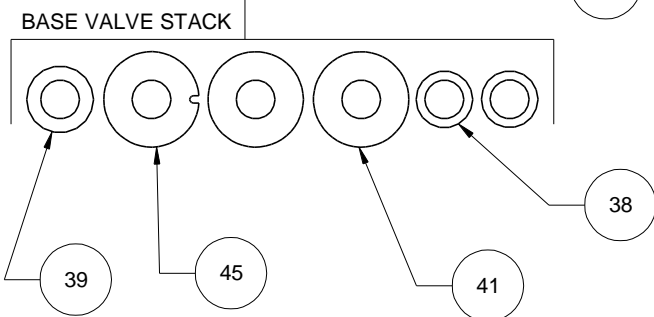
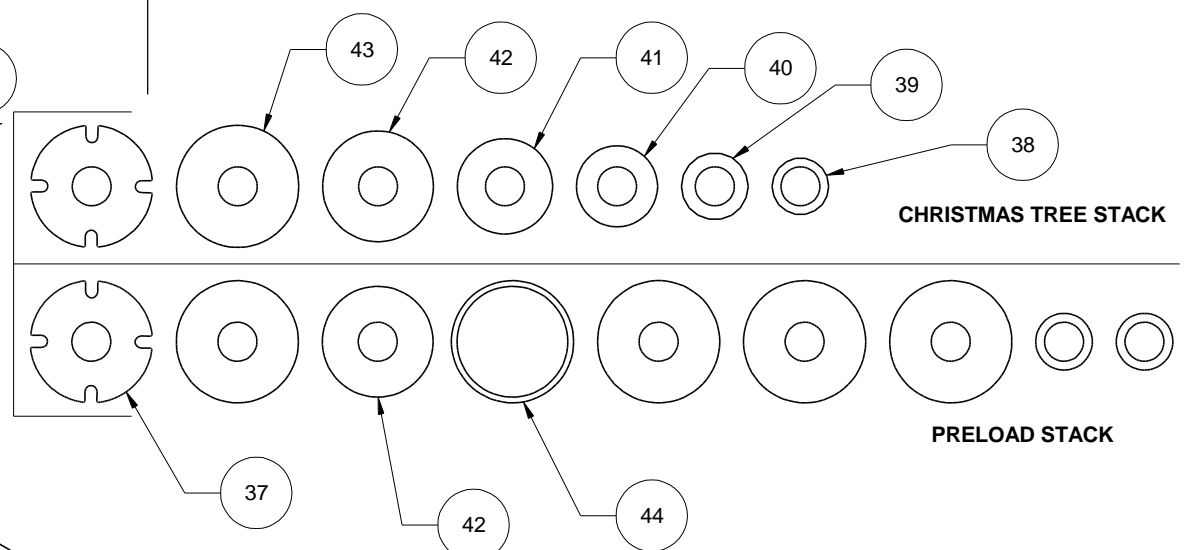


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



NOTE: 1. BASE VALVE SHOCKS REQUIRE 1" SHORTER PISTON ROD (33).

2. BASE VALVE SHOCKS CAN BE BUILT AS NSV BY CHANGING 310 30440X (32) TO 310 30441X

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BREAK EDGES .010 +/- 0.005" X 45°, FILLET RADII 0.010" +/- 0.005" TOLERANCES (UOS): .XX +/- .01", .XXX +/- .003", ANG +/- 0.5° ALL SURFACE FINISHES TO BE Ra 64 OR BETTER UNLESS OTHERWISE SPECIFIED.

PART DESCRIPTION			
STEEL BODY BASE VALVE - EXPLODED			
MATERIAL		MATERIAL	
DRAWN BY		APPROVAL	
KWK		MLZ	
SIZE	FSCM NO.	DWG NO.	REV
B		310 402XXS	B
SCALE		SHEET	
1" = 2.5"		1 OF 2	



Item Number	Quantity	Part Number	Part Name
1	1	310 30337-2	Tank Valve Cap
2	1	310 30211	Rod Guide O-ring, Primary
3	2	SEE BLOW UP	Disc Stack, Standard
4	1	310 30215	Piston Band Energizing O-Ring
5	2	310 30281	Seal - Low Friction_B
6	1	310 30334	Standard Floating Piston
7	1	310 30281	Seal - Low Friction_A
8	1	310 30322/30323/30325	Piston, Digressive/Linear/Linear-Digressive
9	1	310 30217	Piston Washer
10	1	310 30224	Steel Rod End, Assembly
11	1	310 40TKVL001312	Tank Valve
12	1	310 3044X-2	Steel Pressure Tube - BV (Specify Length)
13	1	310 30280	Wiper - Low Friction
14	1	310 30210	Rod Guide O-ring, Secondary
15	2	310 30328	Retaining Ring, Spherical Bearing
17	1	310 30216	Piston Nut
18	2	310 30335	Standard Disc Travel Limiter
19	1	310 30213	Floating Piston O-ring
20	1	310 30226	Steel Rod Guide, Assembly
21	1	310 30218	Travel Marker
23	1	310 30214	Piston Band
26	2	310 30327	Spherical Bearing
28	1	310 30350	Floating Piston Retaining Ring
30	1	310 30439	New Style Steel End Cap Seal
31	1	310 30338	7/16" x 11/16" Jam Nut
32	1	310 30440	Steel End Cap, Assembly
33	1	310 3031X	Standard Piston Rod
36	1	310 30300-1	Rod Guide DU Bearing
37	1	310 BD0XX-X	Bleed Disc (Specify Thickness and Bleed)
38	1	310 MVD594020	Backup Disc/Torque Washer
39	1	310 MVD70XX	.700" DIA Main Valve Disc (Specify Thickness)
40	1	310 MVD850XX	.850" DIA Main Valve Disc (Specify Thickness)
41	1	310 MVD10XX	1.00" DIA Main Valve Disc (Specify Thickness)
42	1	310 MVD1160XX	1.16" DIA Main Valve Disc (Specify Thickness)
43	1	310 MVD1280XX	1.28" DIA Main Valve Disc (Specify Thickness)
44	1	310 PR1280XX	Preload Ring (Specify Thickness)

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	RELEASED	22 MAR 2010	
	B	UPDATED END CAP PART # UPDATED PRESSURE TUBE PART # CREATED 3D MODEL	7 JULY 2011	

PARTS REQUIRED FOR BASE VALVE ASSEMBLY

Item Number	Quantity	Part Number	Part Name
16	1	310 30347	Base Valve Check Disc Retaining Ring
22	1	310 30370	Base Valve Check Disc
24	1	310 30346	Base Valve Body
25	1	310 30351	Check Spring
27	1	310 30349	Double Spun Retaining Ring
29	1	310 30348	Base Valve Wave Ring
34	1	SEE BLOW UP	Base Valve Disc Stack
35	1	310 30345	Base Valve Bolt
45	1	310 BD-100006-X	1.00" Bleed Disc (Specify Bleed)
46	1	310 30211	Rod Guide O-ring, Primary

PART DESCRIPTION			
STEEL BODY BASE VALVE - PARTS LIST			
MATERIAL			
MATERIAL			
DRAWN BY		APPROVAL	
KWK		MLZ	
SIZE	FSCM NO.	DWG NO.	REV
B		310 402XXS	B
SCALE		SHEET 2 OF 2	

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