

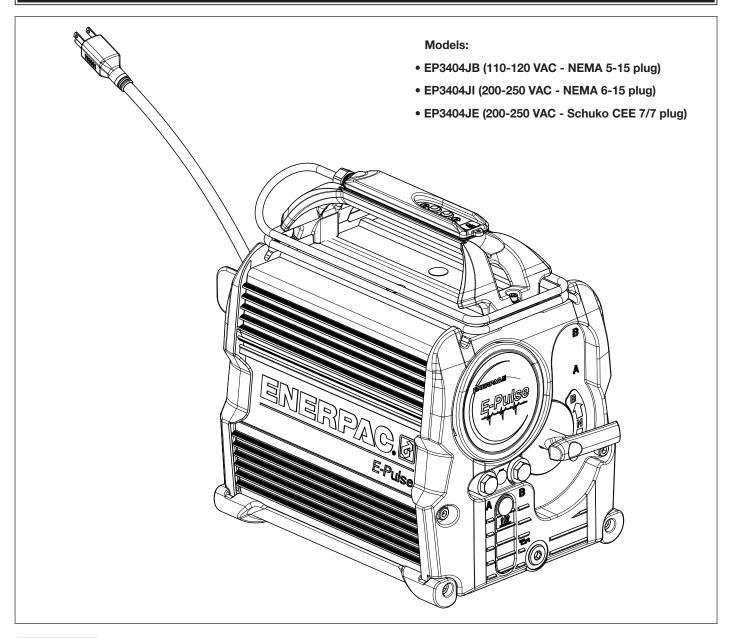
Repair Parts Sheet

E-Series Electric Manual Valve Pump

Document	Document	Document	Product Date Code
Number	Revision	Revision Date	Beginning With
L4298	Α	04/2019	

To Protect Your Warranty, Use Only ENERPAC Hydraulic Oil.

Enerpac recommends that all kit components be installed to insure optimum performance of the repaired product.



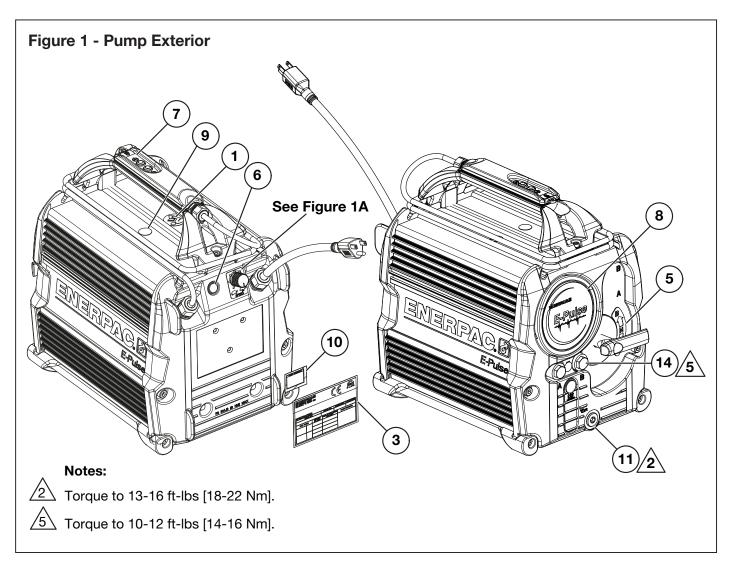
▲ WARNING Fully relieve hydraulic pressure, disconnect hydraulic hoses and unplug AC power cord from electrical outlet before beginning any inspection, maintenance or repair procedures. Failure to observe these precautions could result in death or serious personal injury. Appropriate shop safety procedures are to be followed during disassembly and reassembly to minimize any possibility of injury.

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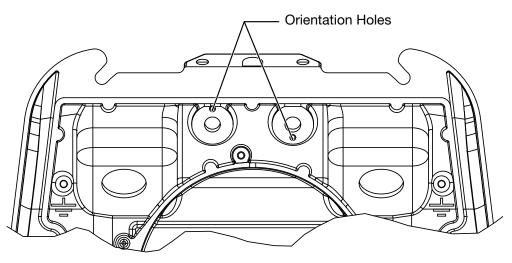
Notes:

- Parts lists indicate the total quantity of each part used in a figure.
- The quantity of a part supplied in a repair kit or service assembly may be less than the total quantity shown in the parts list.
- Information contained in this document is subject to change without notice due to design variables, product improvements and other factors. Copyright © 2019 Enerpac. All rights reserved.



	Repair Parts List for Figure 1				
Item	Part Number	Qty.	Description		
1	* DC7887026	1	CE Safety Label Read Instructions		
3	DD6799026	1	Decal, Product Specification		
5	DD7217026	1	Decal, Manual Valve Operation		
6	DD7248009	1	Plug, Dome, 7.5 Dia		
7	DD7349026	1	Decal, Pendant, Momentary/Continuous		
8	DD7355026	1	Decal, Gauge Cap		
9	DD7417026	1	Decal, Unplug Cord		
10	DD7444026	1	Decal, Valve Schematic, 4/3M		
11	DD7557006	1	Plug, SAE #8, Zero-Leak		
14	R515245-2	2	Plug		
₩ - Incl	* - Included in Pump Cover Kit DD6792098SR.				

Figure 1A - Speed Control Potentiometer and Cable Kit: DD7060960K

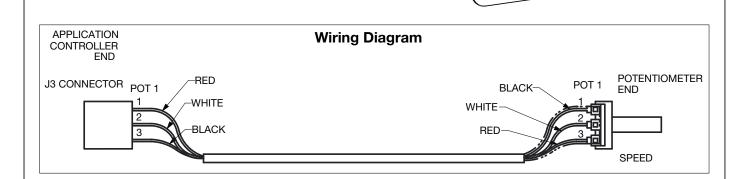


Orientation tab See Figure 13 for main electrical wiring diagram. **Notes:**

Remove nut. Insert potentiometer through endcap, aligning orientation tab. Reinstall nut and torque to 8-10 in-lbs [0.9-1.1 Nm].

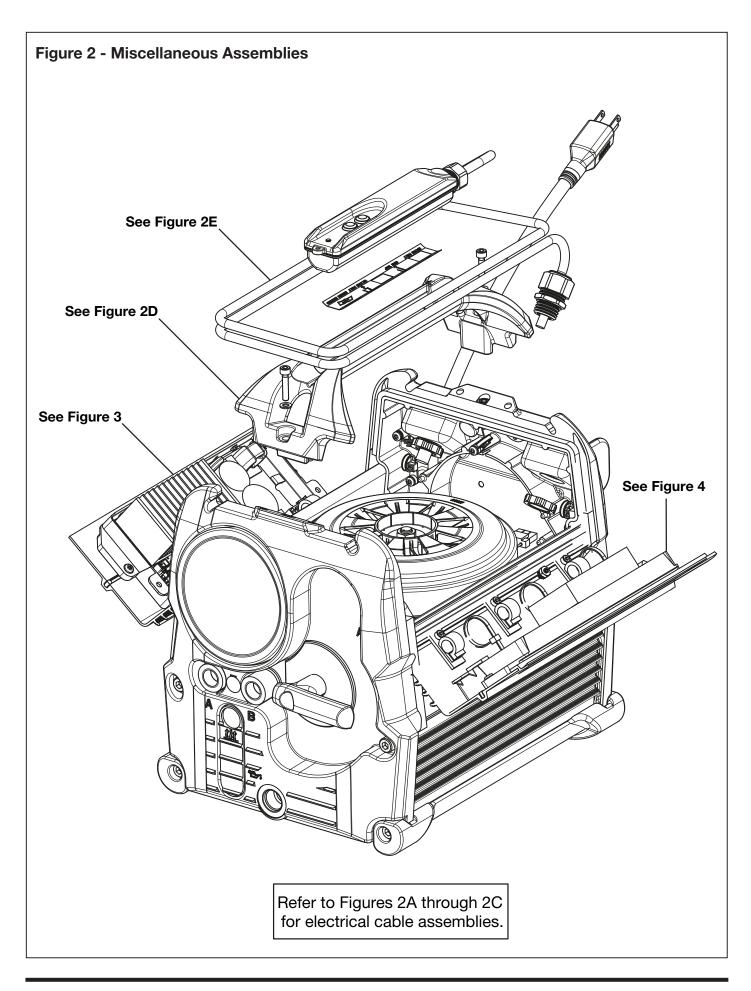


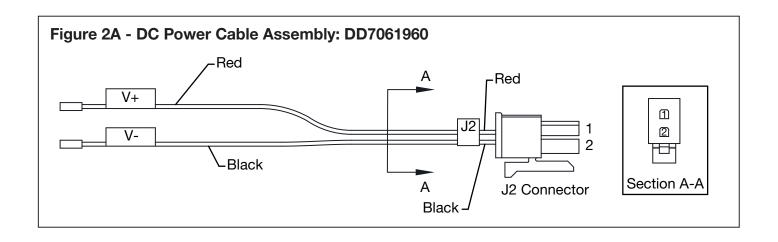
2 Apply decal, turn potentiometer shaft fully clockwise. Align knob with max line and push on to install.

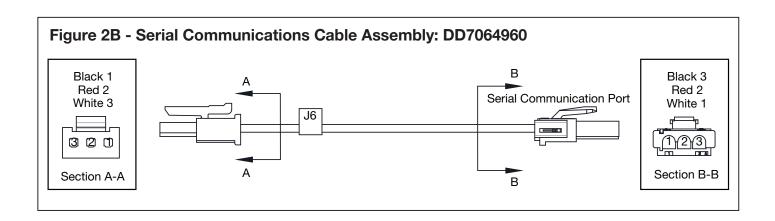


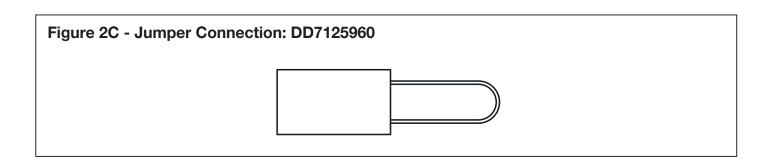
	Repair Parts List for Figure 1A				
Item	Part Number	Qty.	Description		
1	DD6798026	1	Decal, Potentiometer, Speed Control		
2	DD7029020	1	Knob Potentiometer		
3	DD7060960	1	Cable Assembly		

Note: Speed Control Potentiometer and Cable Kit DD7060960K includes all items listed in the table above.

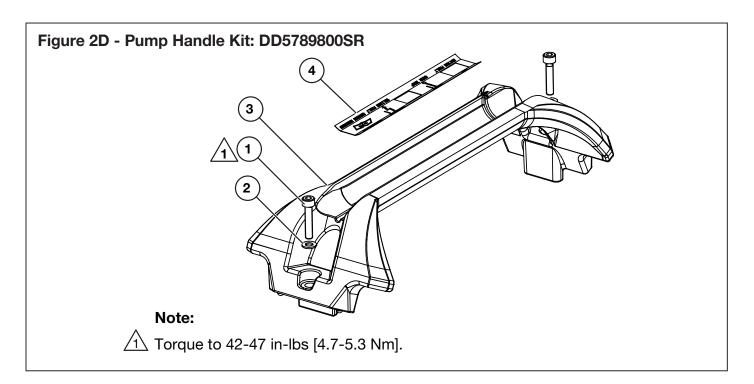






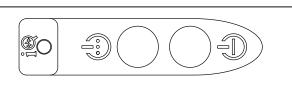


	Repair Parts List for Figure 2A, 2B and 2C				
Item Part Number Qty. Description			Description		
	See Figure 2A	1	Cable Assembly, DC Power Supply		
	See Figure 2B	1	Cable Assembly, Serial Communications		
	See Figure 2C	1	Cable, Jumper, J8 and J9 Connection		
	DC9876647	3	Black Cable Tie 6" (not shown)		



Repair Parts List for Figure 2D				
Item	Part Number	Qty.	Description	
1	CAE1050108-1A	2	Flat Washer DIN125A M5	
2	CCE523028-1A	2	Screw-SHCS, Hex, M5 x 0.8 x 25, 12.9, Zinc	
3	DD6789800	1	Casting Handle Pump	
4	DD7167026	1	Decal, Troubleshooting	
Note: Pump Handle Kit DD5789800SR includes all items listed in the table above				

Figure 2E - 2 Button, Pendant Assembly: DD5278900SR1 1d



See Figure 13 for main electrical wiring diagram.

DD7349026

(order decal separately - not included in kit)

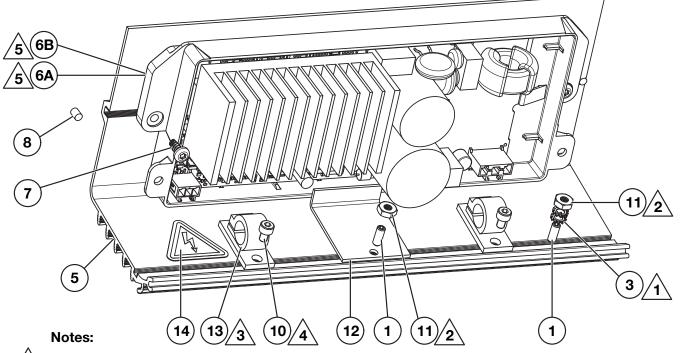
Note:

Torque to finger tight plus an additional 1/4 turn.

	Repair Parts List for Figure 2E					
Item	Part Number	Qty.	Description			
1a	DD7094380	1	Light Pipe			
1b			Seal			
1c			Washer			
1d			Nut			
2	DD7280424	1	Cover			
3	DD7294960	1	Bottom			
4	DC9538021	1	Locking Nut 20mm			
N. L. O.D. II. D. L. LA. L. I. D. GOZGOGO DATE L. L. H. II. H. L.						

Note: 2 Button, Pendant Assembly DD5278900SR1 includes all items listed in the table above.

Figure 3 - Motor Controller Cover Assembly



1

Install ground cable with ring terminal between star washers.

<u>/2</u>\

Torque to 8-10 in-lbs [0.9-1.1 Nm].



Remove adhesive backing before installation.



Torque to 6-7 in-lbs [0.7-0.8 Nm].



See parts list (items 6A & 6B) for voltage options.

- Attach all wires including ground wire!
- Remove lip seal from old cover and attach to new cover if applicable (only one side has a lip seal).
- See wiring diagram Figure 13 for wire connections.
- See pump cover removal/installation instructions Figure 14.

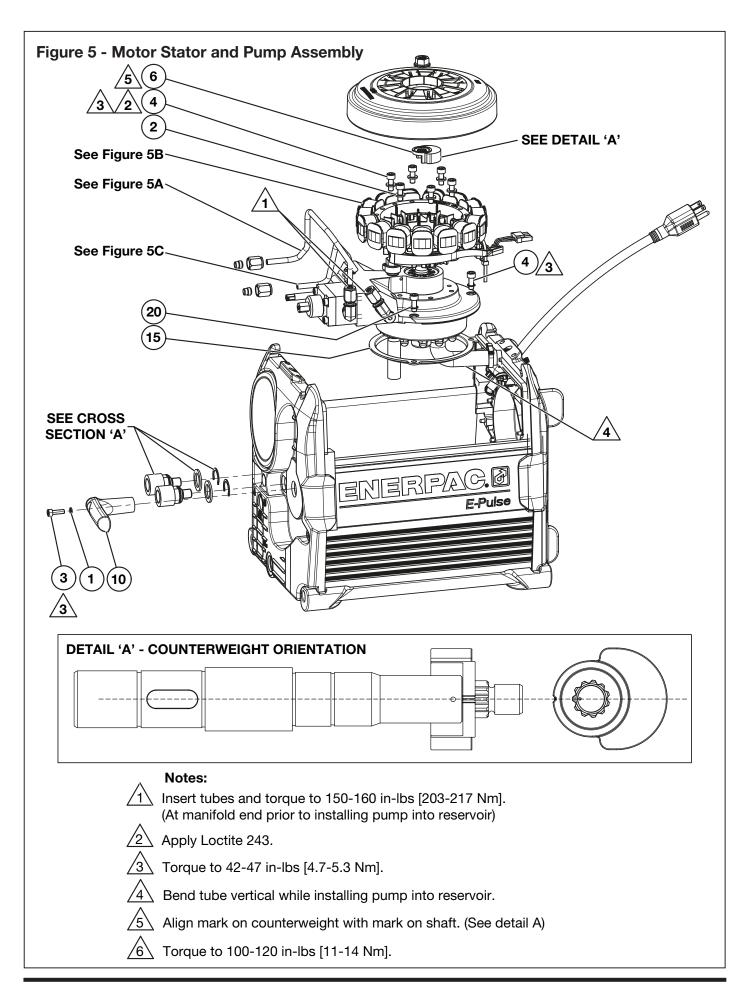
	Repair Parts List for Figure 3					
Item	Part Number	Qty.	Description			
1	BF1607027AX	2	Set Screw, #8-36 x 0.438, Cup Point, Zinc			
3	CCE1040108-7A	2	Lock Washer, External Tooth For M4			
5	* DD6792098-P03	1	Pump Cover			
6A	DD6987827K	1	Motor Controller Kit, 120V (Model EP3404JB)			
6B	DD7318827K	1	Motor Controller Kit, 230V, 240V (Models EP3404JI and EP3404JE)			
7	▲ DD7513001	2	Screw, Thread Forming, M4.55 x 10 Long			
8	* DD7462037	2	Gasket, 4.0mm Dia x 5.50mm L Cord Stock			
	* See Figure 1	1	CE Safety Label Read Instructions			
10	* CBE411028-1A	3	Screw-SHCS, Hex, M4 x 0.7 x 6, 8.8, Zinc			
11	DD7516122	2	Nut-Hex Full, #8-36, GRD 2, Zinc			
12	DD7609111	1	Bracket, Motor Controller Restraint			
13	* DD7326217	3	Cable Tie, Screw Mount			
14	* DC9922026	1	Decal High Voltage			

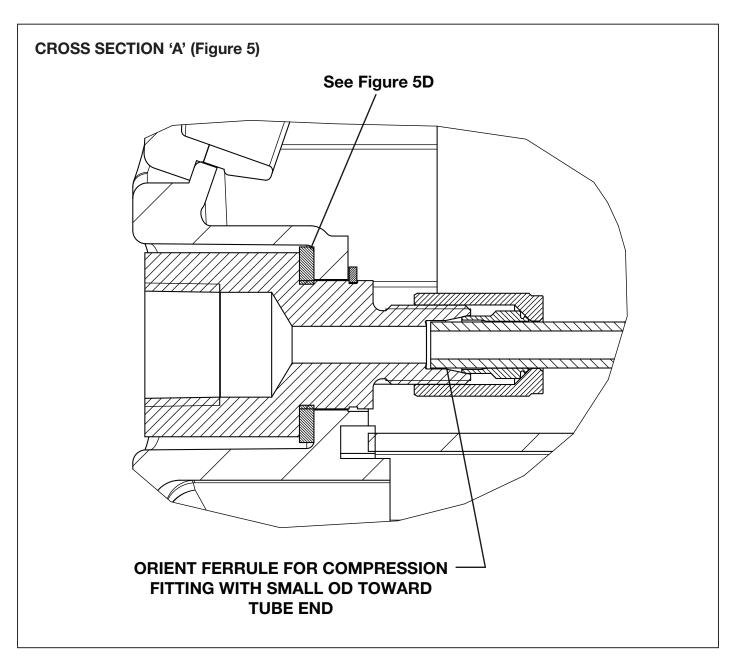
^{▲ -} Each motor controller kit (items 6A and 6B) includes two thread forming screws (item 7).

^{* -} Included in Pump Cover Kit DD6792098SR.

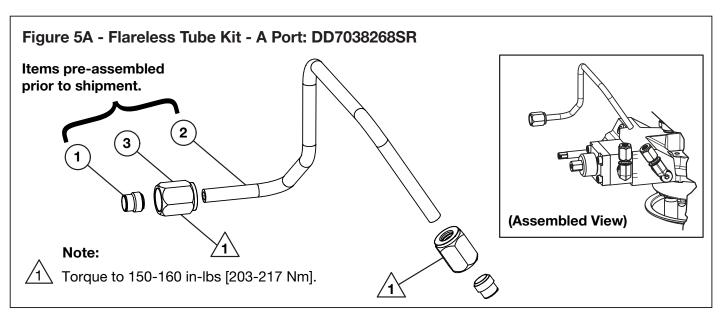
Figure 4 - Power/App Assembly 8 (13) 5 Notes: Install ground cable with ring terminal between star washers. Torque to 8-10 in-lbs [0.9-1.1 Nm]. Remove adhesive backing before installation. Torque to 6-7 in-lbs [0.7-0.8 Nm].

	Repair Parts List for Figure 4						
Item		Part Number	Qty.	Description			
1		BF1607027AX	1	Set Screw, #8-36 x 0.438, Cup Point, Zinc			
2	*	CBE411028-1A	3	Screw-SHCS, Hex, M4 x 0.7 x 6, 8.8, Zinc			
3		CCE1040108-7A	2	Lock Washer, External Tooth For M4			
4		DC9876647	3	Black Cable Tie 6"			
5	*	DD6792098-P03	1	Cover, Machined, 1 Gal, Yellow			
6		DD7298900	1	Power App Board Assembly			
7	*	DD7326217	3	Cable Tie, Screw Mount			
8		DD7448037	1	Lip Seal, E-Pulse			
9	*	DD7462037	2	Gasket, 4.0mm Dia x 5.50mm L Cord Stock			
11		DD7516122	1	Nut-Hex Full, #8-36, GRD 2, Zinc			
12		DD7609111	1	Bracket, Motor Controller Restraint			
13		DD7513001	2	Screw, Thread Forming, M4.55 x 10 Long			
	*	See Figure 1	1	Decal, Unplug Cord (not shown)			
* - Incl	ude	d in Pump Cover Kit DD	* - Included in Pump Cover Kit DD6792098SR.				

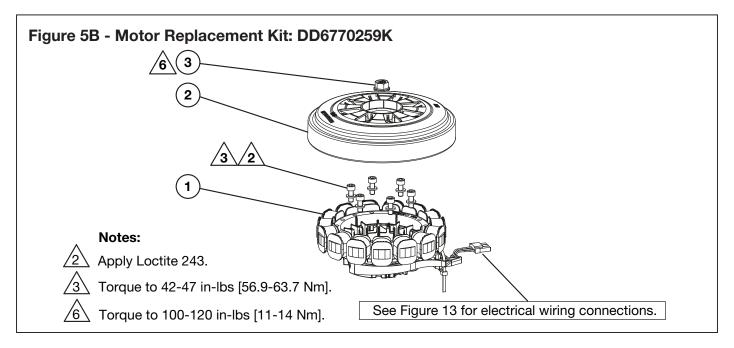




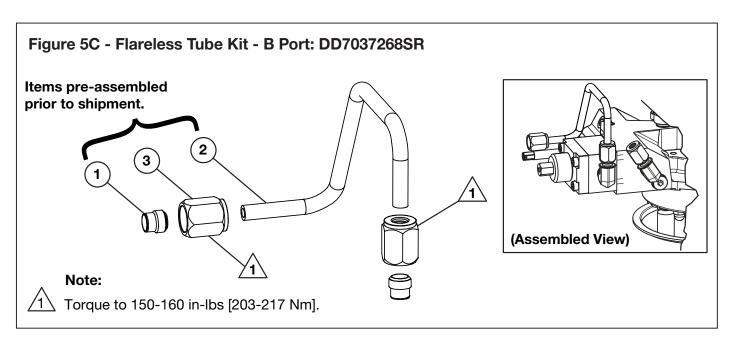
	Repair Parts List for Figure 5					
Item	Part Number	Qty.	Description			
1	B1086066	1	Lockwasher			
2	CAE1060108-1A	6	Washer-Flat, M6, 6.4 ID x 12 OD x 1.6, Din 125A, Zinc			
3	CBE519028-1A	1	Screw-SHCS, Hex, M5 x 0.8 x 16, 8.8, Zinc			
4	CBE619028-1A	9	Screw-SHCS, Hex, M6 x 1 x 16, 8.8, Zinc			
6	DD6763101	1	Plate, Counterweight			
10	DD7027070	1	Handle, Valve			
15	DD7319037	1	Gasket, Manifold			
20	S3037	3	Gasket			



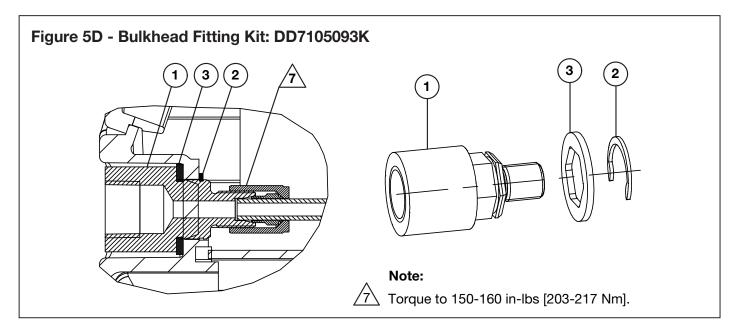
	Repair Parts List for Figure 5A					
Item	Part Number	Qty.	Description			
1	CU421096	1	Ferrule, Ferulok, 0.25 Tube			
2	DD7038268	1	Tube, Flareless, A Port			
3	F100093-21	1	Nut, Ferulok, 7/16-20 THD, 0.25			
Note: F	Note: Flareless Tube Kit - A Port DD7038268SR includes all items listed in the table above.					



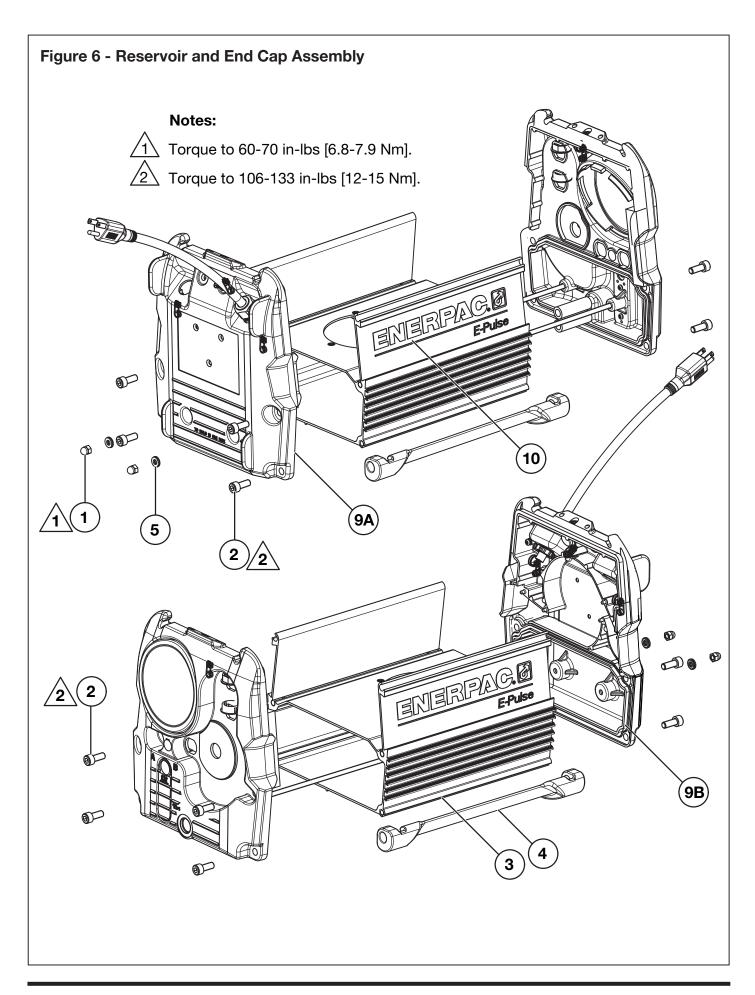
	Repair Parts List for Figure 5B					
Item	Part Number	Qty.	Description			
1	DD6770259	1	Motor Stator Assembly			
2	DD6771257	1	Motor Rotor			
3	3 DD7003021 1 Nut, Flange M10 x 1.25, with Counterbore					
Note: N	Note: Motor Replacement Kit DD6770259K includes all items listed in the table above.					



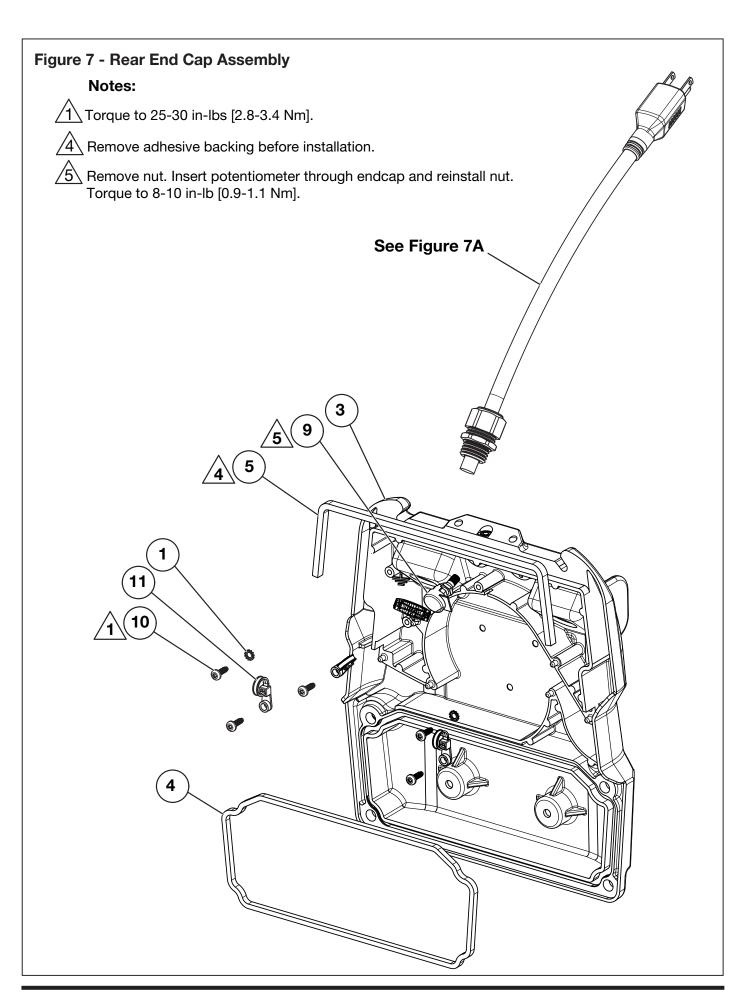
Repair Parts List for Figure 5C							
Item	Item Part Number Qty. Description						
1	1 CU421096 1 Ferrule, Ferulok, 0.25 Tube						
2	2 DD7037268 1 Tube, Flareless, B Port						
3	3 F100093-21 1 Nut, Ferulok, 7/16-20 THD, 0.25						
Note: F	lareless Tube Kit - B Port	DD70372	68SR includes all items listed in the table above.				



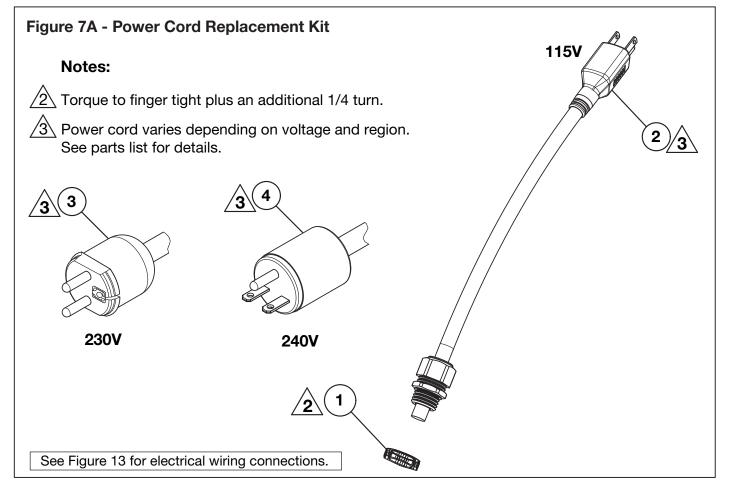
	Repair Parts List for Figure 5D						
Item	Item Part Number Qty. Description						
1	DD7105093	1	Bulkhead Fitting, 3/8" NPT x 0.25 Flareless				
2	2 DD7106044 1 Retaining Ring, External, 13/16" Shaft		Retaining Ring, External, 13/16" Shaft				
3	3 DD7447037 1 Gasket, Bulkhead, E-Pulse						
Note: B	Bulkhead Fitting Kit DD71	05093K inc	cludes all items listed in the table above.				



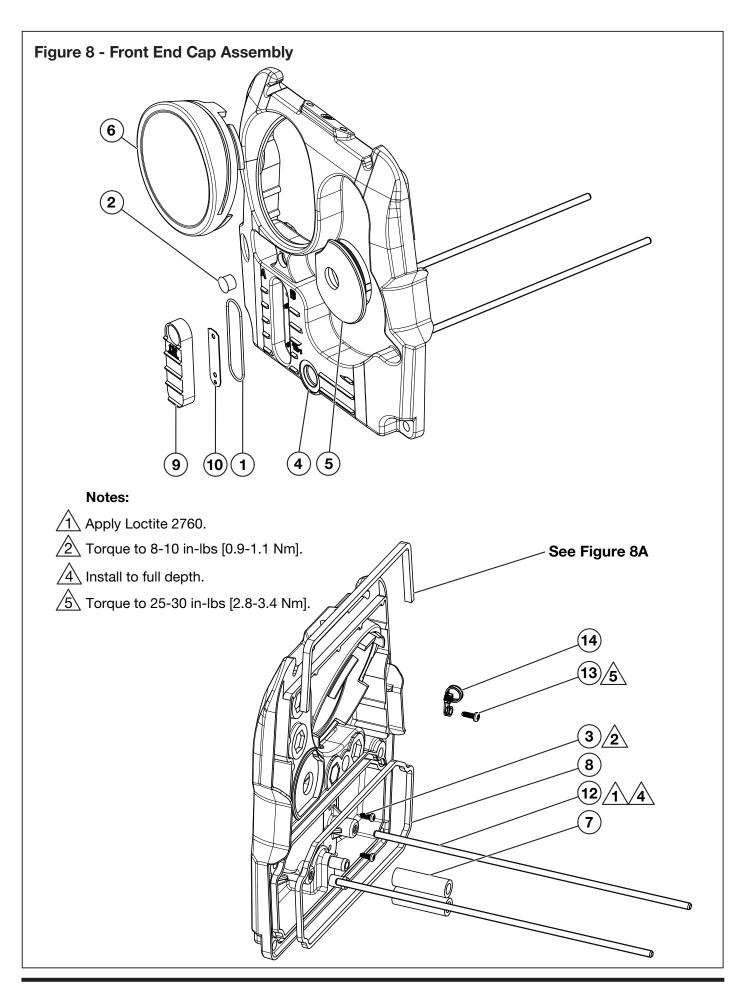
	Repair Parts List for Figure 6				
Item	Part Number Qty. Description		Description		
1	CAE1060055-1A	2	Acorn Nut M6		
2	CBE821028-1A	8	Screw-SHCS, Hex, M8 x 1.25 x 20, 8.8, Zinc		
3	DD6788025-P03	1	Reservoir, Machined, 1 Gal, Yellow		
4	DD6795870	2	Foot, Rubber		
5	DD7164108	2	Washer, Rubber Sealing, M6		
9A	See Figure 8	1	Endcap Assembly, Front		
9B	See Figure 7	1	Endcap Assembly, Rear		
10	DD7290026	2	Decal, Enerpac Logo, Die-cut		
	S3037	3	Gasket (See Figure 5, item 20)		



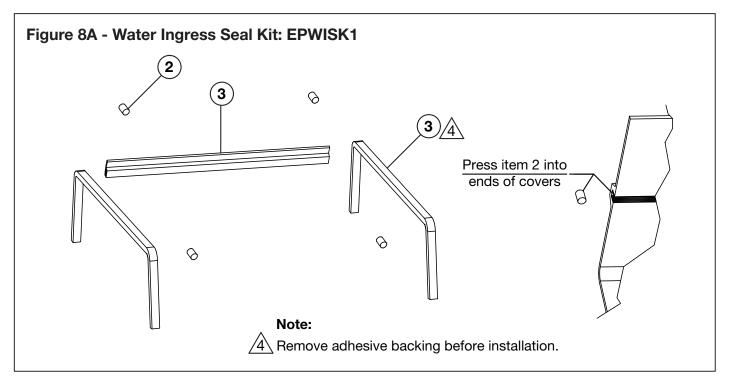
	Repair Parts List for Figure 7				
Item Part Number Qty. Description		Description			
1	CCE1040108-7A	2	Lock Washer, External Tooth For M4		
3	DD6786020	1	End Cap, Rear, Machined, Black		
4	DD7017037	1	Gasket, Endcap		
5	DD7030037	1	Gasket Tape, 3/16" THK x 1/4" W x 12.25" L		
9	DD7060960	1	Cable Assembly, Potentiometer		
10	DD7328001	5	Screw, Thread Forming, M4 x 12 Long		
11	DD7331217	3	Cable Tie, Screw Mount		
12	DD7439960	1	Cable Assembly, Power, Motor Controller		
13	DD7463118	2	Filter, 20 x 10 x 100		



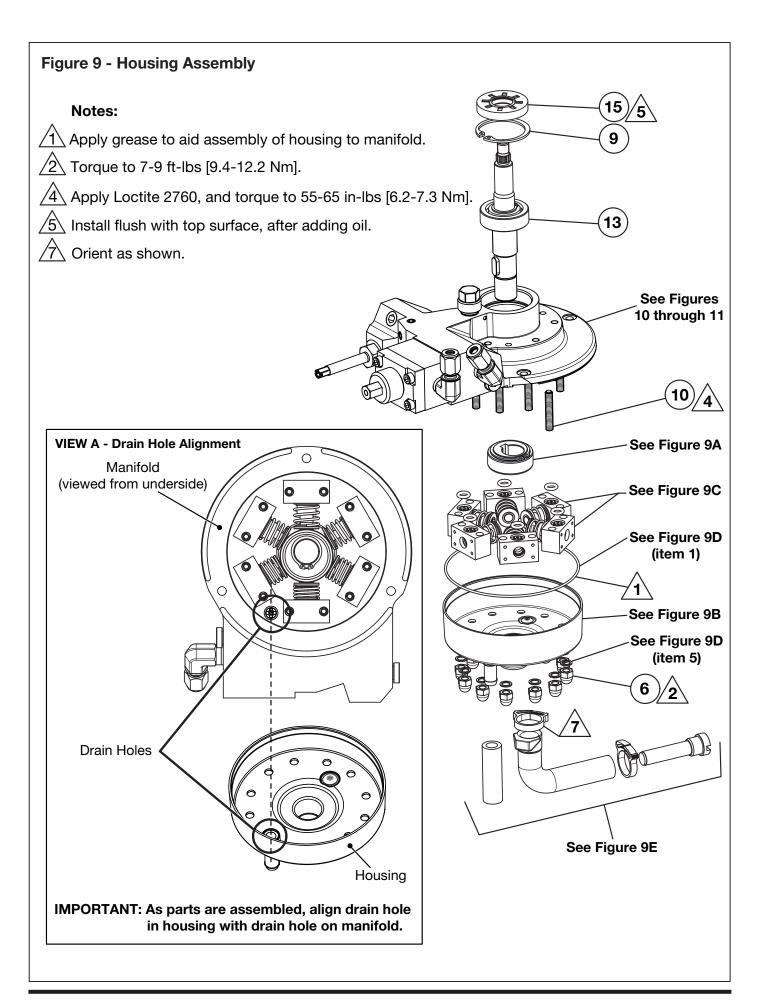
	Repair Parts List for Figure 7A					
Item Part Number Qty. Description		Description				
1	DC9538021	1	Locking Nut 20mm			
2	DD7044960SR	1	Power Cord, 115 VAC, 50/60 Hz, NEMA 5-15 (Model EP3404JB)			
3	DD7045960SR	1	Power Cord, 208/230 VAC, 50/60 Hz, NEMA 6-15 (Model EP3404JI)			
4	4 DD7046960SR 1 Power Cord, 208/240 VAC, 50/60 Hz, CEE 7/7 EHUK (Model EP3404JE)					
Note: It	Note: Item 1 NOT included in power cord kits. Order separately.					



	Repair Parts List for Figure 8				
Item Part Number Qty. Description		Description			
1	B1240503	1	O-Ring, 2-1/8 ID, 0.070 W		
2	DC8228009	1	Dome Plug 1/2"		
3	DD3883028	2	Screw M4 x 10 Thread FRM, TRX		
4	DD6784020	1	End Cap, Front, Machined, Black		
5	DD6990808	1	Grommet, Valve, Rubber, 4/3m		
6	DD6997020	1	Cap, Gauge		
7	DD7002646	2	Hose, Rubber, 9.52 x 15.88 x 50L		
8	DD7017037	1	Gasket, Endcap		
9	DD7021223	1	Sight Gauge		
10	DD7022225	1	Insert, Sight Gage		
12	DD7107305	2	Threaded Rod, M6 x 1.0 x 300 Long		
13	DD7328001	1	Screw, Thread Forming, M4 x 12 Long		
14	DD7331217	1	Cable Tie, Screw Mount		



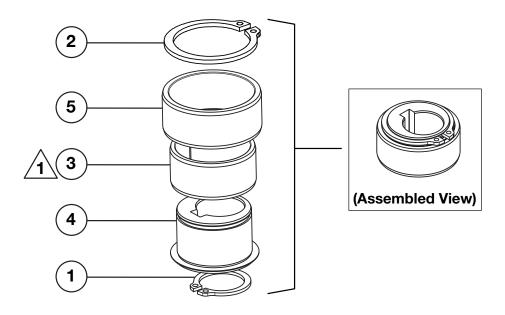
	Repair Parts List for Figure 8A					
Item Part Number Qty. Description						
1	DD7448037	1	Lip Seal, E-Pulse			
2	DD7462037	4 Gasket, 4.0mm Dia x 5.50mm L Cord Stock				
3	3 DD7030037 1 Gasket Tape, 3/16" THK x 1/4" W x 12.25" L					
Note: V	Note: Water Ingress Seal Kit EPWISK1 includes all items listed in the table above.					



	Repair Parts List for Figure 9					
Item Part Number Qty. Description		Description				
6	CAE1060055-1A	12	Acorn Nut M6			
9	CCA1042044-1C	1	Wiper Ring			
10	CCA627028-5A	12 Screw-Set, Flat, HS, M6 x 1 x 35, 45H, Plain				
13	DD7004900	1	Shaft, Sub Assembly			
15	DD7008476	1	Seal, Rotary 17 x 42 x 7			

Figure 9A - Eccentric Kit: DD72575375SR

Eccentric is shipped pre-assembled. Parts shown disassembled for reference purposes only.



Note:

 $\sqrt{1}$ Press fit item 13 onto item 21 with 1100 psi on 10 ton press.

	Repair Parts List for Figure 9A				
Item	Part Number	Qty.	Description		
1	CCA1018044-1A	1	Retaining Ring-Ext., 18mm, STL		
2	CCA1028044-1A	1	Retaining Ring-Ext., 28mm, STL		
3	DD6779350	1	Bearing, Sleeve, 28 x 32 x 15		
4 DD7257537 1			Eccentric (3mm Offset)		
5	DD7261350	1	Race, Cam		
		<u> </u>			

Note: Eccentric Kit DD72575375SR includes all items listed in the table above (pre-assembled).

Figure 9B - Pump Housing Kit: DD7005900SR

Assemble into center hole of pattern.

Press item 1 and 2 together flush as shown. 400 psi using 10 ton press.

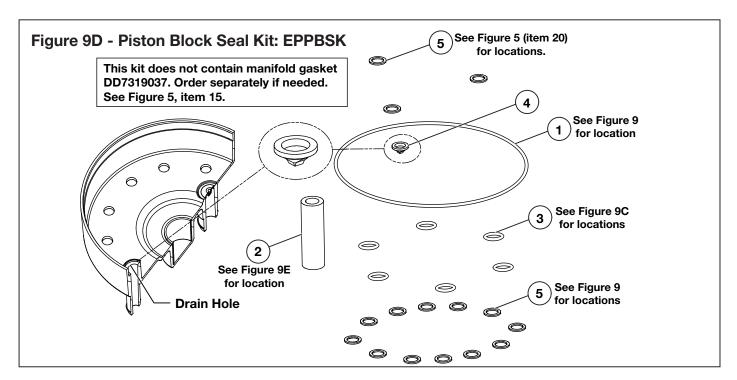
Press using finger.

	Repair Parts List for Figure 9B					
Item	Item Part Number Qty. Description					
1	DD6762001	1	Housing, Pump			
2	2 DD6775039 1 Bushing, 18 x 20 x 20, Housing					
3	3 DD6965661 1 Inlet Check Umbrella Valve, Housing					
Note: F	Note: Pump Housing Kit DD7005900SR includes all items listed in the table above.					

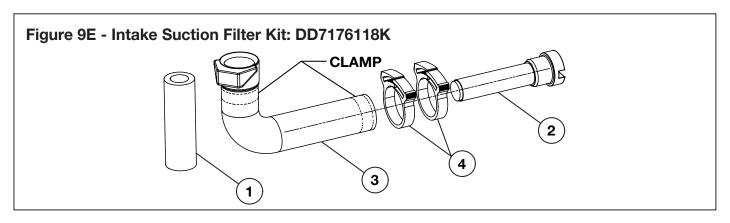
Figure 9C - Piston Block Assembly Kits: DD7230900SR and DD7231900SR Manifold Piston Block O-Ring (Fig. 9D, Item 3) Piston (Ø 9mm or Ø 6mm) (Pump manifold viewed from below) 2 **©** ø 9mm **©** @ Ø 6mm @ **/2**\ 1 Housing **IMPORTANT:** Side with oil port must face toward manifold. **Oil Drain Hole** Flat side must face toward housing.

- Each piston block kit includes 3 piston blocks and 3 piston block O-Rings (Figure 9D, item 3).
- It is recommended that new O-Rings be installed on ALL piston blocks, even if only some of the piston blocks are being replaced.
- A complete set of O-Rings and gaskets is provided in the piston block seal kit (order separately See Figure 9D).
- Refer to Figures 9, 9A, 9B and 9D for torque values and additional assembly instructions.

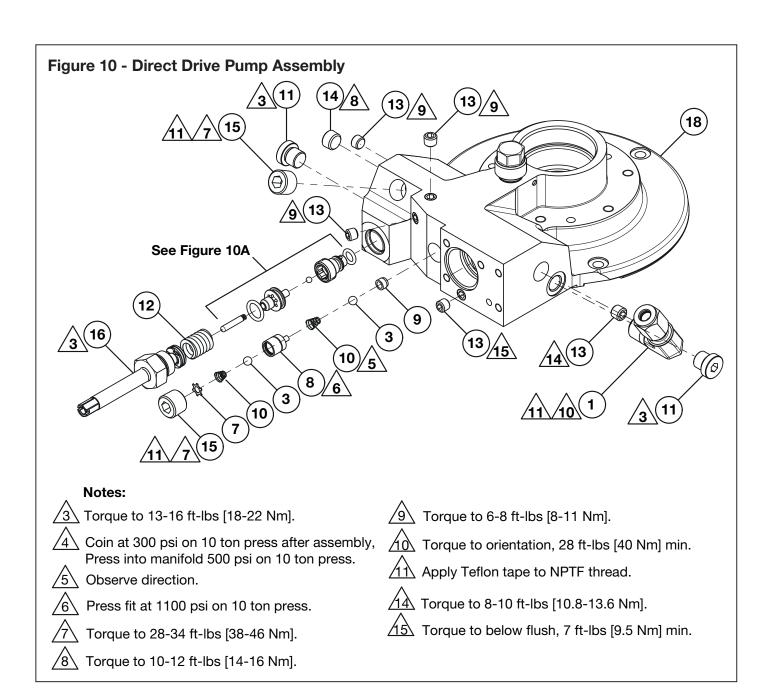
	Repair Parts List for Figure 9C					
Item	Part Number	Qty.	Description			
1	DD7230900SR	3	Piston Block, Ø 9mm			
2	DD7231900SR	3	Piston Block, Ø 6mm			



	Repair Parts List for Figure 9D				
Item Part Number Qty. Description					
1	B1400503	1	O-Ring 4-1/4", 4-3/8", 1/16", NBR, 70 Duro		
2	DD7002646	1	Hose Rubber, 9.52 x 15.88 x 50L		
3	DD7616903	6	O-Ring, Piston Block, Metric, 8 x 2, NBR, 90 Duro		
4	4 DD7603101 1 Valve Mini, Cross-Slit				
5 S3037 12 Gasket					
Note: P	iston Block Seal Kit EPPBS	K include:	s all items listed in the table above.		

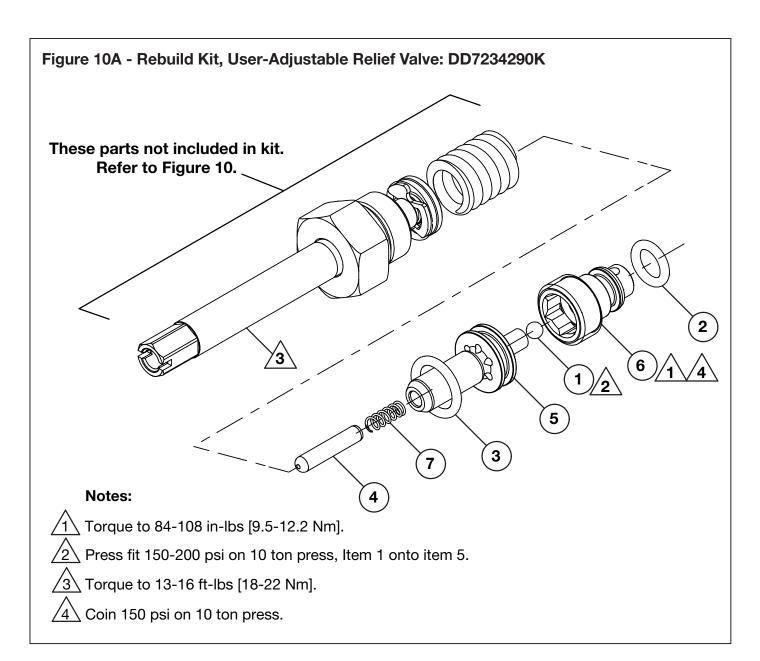


Repair Parts List for Figure 9E					
Item Part Number Qty. Description					
1	DD7002646	1	Hose, Rubber, 9.52 x 15.88 x 50L		
2	DD7176118	1	Filter, In Line		
3	DD7177268	1	Tube, Inlet Filter		
4 DD7222299 2 Clamp, Inlet Filter					
Note: Intake Suction Filter Kit DD7176118K includes all items listed in the table above.					



Repair Parts List for Figure 10					
Item	Part Number	Description			
1	A8033096	1	Elbow Fitting 0.25 NPTF x 0.25 Flareless		
3	B1005016	2	Ball, 3/16 Dia.		
6	BA0210059	1	Dowel Pin 1/8" x 5/8" Long		
7	BSS5356D	1	Retaining Ring		
8	BSS5357D	1	Seat Piston Upper		
9	BSS5358D	1	Seat Piston Lower		
10	BSS5809D	2	Conical Spring		
11	CS236006	2	Plug G1/8 Steel W/Seal		

Repair Parts List for Figure 10 (Continued)					
Item	Part Number	Qty.	Description		
12	DA3282110	1	Spring-Comp., 320 lbs/in		
13	DC6792245	5	PTF-SAE Flush Plug 0.062		
14	DC6793245	1	PTF-SAE Flush Plug 0.125		
15	DC6794245	2	PTF-SAE Flush Plug 0.250		
16	DD6778900	1	Plug Asm. UARV		
18	DD7052900	1	Direct Drive Pump, DMPE		



Repair Parts List for Figure 10A				
Item	Part Number	Qty.	Description	
1	B1003016	1	Ball, 0.125 Dia.	
2	B1010803	1	O-Ring-1/4", 3/8", 1/16", Disogrin, 92 Duro	
3	B1012203	1	O-Ring-3/8", 1/2", 1/16", Viton, 90 Duro	
4	BA0210059	1	Dowel Pin 1/8" x 5/8" Long	
5	DD6780013	1	Ball Guide	
6	DD7234290	1	Ball Seat	
7	PA27110	1	Spring-Comp., 8.30 lbs/in	
Note: Rebuild Kit, User-Adjustable Relief Valve DD7234290K includes all items listed in the table above.				

Figure 11 - 4/3 Manual Valve

4/3 Manual Valve
(See Figures 11A, 11B and 11C)

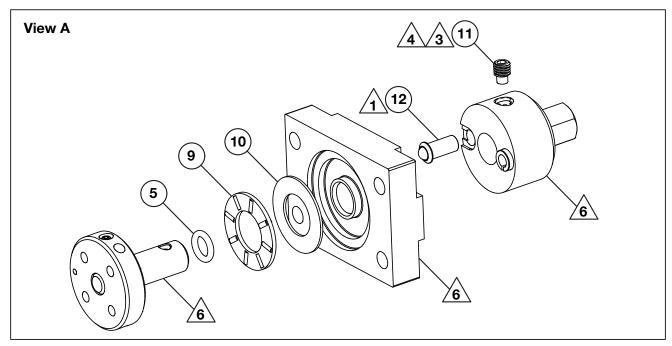
Repair Kits for Figure 11				
Kit Number Qty. Description				
See Figure 11A	1	4/3 Manual Valve Replacement Kit		
See Figure 11B	1	4/3 Manual Valve Rebuilt Kit		
See Figure 11C	1	Valve Manifold Seal Kit		

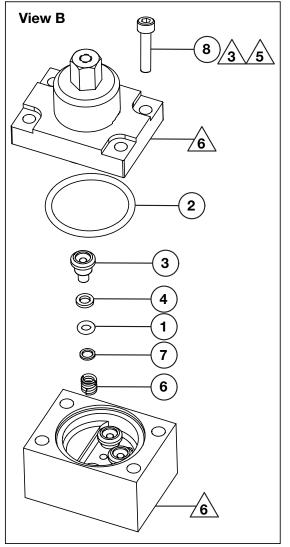
Figure 11A - 4/3 Manual Valve Replacement Kit: XC2MVK **Notes:** Apply Loctite 243. Torque to 55-65 in-lbs [6.2-7.3 Nm]. Assembly order critical: Back-up ring, then O-Ring. **4\/5**\ Torque to orientation, 28 ft-lbs [40 Nm] min. Item 9 is NOT included in kit. Order separately. Apply Teflon tape to NPTF thread.

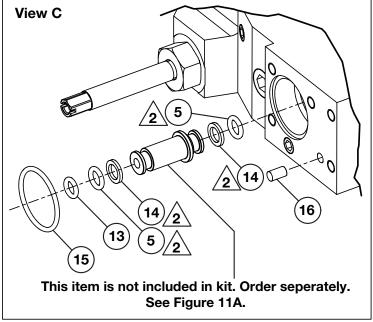
Repair Parts List for Figure 11A				
Item	em Part Number Qty. Description			
1	B1005503	2	O-Ring-1/4", 3/8", 1/16", NBR, 70 Duro	
2	B1009803	1	O-Ring-7/32", 11/32", 1/16", Disogrin, 92 Duro	
3	B1010564	2	Back Up	
4	B1227503	1	O-Ring-15/16", 1-1/16", 1/16", NBR, 70 Duro	
5	CAA411061-2B	1	4mm Dia x 8mm LG Dowel Pin	
6	CCA531028-1A	4	Screw-SHCS, Hex, M5 x 0.8 x 45, 12.9, Plain	
7	DD2996268	1	Transfer Tube, 4/3 Valve, XC	
8	DD5253900	1	4/3 Manual Valve Asm., XC	
9	A8033096	1	Elbow Fitting	
Note: 4/3 Manual Valve Replacement Kit XC2MVK includes items 1 through 8 listed in the table				

above. Item 9 is not included in the kit (order separately).

Figure 11B - 4/3 Manual Valve Rebuilt Kit: XC2MVSK







Notes:

1 Press fit into base.

2 Assembly order critical: Back-up ring first, then O-Ring.

Apply Loctite 243.

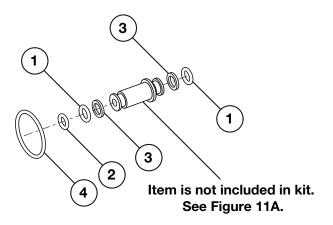
4 Torque to 21-26 in-lbs [2.4-3.0 Nm].

 $\sqrt{5}$ Torque to 55-65 in-lbs [6.2-7.3 Nm].

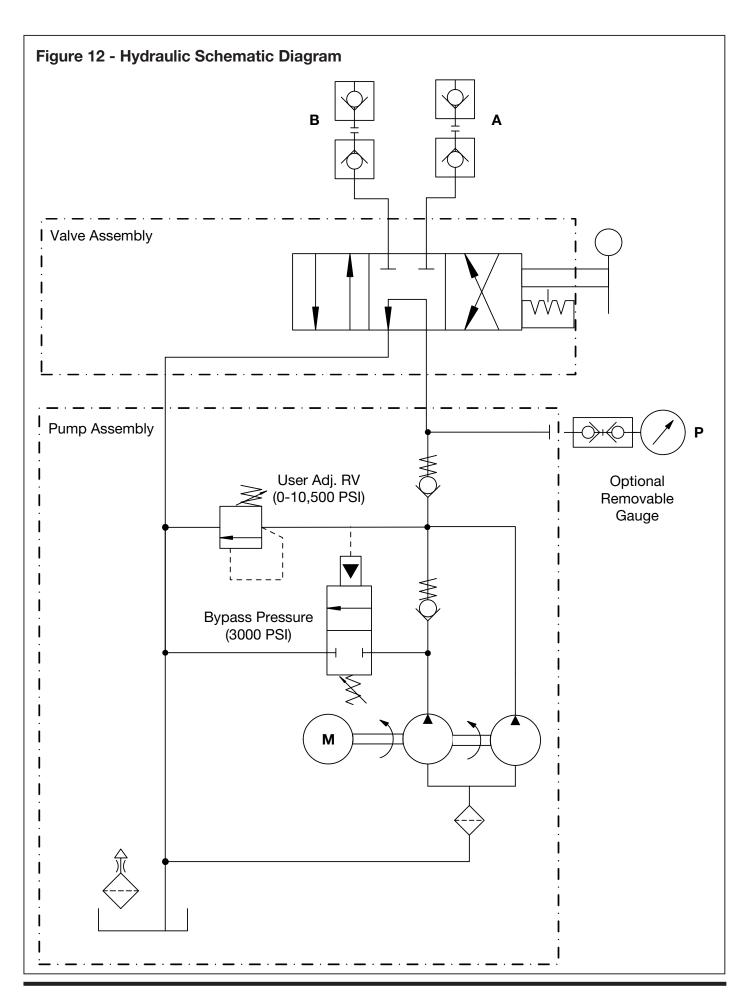
6 Item not included in kit.
Replace entire valve if worn or damaged.

Part Number B1005503 B1259503 DA11071041	Qty. 3 1	Description O-Ring-5/32", 9/32", 1/16", NBR, 70 Duro O-Ring-1-1/4", 1-7/16", NBR, 70 Duro
B1259503 DA11071041	1	
DA11071041	-	O-Ring-1-1//" 1-7/16" NRR 70 Duro
		0-11111g-1-1/4 , 1-1/10 , NDI1, 10 DUIO
	3	Poppet
DA7285566	3	Back-Up Washer (Atlas)
B1005503	3	O-Ring-1/4", 3/8", 1/16", NBR, 70 Duro
DD4446110	3	Spring, 0.25" OD, 0.172 ID XC
DD4464108	3	Shim, ID 0.171 OD 0.241, 4/3 Valve, XC
CCA531028-1A	4	Screw-SHCS, Hex, M5 x 0.8 x 45, 12.9, Plain
CB183155	1	Needle Bearing
CB184155	1	Thrust Race
DD3400027	1	10-32 x 0.25 LG Set Screw, Long PT
DD3421013	1	Detent, Safety Lock, XB
B1009803	1	O-Ring 7/32", 11/32", 1/16", Disogrin, 92 Duro
B1010564	2	Back Up
B1227503	1	O-Ring 15/16", 1-1/16", 1/16", NBR, 70 Duro
CAA411061-2B	1	4mm Dia x 8mm LG Dowel Pin
	DD4446110 DD4464108 CCA531028-1A CB183155 CB184155 DD3400027 DD3421013 B1009803 B1010564 B1227503 CAA411061-2B	DD4446110 3 DD4464108 3 CCA531028-1A 4 CB183155 1 CB184155 1 DD3400027 1 DD3421013 1 B1009803 1 B1010564 2 B1227503 1





Repair Parts List for Figure 11C				
Item Part Number Qty. Description				
1	B1005503	2	O-Ring-1/4", 3/8", 1/16", NBR, 70 Duro	
2	B1009803	1	O-Ring-7/32", 11/32", 1/16", Disogrin, 92 Duro	
3	B1010564	2	Back Up	
4	B1227503	1	O-Ring-15/16", 1-1/16", 1/16", NBR, 70 Duro	
Note: Valve Manifold Seal Kit DD7257537SR includes all items listed in the table above.				



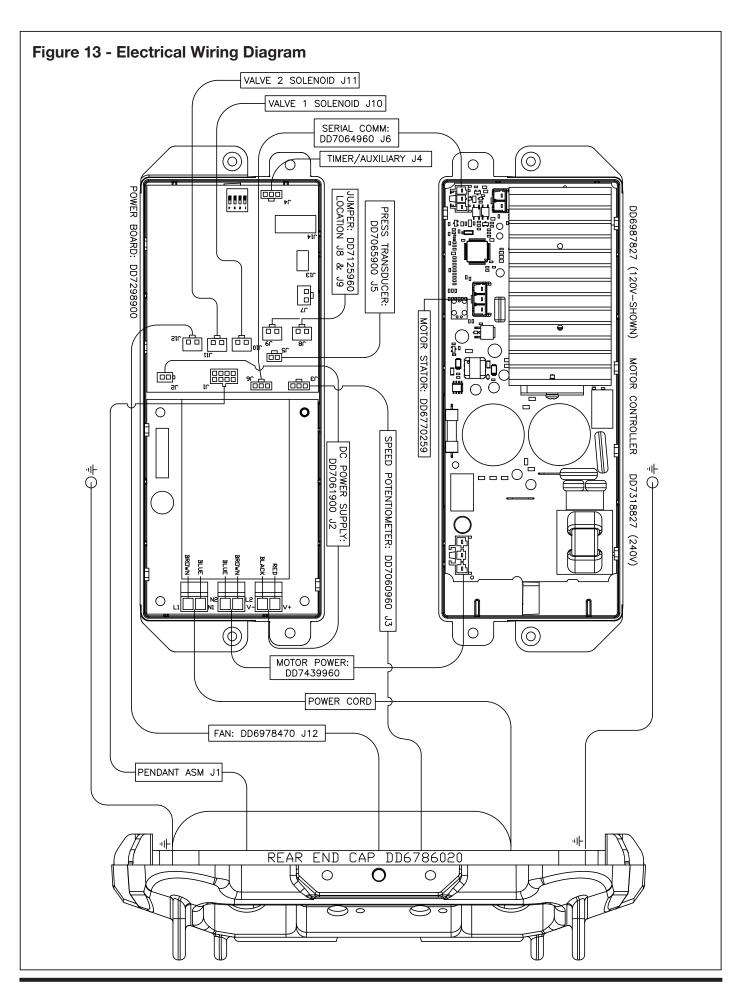
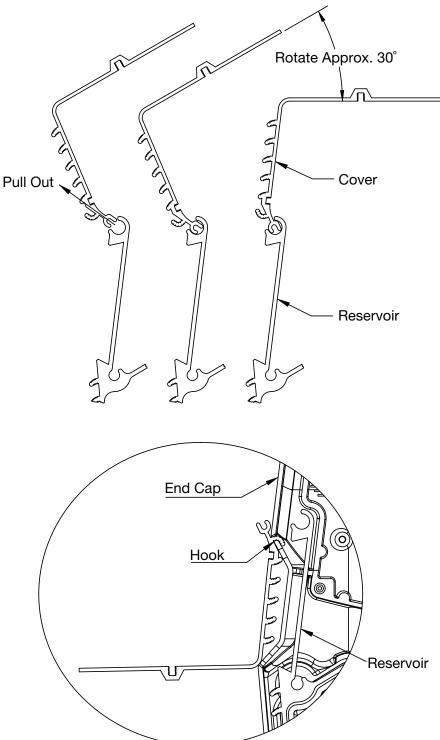


Figure 14 - Pump Cover Removal/Installation Instructions



Removal/installation instructions:

- 1. Remove 2 pump handle screws and washers.
- 2. Remove pump handle.
- 3. Open cover and remove wire connections.
- 4. Rotate cover approximately 30° from closed position.
- 5. Pull cover out as shown.
- 6. Reverse directions for installation. Refer to wiring diagram (Figure 13) and electrical subassembly diagrams (Figures 3 and 4) for wiring and torques.
- 7. Torque handle screws to 42-47 in-lbs [4.7-5.3 Nm].

NOTES:

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