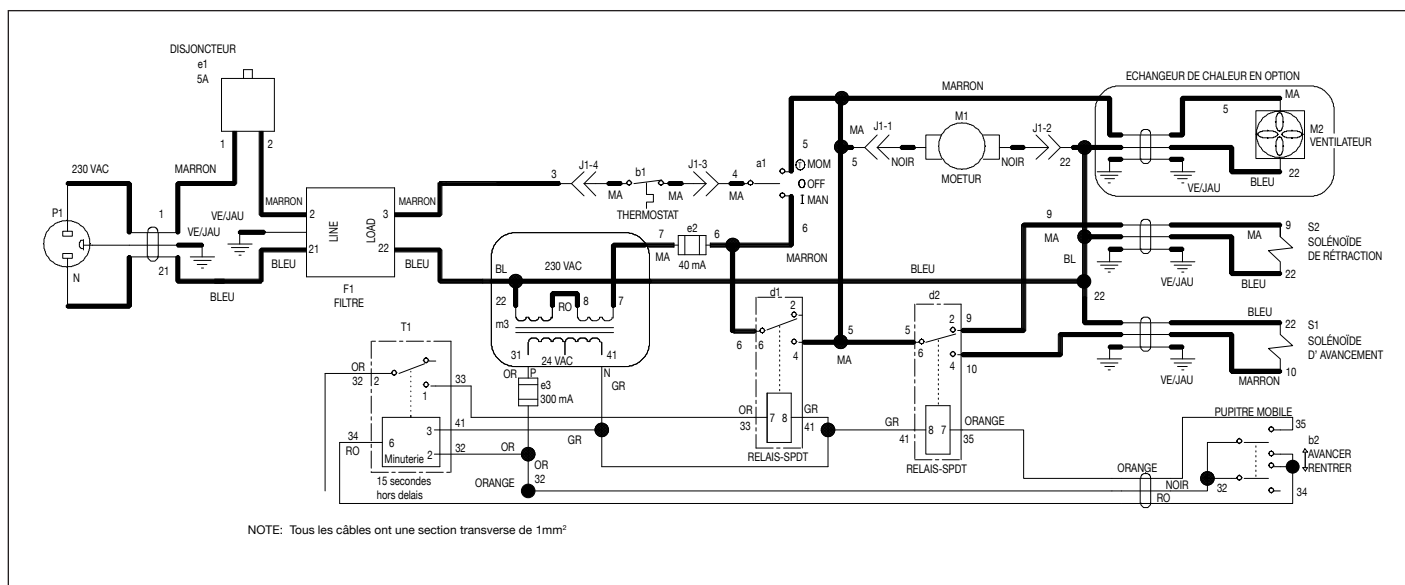


Figure 19, Schéma électrique, Modèle PMU10422Q

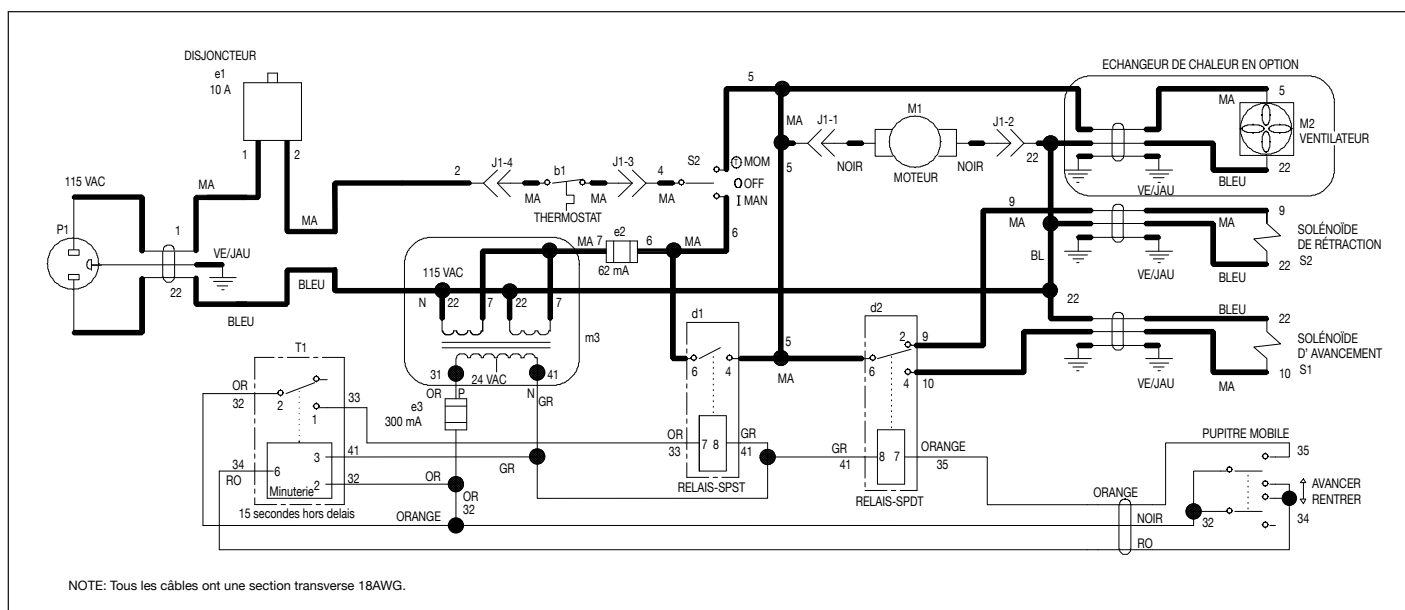


Figure 20, Schéma électrique, Modèle PMU10427Q

Figure	Élément	Spécifications de serrage et remarques d'assemblage
1	18	Appliquer une goutte de Loctite #242 sur les filets. Serrage de 12 à 18 po-livre (1,4 à 2,0 Nm)
1	42	Serrage de 24 à 30 po-livre (32 à 40 Nm).
1	82	Serrage de 18 à 25 po-livre (2,0 à 2,8 Nm). Maintenir le composant 87 contre le calibre pendant l'assemblage de l'article 82.
1	Remarque 1	Installez le palier, article 117, encastré de 0.010" (2,54 mm) par rapport à la surface.
2	10	Couper les câbles à 9-10 po (228-254 mm) avant d'attacher les broches (article 10). Insérer ensuite dans l'article 24.
2	15	Serrage de 20 à 25 po-livre (2,2 à 2,8 Nm).
3	77	Serrage de 15 à 20 po-livre (20 à 27 Nm).
3	123	Serrage de 15 à 16 po-livre (20,0 à 21,7 Nm) lubrifié.
4	15	Serrage de 31 à 33 po-livre (3,5 à 3,7 Nm).
4	109	Serrage de 14 à 16 pied-livre (19,0 à 21,7 Nm).
4	121	Serrage de 16 à 19 pied-livre (21,7 à 25,8 Nm).
4	146	Le siège doit être estampé.
4	150	Le réglage de la valve doit se situer entre 10 et 30 psi (0,7 à 2,0 bar).
4	157	Le réglage de la valve de décharge doit se situer entre 625 et 825 psi (43,2 à 56,8 bar).
4	190	Assembler en appliquant de la Loctite 609.
4	Remarque 2	Vérifiez les filets avoir établi la pression.
6	86	Serrage de 44 à 53 po-livre (60 à 71 Nm). La connection ne doit pas fuir à la pression de travail.
6	175, 188	Assembler les connecteurs du refroidisseur d'huile et serrer à 10-12 pied-livre. Utiliser du joint en Teflon sur les filetages des tuyaux. Utiliser de la Loctite 242 pour les écrous de tuyaux et serrer à 18-22 pied-livre.
7	149	Serrage de 8 à 10 po-livre (10,8 to 13,5 Nm).
7	5	Serrage de 59 à 52 pied-livre (66 à 70 Nm).
7	8	Serrage de 8 à 12 po-livre (0,9 à 1,35 Nm).
7	24	Brancher au connecteur de la tôle de protection.
14	Note 1	Torque switch screw terminals A, B, C and D to 5.0-5.5 in-lbs (0,56-0,62 Nm) after making connections.
14	Note 2	Torque to 14-16 in-lbs (1,6-1,8 Nm).

