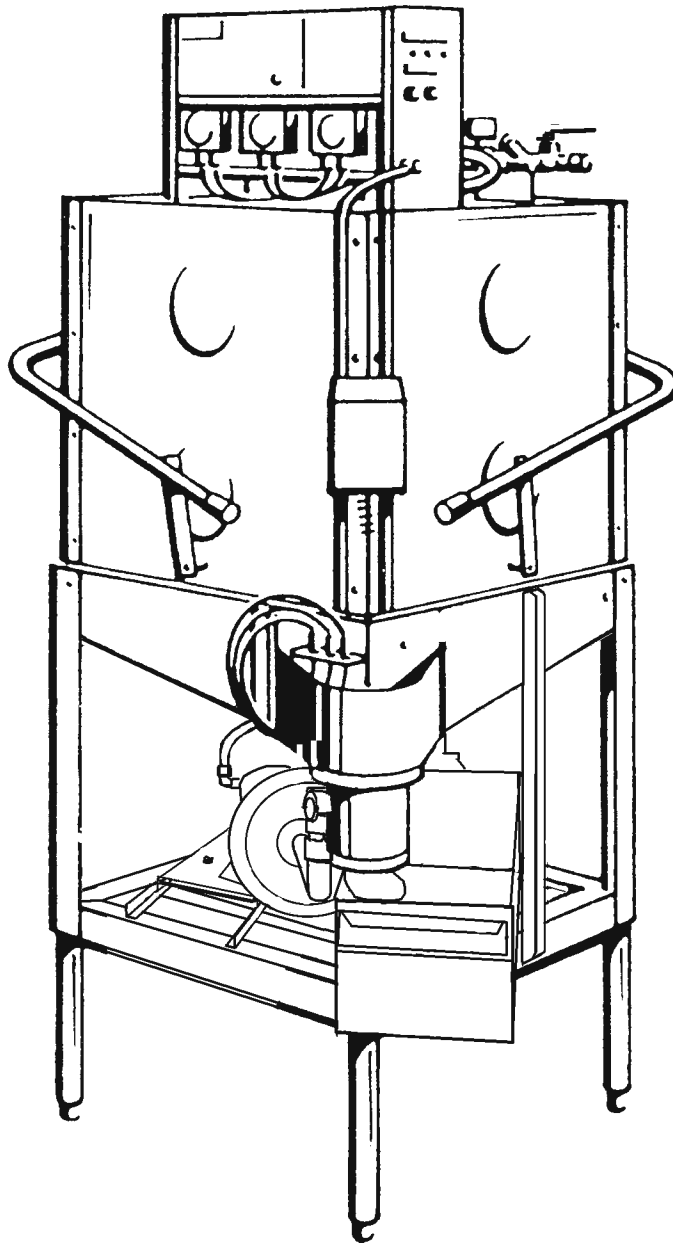


EFFECTIVE: MAY, 2008

# ***American Dish Service***

ADS CONVERTIBLE DISHWASHER

**MODELS: AF3DS / AFC3DS**



# **PARTS MANUAL**

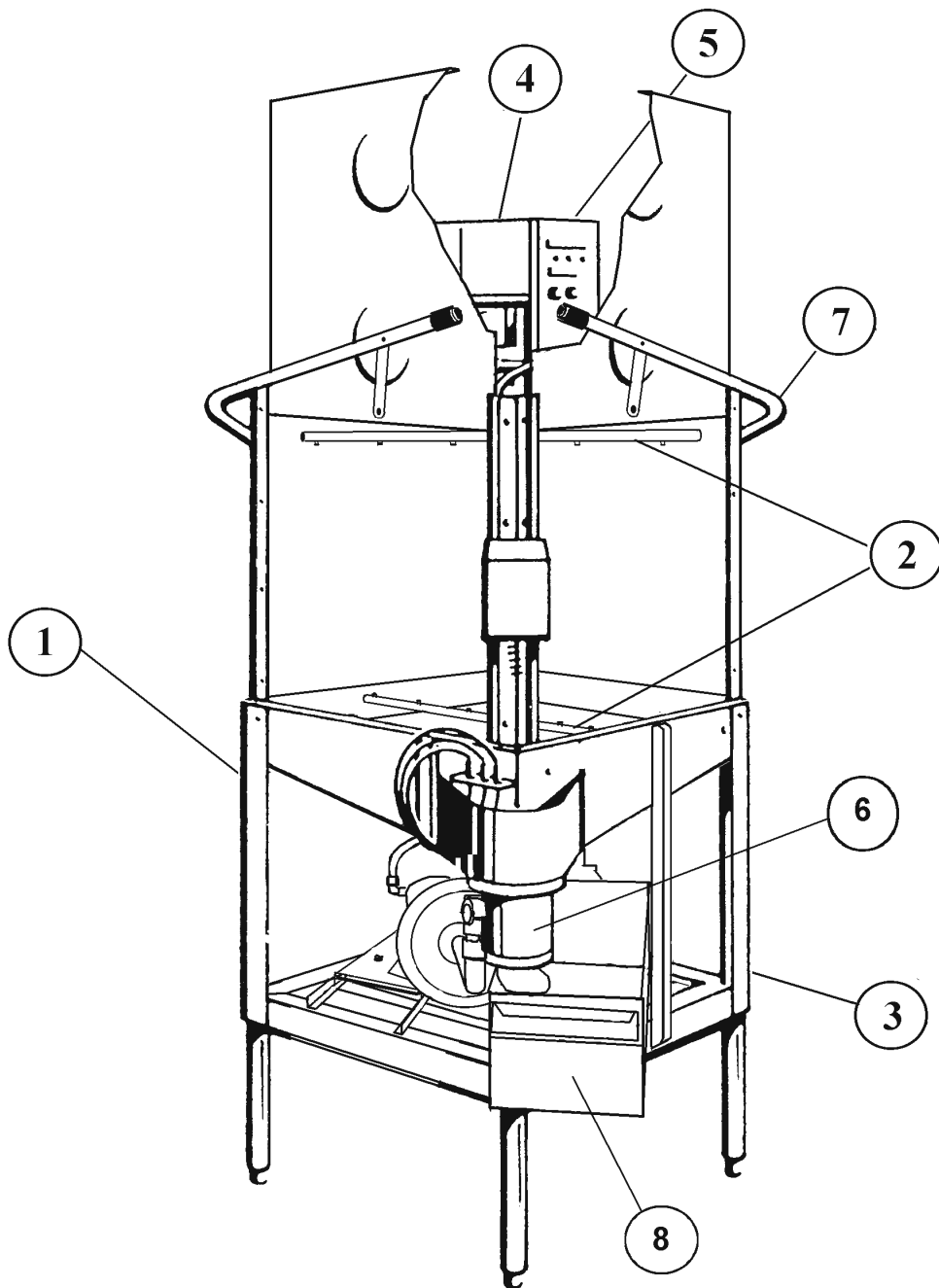
900 Blake Street  
Edwardsville, Kansas 66111  
(913)422-3700

© 05/08

026-0090 / 027-0090

Models:  
AF3D-S / AFC3D-S

***American Dish Service***



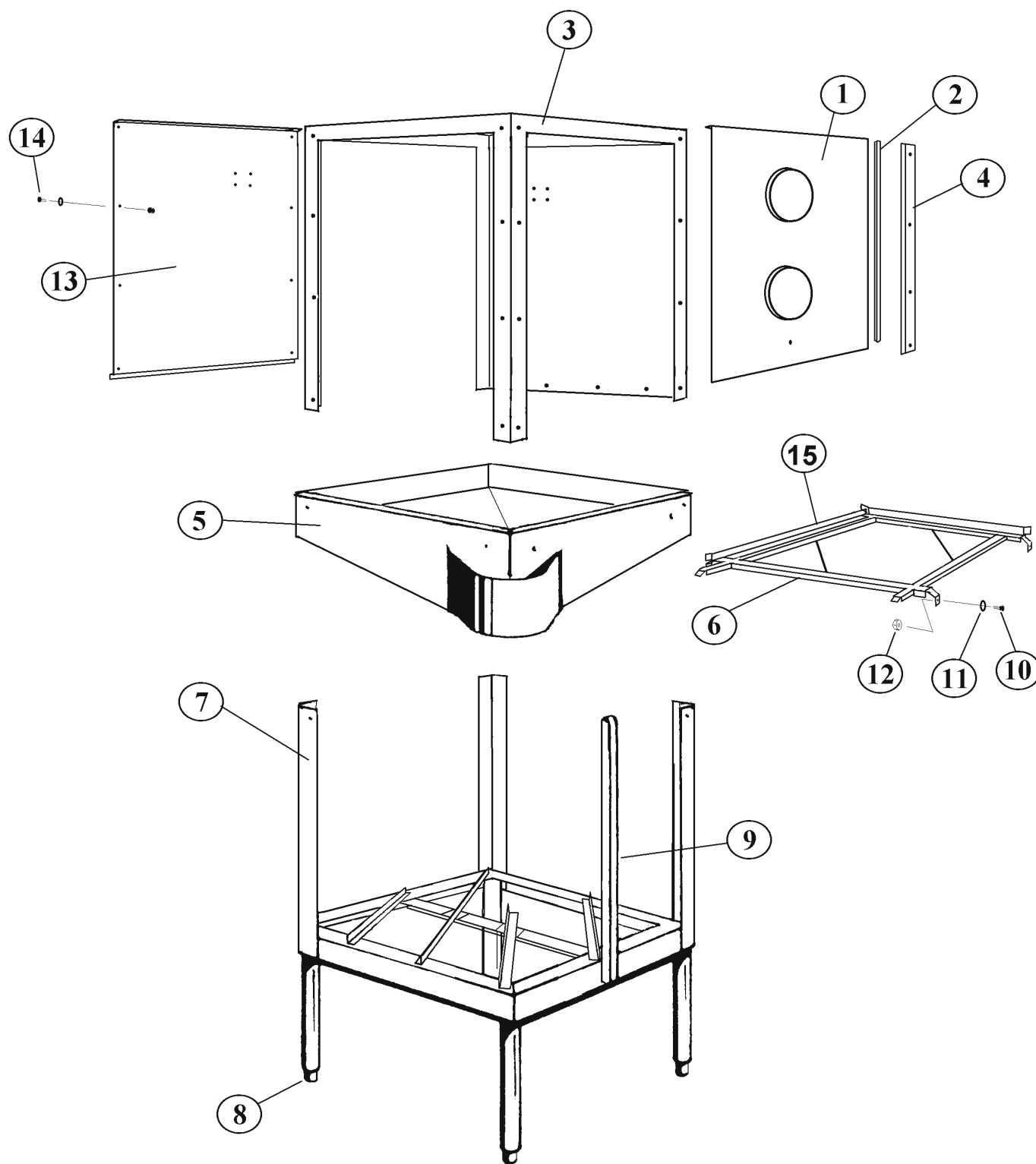
026-0090 / 027-0090

## Models:

# AF3D-S / AFC3D-S

## American Dish Service

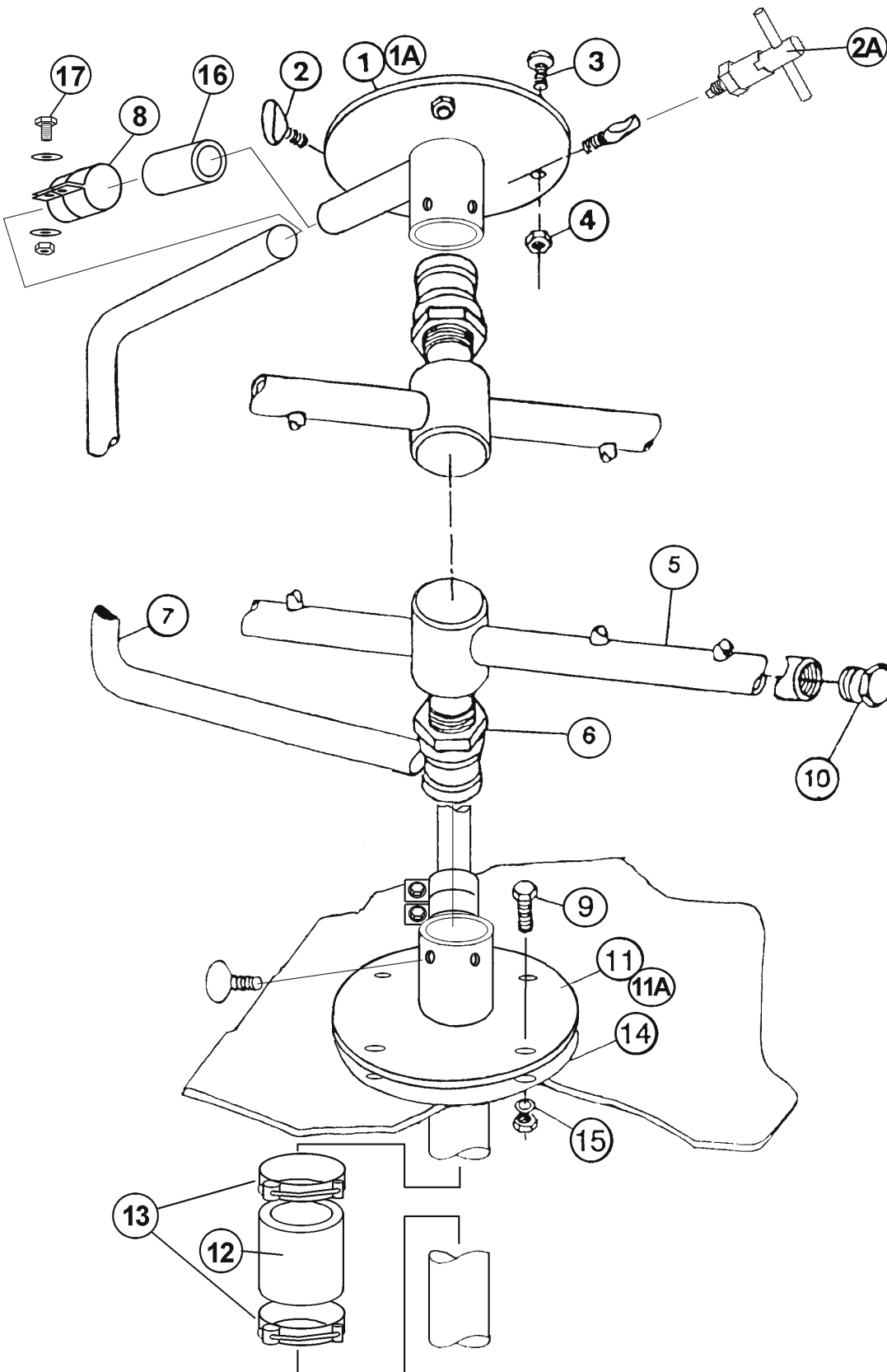
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061-1800  
Cabinet Assembly  
AF3D-S / AFC3D-S

***American Dish Service***

Ref. No.	Part No.	No. Req.	Description
1	087-6116	2	Door
2	083-6107	4	Door Strip, Nylatron
3	085-6197	1	Hood Weldment
4	087-6114	4	Door Guide
5	085-6196	1	Pan Weldment
6	085-6146	1	Tray Track Weldment
7	085-6195	1	Frame Weldment
8	099-1003	4	Bullet Feet
9	087-6326	1	Sump Support
10	098-1423	16	Bolt, 1/4-20 x 1/2" HH SS
11	098-2404	42	Washer, SS, 1/4"
12	098-2507	48	Locknut 1/4-20, SS
13	087-6115	1	Door, Dummy
14	098-1414	28	Bolt, 1/4-20 x 1/2" Truss Head SS
15	086-6638	1	Tray Track Conversion Bar
N/S	098-1420	2	Bolt, 1/4-20 x 1 1/4" HH SS
N/S	091-4146	2	Clamp, Conduit
N/S	086-6104	2	Clamp, Double
N/S	384-6118	2	Bushing, 1/2" (Dowel)
N/S	089-9096	1	Scrap Accumulator
N/S	089-9090	1	Scrap Accumulator Cover
N/S	089-9078	1	Scrap Accumulator Tray
N/S	292-1028	1	No-Hub Connector, 2" Pipe to Pipe

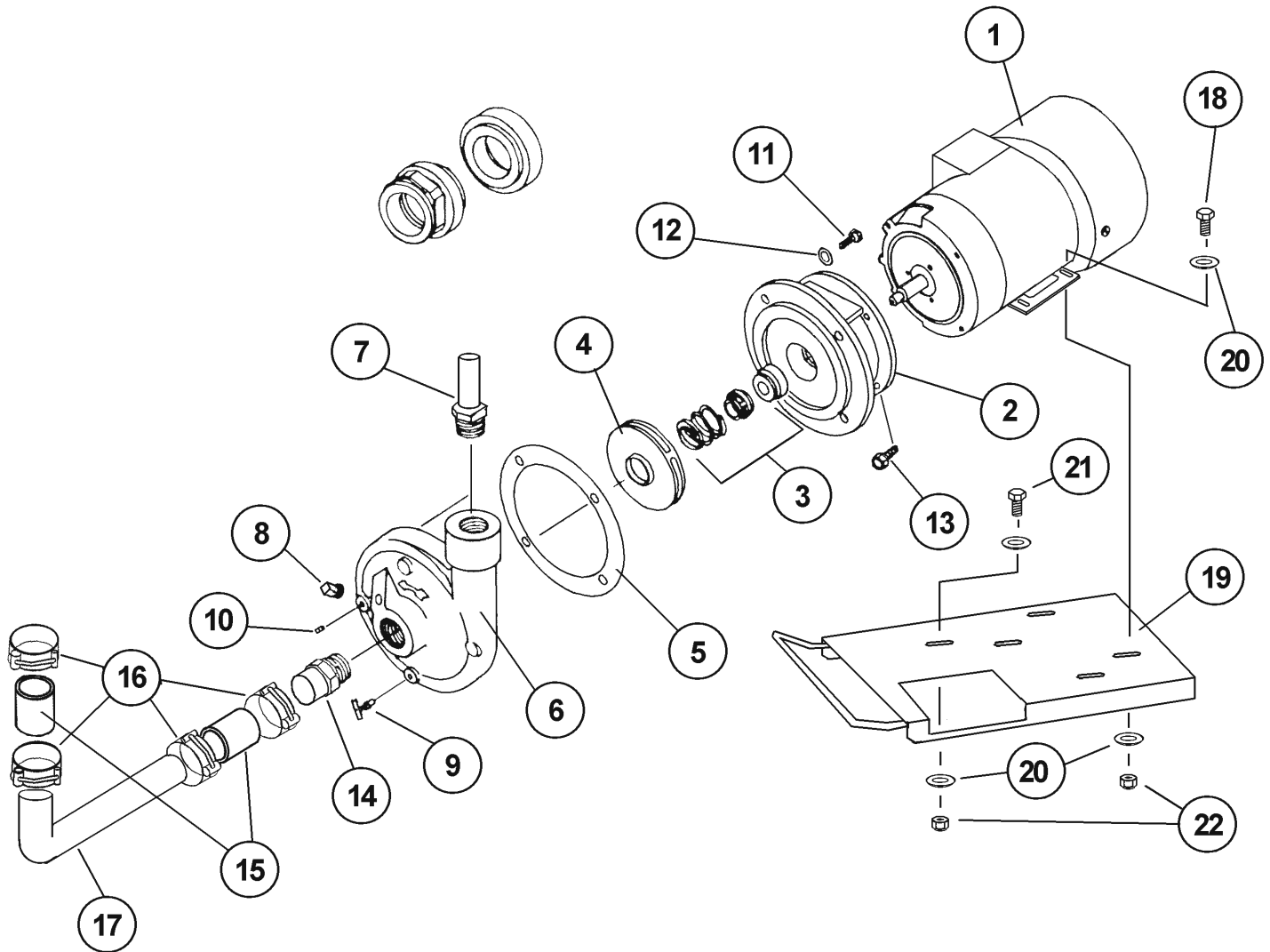


# Spray System Assembly

## AF3D-S / AFC3D-S

## American Dish Service

[illegible]

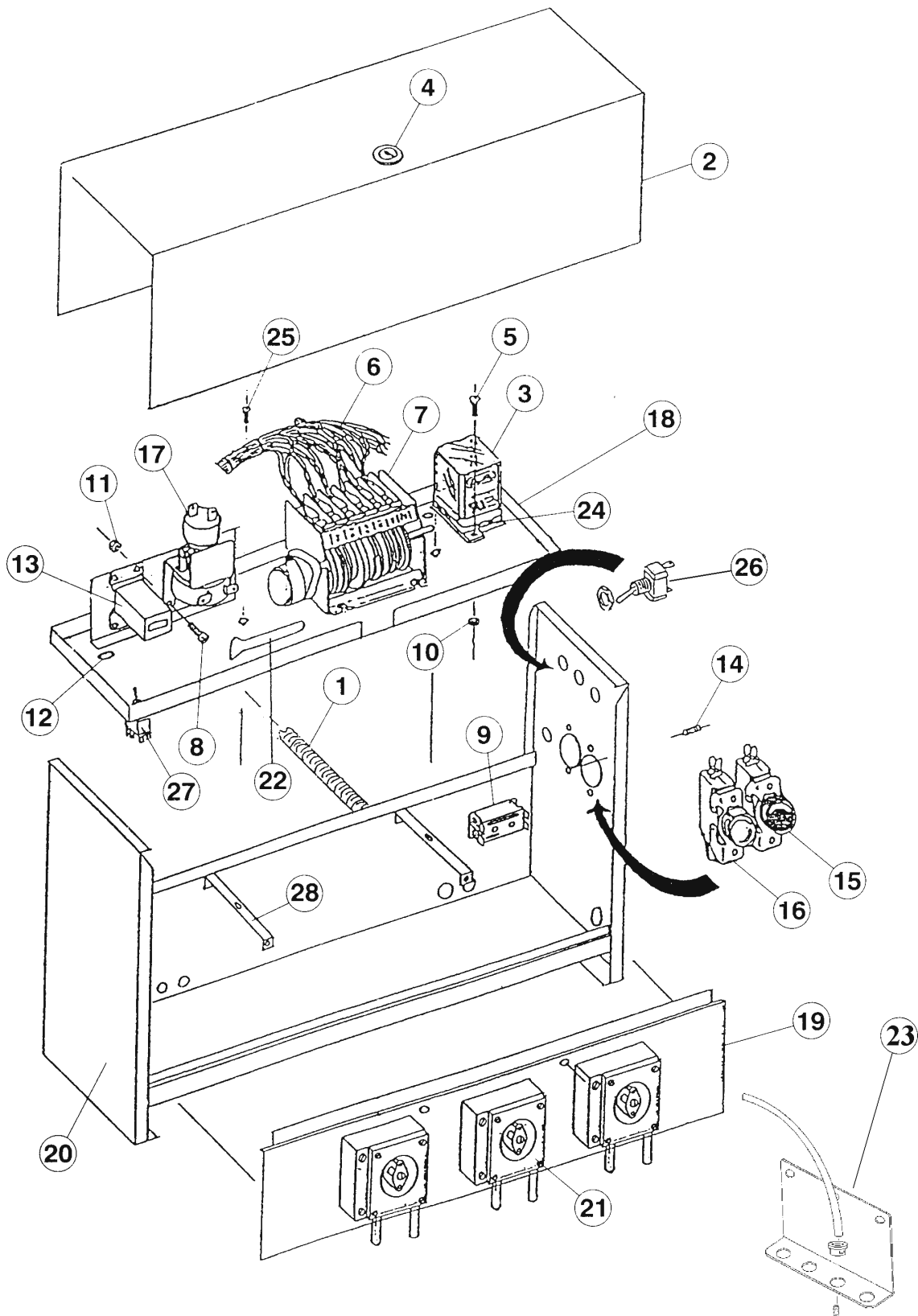


063-2000

Recirculating Pump Assembly  
AF3D-S / AFC3D-S

***American Dish Service***

Ref. No.	Part No.	No. Req.	Description
1	091-1001	1	Motor
2	082-6301	1	Rear Housing
3	092-2001	1	Seal Assembly
4	082-6303	1	Impeller
5	089-6303	1	Gasket
6	082-6302	1	Front Housing (Pump Cover)
7	085-6198	1	Discharge Pipe Weldment
8	092-1144	1	Pipe Plug, 3/8", SS
9	092-1002	1	Petcock 1/8"
10	092-1145	1	Pipe Plug, 1/8", SS
11	098-1507	2	Bolt, HH, SS, 5/16-18 x 7/8
N/S	098-1510	2	Bolt, 5/16-18 x 1 1/4", HH, SS
12	098-2503	4	Washer, Copper 5/16
13	098-1607	4	Bolt, 3/8-16 x 7/8" HH SS
14	085-6321	1	Pump Pipe, Suction
15	093-1039	2	Plastic Sleeve, Suction Tube
16	098-9038	4	Clamp, Suction Tube Sleeve
17	085-6320	1	Suction tube
18	098-1426	2	Bolt, 1/4-20 x 3/4", HH, SS
19	085-6408	1	Motor Plate
20	098-2404	6	Washer, 1/4", SS
21	098-1434	1	Bolt, 1/4-20 x 2", HH, SS
22	098-2507	3	Locknut, 1/4-20, SS
Rep.	088-1012	0	Pump assembly Through Impeller (Needs Gasket 089-6303)

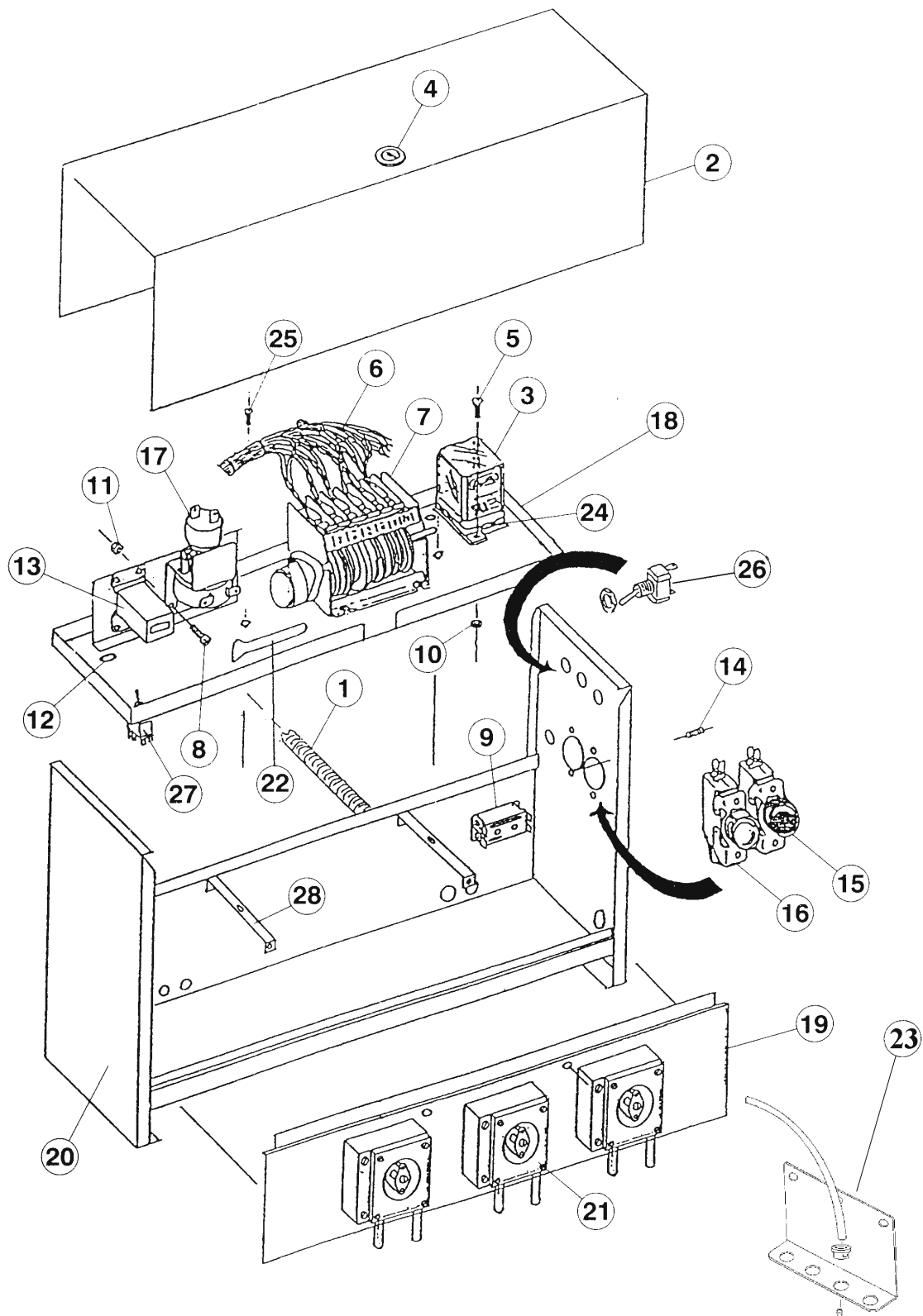


064-2600

Control System Assembly  
AF3D-S / AFC3D-S

***American Dish Service***

Ref. No.	Part No.	No. Req.	Description
1	091-5156	1	Conduit, ½" (Sold by the Foot)
2	087-6404	1	Control Box Cover
3	091-3003	1	Instant Start Relay (Not Included in Auto-Start Machines)
4	096-1002	1	Control Box Lock
5	098-1104	2	Bolt 6-32 x ½" RH SS
6	091-5022	1	Wire Harness
7	091-3051	1	Timer, 90 Second, 7 Cam
Opt.	091-3078	Opt.	Timer, 150 Second, 8 Cam
8	098-1204	6	Bolt 8-32 x ½" RH SS
9	091-3008	1	Switch, DPST (Master Switch)
10	098-2101	2	Nut 6-32 SS
11	098-2201	6	Locknut 8-32, SS
12	091-4006	2	Grommet 9/16
13	091-3049	1	Counter, Electric
14	098-1102	4	Bolt 6-32 x ¼" RH SS
15	091-3001	1	Push-Button Switch, Black Fill
16	091-3002	1	Push-Button Switch, Red Start
17	091-3007	1	Motor Relay (Mercury Relay)
18	086-6534	1	Upper Shelf, Control Box
19	087-6425	1	Pump Panel, Control Box
20	081-6415	1	Control Box Assembly
21	064-0010	3	Chemical Pump Assembly (Peristaltic)
22	099-1004	1	Timer Adjustment Key
23	064-0026	1	Chemical Feeder Assembly
24	091-3011	1	Relay Socket, Instant Start
25	098-1304	6	Bolt 10-32 x 5/8" RH SS
26	091-3009	4	Switch, SPST Momentary
27	091-3060	1	Switch, Service
28	086-6535	2	Shelf Support Bracket
N/S	089-9201	1	Decal, Wiring Diagram
N/S	089-9204	1	Decal, Clean Instruction, Outside Sump
N/S	089-9227	1	Decal, Cam Adjustment DWM
N/S	086-6166	1	Bracket, Door Cut-Off Switch
N/S	089-9312	1	Decal, NSF Specifications

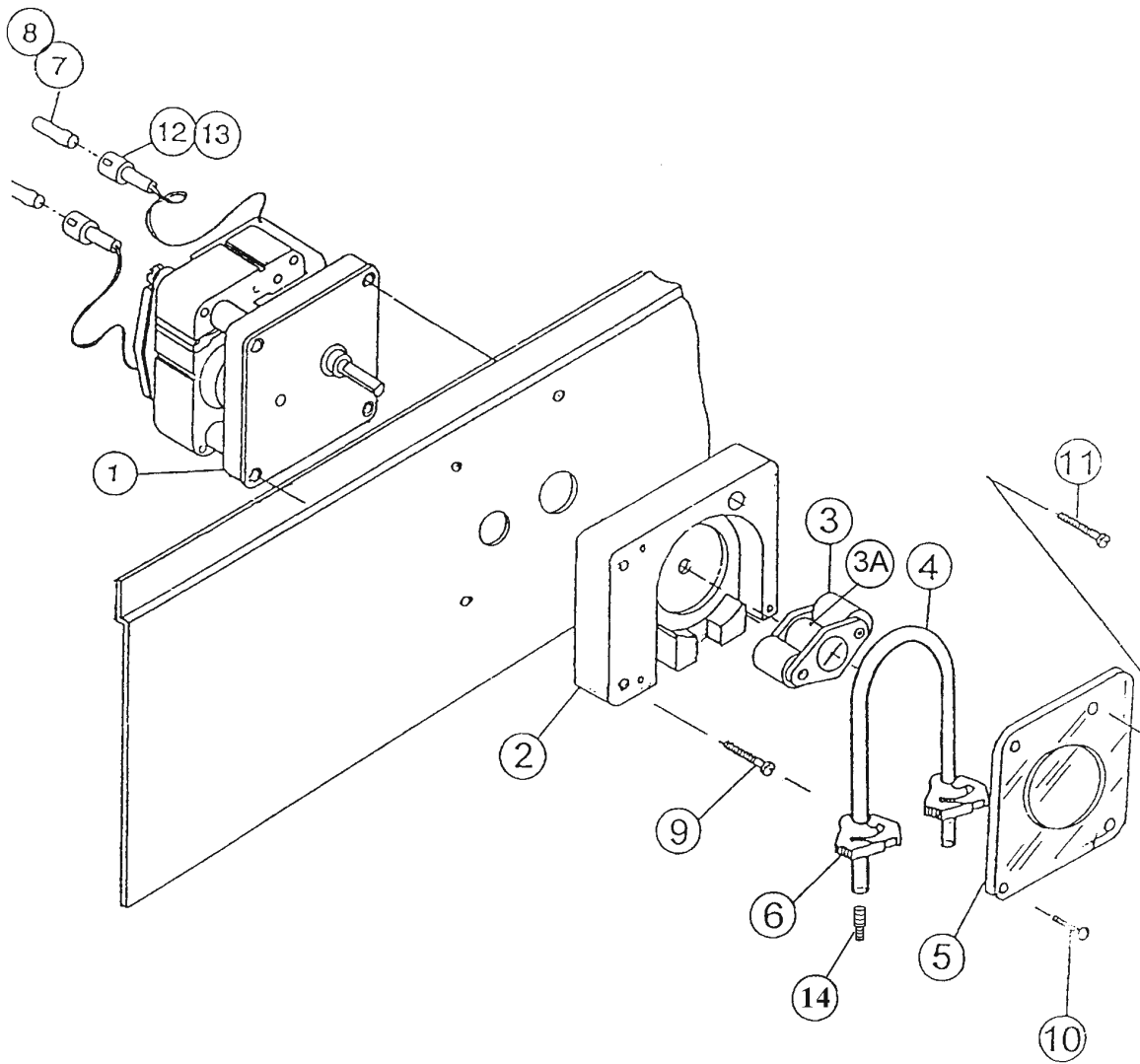


# Control System Assembly

## AF3D-S / AFC3D-S

## ***American Dish Service***

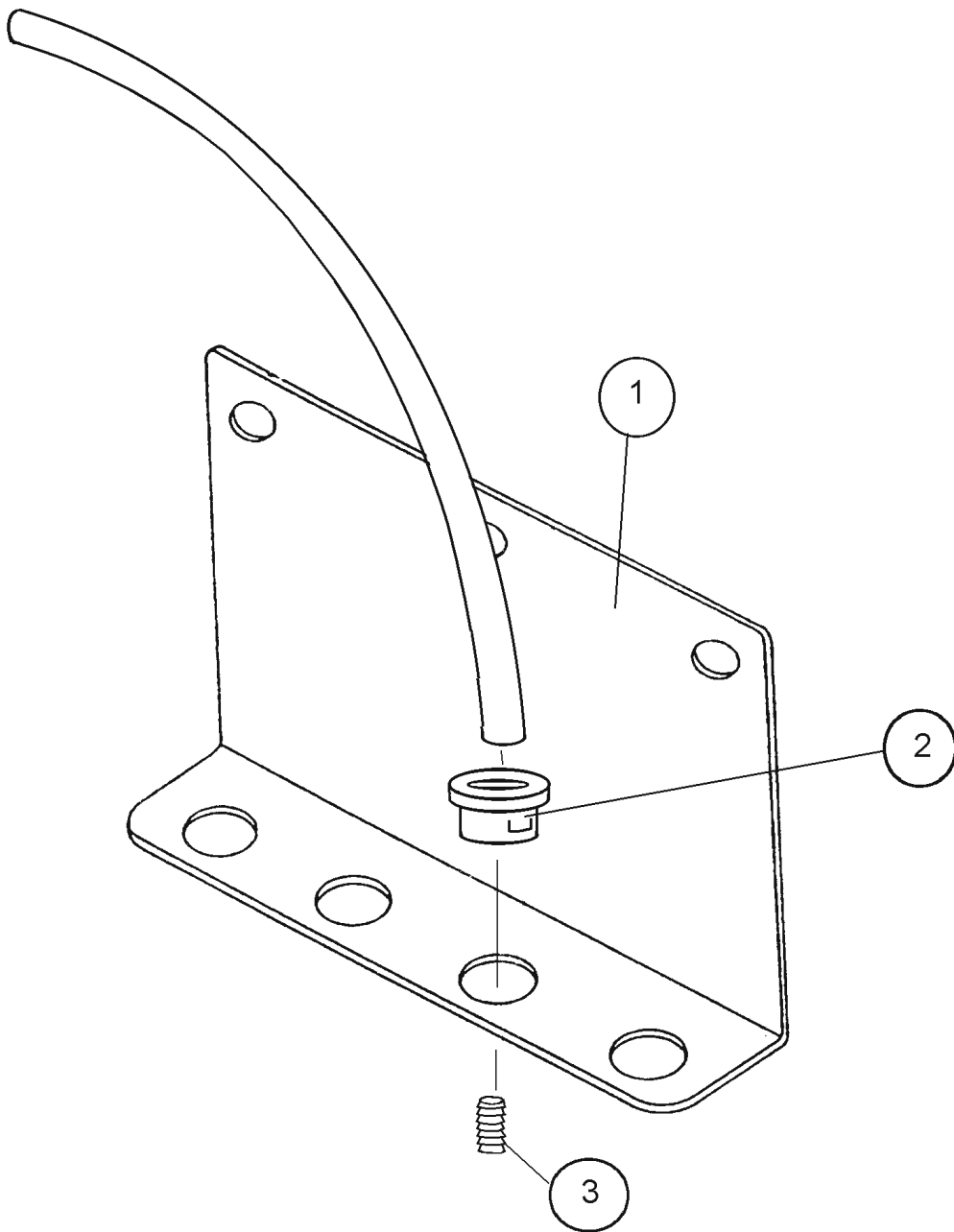
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# Chemical Pump Assembly AF3D-S / AFC3D-S

## ***American Dish Service***

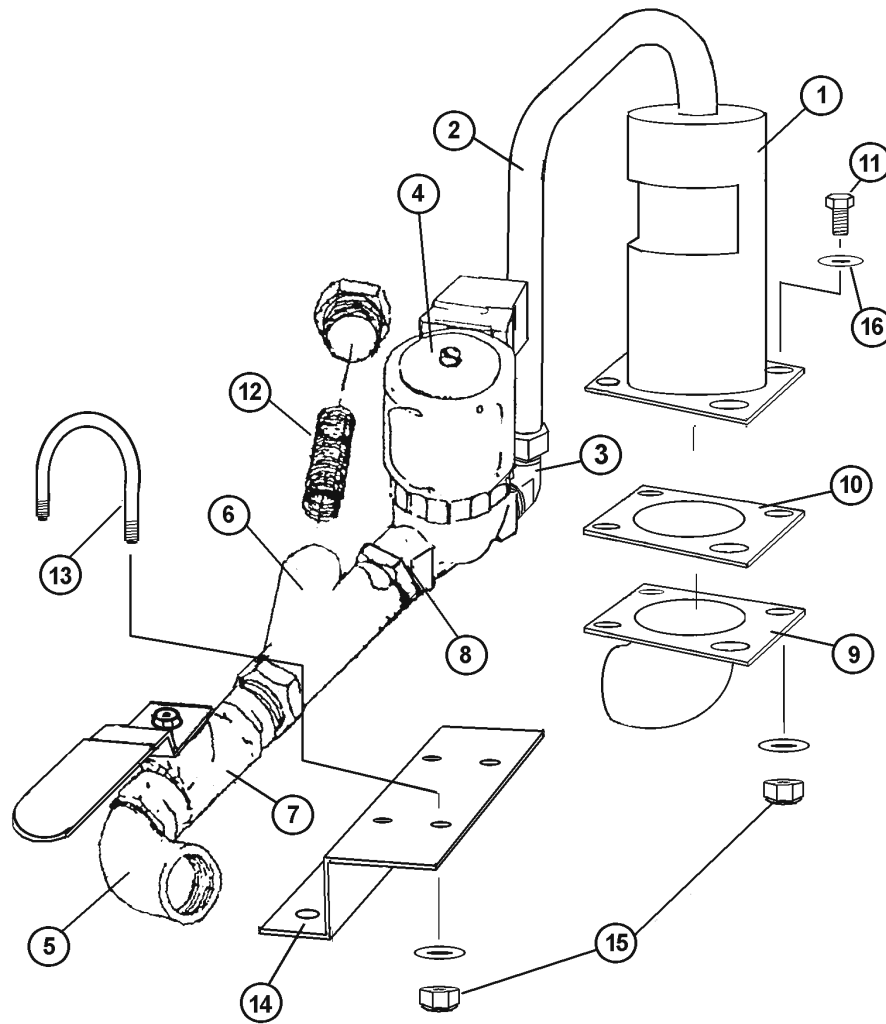
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064-0026  
Chemical Feeder Assembly  
AF3D-S / AFC3D-S

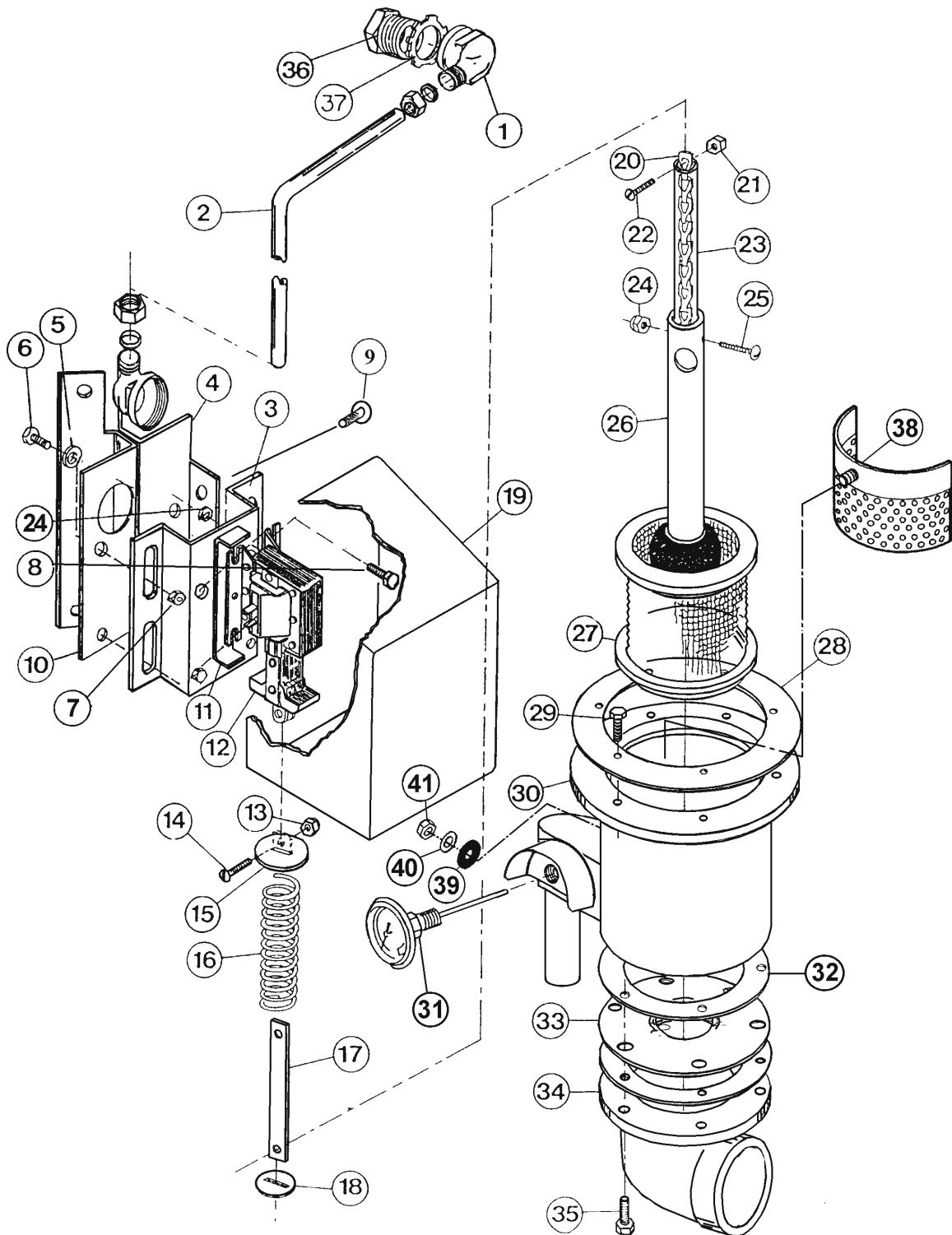
## ***American Dish Service***

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# Plumbing Assembly AF3D-S / AFC3D-S

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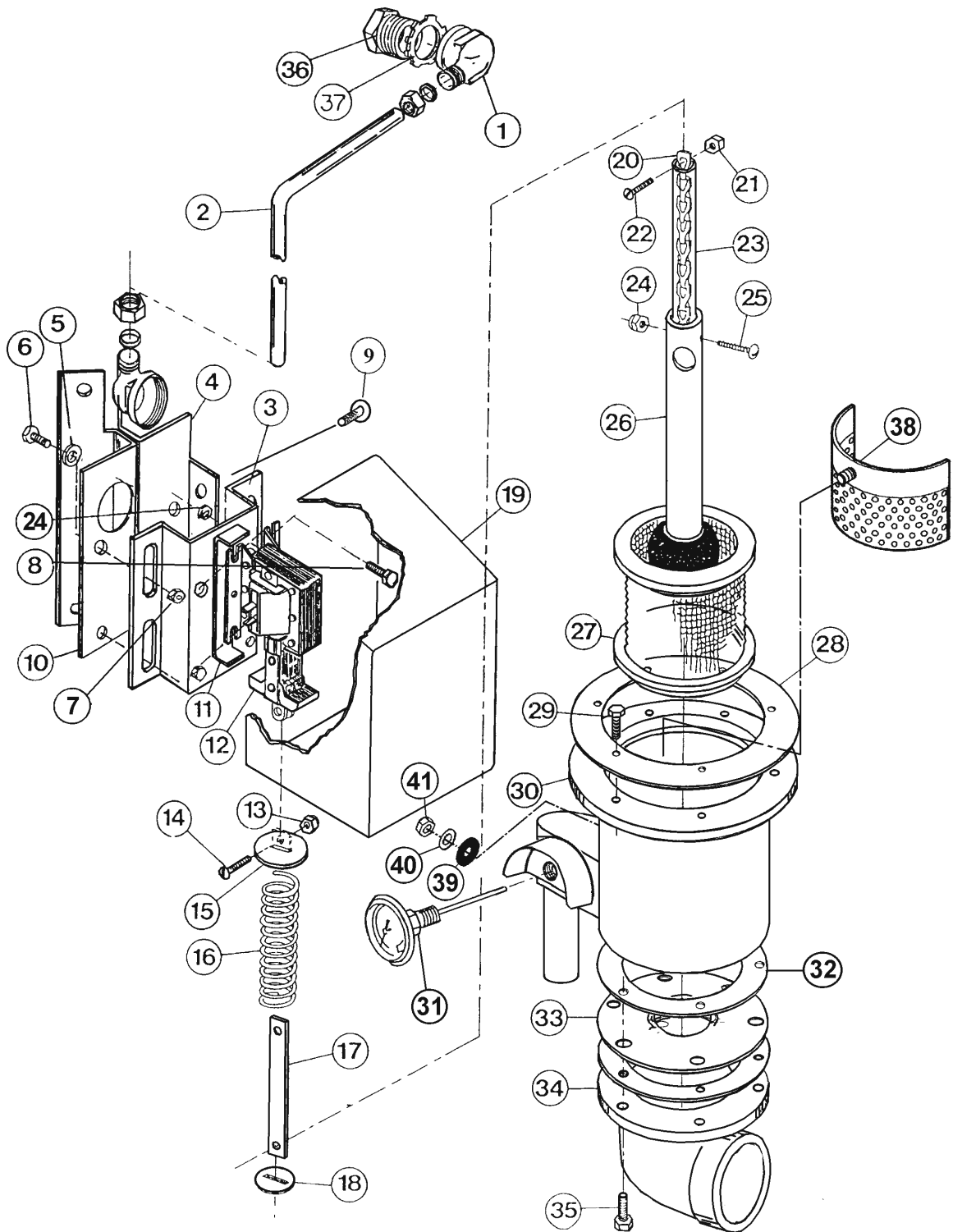


066-1300

Drain System Assembly  
AF3D-S / AFC3D-S

***American Dish Service***

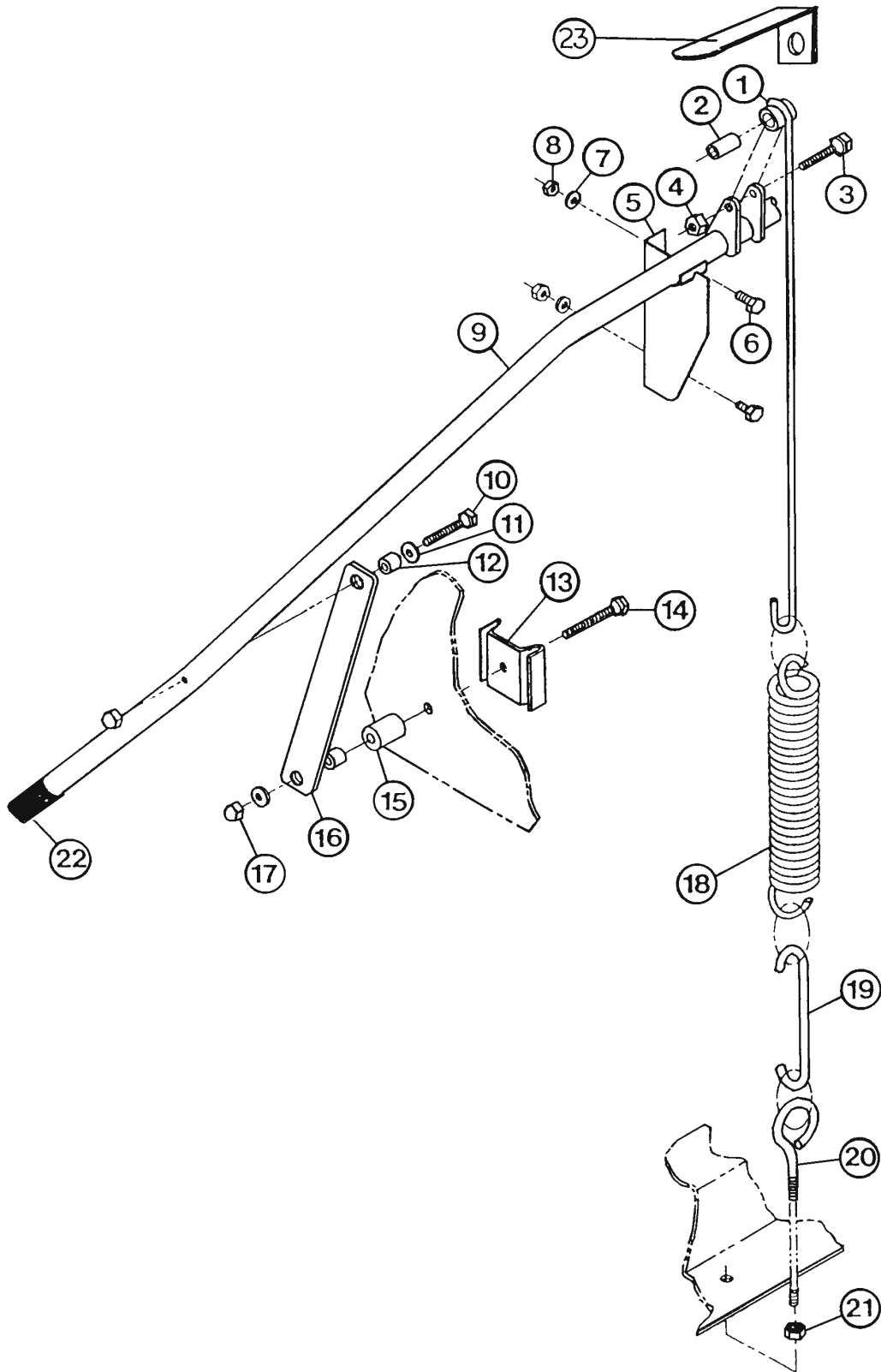
Ref. No.	Part No.	No. Req.	Description
1	092-1030	2	Conduit Fitting, 1/4", 90 °
2	086-6646	1	Conduit, 3/8" Dia. X 19"
3	086-6622	1	Solenoid Base, 3D Series
4	086-6645	1	Mounting Bracket, Right
5	098-2404	10	Washer, 1/4", SS
6	098-1423	4	Bolt, HH, SS, 1/4-20 x 1/2"
7	098-2507	4	Locknut, SS, 1/4-20
8	098-1306	4	Bolt, HH, SS, 10-32 x 1/2"
9	098-1413	2	Bolt, 1/4-20 x 3/8", TH, SS
10	086-6644	1	Mounting Bracket, Left
11	086-6604	1	Solenoid Stop
12	091-2001	1	Solenoid
13	098-2201	1	Locknut, 8-32, SS
14	098-1205	1	Screw, RH, SS, 8-32 x 5/8"
15	086-6607	1	1-1/16 Slotted Washer (Large)
16	098-3001	1	Spring
17	086-6605	1	Link
18	086-6606	1	1-5/16 Slotted Washer (Small)
19	085-6612	1	Solenoid Cover
20	089-6610	1	Chain, Make From 098-9001
21	098-2201	1	Locknut, 8-32, SS
22	098-1205	1	Screw, RH, SS, 8-32 x 5/8
23	084-6622	1	Chain Cover, Make From 093-1012
24	098-2301	5	Locknut, SS, 10-32
25	098-1311	1	Screw, RH, SS, 10-32 x 1 3/8
26	081-6601	1	Drain Plug Assembly
Rep	084-6608	0	Drain Tube (Replacement Part)
Rep	083-6601	0	Drain Ball (Replacement Part), 1 1/2"
27	085-6602	1	Sump Screen
28	089-6601	1	Sump Gasket
29	098-1423	6	Bolt, HH, SS, 1/4-20 x 1/2
30	085-6204	1	Sump Assembly With Tail Piece
31	099-1001	1	Temperature Gauge
32	089-6602	2	Drain Elbow Gasket



# Drain System Assembly

## AF3D-S / AFC3D-S

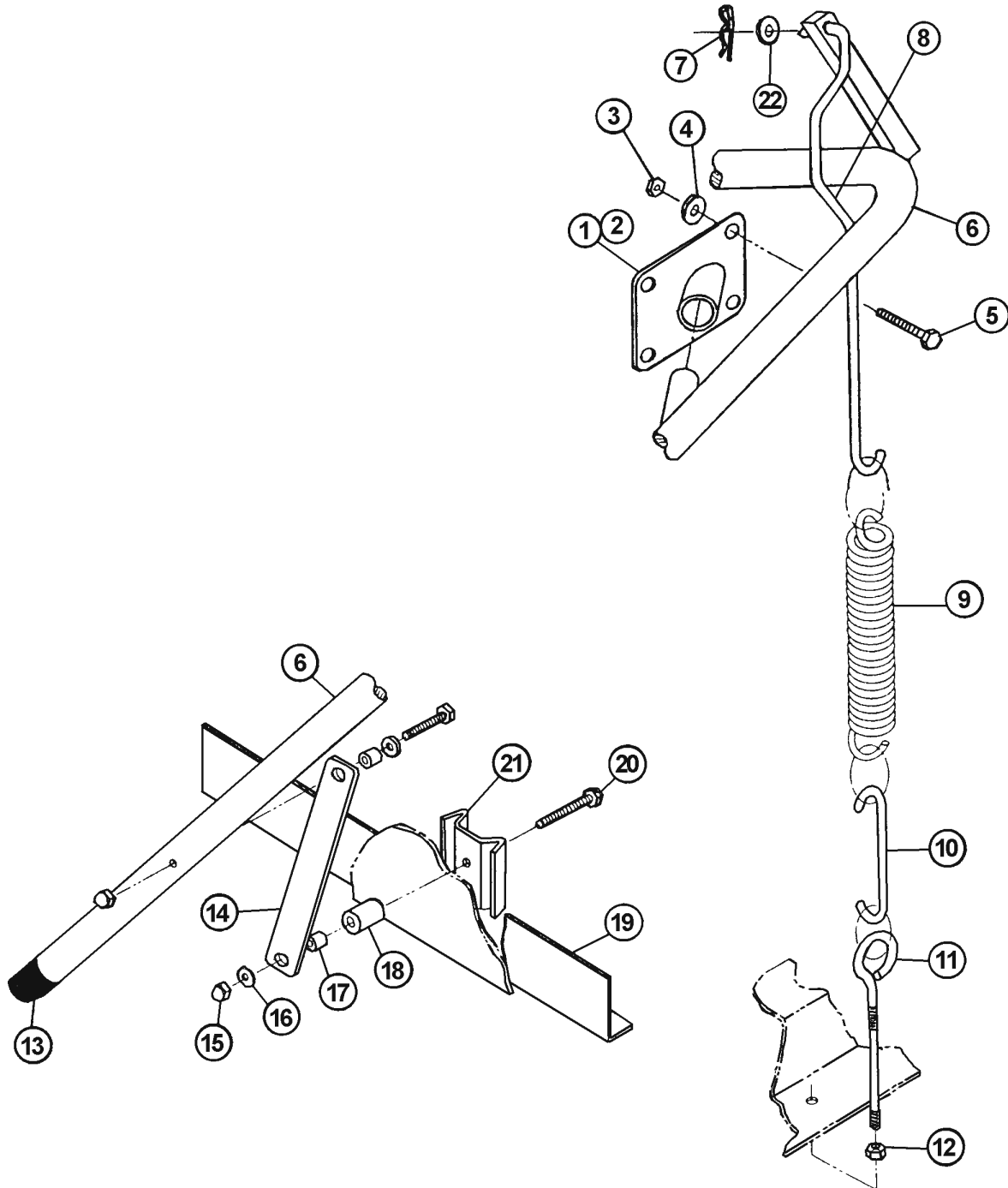
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067-1000  
Lever Arm Assembly  
AF3D-S

***American Dish Service***

Ref. No.	Part No.	No. Req.	Description
1	085-6701	2	Spring Extension Weldment
2	098-4002	2	Bushing, Bronze
3	098-1514	2	Bolt, 5/16-18 x 1 ½", HH SS
4	098-2505	2	Cap Nut, SS, 5/16-18
5	085-6703	1	Arm Support Bracket Weldment, Left
	085-6707	1	Arm Support Bracket Weldment, Right
6	098-1423	4	Bolt, ¼-20 x ½, HH, SS
7	098-2404	4	Washer, ¼, SS
8	098-2507	4	Locknut, ¼-20, SS
9	085-6726	1	Door Operating Arm Weldment (Lever Arm)AF-3DS
10	098-1431	2	Bolt, ¼-20 x 1 3/8, HH, SS
11	098-2404	6	Washer, ¼, SS
12	084-6703	4	Bushing (Dowel 3/8)
13	086-6701	2	Door Stop
14	098-1432	2	Bolt, ¼-20 x 1/34, HH, SS
15	084-6702	2	Spacer
16	086-6702	2	Door Link
17	098-2405	4	Cap Locknut, ¼-20, SS
18	098-3003	2	Door Spring
19	086-6703	2	Spring Extension, Secondary
20	098-1581	2	Eye Bolt, 5/16-18 x 6"
21	098-2502	2	Nut, HH, SS, 5/16-18
22	099-1018	2	Lever Arm End Cap
23	086-6623	1	Lever Arm Cut-Off Bracket, "L"
N/S	098-2503	2	Washer, Copper, 5/16"
N/S	088-1061	Opt.	Kit, Lever Arm Conversion, Straight to Corner



067-1100  
Lever Arm Assembly  
AFC3D-S

***American Dish Service***

Ref. No.	Part No.	No. Req.	Description
1	085-6808	1	Right Pivot Weldment (Long), (Plumbing Side)
2	085-6807	1	Left Pivot Weldment (Short)
3	098-2507	8	Locknut, HH, SS, 1/4-20
4	098-2404	8	Flat Washer, 1/4", SS
5	098-1423	8	Bolt, HH, SS, 1/4-20 x 1/2"
6	085-6725	1	Door Lever Arm Weldment, AFC-3DS
7	098-8006	1	Hairpin Cotter, SS
8	085-6721	1	Spring Extension Weldment
9	098-3011	1	Door Spring
10	086-6703	1	Spring Extension, Second
11	098-1581	1	Eye Bolt, SS, 5/16-18 x 6"
12	098-2502	1	Nut, HH, SS, 5/16-18
13	092-1086	2	Heavy Duty Cap 1"
14	086-6702	2	Door Link
15	098-2405	4	Locknut Cap, SS, 1/4-20
16	098-2404	4	Washer, SS, 1/4"
17	084-6701	4	Bushing (Dowel 5/8")
18	084-6702	2	Spacer
19	087-6701	2	Door Brace
20	098-1434	4	Bolt, HH, SS, 1/4-20 x 2"
21	086-6701	2	Door Stop
22	098-2503	1	Washer, Copper, 5/16"
N/S	088-1062	Opt.	Kit, Lever Arm Conversion, Corner to Straight

# ***American Dish Service***

*Manufacturer of low and high temperature  
Commercial Dishwashers and Glasswashers*

900 Blake Street  
Edwardsville, Kansas 66111  
Ph:(913) 422-3700  
Fax:(913) 422-6630