



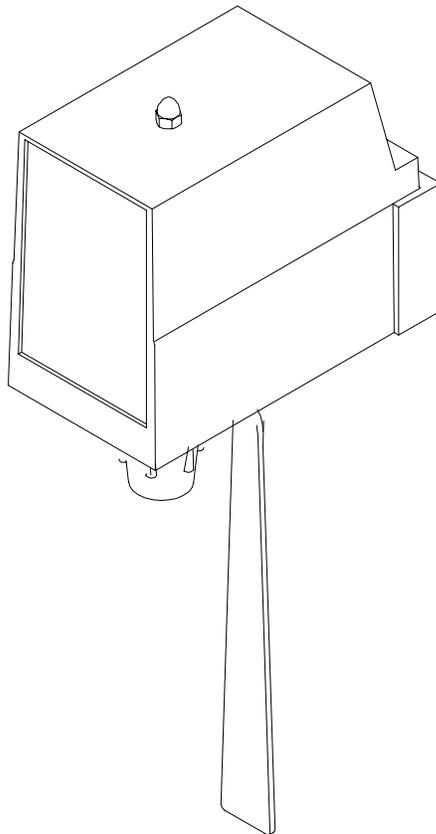
IMI CORNELIUS INC.
One Cornelius Place
Anoka, MN. 55303-6234
Telephone 1-800-238-3600
Facsimile 1-800-258-0255

ILLUSTRATED PARTS LIST

ACCUFILL DISPENSING VALVE

MODEL NO.

309680-017





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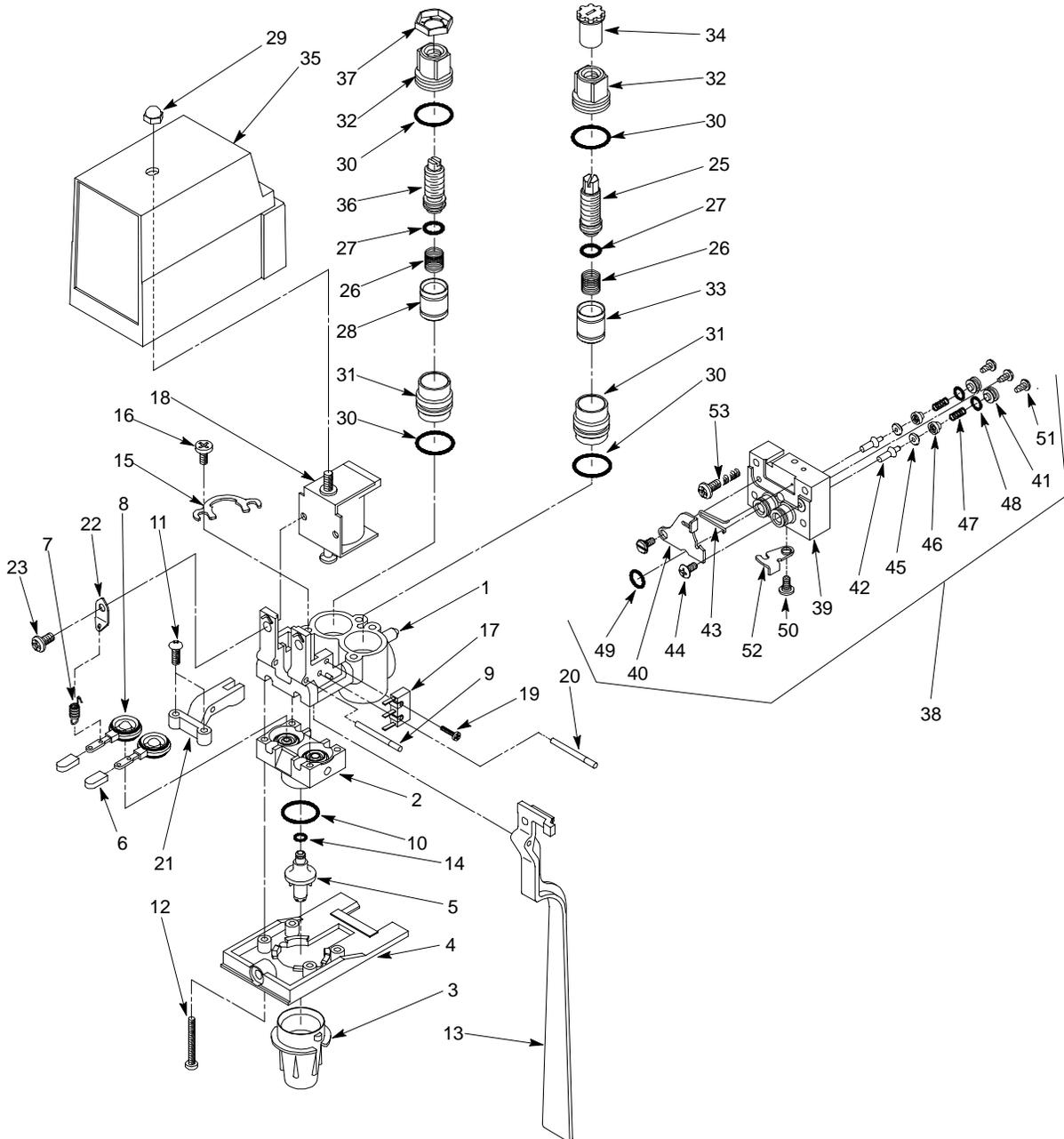


FIGURE 1. ACCUFILL DISPENSING VALVE ASSEMBLY



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ACCUFILL DISPENSING VALVE

Item No.	Part No.	Name
1	3074	Body
2	317639051	Valve Block
3	317649000	Nozzle
4	317718000	Cover, Bottom
5	318523027	Baffle
6	317782000	Nib
7	317723000	Spring
8	311355000	Valve Inlet
9	319693000	Pin, Arm Solenoid
10	398033013	O-Ring, .799 I.D. By .103 C.S.
11	314813009	Set Screw, Phil Rd Hd., No. 8-32 By 1/2-In. Long
12	317828000	Thread Rolling Screw, Phil Rd Hd., No. 6-32 By 1-1/4-In. Long
13	309859000	Lever
14	319541000	O-Ring, .157 I.D. By .070 C.S.
15	4147	Retainer, Flow Control
16	317784000	Thread Cutting Screw, Phil Truss Hd., No. 8-18 By 1/2-In. Long
17	317783011	Switch, Micro
18	312017011	Solenoid, 24V
	318589000	Plunger
19	317825000	Machine Screw, Phil Truss Hd., No. 2-56 By 7/16-In. Long
20	1618	Pin, Lever
21	317703007	Arm, Solenoid
22	319692000	Retainer, Spring
23	309029000	Machine Screw, Phil Pan Hd., No. 10-32 By 7/16-In. Long
24	2702	Circuit Board (Not Shown)
25	310632051	Adjusting Screw, Syrup
26	310482000	Spring, Regulator
27	180025000	O-Ring, .364 I.D. By .070 C.S.

Item No.	Part No.	Name
28	310754011	Piston, Water
29	309842000	Acorn Nut, No. 10-32
30	317816000	O-Ring, .676 I.D. By .070 C.S.
31	317431011	Cylinder, Flow Control
32	319133051	Top, Flow Control
33	310480011	Piston, Syrup
34	309991000	Knob, Flow Adjusting
35	317884011	Cover Ass'y
36	310632000	Adjusting Screw, Water
37	310477000	Hex Nut, 7/16-14, Water
38	318838015	Block Ass'y (Includes 39-52)
39	3077	Block
40	319095000	Lever
41	317713000	Cap, Connector
42	317702000	Stem, Poppet
43	317716000	Spring
44	317777001	Shoulder Screw, Slotted, Stainless Steel, No. 8-32 By 3/8-In. Long
45	180018053	Washer, Rubber
46	178019006	Retainer, Washer
47	309804000	Spring, Poppet
48	197222000	O-Ring, .239 I.D. By .070 C.S.
49	180025000	O-Ring, .364 I.D. By .070 C.S.
50	317784000	Thread Cutting Screw, Phil Truss Hd., No. 8-18 By 1/2-In. Long
51	151841000	Thread Tapping Screw, Phil Rd Hd., Stainless Steel, No. 6-19 By 5/16-In. Long
52	0147	Latch, Block to Valve
53	318308000	Thread Rolling Screw, Phil Pan Hd., Stainless Steel, No. 10-32 By 1-In. Long



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**ACCUFILL DISPENSING VALVE
 ACCESSORIES/KITS**

**REPAIR KIT P/N 1767
 (INCLUDES ALL RUBBER
 COMPONENTS FOR THE SF-1 VALVE)**

**LEVER KIT
 WITH CONTINUITY STRIP
 (309859000)**

**REPAIR KIT P/N 1768
 (FOR MOUNTING BLOCK FOR
 THE SF-1 VALVE)**

**SF-1 VALVE BODY
 REPLACEMENT KIT
 P/N 319612011 (X BODY)**

**CIRCUIT BOARD REPLACEMENT KIT
 (UPDATE FLOW CONTROL TOP)
 (2702)**

**FLOW CONTROL TOP KIT
 (2708)**

**KIT JUMPER WIRE
 (SENSITIVITY ACCUFILL)
 (4703)**

**SF-1 DISPENSING VALVE RETRO-FIT
 KIT P/N 31-9122-000**

BRIX CUPS AND BY-PASS TUBES

Part No.	Description
311100000	Brix Cup, 5-5.5 to 1 Ratio
560001939	Brix Cup, 5-5.5 to1 Multi Ratio
319540000	By-Pass Tube Ass'y, SF-1 Valve

Part No.	Description
319122005	Template, Corco
319122006	Template, CSC
319122007	Template, ICI
319122008	Template, McCann
319122009	Template, Booth
319122011	Punch, 1.375 Dia.
319122012	Drill Bit, .172 Dia.