



IMI CORNELIUS INC.  
One Cornelius Place  
Anoka, MN. 55303-6234  
Telephone 1-800-238-3600  
Facsimile 1-800-258-0255

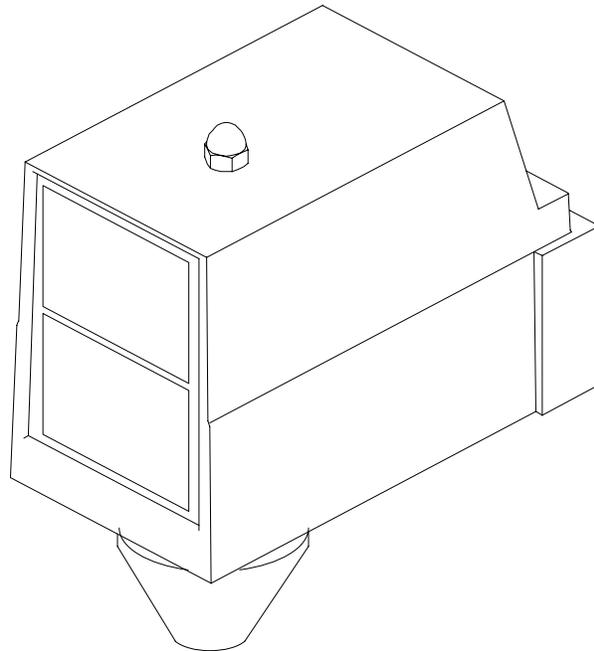
## ILLUSTRATED PARTS LIST

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### GEMINI DISPENSING VALVE

**PART NO.**

309912000





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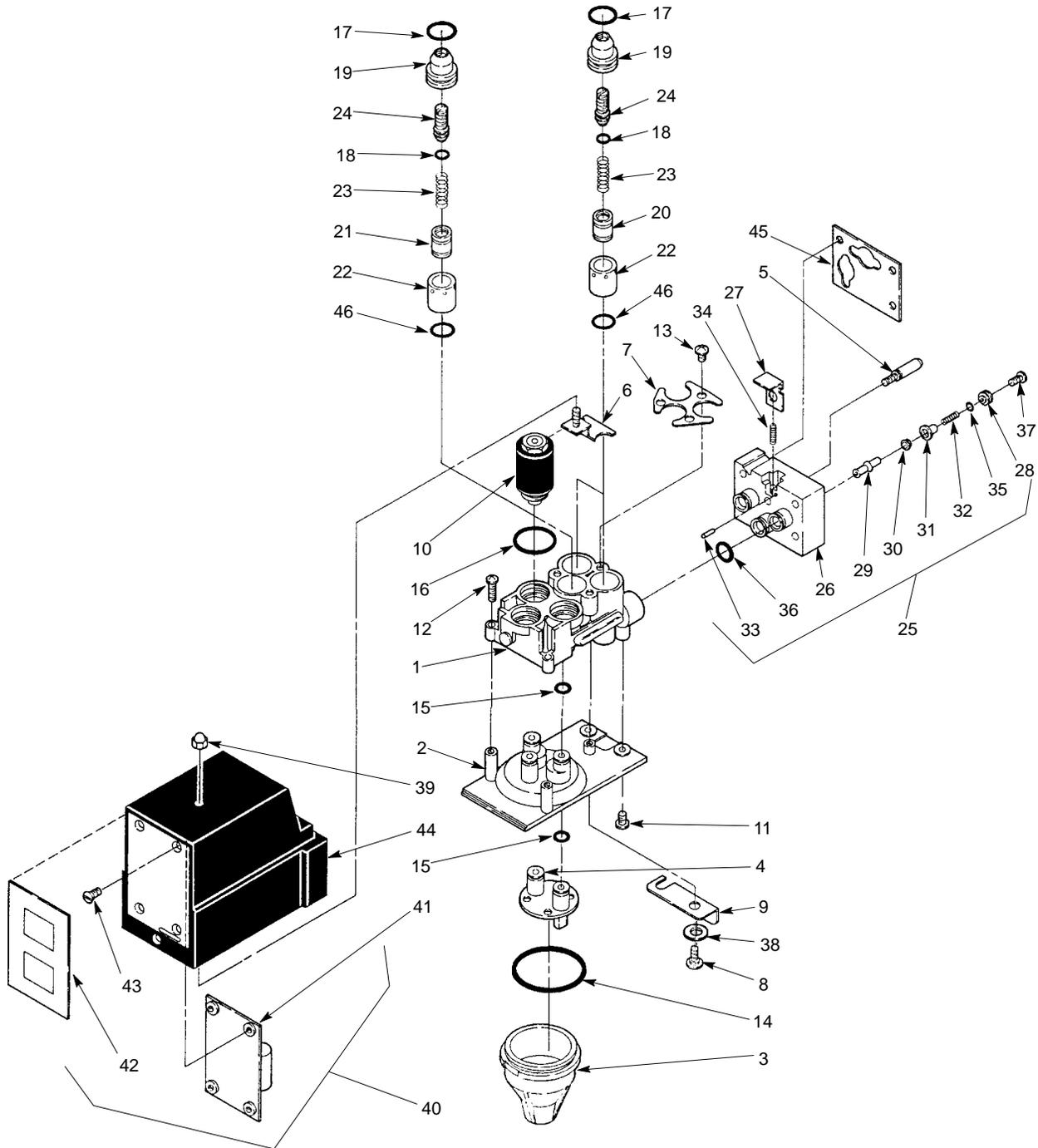


FIGURE 1. GEMINI DISPENSING VALVE ASSEMBLY



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### GEMINI DISPENSING VALVE

Item No.	Part No.	Name
1	319954000	Body
2	309973000	Bottom, Valve
3	309959000	Nozzle
4	309929000	Baffle
5	319797000	Guide
6	319791000	Bracket, Cover Mounting
7	319963000	Retainer, Flow Control
8	317777001	Shoulder Screw, SI Hd., No. 8-32 By 3/8-In. Long
9	309810000	Latch, Bottom
10	309798000	Solenoid Ass'y, 24V, Set of 3 Solenoids, 3 Plungers and 3 Springs
	300293000	Solenoid Ass'y, 24V, Set of 1 Solenoid, 1 Plunger and 1 Spring
	300455000	Plunger, Solenoid
	300456000	Spring, Solenoid
11	309808000	Thread Rolling Screw, Phil Pan Hd., Stainless Steel, No. 6-19 By 3/8-In. Long
12	309662000	Thread Rolling Screw, Phil Pan Hd., Nickel-Pltd, No. 6-32 By 3/4-In. Long
13	309809000	Thread Rolling Screw, Phil Pan Hd., No. 8-16 By 7/16-In. Long
14	319997000	O-Ring, 1.549 I.D. By .103 C.S.
15	197222000	O-Ring, .239 I.D. By .070 C.S.
16	187436000	O-Ring, .426 I.D. By .070 C.S.
17	150160000	O-Ring, .551 I.D. By .070 C.S.
18	150309000	O-Ring, .208 I.D. By .070 C.S.
19	147184051	Flow Control, Top
20	319724011	Piston, Syrup

Item No.	Part No.	Name
21	319763011	Piston, Water
22	319725011	Sleeve
23	147183510	Spring, Regulator
24	319751000	Screw, Adjusting
25	319760001	Block Ass'y (Includes 26-37)
26	319753000	Block, Mounting
27	319758000	Latch, Block
28	317713000	Connector, Cap
29	317702001	Stem, Poppet
30	180018053	Seal, Poppet
31	178019006	Retainer
32	309804000	Spring, Poppet
33	309922000	Pin, 5/16-In. long
34	319996000	Spring, Latch
35	197222000	O-Ring, .239 I.D. By .070 C.S.
36	180025000	O-Ring, .364 I.D. By .070 C.S.
37	151841000	Thread Rolling Screw, Phil Rd Hd., Stainless Steel, No. 6-19 By 5/16-In. Long
38	309515000	Washer, .255 I.D.
39	309842000	Acorn Nut, Nickel-Pltd, No. 10-32
40	309514000	Cover Ass'y (Includes 41-44)
41	309797000	Module
42	309935000	Switch, Membrane
43	187961000	Machine Screw, Phil Fil Hd, No. 6-32 By 5/16-In. Long
44	317884013	Cover
45	309806000	Plate, Backup
46	309650000	O-Ring, .488 I.D. By .040 C.S.



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### GEMINI DISPENSING VALVE ACCESSORIES/KITS

#### BRIX CUPS AND BY-PASS TUBES

Part No.	Description
311100000	Brix Cup, 5-5.5 to 1 Ratio
319540000	By-Pass Tube Ass'y, SF-1 Valve