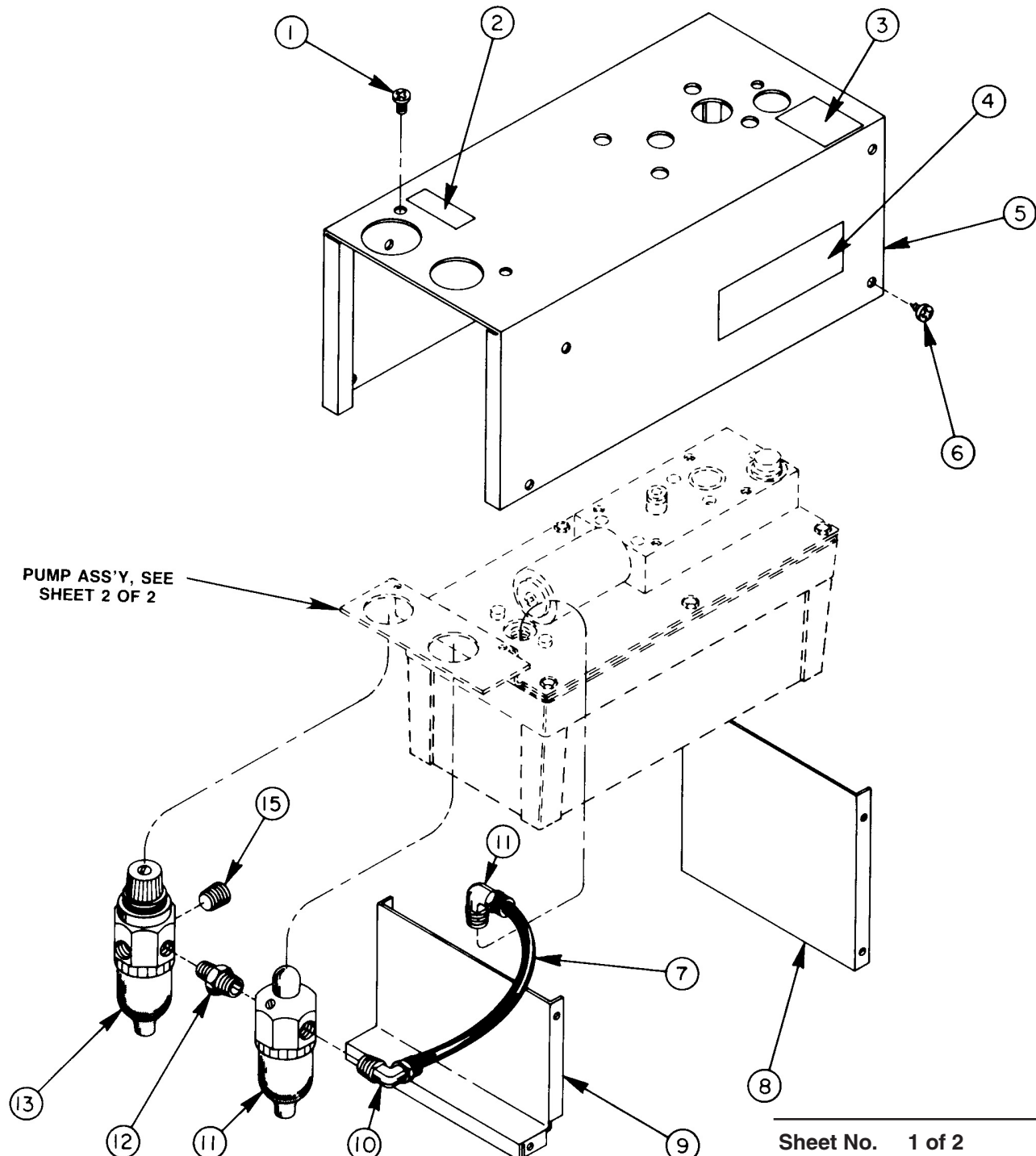


MODEL B
AIR HYDRAULIC PUMP
Max. Capacity: 3,900 PSI
GENERAL ASSEMBLY



Item No.	Part No.	No. Req'd	Description
1	14126	3	Thread Forming Screw
2	202076	1	Decal (Increase-Decrease)
3	12204	1	Decal (Fill Cap Venting)
4	201932	2	Decal (Trade Name)
5	50886WH2	1	Top Cover
6	14394	8	Self-tapping Screw (#10-16 X 3/8 Lg.)
7	14726	.33 ft.	Plastic Tubing
8	42357PU2	1	Front Panel
9	42358PU2	1	Back Panel
10	15457	2	Elbow
11	15009	1	Air Lubricator (Replacement bowl only -- #206264)
12	16449	1	Hex Nipple (1/8 NPTF to 1/4 NPTF)
13	16452	1	Filter-Regulator Combination (Replacement bowl only -- #206265)
14	10479	1	Pipe Plug (1/4 NPTF)

PARTS INCLUDED BUT NOT SHOWN

15411	1	Decal (Patent)
17946	1	Pressure Gauge (5,000 PSI)
36455	1	Decal (For 100190)
36456	1	Decal (For 100195)

OPTIONAL VALVE/MANIFOLD

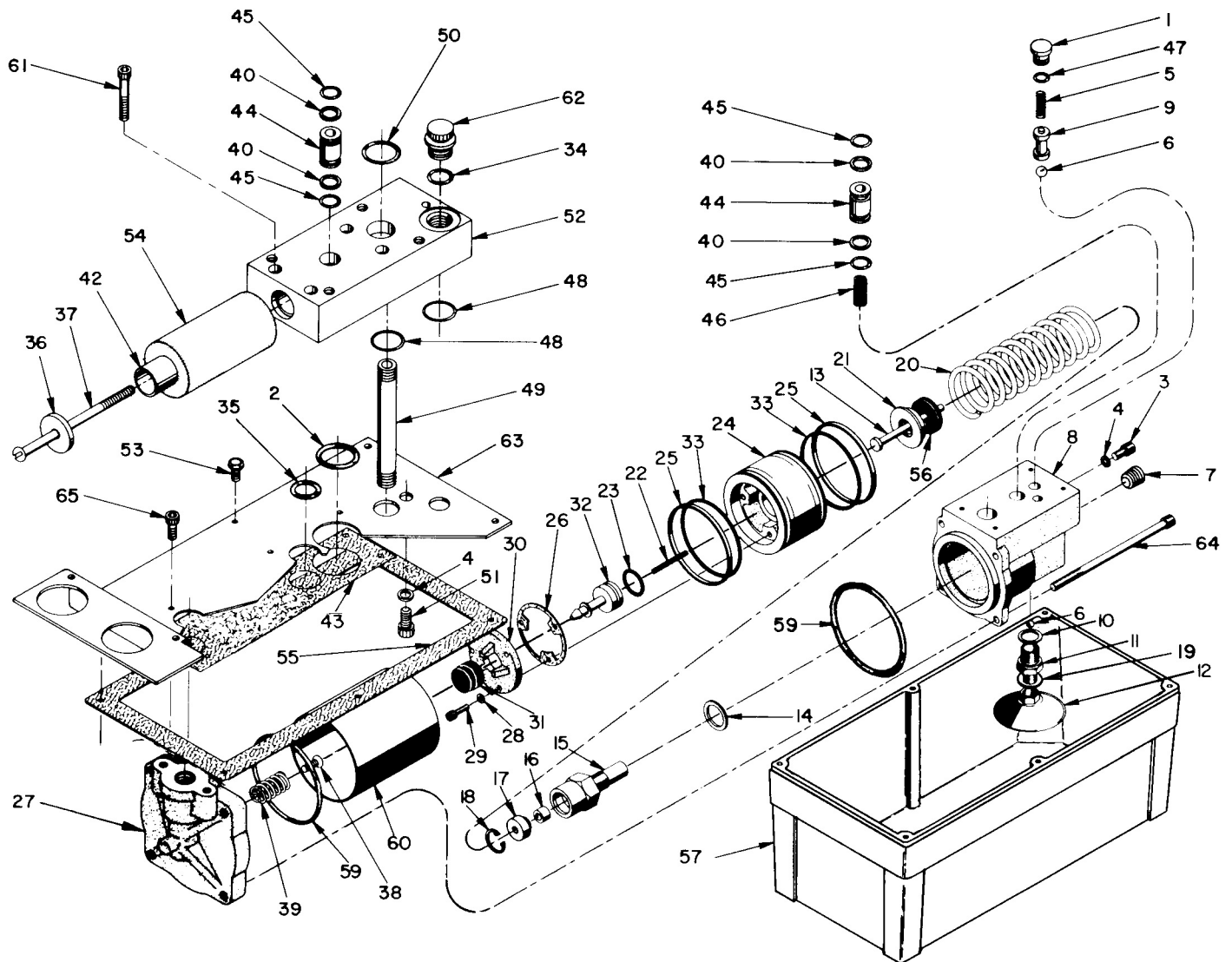
100235	1	3-Way/4-Way Valve Assembly (Used on 100195 -- See Form No. 100374)
9614	1	Manifold Assembly (Used on 100190 -- See Form No. 100604)

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.

BASIC PUMP ASSEMBLY



Parts List, Form No. 100375, Back sheet 2 of 2

Item No.	Part No.	No. Req'd	Description
1	36497	1	Check Valve Body
2	*251215	1	O-ring (1.494 X 1.212 X .141)
3	10002	1	Cap Screw (1/4-20 X 3/8 Lg.)
4	*10442	2	Copper Washer (3/8 X 1/4 X 1/32)
5	*10445	1	Compression Spring (.164 O.D. X 23/32 Lg.)
6	*10423	2	Steel Ball (9/32 dia.)
7	10427	1	Pipe Plug (1/8 NPTF)
8	50494	1	Pump Body
9	202568	1	Ball Guide
10	*10261	1	Copper Washer (3/4 X 19/32 X 1/32)
11	36822	1	Filter Adapter (Torque to 35/40 ft. lbs. oiled)
12	27680	1	Filter
13	28400	1	Piston
14	*10263	1	Copper Washer (1" X 49/64 X 1/32)
15	33959	1	Cylinder (Torque to 90/100 ft. lbs. oiled)
16	*14121	1	U-cup (11/16 X 7/16 X 1/4)
17	202624	1	Retainer
18	*11034	1	Retaining Ring
19	*28979	1	Gasket
20	*13938	1	Compression Spring (1-3/16" I.D. X 5" Lg.)
21	28395	1	Spring Guide
22	*12692	1	Spring (3/16 O.D. X 1-1/2" Lg.)
23	*10303	1	O-ring (7/8 X 3/4 X 1/16)
24	33824	1	Piston Body
25	*14265	2	Piston Ring
26	*28239	1	Gasket
27	37468	1	Rear Head
28	10241	3	Lockwasher
29	11434	5	Soc. Hd. Cap Screw (#10-24 X 1/2 Lg.; Torque to 50/55 in. lbs.)
30	33822	1	Piston End Plate
31	*28183	1	Piston Poppet
32	33845	1	Exhaust Valve Stem
33	*251835	2	O-ring (2-1/2" X 2-5/16" X 3/32; Nitrile)
34	*10300	1	O-ring (5/8 X .468 X .078)

Item No.	Part No.	No. Req'd	Description
35	*251214	1	O-ring (1.002 X .720 X .141)
36	16450	1	Steel Washer
37	16453	1	Screw (#10-24 X 4" Lg.; Apply Loctite 277 or equivalent to external threads.)
38	*205674	1	Cap Screw (#8-32 UNC X 3/8 Lg.)
39	*205679	1	Spring (.485 O.D. X .915 Lg.)
40	*11863	4	Backup Washer (1/2 X 3/8 X 1/16)
42	28387	1	Muffler
43	*34283	1	Gasket
44	21094	2	Bushing
45	*10268	4	O-ring (1/2 X 3/8 X 1/16)
46	*16448	1	Compression Spring (5/16 O.D. X 13/16 Lg.)
47	*12522	1	Disogren O-ring (3/8 X 1/4 X 1/16)
48	*12549	2	O-ring (13/16 X 3/4 X 1/16)
49	15426	1	Drain Tube
50	*10275	1	O-ring (15/16 X 3/4 X 3/32)
51	10807	1	Cap Screw (1/4-20 X 1/2 Lg.)
52	50888	1	Port Block
53	14456	6	Screw (Torque to 25/30 in. lbs.)
54	*29992	1	Foam Tube
55	*33853	1	Reservoir Gasket
56	*202613	1	Bumper
57	41633	1	Reservoir
58	15823	4	Lockwasher
59	*17429	1	Backup Washer (2-15/16" X 2-3/4" X .045)
60	37434	1	Air Cylinder (Locate Groove toward top near cover plate.)
61	11151	4	Soc. Hd. Cap Screw (#10-24 X 1-1/4" Lg.)
62	24132	1	Filler Plug
63	50889WH2	1	Cover Plate
64	17428	4	Soc. Hd. Cap Screw (1/4-20 X 4" Lg. - Torque to 90/100 in. lbs. oiled. NOTE: Cross torque in increments of 50 in. lbs.)

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300140.