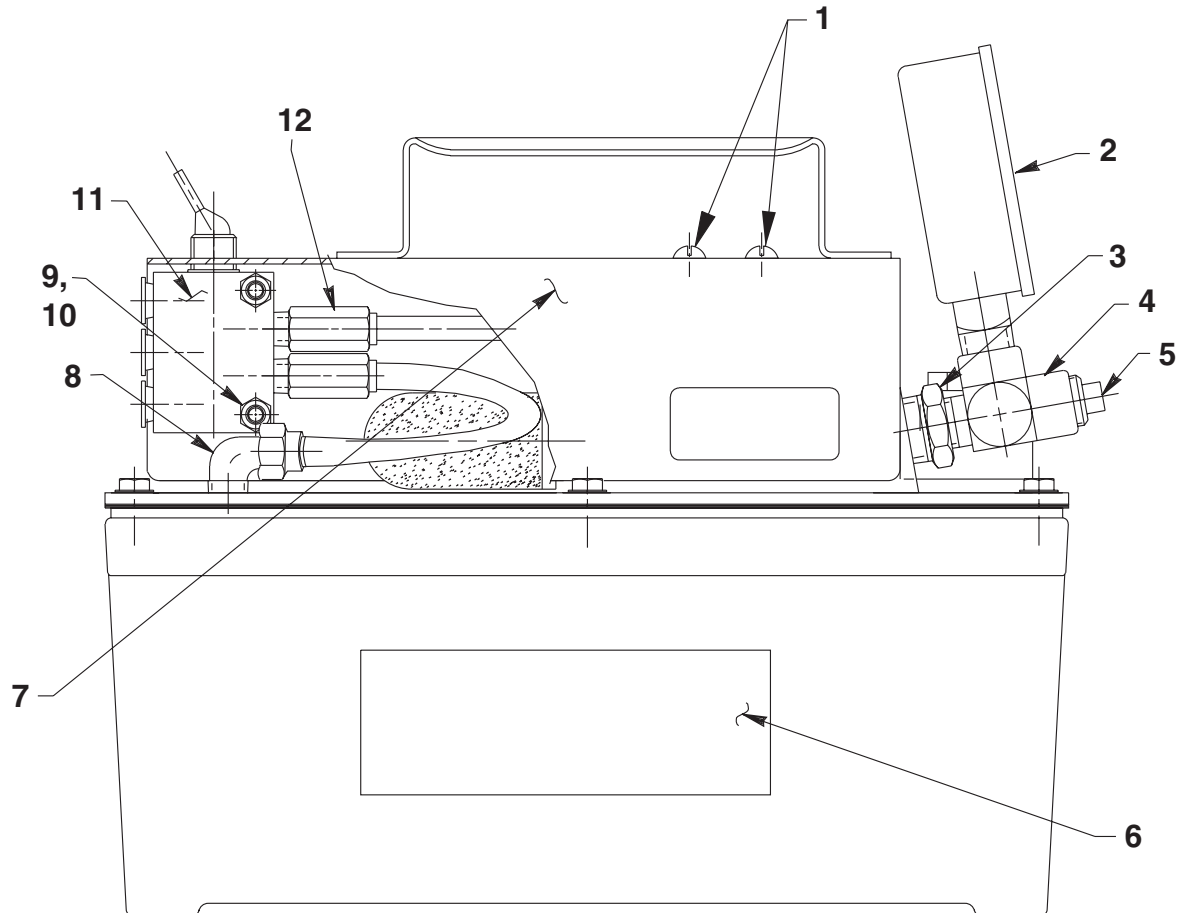
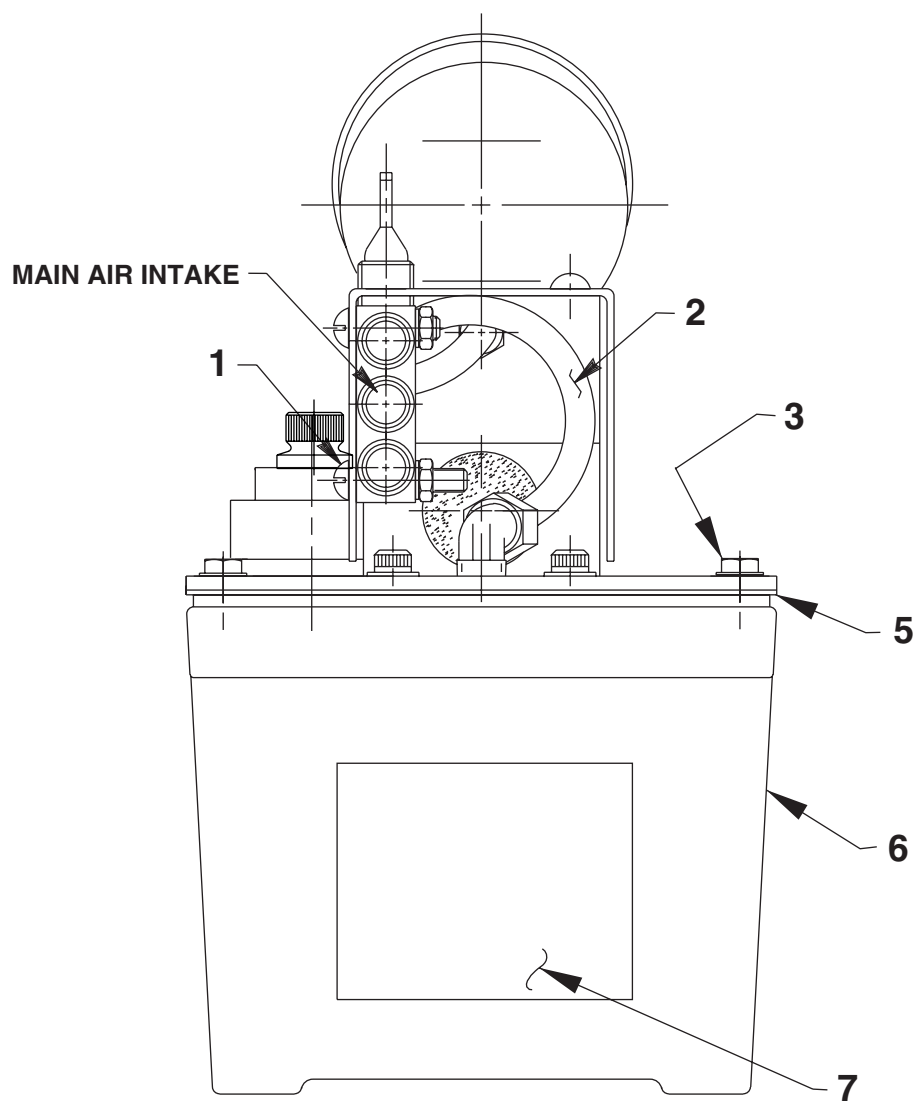


MODEL F
AIR HYDRAULIC PUMP
Max. Capacity: 4,800 PSI
SIDE VIEW



Item No.	Part No.	No. Req'd	Description
1	10164	4	Rd. Hd. Machine Screw (#10-24 UNC X 3/8 Lg.)
2	17946	1	Pressure Gauge
3	10676	1	Straight Fitting
4	10618	1	Service Tee
5	10970	1	Pipe Plug
6	211533	2	Trade Name Decal
7	420384BK2	1	Shroud
8	15457	1	Elbow
9	10197	2	Hex Machine Screw Nut (#10-24 UNC)
10	11108	2	Lockwasher (#10 External Tooth)
11	350329	1	Air Operated Valve
12	250464	3	Connector

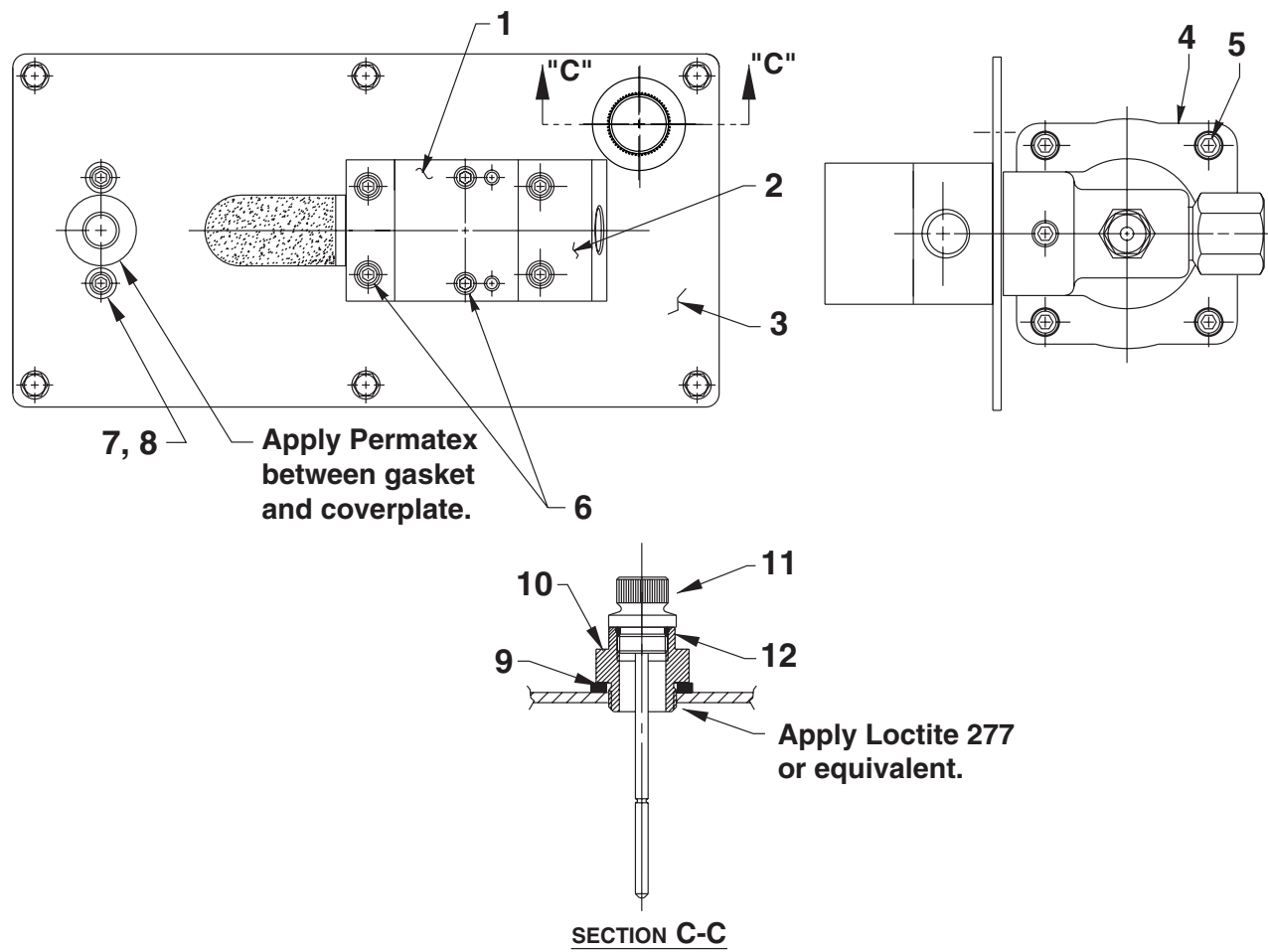
END VIEW



Item No.	Part No.	No. Req'd	Description
1	11856	2	Rd. Hd. Machine Screw (#10-24 UNC X 1" Lg.)
2	14726	.80 ft.	Tubing
3	211060	10	Hex Washer Hd. Screw (#9-15 X 1" Lg.; Torque to 25/30 in. lbs.)
5	*†33853	1	Reservoir Gasket
6	61243	1	Reservoir
7	305494	1	Decal

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300891 for pump #58219.
 Part numbers marked with a dagger (†) are contained in Repair Kit No. 300936 for pump #100921.

BASIC PUMP ASSEMBLY TOP & END VIEW

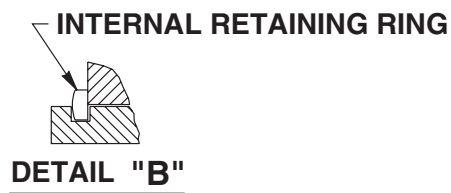
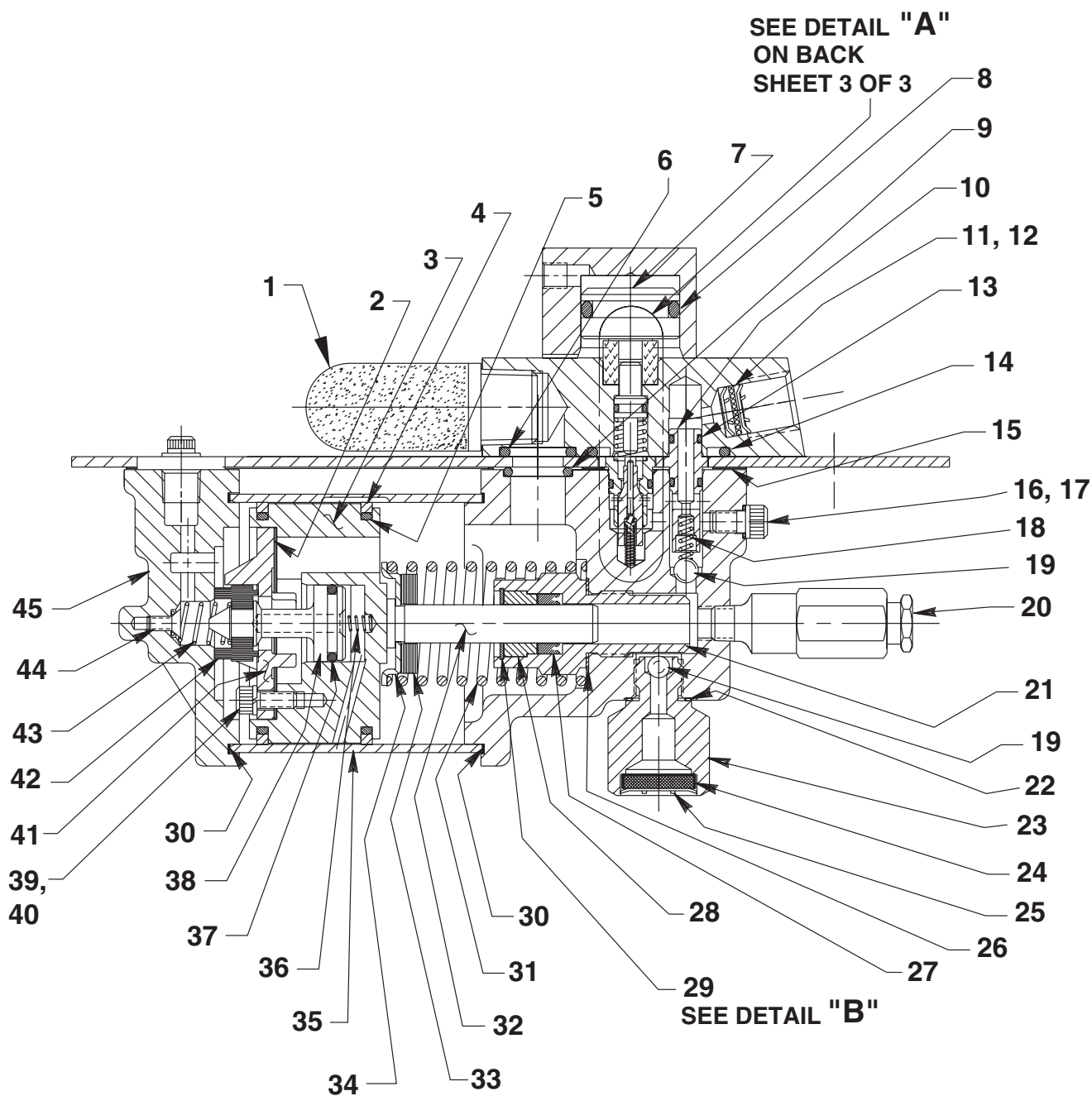


Item No.	Part No.	No. Req'd	Description
1	420293	1	Valve Body
2	58685	1	Release Valve
3	421236BK2	1	Cover Plate
4	64767	1	Pump Body
5	17428	4	Soc. Hd. Cap Screw (1/4-20 UNC X 3-1/2" Lg.)
6	11151	6	Soc. Hd. Cap Screw (10-24 UNC X 1-1/4" Lg.)
7	11434	2	Soc. Hd. Cap Screw (10-24 UNC X 1/2 Lg.)
8	11089	2	Washer (No. 10)
9	252041	1	Sealing Washer
10	351214	1	Filler Plug Adapter
11	252076	1	Dipstick Assembly (Includes o-ring [Item #12])
12	*†10273	1	O-ring (13/16 X .644 X .087)

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300891 for pump #58219.

Part numbers marked with a dagger (†) are contained in Repair Kit No. 300936 for pump #100921.

SIDE VIEW



Item No.	Part No.	No. Req'd	Description
1	250461	1	Muffler
2	*†28239	1	Gasket
3	52390	1	Piston Body
4	*†14265	2	Piston Ring
5	*251835	2	O-ring (2-1/2" X 2-5/16" X 3/32)
6	*†10276	1	O-ring (1" X 3/4 X 1/8)
7	34757	1	Piston Release
8	*†208144	1	O-ring (1-1/2" X 7/8 X 1/8; Apply Moly Kote)
9	*†10272	1	O-ring (3/4 X 9/16 X 3/32)
10	34378	1	Check Valve Body
11	*†11088	2	Retaining Ring
12	*†250638	1	Filter Disc
13	*†12522	2	O-ring (3/8 X 1/4 X 1/16; Urethane)
14	*†11841	1	O-ring (1-5/8" x 1-3/8" x 1/8)
15	*†351021	1	Gasket
16	*†10442	1	Plain Washer (3/8 X 1/4 X 1/32)
17	10002	1	Soc. Hd. Cap Screw (1/4-20 UNC X 3/8 Lg.; Torque to 90/110 in. lbs.)
18	*†10445	1	Compression Spring (5/32 O.D. X 3/4 Lg.)
19	*†10423	2	Steel Ball (9/32 dia.)
20	21278-48	1	Relief Valve (Set at 4,900/5,300 PSI; Apply loctite 592 [Power Team #905516] or equiv. & torque to 150/170 in. lbs.)
21	*33959	1	Cylinder (Torque to 90/100 ft. lbs. oiled; For 58219)
	†421403	1	Cylinder (Torque to 90/100 ft. lbs. oiled; For 100921)
22	*†10261	1	Plain Washer (3/4 X 19/32 X 1/32)
23	48010	1	Filter Adapter
24	214578	1	Filter
25	214586	1	Retaining Ring (Internal)
26	*†10263	1	Plain Washer (1" X .765 X 1/32)
27	*14121	1	U-cup (For 58219)
	†252373	1	U-cup (For 100921)
28	*202624	1	Retainer (For 58219)
	†252374	1	Retainer (For 100921)
29	*11034	1	Retaining Ring (Note: Install with sharp edge toward the retained part. See Detail B on back of sheet 2 of 3.)
30	*†17429	2	Backup Washer (2-15/16" X 2-3/4" X .045)
31	*†13938	1	Compression Spring (1.452 O.D. X 4-7/16" Lg.)
32	*28400	1	Piston (For 58219)
	†252372	1	Piston (For 100921)
33	*202613	1	Bumper (For 58219)
	†252371	1	Bumper (For 100921)
34	*211082	1	Guide Spring (For 58219)
	†252370	1	Guide Spring (For 100921)
35	351122	1	Air Cylinder (Note: Locate groove on upper half (top) of pump with chamfered tube end towards rear head as shown in illustration on back of sheet 2 of 3.)
36	*†12692	1	Compression Spring (3/16 O.D. X 1-11/16" Lg.)
37	*†211052	1	O-ring (.900 X .706 X .097)
38	305475	1	Exhaust Valve Stem
39	*†10241	3	Lockwasher (For #10 bolt)
40	211054	3	Soc. Hd. Cap Screw (#10-24 X 1/2 Lg.; Torque to 50/55 in. lbs.)
41	33822	1	Piston End Plate
42	28183	1	Piston Poppet
43	*†205679	1	Compression Spring (.485 O.D. X .915 Lg.)
44	*†205674	1	Hex Soc. Flat Hd. Cap Screw (8-32 UNC X 3/8 Lg.; Torque to 12/18 in. lbs.)
45	37468	1	Rear Head

Part numbers marked with an asterisk (*) are contained in
Repair Kit No. 300891 for pump #58219.

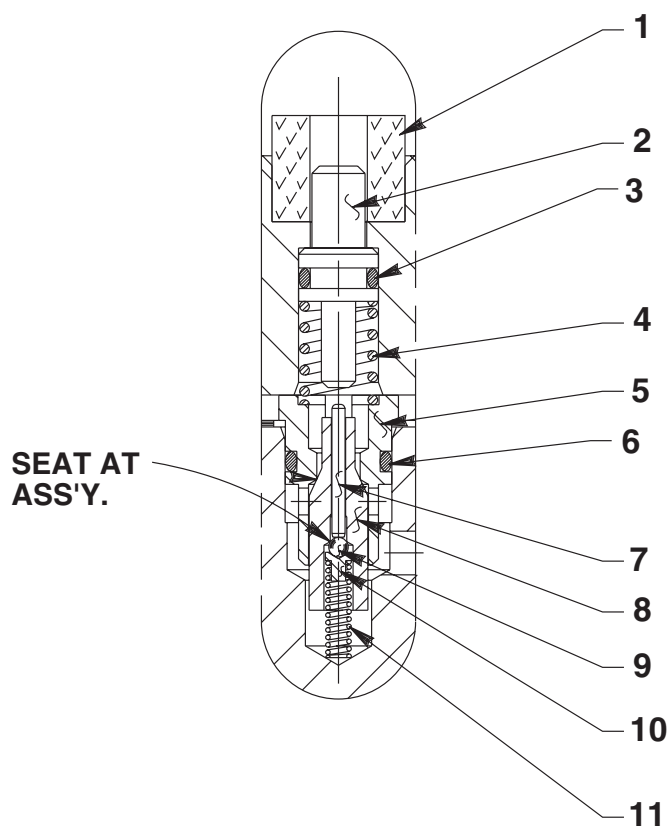
Part numbers marked with a dagger (†) are contained in
Repair Kit No. 300936 for pump #100921.

Note: Shaded areas reflect last revision(s) made to this form.

Sheet No. 3 of 3

Rev. 4 Date: 11 Dec. 1997

DETAIL "A"



Item No.	Part No.	No. Req'd	Description
1	*†206504	1	Foam Tube
2	28227	1	Release Valve Button
3	*†10266	1	O-ring (3/8 X 1/4 X 1/16)
4	*†13944	1	Compression Spring (3/8 O.D. X 1/2 Lg.)
5	34377	1	Poppet Retainer
6	*†15279	1	O-ring (1/2 X 3/8 X 1/16)
7	13937	1	Dowel Pin (Note: Place tapered end toward ball.)
8	29037	1	Release Valve Poppet
9	*†14443	1	Metallic Ball (3/32 Dia.)
10	209736	1	Ball Retainer
11	*†13959	1	Compression Spring (1/8 O.D. X 1/2 Lg.)

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300891 for pump #58219.
 Part numbers marked with a dagger (†) are contained in Repair Kit No. 300936 for pump #100921.

Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

Items found in this parts list have been carefully tested and selected. **Therefore: Use only genuine Hytec replacement parts!**

Additional questions can be directed to our Technical Services Department.