LAT-SERIES BOLTING PUMP REPAIR PARTS SHEET

MODEL LA2504TX-QR

L4403

REV. D

10/21

FOR PRODUCT DATE CODES BEGINNING WITH THE LETTER "A"

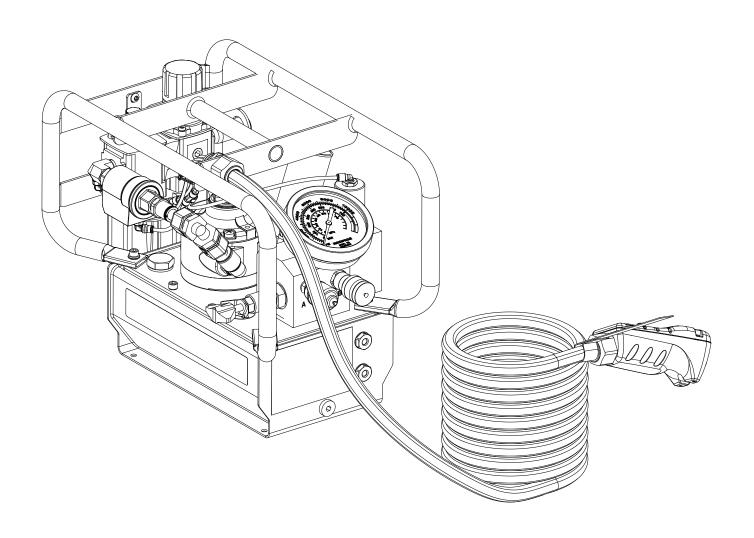


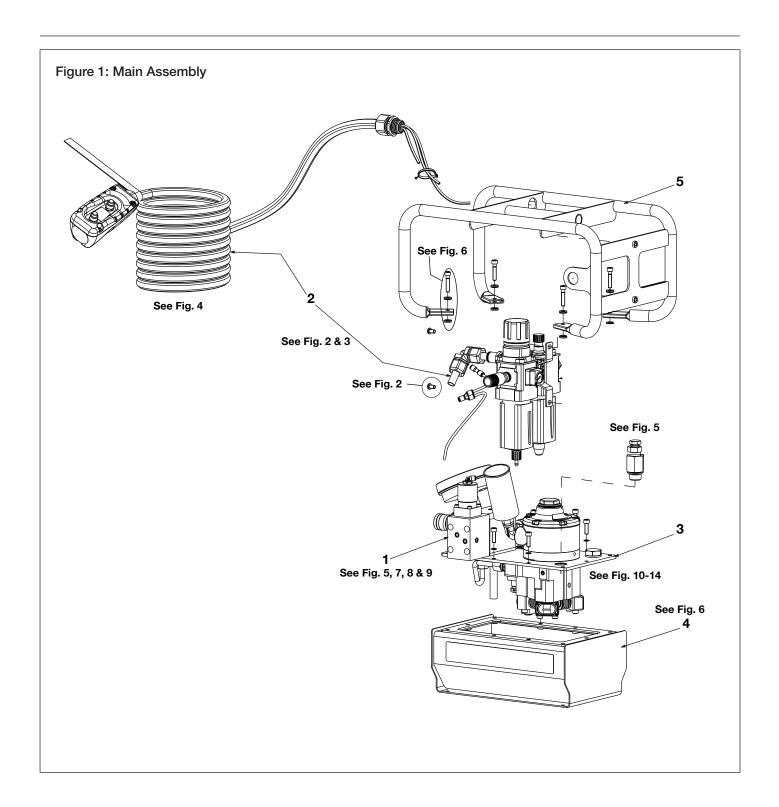


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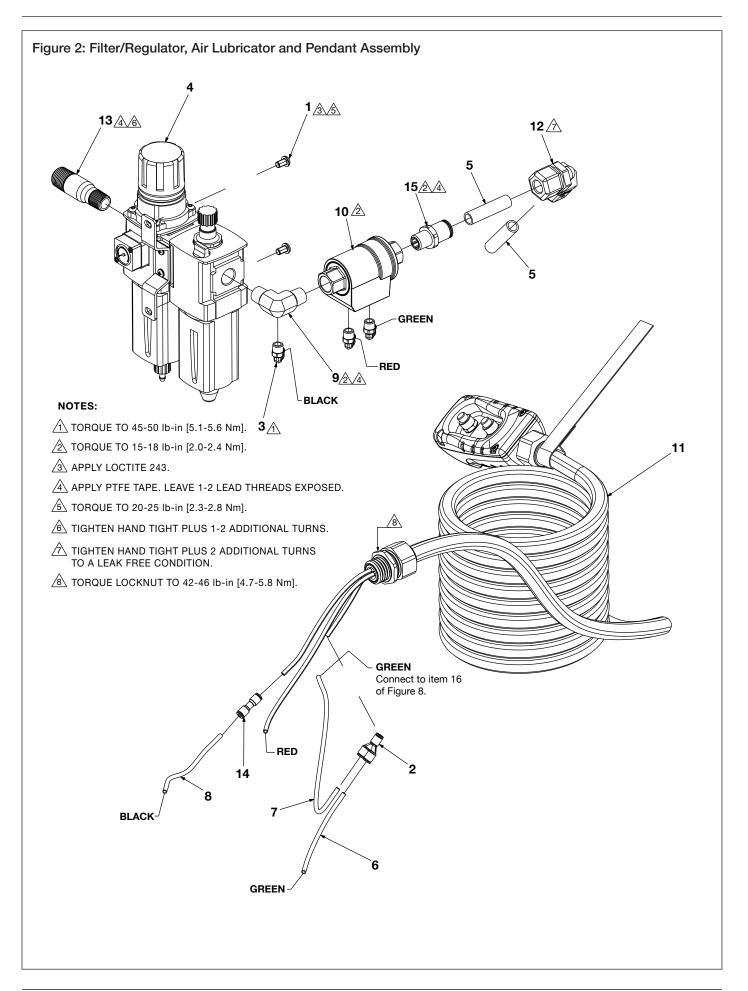
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WARNING Shut off compressed air supply, disconnect air supply line and be sure all hydraulic pressure is completely relieved before performing any disassembly or repair procedures. Verify that hydraulic pressure gauge indicates zero (0) psi/bar.

2

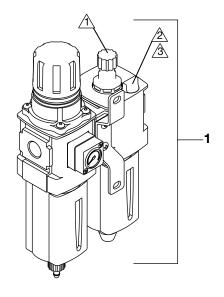


	Repair Parts List for Figure 1								
Item	Part Number	Qty.	Description		Item	Part Number	Qty.	Description	
1	(See Fig. 5 & 7-9)	1	Manifold Assembly		4	(See Fig. 6)	1	Reservoir Assembly	
2	(See Fig. 2 & 3)	1	Air Logic Group		5	▲ DD7816500	1	Weldment, Roll Cage LAT	
3	3 (See Fig. 10-14) 1 Pump Assy, Basic								
▲ I	▲ Item included in Roll Cage Service Repair Kit DD7816500SR.								



	Repair Parts List for Figure 2								
Item	Part Number	Qty.	Description		Item	Part Number	Qty.	Description	
1		2	Screw, BHCS Hex		9	DD7847095	1	Elbow, 3/8" NPTF	
2	DC3574097	1	Y Fem to Fem Conn		10	DD7848660	1	Valve, Air Control	
3	DC8170097	3	Elbow, Swivel		11	(See Fig. 4)	1	Assembly, Air Pendant	
4	(See Fig. 3)	1	Air Filter Reg. Group		12	DD7996097	1	Elbow, 90 Deg Union	
5	DD7760268	2	Tube, 1/2" OD x 2.25" Lg		13	DD8179431	1	Nipple - Swage	
6	DD7842268	1	Air Tube, GRN, Short		14	E112041097	1	Coupling, Air 5/32 Nylon	
7	DD7843268	1	Air Tube, GRN, Long		15	F100097-104	1	Connector, Male 3/8 - 1/2"	
8	DD7844268	1	Air Tube, BLK						
+ Ir	♦ Included in Filter Regulator Lubricator Kit, LATRFLK.								

Figure 3: Filter/Regulator/Air Lubricator Group



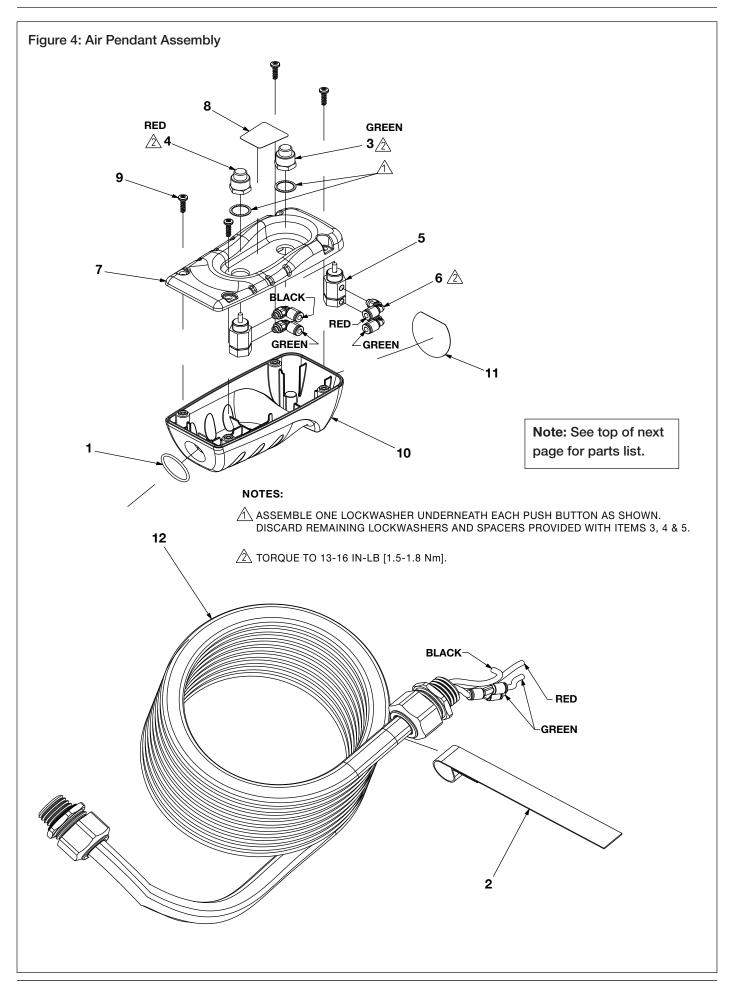
NOTES:

ADJUST LUBRICATOR TO FEED 1 DROP OF OIL FOR EVERY 50 SCFM [1415 L/M] OF AIR WHILE THE UNIT IS RUNNING, OR 1 DROP OF OIL PER CONTINUOUS MINUTE OF RUN TIME. DO NOT OVERFEED OIL OR EXHAUST AIR MAY BE CONTAMINATED.

FILL THE LUBRICATOR RESERVOIR TO THE PROPER LEVEL WITH SAE10W HIGH DETERGENT OR NON-DETERGENT MOTOR OIL.

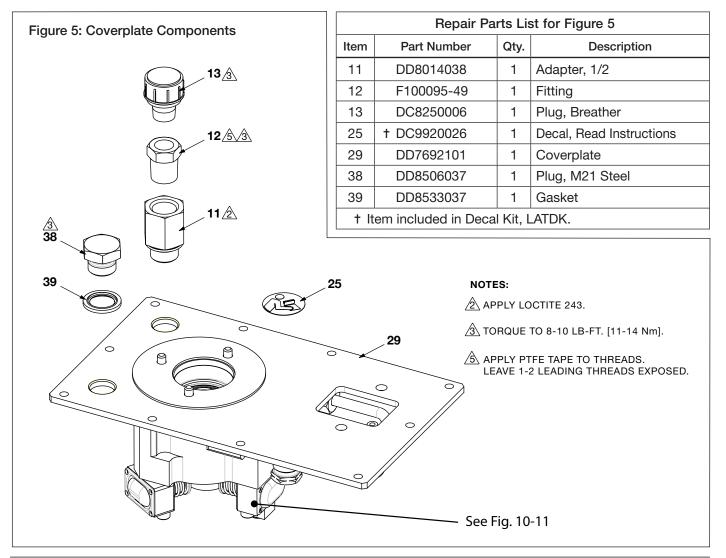
A FOR FOOD PROCESSING APPLICATIONS, USE MOBIL WHITE REX 425 FOOD GRADE MOTOR OIL OR OTHER FDA APPROVED OIL OF EQUIVALANT SPECIFICATIONS.

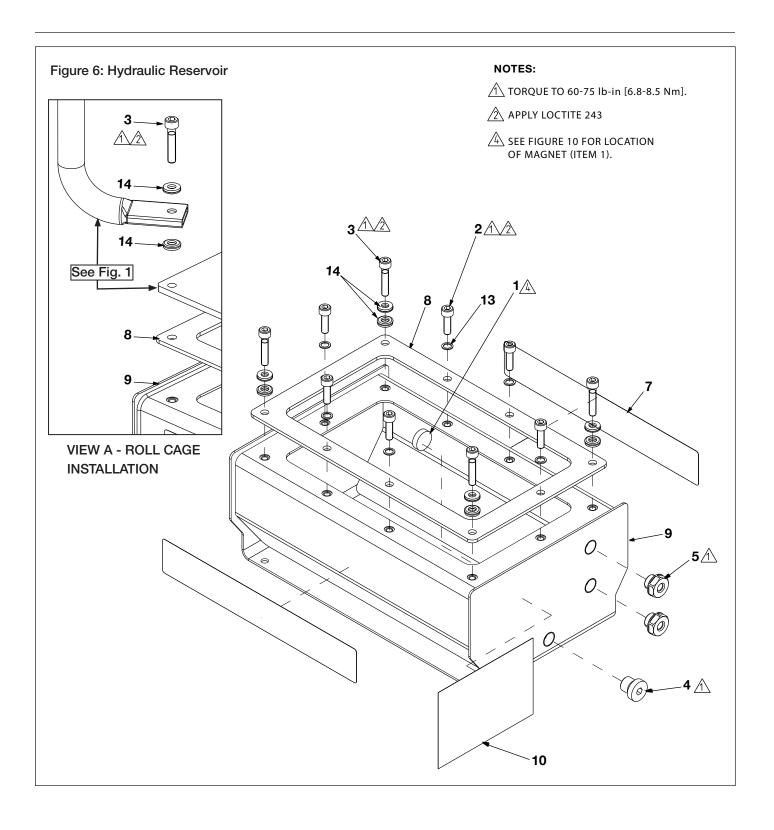
	Repair Parts List for Figure 3								
Item Part Number Qty. Description									
1	1 + DD7646118 1 Filter/Regulator Air Lubricator Group								
♦ Inc	♦ Included in Filter Regulator Lubricator Kit, LATRFLK. Components not sold separately.								



Repair Parts List for Figure 4									
Part Number	Qty.	Description							
☆ ♦ B1227503	1	O-Ring, Round							
♦ DA7570217	1	Cord Strap							
♦ ♦ DC3577379	1	Push Button, Green							
♦ ♦ DC3578379	1	Push Button, Red							
	2	Valve, Push Button							
	4	Elbow, 10 x 5/32"							
☆ ♦ DC8122424	1	Pendant Housing, Upper							
† 🕏 DC8127026	1	Pendant Decal							
☆ ♦ DC9428008	4	Screw, Hi-Lo #8 x 1/2"							
☆ ♦ DC9425424	1	Lower Pendant							
† ☆ ♦ DD1394026	1	Decal, Pressure Relief							
♦ DD7851646	1	Air Tube, Pendant							
	Part Number	Part Number Qty.							

- ♦ Items included in Pendant Service Repair Kit, DD7860900SR.
- tems included in Pendant Housing Kit, LATPHK.
- ltems included in Pendant Push Button Kit, LATPBK.
- 4 Items included in Pendant Push Button Cap Kit, LATPBCK.
- † Items included in Decal Kit, LATDK.



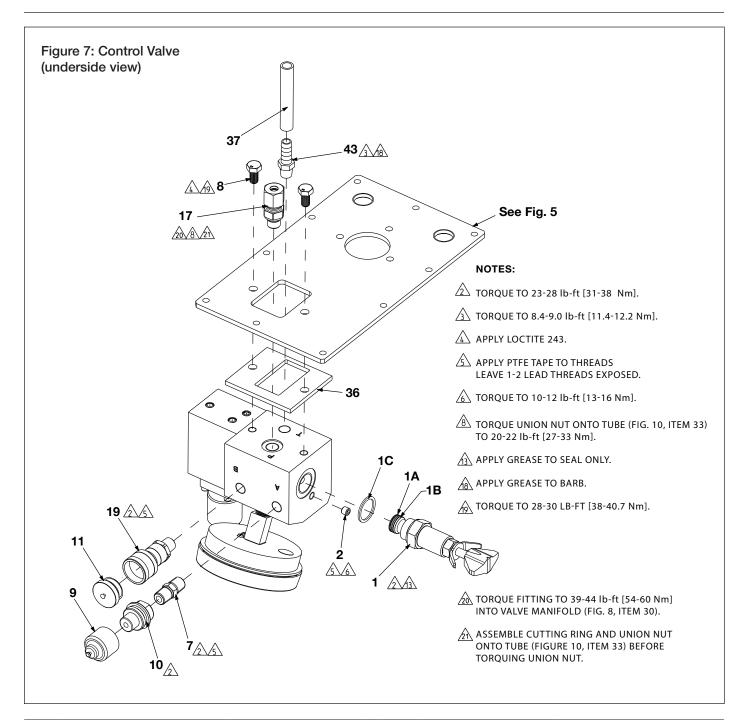


	Repair Parts List for Figure 6								
Item	Part Number	Qty.	Description						
1	❖ C187018	1	Reservoir Magnet						
2	❖ CBE621028-1A	6	SHCS, Hex M6 x 20						
3	❖ CBE625028-1A	4	SHCS, Hex M6 x 30						
4	❖ CS235006	1	Plug, Int. Hex, 1/4" BSPP Steel						
5	❖ DB4519022	2	Oil Level Indicator						
7	† ❖ DC9596026	2	Decal, Enerpac Res						
8	▼❖ DD7737037	1	Gasket, Reservoir						
9	❖ DD7813025	1	Reservoir, Hydraulic LAT						
10	† ❖ DD7997026	1	Decal, Product LAT						
13	★▼ ❖ S3037	6	Gasket						
14	★▲▼ ❖ DD7164108	8	Washer, Sealing						

- ❖ Items included in Reservoir Kit, DD7815900SR.
- ▼ Items included in Reservoir Gasket Kit, LATRGK.
- ▲ Item included in Roll Cage Service Repair Kit DD7816500SR.

 ★ Item included in Pump Seal Kit, LATPSK.

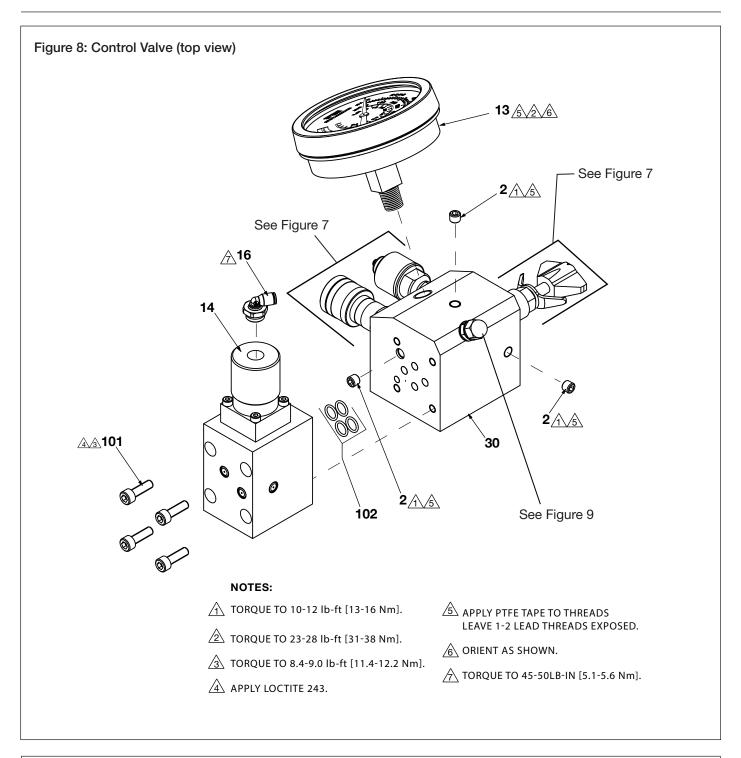
 † Items included in Decal Kit, LATDK.



	Repair Parts List for Figure 7								
Item	Part Number	Qty.	Description		Item	Part Number	Qty.	Description	
1	❖ 45423SR	1	Cartridge, Relief Valve		10	❖ TH630	1	Coupler, Male	
1A	★��B1112903	1	O-Ring		11	DC6629020	1	Dust Cap	
1B	★��B1112564	1	Backup Ring		17	DB2327095	1	Fitting, 1/4" BSP w/nut	
1C	★��DD8666476	1	Alum. Metal Washer		19	❖ TR630	1	Coupler, Female	
2	♦ A1006245	4	Plug, Flush Hex		36	DD8017037	1	Gasket, Valve Manifold	
7	♦ CJ647096	1	Nipple, Pipe 1/4 NPT		37	❖ DD8029268	1	Tubing, Inlet	
8	♦ CBB0819046-1B	2	Screw, HHCS M8 x 16		43	❖ F100097-16	1	Fitting, Hose Barb	
9	DC6187234	1	Dust Cap						
	The state of the s								

+ Items included in Valve Body Service Repair Kit, DD7707038SR. ★ Item included in Pump Seal Kit, LATPSK.

❖ Items included in Valve Service Repair Kit, DD7710900SR. ❖ Items included in UARV Seal Kit LATUARVSK.

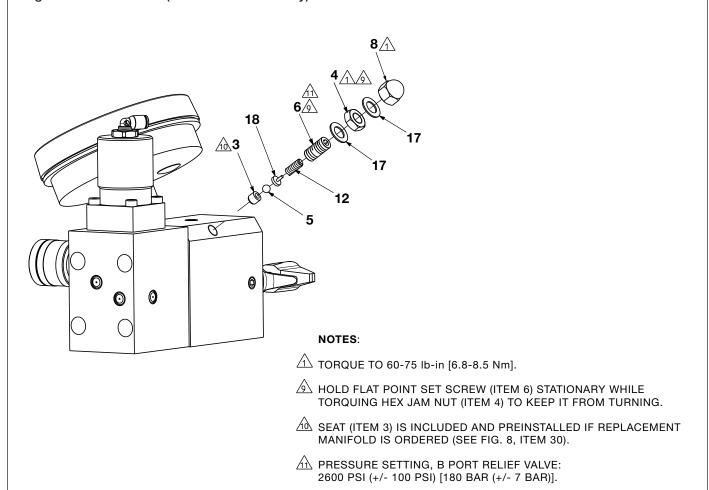


	Repair Parts List for Figure 8							
Item	Part Number	Qty.	Description		Item	Part Number	Qty.	Description
2	❖ A1006245	4	Plug, Flush Hex		30	❖ DD7077038	1	Manifold, Valve
13	★ ❖DD6988223	1	Gauge		101	★* CCZ627028-1A	4	SHCS, M6 x 1", 35 mm
14	★♦ DD7578660	1	Valve, Pneumatic Op		102	■ ♦ B1012803	4	O-Ring
16	★♦ DD8024097	1	Elbow G1/4 x 5/32"					

- + Items included in Valve Body Service Repair Kit DD7707038SR.

 Items included in Valve Seal Kit, LATVSK.
- ★ Items included in Pneumatic Solenoid Valve Kit, DD7578660SR. ★ Items included in Gauge Kit, LATGK.
- ❖ Items included in Valve Service Repair Kit DD7710900SR.

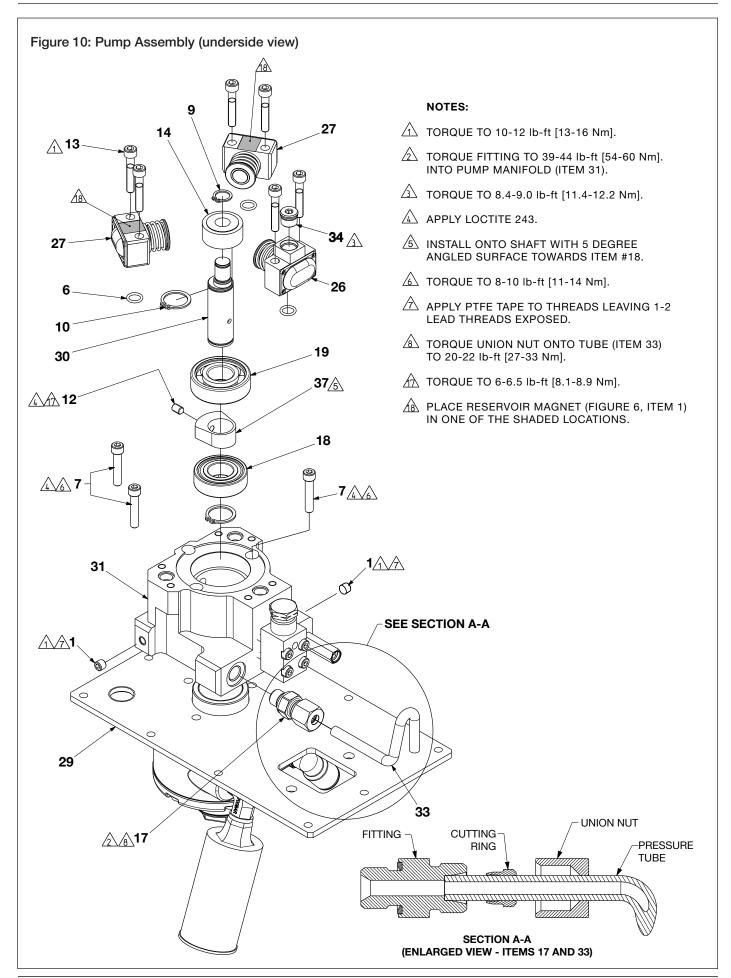
Figure 9: Control Valve (B-side relief assembly)



Repair Parts List for Figure 9								
Item	Part Number	Qty.	Description					
3	+ * A8015290	1	Seat					
4	※ ❖ B1004124	1	Nut, Jam					
5	※ ❖ B1005016	1	Ball, 0.188					
6	❖ BF3110027F	1	Set Screw					
8	※ ❖ DC5625055	1	Nut, Acorn					
12	※ ❖ DC6632110	1	Spring					
17	% ❖ G909167	1	Gasket					
18	% ❖ K1013	1	Guide					

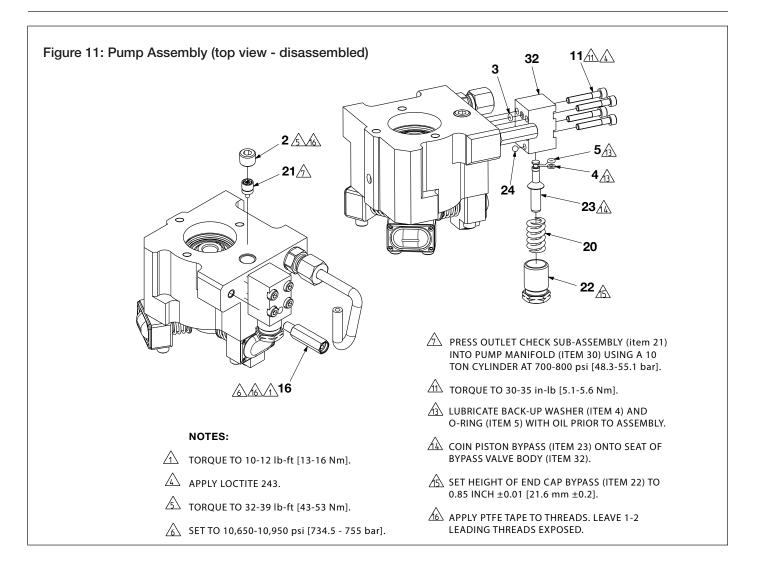
- + Items included in Valve Body Service Repair Kit, DD7707038SR.
- ❖ Items included in Valve Service Repair Kit, DD7710900SR.

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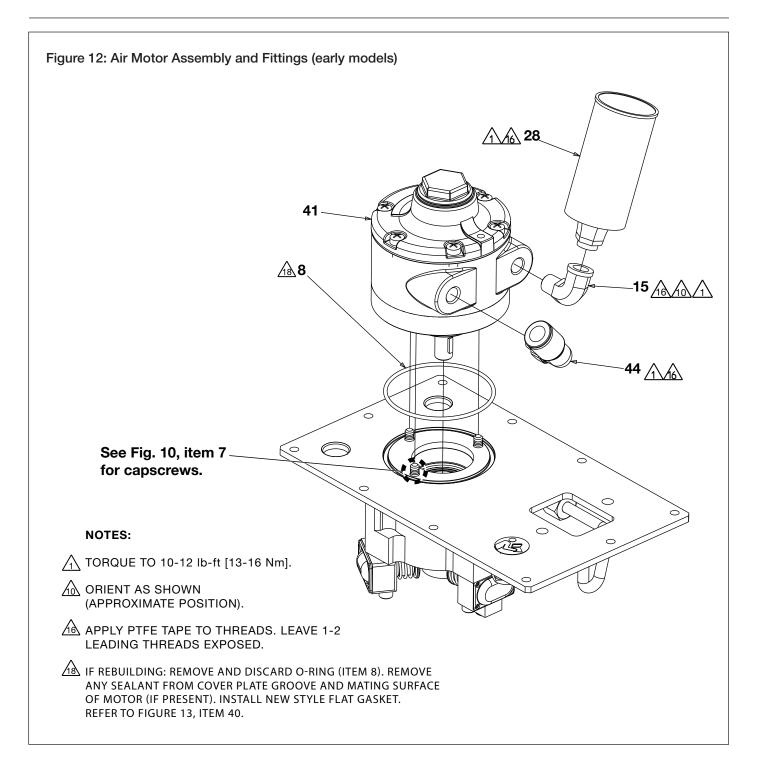
	Repair Parts List for Figure 10								
Item	em Part Number		Qty.	Description					
1	*	A1006245	2	Plug, Flush, Hex, 27mm Steel, Teflon					
6	* ••*	B1012803	3	O-Ring-Round, 0.375, 0.500, 0.063 Disogrin, 92					
7	*	B1013028	3	Screw, SHCS, HS, 1/4-20, 1 1/4" long					
9	◆ *	CCA1012044-1A	1	Retaining Ring, Ext, 20mm, Steel					
10	*	CCA1020044-1A	2	Retaining Ring, Ext 12mm, Steel					
12	*	CCA615028-5C	1	Screw, Set, Cone, HS, M6 x 10					
13	◊•• *	CCA627028-1A	6	Screw, SHCS, Hex, M6 x 35.0, Steel					
14	* *	CW302107	1	Bearing					
17	*	DB2327095	1	Fitting, 1/4" BSPP, 8S w/Nut/Ring 800 Bar					
18	*	DBS0005155-2	1	Bearing					
19	*	DBS0005155-3	1	Bearing					
26) *	DD1449051SR	1	Piston Block, 14mm					
27	(*	DD1450051SR	2	Piston Block, 6mm					
29		DD7692101	1	Cover Plate					
30	◆ *	DD7720537	1	Eccentric Shaft					
31	*	DD7721190	1	Pump Manifold					
33	*	DD7751268	1	Pressure Tube, 8 x 2					
34) *	DD7911006	1	Plug, Zero Leak Gold, 1/2"- 20					
37	*	DY3858186	1	Counterbalance Spacer					

- * Items included in Pump Element Service Repair Kit, DD7726900SR.
- Items included in High Pressure Piston Block Kit, LATHPPBK.
- ▶ Items included in Low Pressure Piston Block Kit, LATLPPBK.
- ♦ Items included in Piston Block Bolt Kit, LATPBBK.
- ◆ Items included in Eccentric Shaft Kit, LATESK.
- ★ Item included in Pump Seal Kit, LATPSK.

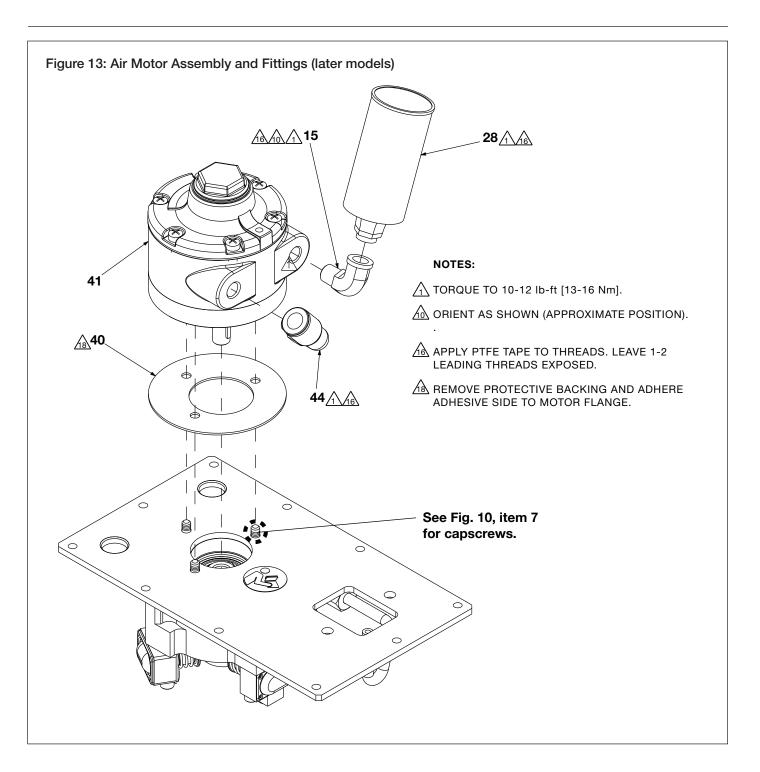


Repair Parts List for Figure 11							
Item	Item Part Number Qty.		Description				
2	* A1008245	1	Plug, Flush, Hex 18mm Steel, Teflon				
3	☆★② * B1005803	2	O-Ring-Round, 0.0894, 0.219, 0.063, Disogrin, 92				
4	☆★◇ * B1006564	1	Back Up, Split, 0.235, 0.250, 0.063 Disogrin, 92				
5	☆★② * B1006803	1	O-Ring-Round, 0.125, 0.250, 0.063 Disogrin, 92				
11	☆ ◆* CCA525028-1A	4	Screw, SHCS, Hex, M5 x 30.0				
16	* DA8802900SR	1	Relief Valve Assembly (Factory pre-set to 10,650-10,950 psi)				
17	* DB2327095	1	Fitting, 1/4" BSPP, 8S w/Nut/Ring 800 Bar				
18	* DBS0005155-2	1	Bearing				
19	* DBS0005155-3	1	Bearing				
20	☆ * DC394110	1	Bypass Spring				
21	* DC7904900SR	1	Outlet Check Sub Assembly				
22	☆ * DC8374020	1	End Cap, Bypass				
23	☆ * DC9292051	1	Piston Bypass, Parametric				
24	☆★◇ * DC9293016	1	Ball, Nylon, 3/16"				
32	☆ * DD7722190	1	Valve Body, Bypass				
V	W. Hame included in Pump Flament Service Pensix Kit. DD77960005D						

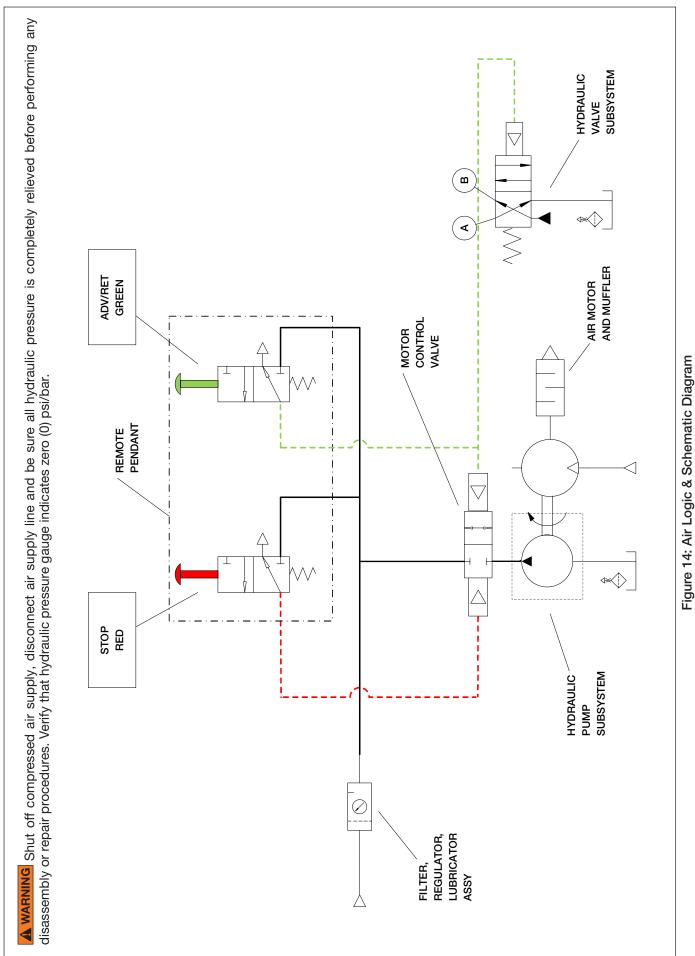
- * Items included in Pump Element Service Repair Kit, DD7726900SR.
- Item included in Bypass Seal Kit, LATBPVSK.



	Repair Parts List for Figure 12							
Item	Part Number	Qty.	Description					
8	See Note 🔬 (above)	1	O-Ring, Air Motor					
15	ODA1840095	1	Pipe Elbow, 90 Degree					
28	OD7684116	1	Muffler, Air Motor					
41	O DY3828259	1	Motor, Air Driven					
44	© F100097-61	1	Connector, NPTF Male					
O It	Utems included in Motor Service Kit, LATMTR.							



Repair Parts List for Figure 13			
Item	Part Number	Qty.	Description
15	ODA184095	1	Pipe Elbow, 90 Degree
28	OD7684116	1	Muffler, Air Motor
40	ODB533037	1	Gasket, Motor LAT
41	O DY3828259	1	Motor, Air Driven
44	\$ F100097-61	1	Connector, NPTF Male
ltems included in Motor Service Repair Kit, LATMTR.			



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