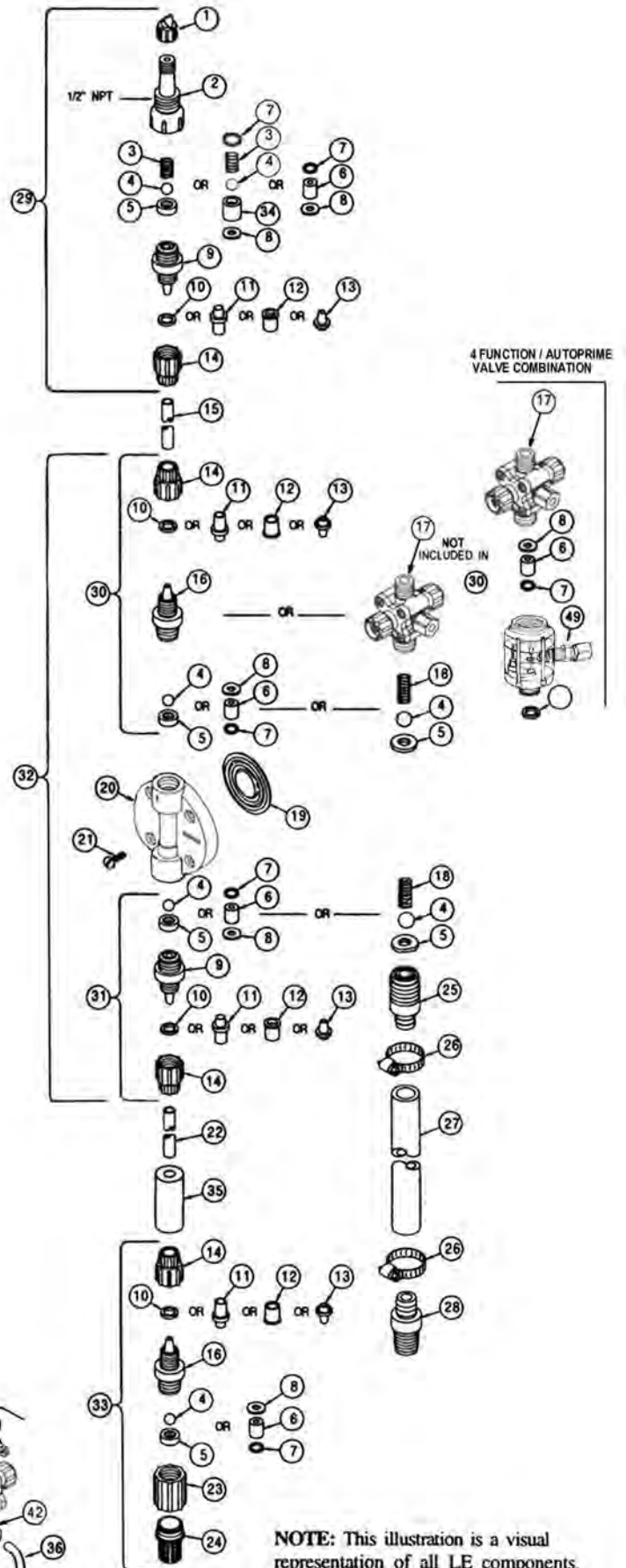
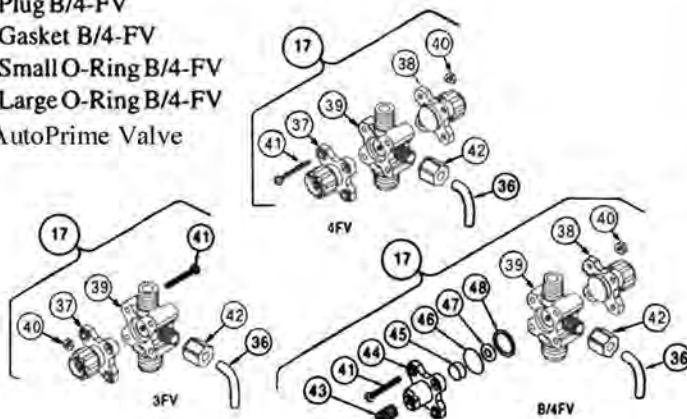


LE-450SI, TI, BI, HI

			450SI	450TI	450BI	450HI
Key Number	Part Number	Description				
1	27352	Flapper Valve	1	1	1	1
2	37351	Injection Check Valve Body, PVC	1	1	1	1
3	37341	Injection Check Valve Spring, H-C	1	1	1	1
4	10338	Check Valve Ball, Ceramic, .375	1	1	1	1
5		Seal Ring				
6	36304	Cartridge Valve, .281, PVDF/Polyprel	3	3	3	3
7	36103	Cartridge Valve O-Ring	3	3	3	3
8	36107	Cartridge Valve Washer	3	3	3	3
9		Valve Seat				
10		Clamp Ring, SS				
11	28663	Ferrule	3	3	3	3
12		Clamp Sleeve				
13		Tubing Adapter				
14	10299	Coupling Nut, PP	4	4	4	4
15	25636-16	Tubing, 1/4" OD, PP	1	1	1	1
16	37763	Valve Housing, PVC	3	3	3	3
17	38049	Multi-Function Valve, 3FV, PVC		1		
	37994	Multi-Function Valve, 4FV, PVC	1			1
	37995	Multi-Function Valve, B4FV, PVC			1	
18		High-Viscosity Spring				
19	30916	Liquifram, 0.5	1	1	1	1
20	36156	Pump Head, 0.5, Acrylic	1	1	1	1
21	10340	Pump Head Screw, SS	4	4	4	4
22		Suction Tubing				
23	36204	Foot Valve Seat, PP	1	1	1	1
24	10123	Foot Valve Screen, PP	1	1	1	1
25		High-Viscosity Valve Seat				
26		H.V. Tubing Clamp				
27		H.V. Suction Tubing				
28		H.V. Tubing X 1/2 Connector				
29	38025	Injection Check Valve Assembly	1	1	1	1
30		Discharge Valve Assembly				
31	38018	Suction Valve Assembly	1	1	1	
32	HALE450BI	Pump Head Assembly			1	
	HALE450HI					1
	HALE450SI		1			
	HALE450TI			1		
33	38031	Foot Valve Assembly	1	1	1	
34	37340	Injection Seat PTFE	1	1	1	
35	10322	Ceramic Weight	1	1	1	
36	25636-10	Return Line,	1	1	1	
37	36260	Cap ASM P/R (Black Knob)	1	1		
38	36280	Cap ASM A/S (Yellow Knob)	1		1	
39	38053	Multi-Function Valve Body, 3FV,PVC		1		
	38002	Multi-Function Valve Body, 4FV,PVC	1			
	38002	Multi-Function Valve Body, B4FV, PVC			1	
40	25628	Nut Multi-Function Valve	4	4	4	
41	25627	Screw Multi-Function Valve	4	4	4	
42	25631	Return Line Coupling Nut	1	1	1	
43	34876	Adjustment Screw B/4FV			1	
44	32171	Cap B/4FV			1	
45	34868	Plug B/4FV			1	
46	32173	Gasket B/4FV			1	
47	32175	Small O-Ring B/4FV			1	
48	32176	Large O-Ring B/4FV			1	
49	38538	Auto Prime Valve, Acrylic				1

Liquid End Parts List

- 1 Flapper valve
- 2 Injection check valve body
- 3 Injection check valve spring
- 4 Check valve ball
- 5 Sealing ring
- 6 Cartridge valve
- 7 Cartridge valve o-ring
- 8 Cartridge valve washer
- 9 Valve seat
- 10 Clamp ring
- 11 Ferrule
- 12 Clamp sleeve
- 13 Tubing adapter
- 14 Coupling nut
- 15 Discharge tubing
- 16 Valve housing
- 17 Multi-function valve
- 18 High-viscosity spring
- 19 Liquifram
- 20 Pump head
- 21 Pump head screw
- 22 Suction tubing
- 23 Foot valve seat
- 24 Foot valve screen
- 25 High-viscosity valve seat
- 26 H.V. tubing clamp
- 27 H.V. suction tubing
- 28 H.V. Tubing x 1/2 NPT connector
- 29 Injection check valve assembly
- 30 Discharge valve assembly
- 31 Suction valve assembly
- 32 Pump head assembly
- 33 Foot valve assembly
- 34 Injection Seat PTFE
- 35 Ceramic Weight
- 36 Return Line
- 37 Cap ASM (Black Knob)
- 38 Cap ASM (Yellow Knob)
- 39 Multi-Function Valve Body
- 40 Nut Multi-Function Valve
- 41 Screw Multi-Function Valve
- 42 Return Line Coupling Nut
- 43 Adjustment Screw B/4-FV
- 44 Cap B/4-FV
- 45 Plug B/4-FV
- 46 Gasket B/4-FV
- 47 Small O-Ring B/4-FV
- 48 Large O-Ring B/4-FV
- 49 AutoPrime Valve



NOTE: This illustration is a visual representation of all LE components. Liquid ends will not include all parts shown.