Flexorber

Under Licence From Martin Packer since 1963

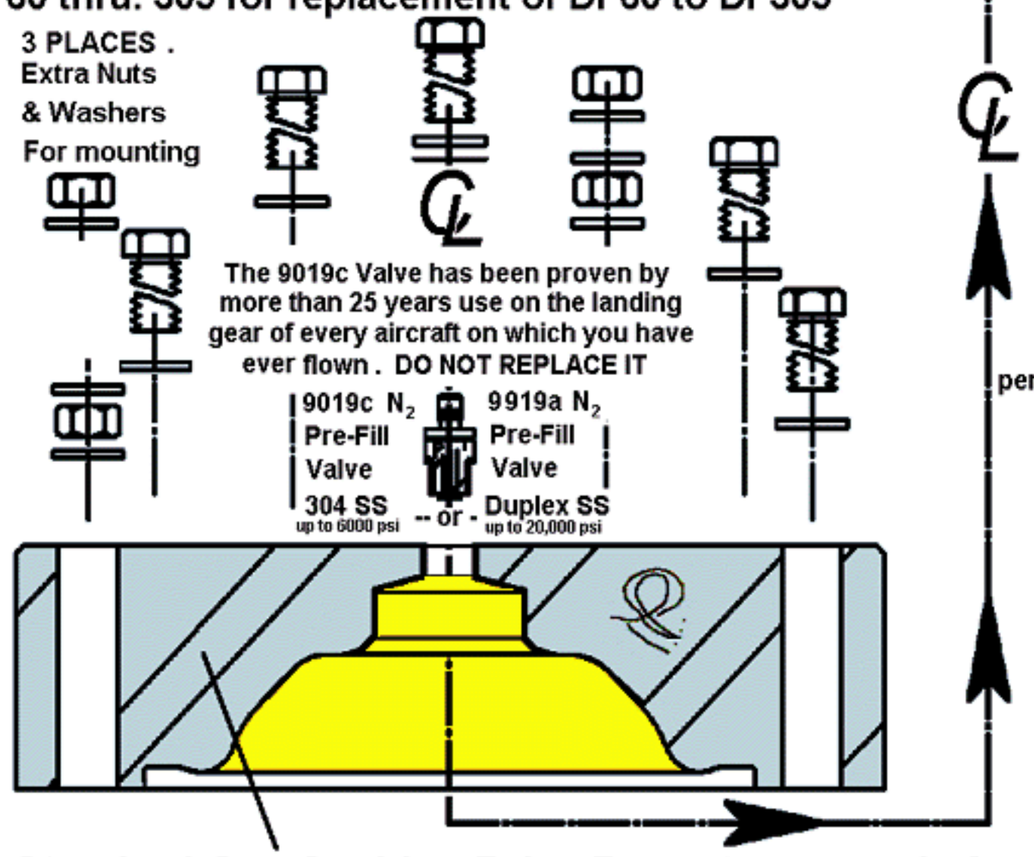
Combination Flow Fluctuation reducer
And Pressure Pulsation interceptor
"Dampers that do Flow goes through"

TOXIC, PYROFORIC, CARCINOGENIC & HAZARDOUS	COMPRESSIBLE CUSHION VOLUME, FOR FLOW FLUCTUATION	LONGEST LIFE LOWEST COST MODIFIED TFE DIAPHRAGM	SA 240 DUAL CERTIFIED 316-316L, not titanium modified	2nd Layer, Modified PTFE For Greater Impermeability	High Temp Ethylene Propylene Ter-Polymer	TACKYFIED Glass Filament strands
LIQUIDS	OXYGEN FREE, DRY NITROGEN "O. F. N."	FLEXFLON	STAINLESS or A20, HC276 etc.	FLEXFLON	ELASTOMER	FIBER

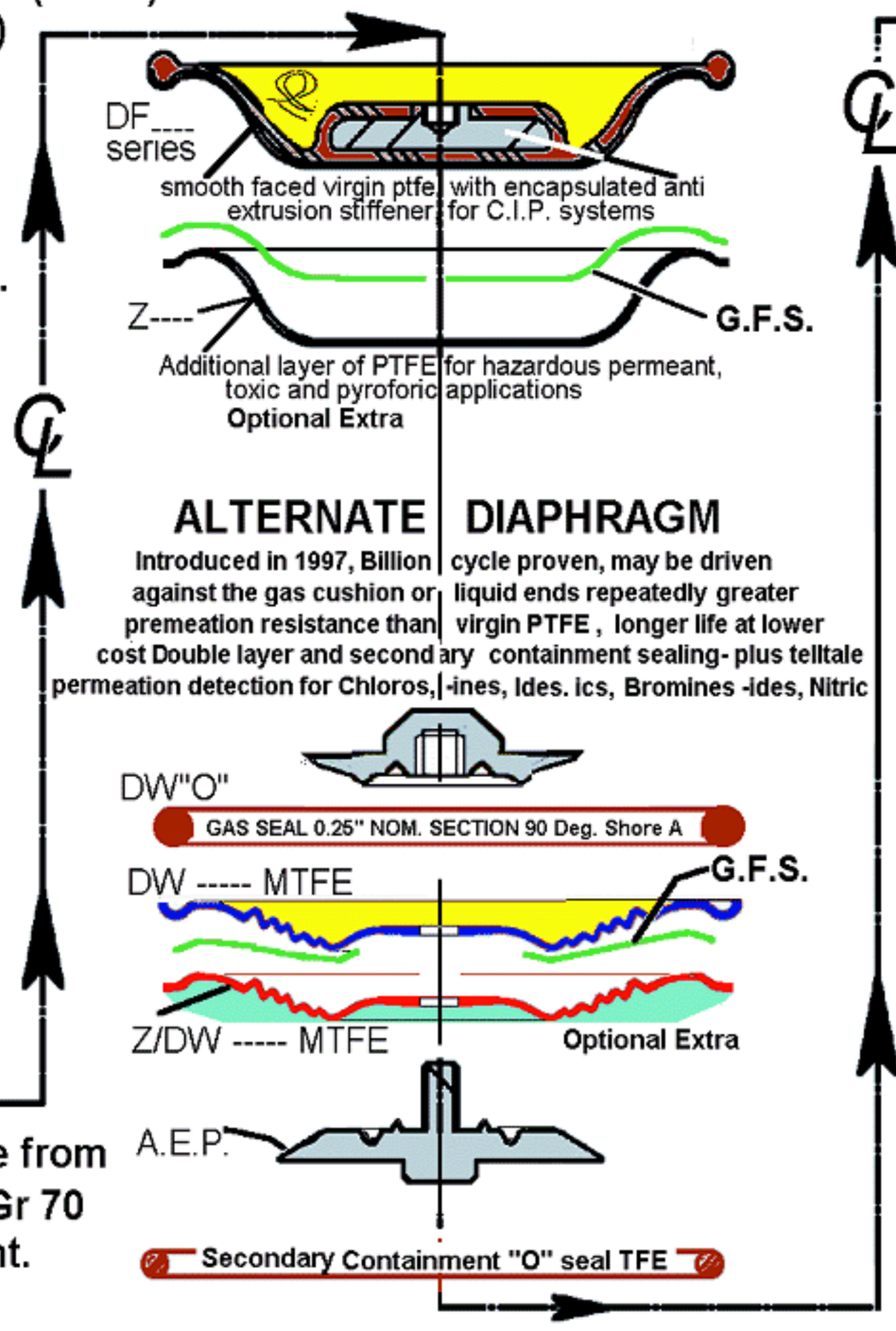
This service and re-assembly instruction covers the following :-

Part Numbers - FL- LP 0.5in3 (8.0ml) through 10 in3 (160ml)
FLO (Items having secondary containment sealing)
Z/FLO-- (Items having double layer diaphragms)
2000 psi (140 Br.) through 6000 psi (400 Br.)
10 in3 (160 ml.) through 800 in3 (13 Lt.)

NOTE : The DW --- series of long life lower cost diaphragm replacements are available with DW nbrs. 60 thru. 305 for replacement of DF60 to DF305

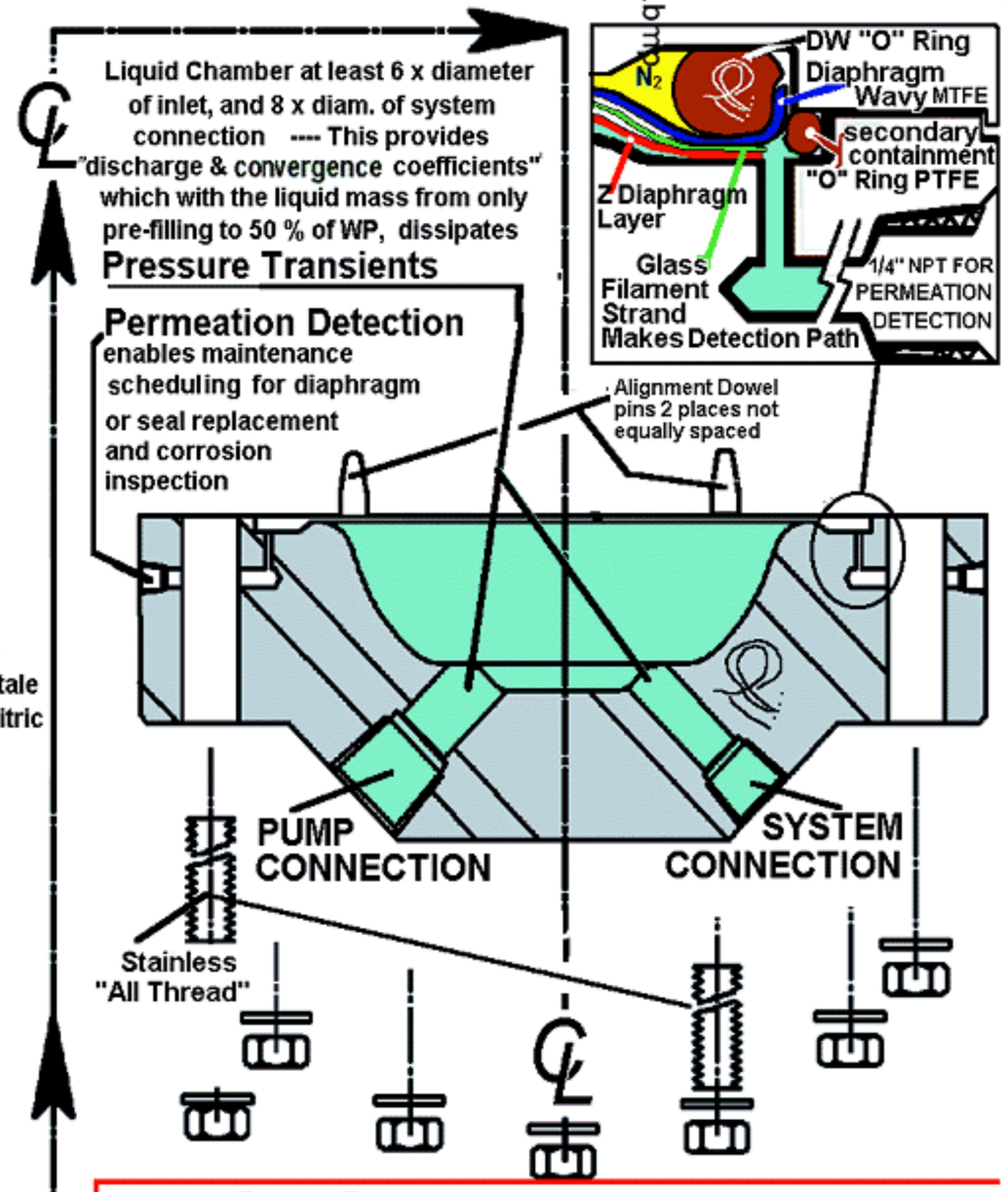


Standard Gas Cushion Drive Bonnets are made from SA 516 Gr 70 Pressure Vessel Quality Plate . Gr 70 because there is no welding on this component.
Any other material is available at extra cost.

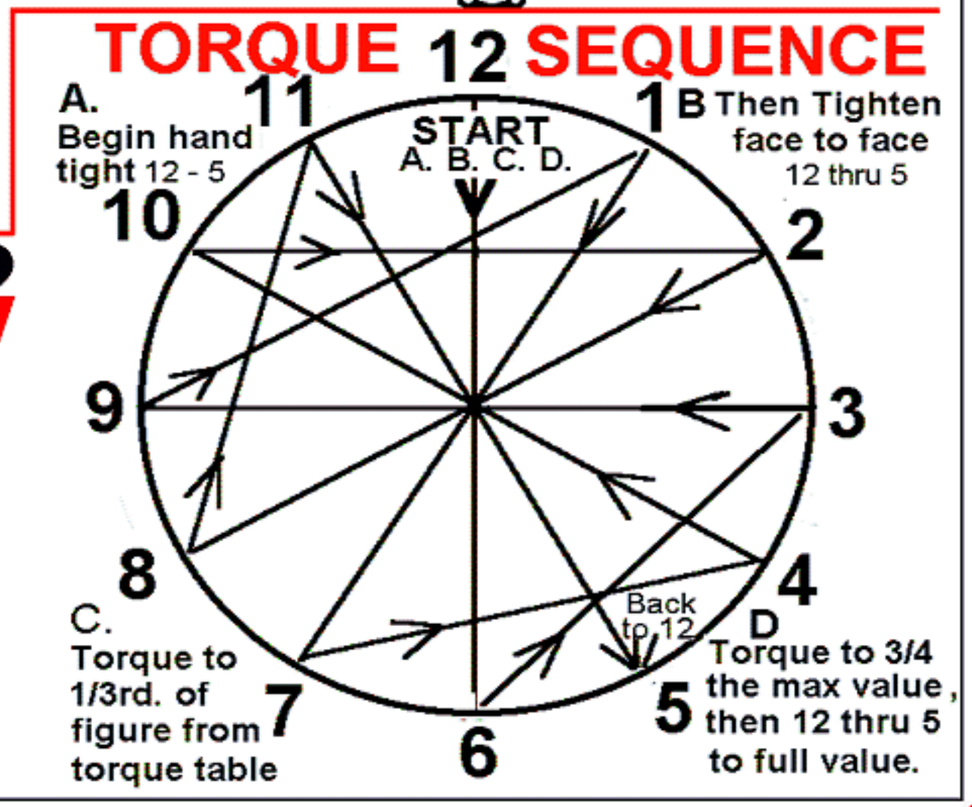


ALTERNATE DIAPHRAGM

Introduced in 1997, Billion cycle proven, may be driven against the gas cushion or liquid ends repeatedly greater premeation resistance than virgin PTFE , longer life at lower cost Double layer and secondary containment sealing- plus telltale permeation detection for Chloros, -ines, Ides. ics, Bromines -ides, Nitric



TORQUE SEQUENCE



Recommended tightening torque values, by bolt diameter and bolt grade .
Using anti-seize, these figures produce a preload aprox. 70% of min. yield .

Class	Torque	Metric Std.M10	M12	M16	M20	M24	M27	M30		
UNC		5/16"	3/8"	1/2"	5/8"	3/4"	1.0"	1 1/8"	1 1/4"	1 3/8"	1 1/2"
316ss	Nm	16	30	46	100	184	223	308	380	470	610
B8M & A4	Ft.Lbs	12	22	34	80	135	165	230	280	350	454
304ss	Nm	20	40	60	130	240	290	400	495	610	791
B8 & A2	Ft.Lbs	16	28	44	100	175	214	300	365	455	590
8.8	Nm	18	34	60	146	287	500	736	1000	1356	1760
	Ft.Lbs.	13	25	44	108	212	370	543	734	1000	1230
SA 193 Gr7											
10.9	Nm.	25	49	85	209	407	720	1040	1356	2206	2856
	Ft.Lbs.	18	35	63	154	300	518	766	1000	1280	1661
12.9	Nm.	29	60	103	251	488	839	1246	1627	2206	2863
	Ft.Lbs.	21	44	76	185	360	619	919	1200	1535	1992

PULSEGUARD Inc.
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