

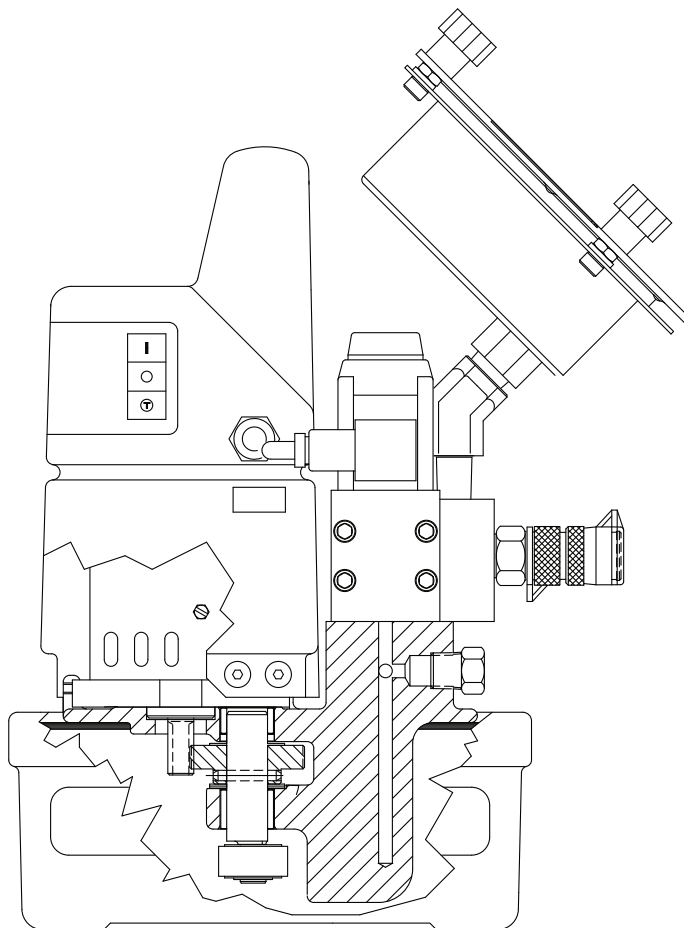
PME10422 and PME10427
Portable Electric Torque Wrench Pumps

L2132 Rev. K 12/16

PME10422: For Date Codes Beginning with the Letter "G"
PME10427: For Date Codes Beginning with the Letter "H"

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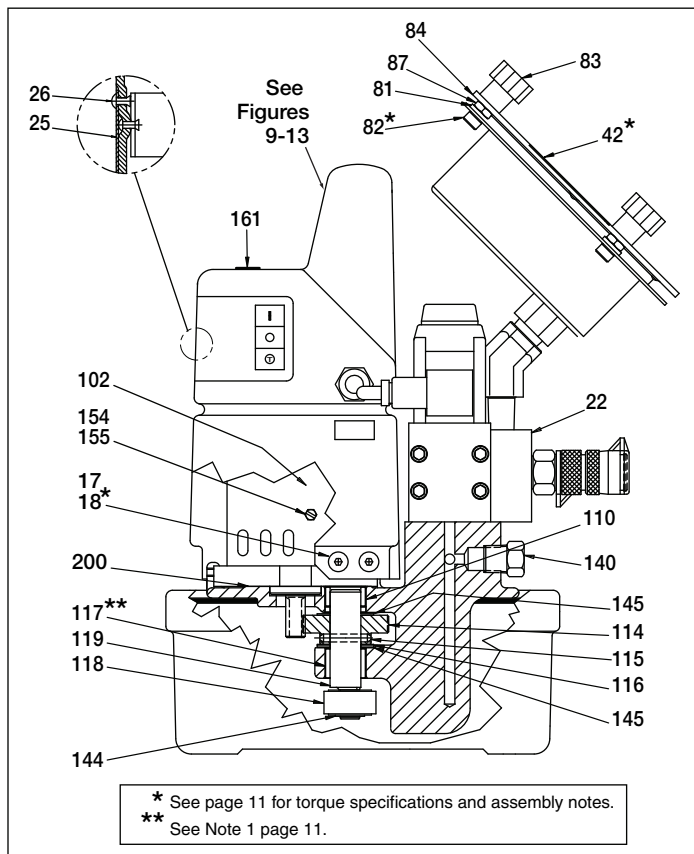


Figure 1, Pump Side View

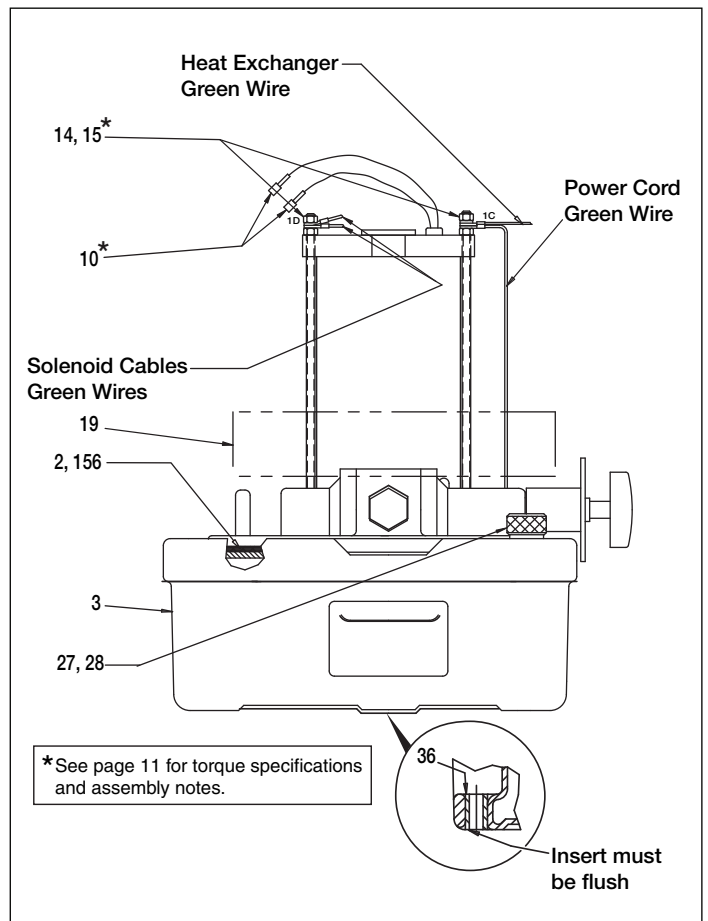


Figure 2, Pump Front View (shroud removed)

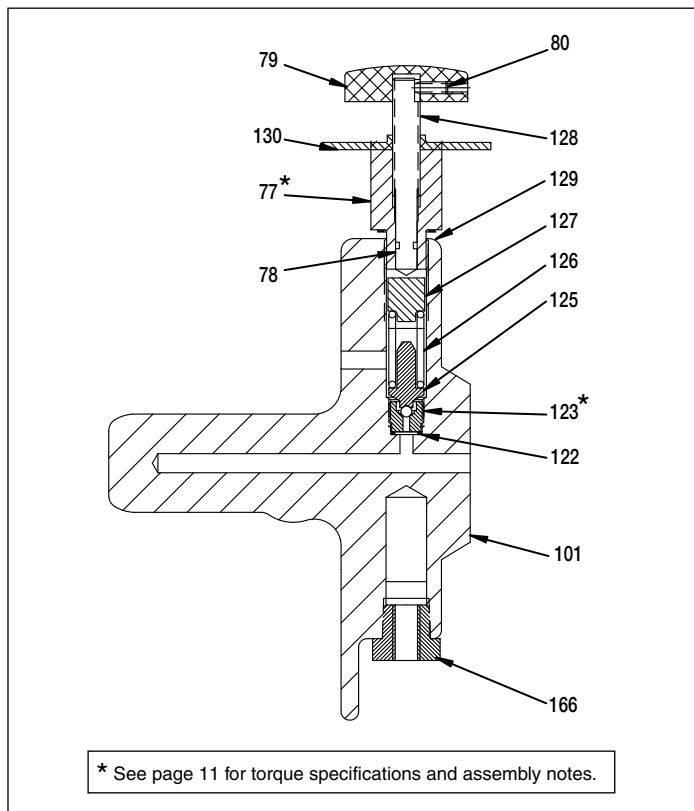


Figure 3, Relief Valve

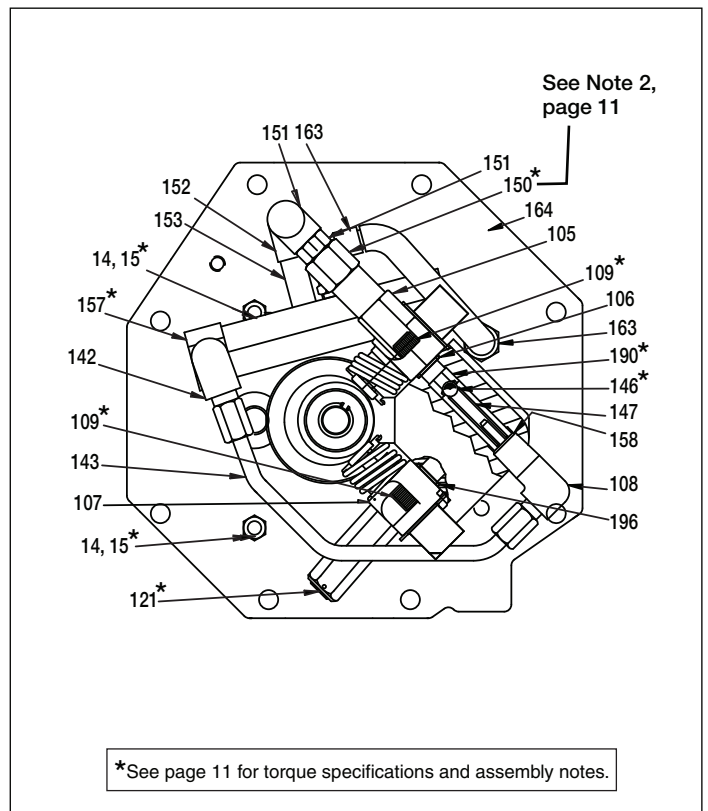


Figure 4, Pump Bottom View

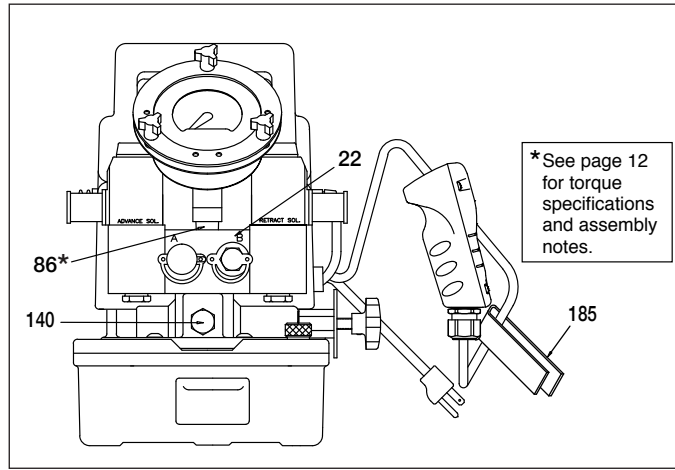


Figure 5, Pump Front View (assembled)

Repair Parts List for Figures 1 through 5

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	DA5476900SR	1	115V Poppet Valve Ass'y
	DA5477900SR	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	DC2290900	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, 14 mm
106	★ B1007503	1	O-Ring
107	DD1450051SR	1	Piston Block Assembly, 6 mm
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

★ Included in Repair Kit PME10427K

Item	Part Number	Qty.	Description
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
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
181	DA7567028	1	Screw
185	DA7570217	1	Cord Strap
190	DA12352290	1	Ball Seat
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 11 for torque specifications and assembly notes.

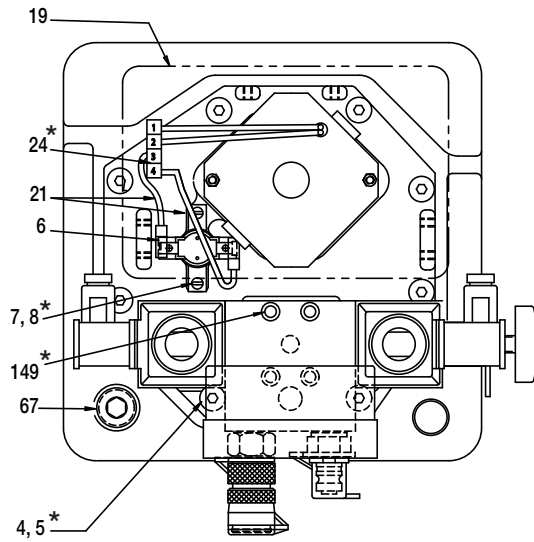


Figure 6, Pump Top View

Repair Parts List for Figure 6

Item	Part Number	Qty.	Description
4	DA6954167	8	Gasket
5	DC2038028	8	Screw
6	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
67	A1009245	2	Plug
149	DA5859028	4	Cap Screw

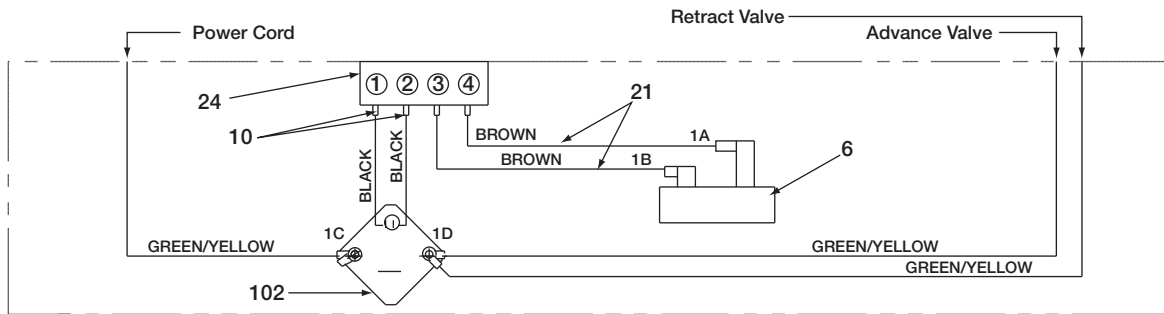


Figure 7, Wiring Diagram

Repair Parts List for Figure 7

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				

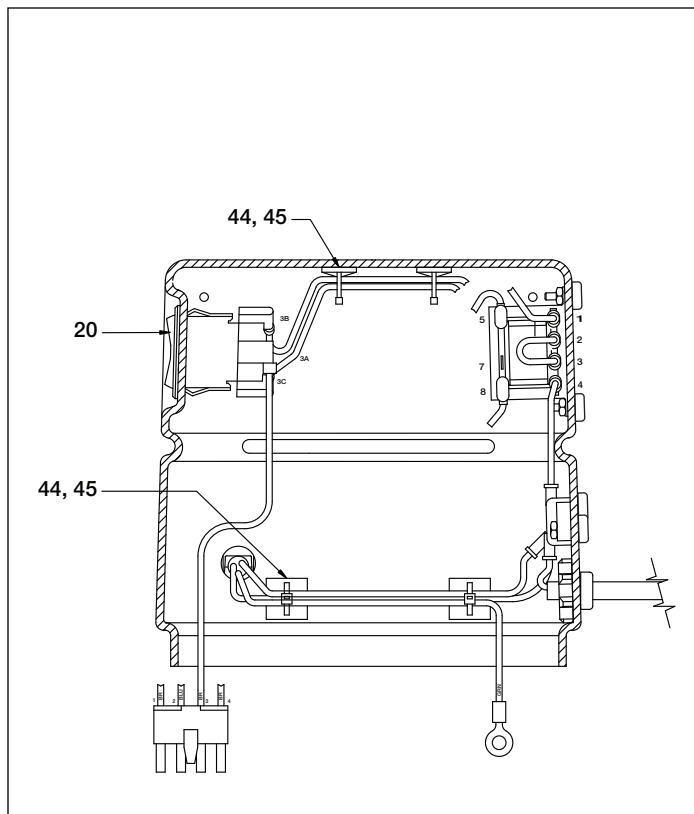


Figure 8, Shroud Wiring - Behind Motor

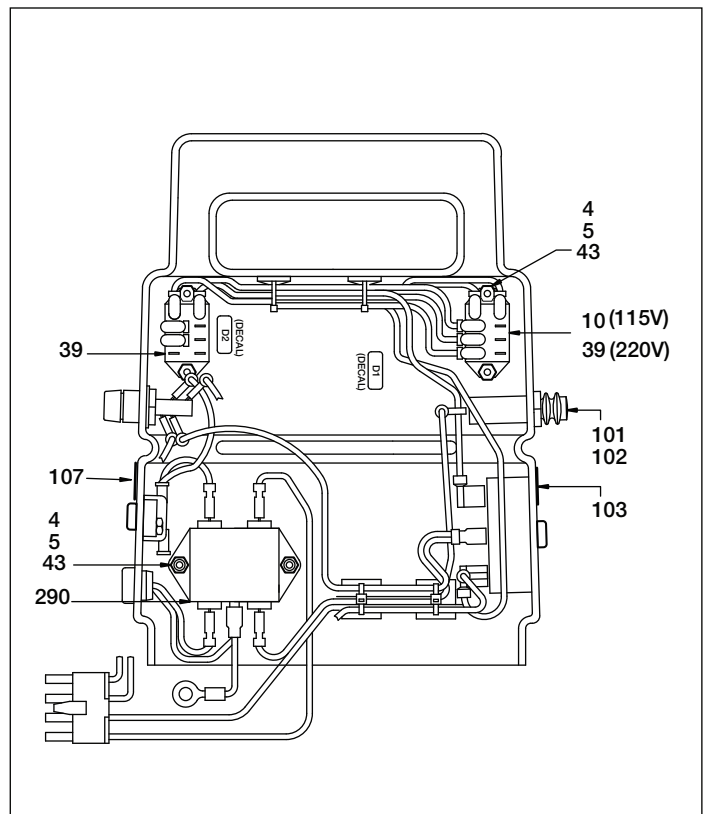


Figure 9, Shroud Wiring - Front of Motor

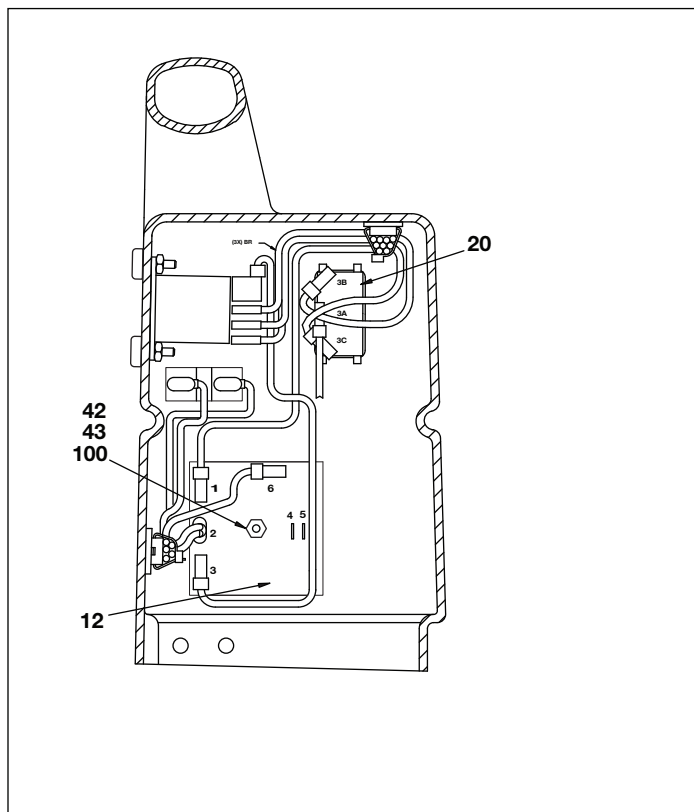


Figure 10, Shroud Wiring - Left of Motor

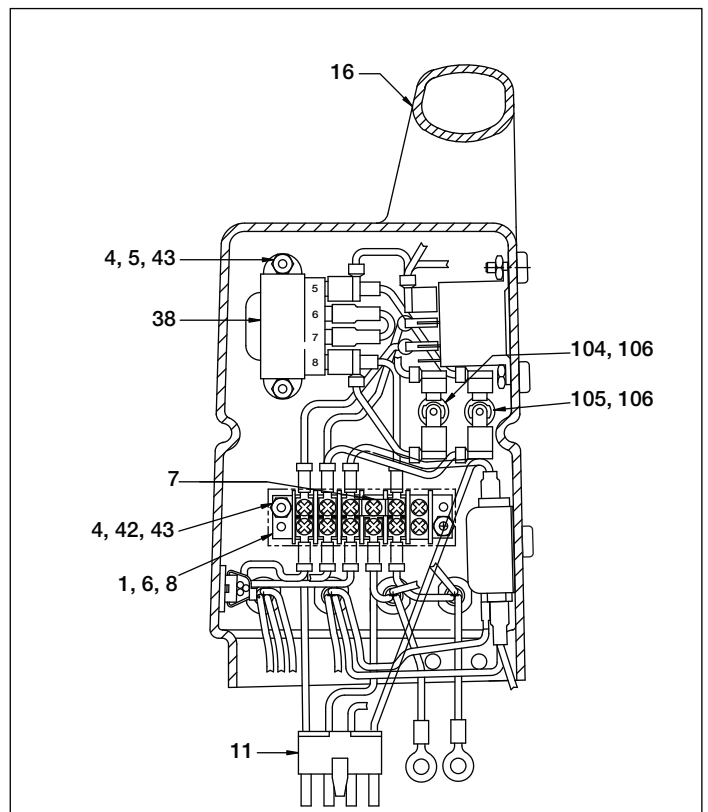


Figure 11, Shroud Wiring - Right of Motor

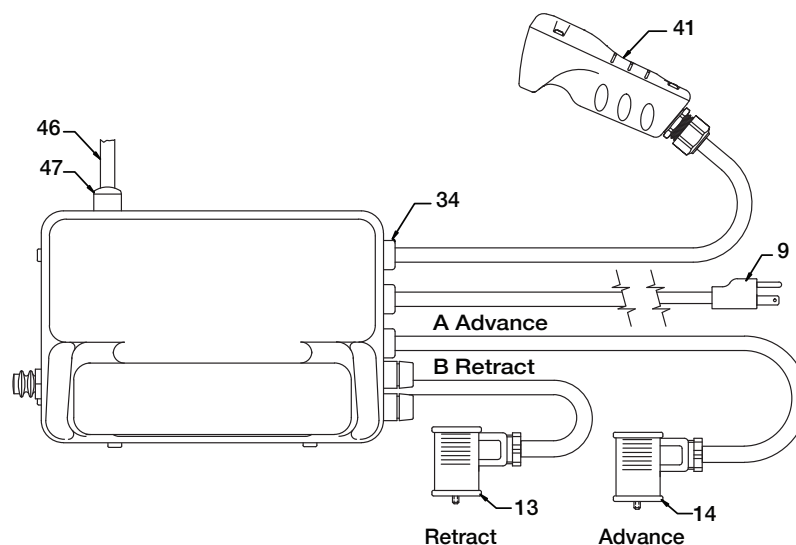


Figure 12, Top View, Cord and Cables

Repair Parts List for Figures 8-12

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	DA5884199	1	Terminal Strip	39	DD2668380	1	Relay d1 (115V)
4	BC1310728	8	Screw (115V)		DC8280980	2	Relay d1 and d2 (230V)
	BC1310728	10	Screw (230V)	41	DD1049900SR	1	Pendant/Cable Assy. (Fig. 13)
5	F75021	6	Lock Nut, #6-32 (115V)	42	B1013121	3	Hex Nut
	F75021	8	Lock Nut, #6-32 (230V)	43	DA5974098	9	Screw Cover (115V)
6	DA5801199	1	Terminal Marker Strip		DA5974098	11	Screw Cover (230V)
7	DA5803199	2	Terminal Jumper	44	EHC3901075	6	Tie Down, Self Adhesive
8	DA5802199	1	Terminal Cover	45	DA3131217	7	Cable Tie
9	DC7967960SR	1	Power Cord, 115VAC	100	DC7968028	4	Screw #6-32 x 1.25
	DC5840960SR	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				

★ Note: For replacement shroud assembly, order Repair Kit DC7935900SR (115V) or DC7936900SR (230V).

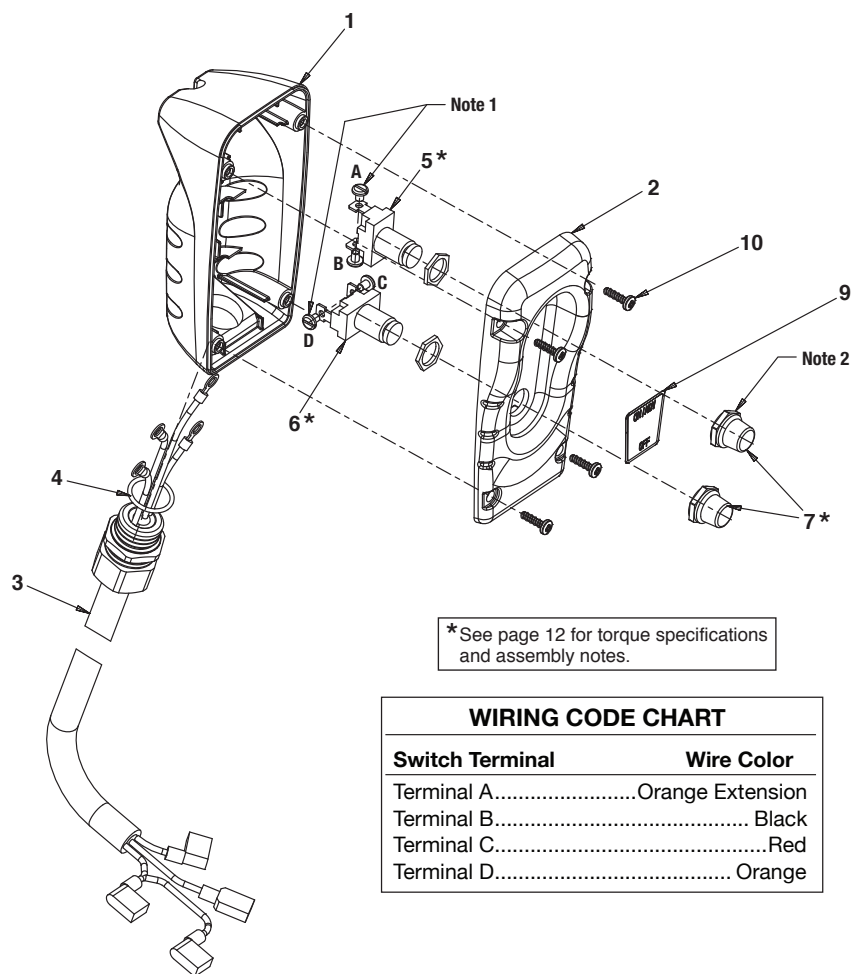
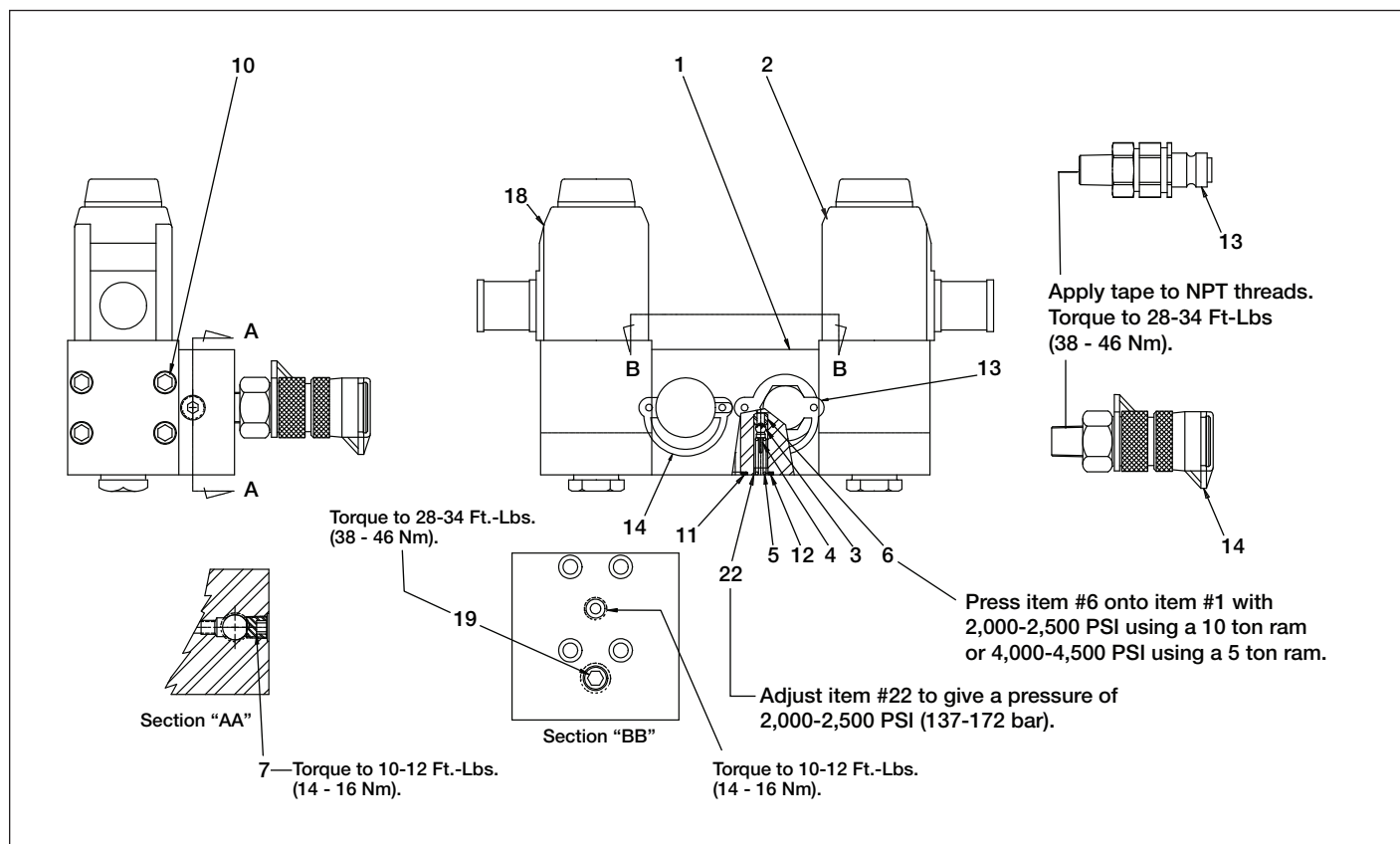


Figure 14, Pendant Assembly

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.							



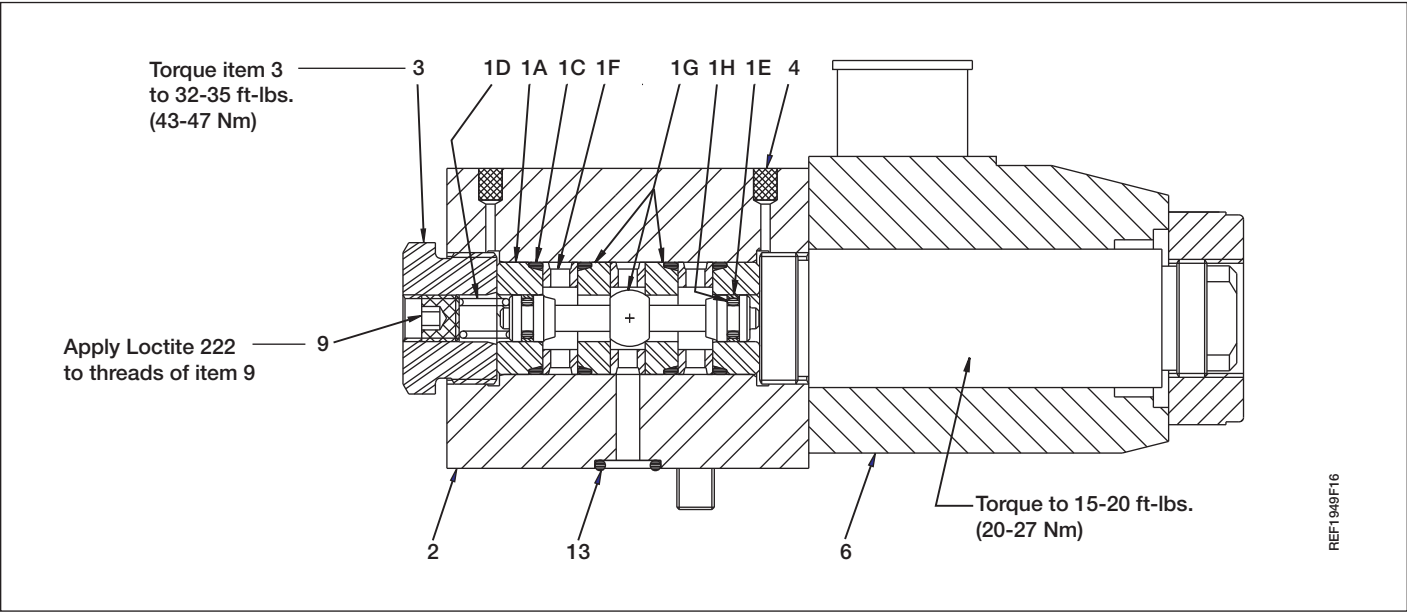


Figure 15, Poppet Valve Assembly

Repair Parts List for Figure 15							
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				
★ Indicates items included in and available only as a part of Repair Kit DA5476900K. † Indicates items included in and available only as a part of Repair Kit DA5792949SR. (Repair Kit DA5476900K is included in Pump Repair Kit PME10472K.)							

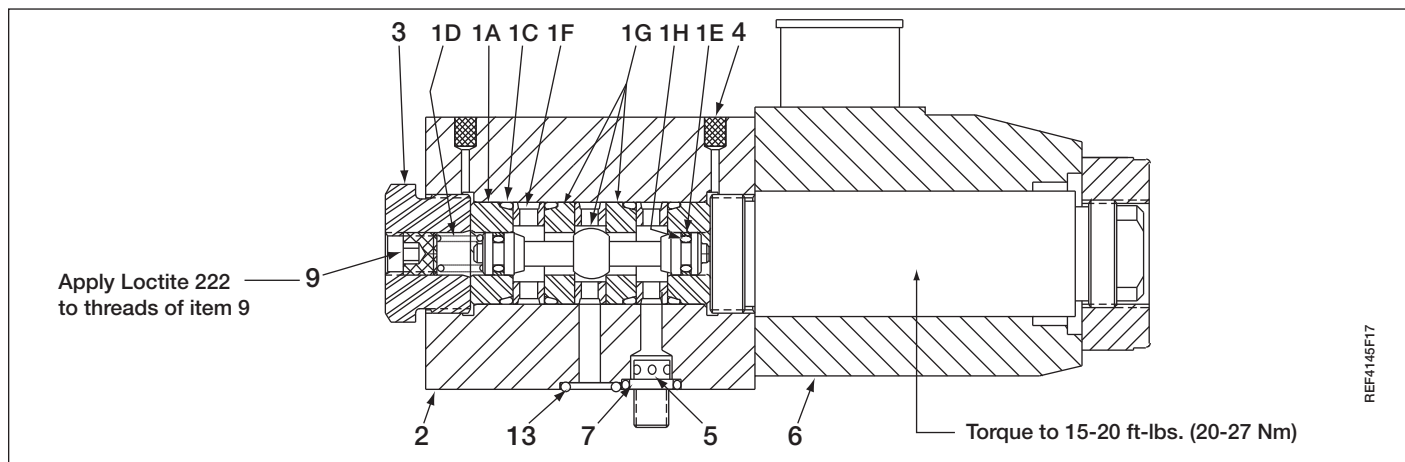


Figure 16, Poppet Valve Assembly

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)	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.

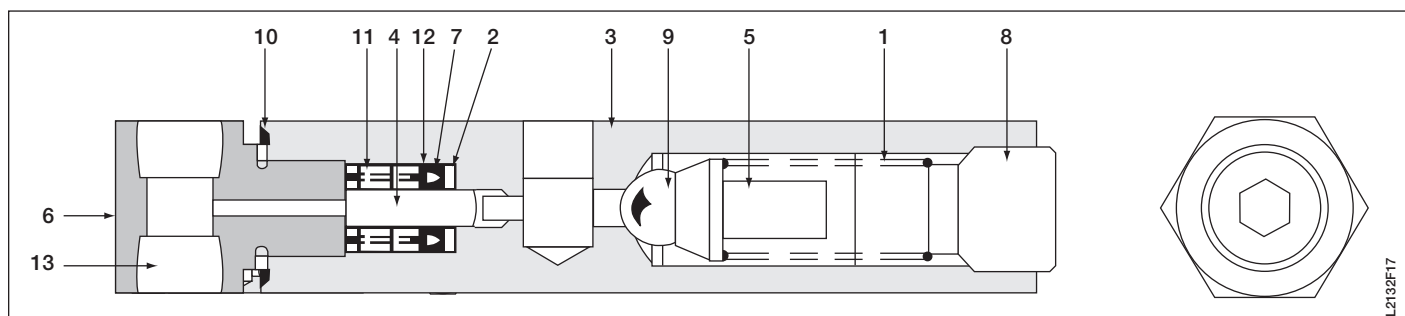


Figure 17, Unloading Valve

Repair Parts List for Figure 17

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).

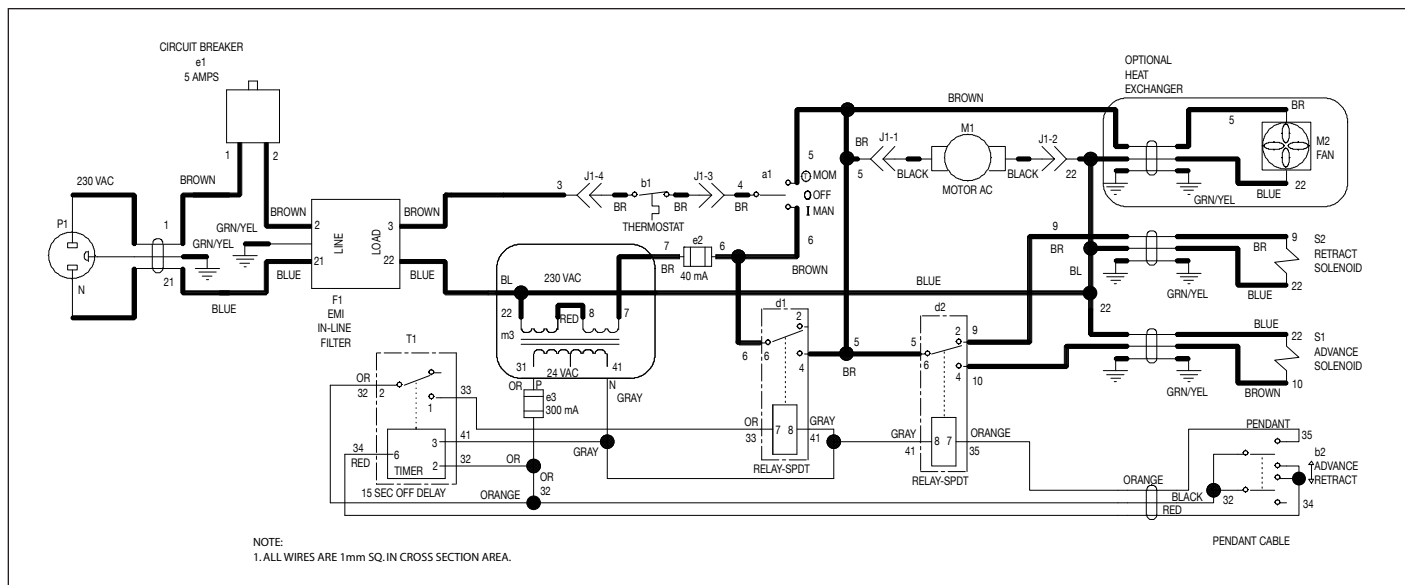


Figure 18, Electrical Schematic, Model PME10422

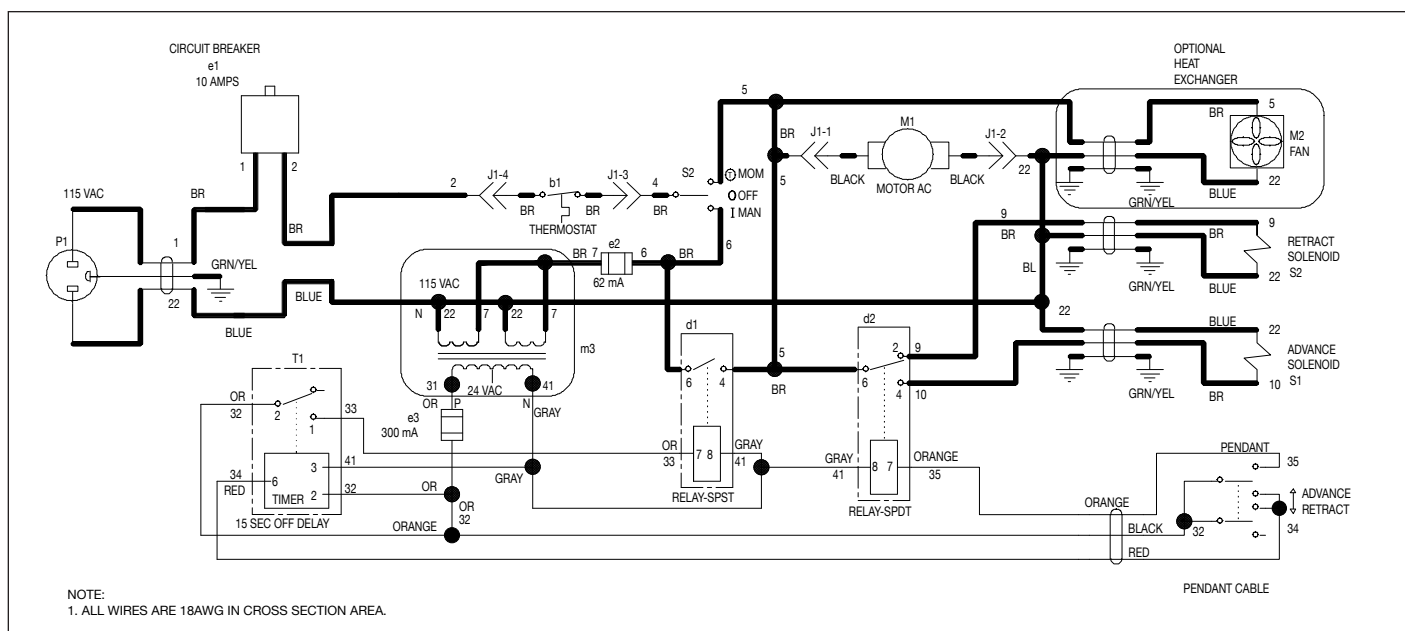
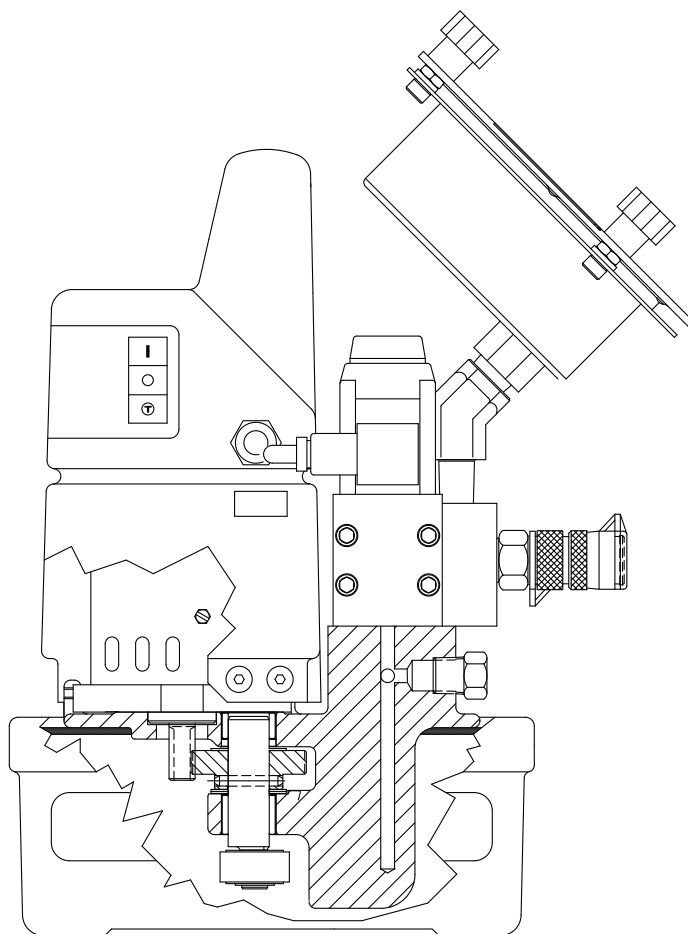


Figure 19, Electrical Schematic, Model PME10427

Figure	Item No.	Torque Specification and/or Assembly Notes
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	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.
5	86	Torque to 44 to 53 ft-lbs (60 to 71 Nm). Connection must be leak free at operating pressure.
6	149	Torque to 8 to 10 ft-lbs (10,8 to 13,5 Nm).
6	5	Torque to 49-52 ft-lbs, dry (66 to 70 Nm).
6	8	Torque to 8-12 in-lbs (0,9-1,35 Nm).
6	24	Attach to receptacle on shroud.
13	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.
13	Note 2	Torque to 14-16 in-lbs (1,6-1,8 Nm).



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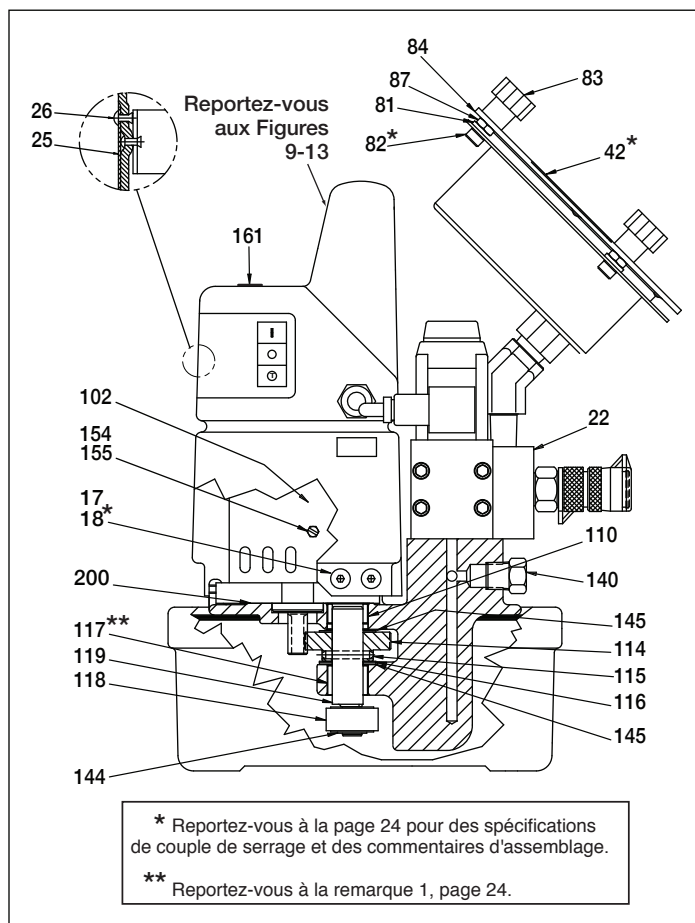


Figure 1, Vue latérale de la pompe

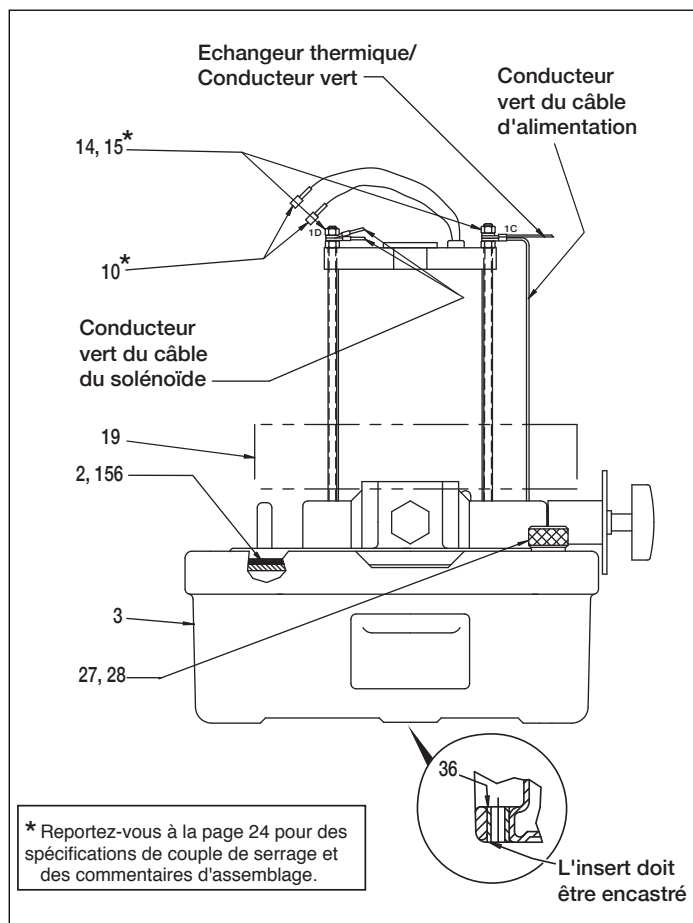


Figure 2, Vue avant de la pompe (Sans la tôle de protection)

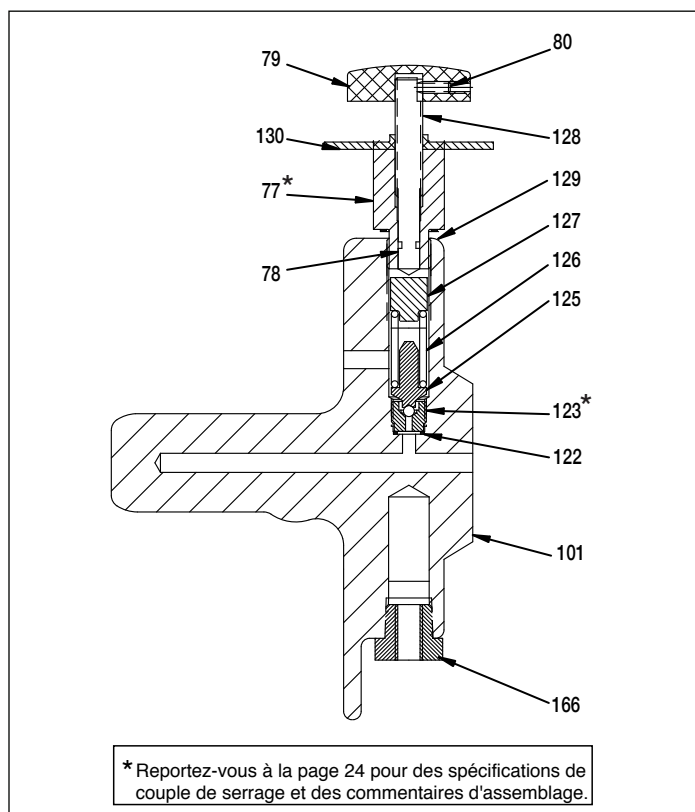


Figure 3, Valve de décharge

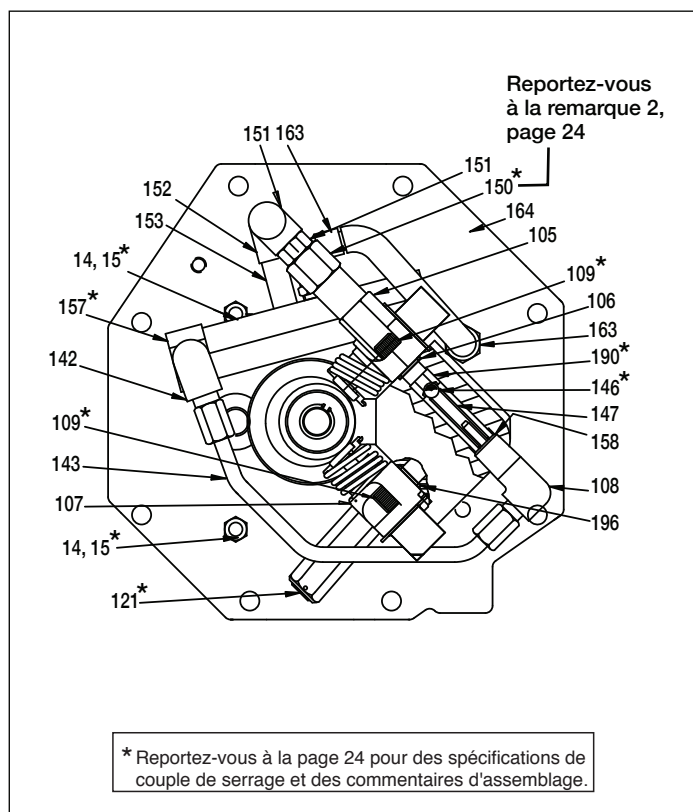


Figure 4, Vue de dessous de la pompe

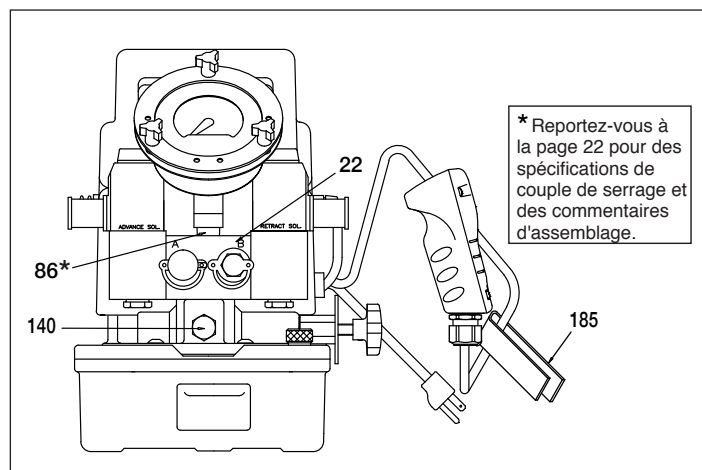


Figure 5, Vue avant de la pompe (assemblée)

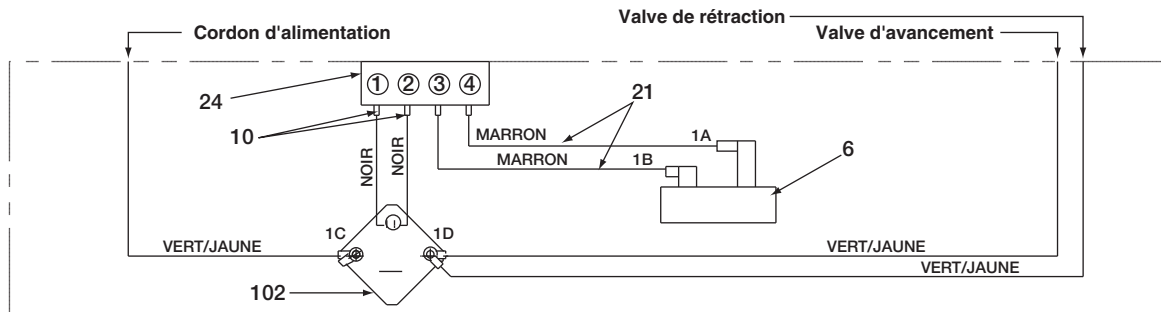
Liste des pièces de rechange pour la Figure 1-5

Élément	Référence	Qté	Description	Élément	Référence	Qté	Description
2	★ DA12088167SR	1	Joint (inclut l'article 156)	121	DA5999900SR	1	Valve de décharge (reportez-vous à la Figure 4)
3	DA1910900SR	1	Ensemble du réservoir	122	★ C846037	1	Joint
10	DA3776006	2	Broche	123	★ DA5771290	1	Siège
14	DA15066	4	Rondelle de blocage	125	DC1316900SR	1	Assemblage de guidage à billes
15	B1018121	4	Écrou hexagonal	126	★ DA3282110	1	Ressort de compression
17	CW261225	6	Oeilleton	127	DA5772013	1	Guide de ressort
18	F866028	6	Vis à métaux	128	DA5773048	1	Vis de réglage
19	CW259298	1	Chicane	129	★ S1167	1	Rondelle
22	DA5476900SR	1	Soupape à champignon 115V	130	DA5774021	1	Écrou
	DA5477900SR	1	Soupape à champignon 230V	140	R515245-2	1	Bouchon
25	contacter Enerpac	1	Plaque signalétique	142	B202291	1	Coude
26	DC818003	4	Rivet pop	143	DA7000268	1	Tube
27	DA608024	1	Bouchon d'aération	144	★ CW467044	1	Bague de retenue
28	★ B1906503	1	Joint torique	145	★ DA445107	2	Palier
36	DA931225	2	Insert	146	★ B1007016	1	Bille
42	DC3760900	1	Calibre	147	★ DA1564110	1	Ressort
77	DA5775190	1	Vis de réglage	149	DA5859028	4	Vis
78	★ B1003503	1	Joint Torique	150	DA1015950SR	1	Assemblage de valve de décharge
79	CB815381	1	Bouton	151	DA5849092	1	Raccord coudé
80	DC5714028	1	Vis de serrage	152	Y714291	1	Coude
81	B1080066	3	Rondelle de blocage	153	★ C642395	1	Raccord
82	B1326028	3	SHCS	154	★ CU876028	3	Vis (10-24)
83	DA7858147	3	Bouton	155	DA3585186	3	Entretoise
84	DC2926004	1	Bride	156	See item 2	1	Joint
85	DC2290900	1	Kit Cadran	157	★ DA9628900SR	1	Assemblage de la soupape d'allègement
86	F100095	1	Raccord 45°	158	DC834900SR	1	Assemblage du ressort de guidage
87	B1018121	3	Ecrou hexagonal	161	DA5879026	1	Autocollant d'avertissement
101	DA12490840SR	1	Collecteur de pompes (inclut l'article 121)	163	F100097-52	2	Coude mâle, 90°
102	CW179259	1	Moteur 115 VAC	164	DC1939268	1	Tubulure en nylon
	DC1415259	1	Moteur 230 VAC (50 Hz)	165	F100097-33	1	Connecteur, mâle
105	DD1449051SR	1	Ensemble piston d'arrêt (14 mm)	166	CJ657032	1	Réducteur
106	★ B1007503	1	Joint torique	181	DA7567028	1	Vis
107	DD1450051SR	1	Ensemble piston d'arrêt (6 mm)	185	DA7570217	1	Sangle
108	★ B1012803	1	Joint torique	190	DA12352290	1	Siège de bille
109	B1010028X	4	Vis	196	★ C332291	1	Raccord
110	CW252107	1	Palier	200	★ DC1947167	1	Joint
114	CW301228	1	Engrenage moteur	Balais de remplacement pour moteurs électriques			
115	★ B1097057	1	Goupille ressort	- - -	DA9655380	1	Ensemble de balais pour modèles 115V
116	★ CW199107	1	Palier	- - -	DA9656380	1	Ensemble de balais pour modèles 230V
117	CW251107	1	Palier				
118	CW302107	1	Palier				
119	CW303104	1	Arbre				

★ Indique les articles inclus dans le kit de réparation PME10427K

Technical drawing of the front view of the device. The main body is labeled 19. The control panel is labeled 24. The display is labeled 21. The buttons are labeled 6, 7, 8, and 149. The connector is labeled 4, 5. The drawing includes various callouts and dimensions.

Liste des pièces de rechange pour la Figure 6			
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
67	A1009245	2	Bouchon
149	DA5859028	4	Vis



Liste des pièces de rechange pour la Figure 7							
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				

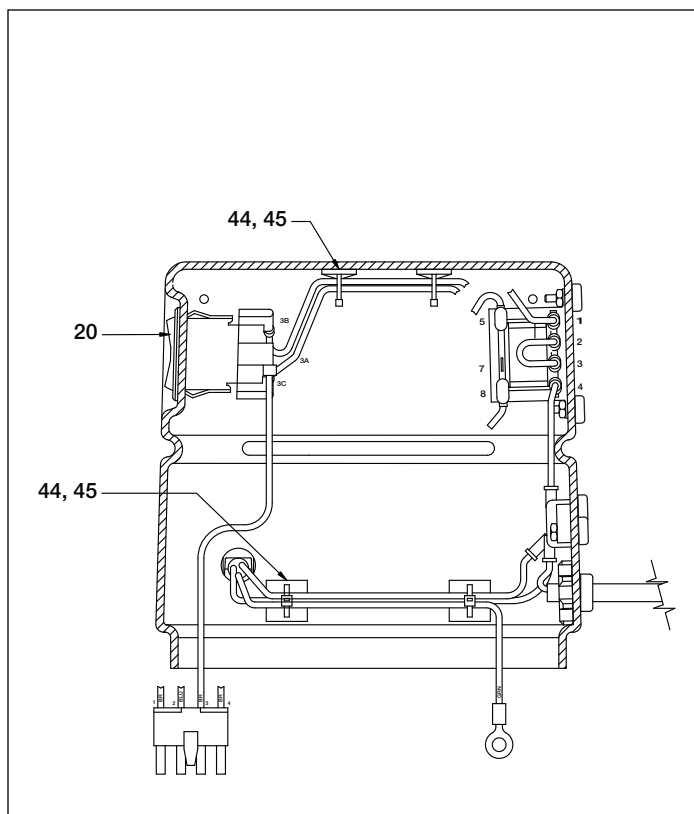


Figure 8, Câblage de la tôle de protection - derrière le moteur

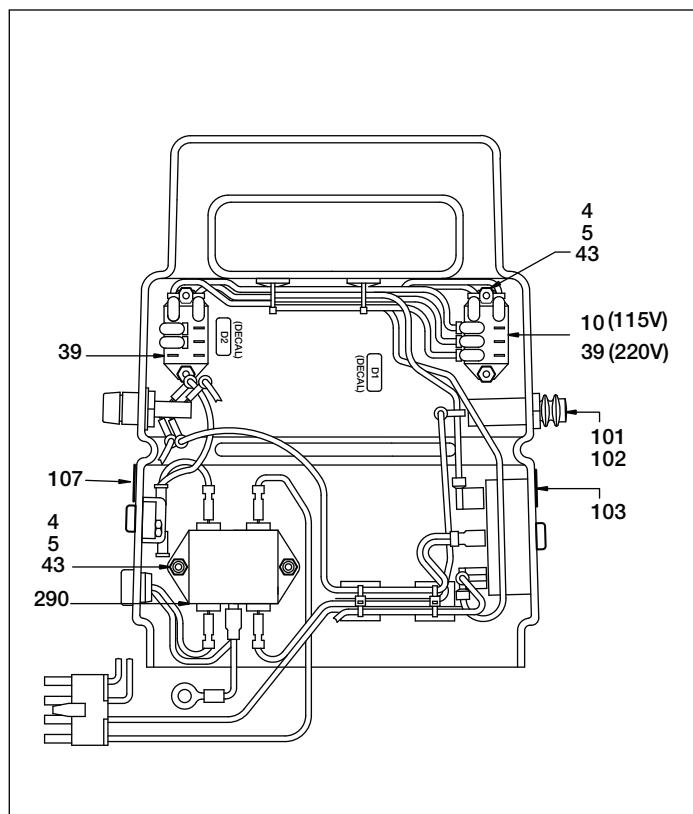


Figure 9, Câblage de la tôle de protection - devant le moteur

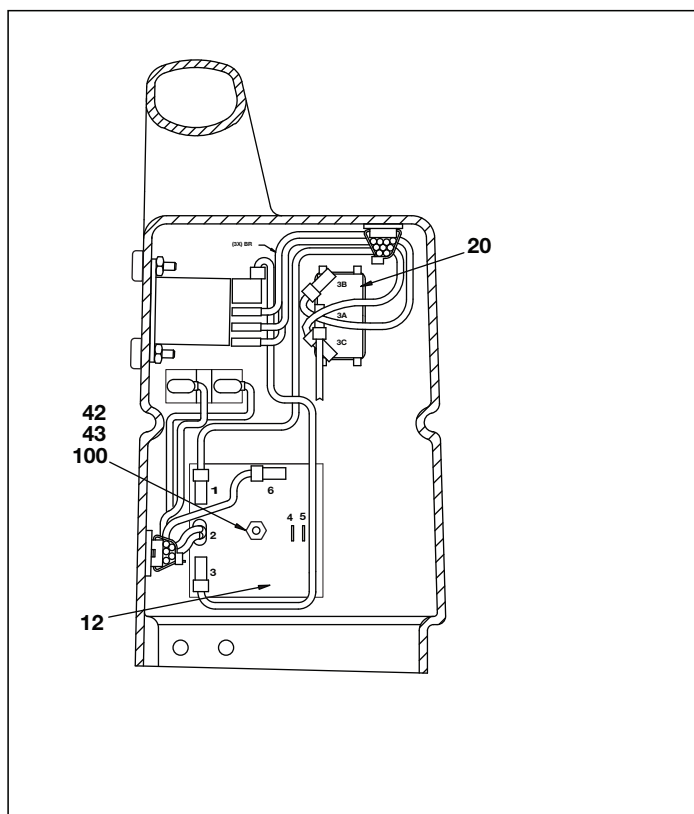


Figure 10, Câblage de la tôle de protection - côté gauche du moteur

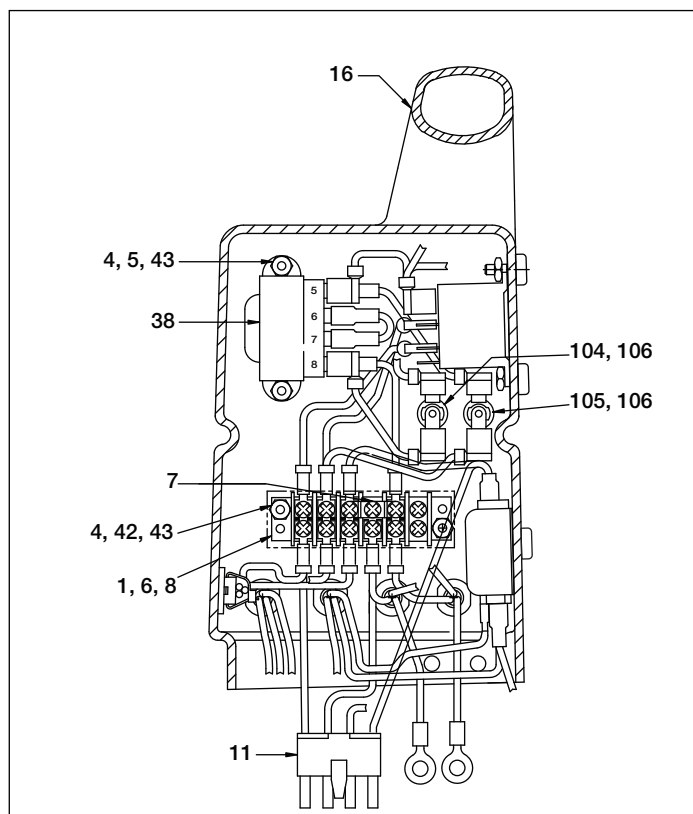


Figure 11, Câblage de la tôle de protection - côté droit du moteur

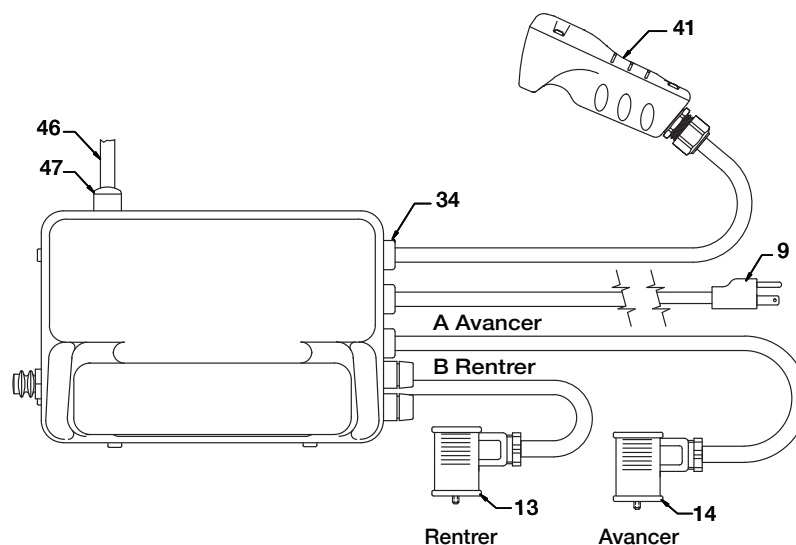


Figure 12, Vue de dessus - cordons et câbles

Liste des pièces de rechange pour la Figure 8-12

Élément	Référence	Qté	Description	Élément	Référence	Qté	Description
1	DA5884199	1	Barrette de raccordement	39	DD2668380	1	Relais d1 (115V)
4	BC1310728	8	Vis (115 V)		DC8280980	2	Relais d1 et d2 (230V)
	BC1310728	10	Vis (230V)	41	DD1049900SR	1	Pupitre mobile (Fig. 13)
5	F75021	6	Ecrou de blocage, #6-32 (115V)	42	B1013121	3	Écrou hexagonal
	F75021	8	Ecrou de blocage, #6-32 (230V)	43	DA5974098	9	Protection pour vis (115V)
6	DA5801199	1	Barrette de raccordement avec marqueur		DA5974098	11	Protection pour vis (230V)
7	DA5803199	2	Cavalier terminal	44	EHC3901075	6	Lanière pour câbles, autocollant
8	DA5802199	1	Couvercle de bornier	45	DA3131217	7	Lanière pour câbles
9	DC7967960SR	1	Cordon d'alimentation 115 VAC	100	DC7968028	4	Vis
	DC5840960SR	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	Étiquette 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	Étiquette de fusible
34	CR759291	4	Protection de cordon	290	DC8365380	1	Filtre (230V seulement)
38	DA5875380	1	Transformateur				

★ 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 DC7935900SR (115V) ou DC7936900SR (230V)..

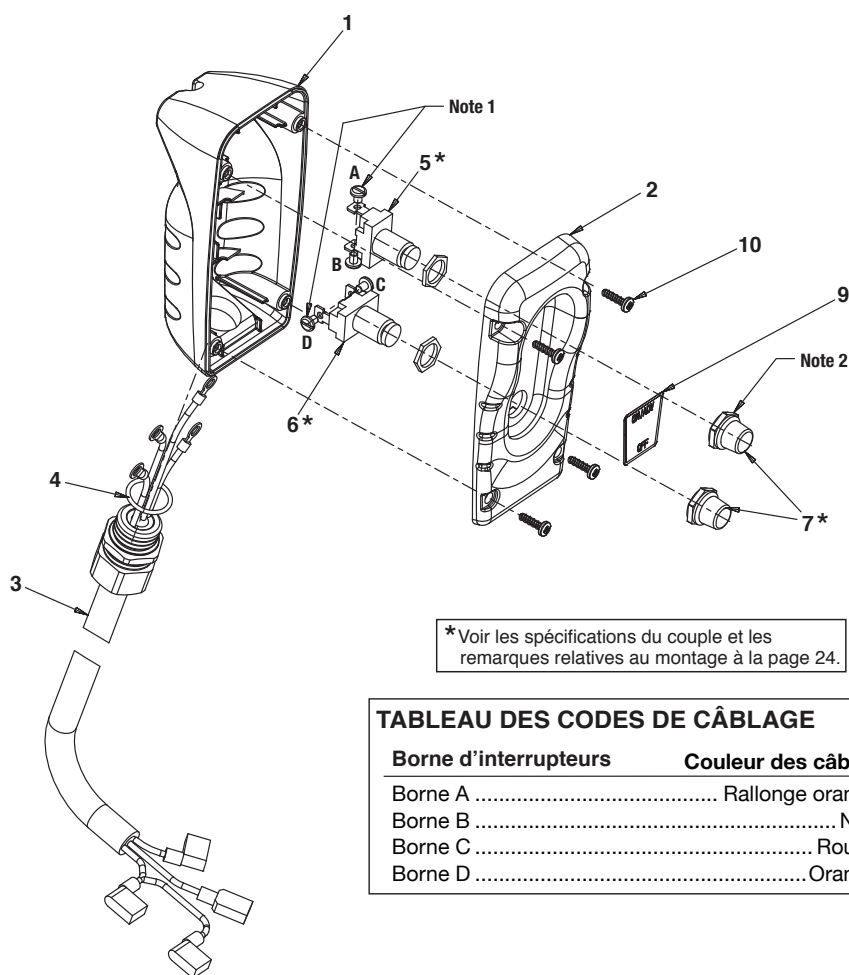


Figure 13, Pupitre mobile

Liste des pièces de rechange pour la Figure 13			
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.			

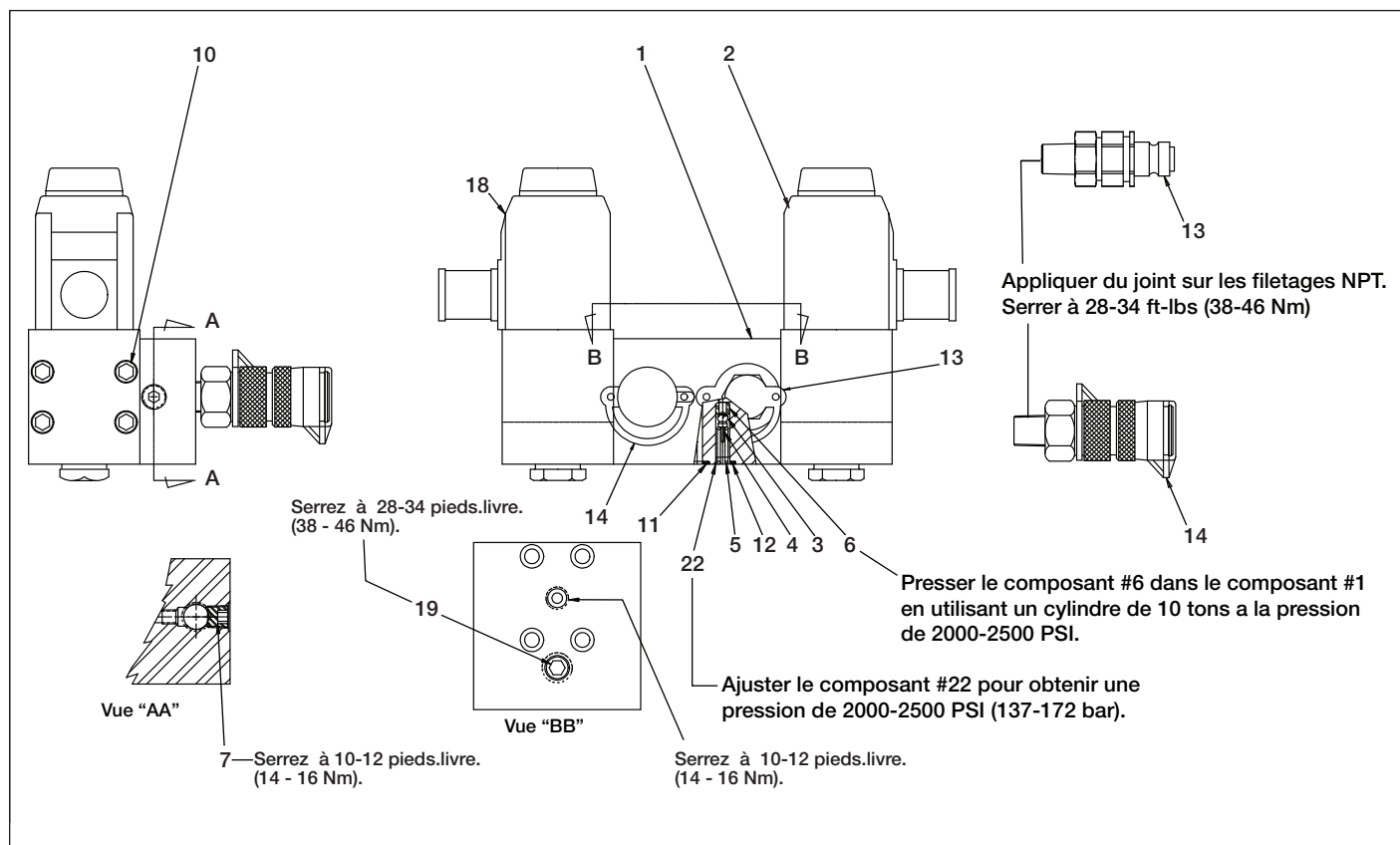


Figure 14, Soupape à champignon

Liste des pièces de rechange pour la Figure 14							
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. 15)	12	▲★ B1231503	2	Joint torique
	VSG3510P	1	Soupape à champignon 230V (Fig. 15)	13	DC6432034	1	Raccord mâle
3	▲★ B1005016	1	Bille 3/16"	14	DC6431034	1	Raccord femelle
4	▲★ F522570	1	Capuchon de bille	18	DC847900SR	1	Soupape à champignon 115V (Fig. 16)
5	▲★ A8238110	1	Ressort de compression		DC848900SR	1	Soupape à champignon 230V (Fig. 16)
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				

★ 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.

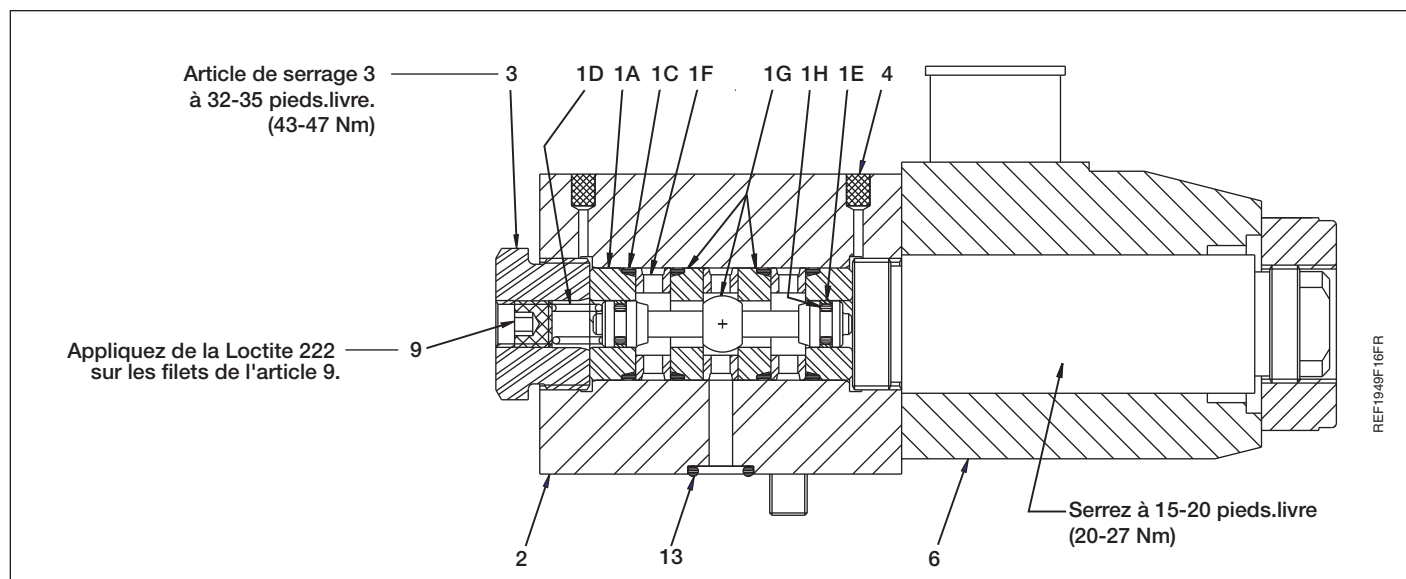


Figure 15, Ensemble soupape à champignon

Liste des pièces de rechange pour la Figure 15							
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				

★ Indique les articles inclus dans le kit de réparation DA5476900K.
 † Indique les articles inclus dans le kit de réparation DA5792949SR.
 (Le kit de réparation DA5476900K est inclus dans le kit de réparation de la pompe PME10427K.)

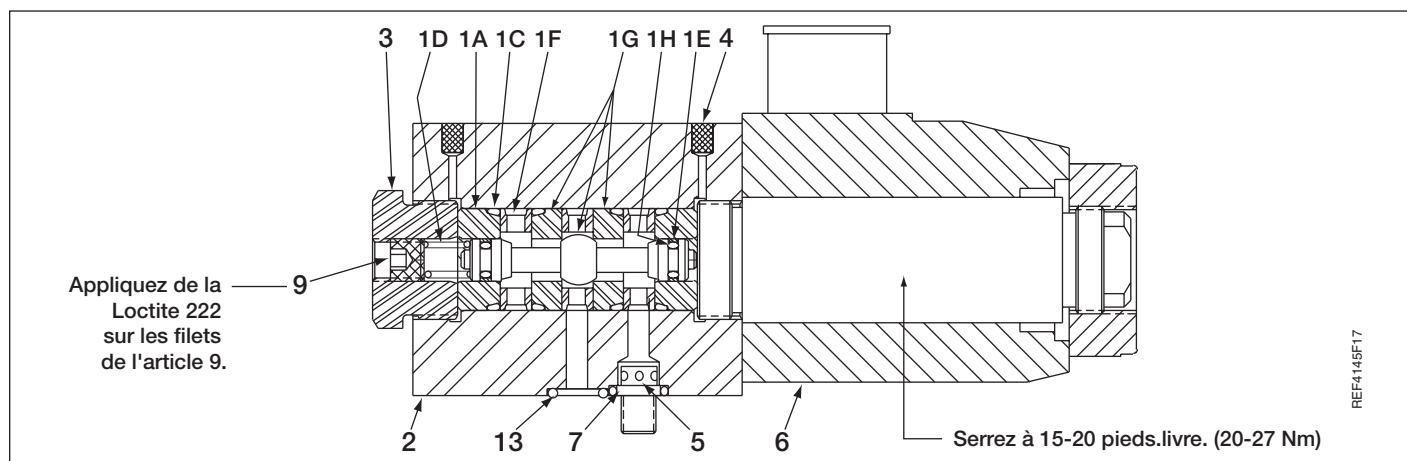


Figure 16, Ensemble soupape à champignon

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)	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.

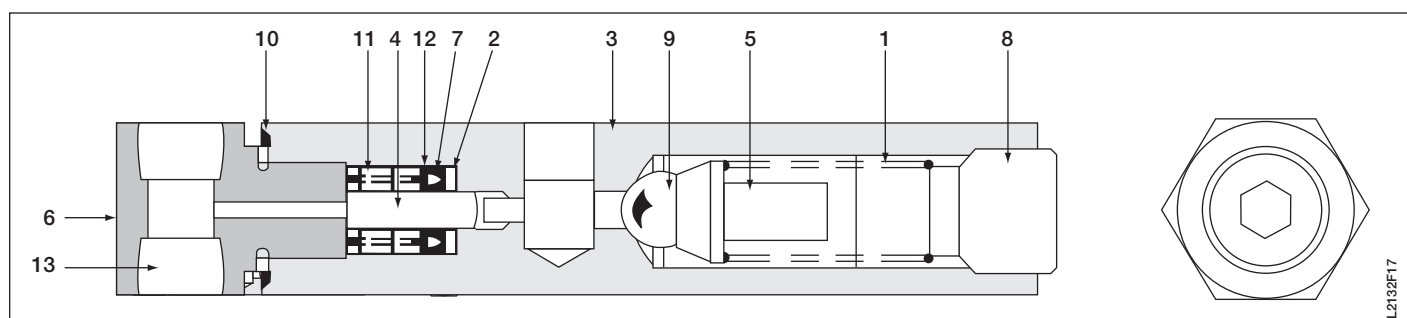


Figure 17, Soupape d'allégement

Liste des pièces de rechange pour la Figure 17

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).

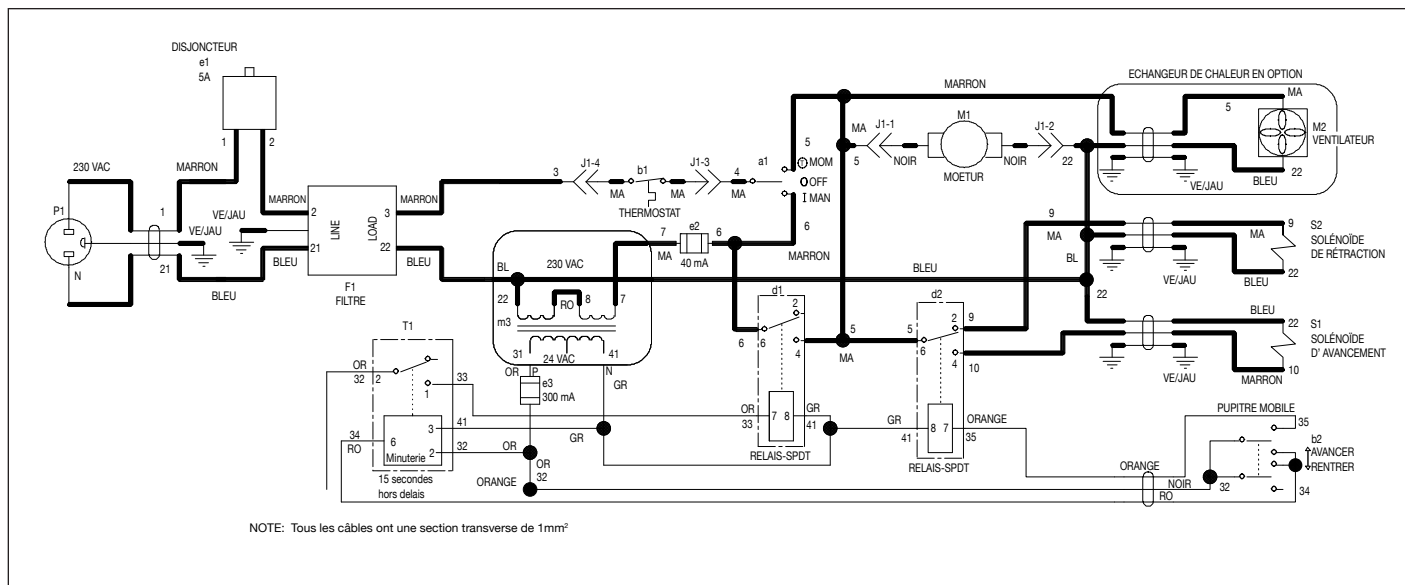


Figure 18, Schéma électrique, Modèle PME10422

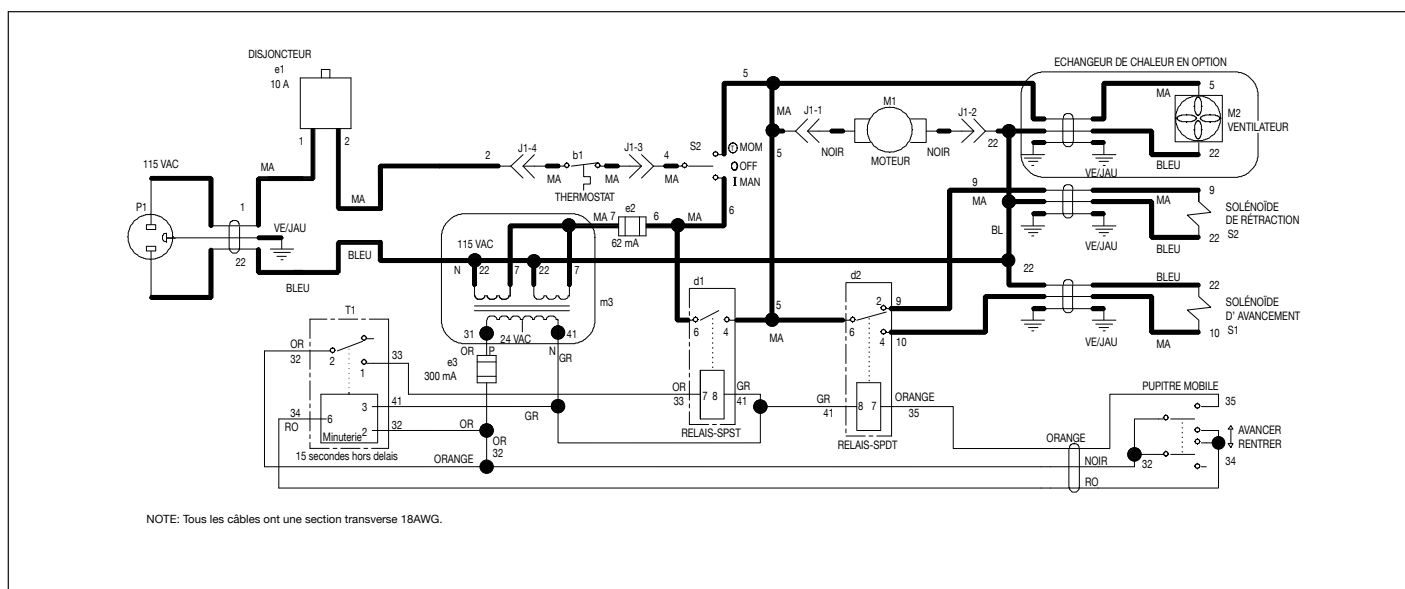


Figure 19, Schéma électrique, Modèle PME10427

Figure	Élément	Spécifications de serrage et remarques d'assemblage
1	18	Serrage de 12 à 18 po-livre (1,4 à 2,0 Nm). Lubrifier avec une goutte de Loctite #242.
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.
5	86	Serrage de 44 à 53 po-livre (60 à 71 Nm). La connection ne doit pas fuir à la pression de travail.
6	149	Serrage de 8 à 10 po-livre (10,8 to 13,5 Nm).
6	5	Serrage de 59 à 52 pied-livre (66 à 70 Nm).
6	8	Serrage de 8 à 12 po-livre (0,9 à 1,35 Nm).
6	24	Brancher au connecteur de la tôle de protection.
13	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.
13	Note 2	Torque to 14-16 in-lbs (1,6-1,8 Nm).

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