

ENERPAC



POWERFUL SOLUTIONS. GLOBAL FORCE.

Repair Parts Sheet

ATP-1500 1500 Bar Air-Hydraulic Pump

L3065 Rev. A 03/11

For Date Codes Beginning with the Letter "B"

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.



Notes:

- ① Torque to 28-32 ft-lbs [38-43 Nm].
- ② Thread item 48 onto tubing (item 45 or 46) until 1-1/2 to 2 threads on tubing (item 45 or 46) are showing.
- ④ Torque to 20-25 in-lbs [2,2-2,8 Nm].
- ⑤ Torque to 30-35 ft-lbs [40,6-47,0 Nm].
- ⑥ Tighten item 65 using ratchet tool (McMaster Carr #5188K33).
- ⑦ Secure item 49 to gauge flange with item 32.
- ⑧ Remove paper on back of item 66 and secure to item 56.
- ⑨ Torque to 6-10 in-lbs [0,6-1,1 Nm].
- ⑩ Apply Loctite 242 to threads before installation.
- ⑬ Apply Loctite 545 to threads before installation.
- ⑭ Torque to 10-15 ft-lbs [14-20 Nm].
- ⑮ Apply Loctite 242. Torque to 120-140 in-lbs [15-18 Nm].
- ⑯ Apply Teflon tape to threads of shipping plug.

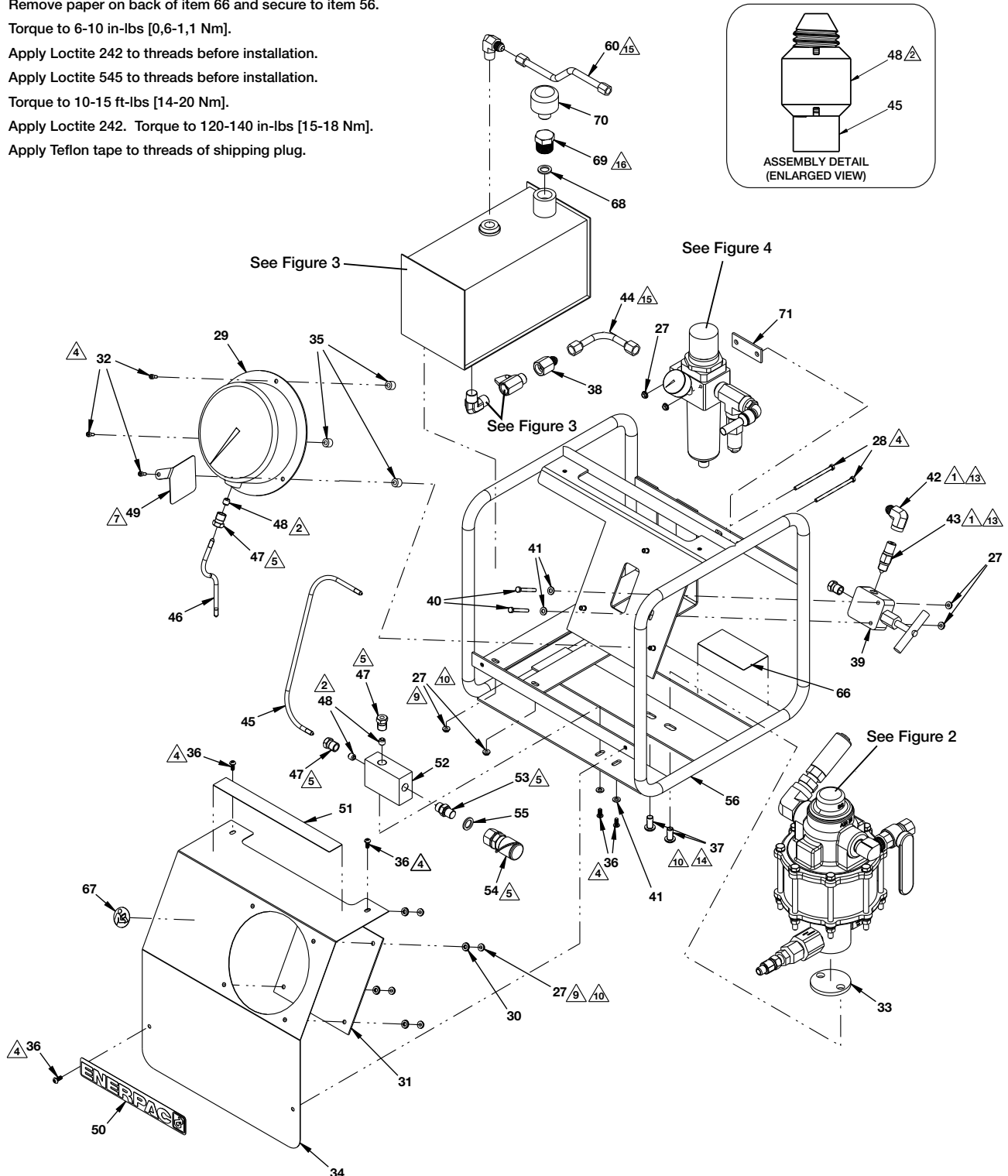
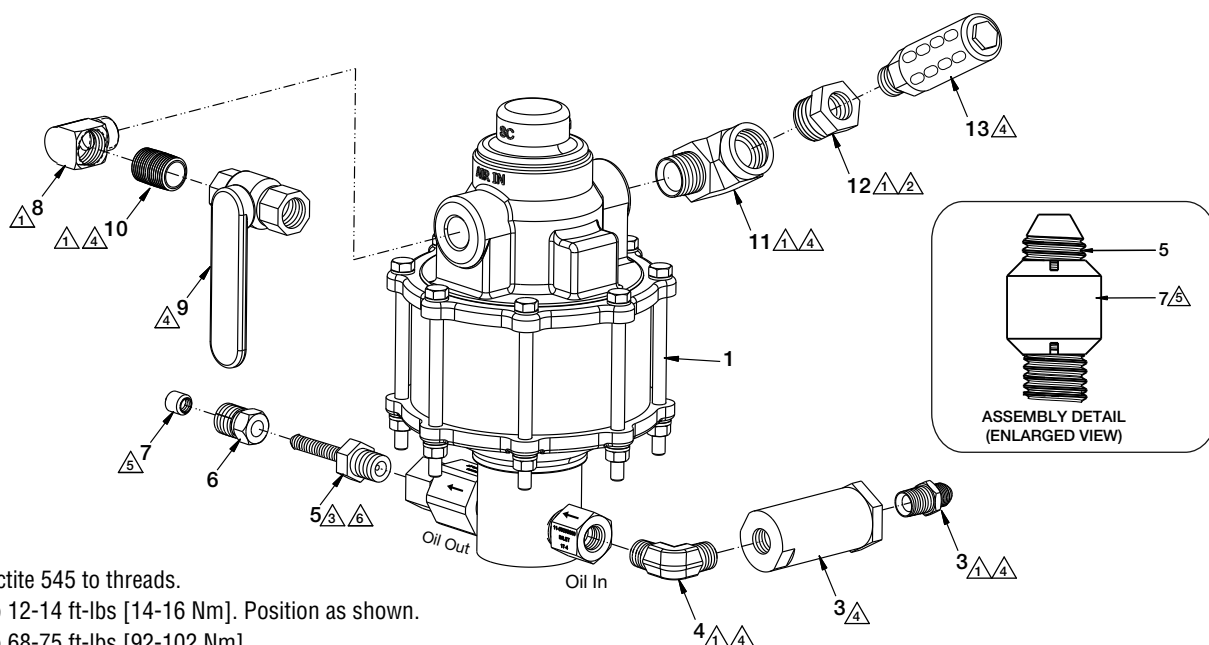


Figure 1, Pump Main Assembly

Repair Parts List (Refer to figure 1)							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
6	F157021	1	HP Nut, 3/8	45	DD1002268	1	Tubing, High Pressure
27	DD1004122	12	Nut, M5 Serrated	46	DD1003268	1	Tubing, High Pressure
28	CBE543046-1A	2	Screw Hex Hd M5 x 70mm	47	F160021	4	Nut, 1/4 HP
29	DD1018223	1	Gauge, Hyd. Pressure	48	F162232	4	Sleeve, 1/4
30	DC1063108	4	Washer, Sealing	49	DD1006226	1	Label, Operation
31	DD1005689	1	Guard, Hyd. Press. Gauge	50	G995026	1	Decal, Enerpac
32	CBE415028-1A	3	Screw, M4 x 10mm	51	DC7812026	1	Decal, Warning
33	DD1014097	1	Spacer, Celcon (pump)	52	DC8493690	1	Port Block
34	DD1349242	1	Shroud (late style)	53	DC8505038	1	Adaptor
36	CBE515028-1E	6	Screw, M5 Button Head	54	DC7495034	1	Coupler
37	DD1098046	2	Screw, Button Head 3/8	55	DC10159037	1	Bonded Seal
38	F100094-117	1	Connector, 3/8 NPT Tube	56	DD1345201	1	Roll Frame (late style)
39	DC8508662	1	Pressure Release Valve	60	DD1347268	1	Tube Assembly
40	CBE529046-1A	2	Screw, M5 Hex Head 40mm	66	DD1015126	1	Nameplate
41	CAE1060108-1A	6	Washer, Flat	67	DC9920026	1	Decal, Read Manual
42	F100094-127	1	Elbow, 3/8 Tube	68	DD1445118	1	Strainer Washer
43	DC8514038	1	Adaptor, 1/4HP x 1/4NPT	69	DD1451095	1	Hex Plug (for shipping only)
44	DD1348268	1	Tube Assembly	70	DD1444024	1	Vent Cap



Notes:

- ① Apply Loctite 545 to threads.
- ② Torque to 12-14 ft-lbs [14-16 Nm]. Position as shown.
- ③ Torque to 68-75 ft-lbs [92-102 Nm].
- ④ Torque to hand tight plus 1-1/2 to 2 turns. Position as shown.
- ⑤ Thread item 7 onto item 5 until 1-1/2 to 2 threads show on item 5.
Note: Items 5 and 7 have left-hand threads.
- ⑥ Apply Teflon tape to threads.

Filter information (item 3):

- Filter Element, 90 micron - Arrow part number EK9052V-90.
- Spring Kit - Arrow part number SK9052.

For ordering information, go to www.arrowpneumatics.com.

Figure 2, Pump Element Subassembly

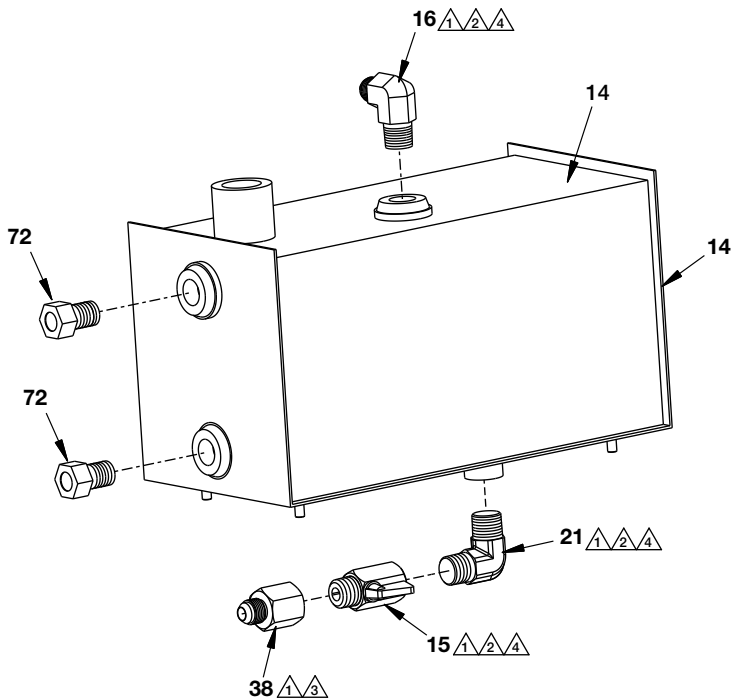
Repair Parts List (Refer to figures 2, 3 and 4)

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	★*DC8506221	1	Pump Element Assy	15	DC8507662	1	Shutoff Valve
2	F100094-19	1	Adaptor, 3/8 NPT	16	F100094-4	2	Elbow, Male
3	DD1013118	1	Filter, Inline (with element)	17	DC8526118	1	Assembly, Filter-Regulator
4	CJ456096	1	Elbow, 3/8	18	A1010245	1	Pipe Plug, 1/2
5	DC8495097	1	Adaptor	19	DD1022095	1	Elbow, 45 degree 1/8
6	F157021	1	HP Nut, 3/8	20	DC8527223	1	Gauge, Air Pressure
7	F73232	1	Sleeve, 3/8	21	CJ56096	1	Elbow, Male
8	DD2604095	1	Elbow, Pipe	22	DC8097095	1	Nipple, 1/2 NPT
9	DD1010662	1	Ball Valve	23	DA1234095	1	Tee, 1/2 NPT
10	DD2603431	1	Nipple, Brass	24	DC8511663	1	Safety Relief Valve
11	F100095-45	1	Elbow, 3/8	25	DC8509095	1	Elbow, Swivel 1/2 NPT
12	F100095-50	1	Reducer	26	DC8520646	1	Tubing, (0.2 ft. long)
13	DD1009116	1	Air Muffler	72	DD1446223	2	Sight Glass
14	DD1346025	1	Reservoir				

★ For "oil side" pump element repair kit, order item DC8506221OILSR.

* For "air side" pump element repair kit, order item DC8506221AIRSR.

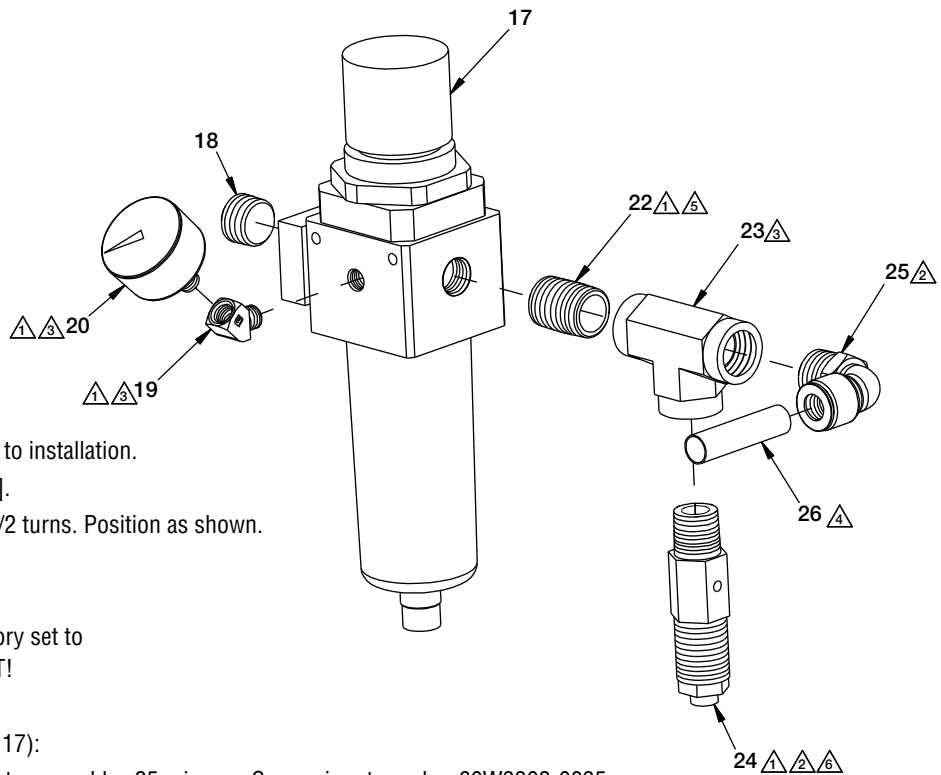
Note: Item 1 includes a complete pump element assembly, including hydraulic pump and air motor.



Notes:

- △1 Position fitting as shown.
- △2 Apply Loctite 545.
- △3 Torque to 27-33 Ft-Lbs. [37-44 Nm].
- △4 Torque to 27-33 Ft-Lbs. [37-44 Nm] minimum.

Figure 3, Reservoir Subassembly



Notes:

- △1 Apply Loctite 545 to threads prior to installation.
- △2 Torque to 20-22 ft-lbs [27-30 Nm].
- △3 Torque to hand tight plus 1 to 1-1/2 turns. Position as shown.
- △4 Push until bottomed out.
- △5 Hand tighten.
- △6 **Important:** Safety relief valve factory set to 90 PSI [6,2 bar]. DO NOT ADJUST!

Filter/Regulator information (item 17):

- Bowl filter element and baffle plate assembly, 25 micron - Camozzi part number 60W3302-0035.
- Bowl filter element only, 25 micron - Camozzi part number 70-3302-0034.
- Auto drain bowl assembly - Camozzi part number C238-F11/3.

For ordering information, go to www.camozzi.com.

Figure 4, Air Line Subassembly

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