

	Repair Parts Sheet
	HYP.R.2600.B

01/06

To Protect Your Warranty, Use Only CELETTE Hydraulic Oil.
 Celette recommends that all kit components be installed to insure optimum performance of the repaired unit.

NOTE: Storing the pump in the vertical position may cause it to lose its prime. If pump loses its prime:

1. Remove cover.
2. Remove relief valve.
3. Fill chamber with oil
4. Replace relief valve. Apply Loctite 545 to threads and torque to 10–12 ft-lbs. [14–16 Nm]
5. Replace pump cover. See Figure 1 for gasket orientation detail and cover screw torquing sequence.

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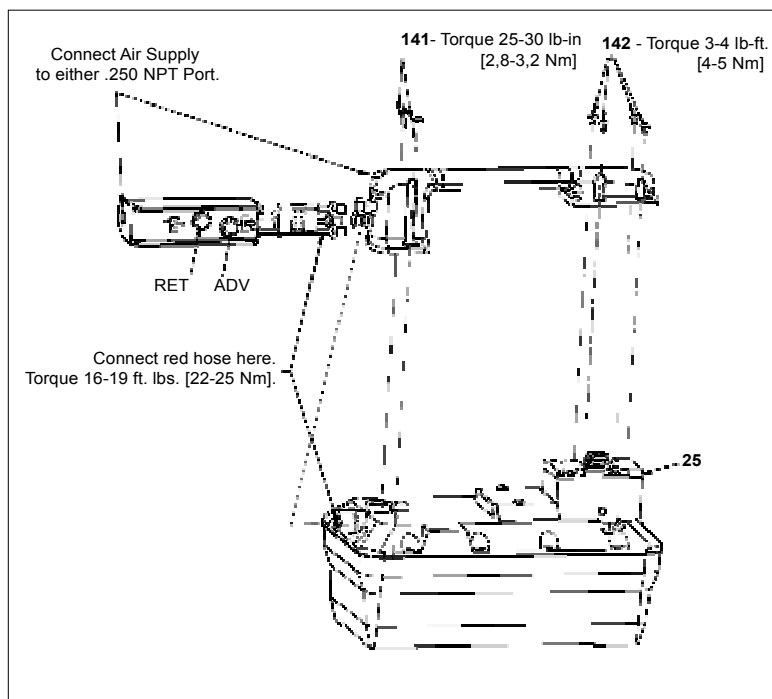


Figure 2a, Remote Pendant Turbo Pump Assembly

Repair Parts List for Figure 2a			
Item	Part Number	Qty.	Description
25	DC2355186	1	Valve Spacer
141	DA5938028	2	Hi Lo Screw
142	B1322028	4	10-32 x .50 Screw

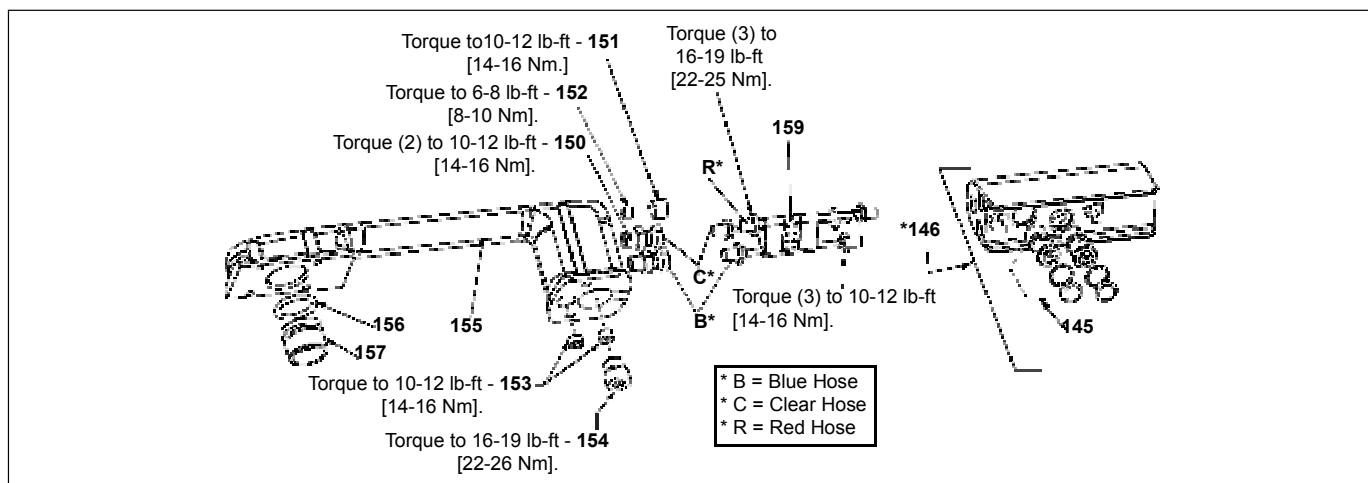


Figure 2b, Pendant Handle Assembly

Repair Parts List for Figure 2b							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
145	DC2363660SR	2	Air Cartridge Valve	154	B1005006	1	#6 SAE Hex Plug
*146	DC2354840SR	1	Air Pendant Assy. (Includes No 145)	155	DC2347070SR	1	Handle Assembly
150	DC2367006	2	1/8" NPT Swivel Fitting	156	□ B1018503	1	O-ring 70 DUPR -213
151	A1008245	1	Hex Plug	157	DC473051	1	Pneumatic Dump Piston
152	A1006245	1	1/16 Flush Plug w/ Sealant	159	DC2365646SR	1	Hose Assembly
153	A1007245	2	1/8 Flush Plug w/ Sealant				
□ Items included in Pump Repair Kit PATG1100K.							

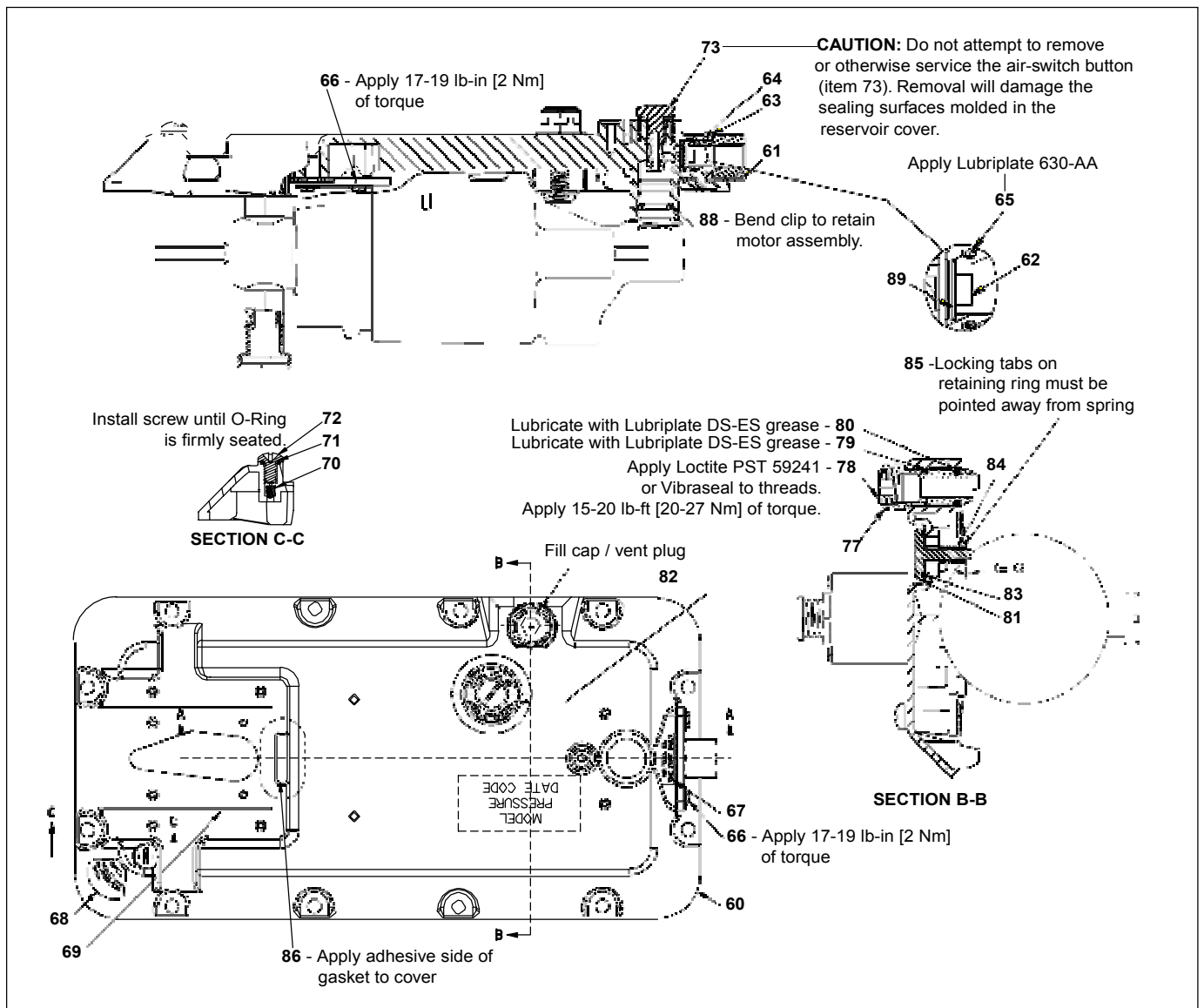
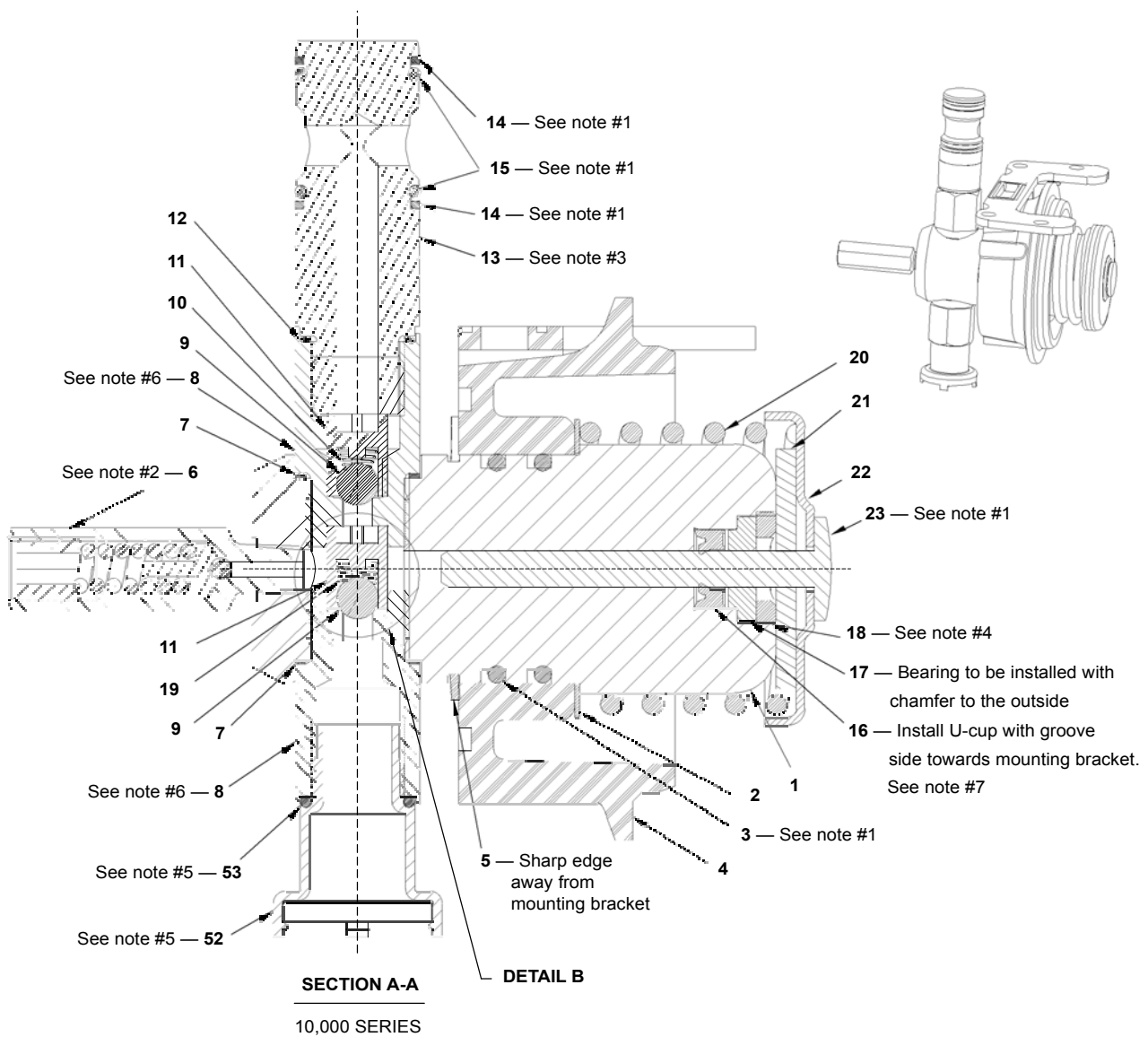


Figure 3

Repair Parts List for Figure 3							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
60	DC3913900SR	1	Black Cover Assy. (includes 61-87)	73	Not serviceable	1	Air Button
	DC3914900SR	1	Red Cover Assy. (includes 61-87)	77	DA4871118	1	Breather
61	DA5295034	1	Swivel Coupler	78	A1009245	1	3/8 Flush Plug W/Sealant
62	□ A8001018SR	1	Filter	79	□ DA5349503	1	O Ring (Wear Coated)
63	DA4847799	1	Stamped Bracket	80	□ B1010503	1	O Ring
64	DA5026349	1	Ret. Ring	81	DC708440	1	Poppet
65	□ B1220503	1	O Ring Ref B839503	82	U972038026-2	1	Breather Vent Decal
66	DA5938028	6	Hi Lo Screw	83	B1224503	1	O Ring Ref J711041
67	U972038026-3	1	Air Tool Oil Decal	84	DC821110	1	Compression Spring
68	DA7931026	1	Caution Decal	85	DC4077160	1	3/16" Retainer
69	□ DC4997900K	1	Gasket Set	86	□ DA6956037	1	Gasket
70	□ DA4390118	1	Filter	88	□ DA5521149	1	Retaining Pin
71	□ B1005503	1	O Ring	89	□ DC5217049	1	Retaining Ring
72	DC1522028	1	Phillips Heads Screw				
□ Items included in Pump Repair Kit PATG1100K.							



Notes:

1. Lubricate seals with moderate amount of DS-ES grease.
2. Apply Loctite 545 on threads, and apply 10—12 lb-ft [14-16 Nm] of torque to item #6.
3. Apply a 1/2 bead of Loctite 243 on threads and apply 34—41 lb-ft [46-55 Nm] of torque to item #13
4. Apply one drop of Loctite 242 on threads, and apply 16—18 lb-ft [22-24 Nm] of torque to item #18
5. Items #24 and #25 are installed finger tight.
6. Apply a 1/2 bead of Loctite 243 on threads and apply 38-45 lb-ft of torque to item #8.
7. If the pump comes with a step seal, a step seal should be used for replacement. If the pump comes with a u-cup, it should be replaced with a u-cup.

Figure 4

Repair Parts List for Figure 4							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	DC114030	1	Hydraulic Cylinder, Turbo 10 KSI	17	☐ CB624108	1	Bearing 10 KS
	DC116030	1	Hydraulic Cylinder, Turbo 3 KSI				
	DC115030	1	Hydraulic Cylinder, Turbo 5 KSI				
2	DA4298108	1	Washer	18	☐ DA1204044	1	Bearing Retainer 10 KSI
3	☐ B1258503	2	O-Ring				
4	DA4287111	1	Mtg. Bracket				
5	DA4343044	1	Bowed Ret. Ring	19	☐ DA6911210	1	Conical Spring
6	DA8802900SR	1	Relief Valve Assy	20	DA4285110	1	Spring
7	☐ DA3811167	2	Copper Gasket	21	DA6600108	1	Rubber Washer 10 KSI
8	DC283290SR	2	Seat				
9	☐ B1007016	2	1/4" Dia. Ball				
10	☐ DA4874110	1	Conical Spring	22	DA4284108	1	Spring Washer, Turbo, 10 KSI
11	☐ DA3682013	2	Ball Guide				
12	☐ DC170167	1	Copper Gasket				
13	DC5268SR	1	Pressure Tube 10 KSI	23	CB180040	1	Plunger, 10 KSI
14	☐ DA4974367	2	Backup Ring				
15	☐ B1016803	2	O-Ring – Global				
16	☐ CB918041	1	U-Cup 10 KSI	24			
				52	DC442900SR	1	Intake Tube Assy
				53	☐ B1221503	1	O-Ring Ref. C403503

See Note by Balloon 16 on Page 6.

☐ Items included as part of Repair Kits: (DC2222900K); Also included in complete Pump Repair Kit PATG1100K.

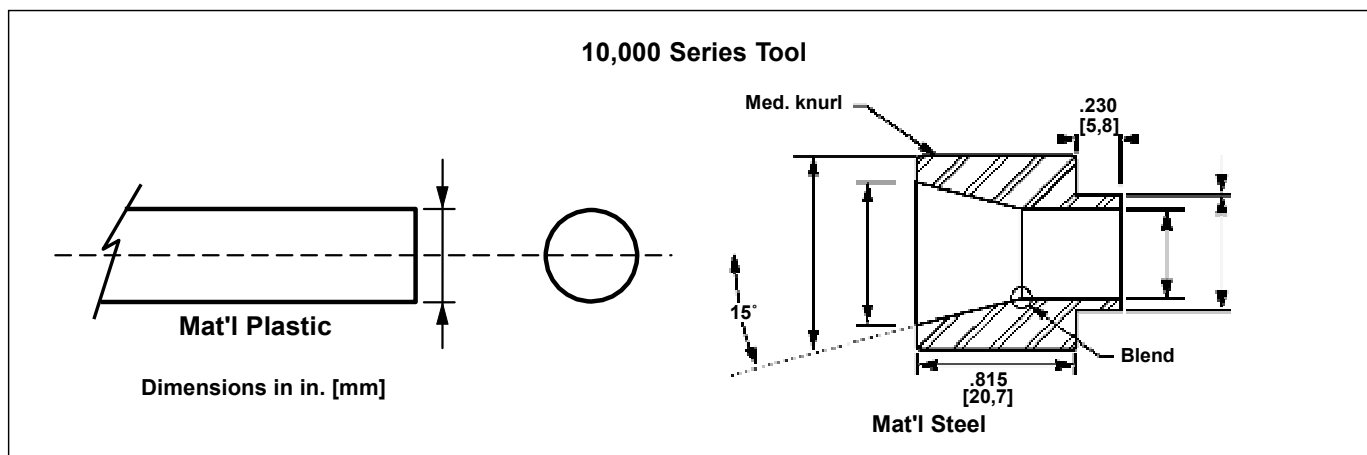


Figure 6

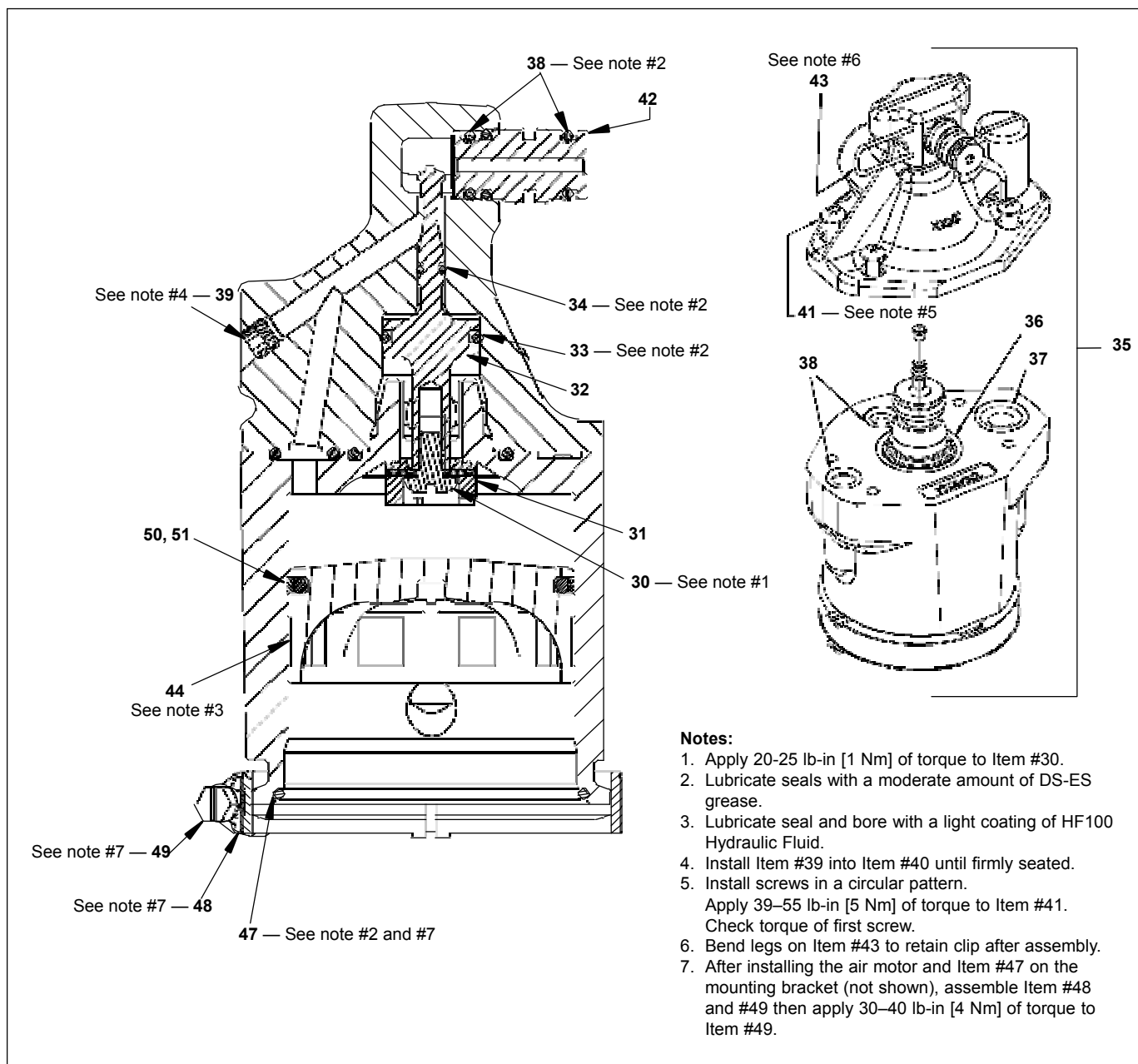


Figure 7

Repair Parts List for Figure 7							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
30	☐ DA7085028	1	Screw - .250-20 Special	41	DC2261628	4	Screw, Torx (.25-20 x .75 lg.)
31	☐ DA3706120	1	B/U Washer	42	DC2182099	1	Extension Fitting, Air Motor
32	☐ DC2234051	1	Piston	43	☐ DA5521149	1	Retaining Pin
33	☐ B1013503	1	O-Ring	44	DC4122051	1	Air Motor Piston
34	☐ B1001503	1	O-Ring (.12 x .25 x .06)	47	☐ B1282503	1	O-Ring
35	DC2200900SR	1	Air Motor, Complete	48	DA2687111	2	Clamp Brk.
36	☐ B1260503	1	O-Ring	49	DA2686299	1	Hose Clamp
37	☐ B1014503	1	O-Ring Ref M760041	50	☐ DC4119703	1	O-ring
38	☐ B1009503	4	O-Ring Ref K1041	51	☐ DC4120141	1	Glyde Ring
39	A1006245	1	1/16 Flush Plug w/Sealant				
☐ Items included in and available only as part of Repair Kit DC2234900SR. Also included in complete Pump Repair Kit PATG1100K.							

Notes:

1. Torque Item #19 to 72–78 lb-ft [98-105 Nm] with threads lubricated.
2. Torque Item #11 to 17–19 lb-in [2 Nm].
3. Lubricate all seals and mating surfaces w/DS-ES Grease prior to assembly unless otherwise noted.
4. Prior to assembling Item #6 seat, coin seat with a $\varnothing$.219 ball to a force of 95–105 lbs. [444 N].

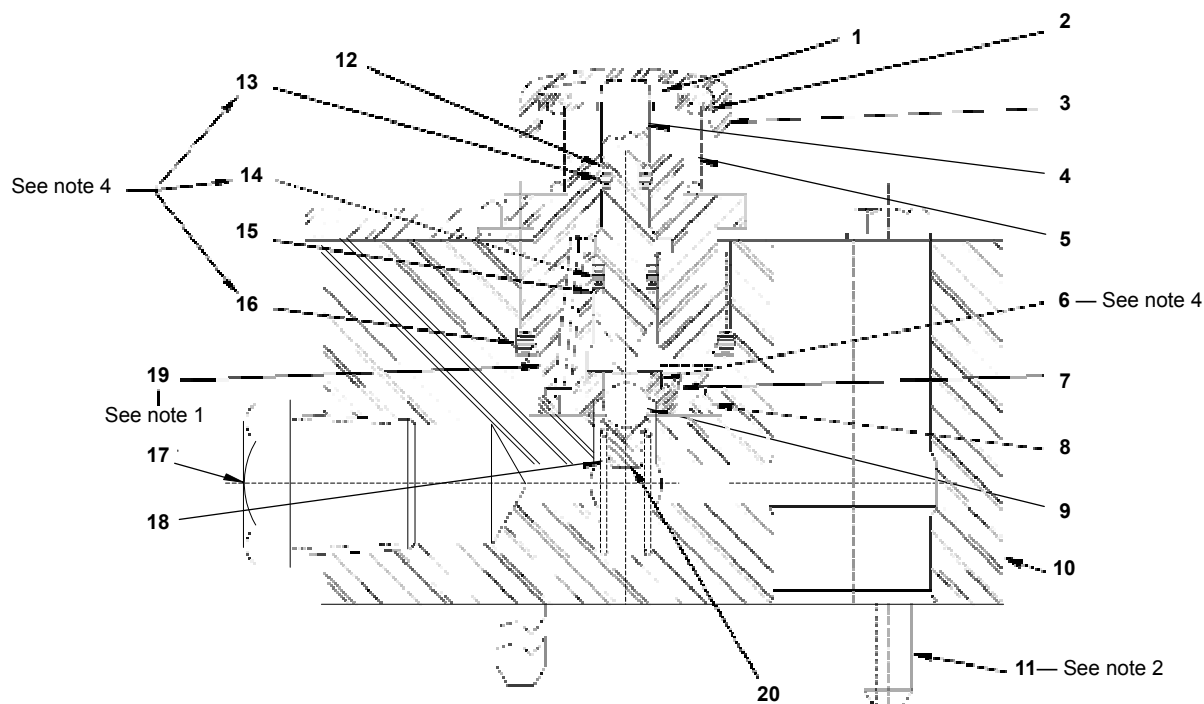


Figure 8

Repair Parts List for Figure 8							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	☐ DA5025349	1	Ret. Ring	11	DA4294028	4	Thd. Form Screw
2	DA4848108	1	Spring Washer	12	☐ B1006564	1	B/U Washer
3	☐ DA4831020	1	Cap	13	☐ B1001503	1	O-Ring (.12 x .25 x .06)
4	DA4832040	1	Release Plunger	14	☐ B1003503	1	O-Ring (.19 x .31 x .06) BUNA
5	☐ DA6971110	1	Spring	15	☐ B1008564	1	Back-up Washer
6	☐ CB581290	1	Ball Seat	16	☐ B1118903	1	O-Ring
7	☐ P20037	1	Gasket	17	R515245-2	1	Plug
8	☐ CL344167	1	Gasket	18	☐ CJ656110	1	Spring
9	☐ B1006016	1	$\frac{7}{32}$ " Dia. Ball	19	DA4872013	1	Release Guide
10	DA4833190	1	Manifold	20	☐ DA7572013	1	Ball Guide
☐ Items included in and available only as part of Repair Kit DA4836900K1. Also included in complete Pump Repair Kit, PATG1100K.							

Table 1 – Relief Valve Setting		
Pump Model	Pressure Rating	Relief Valve Pressure Setting
HYP.R.2600.B	700 BAR	728 to 770 BAR

All Celette products are guaranteed against defects in workmanship and materials for as long as you own them.

01/06