

Pow'r Riser Lifting Jacks PR Series - 100 Ton Air Models

L54722 Rev. J 06/24

For Date Codes Beginning with the Letter: "B" thru "C"
For Both PRAMA and PRASA

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.

Note: This illustration is for reference only.
The appearance of your unit may differ from
the unit shown.

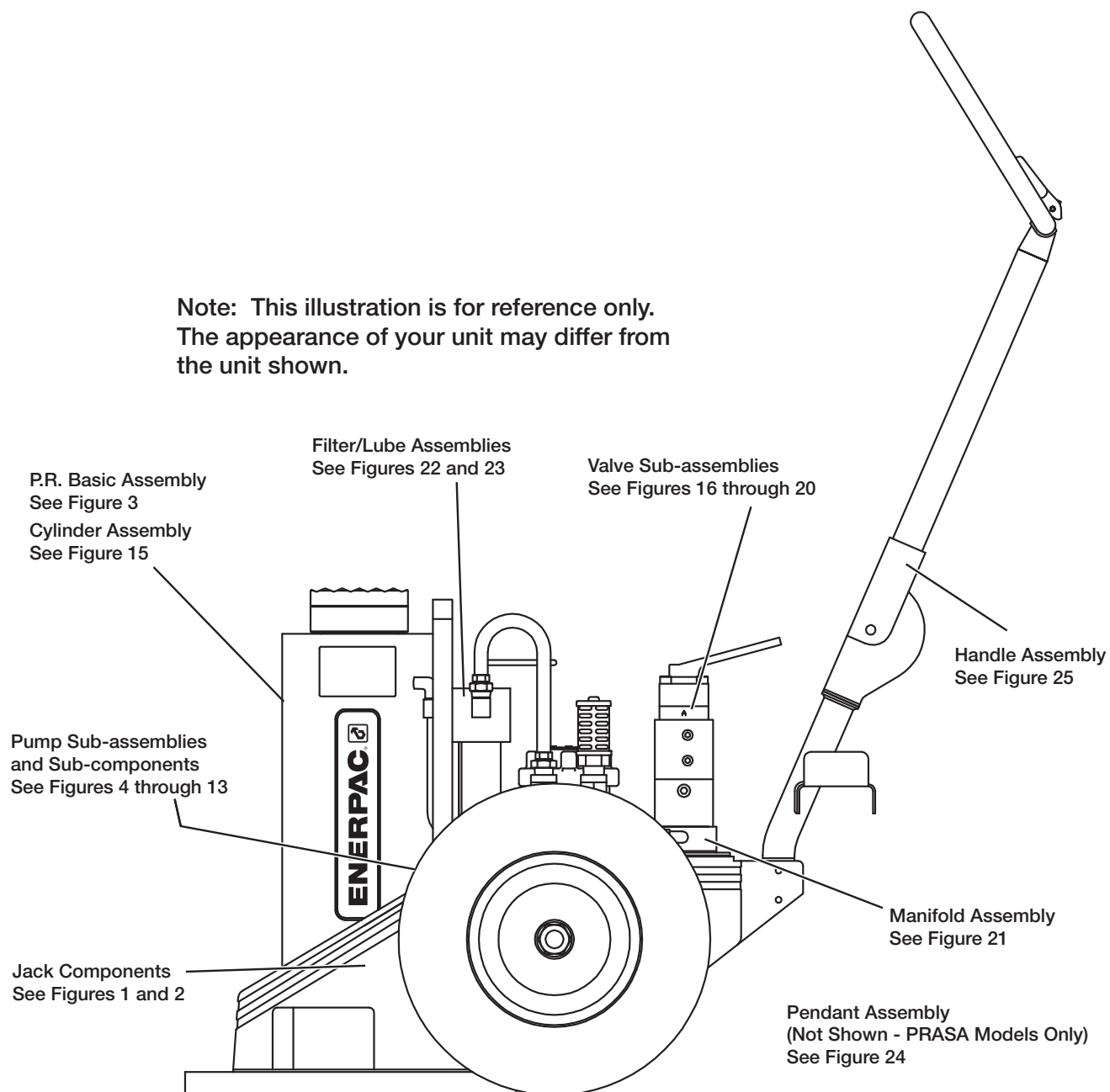
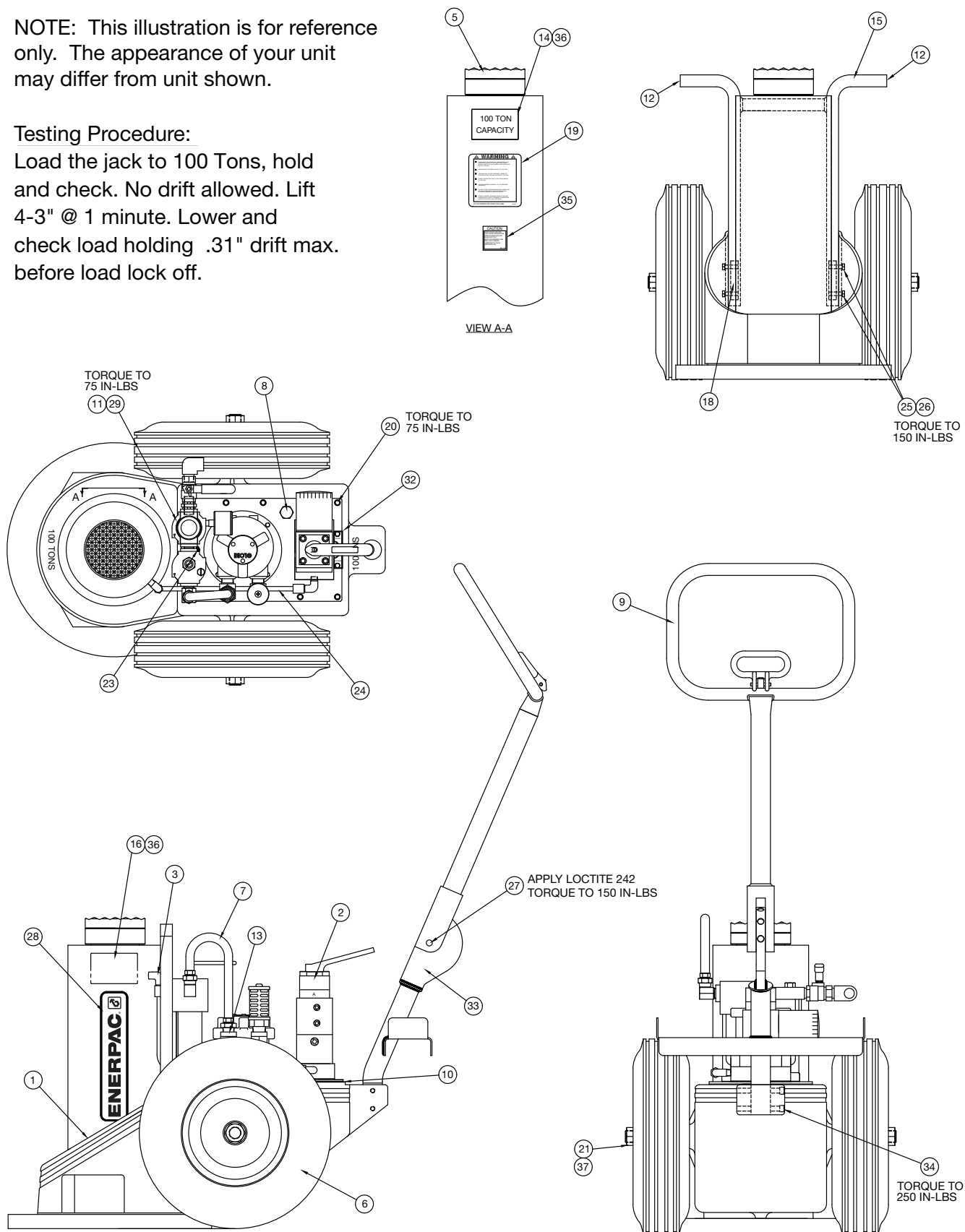


Figure 1 - Main Assembly, PRAMA Models

NOTE: This illustration is for reference only. The appearance of your unit may differ from unit shown.

Testing Procedure:

Load the jack to 100 Tons, hold and check. No drift allowed. Lift 4-3" @ 1 minute. Lower and check load holding .31" drift max. before load lock off.



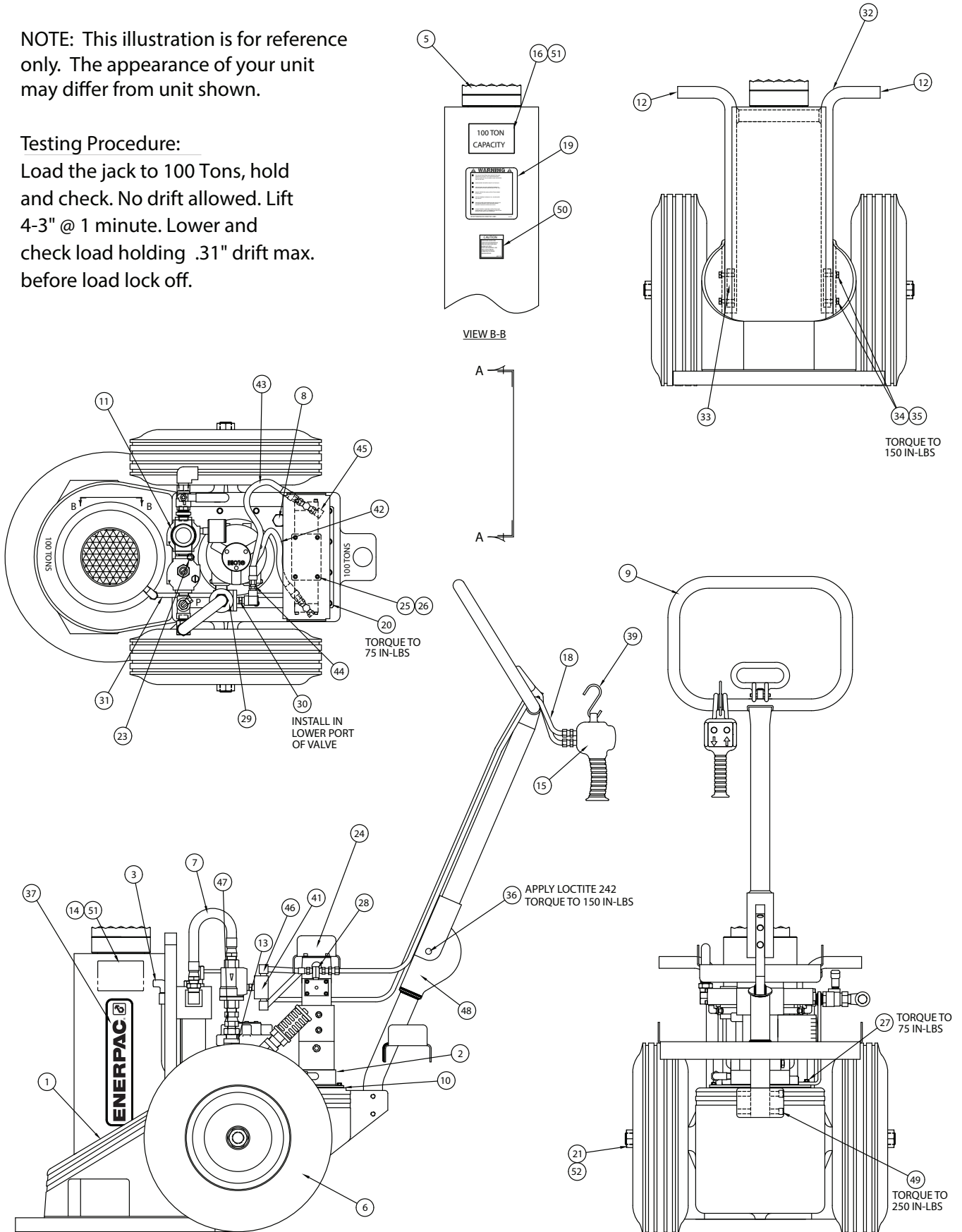
Repair Parts List (Refer to figure 1)				
Item	Model		Qty.	Description
	PRAMA10016L	PRAMA10027L		
1	(See Fig. 3)	(See Fig. 3)	1	PR Basic Asm
2	(See Fig. 4A & 4B)	(See Fig. 4A & 4B)	1	Subassy, Pump and Air Motor.
3	40085E	40085E	1	Male Elbow 3/8-3/8"
5	42208E	42208E	1	Load Cap PR Long Stm
6	41944E	41944E	2	Tire/Rim Assembly
7	41779E	41779E	1	Air Tubing
8	88743E	88743E	1	Plug Hex O-Ring
9	(See Fig. 25)	(See Fig. 25)	1	Handle Assembly
10	85469E	85469E	1	Gasket
11	(See Fig. 22)	(See Fig. 22)	1	Filter Lube/Regulator Asm
12	43021E	- - -	2	Square Hole Plug PR
13	86244E	86244E	1	Street Elbow
14	42531E	42531E	1	Label 100 Ton Capacity
15	42358E	- - -	1	Lifting Bar 24" PR
16	42439E	42441E	1	Model Label
18	42365E	- - -	2	Nut Plt - Lift Bar
19	89292E	89292E	1	Decal, Warning PWR R
	DD9743026	DD9743026	1	Decal, Warning PWR R, starting with Date Code "C"
20	B2005046E	B2005046E	12	Screw 1/4-20 x 3/4" St
21	46053E	46053E	2	1"-8 Hex Lock Nut
23	69264E	69264E	1	Breather Vent
24	41979E	42412E	1	Tube
25	42363E	- - -	4	HCS 5/16-18 x 1.25" Plt.
26	93942E	- - -	4	Lock Washer 5/16"
27	41983E	41983E	1	Screw Shoulder
28	89967E	89967E	1	Enerpac Logo - Large
29	B2007046E	B2007046E	2	Washer Hd. Screw 1/2-20 x 3/4"
32	86027E	86027E	1	Control Valve Plate
33	41598E	41598E	1	Lower Weldment 4" PR
34	84692E	84692E	2	SHC 3/8-16 x 1.75"
35	88111E	88111E	1	Label, Caution, Filter/Lube
36	46539E	46539E	2	Decal Overlay, not used on Date Code "C"
37	41945E	41945E	2	Spacer
N/A = Not Available				

Figure 2 - Main Assembly, Pendant Controlled PRASA Models

NOTE: This illustration is for reference only. The appearance of your unit may differ from unit shown.

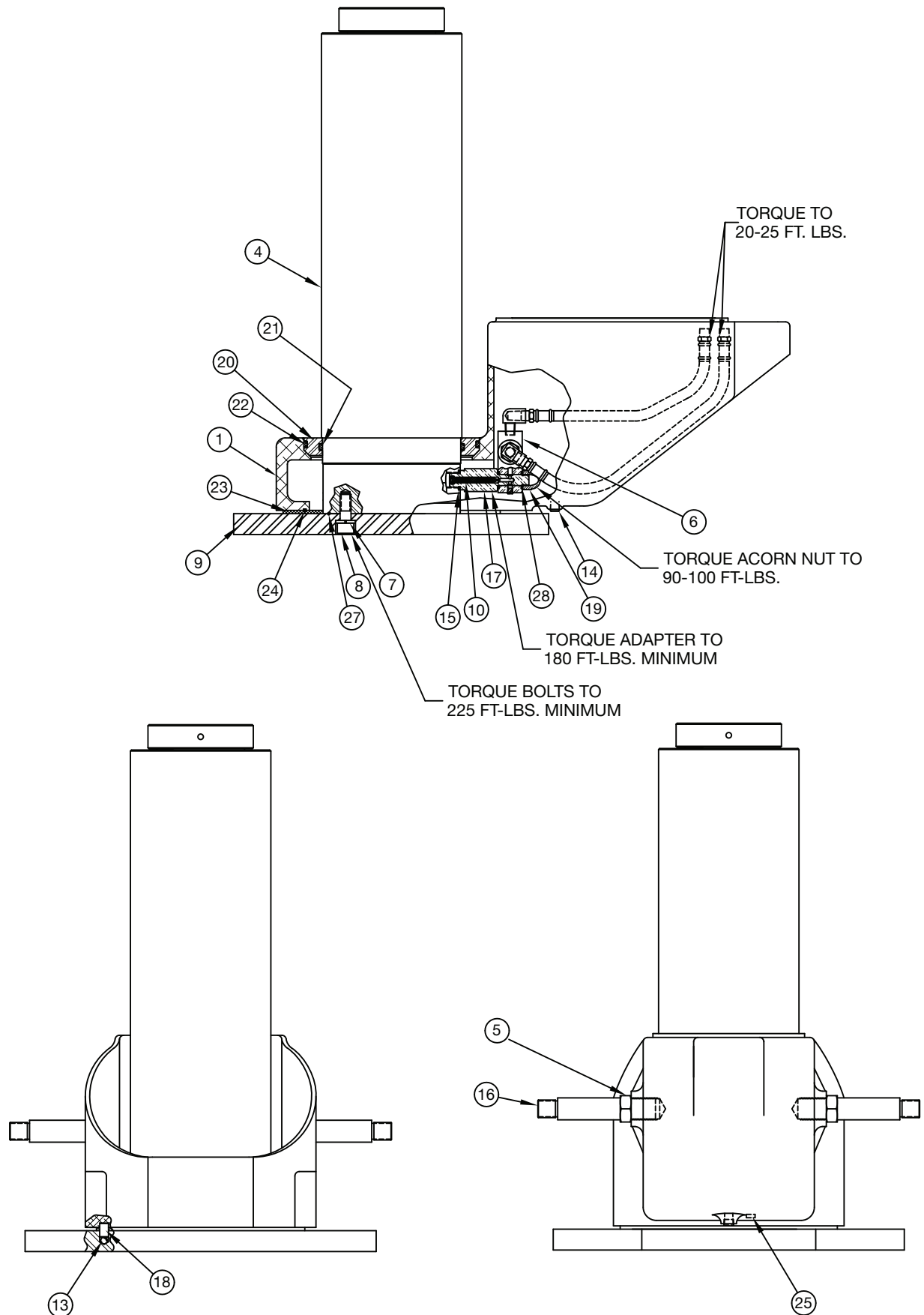
Testing Procedure:

Load the jack to 100 Tons, hold and check. No drift allowed. Lift 4-3" @ 1 minute. Lower and check load holding .31" drift max. before load lock off.



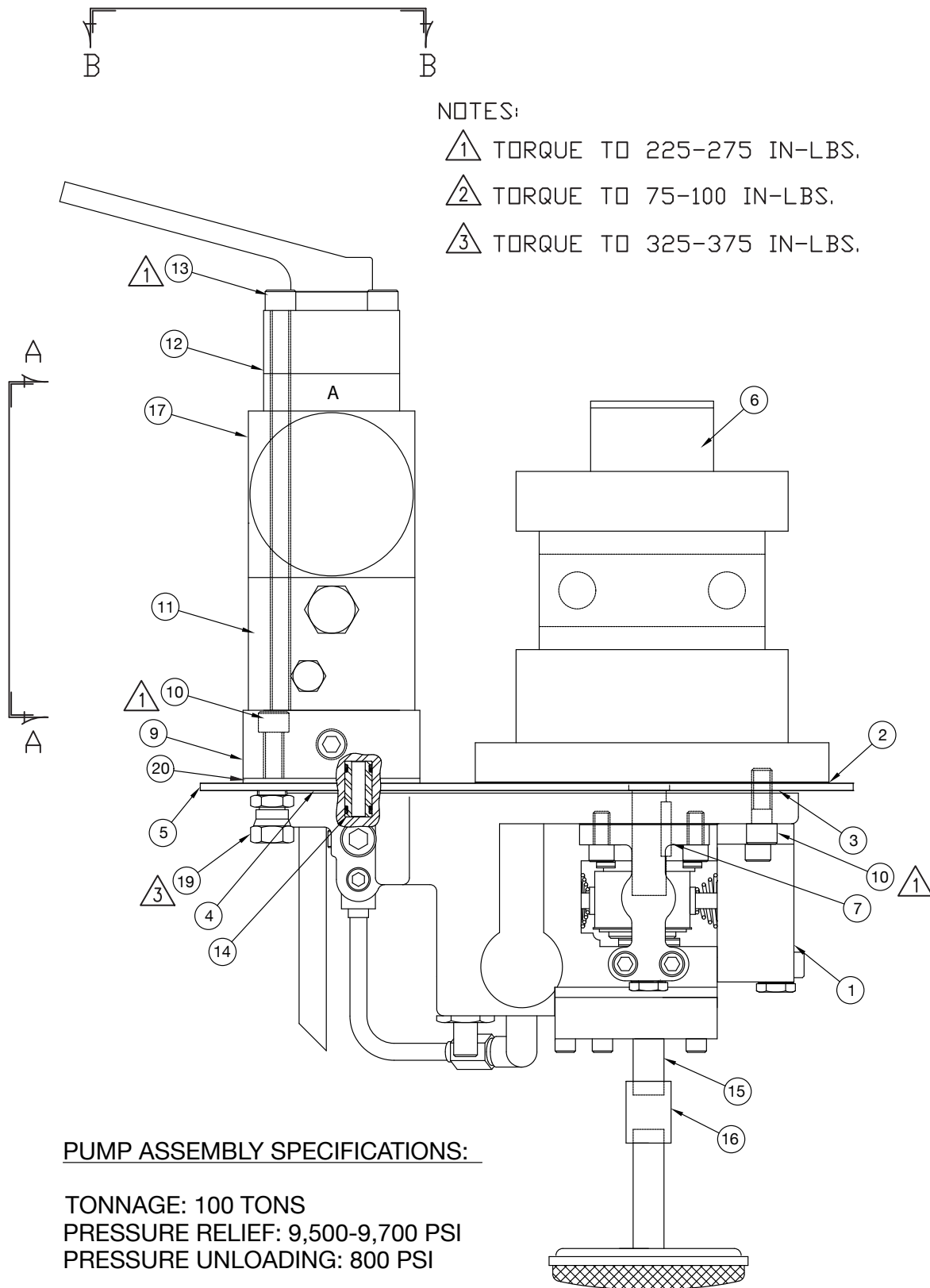
Repair Parts List (Refer to figure 2)				
Item	Model		Qty.	Description
	PRASA10016L	PRASA10027L		
1	(See Fig. 3)	(See Fig. 3)	1	PR Basic Asm
2	(See Fig. 5A & 5B)	(See Fig. 5A & 5B)	1	Subasy, Pump and Air Motor
3	40085E	40085E	1	Male Elbow 3/8-3/8"
5	42208E	42208E	1	Load Cap PR Long Stm
6	41944E	41944E	2	Tire/Rim Assembly
7	41779E	41779E	1	Air Tubing
8	88743E	88743E	1	Plug Hex O-Ring
9	(See Fig. 25)	(See Fig. 25)	1	Handle Assembly
10	85469E	85469E	1	Gasket
11	(See Fig. 23)	(See Fig. 23)	1	Filter Lube/Regulator Asm
12	43021E	- - -	2	Square Hole Plug PR
13	86243E	86243E	1	Male Elbow
14	42442E	42444E	1	Decal, Blank
15	(See Fig. 24)	(See Fig. 24)	1	Pendant, Air
16	42531E	42531E	1	Label 100 Ton Capacity
18	41965E	41965E	1	Hose
19	89292E	89292E	1	Decal, Warning PWR R
	DD9743026	DD9743026	1	Decal, Warning PWR R, starting with Date Code "C"
20	B2005046E	B2005046E	12	Screw 1/4-20 x 3/4" St
21	46053E	46053E	2	1"-8 Hex Lock Nut
23	69264E	69264E	1	Breather Vent
24	- - -	42504E	1	Hanger, 10" Lock Ring
25	- - -	42552E	4	SHCS, #10-32 x 1/2" SS
26	- - -	93940E	4	Lockwasher, #10
27	B2007046E	B2007046E	2	Washer Hd. Screw 1/4-20 x 3/4"
28	42968E	42968E	2	Swivel Tee, 1/8"
29	DS1024660	DS1024660	1	Control Valve, Air
30	45970E	45970E	1	Nipple, Male 1/4" x 1/8"
31	41979E	42412E	1	Tube
32	42358E	- - -	1	Lifting Bar 24" PR
33	42365E	- - -	2	Nut Plt - Lift Bar
34	42363E	- - -	4	HHCS 5/16-18 x 1.25" Plt.
35	93942E	- - -	4	Lock Washer 5/16"
36	41983E	41983E	1	Screw Shoulder
37	89967E	89967E	1	Enerpac Logo - Large
39	42367E	42367E	1	S-Hook, Pendant
41	DQ2201660SR	DQ2201660SR	1	Shuttle Valve
42	43099E	43099E	1	Hose, 3/16" 10.5" Lg
43	43098E	43098E	1	Hose, 3/16" 12.25" Lg
44	42667E	42667E	2	Reducer, 1/4" - 1/8"
45	42966E	42966E	1	Street Elbow, 1/8"
46	18970E	18970E	2	Swivel, Straight, 1/2"
47	42967E	42967E	1	Street Elbow, 1/4", 90 Deg.
48	41598E	41598E	1	Lower Weldment 4" PR
49	84692E	84692E	2	SHC 3/8-16 x 1.75"
50	88111E	88111E	1	Label, Caution, Filter/Lube
51	46539E	46539E	2	Decal Overlay, not used on Date Code "C"
52	41945E	41945E	2	Spacer
N/S	DD9657900SR	DD9657900SR	2	Cord Managemet Bracket Assembly, starting with Date Code "C"
N/A = Not Available N/S = Not Shown				

Figure 3 - 41939SR, 42408SR Pow'r Riser Basic Assembly



Repair Parts List (Refer to figure 3)				
Item	Model		Qty.	Description
	PRAMA10016L and PRASA10016L	PRAMA10027L and PRASA10027L		
BASIC ASSY	41939SR	42408SR		
1	41886E	41886E	1	Housing Mach P. R.
4	(See Fig. 15)	(See Fig. 15)	1	100 Ton Cylinder Assy.
5	85477E	85477E	2	Jam Nut
6	(See Fig. 14)	(See Fig. 14)	1	O.C. Valve and Hoses
7	93947E	93947E	6	Lock Washer 5/8"
8	93605E	93605E	6	SHCS 5/8-11 x 1.5" Lg.
9	41941E	41941E	1	100 Ton P.R. Base
10	89754E	89754E	1	Screen - 2" Nipple
13	44968E	44968E	2	Rubber Ball 3/8" 70
14	93950E	93950E	1	1/4" Soc Pipe Plug
15	◆	◆	1	Gasket Adapter
16	41948E	41948E	2	Axle Shaft
17	41942E	41942E	1	Adapter O.C. Valve
18	42275E	42275E	2	PR Base Pin
19	46740E	46740E	1	Acorn Nut 5/8-11
20	41940E	41940E	1	Ring 100 Ton
21	◆	◆	1	O-Ring 6-3/4 x 7-1/4"
22	◆	◆	1	O-Ring 9" x 9-1/2"
23	◆	◆	1	Gasket Base
24	◆	◆	1	O-Ring Power Riser
25	66021E	66021E	1	Magnet
27	◆	◆	1	O-Ring 6" x 6-1/4"
28	68183E	68183E	2	Gasket Plug
◆ Included in 54411K Repair Kit				

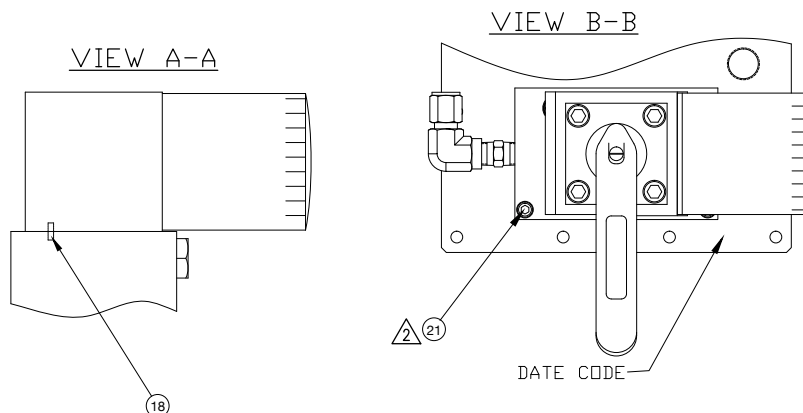
Figure 4A - 69746SR Pump and Motor Sub-Assembly (Date Code "B" Only)
 DD9784900SR Pump and Motor Sub-Assembly (Date Code "B" thru "C")
 (PRAMA Models Only)



**Figure 4B - 69746SR Pump and Motor Sub-Assembly
DD9784900SR Pump and Motor Sub-Assembly
(PRAMA Models Only)**

NOTE:

 TORQUE TO 75-100 IN-LBS.



Repair Parts List (Refer to figures 4A and 4B)

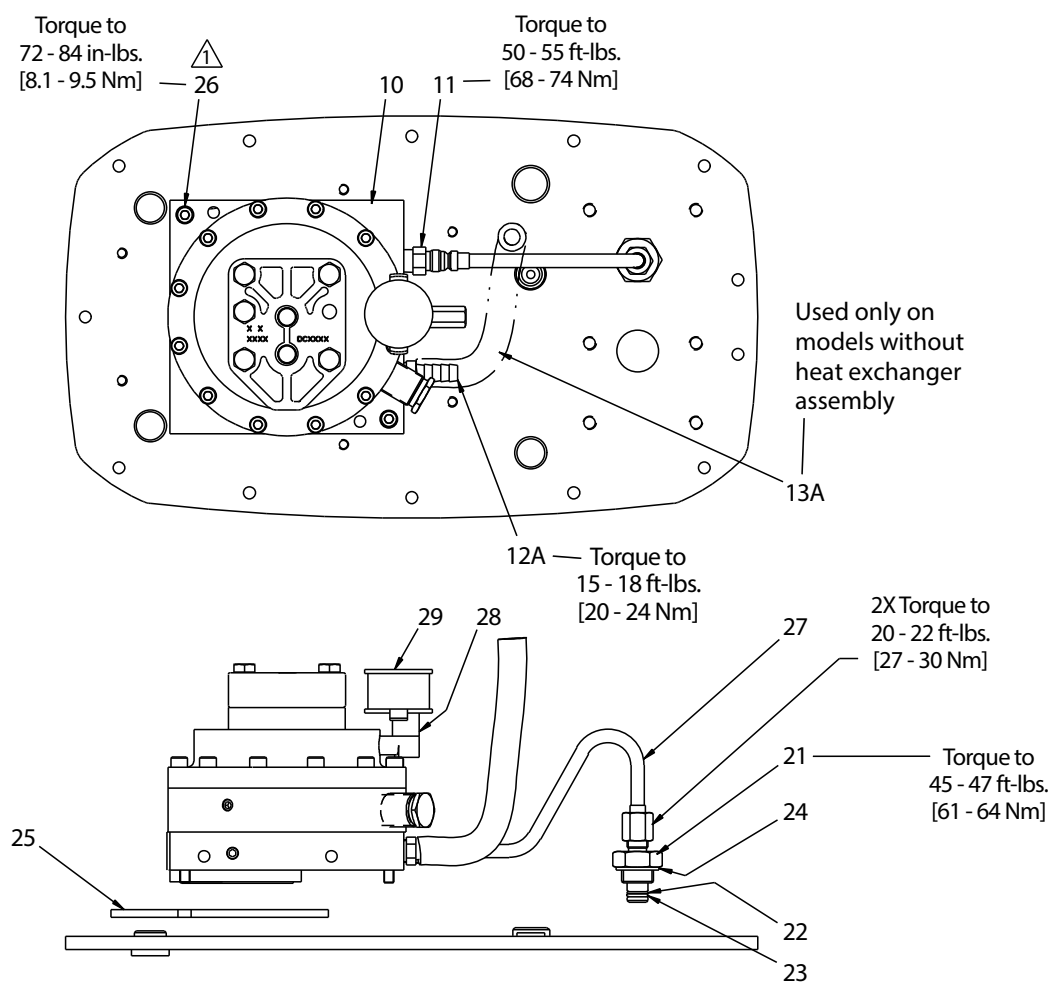
Item	Part Number	Qty.	Description
1	69445SR	1	Pump Asm 4P Air
	Pump Element	1	See RPS L2596 For MPE Pump Element, starting with Date Code "C"
2	◇	1	Gasket-Motor, not used on Date Code "C"
3	◇	1	Gasket-Pump @ Motor
	DC9551920SR	1	Gasket-Pump, starting with Date Code "C"
4	◇	1	Gasket-Pump @ Valve, not used on Date Code "C"
5	DD6038101E	1	Cover Plate, Reservoir
	DD9585101	1	Cover Plate, Reservoir, starting with Date Code "C"
6	● ■	1	Air Motor
	DA4930259	1	Air Motor, starting with Date Code "C"
7	69026E	1	Pin Dowel 3/16-1
9	(See Fig. 21)	1	Manifold Asm NPR
10	86184E	5	SHCS 3/8-16 x 1-1/2"
11	(See Fig. 20)	1	Locking Valve w/relief
12	(See Fig. 16)	1	Control Valve Asm.
13	42383E	4	SHCS 3/8-16 x 8.0"
14	68963SR	1	Adapter Assy, not used on Date Code "C"
15	69442E	1	Nipple, 1/4NPT x 1.5L
	DC9178118	1	Inlet Screen, starting with Date Code "C"
16	80241E	1	Pipe Coupling, 1/4"
	DC9603268	1	Inlet Tube, starting with Date Code "C"
17	(See Fig. 13)	1	Filter Block Assembly
18	561604E	1	Roll Pin 1/8 x 3/8" Lg.
19	41964E	2	Swivel Fitting
20	DD6106037E	1	Valve Gasket
21	B1013028X	2	SHCS, 1/4-20 x 1.25" Lg

◇ Included in 54177K Repair Kit

● Included in 6028099E Gast Motor Repair Kit. Gast Motor Marking 112GDcT4

■ Included in DD8985814E Motor Repair Kit

Figure 4C - Starting With Date Code "C"

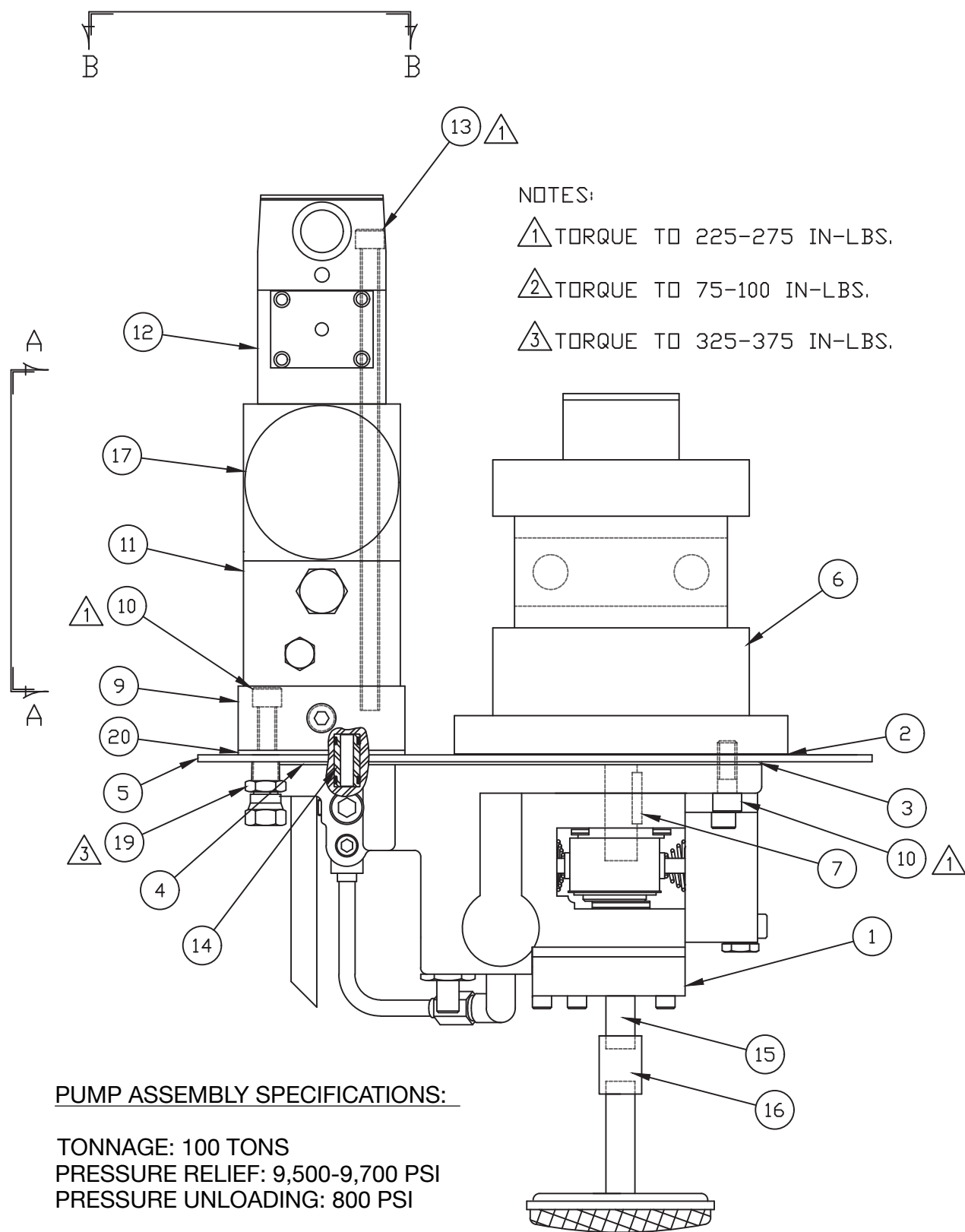


Notes:

⚠ Apply Loctite 545 to threads before installation.

Repair Parts List (Refer to figures 4C) Starting With Date Code "C"			
Item	Part Number	Qty.	Description
10	Pump Element	1	see RPS L2596 for MPE
11	F100094-246	1	Fitting 5-4 FTX-S
12A	F100097-16	1	Fitting, Standard Pump
13A	DC9335646	1	Hose, Bypass 8"
21	DC9173690	1	Connector Fitting
22	★BSS0368D	1	Back-up
23	★B1012803	1	O-Ring
24	★DC9271167	1	Copper Gasket
25	★DC9551920	1	Pump Gasket
26	CBE621028-1A	2	SHCS, M6 X 20
27	DD9587900	1	Tube, ASM Steel
28	DC9603268	1	Intake Tube, 6.5" 40L
29	DC9178118	1	Intake Filter
★ Items included in Seal Kit ZE3K			

Figure 5A - 41976SR Pump and Motor Sub-Assembly (Date Code "B" only)
 DD9783900SR Pump and Motor Sub-Assembly (Date Code "B" thru "C")
 (PRASA Models Only)



Repair Parts List (Refer to figures 5A and 5B)			
Item	Part Number	Qty.	Description
1	69445SR	1	Pump Asm 4P.
	Pump Element	1	See RPS L2596 For MPE Pump Element, starting with Date Code "C"
2	◇	1	Gasket-Motor, not used on Date Code "C"
3	◇	1	Gasket-Pump @ Motor
	DC9551920SR	1	Gasket-Pump, starting with Date Code "C"
4	◇	1	Gasket-Pump @ Valve, not used on Date Code "C"
5	DD6038101E	1	Cover Plate, Reservoir
	DD9585101	1	Cover Plate, Reservoir, starting with Date Code "C"
6	●	1	Air Motor
	DA4930259	1	Air Motor, starting with Date Code "C"
7	69026E	1	Pin Dowel 3/16-1
9	(See Fig 21)	1	Manifold Asm NPR
10	86184E	5	SHCS 3/8-16 x 1-1/2"
11	(See Fig 20)	1	Locking Valve w/relief
12	(See Fig 17)	1	Control Valve Asm.
13	42737E	4	SHCS 3/8-16 x 8.0"
14	68963SR	1	Adapter Assy, not used on Date Code "C"
15	69442E	1	Nipple, 1/4" NPT x 1.5"L
	DC9178118	1	Inlet Screen, starting with Date Code "C"
16	80241E	1	Pipe Coupling, 1/4"
	DC9603268	1	Inlet Tube, starting with Date Code "C"
17	(See Fig 13)	1	Filter Block Asm
18	561604E	1	Roll Pin 1/8 x 3/8" LG
19	41964E	2	Swivel Fitting
20	DD6106037E	1	Valve Gasket
21	B1013028X	2	SHCS, 1/4-20 x 1.25" Lg
◇ Included in 54177K Repair Kit ● Included in 6028099K Repair Kit			

**Figure 5B - 41976SR Pump and Motor Sub-Assembly
DD9783900SR Pump and Motor Sub-Assembly
(PRASA Models Only)**

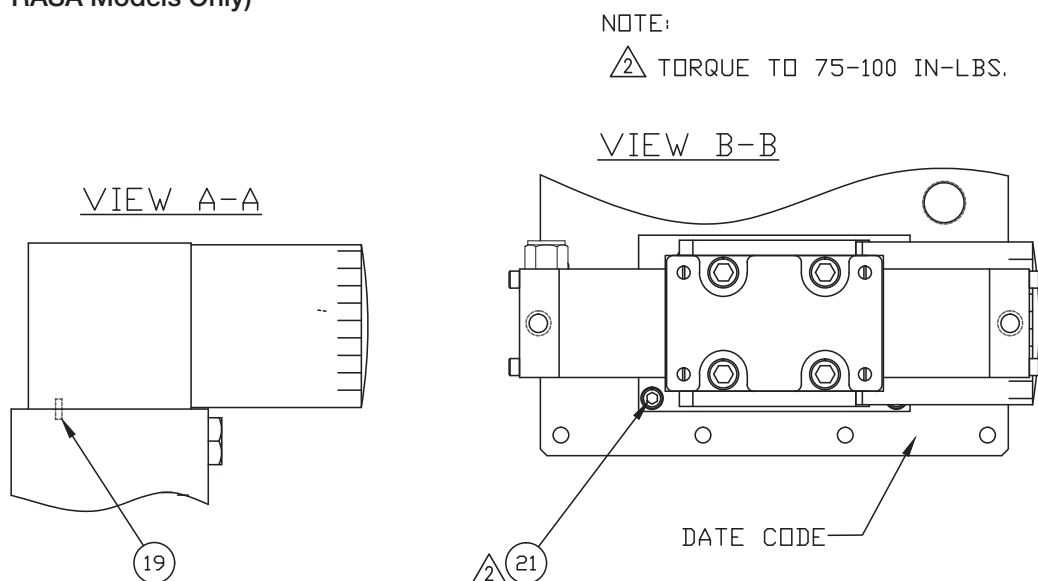
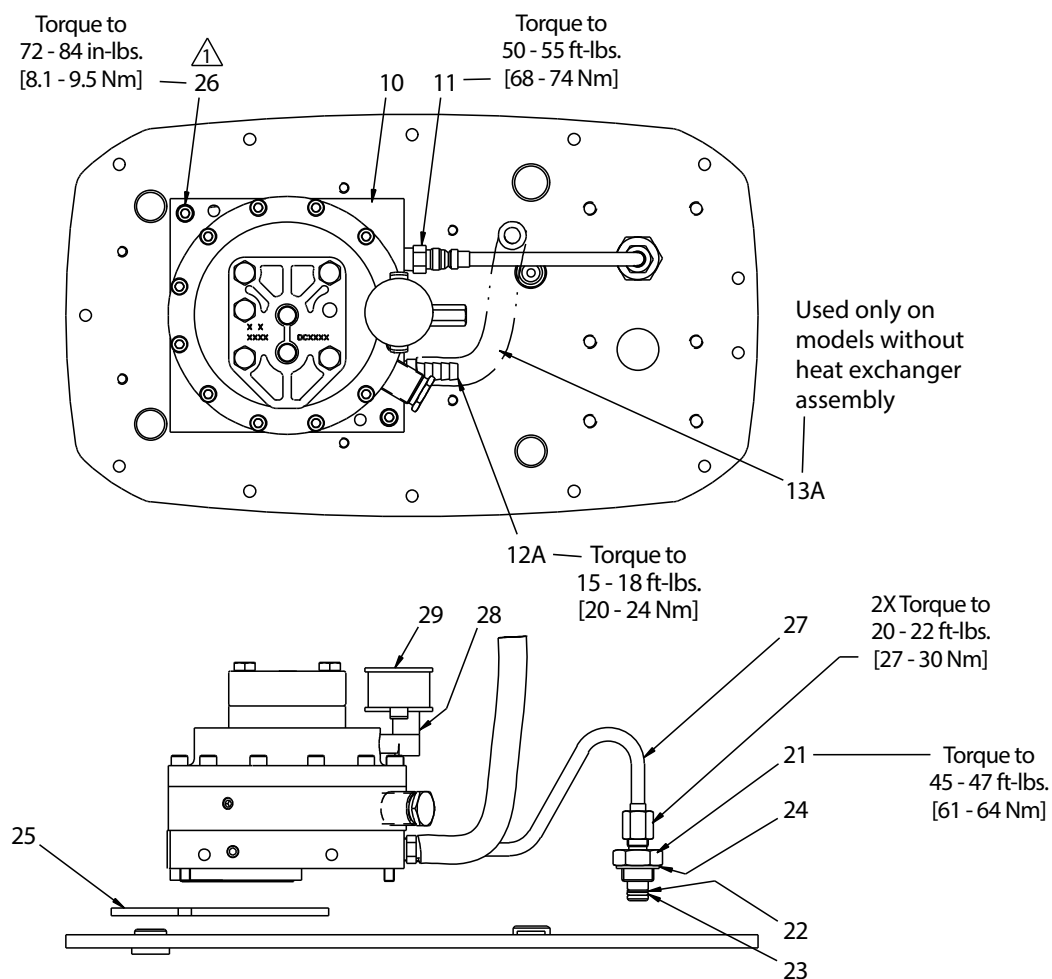


Figure 5C - Starting With Date Code "C"

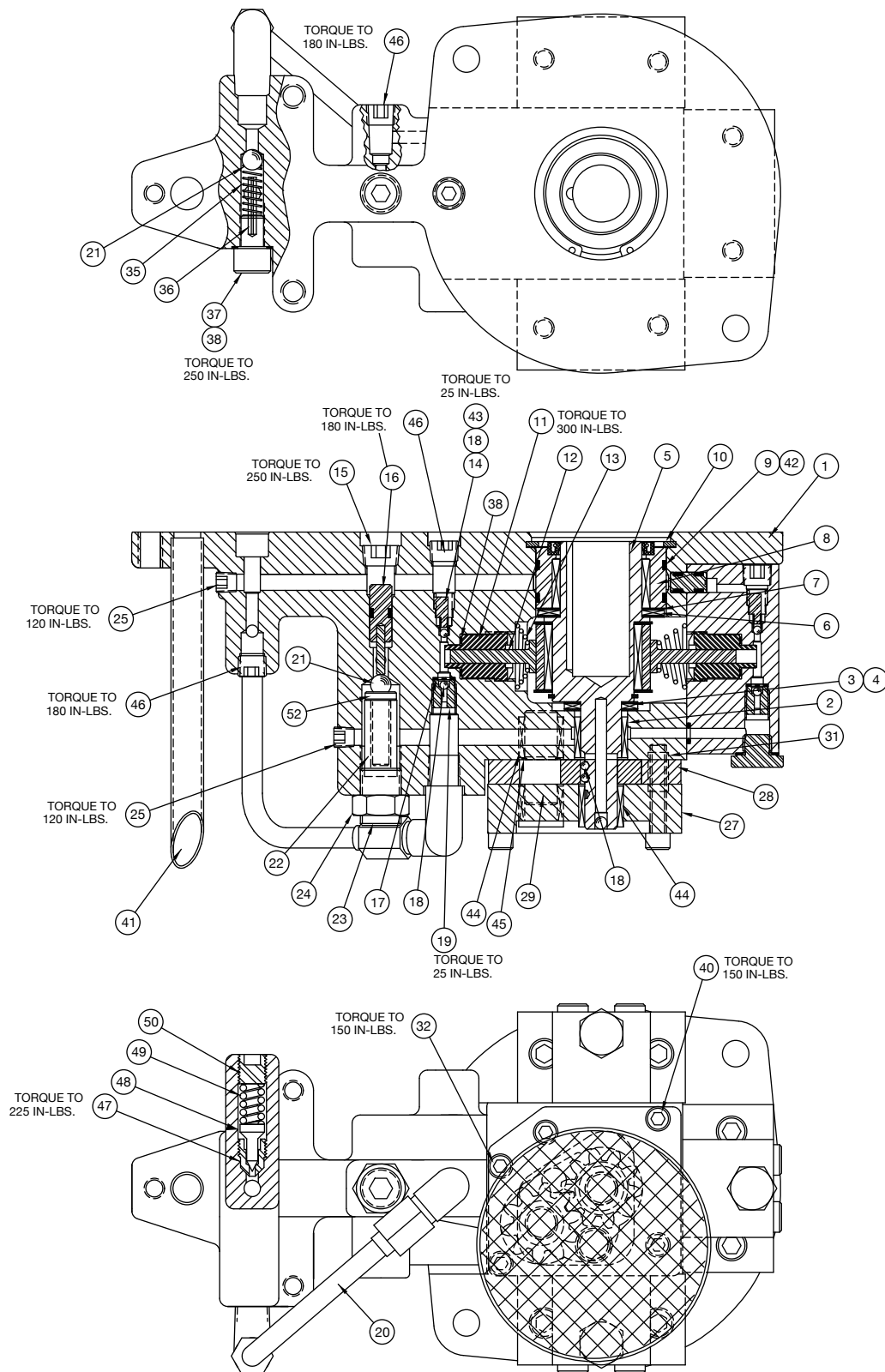


Notes:

⚠ Apply Loctite 545 to threads before installation.

Repair Parts List (Refer to figures 5C) Starting With Date Code "C"			
Item	Part Number	Qty.	Description
10	Pump Element	1	see RPS L2596 for MPE
11	F100094-246	1	Fitting 5-4 FTX-S
12A	F100097-16	1	Fitting, Standard Pump
13A	DC9335646	1	Hose, Bypass 8"
21	DC9173690	1	Connector Fitting
22	★BSS0368D	1	Back-up
23	★B1012803	1	O-Ring
24	★DC9271167	1	Copper Gasket
25	★DC9551920	1	Pump Gasket
26	CBE621028-1A	2	SHCS, M6 X 20
27	DD9587900	1	Tube, ASM Steel
28	DC9603268	1	Intake Tube, 6.5" 40L
29	DC9178118	1	Intake Filter
★ Items included in Seal Kit ZE3K			

Figure 6A - 69445SR Pump Assembly



Repair Parts List (Refer to figures 6A and 6B)							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	44917E	1	Pump Body 4 Piston	27	68849E	1	Plate-Bottom
2	68360E	1	Bearing, Roller	28	68855E	1	Gearset, 3/8" Clydesdale
3	66033E	1	Thrust Bearing	29	68850E	1	Shaft-Idler
4	66474E	2	Thrust Washer	30	68884E	1	Screen
5	(See Fig. 9)	1	Eccentric Shaft Assembly	31	68922E	2	Tube-Guide .22
6	66106E	1	Thrust Bearing	32	89148E	1	SHCS 1/4-28 x 1-1/2"
7	66108E	2	Thrust Washer	35	68225E	1	Spring
8	(See Fig. 7)	1	Adapter-Shaft Asm.	36	81332E	1	Roll Pin 1/8 x 15/16"
9	★	2	O-Ring 1-7/8 x 2" Ure	37	68226E	1	Screw, Ball Stop
10	68978E	1	Retaining Ring	38	85726E	2	Gasket 25/64 x 19/32"
11	68915E	1	Adaptor .210 Piston	40	68255E	4	SHCS 1/4-28 x 1-3/4"
12	68830E	1	Piston .210 Dia.	41	68569E	1	Tube Return
13	68340E	1	Spring, Piston	42	★	2	Shaft Adp Backup Was.
14	68810E	1	Ball Stop	43	66042E	1	Spring
15	93950E	1	1/4" Soc Pipe Plug	44	68891E	3	Bearing
16	(See Fig. 8)	1	Unloading Piston Assy	45	68892E	1	Ring-Retaining
17	66043E	1	Ball Retainer	46	A1007245	3	Pipe Plug 1/8" Flush
18	90906E	5	Ball 1/8"	47	▲	1	Seat - Ext Relief
19	66046E	1	Intake Seat	48	▲	1	Cone - Ext Relief
20	68851SR	1	Tube Asm	49	▲	1	Spring - Relief Valve
21	91701E	2	Ball 5/16"	50	66083E	1	Relief Valve Adj. Screw
22	43671E	1	Unloading Spring	52	43673E	1	Spring Cap Unload Valve
23	43674E	1	Set Screw Unloading Valve	53	(See Fig. 10)	3	Piston Blk .210
24	43675E	1	Hex Nut Unloading Valve	54	B1356028	6	SHCS
25	97641E	2	1/16" Soc Pipe Plug	55	82687E	6	SHCS 5/16-24 x 5/8"

★ Included in 54177K Repair Kit ▲ Included in 55057K Relief Kit
Note: Not used starting with Date Code "C"

Figure 6B - 69445SR Pump Assembly

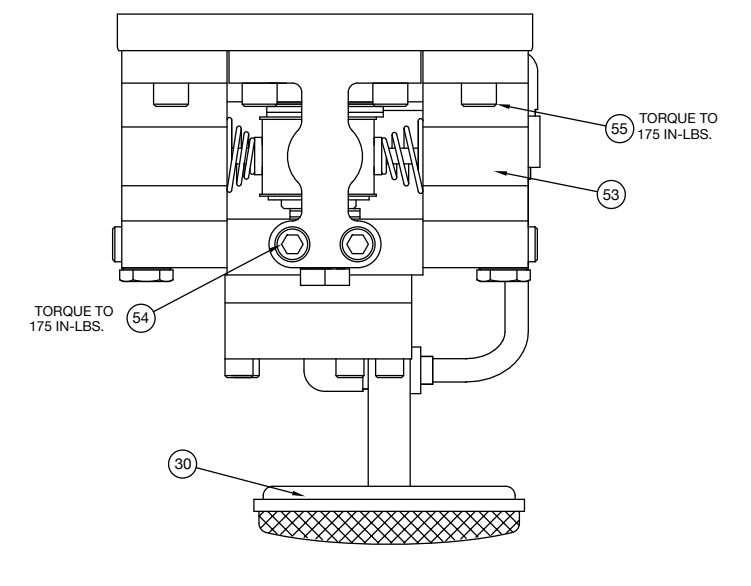
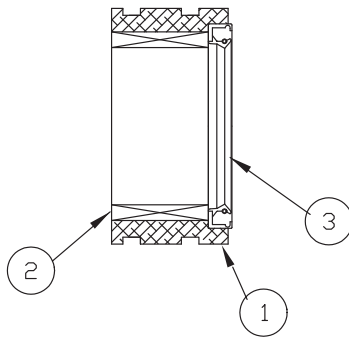


Figure 7 - 68829SR Adapt-Shaft Assembly



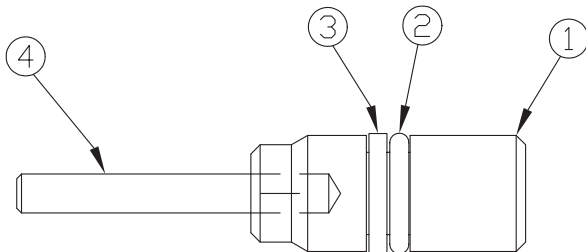
Repair Parts List (Refer to figure 7)

Item	Part Number	Qty.	Description
1	68912E	1	Adapter Shaft
2	66030E	1	Bearing
3	★	1	Seal

★Included in Repair Kit 54177K

Note: Not used starting with Date Code "C"

Figure 8 - 43766SR Unloading Piston Assembly

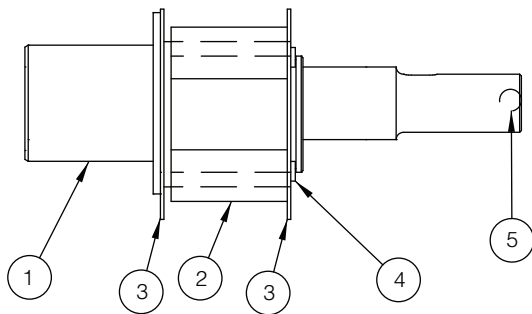


Repair Parts List (Refer to figure 8)

Item	Part Number	Qty.	Description
1	43765E	1	Unload Piston
2	5602009E	1	O-Ring
3	43768E	1	Back-Up Washer
4	43686E	1	Roll Pin

Note: Not used starting with Date Code "C"

Figure 9 - 68906SR Eccentric Shaft Assembly

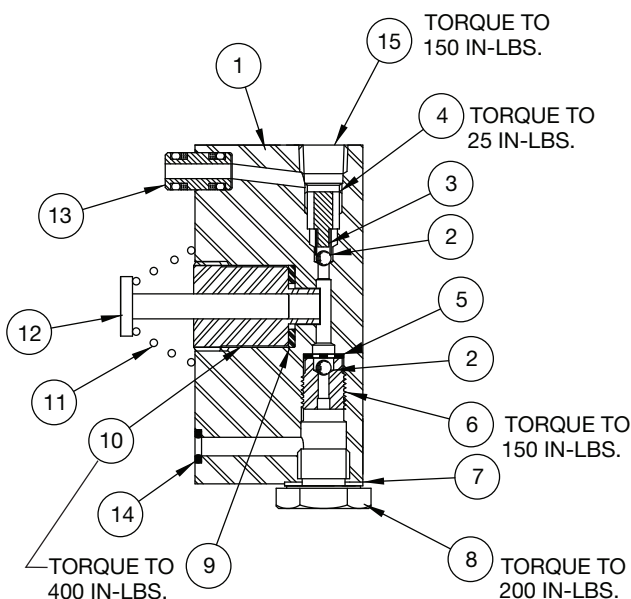


Repair Parts List (Refer to figure 9)

Item	Part Number	Qty.	Description
1	68907E	1	Eccentric Shaft, 7/8"
2	68818SR	1	Eccentric Asm.
3	69475E	2	Bearing Washer
4	67863E	1	Retaining Ring
5	90548E	1	Ball

Note: Not used starting with Date Code "C"

Figure 10 - 68832SR Piston Block Assembly



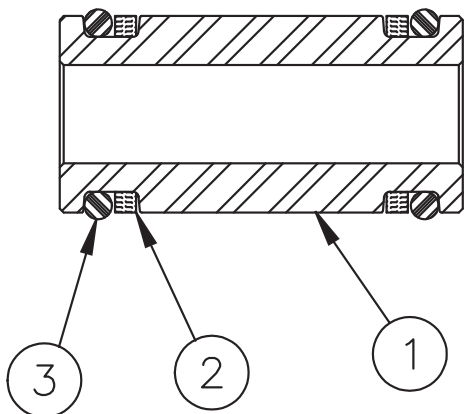
Repair Parts List (Refer to figure 10)

Item	Part Number	Qty.	Description
2	90906E	2	Ball 1/8"
3	66042E	1	Spring
4	68810E	1	Ball Stop
5	66043E	1	Ball Retainer
6	66046E	1	Intake Seat
7	86269E	1	Gasket 29/64 x 5/8"
8	68825E	1	Plug, Piston Block
9	85726E	1	Gasket 25/64 x 19/32"
10	68915E	1	Adaptor .210 Piston
11	68340E	1	Spring, Piston
12	68830E	1	Piston, .210 Dia.
13	68970SR	1	Adapter Assy.
14	★	1	O-Ring 3/16 x 5/16"
15	A1007245	1	Pipe Plug 1/8" Flush

★Included in Repair Kit 54177K

Note: Not used starting with Date Code "C"

Figure 11 - 68963SR Adapter Assembly



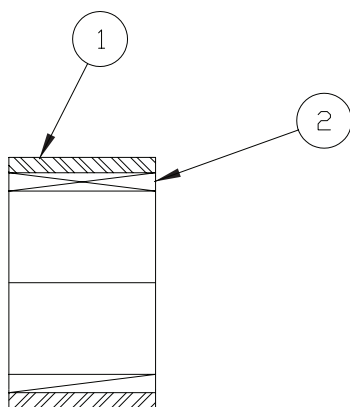
Repair Parts List (Refer to figure 11)

Item	Part Number	Qty.	Description
1	88073E	1	Valve Adapter
2	★	2	B-U Ring
3	5602012E	2	O-ring, 3/8 x 1/2"

★Included in Repair Kit 54177K

Note: Not used starting with Date Code "C"

Figure 12- 68818SR Eccentric Bearing Assembly

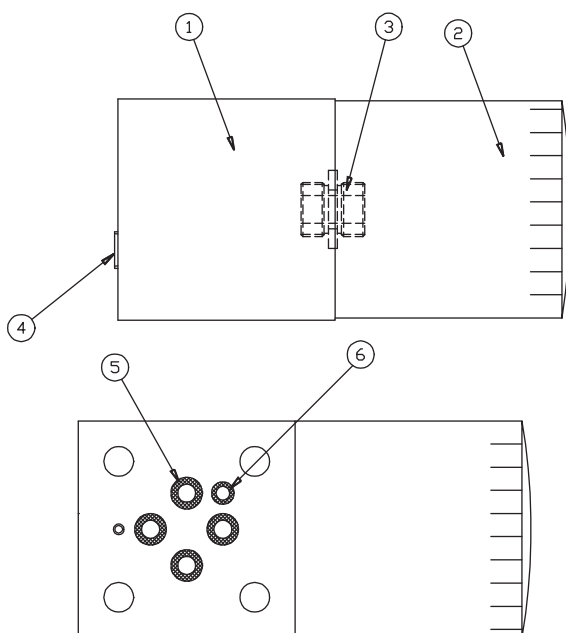


Repair Parts List (Refer to figure 12)

Item	Part Number	Qty.	Description
1	68913E	1	Ring, Eccentric
2	68060E	1	Bearing, Sleeve

Note: Not used starting with Date Code "C"

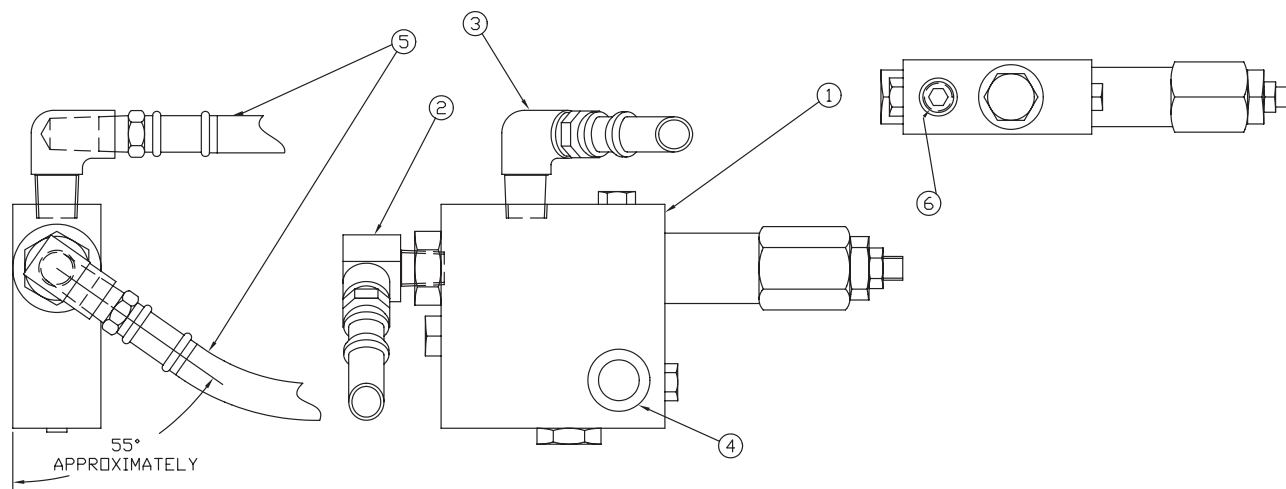
Figure 13 - 69740USR Filter Block Assembly



Repair Parts List (Refer to figure 13)

Item	Part Number	Qty.	Description
1	69546E	1	Filter Block
2	69670E	1	Oil Filter Power Pump
3	69144E	1	Adapter Filter
4	93950E	2	1/4" Soc Pipe Plug
5	56020112E	4	O-Ring 5/16 x 7/16" URE
6	5602008E	1	O-Ring 3/16 x 5/16"

Figure 14 - 42353SR OC Valve Subassembly

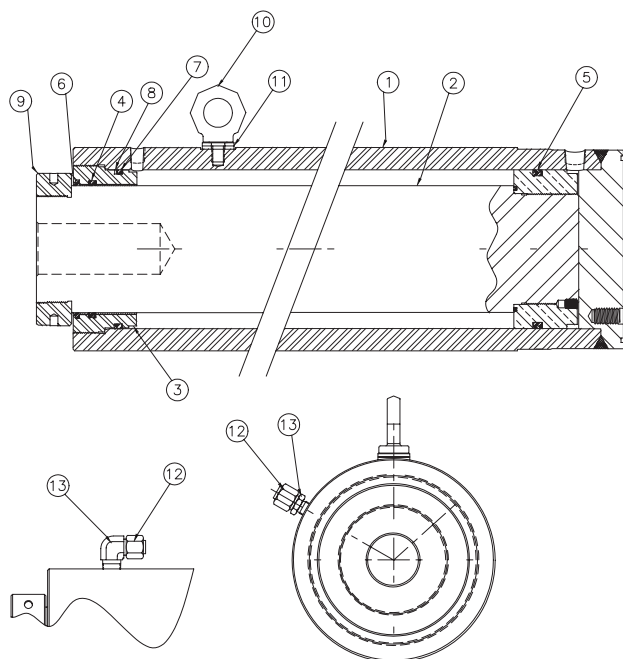


Repair Parts List (Refer to figure 14)

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	69522MSR	1	O.C. Valve Asm New PR	5	42354E	2	Hose 1/4 x 17" Nw PR
2	18970E	1	Elbow 1/4" 90 Deg Strt	6	84084E	1	3/8" Pipe Plug - Flush
3	42352E	1	Elbow 1/4-3/8" 90 Strt	N/S	94414E	1	Ball 7/16"
4	68183E	2	Gasket-Plug				

N/S = Not Shown

Figure 15 - 41917SR, 42430SR Cylinder Assembly

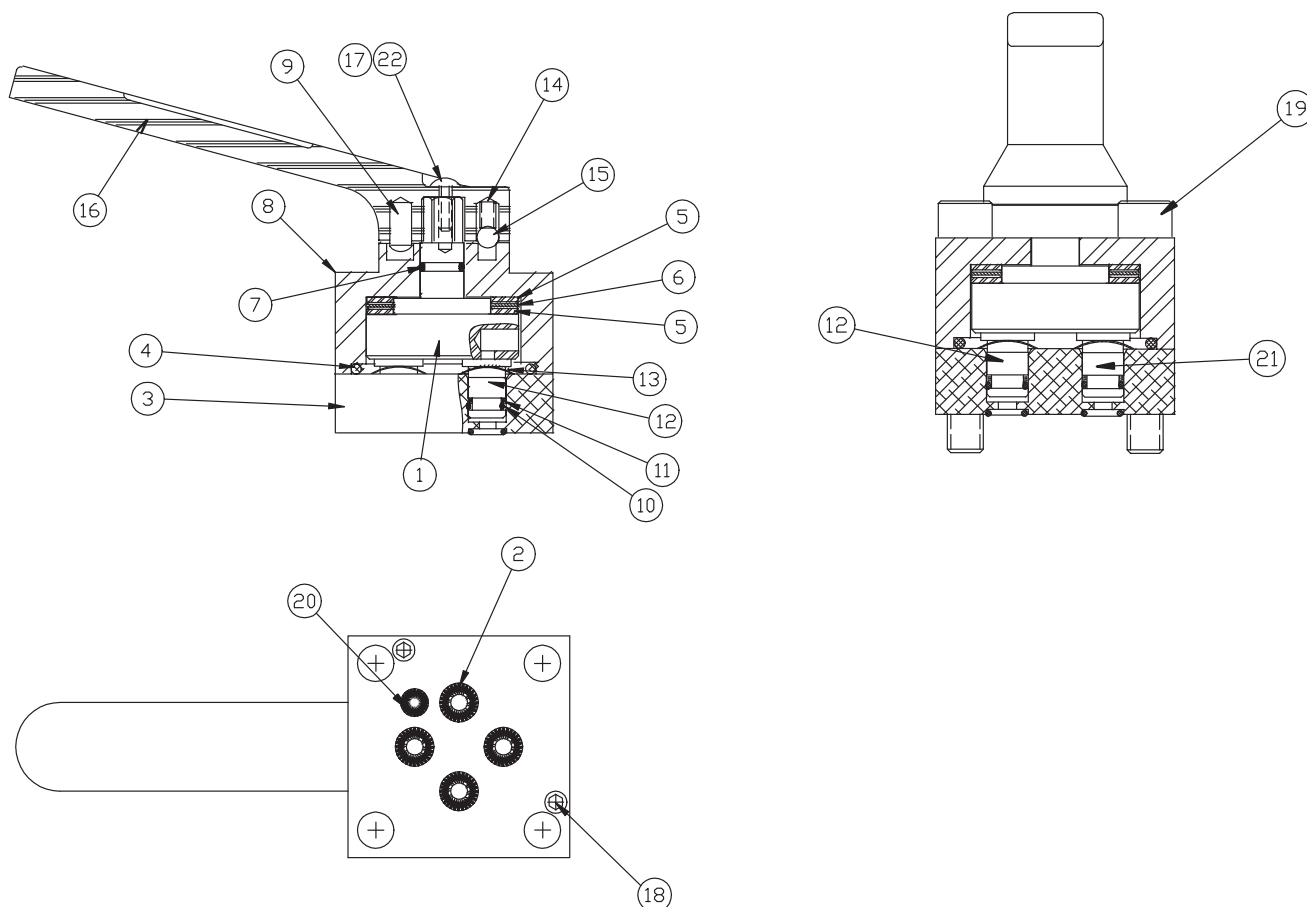


Repair Parts List (Refer to figure 15)

Model	PRA_A10016L (all versions)	PRA_A10027L (all versions)		
Item	Asm. 41917SR	Asm. 42430SR	Qty.	Description
1	41918E	42429E	1	Cylinder Weldment
2	41921SR	42427SR	1	Piston Rod Asm.
3	41924E	41924E	1	100 Ton Head Gland
4	*	*	1	T-Seal Rod 4" Dia
5	*	*	1	T-Seal Piston 5-1/4"
6	*	*	1	Wiper 4" Rod Dia
7	*	*	1	O-Ring 5" x 5-1/4"
8	*	*	1	B-U Washer
9	41925E	41925E	1	Ring
10	N/A	43308E	1	Swivel Eye Bolt 1/2"
11	N/A	44888E	1	Washer Eyebolt
12	45664E	45664E	1	O-Ring Face Seal Plug
13	44865E	45666E	1	O-Ring Ftg, 3/8" NPT

* Included in 54401K Repair Kit

**Figure 16 - 69101SR 4-Way Manual Valve Subassembly
(PRAMA Models Only)**

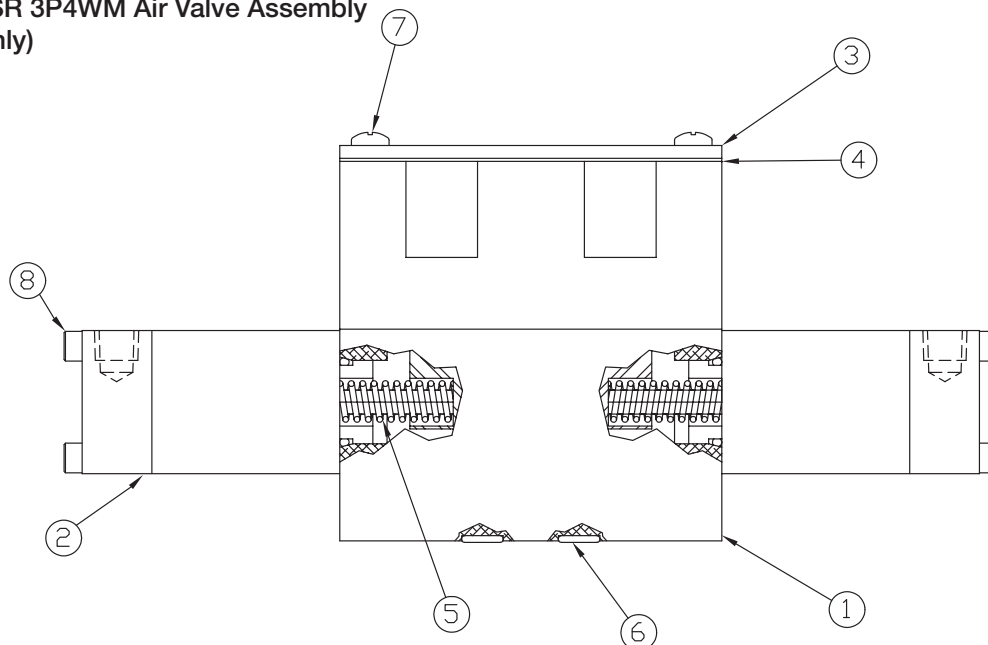


Repair Parts List (Refer to figure 16)

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	43762E	1	Valve Rotor	12	68029E	1	Seal
2	*	4	O-Ring	13	68028E	3	Spring Washer
3	68180E	1	Subplate - Valve	14	68025E	1	Detent Spring
4	*	1	O-Ring	15	92549E	1	Ball
5	68026E	2	Thrust Washer	16	69091E	1	Valve Handle
6	68155E	1	Thrust Bearing	17	44595E	1	Screw
7	*	1	O-Ring	18	85317E	2	Screw
8	69135E	1	Upper Valve Block	19	93598E	4	Screw
9	93804E	1	Drive Lok Pin	20	5602008E	1	O-Ring
10	*	3	O-Ring	21	68181E	2	Seal
11	*	3	Washer	22	Y0010765E	1	Lockwasher

*Included in Valve Kit 54490K

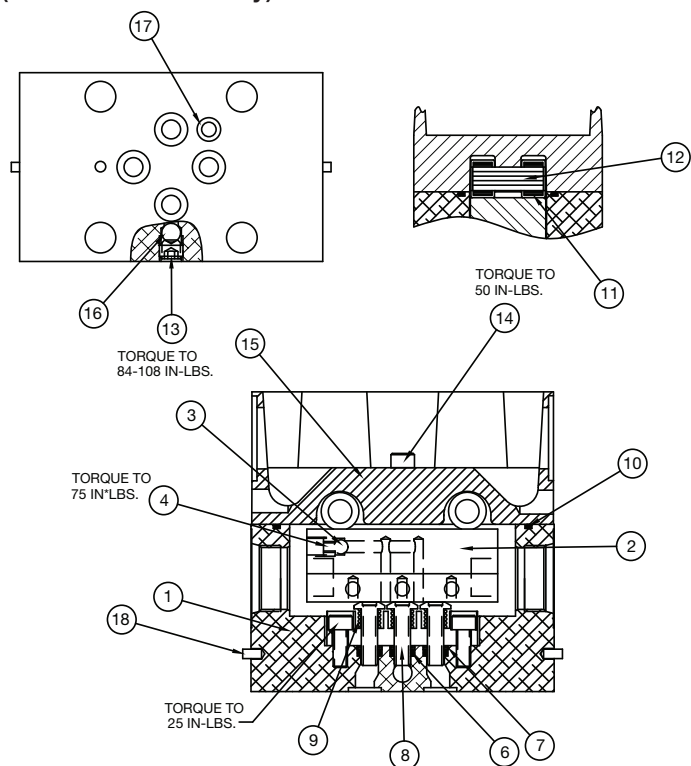
**Figure 17 - 41949SR 3P4WM Air Valve Assembly
(PRASA Models Only)**



Repair Parts List (Refer to figure 17)

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	(See Fig. 18)	1	Valve Assembly TC	5	68711E	2	Spring
2	(See Fig. 19)	2	Air Cyl Assembly	6	56020112E	4	O-Ring 5/16 x 7/16"
3	68388E	1	Cover, Valve	7	98250E	4	Screw
4	68389E	1	Gasket Cover	8	41959E	8	SHCS #10-24 x 3.25"

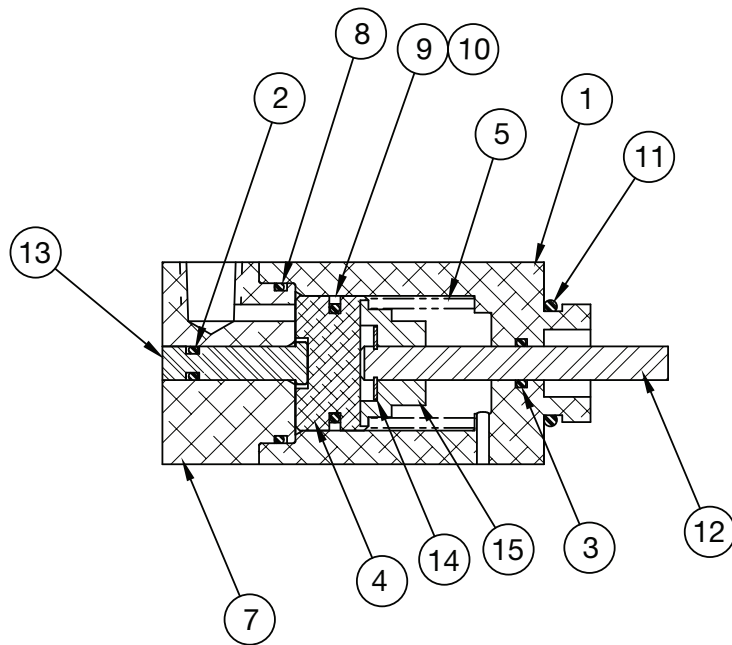
**Figure 18 - 68710SR Valve Assembly TC
(PRASA Models Only)**



Repair Parts List (Refer to figure 18)

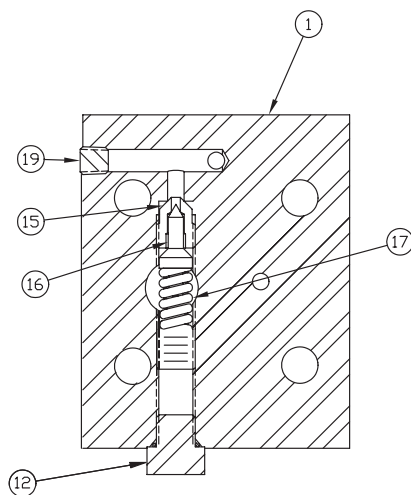
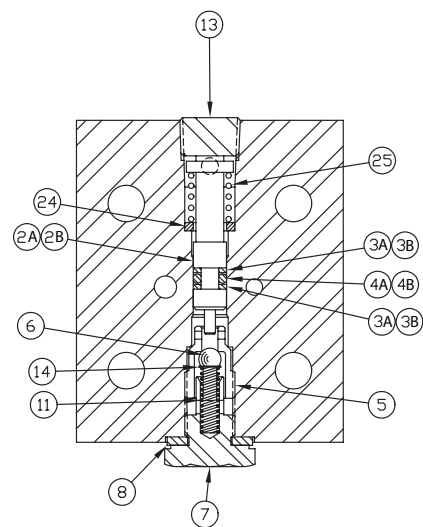
Item	Part Number	Qty.	Description
1	68708E	1	Body-Valve
2	68709E	1	Slider
3	90548E	1	Ball
4	40254E	1	Screw
6	5602009E	3	O-Ring
7	68391E	3	Back-up Washer
8	68383E	3	Seal
9	68384E	3	Spring
10	5602038E	1	O-Ring
11	68385E	4	Bearing, Roller
12	68390E	2	Pin Bearing
13	94418E	1	Set Screw, 5/16-18 x 1/4"
14	68264E	2	Screw
15	68381E	1	Plate-Top
16	92549E	1	Ball, 1/4"
17	5602008E	1	O-Ring
18	69636E	2	Roll Pin

**Figure 19 - 41954SR Air Cylinder Assembly
(PRASA Models Only)**



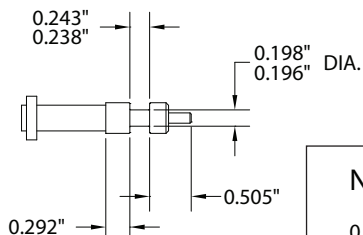
Repair Parts List (Refer to figure 19)			
Item	Part Number	Qty.	Description
1	42744E	1	Body Air Cylinder
2	5602006E	1	O-Ring 1/8-1/4"
3	5602010E	1	O-Ring 1/4-3/8"
4	42747E	1	Air Cylinder Piston
5	42749E	1	Spring, Air Cylinder
7	41956E	1	End Cap
8	5602023E	1	O-Ring 1-1/16 x 1-3/16"
9	68497E	1	Seal
10	5602017E	1	O-Rng 11/16 x 13/16
11	5603910E	1	O-Ring SAE Port #10
12	42746E	1	Push Pin Air Valve
13	41958E	1	Override Pin
14	42750E	1	E-Ring 1/4" Shaft
15	42748E	1	Spring Plate Air Valve

Figure 20 - 42480SR Locking Valve Subassembly (with relief)



SPOOL AND SEAL REPLACEMENT INFORMATION

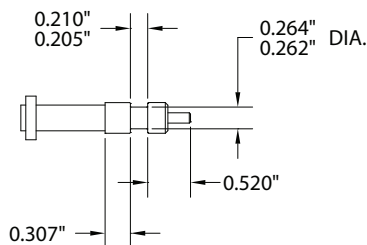
OLD DESIGN - ITEM 2A



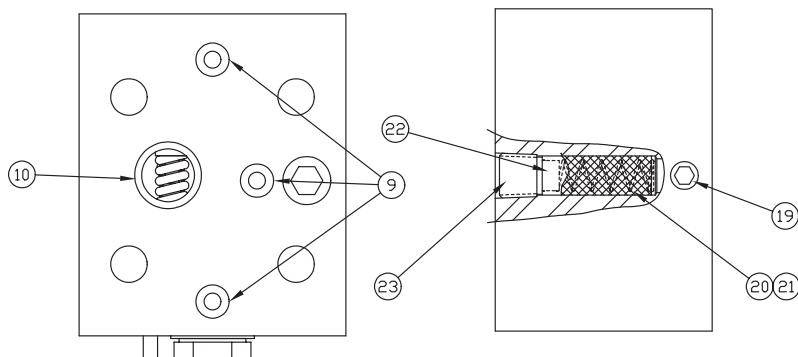
IMPORTANT: Use items 3A and 4A with OLD design spool, item 2A.

IMPORTANT: Use items 3B and 4B with NEW design spool, item 2B.

NEW DESIGN - ITEM 2B



Note: Old design spool (2A) must be replaced with new design spool (2B) if it is worn or damaged. Old design spool (2A) is no longer available.

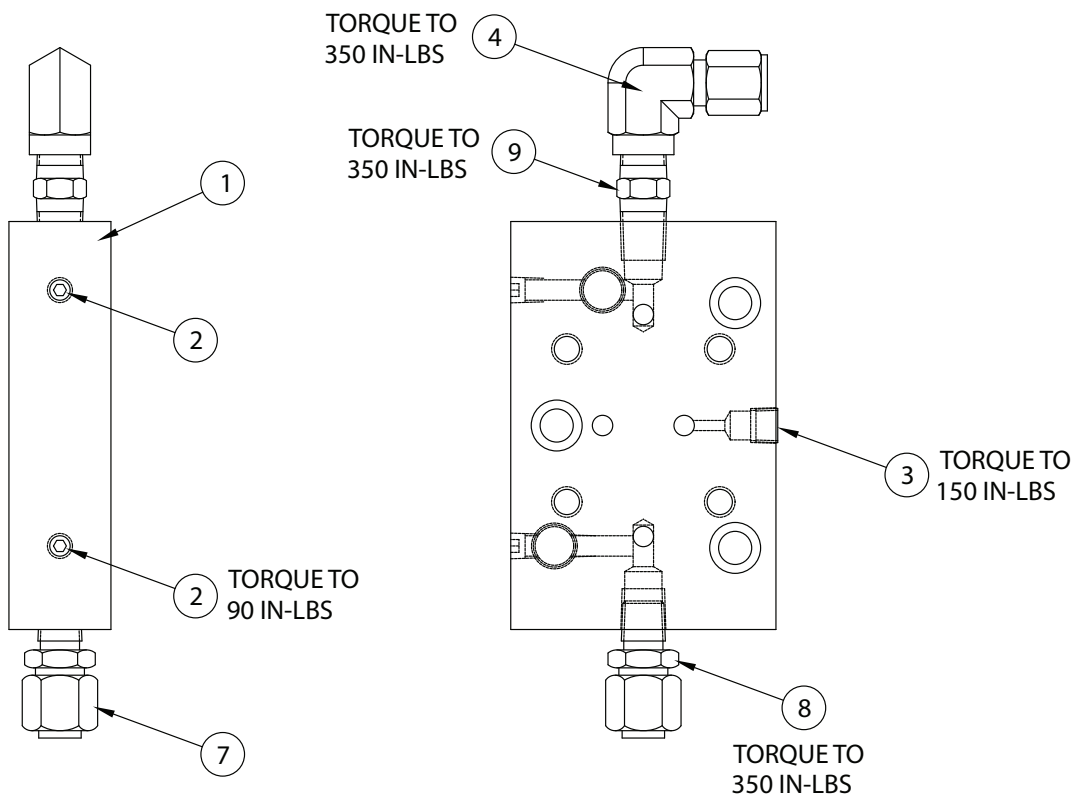


Repair Parts List (Refer to figure 20)

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	42307E	1	Locking Valve Body - Relief	12	68258E	1	Plug SAE #4
2A	(not available)	1	Spool Piston (old design)	13	84084E	1	Spring Washer
2B	42727E	1	Spool Piston (new design)	14	69870E	1	Spring Eyelet Lock
3A	5608106E	2	Backup Washer 8-106	15	▲	1	Seat - Ext Relief
3B	◇ 43927E	2	Backup Washer TEF -010	16	▲	1	Cone - Ext Relief
4A	5602106E	1	O-Ring 3/16 x 3/8"	17	▲	1	Spring - Relief Valve
4B	◇ B1005503	1	O-Ring 1/4 x 3/8"	18	66083E	1	Relief Valve Adjusting Scr.
5	68590E	1	Seat	19	40049E	3	1/16" Pipe Plug - Flush
6	92526E	1	Ball 9/32"	20	69518E	1	Screen O.C. Valve
7	69508E	1	Plug - Adapt P.R. Lock	21	42423E	1	Screen O.C. Valve
8	68183E	1	Gasket - Plug	22	69517E	1	Screen Cap
9	56020102E	3	O-Ring 1/4 x 3/8" Ureth	23	82522E	1	Pipe Plug 1/4" Flush
10	56020162E	1	O-Ring 5/8 x 3/4" Ureth	24	42726E	1	Washer PR Lock Block
11	68870E	1	Compression Spring	25	68871E	1	Compression Spring

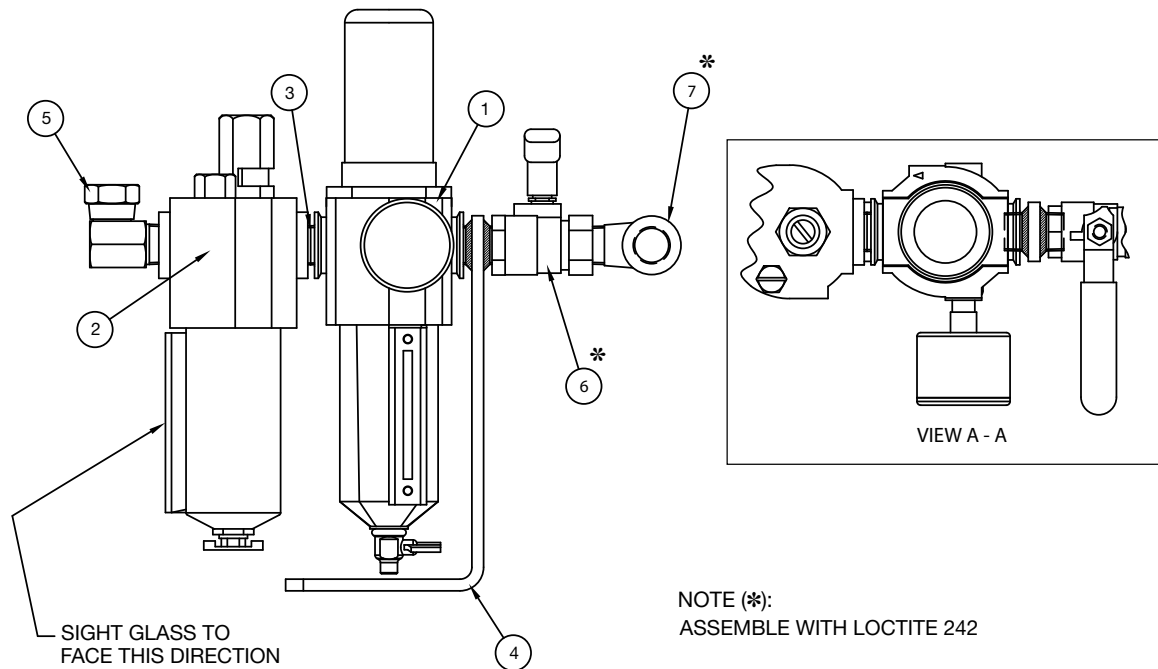
▲ Included in 55057K Relief Kit ◇ Included with item 2B

Figure 21 - 69749SR Manifold Assembly



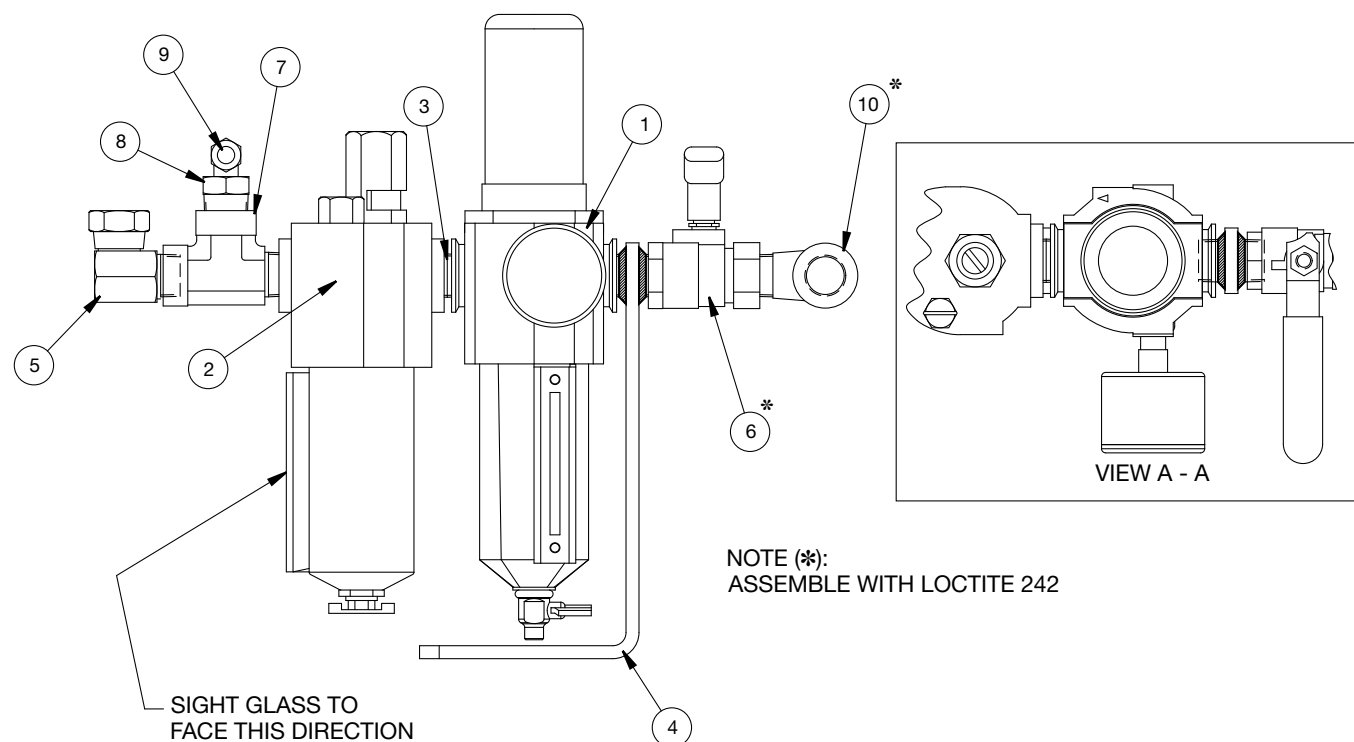
Repair Parts List (Refer to figure 16)							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	69429E	1	Manifold Pow'r Riser	7	45664E	1	O-Ring Face Seal Plug
2	40049E	2	1/16" Pipe Plug - Flush	8	45663E	1	O-Ring Face Tube Ftg 1/4"
3	81093E	1	Pipe Plug 1/8" Flush	9	4100067E	1	Nipple 1/4"
4	43166E	1	Elbow 90 3/8 - 1/4"				

**Figure 22 - DS1037900SR Filter Lube Assembly
(PRAMA Models Only)**



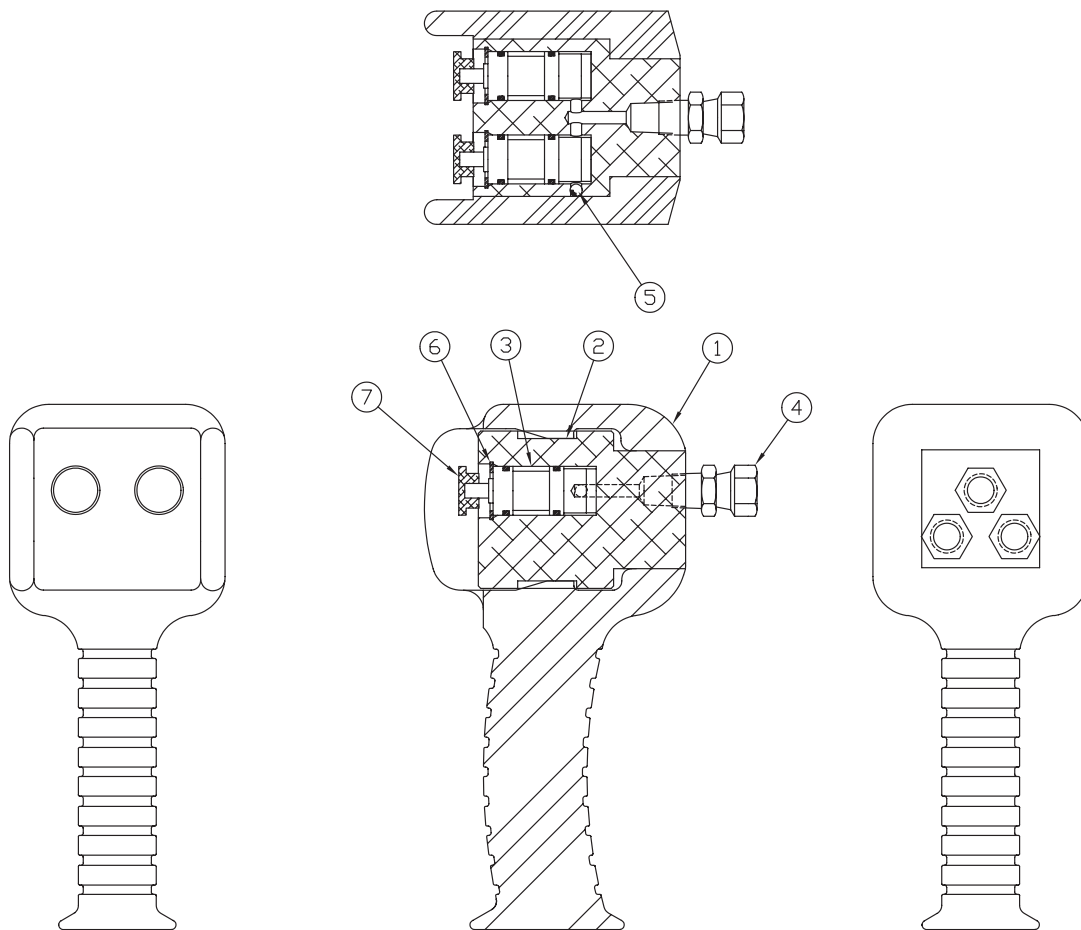
Repair Parts List (Refer to figure 22)			
Item	Part Number Models PRAMA10016L and PRAMA10027L	Qty.	Description
1	DS1018118E	1	Air Filter
2	86242E	1	Air Lubricator
3	69998E	1	Pipe Nipple
4	42511E	1	Bracket/Nipple Weldment
5	41763E	1	Swivel Male 1/2" NPTF
6	85851E	1	Air Valve
7	86244E	1	Street Elbow

**Figure 23 - DS1019900SR Filter Lube Assembly
(PRASA Models Only)**



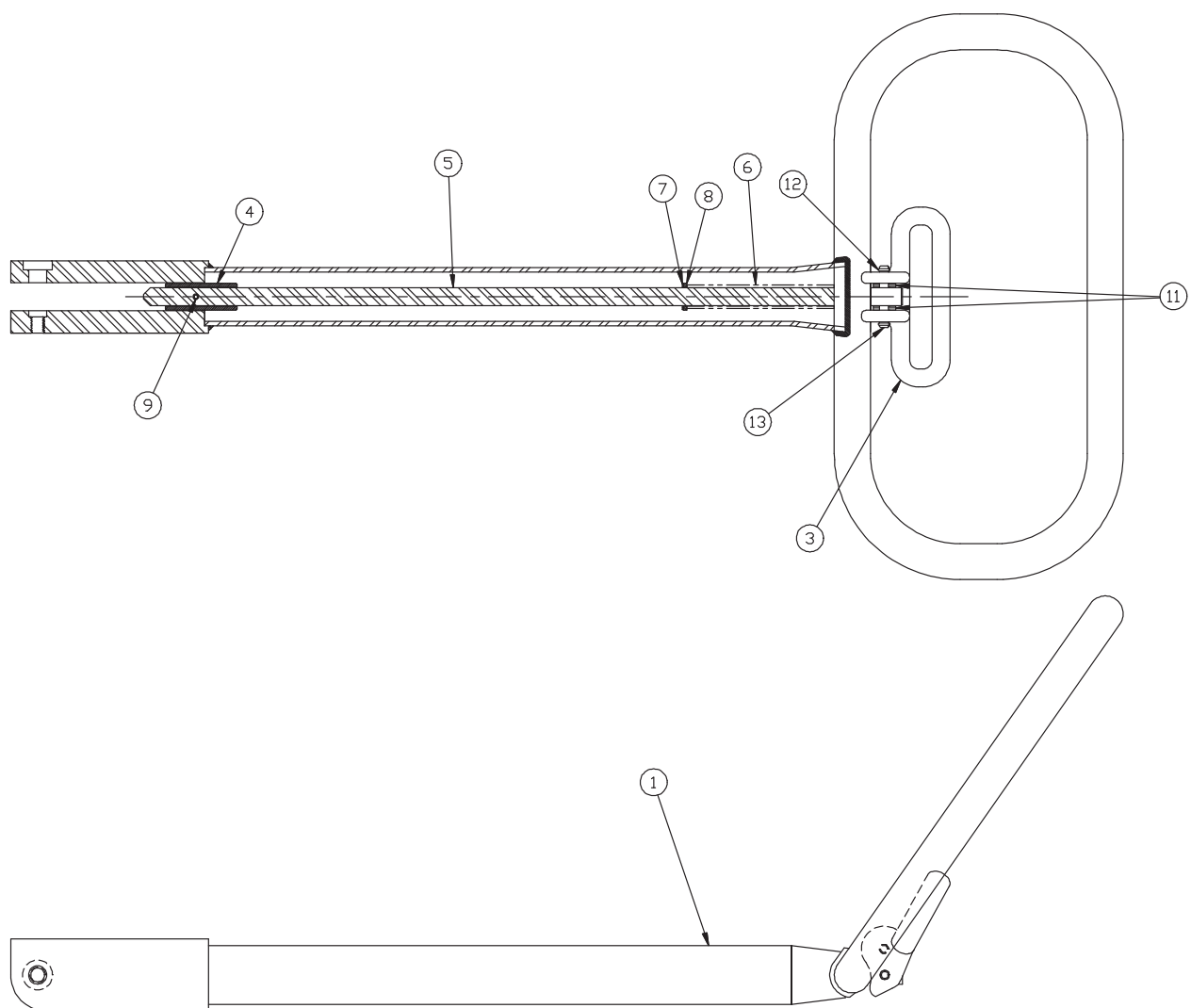
Repair Parts List (Refer to figure 23)			
Item	Part Number Models PRASA10016L and PRASA10027L	Qty.	Description
1	DS1018118	1	Filter/Regulator
2	86242E	1	Air Lubricator
3	69998	1	Pipe Nipple 1/2" BRS
4	42511E	1	Bracket/Nipple Weldment
5	41763E	1	Swivel Male 1/2" NPTF
6	85851E	1	Air Valve
7	42378E	1	Male Run Tee 1/2"
8	42377E	1	Pipe Adpter, 1/2-1/8"
9	42380E	1	Swivel Adapter, 1/8"-90
10	86244E	1	Street Elbow

**Figure 24 - 41950SR Motor Pendant
(PRASA Models Only)**



Repair Parts List (Refer to figure 24)			
Item	Part Number	Qty.	Description
1	41968E	1	Pendant Body
2	41969E	1	Block Air Pendent
3	41963E	2	Cartridge-Air
4	42381E	3	Swivel ADP 1/8"
5	6069613E	3	Ball 5/32"
6	68808E	2	Retaining Ring
7	41970E	2	Cartridge Cap

Figure 25 - 41961SR Upper Handle Assembly



Repair Parts List (Refer to figure 25)

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	41595E	1	Upper Weldment	8	41614E	1	Washer 9/16" ID x 3/32"
3	42368E	1	Handle Lock Lever	9	42497E	1	Roll Pin 5/32 x 7/8"
4	41600E	1	Sleeve	11	88429E	4	Washer SS 1/4"
5	41601E	1	Handle Rod	12	42340E	4	Pin Ring
6	41602E	1	Spring . 656 x 9.50"	13	42338E	2	Pin Handle Lever
7	41613E	1	E-Ring .8/.82 x .042				

NOTES:

[illegible]

NOTES:

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