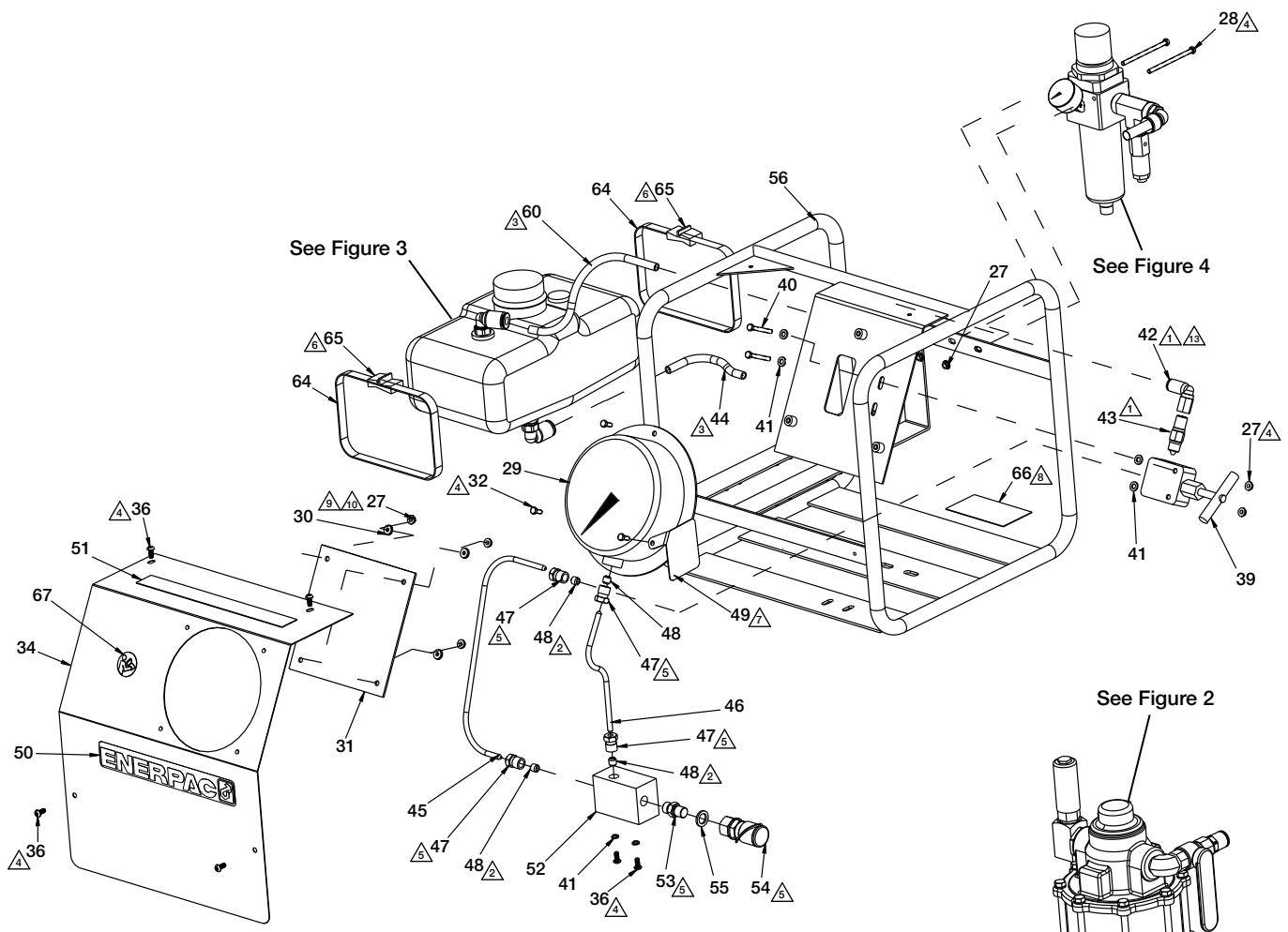


**To Protect Your Warranty, Use Only ENERPAC Hydraulic Oil.**

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.
- ⑪ Apply Loctite 545 to threads before installation.
- ⑬ Torque to 10-15 ft-lbs [14-20 Nm].

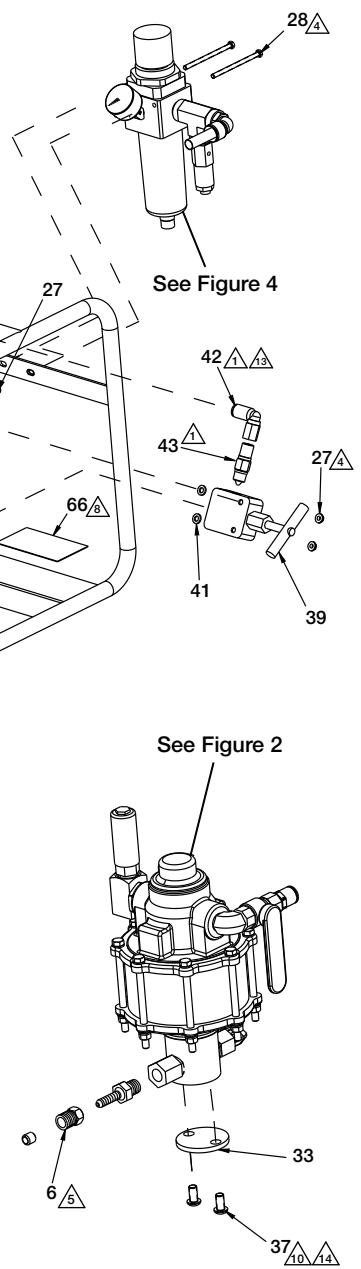
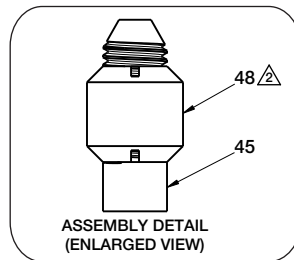


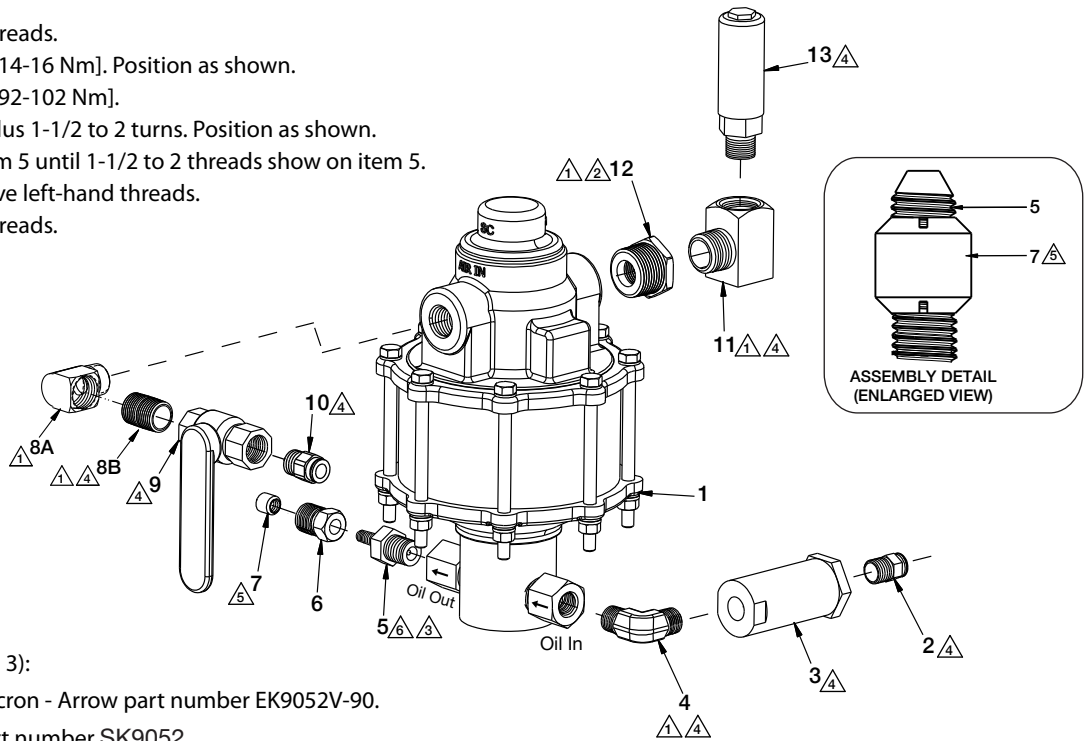
Figure 1, Pump Main Assembly

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	8	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	DD1017037	1	Bonded Seal
39	DC8508662	1	Pressure Release Valve	56	◆ DD1345101	1	Roll Frame (late style)
40	CBE529046-1A	2	Screw, M5 Hex Head 40mm	60	CM673268	1	Tubing, 3/8 OD (0.9 ft. lg.)
41	CAE1060108-1A	6	Washer, Flat	64	DD1012217	2	Strap (2 ft. lg. each)
42	DD1096095	1	Elbow, 1/4 NPTF x 3/8 OD	65	DD1011299	2	Clamp
43	DC8514038	1	Adaptor, 1/4HP x 1/4NPT	66	DD1015126	1	Nameplate
44	CM673268	1	Tubing 3/8 OD (0.5 ft. long)	67	DC9920026	1	Decal, Read Manual

◆ Pumps with date code "A": Original equipment shroud (item 34) and roll frame (item 56) must be replaced as a set if either component is damaged. Order late style shroud and roll frame. Early style shroud and roll frame not available.

**Notes:**

- △ Apply Loctite 545 to threads.
- △ Torque to 12-14 ft-lbs [14-16 Nm]. Position as shown.
- △ Torque to 68-75 ft-lbs [92-102 Nm].
- △ Torque to hand tight plus 1-1/2 to 2 turns. Position as shown.
- △ 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.
- △ 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](http://www.arrowpneumatics.com).

**Figure 2, Pump Element Subassembly**

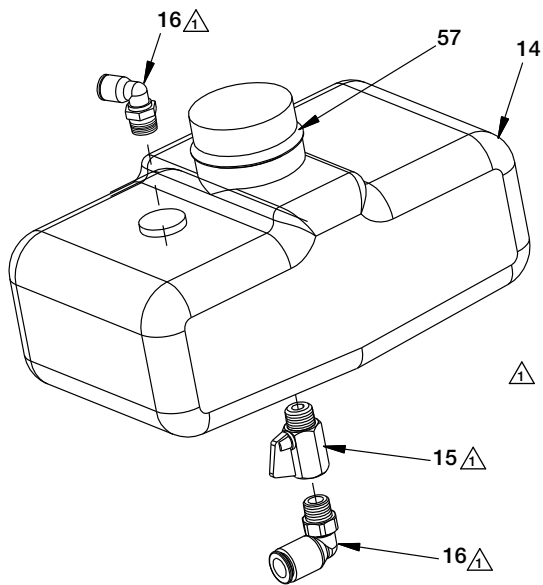
**Repair Parts List (Refer to figures 2, 3 and 4)**

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	★*DC8506221	1	Pump Element Assy	14	DD1001025	1	Reservoir
2	F100094-19	1	Adapter, 3/8 NPT to 3/8 37° Flare	15	DC8507662	1	Shutoff Valve
3	DD1013118	1	Filter, Inline (with element)	16	DC8517095	2	Elbow, Swivel, 3/8 x 3/8 OD
4	CJ456096	1	Elbow, 3/8	17	DC8526118	1	Assembly, Filter-Regulator
5	DC8495097	1	Adaptor	18	A1010245	1	Pipe Plug, 1/2
6	F157021	1	HP Nut, 3/8	19	DD1022095	1	Elbow, 45 degree 1/8
7	F73232	1	Sleeve, 3/8	20	DC8527223	1	Gauge, Air Pressure
8A	DD2604095	1	Elbow, Pipe	22	DC8097095	1	Nipple, 1/2 NPT
8B	DD2603431	1	Nipple, Brass	23	DA1234095	1	Tee, 1/2 NPT
9	DD1010662	1	Valve, Ball	24	DC8511663	1	Safety Relief Valve
10	DD1008095	1	Connector, 1/2 NPT x 1/2 OD	25	DC8509095	1	Elbow, Swivel 1/2 NPT
11	F100095-45	1	Elbow, 3/8	26	DC8520646	1	Tubing, (0.2 ft. long)
12	F100095-50	1	Reducer	57	DD1024226	1	Label, Vent Cap
13	DD1009116	1	Air Muffler				

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

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

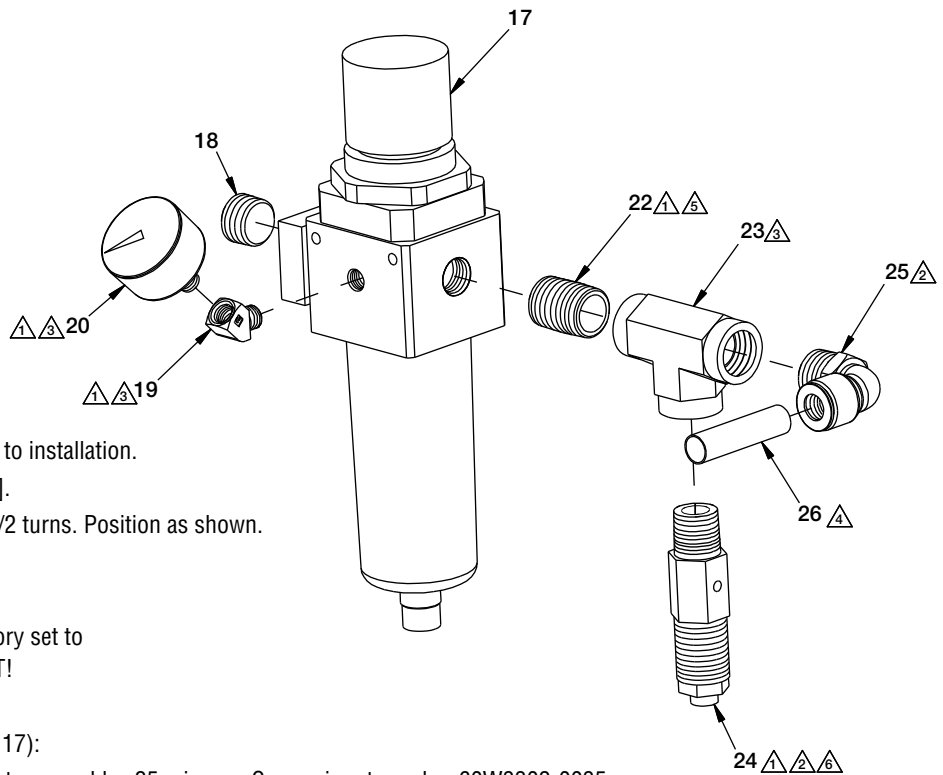
**Note:** Item 1 includes a complete pump element assembly, including hydraulic pump and air motor.



**Note:**

⚠ Torque to hand tight and then 1 to 1-1/2 turns.  
To prevent plastic thread damage, DO NOT OVERTIGHTEN.

**Figure 3, Reservoir Subassembly**



**Notes:**

- ⚠ Apply Loctite 545 to threads prior to installation.
- ⚠ Torque to 20-22 ft-lbs [27-30 Nm].
- ⚠ Torque to hand tight plus 1 to 1-1/2 turns. Position as shown.
- ⚠ Push until bottomed out.
- ⚠ Hand tighten.
- ⚠ **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](http://www.camozzi.com).

**Figure 4, Air Line Subassembly**

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◆ internet: [www.enerpac.com](http://www.enerpac.com)

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