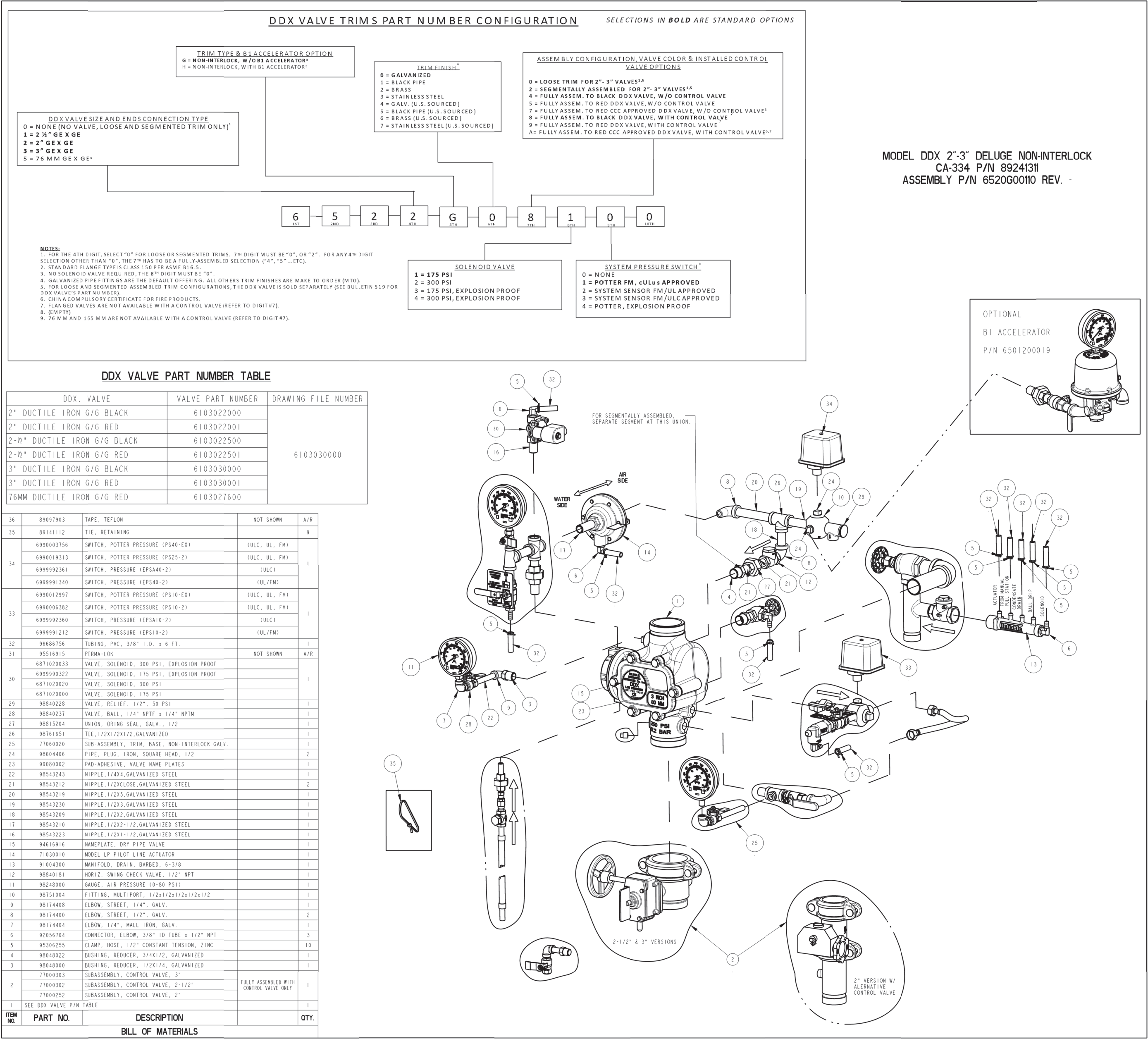
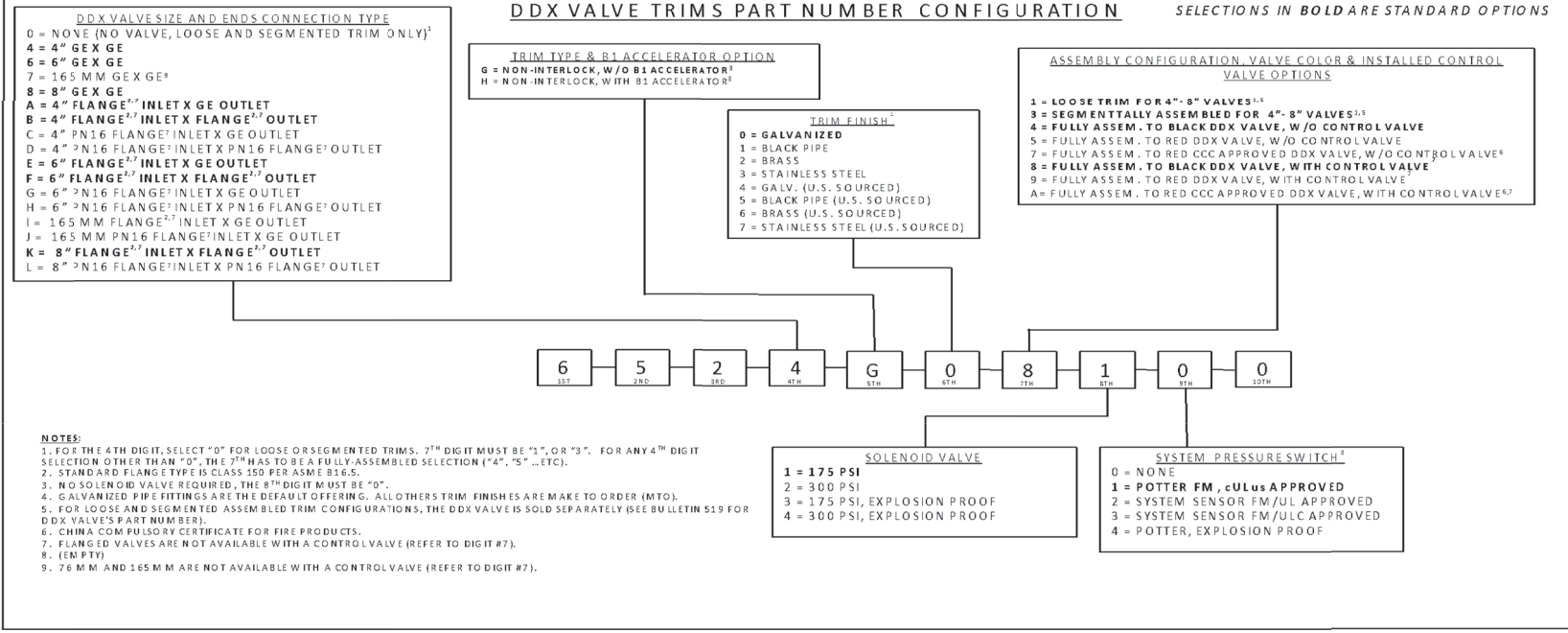




DDX VALVE PART NUMBER TABLE		
DDX. VALVE	VALVE PART NUMBER	DRAWING FILE NUMBER
4" DUCTILE IRON G/G BLACK	6103040026	6103040026
4" DUCTILE IRON G/G RED	6103040030	
4" DUCTILE IRON F/G CLASS 150 BLACK	6103040044	
4" DUCTILE IRON F/G CLASS 150 RED	6103040046	
4" DUCTILE IRON F/G PN16 RED	6103040048	
4" DUCTILE IRON F/F CLASS 150 BLACK	6103040045	
4" DUCTILE IRON F/F CLASS 150 RED	6103040047	
4" DUCTILE IRON F/F PN16 RED	6103040049	6103060024
6" DUCTILE IRON G/G BLACK	6103060024	
6" DUCTILE IRON G/G RED	6103060030	
6" DUCTILE IRON F/G CLASS 150 BLACK	6103060045	
6" DUCTILE IRON F/G CLASS 150 RED	6103060048	
6" DUCTILE IRON F/G PN16 RED	6103060049	
6" DUCTILE IRON F/F CLASS 150 BLACK	6103060046	
6" DUCTILE IRON F/F CLASS 150 RED	6103060047	
6" DUCTILE IRON F/F PN16 RED	6103060050	6103060024
165MM DUCTILE IRON G/G RED	6103060028	
165MM DUCTILE IRON F/G CLASS 150 RED	6103060051	
165MM DUCTILE IRON F/G PN16 RED	6103060052	
8" DUCTILE IRON G/G BLACK	6103080001	
8" DUCTILE IRON G/G RED	6103080003	
8" DUCTILE IRON F/F CLASS 150 BLACK	6103080016	
8" DUCTILE IRON F/F CLASS 150 RED	6103080018	6103080001
8" DUCTILE IRON F/F PN16 RED	6103080020	

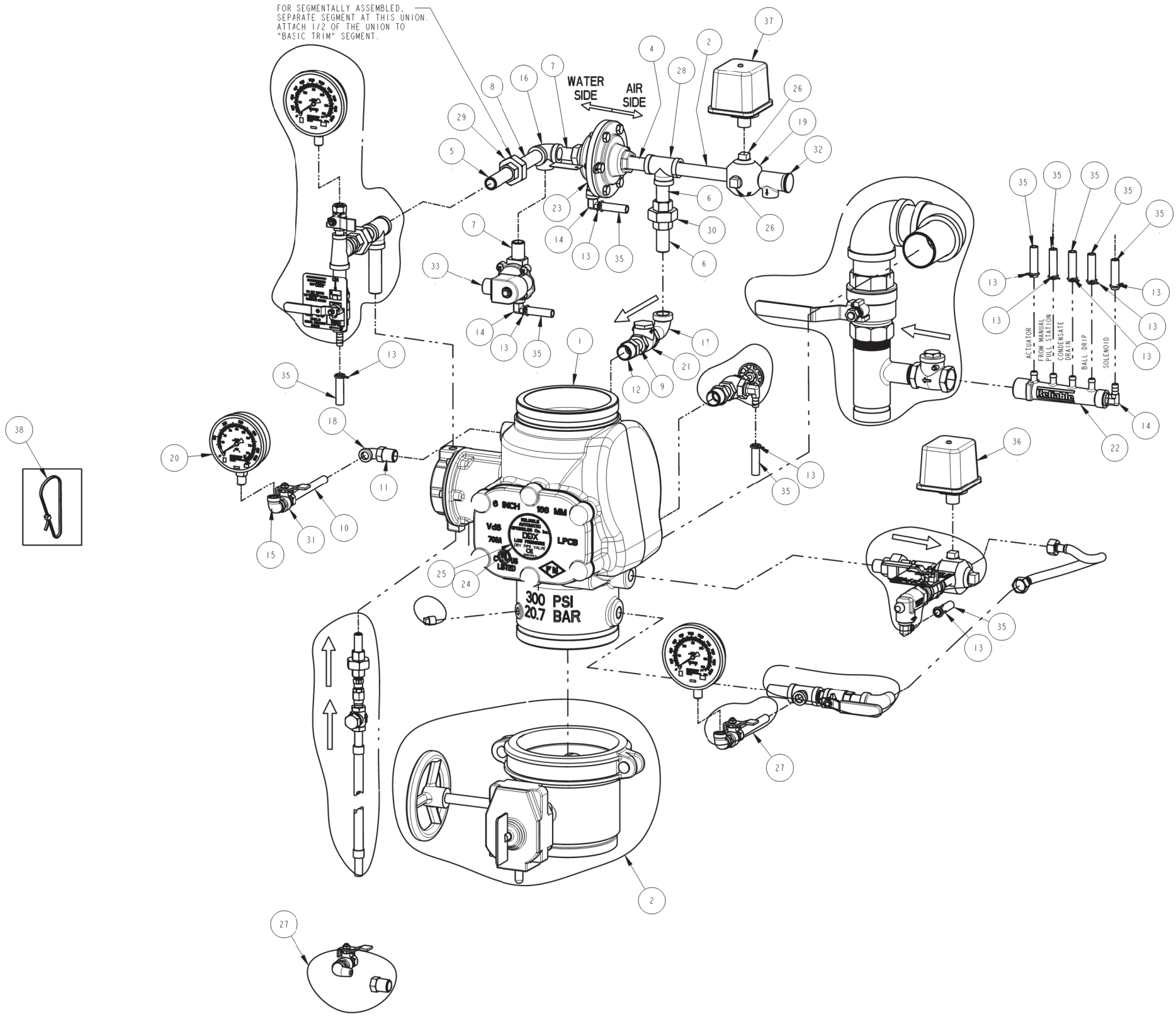


MODEL DDX 4", 6" & 8" DELUGE NON-INTERLOCK

CA-335 P/N 89241312

ASSEMBLY P/N 6520G0110 REV. -

38	89141112	TIE, RETAINING		9
	6990003756	SWITCH, POTTER PRESSURE (PS40-EX)	(ULC, UL, FM)	
	6990019313	SWITCH, POTTER PRESSURE (PS25-2)	(ULC, UL, FM)	
37	6999992361	SWITCH, PRESSURE (EPS40-2)	(ULC)	
	6999991340	SWITCH, PRESSURE (EPS40-2)	(UL/FM)	
	6990012997	SWITCH, POTTER PRESSURE (PS10-EX)	(ULC, UL, FM)	
36	6990006382	SWITCH, POTTER PRESSURE (PS10-2)	(ULC, UL, FM)	
	6999992360	SWITCH, PRESSURE (EPS10-2)	(ULC)	
	6999991212	SWITCH, PRESSURE (EPS10-2)	(UL/FM)	
35	96686756	TUBING, PVC, 3/8" I.D. x 6 FT.		
34	95516915	PERMA-LOK	NOT SHOWN	A/R
	681020033	VALVE, SOLENOID, 300 PSI, EXPLOSION PROOF		
33	6959990322	VALVE, SOLENOID, 175 PSI, EXPLOSION PROOF		
	681020020	VALVE, SOLENOID, 300 PSI		
	681020000	VALVE, SOLENOID, 175 PSI		
32	98840228	VALVE, RELIEF, 1/2", 50 PSI		
31	98840237	VALVE, BALL, 1/4" NPTF x 1/4" NPTM		
30	98815204	UNION, ORING SEAL, GALV., 1/2"		
29	98815200	UNION, 1/2", IRON, G.J., GALV.		
28	98761651	TEE, 1/2X1/2X1/2, GALVANIZED		
27	71000266	SUB-ASSEMBLY, TRIM, BASE, GALVANIZED PIPE		
26	98604406	PIPE, PLUG, IRON, SQUARE HEAD, 1/2"		
25	95080002	PAD-ADHESIVE, VALVE NAME PLATES		
24	94616916	NAMEPLATE, DRY PIPE VALVE		
23	71030010	MODEL LP PILOT LINE ACTUATOR		
22	91004300	MANIFOLD, DRAIN, BARBED, 6-3/8"		
21	98840181	HORIZ. SWING CHECK VALVE, 1/2" NPT		
20	98248000	GAUGE, AIR PRESSURE (0-80 PSI)		
19	98751004	FITTING, MULTI-PORT, 1/2X1/2X1/2X1/2		
18	98174408	ELBOW, STREET, 1/4", GALV.		
17	98174400	ELBOW, STREET, 1/2", GALV.		
16	98174700	ELBOW, SIDE OUTLET, 1/2", 90°, GALV.		
15	98174404	ELBOW, 1/4", MALL IRON, GALV.		
14	92056704	CONNECTOR, ELBOW, 3/8" ID TUBE x 1/2" NPT		
13	95306255	CLAMP, HOSE, 1/2" CONSTANT TENSION, ZINC		
12	98048022	BUSHING, REDUCER, 3/4X1/2, GALVANIZED		
11	98048000	BUSHING, REDUCER, 1/2X1/4, GALVANIZED		
10	98543217	NIPPLE, 1/4X6, GALVANIZED STEEL		
9	98543212	NIPPLE, 1/2X1/2, GALVANIZED STEEL		
8	98543216	NIPPLE, 1/2X3-1/2, GALVANIZED STEEL		
7	98543223	NIPPLE, 1/2X1-1/2, GALVANIZED STEEL		
6	98543209	NIPPLE, 1/2X2, GALVANIZED STEEL		
5	98543230	NIPPLE, 1/2X3, GALVANIZED STEEL	4" & 6" VERSION	
	98543202	NIPPLE, 1/2X5-1/2, GALVANIZED STEEL	8" VERSION	
4	98543209	NIPPLE, 1/2X2, GALVANIZED STEEL	4" & 6" VERSIONS	
	98543230	NIPPLE, 1/2X3, GALVANIZED STEEL	8" VERSION	
	98543230	NIPPLE, 1/2X3, GALVANIZED STEEL	4" VERSION	
3	98543228	NIPPLE, 1/2X4-1/2, GALVANIZED STEEL	6" VERSION	
	98543204	NIPPLE, 1/2X6, GALVANIZED STEEL	8" VERSION	
	77000308	SUBASSEMBLY, CONTROL VALVE, 8"	FULLY ASSEMBLED WITH CONTROL VALVE ONLY	
2	77000306	SUBASSEMBLY, CONTROL VALVE, 6"		
	77000304	SUBASSEMBLY, CONTROL VALVE, 4"		
1	SEE DDT VALVE P/N TABLE			
ITEM NO.	PART NO.	DESCRIPTION	REMARKS	QTY.
BILL OF MATERIALS				

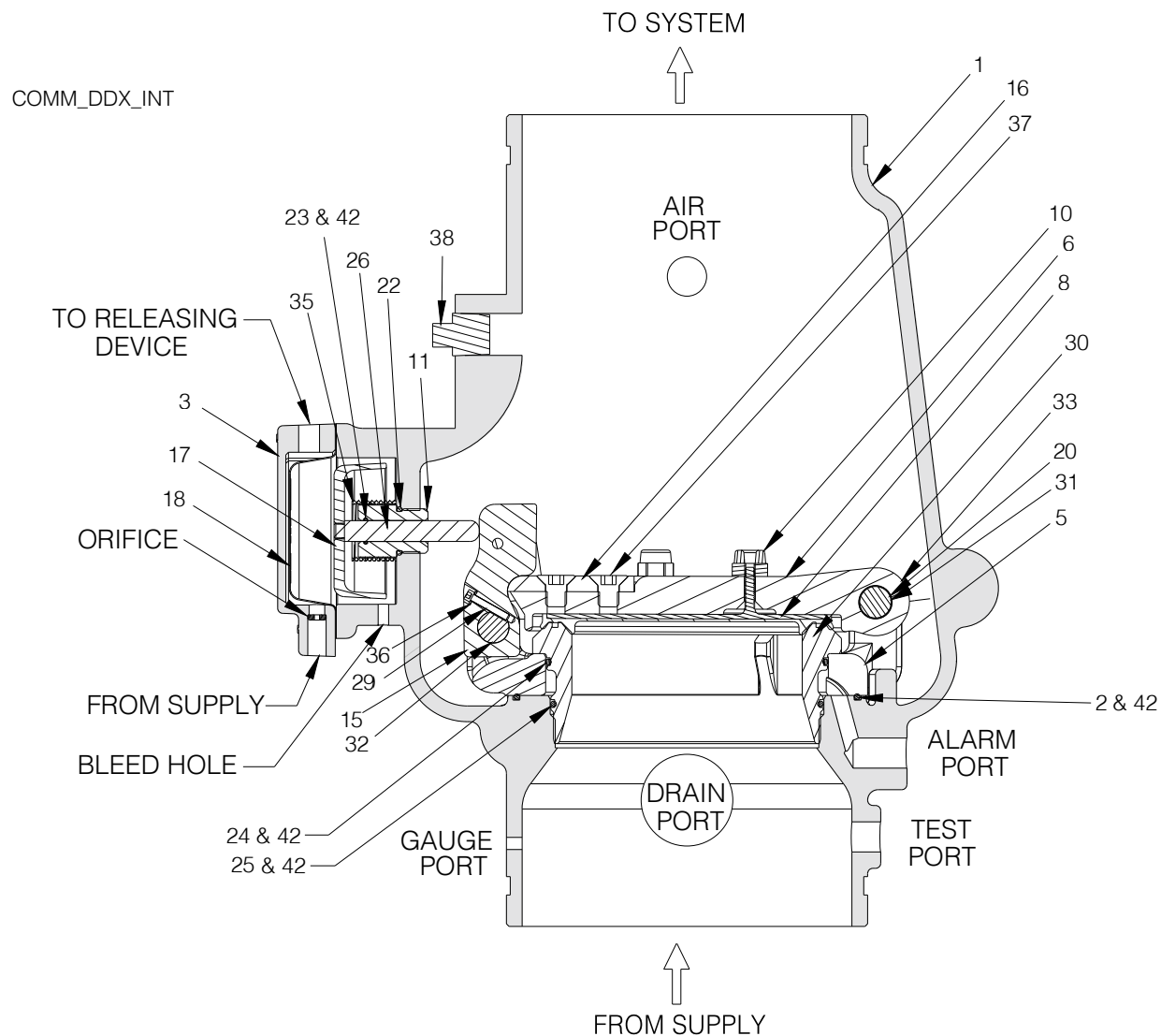
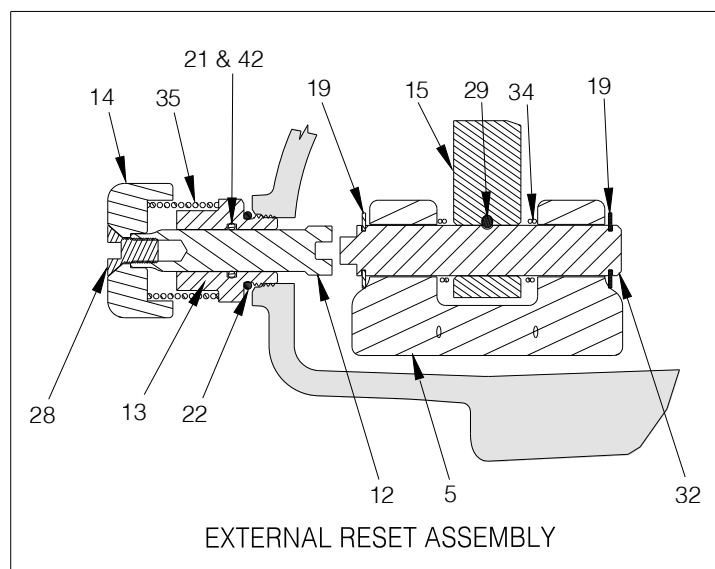
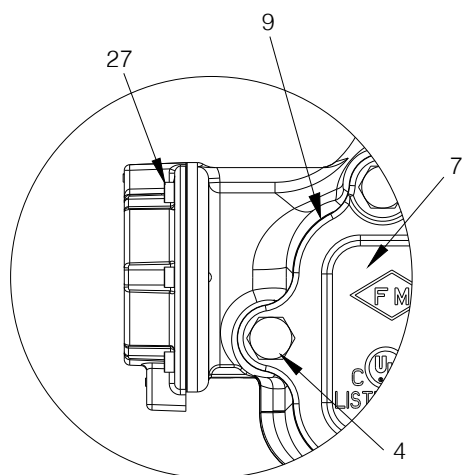


THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO THE RELIABLE AUTOMATIC SPRINKLER CORP. IT MAY NOT BE REPRODUCED NOR MAY ANY INFORMATION HEREON BE DISCLOSED TO OTHERS WITHOUT THE SPECIFIC WRITTEN PERMISSION OF RELIABLE.

MTL N/A	THE RELIABLE AUTOMATIC SPRINKLER CO. INC. LIBERTY, SC		
FINISH DO NOT SCALE DRAWING REMOVE BURRS, BREAK SHARP EDGES TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGLE ± 1/2° MACH FINISH CONC. SQUARENESS - PARALLELISM	PART NO. VARIOUS PART: ASSEMBLY, TRIM, NON-INTERLOCK PRODUCT: DDX, 4", 6", 8" FILE NO.: 6520G0110 ENG. JJ SCALE: 1:4	DRW BY: MK DATE: 03/13/23	CKD.: - SHEET 2 of 3

MODEL DDX VALVE WITH STAINLESS STEEL SCREW-IN SEAT

IMPORTANT NOTE: Early generation 4" and 6" DDX valves may incorporate a brass drop-in seat. Prior to ordering replacement parts, confirm the presence of a stainless steel screw-in seat or brass drop-in seat. For replacement parts for valves with brass drop-in seat, please contact Reliable Sprinkler Company Technical Services (techserv@reliablesprinkler.com)



Model DDX (Screw-In Seat Configuration) Deluge Valves Parts List

Item No.	Part No.								Part Description	QTY.	Material
	2" (50mm)	2½" (65mm)	76mm	3" (80mm)	4" (100mm)	165mm	6" (150mm)	8" (200mm)			
1	91006011	91006012	91006023	91006013	91006005	91006027	91006007	91006028	Valve Body Groove/Groove	1	Ductile Iron 65-45-12
	N/A	N/A	N/A	N/A	91006045	N/A	91006067	N/A	Valve Body Flange/Groove		
	N/A	N/A	N/A	N/A	91006035	N/A	91006037	91006039	Valve Body Flange/Flange		
2	N/A	N/A	N/A	N/A	N/A	N/A		95406414	O-ring (Mounting Ring)	1	Buna-N
3	71040416								Pushrod Cover Assembly	1	Ductile Iron 65-45-12 & Brass C360000
4	91106123				N/A	N/A		N/A	Hex Bolt ½"-13 x 1¼"	6	Zinc Plated Steel
	N/A				95606107	N/A		N/A	Hex Bolt ½"-13 x 1½"	6	
	N/A				N/A	91106006		N/A	Hex Bolt ⅝"-11 x 1¾"	6	
	N/A				N/A	N/A		95606110	Hex Bolt ⅝"-11 x 2"	8	
5	91306013				91306014	91306016		91306018	Mounting Ring	1	Stainless Steel CF8 or CF8M
6	91916003				91916014	91916016		91916008	Clapper	1	Stainless Steel CF8 or CF8M
7	92116063				92116064	92116065	92116066	92116068	Access Cover	1	Ductile Iron 65-45-12
8	93416003				93416014	93416016		93416008	Seal Assembly	1	Stainless Steel 304 & EPDM
9	93706003				93706004	93706006		93706008	Access Cover Gasket	1	Buna-N or Neoprene
10	93722000				93722000	N/A		N/A	Bumpstop Assembly	1	Stainless Steel UNS S31600 & EPDM
	N/A				N/A	93722000		N/A		2	
	N/A				N/A	N/A		93722000		3	
11	93916006								Pushrod Guide	1	Acetal
12	93916066								Reset Shaft	1	Brass UNS C36000
13	94106066								Reset Housing	1	Brass UNS C36000
14	94356006								Reset Knob	1	Aluminum 6061
15	94506003				94506004	94506016		94506008	Lever	1	Stainless Steel UNS S17400
16	95006412				94006412	95006410		95006410	Striker	1	Aluminum Bronze C95400
17	95106006								Piston	1	Stainless Steel CF8M
18	95276006								Diaphragm	1	EPDM & Polyester
19	95306267				N/A	N/A		N/A	Retaining Ring, ⅜" Shaft, Lever Pin	2	Stainless Steel 15-7 or 17-7
	N/A				95306267	N/A		N/A	Retaining Ring, ½" Shaft, Lever Pin		
	N/A				N/A	95306269		N/A	Retaining Ring, ⅝" Shaft, Lever Pin		
	N/A				N/A	N/A		95316408	Retaining Ring, ¾" Shaft, Lever Pin		
20	95306268				N/A	N/A		N/A	Retaining Ring, ⅝" Shaft, Hinge Pin	2	Stainless Steel 15-7 or 17-7
	N/A				95306267	95306267		N/A	Retaining Ring, ½" Shaft, Hinge Pin		
	N/A				N/A	N/A		95316408	Retaining Ring, ¾" Shaft, Hinge Pin		
21	95406007								O-Ring, Reset Housing ID	1	Buna-N
22	95406024								O-Ring, Reset Housing & Pushrod Guide OD	2	Buna-N
23	95406407								O-Ring, Pushrod Guide ID	1	Buna-N
24	95406410				95406409	95436126		95406413	O-Ring, Upper Seat	1	Buna-N
25	95406411				95406420	95446226		95406412	O-Ring, Lower Seat	1	Buna-N
26	95506006								Pushrod	1	Stainless Steel UNS S30300
27	95606114								Socket Head Screw, ¼"-20 x ⅝"	6	Steel
28	95606127								Flat Head Socket Cap Screw ⅜"-16 x ¾"	1	Steel
29	95606133				N/A	N/A		N/A	Socket Head Screw #6-32 x ½"	1	Stainless Steel 18-8
	N/A				95606130	95606130		95606130	Socket Head Screw #10-32 x 1"		Stainless Steel UNS S31600
30	96016003				96016014	96016016		96016008	Seat	1	Stainless Steel CF8M
31	96206003				N/A	N/A		N/A	Hinge Pin	1	Stainless Steel UNS S30400
	N/A				96216086	9216086		96206008			Stainless Steel UNS S21800
32	96216003				N/A	N/A		N/A	Lever Pin	1	Stainless Steel UNS S17400
	N/A				96216044	96216047		96216008			Stainless Steel UNS S21800
33	96310003				96906904	96906904		96310008	Clapper Spacer	2	Teflon or Acetal
34	96406003				N/A	N/A		N/A	Lever Spring	1	Stainless Steel UNS S30400
	N/A				96406004	96406005		96406008			Stainless Steel UNS S31600
35	96406906								Piston/ Reset Spring	2	Stainless Steel UNS S31600
36	96906112				N/A	N/A		N/A	Spring Lock Washer, #6	1	Stainless Steel 18-8
	N/A				96906111	96906111		96906111	Spring Lock Washer, #10		Stainless Steel UNS S31600
37	95606140				N/A	N/A		N/A	Flat Head Socket Cap Screw ¼"-20 x ½"	2	Stainless Steel 18-8
	N/A				95606139	N/A		N/A			Stainless Steel UNS S31600
	N/A				N/A	N/A		95606135	Flat Head Socket Cap Screw ½"-13 x ¾"		Stainless Steel UNS S31600
38	98604402								Plug, ½" NPT	1	Steel
39	94616921								Knob Caution Label (Not Shown)	1	Polystyrene
40	91556922								Ball Chain, 1/8" (Not Shown) (Length is in Inches)	6	Nickel Plated Brass
41	91556923								Clamping Link, Ball Chain (Not Shown)	1	
42	6999993406								O-Ring Grease, Dupont™ Krytox® GPL-205	A/R	Krytox®