

**GS-1/GS-2/GCS-1/GCS-2/GSC-8/
GCF-2/GSC-3**

Parts Manual





List of Figures

Model Identification	1
Figure 1. Common Cabinet (Models 159, 160, 467, 468, 490, and 493)	2
Figure 2. Common Cabinet (Model 493)	6
Figure 3. Cabinet Insulation	10
Figure 4. Power Panel Assembly - Models 467, 468, 490	12
Figure 5. Power Panel Assembly - Models 159, 160	14
Figure 6. Monetary Panel Assembly	16
Figure 7. Card Reader and Bill Validator Combinations	24
Figure 9. Candy Tray Assembly	28
Figure 10. Gum and Mint Tray Assembly	32
Figure 11. Snack Tray Assembly	36
Figure 12. Base Plate Assembly	40
Figure 13. Door Assembly - Models 159, 160, 467, 468, 490	42
Figure 14. Common Trim and Panel Components - Models 159, 160, 467, 468, 490	46
Figure 15. Door Assembly - Model 493	50
Figure 16. Trim and Panel Components - Model 493	52
Figure 17. Coin Receptacle Assembly	54
Figure 18. Door Lock and Handle Assembly	56
Figure 19. Gum and Mint Assembly	58
Figure 20. Delivery Pan Assembly	62
Figure 21. Leg, Leveler, and Leg and Hinge Assemblies	66
Figure 28. Hot Drink Module (Model 493)	74
Figure 29. Coffee Shelf Assembly	76
Figure 30. Chocolate Shelf Assembly	78
Figure 31. Dry Ingredient (Sugar/Lightener) Shelf Assembly	80
Figure 32. Sugar/lightener Dispensing System (Model 493)	82
Figure 33. Fresh Brew Coffee Canister Assembly	84
Figure 34. Chocolate Canister Assembly	86
Figure 35. Sugar Canister Assembly	88
Figure 36. Lightener Canister Assembly	90
Figure 37. Water Inlet Assembly	92
Figure 38. Water Tank Assembly	94
Figure 39. Water Tank Top Assembly	96
Figure 40. Valve Assembly - Hot Water Tank	98
Figure 41. Bracket and Control Assembly	100
Figure 42. Blower and Mounting Assembly	102
Figure 43. Brewer Drive Assembly	104
Figure 44. Brewer Assembly - No Filter	106
Figure 45. Brewer Basket Assembly	110
Figure 46. Basket Lever Assembly	112
Figure 47. Funnel Assembly	114
Figure 48. Brewer Barrel Assembly	116
Figure 49. Overflow Switch Assembly	118
Figure 50. Fresh Brew Tube Routing	120
Figure 51. Cup Station Assembly	122



List of Figures (continued)

Figure 52. Cup Dispenser Assembly 124

Figure 53. Cover and PCB Assembly 128

Figure 54. Can and Refrigeration Module 130

Figure 55. Refrigeration Module Assembly - Can - 110V - No Chill 132

Figure 56. Can Unit Frame Assembly 136

Figure 57. Can Compartment Assembly 138

Figure 58. Motor and Ejector Mounting Channel Assembly 140

Figure 59. Refrigeration Module - GCS-1/GCS-2 142

Figure 60. Refrigeration Unit - GCS-1/GCS-2 144

Figure 61. Fluorescent Light Assembly (493 with Refrigerated Food Module) 146

Figure 62. Fluorescent Light Assembly (490 with Refrigerated Food Module) 148

Figure 63. Refrigerated Food Module and Housing Assembly 150

Figure 64. Major Components - Refrigerated Food Module 152

Figure 65. Refrigeration Module Assembly - Food 154

Figure 66. Food Module Door Frame Assembly 158

Figure 67. Refrigerated Food Module - Interior View 160

Figure 68. General Tray Assemblies - Refrigerated Food Module 164

Figure 69. Spiral Module Assembly 166

Figure 70. Door Assembly - Refrigerated Food Module 168

Figure 71. Left Hand Drive Arm Assembly 170

Figure 72. Right Hand Drive Arm Assembly 172

Figure 73. Motor Mounting Bracket Assembly 174

Figure 74. GS-1/GS-2 Cabling Diagram (Models 159, 160) 176

Figure 75. Clamps - GS-1/GS-2 (Models 159, 160) 178

Figure 76. GSC-3 (Model 493) Cabling Diagram 180

Figure 77. Clamps - GSC-3 (Model 493) 184

Figure 78. GSC-8/GCF-2 Food Module Cabling Diagram 186

Figure 79. Clamps - GSC-8/GCF-2 (Model 490) with Food Module 188

Figure 80. Cans, Gum & Mint Cabling Diagram - Domestic 190

Figure 81. GSC-8/GCF-2 (Model 490) Cans, Gum & Mint Clamps 192

Figure 82. GCS-1/GCS-2 Chilled Snack Cabling Diagram 194

Figure 83. Models 464, 465 Chilled Snack Clamps 196



List of Parts Tables

Table 1. Common Cabinet (Models 159, 160, 467, 468, 490, and 493) 3

Table 2. Common Cabinet (Model 493) 7

Table 3. Cabinet Insulation 11

Table 4. Power Panel Assembly - Models 467, 468, 490 13

Table 5. Power Panel Assembly - Models 159, 160 15

Table 6. Monetary Panel Assembly 17

Table 7. Card Reader and Bill Validator Combinations 25

Table 8-A. Monetary Location Options 26

Table 8-B. Bill Validator Options 27

Table 8-C. Coin Mechanism Options 27

Table 8-D. Card Readers 27

Table 9. Candy Tray Assembly 29

Table 10. Gum and Mint Tray Assembly 33

Table 11. Snack Tray Assembly 37

Table 11-A. Spiral Options 39

Table 12. Base Plate Assembly 41

Table 13. Door Assembly - Models 159, 160, 467, 468, 490 43

Table 14. Common Trim and Panel Components - Models 159, 160, 467, 468, 490 47

Table 14-A. Trim Panel Availability 49

Table 15. Door Assembly - Model 493 51

Table 16. Trim and Panel Components - Model 493 53

Table 17. Coin Receptacle Assembly 55

Table 18. Door Lock and Handle Assembly 57

Table 19. Gum and Mint Assembly 59

Table 20. Delivery Pan Assembly 63

Table 21. Leg, Leveler, and Leg and Hinge Assemblies 67

Table 22. Bag Assembly 1590006 - Domestic 68

Table 23. Bag Assembly 4670003 - Domestic 69

Table 24. Bag Assembly 4900003 - Domestic 70

Table 25. Bag Assembly 4900005 - Domestic 71

Table 26. Bag Assembly 4930007 - Refrigerated/frozen Food - Domestic 72

Table 27. Bag Assembly 4930004 - Can / No Can Option - Domestic 73

Table 28. Hot Drink Module (Model 493) 75

Table 29. Coffee Shelf Assembly 77

Table 30. Chocolate Shelf Assembly 79

Table 31. Dry Ingredient (Sugar/lightener) Shelf Assembly 81

Table 32. Sugar/lightener Dispensing System (Model 493) 83

Table 33. Fresh Brew Coffee Canister Assembly 85

Table 34. Chocolate Canister Assembly 87

Table 35. Sugar Canister Assembly 89

Table 36. Lightener Canister Assembly 91

Table 37. Water Inlet Assembly 93

Table 38. Water Tank Assembly 95

Table 39. Water Tank Top Assembly 97

Table 40. Valve Assembly - Hot Water Tank 99



List of Parts Tables (continued)

Table 41.	Bracket and Control Assembly	101
Table 42.	Blower and Mounting Assembly	103
Table 43.	Brewer Drive Assembly	105
Table 44.	Brewer Assembly - No Filter	107
Table 45.	Brewer Basket Assembly	111
Table 46.	Basket Lever Assembly	113
Table 47.	Funnel Assembly	115
Table 48.	Brewer Barrel Assembly	117
Table 49.	Overflow Switch Assembly	119
Table 50.	Fresh Brew Tube Routing	121
Table 51.	Cup Station Assembly	123
Table 52.	Cup Dispenser Assembly	125
Table 53.	Cover and Pcb Assembly	129
Table 54.	Can and Refrigeration Module	131
Table 55.	Refrigeration Module Assembly - Can - 110V - No Chill	133
Table 56.	Can Unit Frame Assembly	137
Table 57.	Can Compartment Assembly	139
Table 58.	Motor and Ejector Mounting Channel Assembly	141
Table 59.	Refrigeration Module - GCS-1/GCS-2	143
Table 60.	Refrigeration Unit - GCS-1/GCS-2	145
Table 61.	Fluorescent Light Assembly (493 with Refrigerated Food Module)	147
Table 62.	Fluorescent Light Assembly (490 with Refrigerated Food Module)	149
Table 63.	Refrigerated Food Module and Housing Assembly	151
Table 64.	Major Components - Refrigerated Food Module	153
Table 65.	Refrigeration Module Assembly - Food	155
Table 66.	Food Module Door Frame Assembly	159
Table 67.	Refrigerated Food Module - Interior View	161
Table 68.	General Tray Assemblies - Refrigerated Food Module	165
Table 69.	Spiral Module Assembly	167
Table 70.	Door Assembly - Refrigerated Food Module	169
Table 71.	Left Hand Drive Arm Assembly	171
Table 72.	Right Hand Drive Arm Assembly	173
Table 73.	Motor Mounting Bracket Assembly	175
Table 74.	GS-1/GS-2 Cabling Diagram (Models 159, 160)	177
Table 75.	Clamps - GS-1/GS-2 (Models 159, 160)	179
Table 76.	GSC-3 (Model 493) Cabling Diagram	181
Table 77.	Clamps - GSC-3 (Model 493)	185
Table 78.	GSC-8/GCF-2 Food Module Cabling Diagram	187



THE ILLUSTRATED PARTS BREAKDOWN

INTRODUCTION

This manual contains the parts breakdown for the GS-1, GS-2, GCS-1, GCS-2, GSC-8, GCF-2, and GSC-3 merchandisers. Each illustration shows an exploded view with index numbers. These numbers correspond with the numbers in the parts list table column headed INDEX. The PART NUMBER column lists the part number of each part or assembly. The DESCRIPTION column lists the identifying name of each part or assembly. The QTY column lists the quantity needed of each part or assembly.

HOW TO USE THE PARTS LIST

1. Use the List of Figures and/or List of Parts Tables to find the part or assembly you are interested in.
2. Go to that figure, locate the part or assembly, and note its index number.
3. Find the index number in the parts list table, then read across for a complete description.
4. To find every occurrence of a specific part number, use the Part Number Index located at the end of the manual.

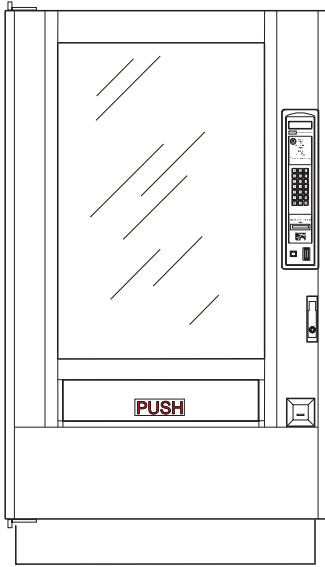
HOW TO ORDER

Parts are available through your Glasco distributor. Be ready to provide the model number and serial number of your merchandiser.

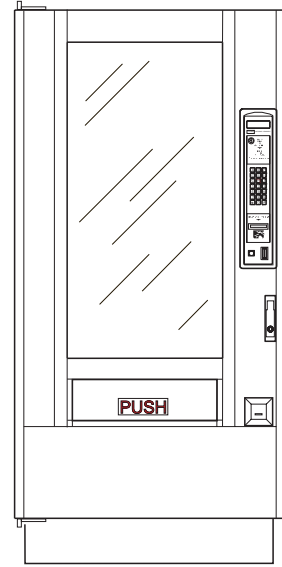


THIS PAGE IS INTENTIONALLY LEFT BLANK

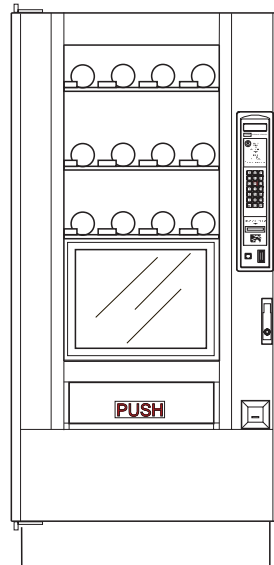
Model Identification



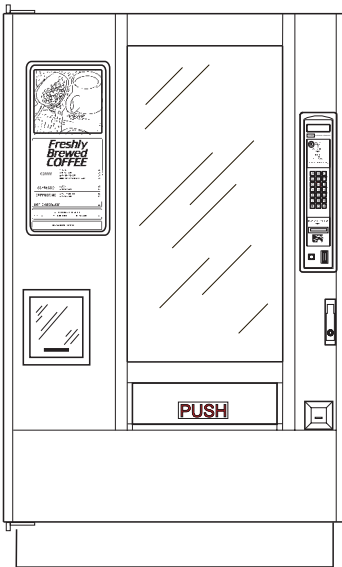
GS-1 (159)
GCS-1 (467)



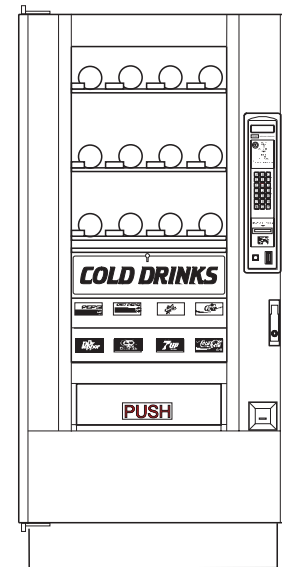
GS-2 (160)
GCS-2 (468)



GCF-2 (490)



GSC-3 (493)



GSC-8 (490)

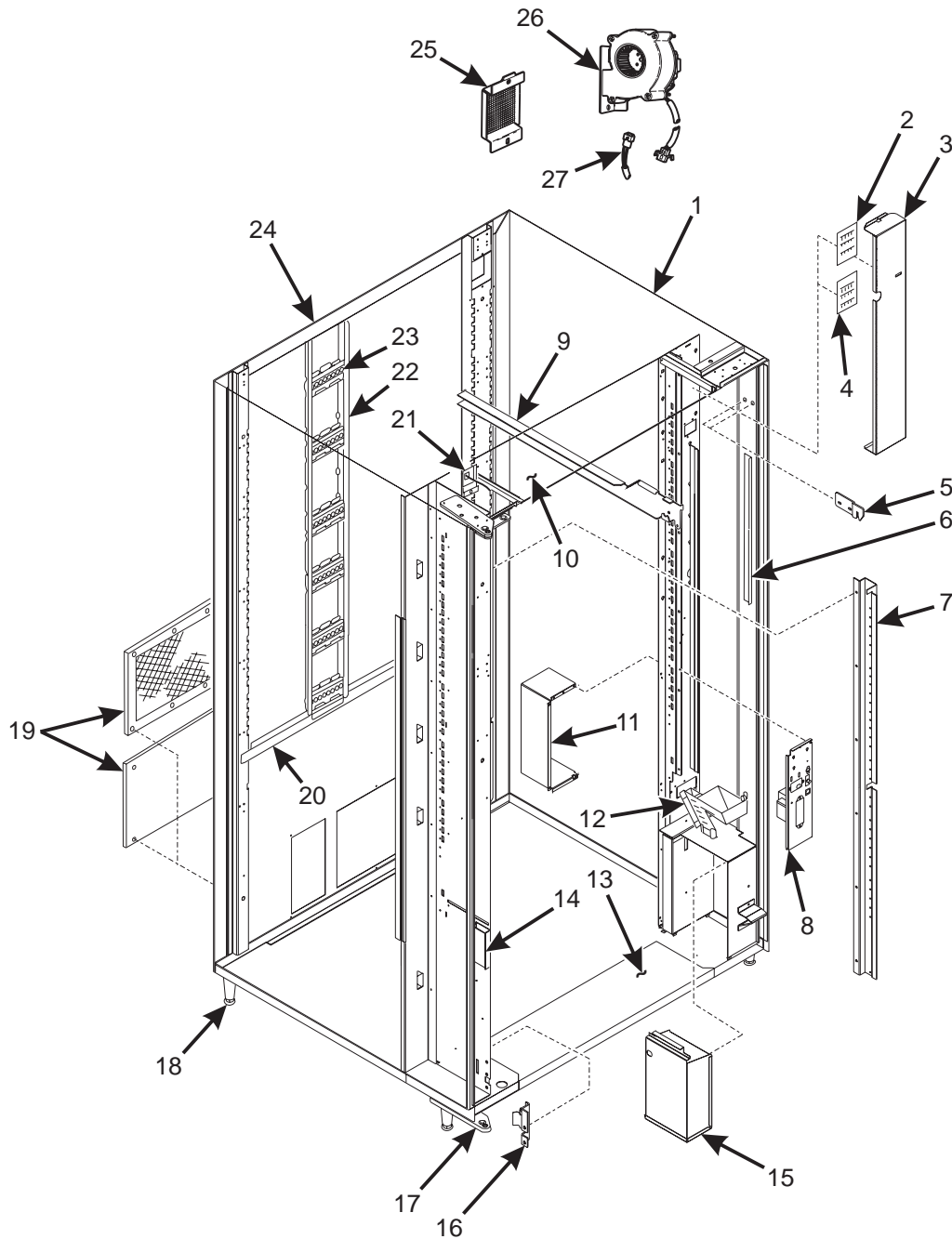


Figure 1. Common Cabinet (Models 159, 160, 467, 468, 490, and 493) (Part 1 of 2)



GS-1/GS-2/GCS-1/GCS-2/GSC-8/GCF-2/GSC-3 Parts Manual

TABLE 1. COMMON CABINET (MODELS 159, 160, 467, 468, 490, AND 493)
(PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1571126	WELD ASSEMBLY - CABINET (159, 467)	1
	1581040	WELD ASSEMBLY - CABINET (160, 468, 490, 487)	
2	1596002	PCB ASSEMBLY - MAIN CONTROLLER	1
-	1571034	STANDOFF (ATTACHING PART FOR INDEX #2)	1
-	1471199	SCREW (ATTACHING PART FOR INDEX #2)	1
3	1571112	COVER - CONTROLLER/INTERFACE PCB	1
-	3157060	SCREW (ATTACHING PART FOR INDEX #3)	2
-	1451097	SCREW (ATTACHING PART FOR INDEX #3)	1
-	1732024	CABLE CLAMP - 1/2"	1
4	1576008	PCB ASSEMBLY - SNACK INTERFACE	1
-	1571034	STANDOFF (ATTACHING PART FOR INDEX #4)	1
-	1471199	SCREW (ATTACHING PART FOR INDEX #4)	1
5	1571074	LOCK ARM - CABINET	2
-	1141043	SCREW (ATTACHING PART FOR INDEX #5)	4
6	1571022	STOP - MONETARY PANEL	1
-	1451097	SCREW (ATTACHING PART FOR INDEX #6)	3
7	1571119	RAIL MOUNTING CHANNEL - L.H. (159, 467 ONLY)	1
-	1451097	SCREW (ATTACHING PART FOR INDEX #7)	6
8	-	POWER PANEL (SEE FIGURES 4 & 5 FOR DETAILS)	1
-	3157060	SCREW (ATTACHING PART FOR INDEX #8)	1
9	1571095	TRAY GUIDE RAIL ASSEMBLY - R.H.	-
	1571096	TRAY GUIDE RAIL ASSEMBLY - L.H. (NOT SHOWN)	
-	1457097	SCREW (ATTACHING PART FOR INDEX #9)	1 (EA)
10	1571107	WELD ASSEMBLY - TOP FILLER (159, 467 ONLY)	1
	1581035	WELD ASSEMBLY - TOP FILLER (160, 468, 490, 487 ONLY)	
-	1451097	SCREW (ATTACHING PART FOR INDEX #10)	4
11	1571032	HOUSING - POWER PANEL	1
-	3157060	SCREW (ATTACHING PART FOR INDEX #11)	1
-	6106024	BUSHING (ATTACHING PART FOR INDEX #11)	1
12	6231242	CHUTE - PAYOUT	1
-	1451097	SCREW (ATTACHING PART FOR INDEX #12)	2
13	1571053	WELD ASSEMBLY - BASE FILLER (159, 467)	1
	1581009	WELD ASSEMBLY - BASE FILLER (160, 468, 490, 487)	
-	1451097	SCREW (ATTACHING PART FOR INDEX #13)	5
14	1571123	DEFLECTOR - LARGE SNACK (159, 467)	1
	1581039	DEFLECTOR - SMALL SNACK (160, 468)	
	4841020	DEFLECTOR - RC2 WITH MODULE (490, 487)	
-	1170206	SCREW (ATTACHING PART FOR INDEX #14)	2
15	1571029	MONEY BOX ASSEMBLY	1
16	1571090	PLATE ASSEMBLY - DOOR CHECK (ALL MODELS EXCEPT GSC3)	1
-	1141043	SCREW (ATTACHING PART FOR INDEX #16)	3

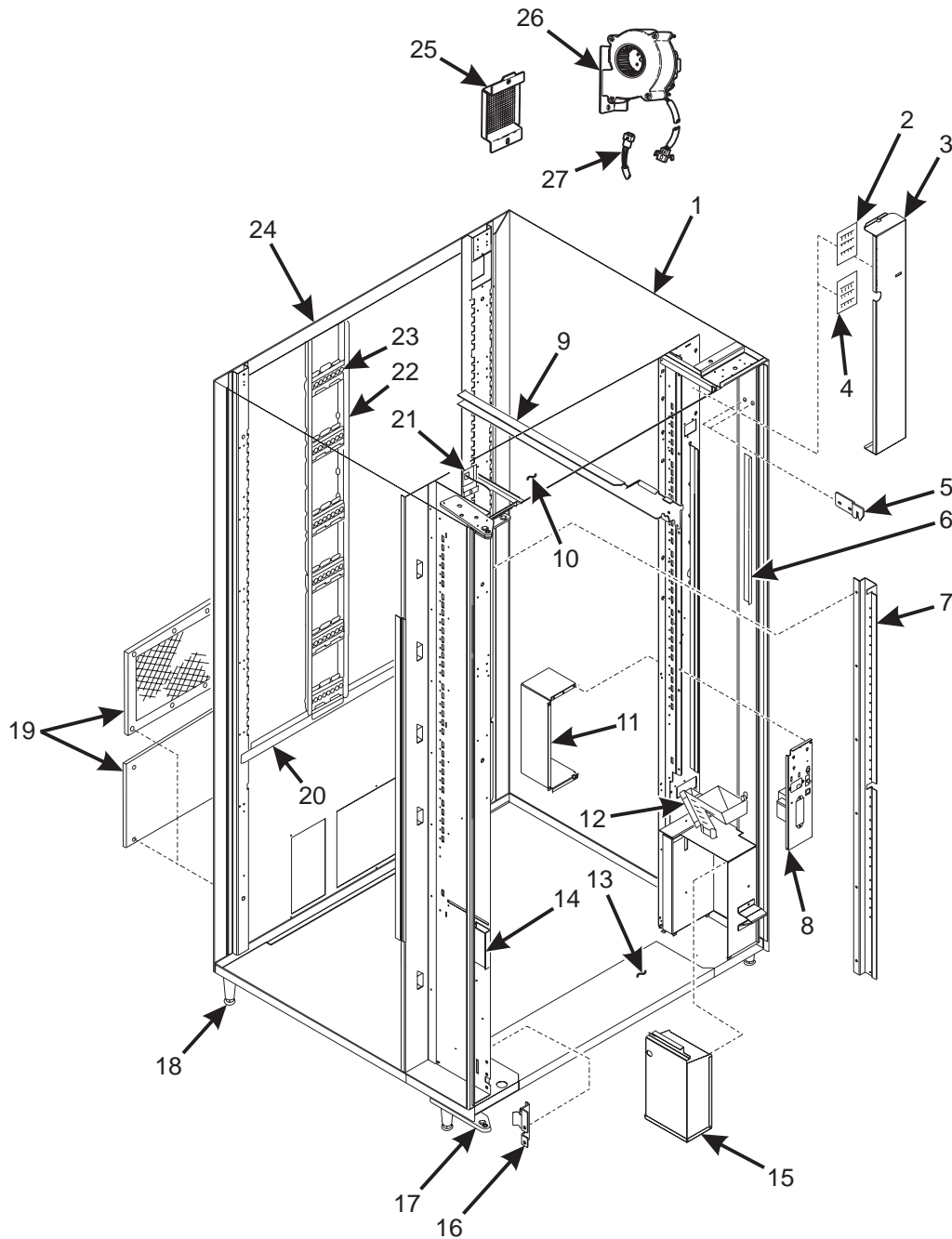


Figure 1. Common Cabinet (Models 159, 160, 467, 468, 490, and 493) (Part 2 of 2)



GS-1/GS-2/GCS-1/GCS-2/GSC-8/GCF-2/GSC-3 Parts Manual

TABLE 1. COMMON CABINET (MODELS 159, 160, 467, 468, 490, AND 493)
(PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
17	6231163	LEG,HINGE & LEVELER ASSEMBLY (SEE FIGURE 21 FOR DETAILS)	1
18	1471237	LEG & LEVELER ASSEMBLY - CABINET (SEE FIGURE 21 FOR DETAILS)	3
19	1481037	PLATE - CABINET BACK (159, 160 ONLY)	1
	4741001	SCREEN ASSEMBLY - VENT (467, 468, 490, AND 487 ONLY)	
-	4031248	RIVET (ATTACHING PART FOR INDEX #19)	6
20	1571143	U-CHANNEL - RECEPTACLE MOUNTING (159, 467)	1
	1481057	ANGLE - RECEPTACLE MOUNTING 160, 490 W/CAN, 487 W/CAN)	
	1581043	U-CHANNEL - RECEPTACLE (468)	
	4401026	ANGLE - RECEPTACLE MOUNTING (490, 487 W/FOOD)	
-	1451097	SCREW (ATTACHING PART FOR INDEX #20)	4
21	1471065	BRACKET - MOUNTING - POWER CORD	1
-	1451097	SCREW (ATTACHING PART FOR INDEX #21)	2
22	1571070	CHANNEL - MOUNTING - RECEPTACLE (159, 160, 467, 468)	1
	1571071	CHANNEL - MOUNTING - RECEPTACLE (490, 487)	
-	1457097	SCREW (ATTACHING PART FOR INDEX #22)	4
23	1571097	RECEPTACLE BLOCK & P/C	OPT.
24	1571143	U-CHANNEL - MOUNTING - RECEPTACLE (159, 467)	1
	1481057	ANGLE - RECEPTACLE MOUNTING (160, 468, 490, 487)	
-	1451097	SCREW (ATTACHING PART FOR INDEX #24)	4
25	1471090	COVER - FAN HOLE (ALL MODELS WITHOUT FAN)	1
	1471054	BRACKET & SCREEN ASSEMBLY - EXHAUST (ALL MODELS WITH FAN)	
-	1451097	SCREW (ATTACHING PART FOR INDEX #25)	2
26	1471399	BRACKET & BLOWER ASSEMBLY (ALL 120 V MODELS)	OPT.
	1571099	BRACKET & BLOWER ASSEMBLY (ALL 230 V MODELS)	
27	1579021	JUMPER - POWER PANEL TO EXHAUST FAN (MODELS WITH FAN AND NO INTERLOCK SWITCH)	OPT.
	6339000	HARNESS - INTERLOCK TO EXHAUST FAN (MODELS WITH FAN AND INTERLOCK SWITCH)	OPT.

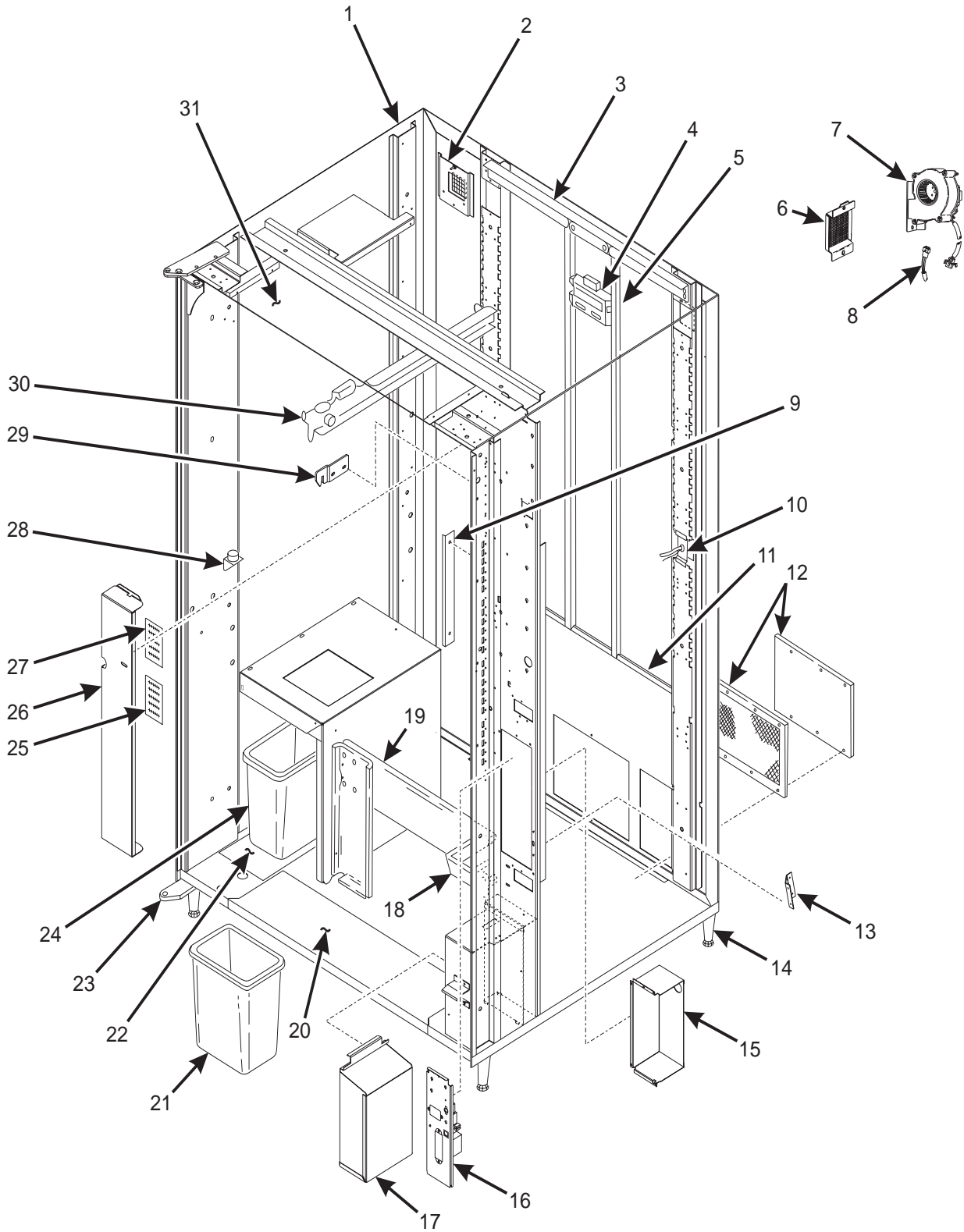


Figure 2. Common Cabinet (Model 493) (Part 1 of 2)



TABLE 2. COMMON CABINET (MODEL 493) (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4851072	WELD ASSEMBLY - CABINET	1
2	6131041	SCREEN ASSEMBLY - CABINET BACK	1
-	9900031	WINGNUT 8-32 (ATTACHING PART FOR INDEX #2)	1
3	1481057	ANGLE - RECEPTACLE MOUNTING	1
-	1451097	SCREW (ATTACHING PARTS FOR INDEX #3)	4
4	1571097	RECEPTACLE BLOCK & P/C	OPT.
5	1571070	CHANNEL - MOUNTING - RECEPTACLE (6 OR 7 TRAY)	1
	1571071	CHANNEL - MOUNTING RECEPTACLE (3 TRAY)	
-	1451097	SCREW (ATTACHING PARTS FOR INDEX #5)	4
6	1471054	BRACKET & SCREEN ASSEMBLY - EXHAUST	OPT.
	1471090	COVER - FAN HOLE	
-	1471097	SCREW (ATTACHING PARTS FOR INDEX #6)	2
7	1471399	BRACKET & BLOWER ASSEMBLY	OPT.
8	1579021	JUMPER - POWER PANEL TO EXHAUST FAN (MODELS WITH ALL TRAY, CAN, OR REFRIG. FOOD)	OPT.
	6339000	HARNESS-INTERLOCK TO EXHAUST FAN (FROZEN FOOD ONLY)	OPT.
9	1571022	STOP - MONETARY PANEL	1
-	1451097	SCREW (ATTACHING PARTS FOR INDEX #9)	2
10	4751203	BRACKET - MOUNTING - POWER CORD	3
-	1451097	SCREW (ATTACHING PARTS FOR INDEX #10)	1
11	1481057	ANGLE - RECEPTACLE MOUNTING (493 6 TRAY OR ALL CAN)	1
	4401026	ANGLE - RECEPTACLE MOUNTING (FOOD MODULE)	
	1581043	"U" CHANNEL - RECEPTACLE (493 6 TRAY)	
-	1451097	SCREW (ATTACHING PARTS FOR INDEX #11)	4
12	1481037	PLATE - CABINET BACK (WITHOUT MODULE)	1
	4741001	SCREEN ASSEMBLY - VENT (WITH MODULE)	
-	1451097	SCREW (ATTACHING PARTS FOR INDEX # 12)	6
-	4031248	RIVET (ATTACHING PARTS FOR INDEX # 12)	6
13	4851038	GUSSET - CHANNEL BRACE (6 TRAY ONLY)	1
-	1451097	SCREW (ATTACHING PART FOR INDEX #13)	4
14	1471237	LEG & LEVELER ASSEMBLY - CABINET (SEE FIGURE 21 FOR DETAILS)	3
15	1571032	HOUSING - POWER PANEL	1
-	3157060	SCREW (ATTACHING PART FOR INDEX # 15)	1
-	6106024	BUSHING (ATTACHING PART FOR INDEX # 15)	1
16	-	POWER PANEL (SEE FIGURES 3 - 7 FOR DETAILS)	1
-	3157060	SCREW (ATTACHING PART FOR INDEX #16)	1
17	1571029	MONEY BOX ASSEMBLY	1
18	6231242	CHUTE - PAYOUT	1
-	1451097	SCREW (ATTACHING PARTS FOR INDEX # 16)	2
19	4851036	BRACE ASSEMBLY - CHANNEL (6 TRAY ONLY)	1

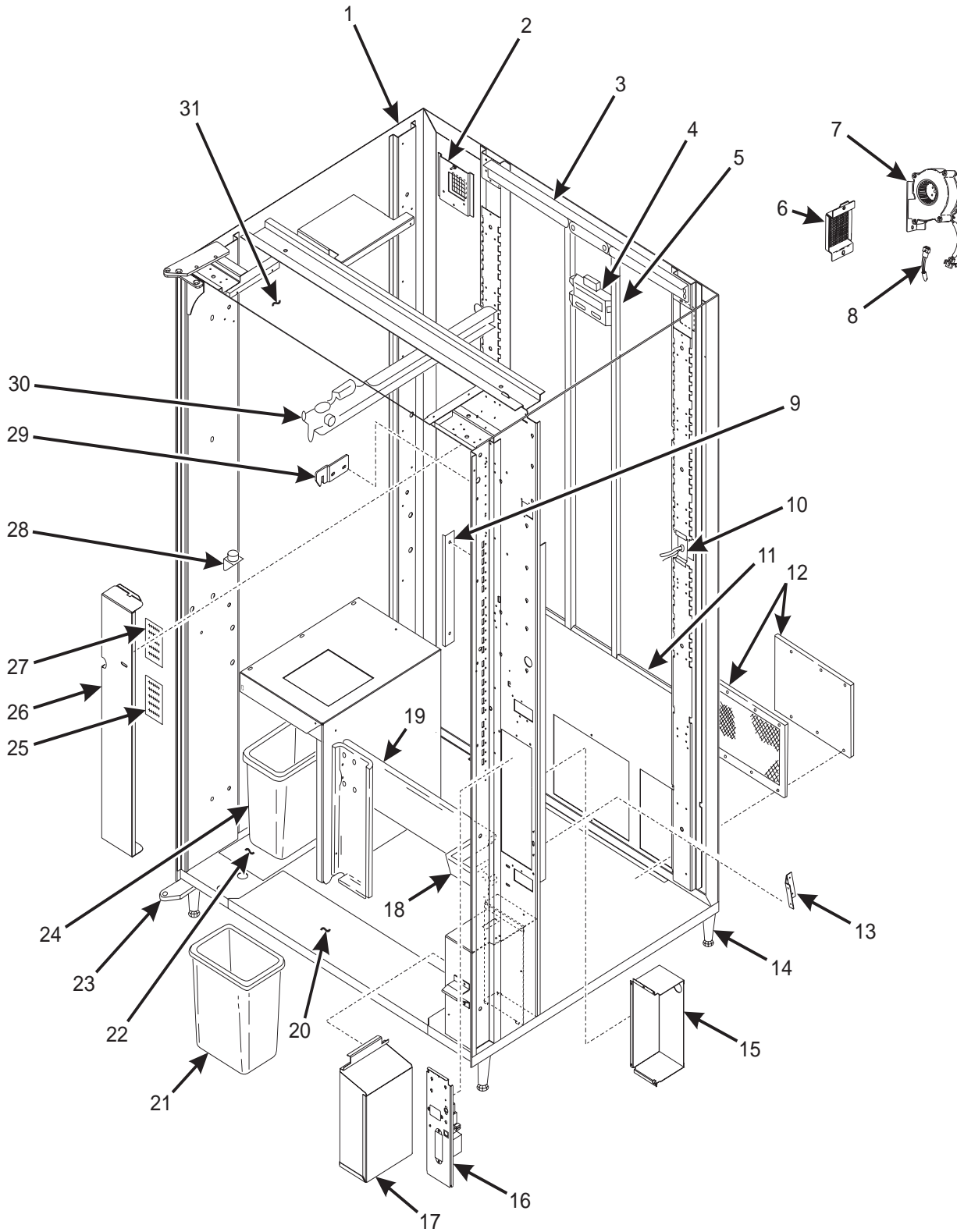


Figure 2. Common Cabinet (Models 493) (Part 2 of 2)



TABLE 2. COMMON CABINET (MODELS 493) (PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	1451097	SCREW (ATTACHING PARTS FOR INDEX # 19)	4
20	4851009	WELD ASSEMBLY - BASE FILLER	1
-	1451097	SCREW (ATTACHING PARTS FOR INDEX # 19)	5
21	4751162	PAIL - 8.5"SQ. X 13.0"	1
22	4851033	BASE - BUCKET	1
-	9900168	SCREW (ATTACHING PARTS FOR INDEX # 22)	2
23	6231163	LEG,HINGE & LEVELER ASSEMBLY (SEE FIGURE 21 FOR DETAILS)	1
24	4731035	WASTE BASKET - DRY GROUNDS (493)	1
25	1576008	PCB ASSEMBLY - SNACK INTERFACE	1
-	1571034	STANDOFF (ATTACHING PART FOR INDEX # 25)	1
-	1471199	SCREW (ATTACHING PART FOR INDEX # 25)	1
26	1571112	COVER - CONTROLLER INTERFACE PCB	1
-	3157060	SCREW (ATTACHING PARTS FOR INDEX # 26)	2
-	1451097	SCREW (ATTACHING PART FOR INDEX # 26)	1
-	4732024	CABLE CLAMP - 1/2"	1
27	1596002	MAIN CONTROLLER PCB - WITH EPROM	1
-	1571034	STANDOFF (ATTACHING PART FOR INDEX # 27)	1
-	1471199	SCREW (ATTACHING PART FOR INDEX # 27)	1
28	4751050	BRACKET - PRESSURE GAUGE	1
-	3157060	SCREW (ATTACHING PART FOR INDEX # 28)	1
29	1571074	LOCK ARM - CABINET	2
-	1141043	SCREW (ATTACHING PARTS FOR INDEX # 29)	4
30	1571096	TRAY GUIDE RAIL ASSEMBLY - L.H.	OPT.
-	1571095	TRAY GUIDE RAIL ASSEMBLY R.H. (NOT SHOWN)	
-	1451097	SCREW (ATTACHING PART FOR INDEX # 30)	1 EA
31	4851059	WELD ASSEMBLY - TOP FILLER	1
-	1451097	SCREW (ATTACHING PARTS FOR INDEX # 31)	4
-	4851075	COVER & SEAL ASSY-COMPRESSOR (NOT SHOWN)	1
-	4853000	CUP DISPENSER ASSEMBLY (NOT SHOWN)	1
-	6108065	GAUGE - COMPRESSOR (NOT SHOWN)	1

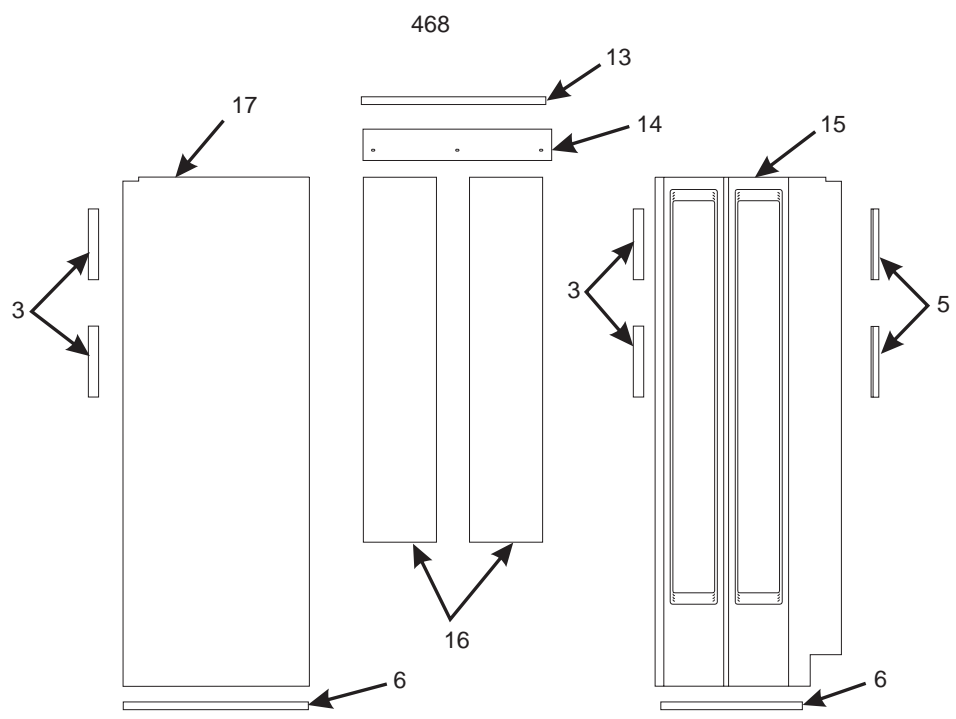
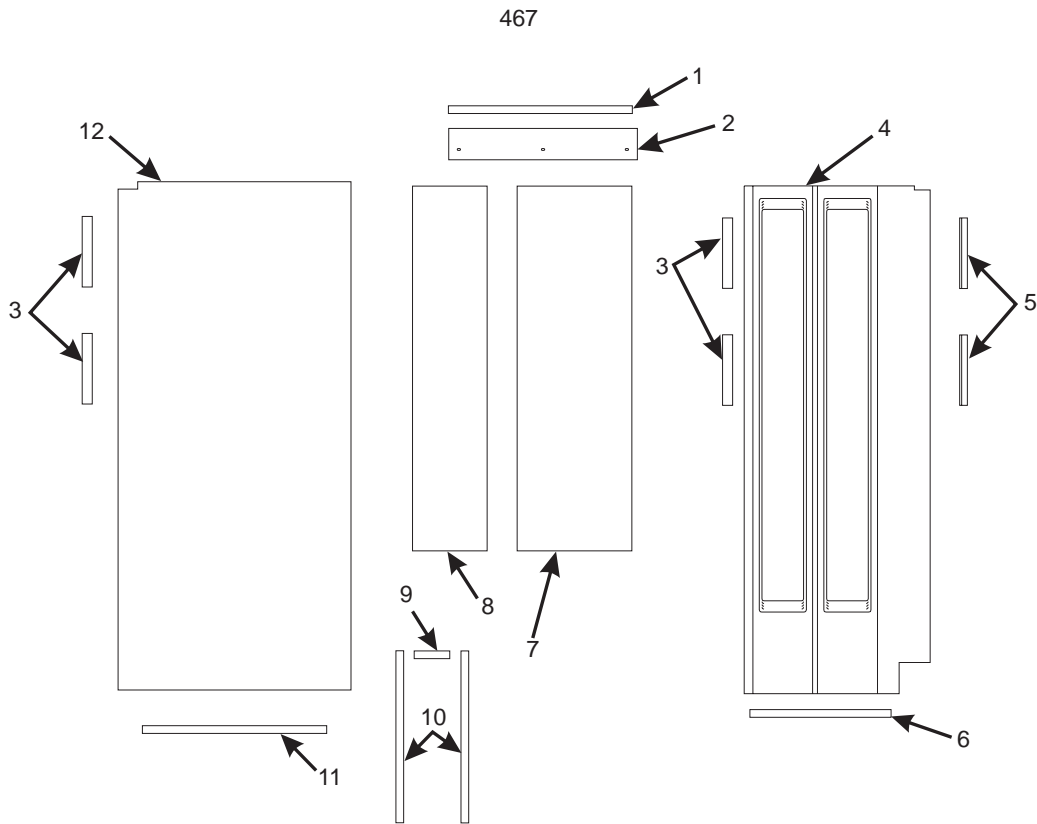


Figure 3. Cabinet Insulation



TABLE 3. CABINET INSULATION

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4641008	INSULATION - CABINET TOP	1
2	4611013	RETAINER - TOP INSULATION	1
3	4981001	ANGLE - INSULATION - REAR	4
4	4641006	INSULATION - DUCT - RIGHT HAND SIDE - FULL	1
5	4641009	"W" BRACKET - INSULATION MOUNTING	2
6	4774204	SEAL - 4614027 - 18"LG	1
7	4611044	INSULATION - CABINET BACK - RIGHT HAND	1
8	4611043	INSULATION - CABINET BACK - LEFT HAND	1
9	4614027	SEAL - 4.5" LONG	1
10	4614027	SEAL - 22" LONG	2
11	4614027	SEAL - 23.5" LONG	1
12	4641005	INSULATION - LEFT HAND SIDE - FULL	1
13	4651014	INSULATION - BLACK - CABINET TOP	1
14	4621003	RETAINER - TOP INSULATION	1
15	4641017	INSULATION - BLACK - CABINET BACK	1
16	4641021	INSULATION - BLACK - DUCT - RIGHT HAND SIDE - FULL (468)	1
17	4641018	INSULATION - BLACK - LEFT HAND SIDE - FULL (468)	1

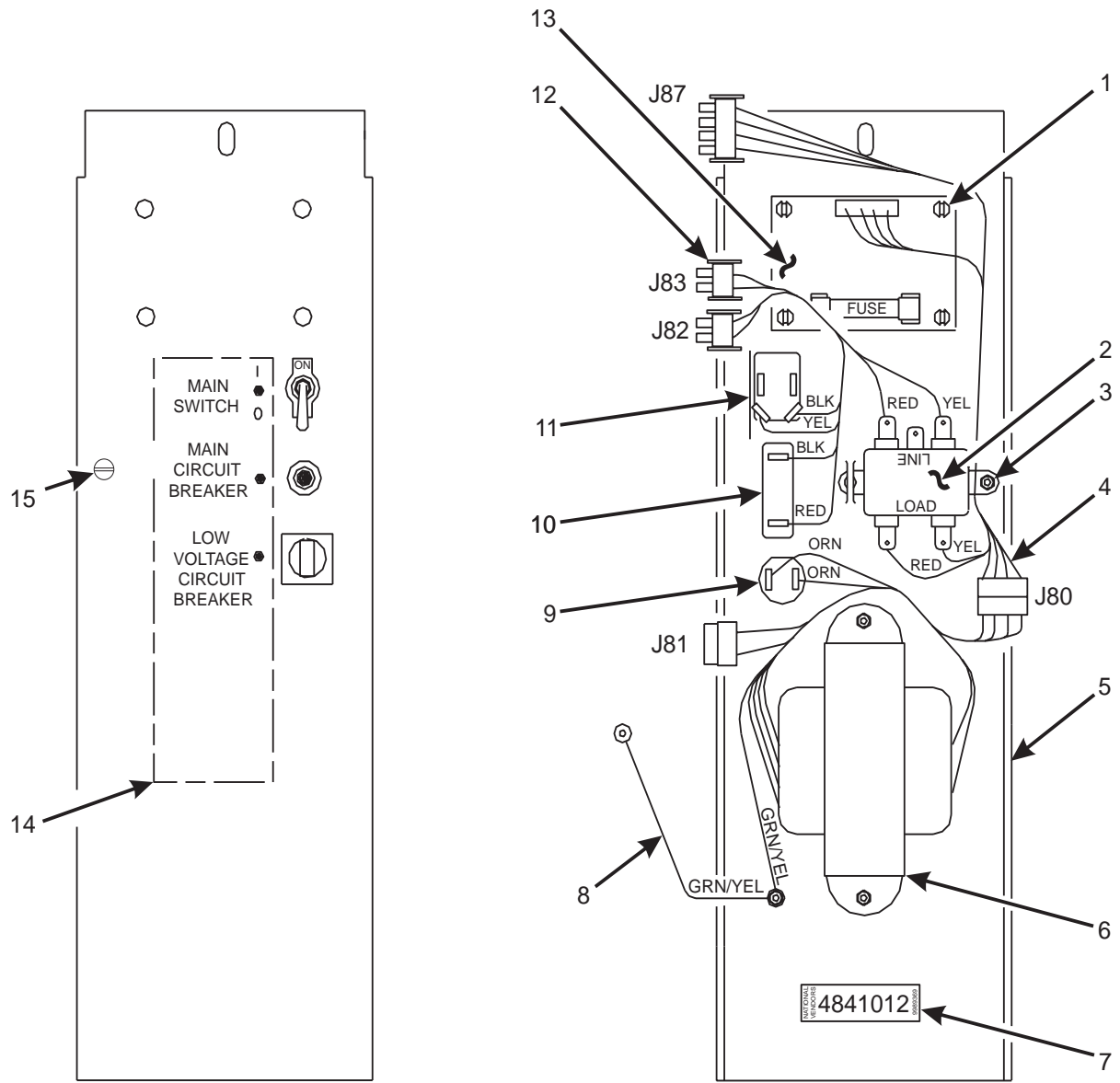


Figure 4. Power Panel Assembly - Models 467, 468, 490



TABLE 4. POWER PANEL ASSEMBLY - MODELS 467, 468, 490

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4841012	POWER PANEL ASSY - DOMESTIC	REF
1	1571035	STANDOFF - PCB-3/8 SNAP LOCK	4
2	9989100	INTERFERENCE FILTER	1
3	9900081	NUT #8-32 KEPS ZINC PLATE	-
4	1579017	HARNESS - COIN HANDLING - POWER	1
5	1571040	PLATE & STUD ASSY-POWER-DOM.	1
6	9989042	TRANSFORMER - 115V/230V PRIMARY, 24V SECONDARY	1
7	9989369	LABEL - N.V. BLANK	1
8	9984165	JUMPER - GROUND WIRE	1
9	9989336	CIRCUIT BREAKER - 3 AMP	1
10	9989672	CIRCUIT BREAKER - 15 AMP	1
11	9984624	SWITCH - SPDT - TOGGLE - 20 AMP	1
12	1579013	HARNESS - POWER PANEL - DOMESTIC	1
13	9989659	PCB ASSEMBLY - DUMB MECH POWER SUPPLY	1
14	1571064	LABEL - POWER CONTROL PANEL - USA	1
15	1211110	8-32 X 1/4 RHS MACHINE SCREW ZP	1

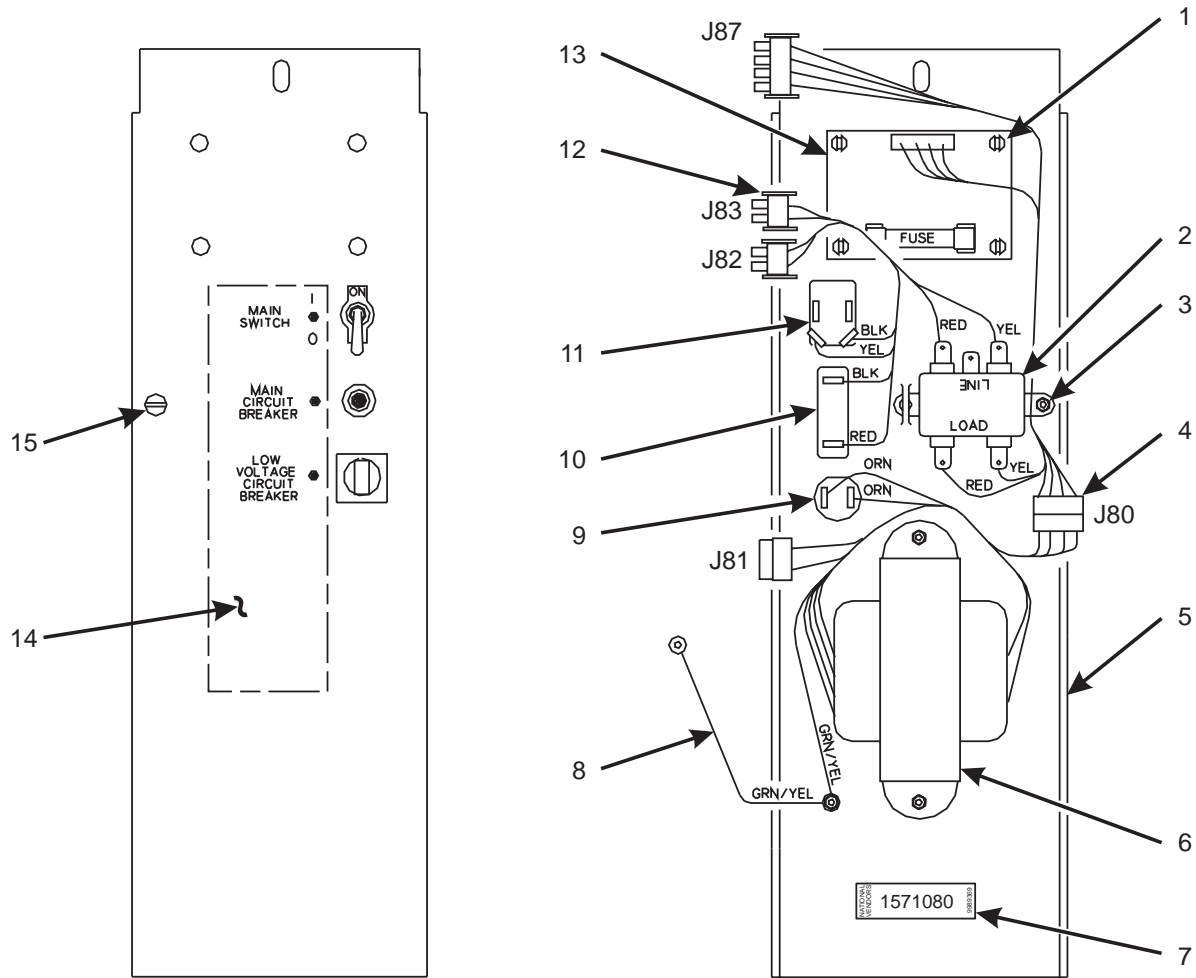


Figure 5. Power Panel Assembly - Models 159, 160



TABLE 5. POWER PANEL ASSEMBLY - MODELS 159, 160

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	1571080	POWER PANEL ASSEMBLY - DOMESTIC	REF.
1	1571035	STANDOFF - PCB - 3/8 SNAP LOCK	4
2	9989100	INTERFERENCE FILTER	1
3	9900081	NUT #8-32 KEPS ZINC PLATE	-
4	1579017	HARNESS - COIN HANDLING - POWER	1
5	1571040	PLATE & STUD ASSEMBLY - POWER - DOMESTIC	1
6	9989042	TRANSFORMER - 115V/230V PRIMARY, 24V SECONDARY	1
7	9989369	LABEL - N.V.BLANK	1
8	9984165	JUMPER - GROUND WIRE	1
9	9989336	CIRCUIT BREAKER - 3 AMP	1
10	9989672	CIRCUIT BREAKER - 15A	1
11	9984628	SWITCH - TOGGLE - DPST	1
12	1579013	HARNESS - POWER PANEL - DOMESTIC	1
13	9989659	PCB ASSEMBLY - DUMB MECH - POWER SUPPLY	1
14	1211110	8-32X1/4 RHS MACHINE SCREW ZP	1
15	1571064	LABEL-POWER CONTROL PANEL-USA	1

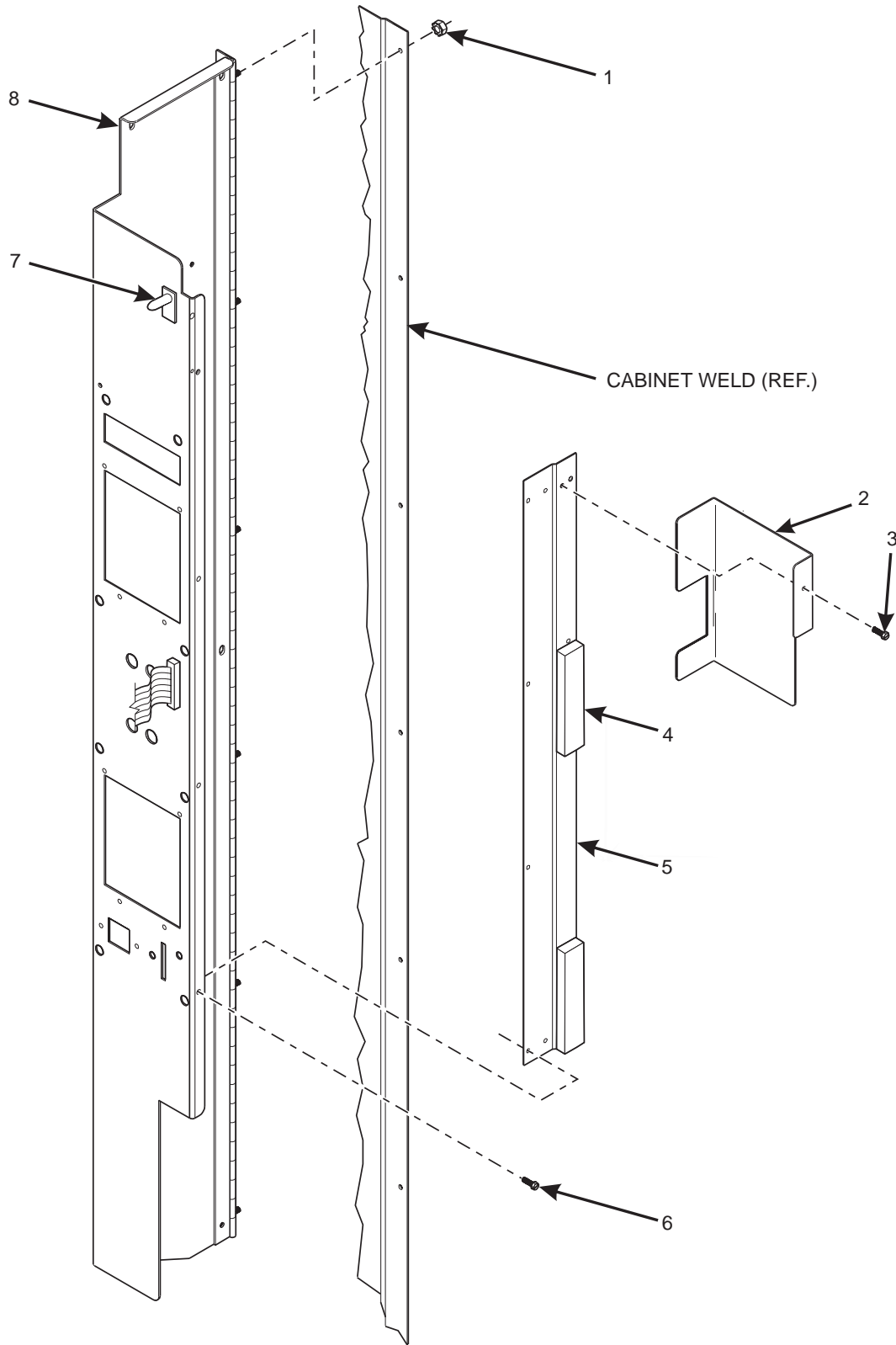


Figure 6. Monetary Panel Assembly (Part 1 of 4)



TABLE 6. MONETARY PANEL ASSEMBLY (PART 1 OF 4)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	9900081	NUT	6
2	1575029	COVER - DISPLAY	1
3	1451097	SCREW	1
4	3122056	MAGNET RETAINER - COIN CHANGER	2
5	1575007	PLATE - MAGNET MOUNTING	1
6	5500026	SCREW	4
7	1401110	SWITCH 1DM3	1
8	1575031	WELD ASSEMBLY - PANEL - MONETARY	1

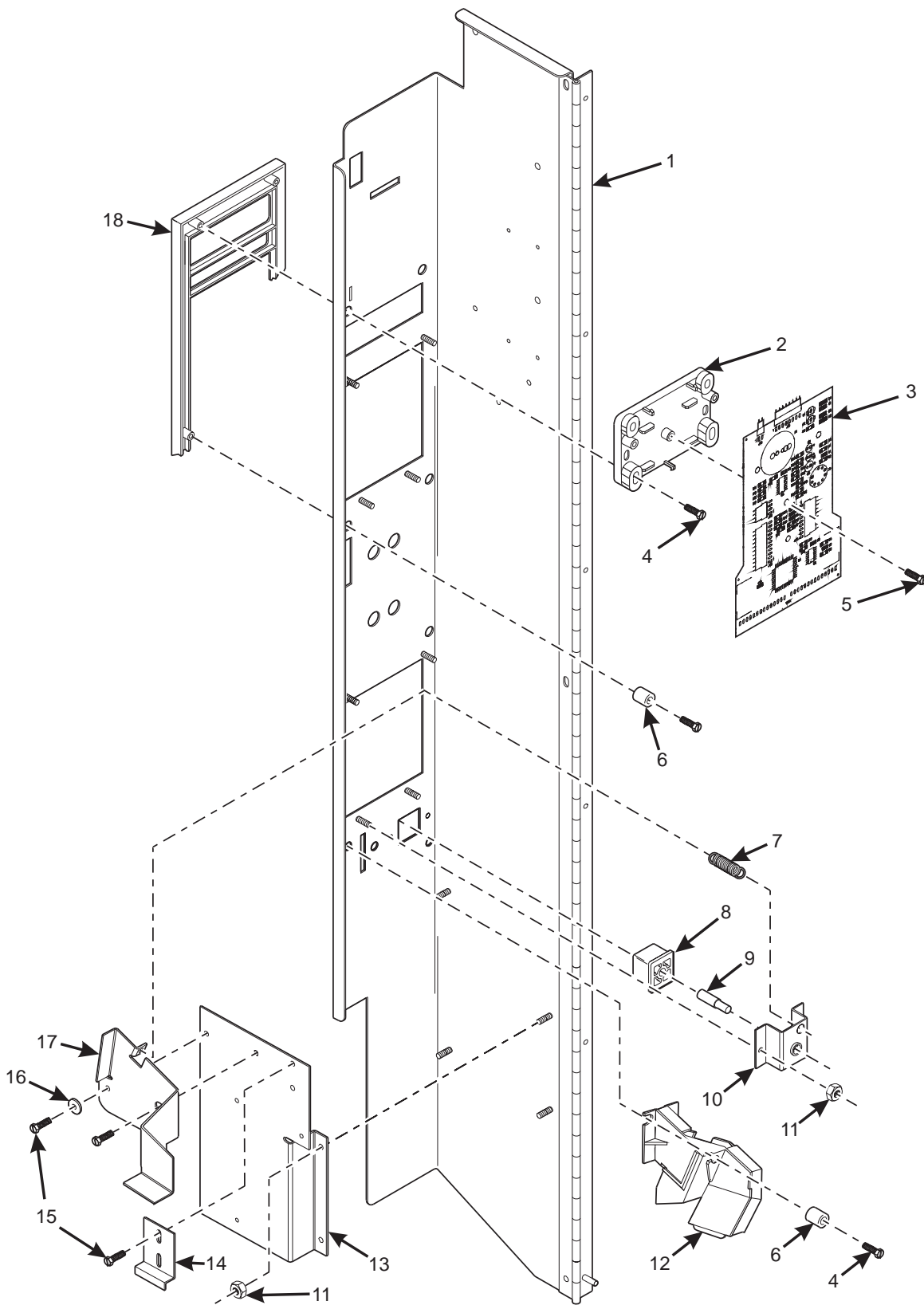


Figure 6. Monetary Panel Assembly (Part 2 of 4)



TABLE 6. MONETARY PANEL ASSEMBLY (PART 2 OF 4)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1575031	WELD ASSEMBLY - PANEL - MONETARY	REF
2	1475099	BRACKET - PCB - DISPLAY	1
3	9989685	PCB ASSEMBLY - DISPLAY	1
4	1437204	SCREW	16
5	2226380	SCREW	1
6	2302053	CUP SPACER	8
7	1127808	SPRING SHELF RESET	1
8	1475026	BUTTON - COIN RETURN	1
9	1475072	SHAFT - RETURN BUTTON	1
10	1571079	BRACKET - COIN RETURN BUTTON	1
11	9900081	NUT	6
12	1575003	COIN CHUTE ASSEMBLY	1
13	1571078	BRACKET - COIN MECH	1
14	6231037	CLAMP - CABLE	1
15	9900016	SCREW	3
16	2204093	WASHER SCAVENGER BAR	1
17	1571113	ARM - SCAVENGER	1
18	1595010	FACEPLATE ASSY-GLASCO (SEE PART 3 FOR DETAILS)	REF

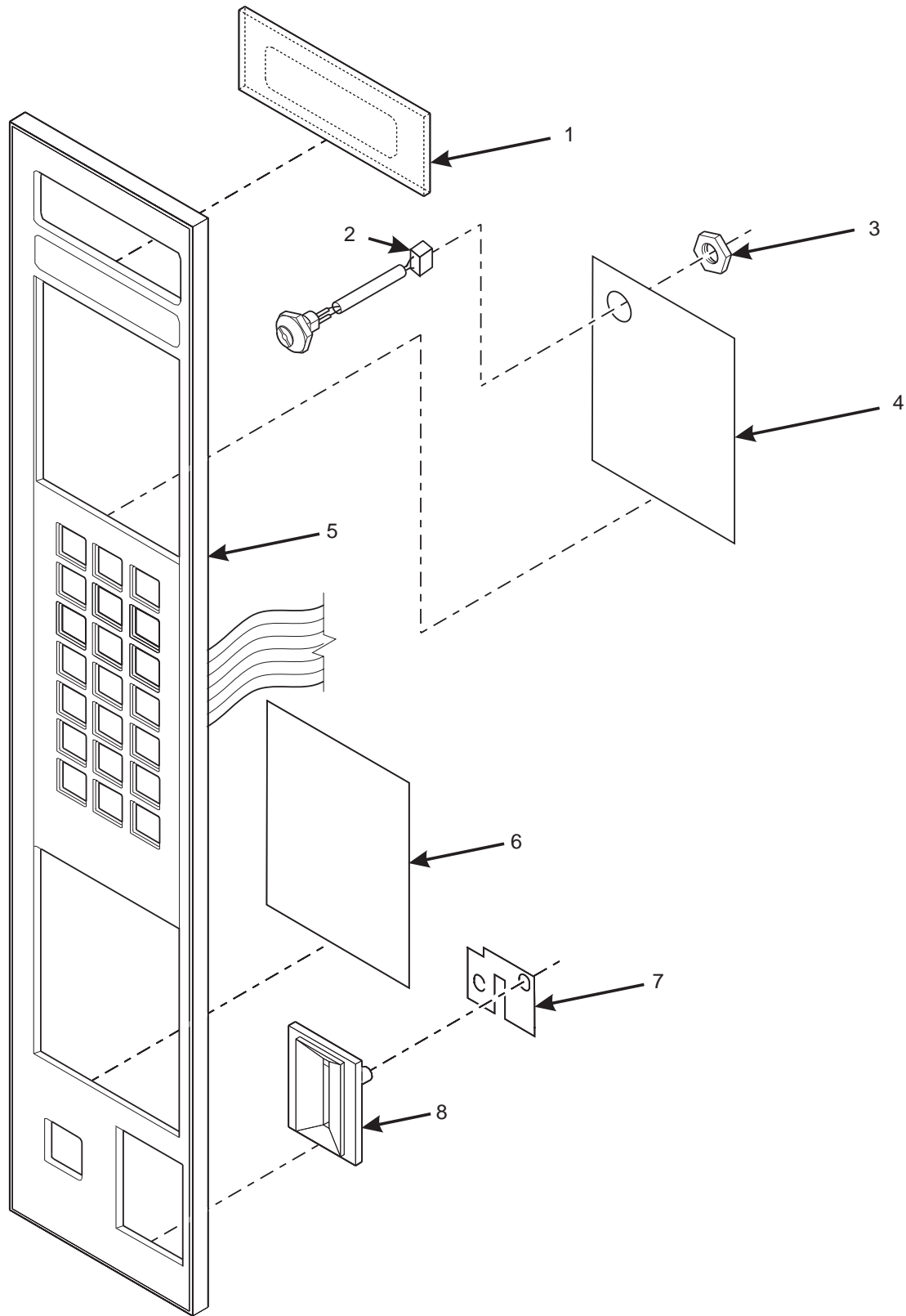


Figure 6. Monetary Panel Assembly (Part 3 of 4)



TABLE 6. MONETARY PANEL ASSEMBLY (PART 3 OF 4)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1572013	LENS-DISPLAY	1
2	9989639	SWITCH ASSEMBLY - FREE VEND (FREE VEND OPTION ONLY)	OPT
3	-	NUT (PART OF ITEM # 2)	1
4	-	UPPER MONETARY INSERT POSITION (SEE TABLE 8 FOR PART NUMBERS AND APPLICATIONS)	-
5	1595010	FACE PLATE ASSEMBLY - GLASCO	1
6	-	LOWER MONETARY INSERT POSITION (SEE TABLE 8 FOR PART NUMBERS AND APPLICATIONS)	-
7	1472222	COIN BLOCK	1
8	1472223	COIN INSERT	1

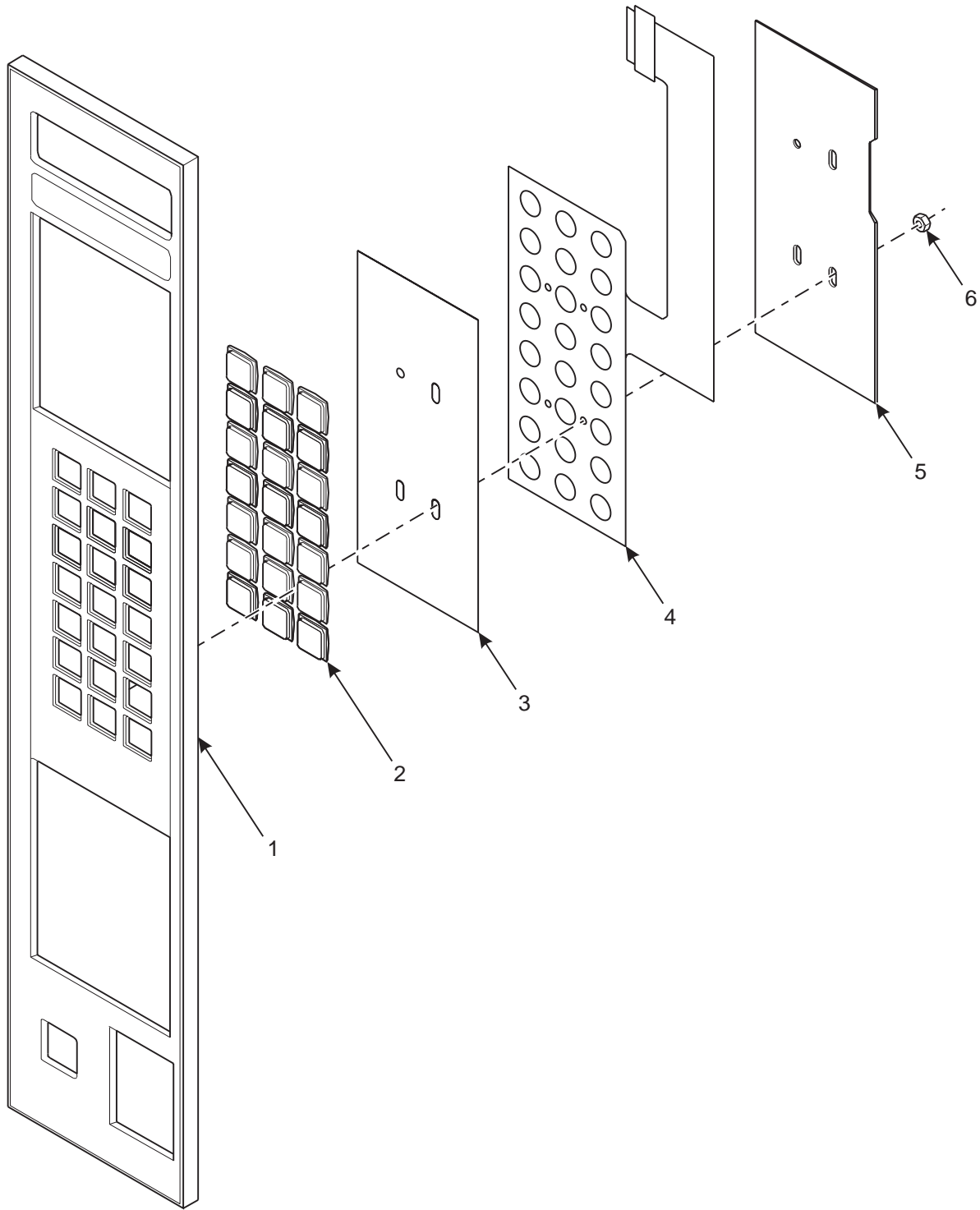


Figure 6. Monetary Panel Assembly (Part 4 of 4)



TABLE 6. MONETARY PANEL ASSEMBLY (PART 4 OF 4)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1595001	SELECTION PANEL-MONETARY	1
2	1472251	LENS-PUSH BUTTON	21
3	1595002	LETTER SHEET-SELECT SWITCH - GLASCO	1
4	9984625	MEMBRANE SWITCH ASSY-SELECT	1
5	1575009	PLATE-SELECT SWITCH-BACK UP	1
6	1475089	NUT	4

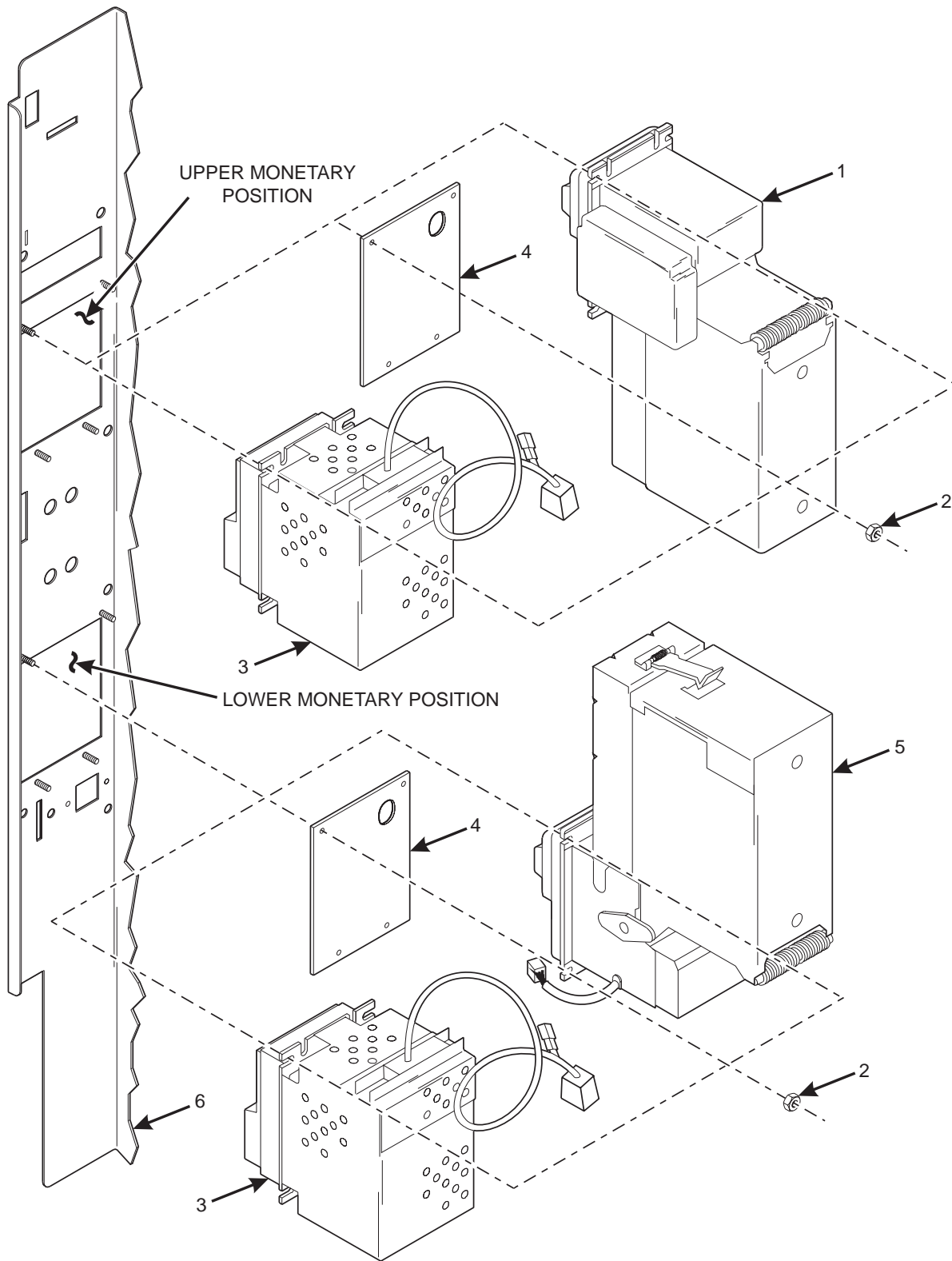


Figure 7. Card Reader and Bill Validator Combinations



TABLE 7. CARD READER AND BILL VALIDATOR COMBINATIONS

INDEX	DESCRIPTION
1	DOWNSTACK BILL VALIDATOR
2	NUT
3	DEBIT CARD READER
4	INSTRUCTION INSERT BACKING PLATE
5	UPSTACK BILL VALIDATOR
6	MONETARY PANEL WELD ASSEMBLY (REF.)



TABLE 8-A. MONETARY LOCATION OPTIONS

MONETARY CAPABILITY	MONETARY PANEL LOCATION		WITH COIN?
	UPPER	LOWER	
COIN - VAL - CARD	CARD READER	UPSTACK VALIDATOR	YES
COIN - VAL - CARD	DOWNSTACK VALIDATOR	CARD READER	YES
COIN - VAL	INSERT INSTRUCTIONS BACK-UP PLATE (1575011)	UPSTACK VALIDATOR	YES
COIN - VAL	DOWNSTACK VALIDATOR	INSERT INSTRUCTIONS BACK-UP PLATE (1575011)	YES
COIN - CARD	INSERT INSTRUCTIONS BACK-UP PLATE (1575011)	CARD READER	YES
COIN - CARD	CARD READER	INSERT INSTRUCTIONS BACK-UP PLATE (1575011)	YES
VAL - CARD	DOWNSTACK VALIDATOR	CARD READER	NO
VAL - CARD	CARD READER	DOWNSTACK VALIDATOR	NO
COIN ONLY	INSERT INSTRUCTIONS BACK-UP PLATE (1575011)	INSERT INSTRUCTIONS BACK-UP PLATE (1575011)	YES
VAL ONLY	INSERT INSTRUCTIONS BACK-UP PLATE (1575011)	UPSTACK VALIDATOR	NO
VAL ONLY	DOWNSTACK VALIDATOR	INSERT INSTRUCTIONS BACK-UP PLATE (1575011)	NO
CARD ONLY	CARD READER	INSERT INSTRUCTIONS BACK-UP PLATE (1575011)	NO
CARD ONLY	INSERT INSTRUCTIONS BACK-UP PLATE (1575011)	CARD READER	NO

NOTES

ALL ITEMS ARE SECURED WITH FOUR NUTS (P/N 9900081).
SHADED ITEMS REPRESENT ALTERNATE CONFIGURATIONS.



TABLE 8-B. BILL VALIDATOR OPTIONS

PART NUMBER	DESCRIPTION	HARNESS PART NUMBER
3152444	MARS - VFM1 - S1 - U4C - CNSMT	1579005
3152391	MARS - VFM3 - S1 - U4C - CNSMT	1579028
1475053	MAKA MASK K (NB-1KB-400)	1579006
5900182	COINCO - BA30SA	1579028
5900183	MARS - S2000 - VN25	1579026
5900198	MARS S2000 - COMP/500	1579005

TABLE 8-C. COIN MECHANISM O PTIONS

PART NUMBER	DESCRIPTION
5900116	MARS TRC6000
5307321	COINTRON 3000
5900096	COINCO 9340L
5900097	COINCO 9340L - BRC
5900112	MARS MC5000
6400002	MARS # TRC6010XV - 24V W/15 PIN PLUG
6400003	COINCO # 9302LF - 24V W/15 PIN PLUG
5900094	COINCO 9300L
5900192	CONLUX VSLX00401F

TABLE 8-D. CARD READERS

PART NUMBER	DESCRIPTION
1475107	DEBITEK # VIS-MM-NAT SYSTEM III
1575050	BRACKET - DEBITEK CONTROLLER

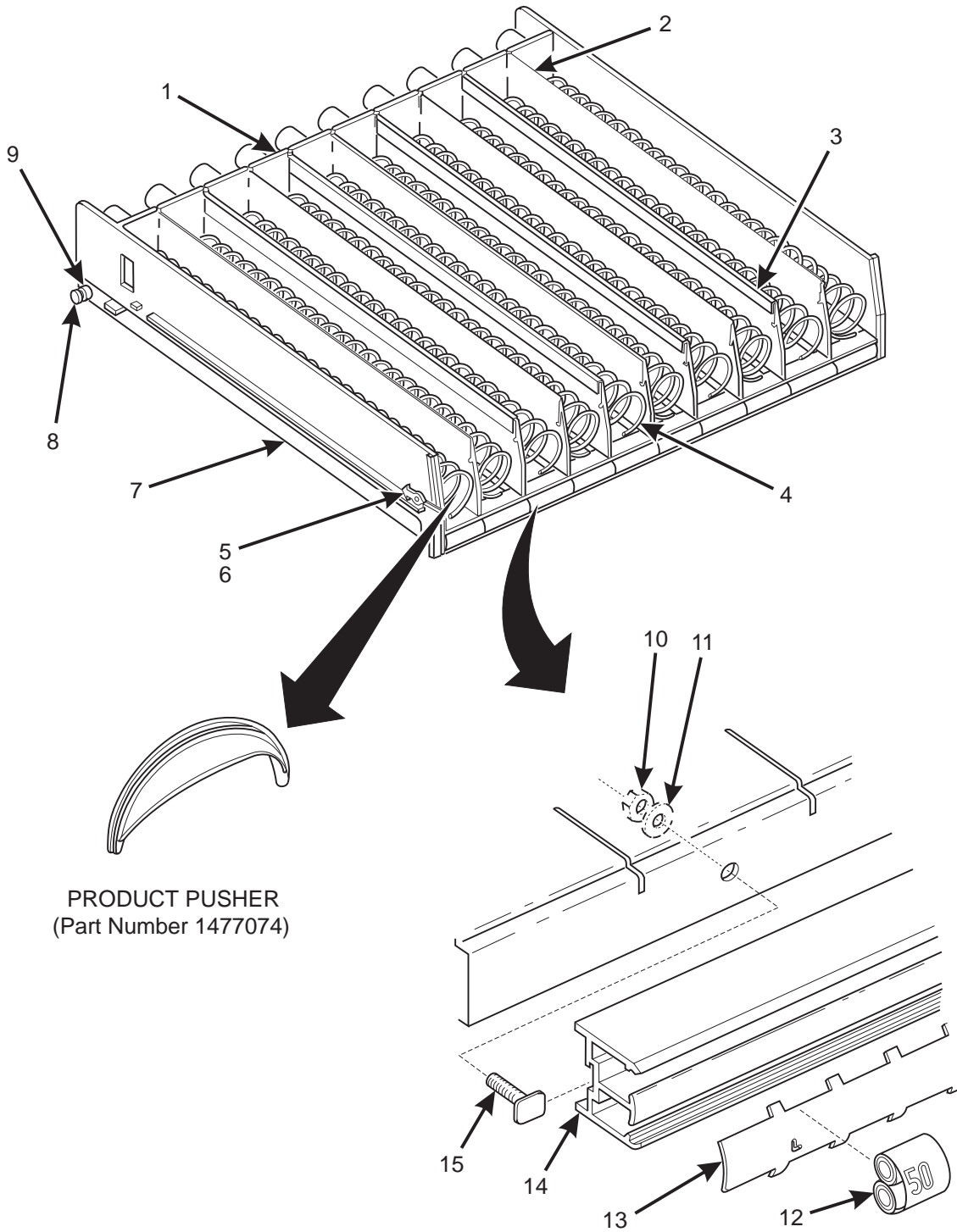


Figure 9. Candy Tray Assembly (Part 1 of 2)



TABLE 9. CANDY TRAY ASSEMBLY (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1477068	TRAY ASSEMBLY - 10 CANDY (159, 467) (SHOWN)	1
	1487005	TRAY ASSEMBLY - 8 CANDY (160, 468, 490, 493) (NOT SHOWN)	1
2	1477175	WALL - TRAY (159, 467)	9
		WALL - TRAY (160, 468, 490, 493)	7
3	1477141	SPACER - ADJUSTABLE (159, 467)	4
		SPACER - ADJUSTABLE (160, 468, 490, 493)	3
4	-	SPIRAL (OPTIONAL - SEE TABLE 13A.)	-
5	1477017	LATCH	2
6	5201267	PUSH ON RETAINER - .312	2
7	1477001	TRAY - 5 & 10 DIVISION (159, 467)	1
	1487001	TRAY - 4 & 8 DIVISION (159, 467)	1
8	1477097	AXLE - TRAY ROLLER	2
9	1477148	ROLLER - TRAY	2
10	9900030	NUT #8-32 SELF-LOCKING (159, 467)	3
		NUT #8-32 SELF-LOCKING (160, 468, 490, 493)	2
11	5560113	WASHER - HOPPER RELEASE (159, 467)	3
		WASHER - HOPPER RELEASE (160, 468, 490, 493)	2
12	1477014	ROLL - PRICE - CENTS (159, 467)	10
		ROLL - PRICE - CENTS (160, 468, 490, 493)	8
13	1477157	HOLDER - PRICE & SELECTION (159, 467)	1
	1487016	HOLDER - PRICE & SELECTION (160, 468, 490, 493)	1
14	1477134	RAIL - PRICE & SELECTION (159, 467)	1
	1487009	RAIL - PRICE & SELECTION (160, 468, 490, 493)	1
15	2222031	TEE BOLT - TRIM (159, 467)	3
		TEE BOLT - TRIM (160, 468, 490, 493)	2

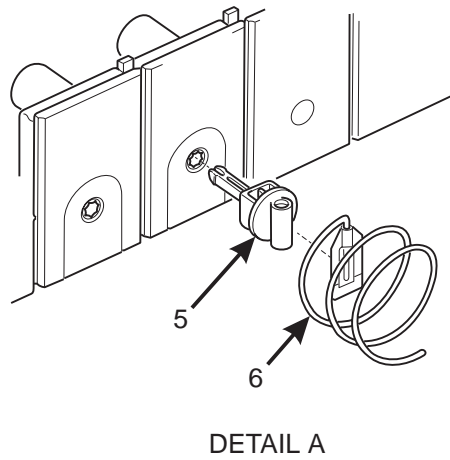
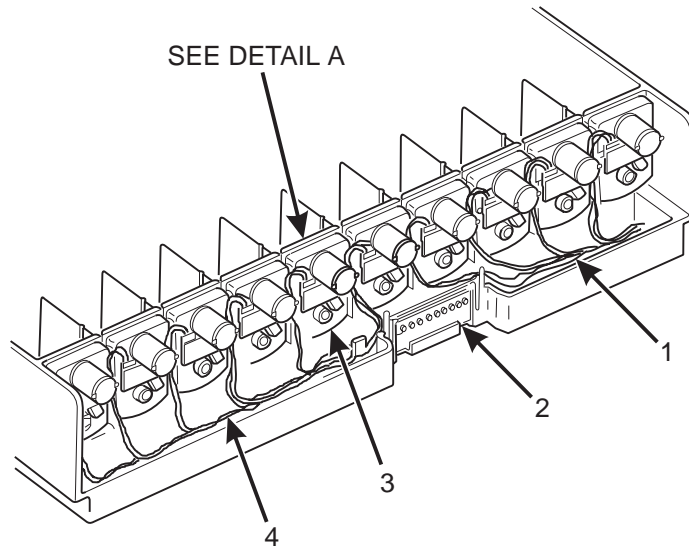


Figure 9. Candy Tray Assembly (Part 2 of 2)



TABLE 9. CANDY TRAY ASSEMBLY (PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1477094	HARNESS - 4 MOTOR (159, 467)	1
		HARNESS - 4 MOTOR (160, 468, 490, 493)	2
2	1477085	PCB ASSEMBLY - TRAY	1
3	1477112	MOTOR & PCB ASSEMBLY (159, 467)	10
		MOTOR & PCB ASSEMBLY (160, 468, 490, 493)	8
4	1477005	HARNESS - 6 MOTOR (159, 467)	1
5	1477113	COUPLING - SPIRAL (159, 467)	10
		COUPLING - SPIRAL (160, 468, 490, 493)	8
6	-	SPIRALS (SEE TABLE 11A.)	-

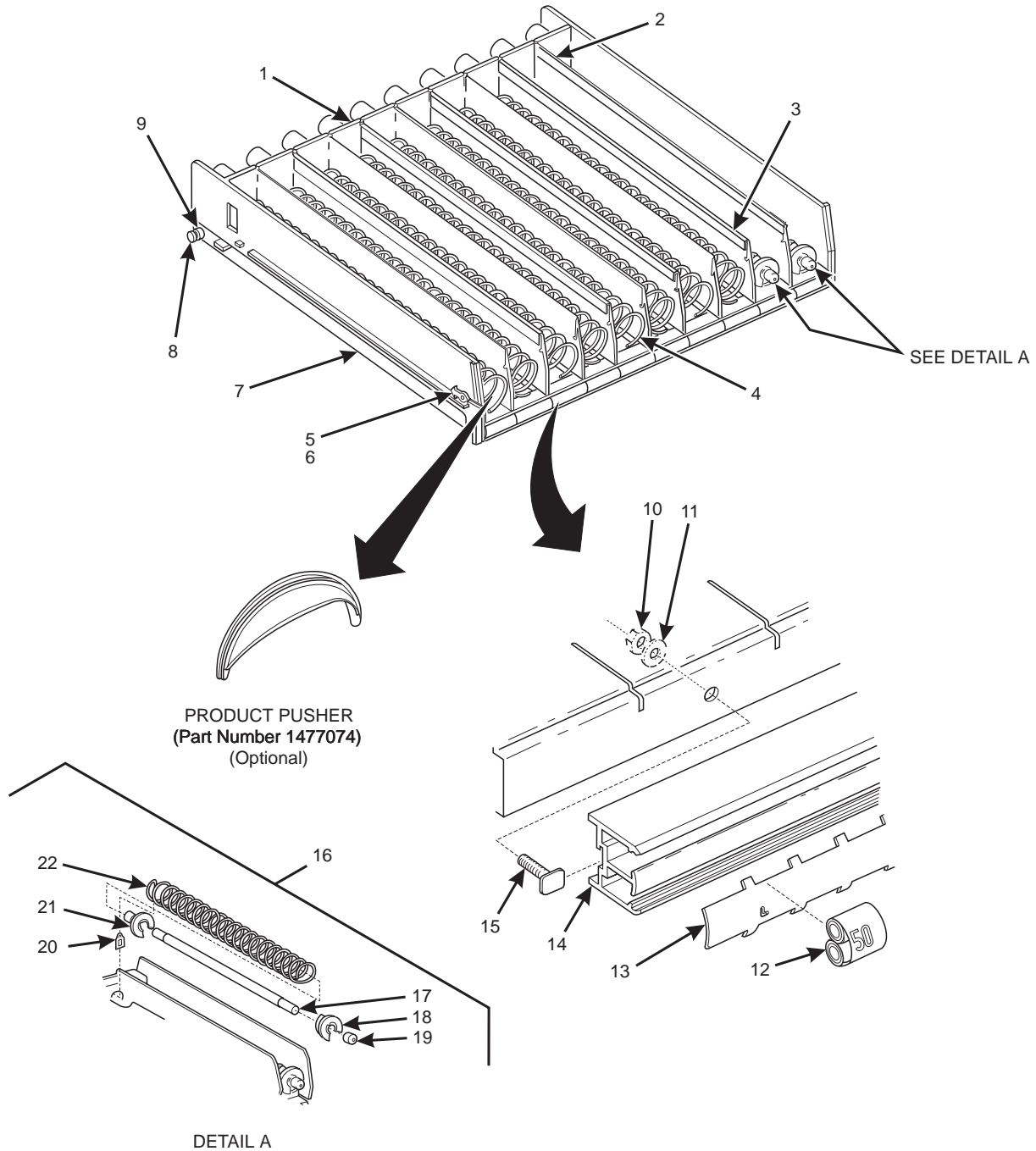


Figure 10. Gum and Mint Tray Assembly (Part 1 of 2)



TABLE 10. GUM AND MINT TRAY ASSEMBLY (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1477091	TRAY ASSEMBLY - 8 CANDY - 2 GUM (159, 467) (SHOWN)	1
	1487008	TRAY ASSEMBLY - 6 CANDY - 2 GUM (160, 486, 490, 493) (NOT SHOWN)	1
2	1477175	WALL - TRAY (159, 467)	9
		WALL - TRAY (160, 486, 490, 493)	7
3	1477141	SPACER - ADJUSTABLE (159, 467)	4
		SPACER - ADJUSTABLE (160, 486, 490, 493)	3
4	-	SPIRAL (OPTIONAL - SEE TABLE 11A.)	-
5	1477017	LATCH	2
6	5201267	PUSH ON RETAINER - .312	2
7	1477001	TRAY - 5 & 10 DIVISION (159, 467)	1
	1487001	TRAY - 4 & 8 DIVISION (160, 486, 490, 493)	1
8	1477097	AXLE - TRAY ROLLER	2
9	1477148	ROLLER - TRAY	2
10	9900030	NUT #8-32 SELF-LOCKING (159, 467)	3
		NUT #8-32 SELF-LOCKING (160, 486, 490, 493)	2
11	5560113	WASHER - HOPPER RELEASE (159, 467)	3
		WASHER - HOPPER RELEASE (160, 486, 490, 493)	2
12	1477014	ROLL - PRICE - CENTS (159, 467)	10
		ROLL - PRICE - CENTS (160, 486, 490, 493)	8
13	1477157	HOLDER - PRICE & SELECTION (159, 467)	1
	1487016	HOLDER - PRICE & SELECTION (160, 486, 490, 493)	
14	1477134	RAIL - PRICE & SELECTION (159, 467)	1
	1487009	RAIL - PRICE & SELECTION (160, 486, 490, 493)	
15	2222031	TEE BOLT - TRIM (159, 467)	3
		TEE BOLT - TRIM (160, 486, 490, 493)	2
16	1467127	SPIRAL ASSEMBLY - DUAL GUM & MINT (INCLUDES INDEX NUMBERS 17 - 22)	2
17	1467131	SPIRAL INSERT ASSEMBLY	1
18	1467129	DISC - SPIRAL INSERT	1
19	1467136	CAP - SPIRAL INSERT	2
20	1467130	DISC - SPIRAL INSERT	1
21	1467137	RETAINER - SPIRAL - ORANGE	1
22	1467128	SPIRAL - 2.65 DIAMETER - DUAL GUM & MINT	1

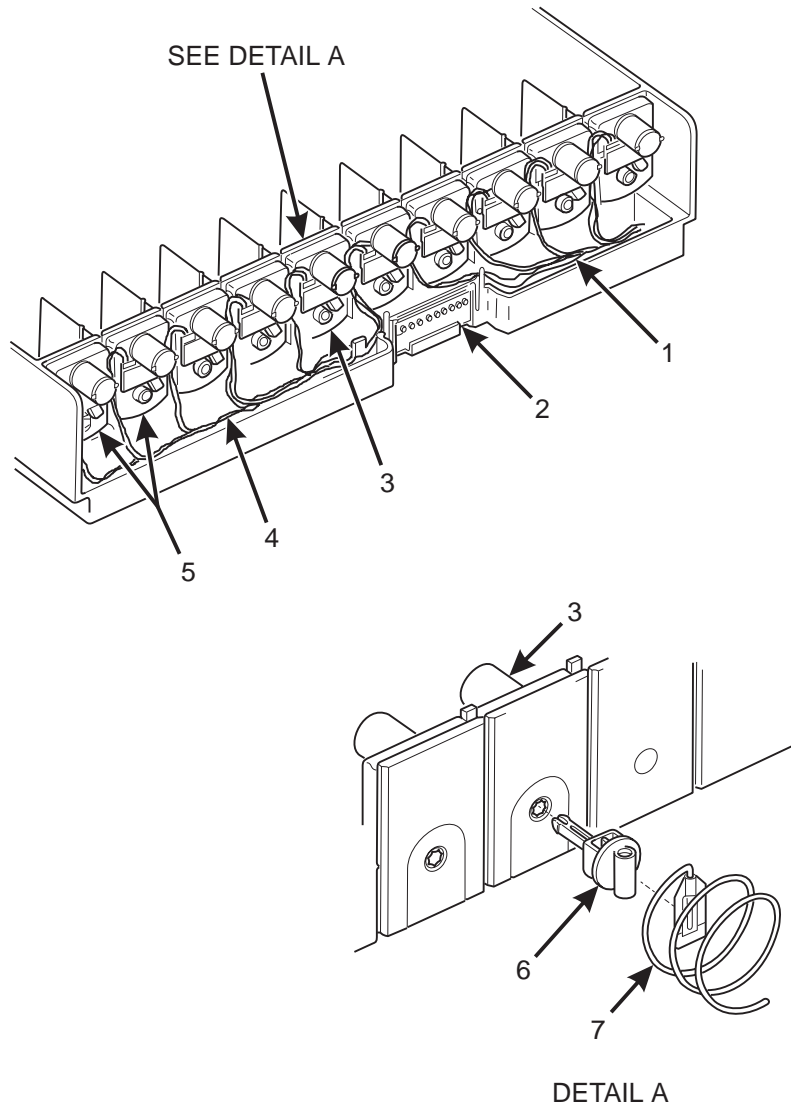


Figure 10. Gum and Mint Tray Assembly (Part 2 of 2)



TABLE 10. GUM AND MINT TRAY ASSEMBLY (PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1477094	HARNESS - 4 MOTOR (159, 467)	1
		HARNESS - 4 MOTOR (160, 486, 490, 493)	2
2	1477085	PCB ASSEMBLY - TRAY	1
3	1477112	MOTOR & PCB ASSEMBLY (159, 467)	8
		MOTOR & PCB ASSEMBLY (160, 486, 490, 493)	6
4	1477005	HARNESS - 6 MOTOR (160, 486, 490, 493)	1
5	1477114	MOTOR & PCB ASSEMBLY	2
6	1477113	COUPLING - SPIRAL (159, 467)	10
		COUPLING - SPIRAL (160, 486, 490, 493)	8
7	-	SPIRALS (SEE TABLE 11A.)	-

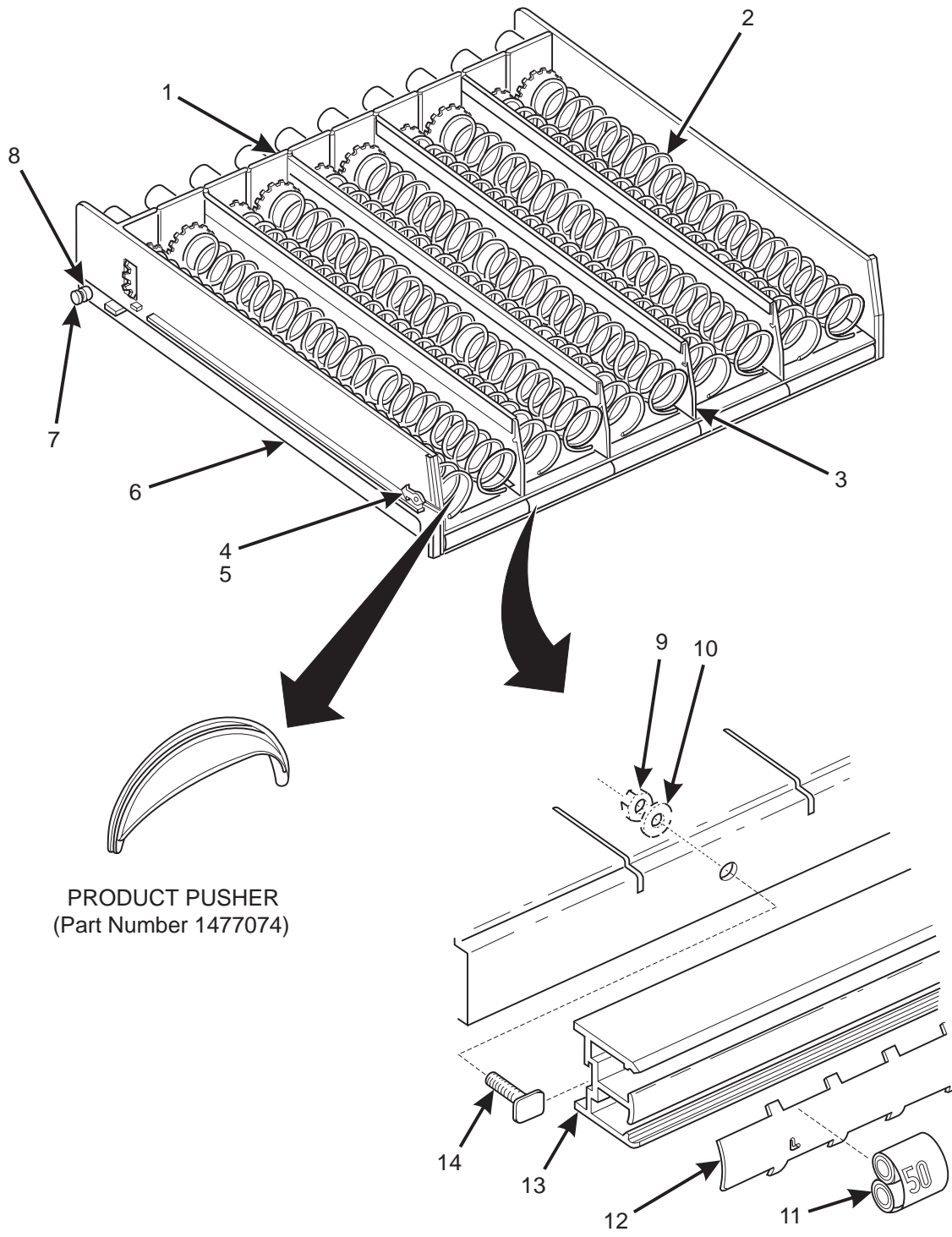


Figure 11. Snack Tray Assembly (Part 1 of 2)



TABLE 11. SNACK TRAY ASSEMBLY (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1477067	TRAY ASSEMBLY - 5 SNACK (159, 467) (SHOWN)	1
	1487004	TRAY ASSEMBLY - 4 SNACK (160, 468, 490, 493) (NOT SHOWN)	
2	-	SPIRAL (OPTIONAL - SEE TABLE 11A.)	-
3	1477175	WALL - TRAY (159, 467)	9
		WALL - TRAY (160, 468, 490, 493)	7
4	1477017	LATCH	2
5	5201267	PUSH ON RETAINER - .312	2
6	1477001	TRAY - 5 & 10 DIVISION (159, 467)	1
	1487001	TRAY - 4 & 8 DIVISION (160, 468, 490, 493)	
7	1477097	AXLE - TRAY ROLLER	2
8	1477148	ROLLER - TRAY	2
9	9900030	NUT #8-32 SELF-LOCKING (159, 467)	3
		NUT #8-32 SELF-LOCKING (160, 468, 490, 493)	2
10	5560113	WASHER - HOPPER RELEASE (159, 467)	3
		WASHER - HOPPER RELEASE (160, 468, 490, 493)	2
11	1477014	ROLL - PRICE - CENTS (159, 467)	5
		ROLL - PRICE - CENTS (160, 468, 490, 493)	4
12	1477157	HOLDER - PRICE & SELECTION (159, 467)	1
	1487016	HOLDER - PRICE & SELECTION (160, 468, 490, 493)	
13	1477134	RAIL - PRICE & SELECTION (159, 467)	1
	1487009	RAIL - PRICE & SELECTION (160, 468, 490, 493)	
14	2222031	TEE BOLT - TRIM (159, 467)	3
		TEE BOLT - TRIM (160, 468, 490, 493)	2

TABLE 11. SNACK TRAY ASSEMBLY (PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1477112	MOTOR & PCB ASSEMBLY (159, 467)	5
		MOTOR & PCB ASSEMBLY (160, 468, 490, 493)	4
2	1477002	HARNESS - 2 MOTOR (159, 467)	1
		HARNESS - 2 MOTOR (160, 468, 490, 493)	2
3	1477085	PCB ASSEMBLY - TRAY	1
4	1477003	HARNESS - 3 MOTOR (160, 468, 490, 493)	1
5	1477022	BEARING - COUPLER (159, 467)	5
		BEARING - COUPLER (160, 468, 490, 493)	4
6	1477113	COUPLING - SPIRAL (159, 467)	10
		COUPLING - SPIRAL (160, 468, 490, 493)	8
7	-	SPIRALS (SEE TABLE 11A.)	-
8	1477020	GEAR - TRAY (159, 467)	10
		GEAR - TRAY (160, 468, 490, 493)	8

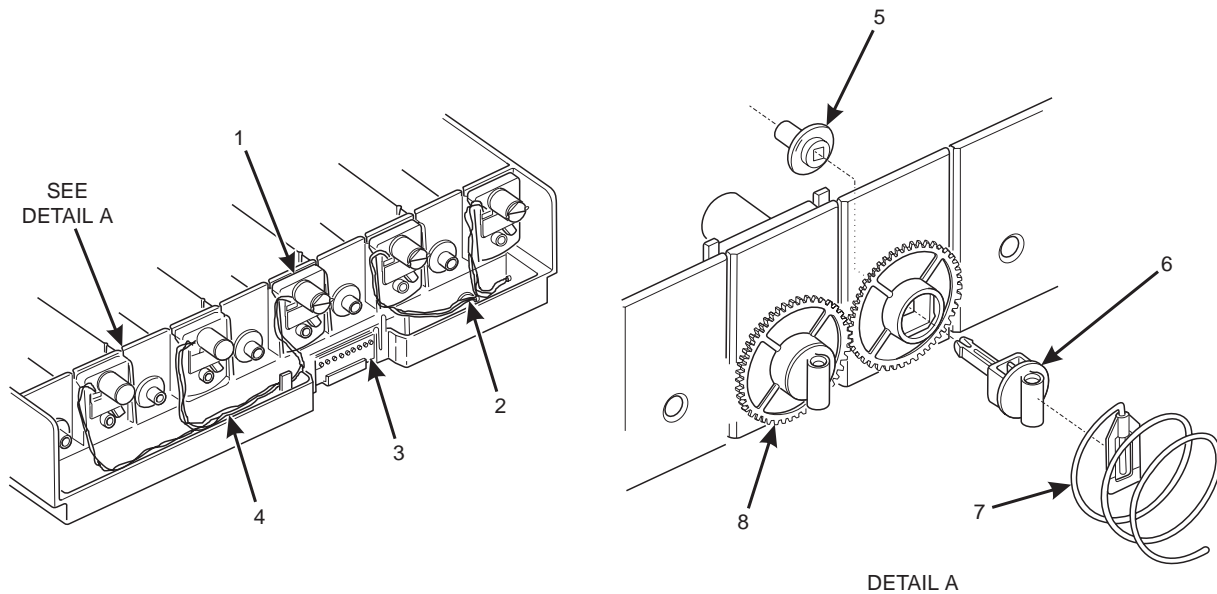


Figure 11. Snack Tray Assembly (Part 2 of 2)



TABLE 11-A. SPIRAL OPTIONS

		PART NUMBERS				
		LEFT HAND		RIGHT HAND		
Spiral Count	Retainer Color	Assembly	Spiral	Assembly	Spiral	Retainer
6	Purple	1477103	1477102	1477105	1477104	1477107
9	Gray	1477149	1477150	1477152	1477153	1477155
11	Blue	1477023	1477024	1477026	1477027	1457061
13	Yellow	1477029	1477030	1477032	1477033	1457062
15	Red	1477035	1477063	1477038	1477039	1457063
17	Brown	1477101	1477100	1477099	1477098	1477106
20	White	1477041	1477042	1477044	1477045	1457064
25	Green	1477047	1477048	1477050	1477051	1457065
30	Black	1477053	1477054	1477056	1477057	1477073
38	Orange	1477059	1477060	1777062	1477063	1467137

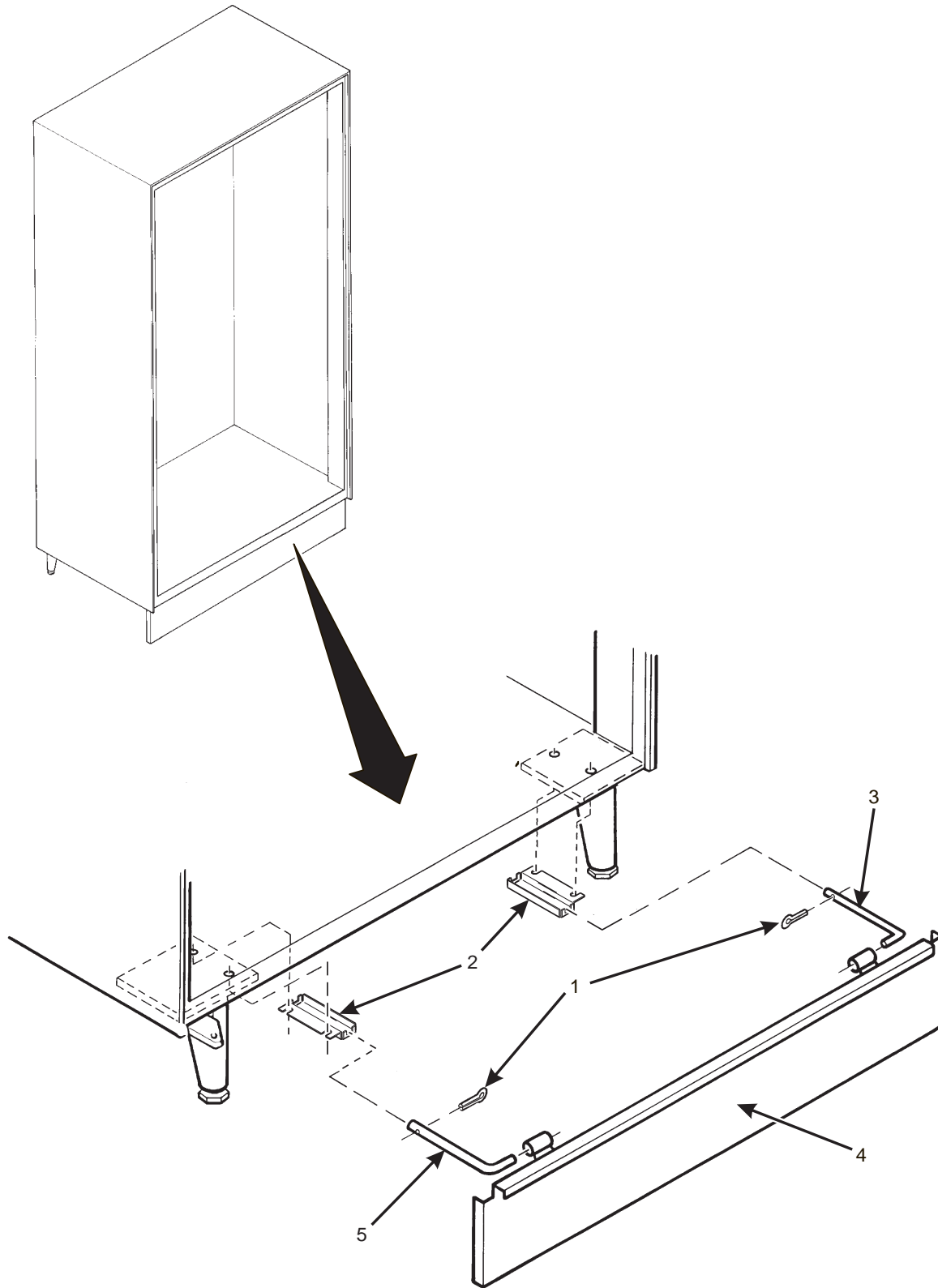


Figure 12. Base Plate Assembly



TABLE 12. BASE PLATE ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	9900098	COTTER PIN, 3/32	2
2	6231087	BRACKET - BASE PLATE	2
3	1411194	SLIDE - BASE PLATE - RIGHT HAND	1
4	1581023	BASE PLATE ASSEMBLY (160, 468, 490)	1
	2271408	BASE PLATE ASSEMBLY (159, 467)	
	4111091	BASE PLATE ASSEMBLY (485, 486, 488, 489)	
5	1411195	SLIDE - BASE PLATE - LEFT HAND	1

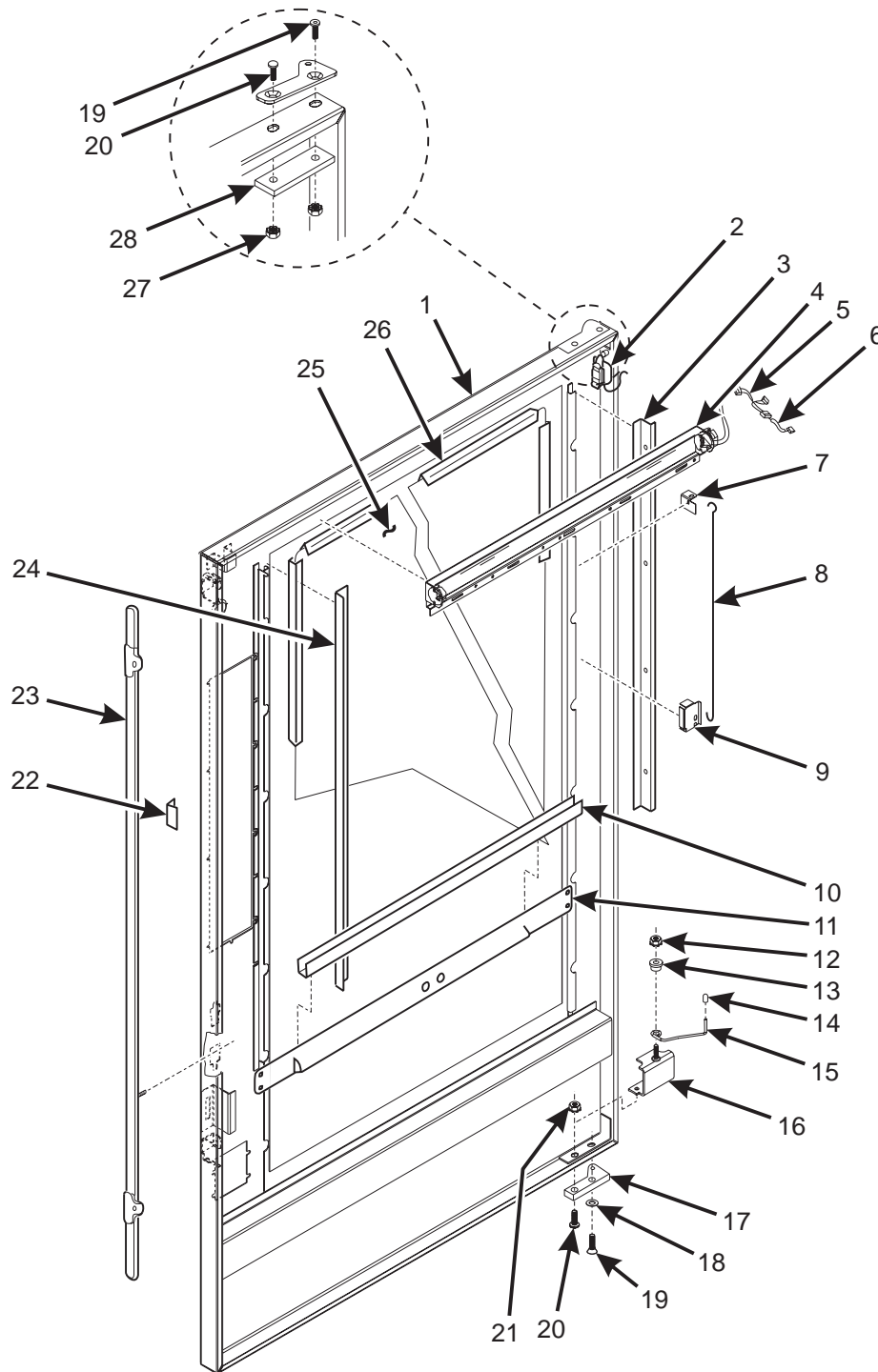


Figure 13. Door Assembly - Models 159, 160, 467, 468, 490 (Part 1 of 2)



TABLE 13. DOOR ASSEMBLY - MODELS 159, 160, 467, 468, 490 (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1572001	WELD ASSEMBLY - DOOR (MODELS 159, 467)	1
	1582001	WELD ASSEMBLY - DOOR (MODELS 160, 468, 490)	
2	3151058	BALLAST - 120 V (160, 468, 490)	1
	6152188	BALLAST - 120 V (159, 467)	
	1572016	BALLAST - ALL 230 V MODELS	
3	1572020	RETAINER - GLASS (159, 467)	1
	1582009	RETAINER - GLASS (160, 468, 490)	
-	1451097	SCREW (ATTACHING PART FOR INDEX # 3)	7
4	1572017	LIGHT ASSEMBLY - UPPER - DOOR (25W) (120 V MODELS 159, 467)	1
	1582004	LIGHT ASSEMBLY - UPPER - DOOR (20 W) (120 V MODELS 160, 468, 490, AND ALL 230 V MODELS)	
-	2222095	STARTER (20 W) (ALL MODELS WITH 1582004 LIGHT ASSEMBLY)	1
	2302218	STARTER (25 W) (ALL MODELS WITH 1582017 LIGHT ASSEMBLY)	
-	1122138	FLUORESCENT LAMP (20W) (ALL MODELS WITH 1582004 LIGHT ASSEMBLY)	1
	1172115	FLUORESCENT LAMP (25W) (ALL MODELS WITH 1582017 LIGHT ASSEMBLY)	
5	3156032	JUMPER - FILTER AND FLUORESCENT LIGHT	1
6	1451124	SUPPRESSION NETWORK ASSEMBLY (ALL 120 V MODELS)	1
	6332010	SUPPRESSION NETWORK ASSEMBLY (ALL 230 V MODELS)	
7	1572028	RETAINER - ROD SUPPORT - COMMON	1
8	1479140	ROD - SUPPORT - GUM & MINT	1
9	1572027	SUPPORT - PROP ROD - COMMON	1
10	1402120	CHANNEL - GLASS - LOWER (MODELS 159, 467)	1
	1462008	CHANNEL - GLASS - LOWER (MODELS 160, 468, 490)	
11	1472220	PANEL ASSEMBLY - GLASS - LOWER (MODELS 159, 467)	1
	1482200	PANEL ASSEMBLY - GLASS - LOWER (MODELS 160, 468, 490)	
-	1451097	SCREW (ATTACHING PART FOR INDEX # 11)	4
12	1211105	1/4-20 KEPS NUT EXT LW ZP	1
13	1142017	BUSHING - DOOR CHECK	1
14	1571037	CAP - VINYL - .281 ID X .50 LONG	1
15	1572009	ROD - DOOR CHECK	1
16	1572007	WELD ASSEMBLY - DOOR CHECK	1
17	6232031	HINGE ASSEMBLY - DOOR - LOWER	1
18	4242145	BEARING - THRUST - LOWER HINGE	1
19	6232036	SCREW - 5/16-18 X .75 FLAT HEAD SOCKET	1
20	6232208	WELD SCREW - #1/4-20 X 1" LG	1
21	1211105	1/4 - 20 KEPS NUT EXT LW ZP	1
22	1472250	GUIDE - LOCK BAR	1

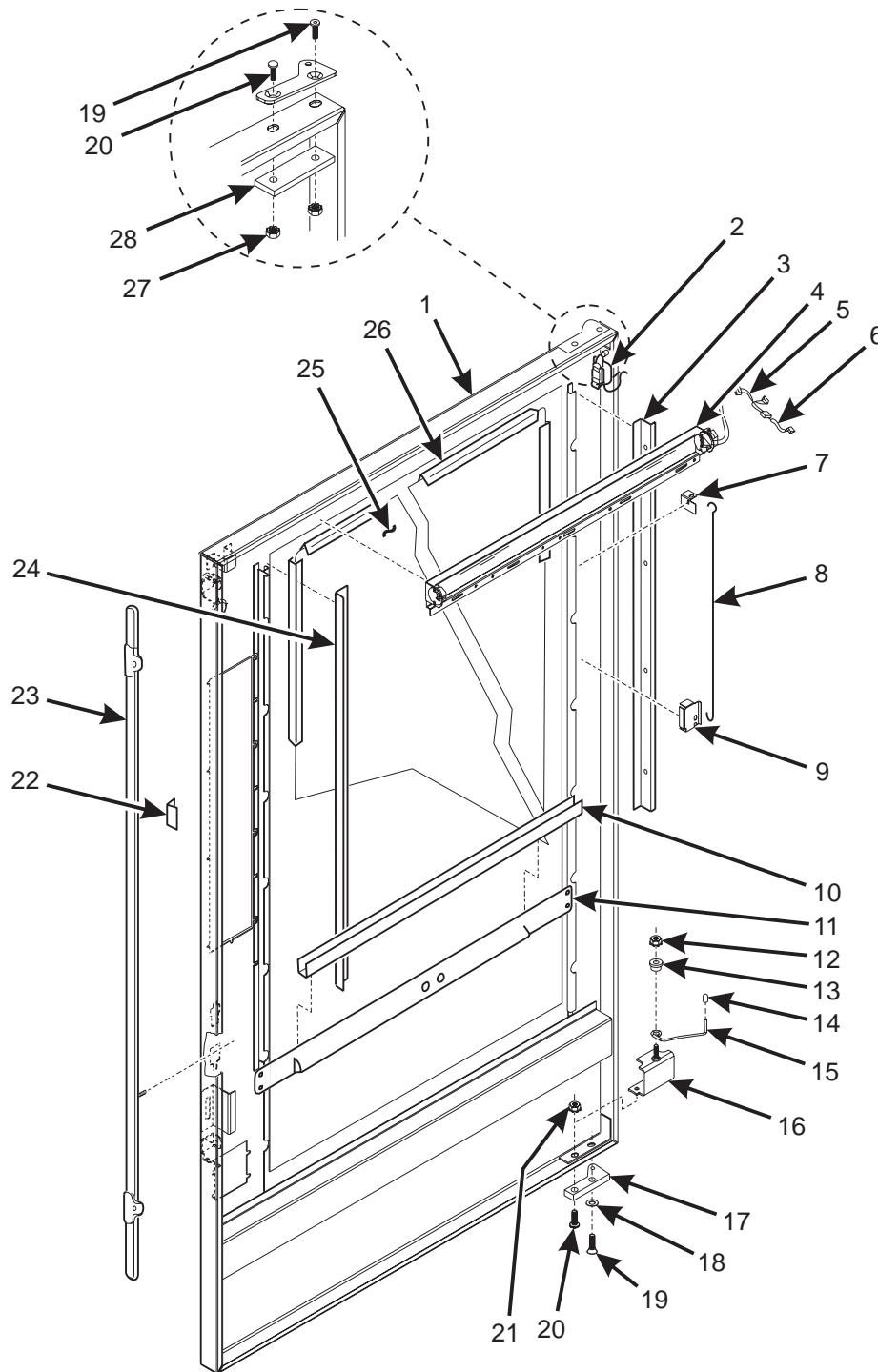


Figure 13. Door Assembly - Models 159, 160, 467, 468, 490 (Part 2 of 2)



TABLE 13. DOOR ASSEMBLY - MODELS 159, 160, 467, 468, 490
(PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
23	1472178	LOCK BAR ASSEMBLY	1
24	1472048	PLATE - GLASS RETAINING	1
-	1451097	SCREW (ATTACHING PART FOR INDEX # 24)	7
25	1452059	GLASS - DISPLAY (MODELS 157 AND 464)	1
	1462014	GLASS - DISPLAY (MODELS 158, 465, AND 484)	
26	2222124	CHANNEL - GLASS - HOR. & VERT. (159, 467) - 112.28 IN. LONG	-
		CHANNEL - GLASS - HOR. & VERT. (159, 467) - 105.25 IN. LONG	
27	1211105	NUT	1
28	6232028	PLATE ASSEMBLY - HINGE MOUNTING	1
-	1572023	FLUORESCENT SIDE LIGHT ASSEMBLY (NOT SHOWN) - USED ON MODEL 490 WITH FOOD MODULE (SEE FIGURE 62 FOR DETAILS)	OPT.

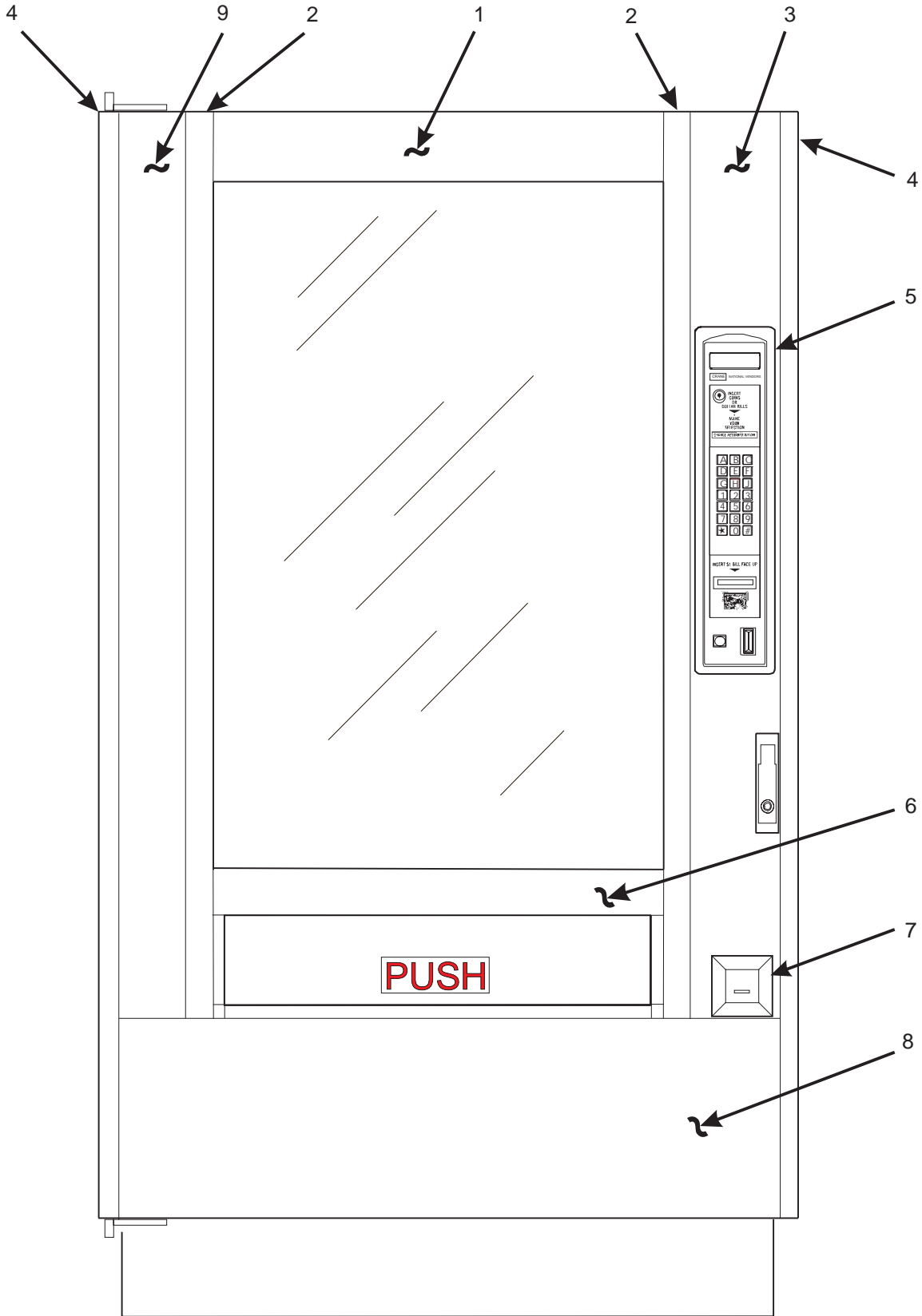


Figure 14. Common Trim and Panel Components - Models 159, 160, 467, 468, 490



TABLE 14. COMMON TRIM AND PANEL COMPONENTS - MODELS 159, 160, 467, 468, 490

INDEX	PART NUMBER	DESCRIPTION	QTY
1	*	TOP TRIM PANEL	1
2	G1472026	TRIM - DOOR - INSIDE	2
3	*	RIGHT HAND TRIM PANEL	1
4	1592002	TRIM - DOOR - OUTSIDE	2
5	1575047	CASTING - MONETARY FRAME - BLACK	1
6	G1472019	TRIM PANEL - GLASS - LOWER - GRAY (159/467)	1
	G1482010	TRIM PANEL - GLASS - LOWER - GRAY (160/468/490)	
7	1572012	TRIM - COIN CUP - GRAY	1
8	*	BOTTOM TRIM PANEL	1
9	*	LEFT HAND TRIM PANEL	1

* SEE TABLE 15-A

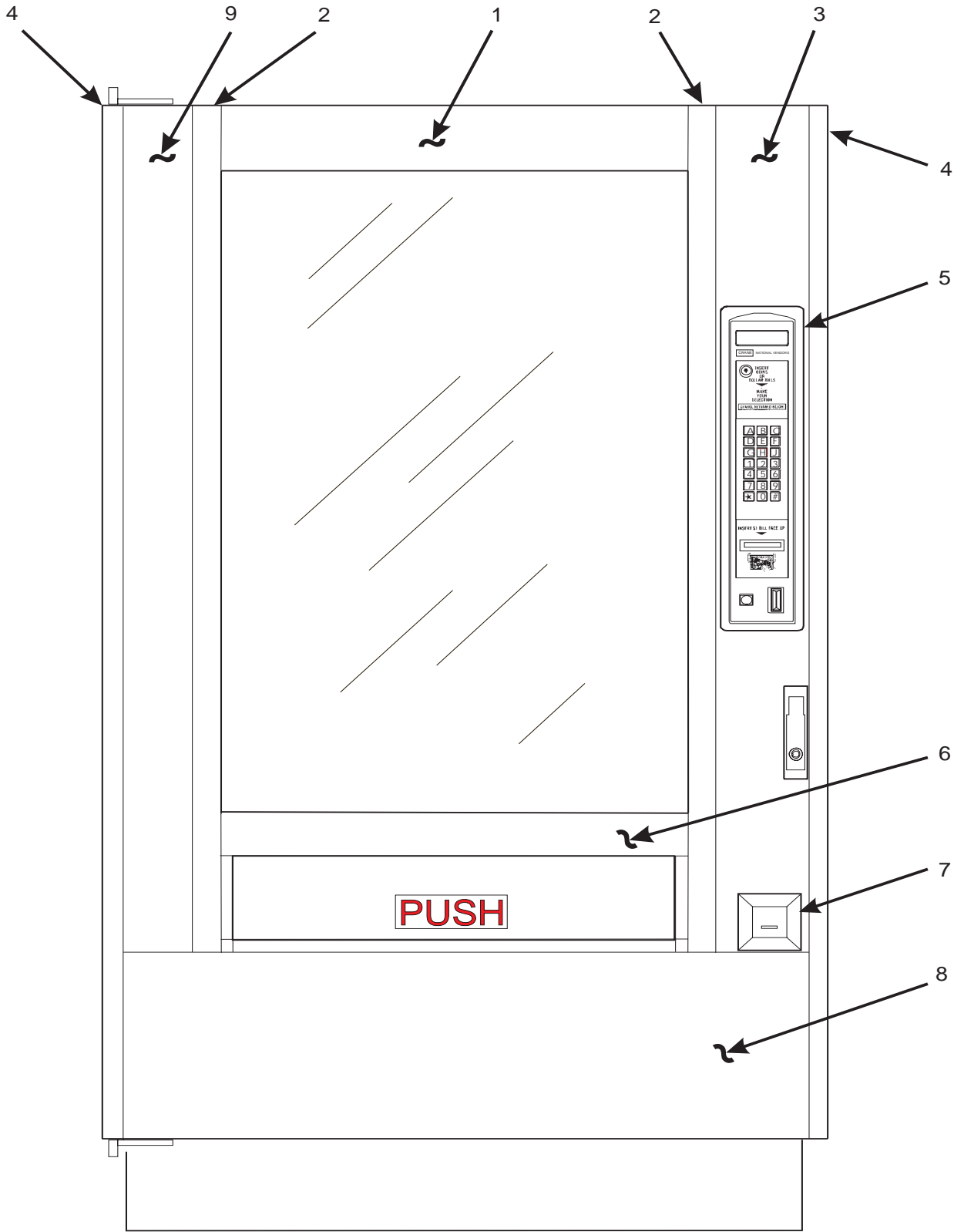


Figure 14. Common Trim and Panel Components - Models 159, 160, 467, 468, 490



TABLE 14-A. TRIM PANEL AVAILABILITY

TOP TRIM PANEL (INDEX NUMBER 1)

PART NUMBER	DESCRIPTION	MODELS
1592015	T. MEDIUM GRAY	159/467
4932002	T. MEDIUM GRAY	160/468/490
1592016	T. BLACK	159/467
4922005	T. BLACK	160/468/490

RIGHT HAND TRIM PANEL (INDEX NUMBER 3)

PART NUMBER	DESCRIPTION	MODELS
1592011	T. LIGHT GRAY	ALL
1592012	T. BLACK	ALL

LEFT HAND TRIM PANEL (INDEX NUMBER 9)

PART NUMBER	DESCRIPTION	MODELS
1592021	T. LIGHT GRAY	159/467
1602012	T. LIGHT GRAY	160/468/490
1592022	T. BLACK	159/467
1602013	T. BLACK	160/468/490

BOTTOM TRIM PANEL (INDEX NUMBER 8)

PART NUMBER	DESCRIPTION	MODELS
1592019	T. MEDIUM GRAY	159/467
1602010	T. MEDIUM GRAY	160/468/490
1592020	T. BLACK	159/467
1602011	T. BLACK	160/468/490

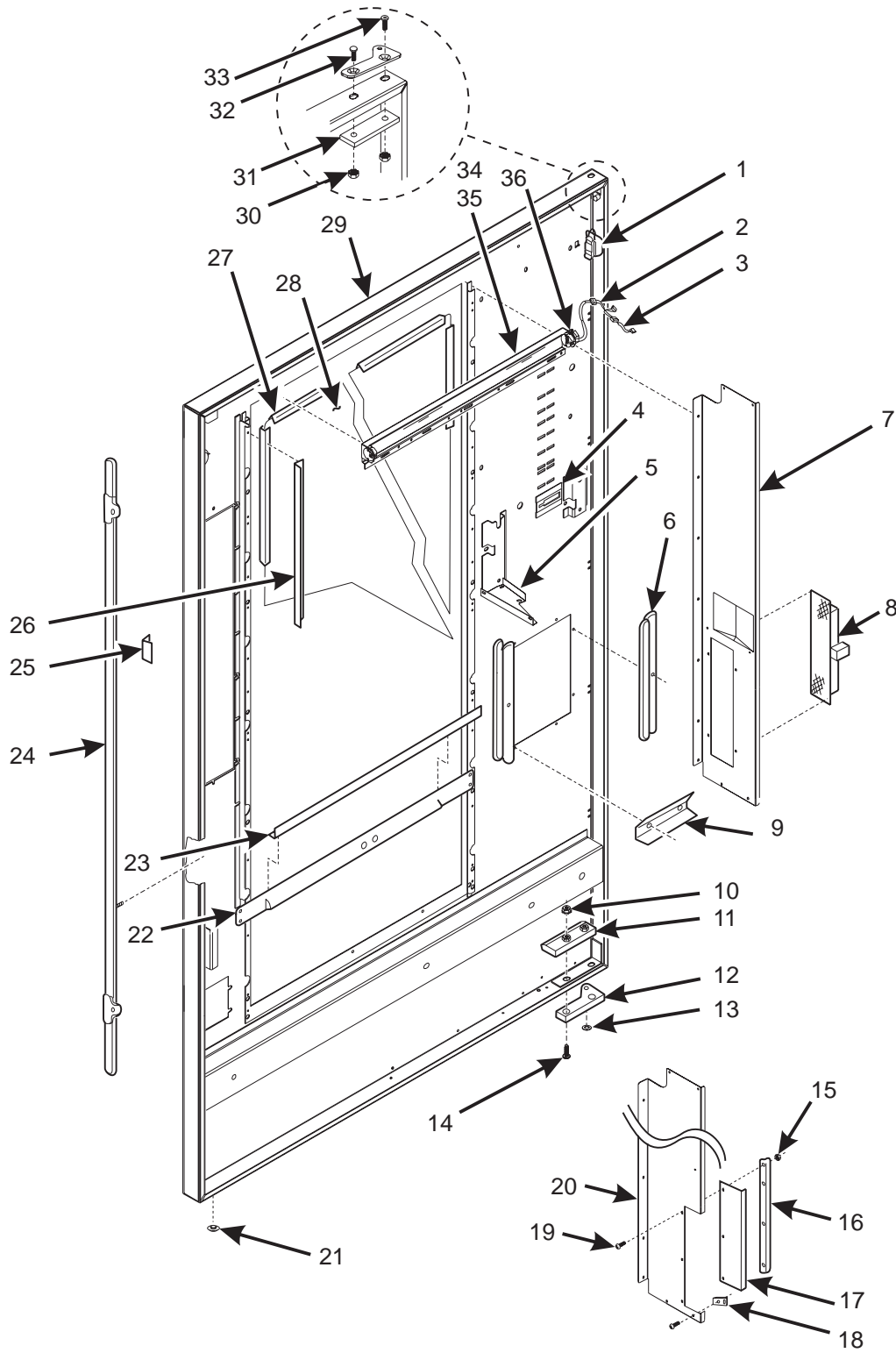


Figure 15. Door Assembly - Model 493



TABLE 15. DOOR ASSEMBLY - MODEL 493

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	3151058	BALLAST ASSEMBLY - 14/20 WATT	1
2	3156032	JUMPER - FILTER AND FLUORESCENT LIGHT	1
3	1451124	SUPPRESSION NETWORK ASSEMBLY	1
4	4752013	LIGHT ASSEMBLY - INDICATOR	1
5	4852006	GUSSET - RETAINER - L.H.	1
-	1170206	SCREW #8-32X3/8 THS BLACK	1
-	9900081	NUT #8-32 KEPS ZINC PLATE	1
6	4752033	DOOR GUIDE-CUP STATION	2
7	4852004	RETAINER - GLASS - WITH SIDE LIGHT	OPT.
-	1451097	SCREW - #8-32X.31 HEX HD.TF-BLK.	7
8	4852019	FLUORESCENT LIGHT ASSEMBLY - COVERED (WITH INDEX #7 ONLY) (SEE FIGURE 61 FOR DETAILS)	1
-	1170206	SCREW #8-32X3/8 THS BLACK (ATTACHING PARTS FOR INDEX #8)	4
9	4752031	BRACKET - VEND DOOR STOP	1
10	1211105	1/4-20 KEPS NUT EXT LW ZP	1
11	6232028	PLATE ASSEMBLY - HINGE MTG	1
12	6232031	HINGE ASSEMBLY - DOOR - LOWER	1
13	4242145	BEARING - THRUST - LOWER HINGE	1
14	6232208	WELD SCREW - #1/4 - 20 X 1"LG	1
15	9900081	NUT #8-32 KEPS ZINC PLATE	3
16	4722024	ANGLE - END PLATE SHIELD	1
17	4852018	SHIELD - DISPLAY END PLATE	1
18	4722025	BRACKET - END PLATE SHIELD	1
19	1170206	SCREW #8-32 X 3/8 THS BLACK	3
20	4852005	RETAINER - GLASS - WITHOUT SIDE LIGHT	1
-	1451097	SCREW - #8-32X.31 HEX HD.TF-BLK. (ATTACHING PARTS FOR INDEX #20)	7
21	6342038	BUTTON PLUG - 1/4 - FLUSH TYPE	1
22	1482200	PANEL ASSEMBLY - GLASS - LOWER	1
-	1451097	SCREW - #8-32X.31 HEX HD.TF-BLK.	4
23	1462008	CHANNEL - GLASS - LOWER	1
24	1472178	LOCK BAR ASSEMBLY	1
25	1472250	GUIDE - LOCK BAR	1
26	1472048	PLATE - GLASS RETAINING	1
-	1451097	SCREW - #8-32 X.31 HEX HD.TF - BLK. (ATTACHING PARTS FOR INDEX #8)	7
27	2222124	CHANNEL GLASS HORIZONTAL & VERTICAL	1
28	1462014	GLASS - DISPLAY	1
29	4852021	WELD ASSEMBLY - DOOR	1
30	1211105	1/4 - 20 KEPS NUT EXT LW ZP	1
31	6232028	PLATE ASSEMBLY - HINGE MTG	1
32	6232208	WELD SCREW - #1/4 - 20 X 1"LG	1
33	6232036	SCREW - 5/16 - 18X.75 FLAT HEAD SOCKET	1
34	1582004	LIGHT ASSEMBLY-UPPER-DOOR	1
35	1122138	FLUORESCENT LAMP #F20T12/CW30/CS	1
36	2222095	FLUORESCENT LAMP STARTER FS2	1

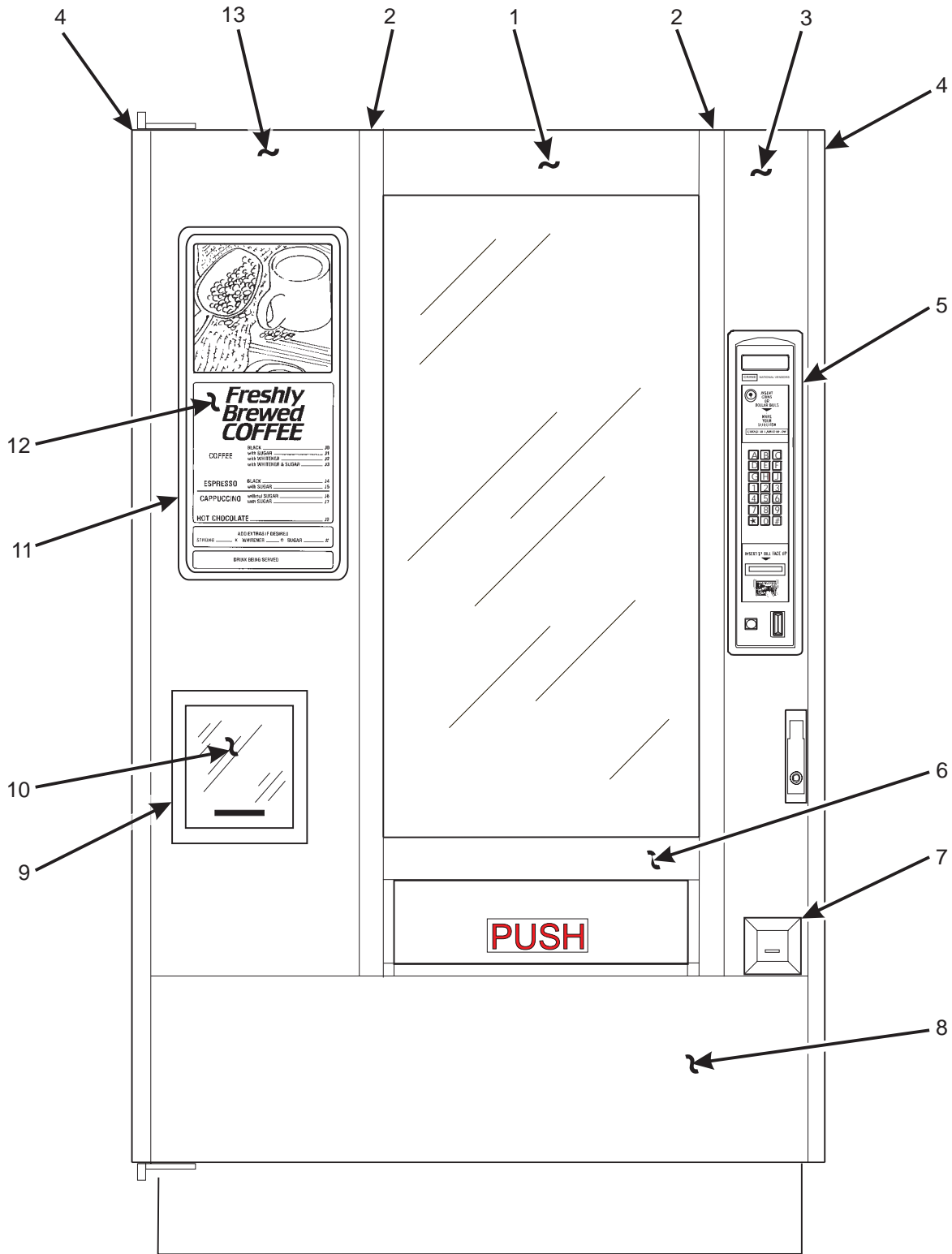


Figure 16. Trim and Panel Components - Model 493



TABLE 16. TRIM AND PANEL COMPONENTS - MODEL 493

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4932002	PANEL - TOP - MEDIUM GRAY	1
	4922005	PANEL - TOP - T. BLACK	
2	G1472026	TRIM - DOOR - INSIDE	2
3	1592011	PANEL - RIGHT HAND - T. LIGHT GRAY	1
	1592012	PANEL - RIGHT HAND - T. BLACK	
4	1592002	TRIM - DOOR - OUTSIDE	2
5	1575047	CASTING - MONETARY FRAME - BLACK	1
6	G1482010	TRIM - PANEL - GLASS - LOWER - GRAY	1
7	1572012	TRIM - COIN CUP - GRAY	1
8	4932003	PANEL - LOWER - MEDIUM GRAY	1
	4922006	PANEL - LOWER - T. BLACK	
9	4732035	TRIM ASSEMBLY - DELIVERY - CUP STATION	1
10	4732022	DOOR - DELIVERY - SILKSCREEN	1
11	4752043	FRAME - PRODUCT IDENTIFIER	1
12	4752105	LENS - SELECTION INSERT	1
13	4932004	PANEL - LEFT HAND - LIGHT GRAY	1
	4922004	PANEL - LEFT HAND TRIM - T. BLACK	1

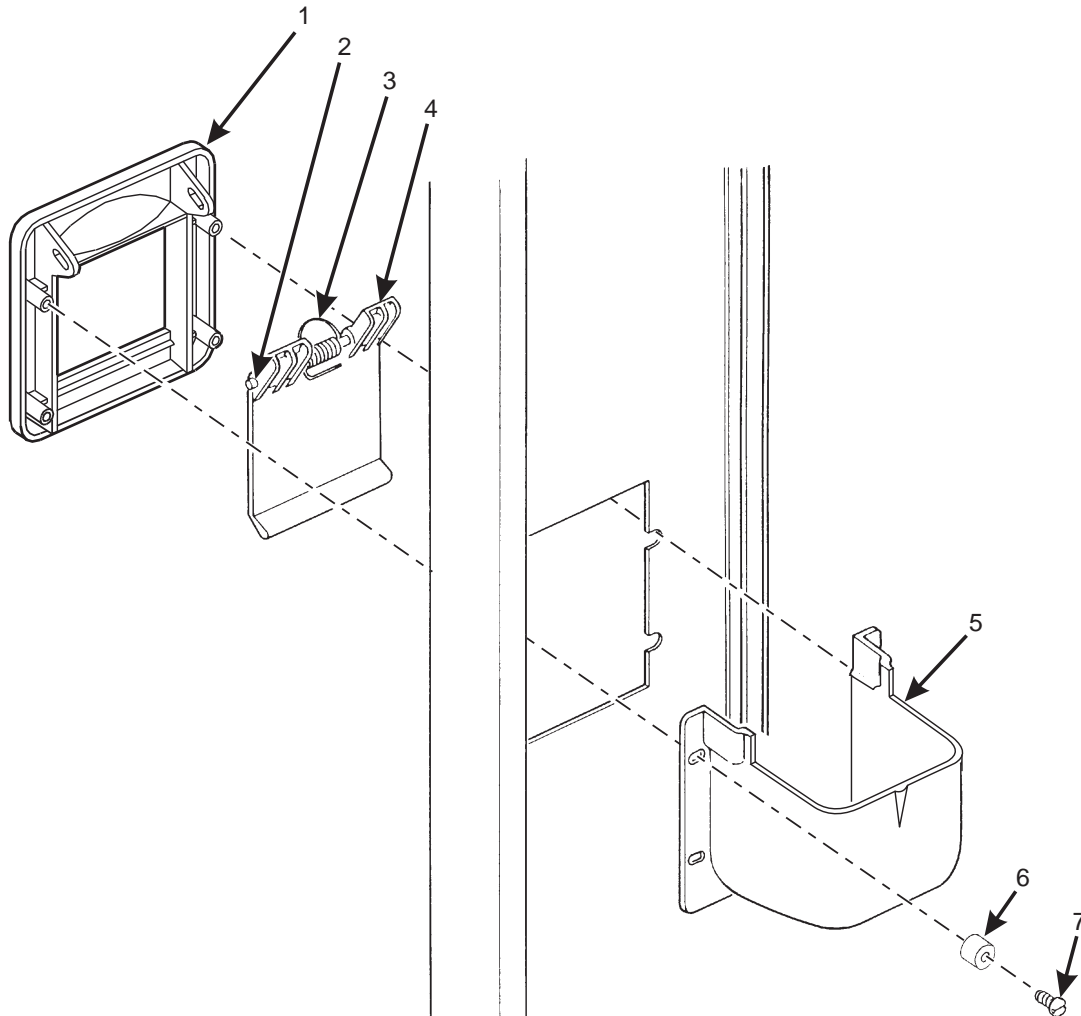


Figure 17. Coin Receptacle Assembly



TABLE 17. COIN RECEPTACLE ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1572012	TRIM-COIN CUP-GRAY	REF.
2	4245084	SHAFT - DOOR - COIN RETURN	1
3	4245083	SPRING - COIN RETURN DOOR	1
4	4245082	GATE - COIN RETURN	1
5	1572010	CUP COIN RETURN	1
6	2302053	SPACER - CUP	4
7	4042512	SCREW, #8-32 X 1/2 PHS S/T	4

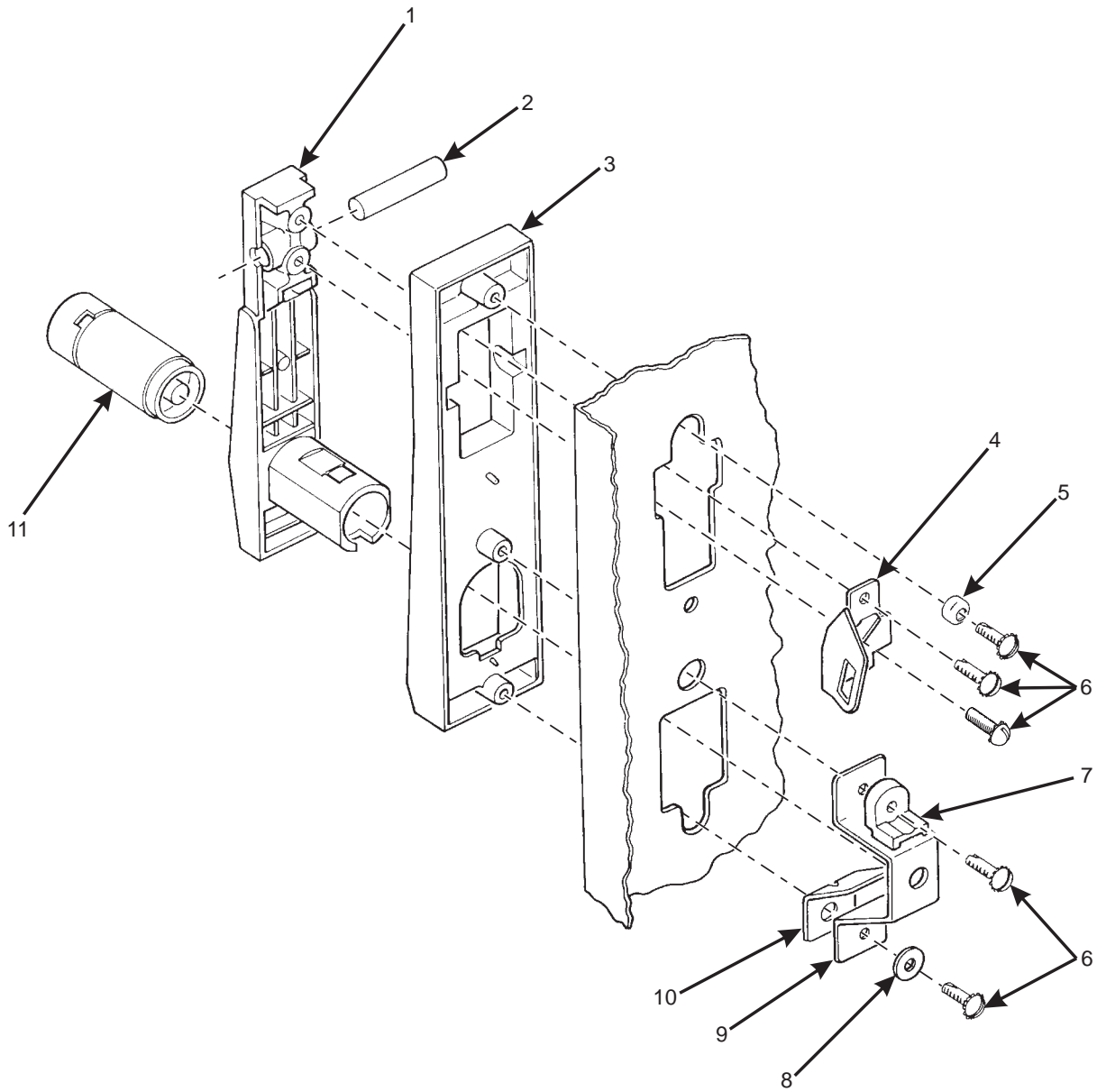


Figure 18. Door Lock and Handle Assembly



TABLE 18. DOOR LOCK AND HANDLE ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1172190	LEVER - LOCK	1
2	1302291	PIVOT - LEVER LOCK	1
3	1172191	BASE - LEVER LOCK	1
4	2272052	ACTUATOR ASSEMBLY - LOCK BAR	1
5	1302289	CUP SPACER	1
6	1217161	SCREW, #10-32 X 1/2 RHS W/LW	5
7	1302326	SHIELD - LATCH	1
8	9900121	WASHER - STEEL - 7/16 X .203 X .032	1
9	1302324	CATCH - DOOR LATCH	1
10	1302290	LATCH - LOCK LOWER	1
11	9992400	CYLINDER - LOCK	1
	3112163	VAN LOCK	(OPT)
-	3112164	KEY (NOT SHOWN)	1
		VAN LOCK APPLICATION (NOT SHOWN)	(OPT)

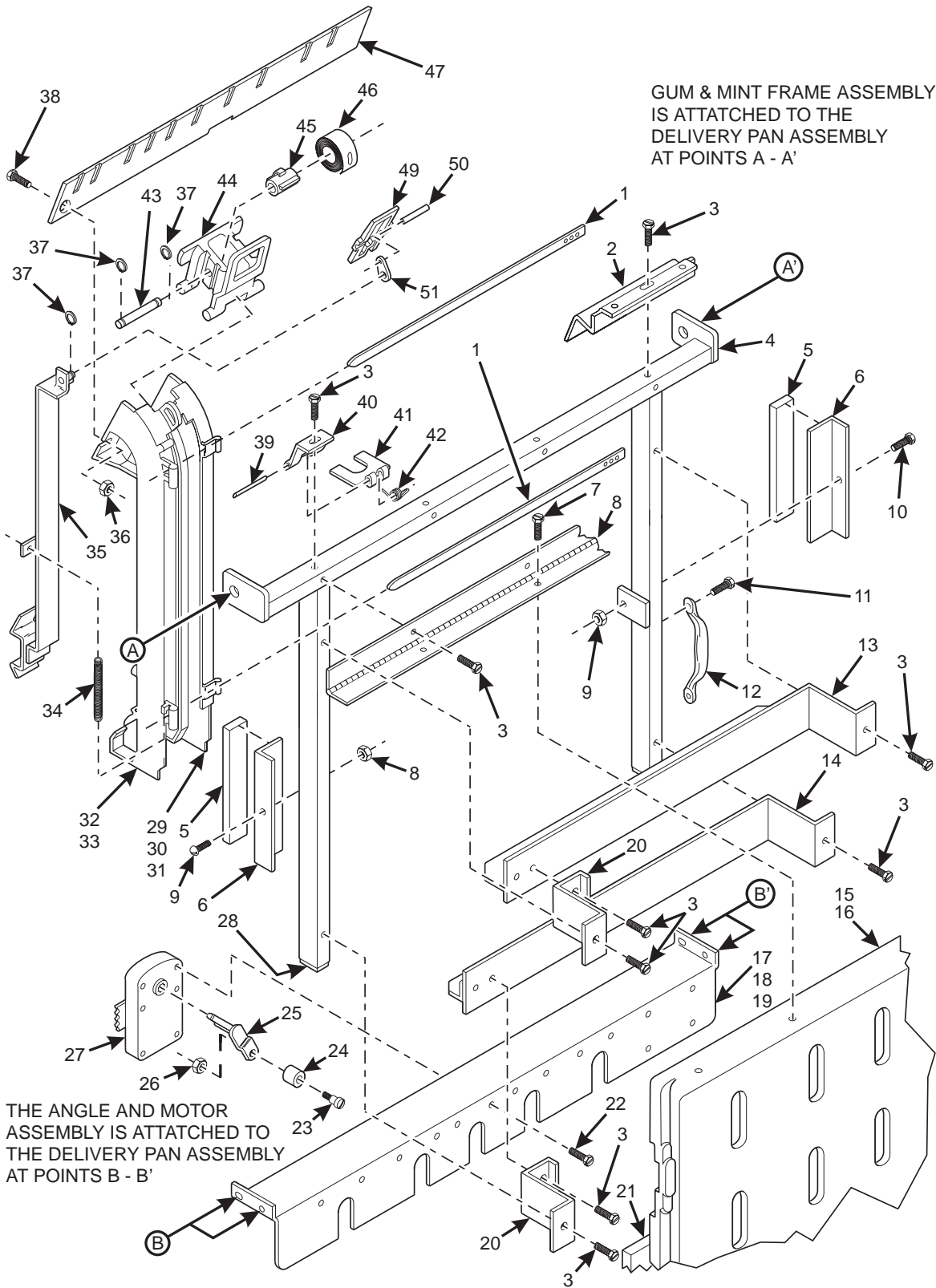


Figure 19. Gum and Mint Assembly (Part 1 of 2)



TABLE 19. GUM AND MINT ASSEMBLY (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	1577000	GUM & MINT COLUMN (159, 467)	-
	1587000	GUM & MINT COLUMN (160, 468, 490 493)	
1	1479096	RETAINER	3
2	1479103	FILLER - GUM & MINT	2
3	1451097	SCREW - #8-32X.31 HEX HD.TF - BLK. (159, 467 ONLY)	-
4	1479136	FRAME ASSEMBLY - GUM & MINT (159, 467)	1
	1489008	FRAME ASSEMBLY - GUM & MINT (160, 468, 490, 493)	
5	3122056	MAGNET RETAINER - COIN CHANGER	2
6	1479117	ANGLE - MAGNET	2
7	1437207	SCREW	4
8	1479104	HINGE - COVER	1
9	1412046	8-32 NUT MF 23TW832 BLOX	2
10	9900201	SCREW #8-32X5/16 RHS SEMS MACH ZINC	2
11	4041053	SCREW #10-32X3/8 PHS T/C W/LW	2
12	1479139	PULL - DOOR	1
13	1479089	SUPPORT ASSEMBLY - MAGAZINE - UPPER	1
14	1479092	SUPPORT ASSEMBLY - MAGAZINE - LOWER	1
15	1479125	COVER ASSEMBLY	1
16	1479124	LABEL - LOADING - GUM & MINT (NOT SHOWN)	1
17	1479102	ANGLE - MOTOR (159, 467)	1
	1489005	ANGLE - MOTOR (160, 468, 490, 493)	
-	1451097	SCREW (ATTACHING PARTS FOR INDEX # 17)	4
18	6131143	CABLE CLAMP RICHCO #KKC6	2
19	1452139	(NRI15590-6) CABLE CLIP #805-3 M	1
20	1479095	BRACKET - MAGAZINE	2
21	1479119	MAGNET - RETAINER	2
22	1457027	8-32X.81 HHSI TAPTITE Z/Y	10
23	1479062	STUD - DRIVE ARM	5
24	1479063	ROLLER - DRIVE ARM	5
25	1479145	ARM - DRIVE MOTOR	5
26	9900081	NUT #8-32 KEPS ZINC PLATE	5
27	1477112	MOTOR & PCB ASSEMBLY	5
28	1479120	CAPLUG - REC. 1/2 X 1	2
29	1479076	CHANNEL - GUM & MINT - RIGHT - SMALL	3
30	1479077	CHANNEL - GUM & MINT - RIGHT - LARGE	2
31	1572140	LABEL - LOADING LINE - GUM & MINT	1
32	1479075	CHANNEL - GUM & MINT - LEFT	5
33	1479064	SPACER - COLUMN - GUM & MINT	2
34	4246307	SPRING - HORIZONTAL SELECTOR ARM	5
35	1479123	DRIVE BAR & STUD ASSEMBLY	5
36	9900081	NUT #8-32 KEPS ZINC PLATE	1
37	9900425	RETAINING RING REINF E TYP.250	15

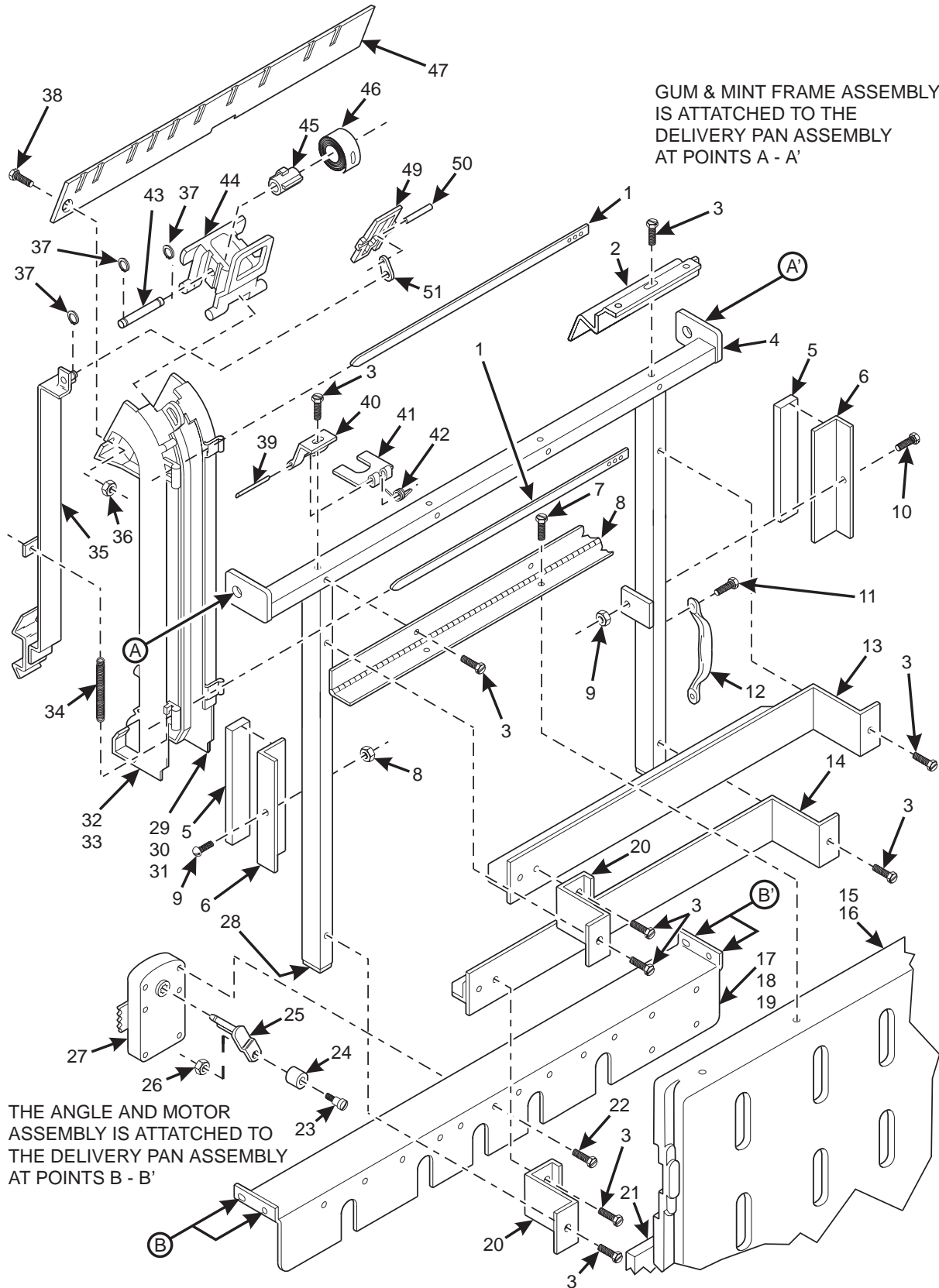


Figure 19. Gum and Mint Assembly (Part 2 of 2)

TABLE 19. GUM AND MINT ASSEMBLY (PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
38	9900020	SCREW #8-32X1/2 RHS MACH. ZINC	1
39	1479083	PIN - HINGE	5
40	1479082	HINGE - BACK	5
41	1479081	HINGE - FRONT	5
42	1479084	SPRING - HINGE	5
43	1479099	PIN - PUSHER	5
44	1479079	PUSHER	5
45	1479080	SPOOL - SPRING	5
46	1479106	SPRING- PUSHER	5
47	1479105	WINDOW - GUM & MINT	1
48	1479078	EJECTOR - GUM & MINT	5
49	1479098	PIN - EJECTOR	5
50	1479097	LINK - EJECTOR	5
51	1579012	HARNESS - GUM & MINT (NOT SHOWN)	1

THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:

PART NUMBER	DESCRIPTION
1479127	ANGLE & MOTOR ASSEMBLY (MODEL 157 ONLY) (INCLUDES INDEX NUMBERS 16, 17, 28, 21 - 26, 52)
1489004	ANGLE & MOTOR ASSEMBLY (MODELS 158, 484, 485, 486) (INCLUDES INDEX NUMBERS 16, 17, 28, 21 - 26, 52)
1479060	MOTOR & ARM ASSEMBLY (INCLUDES INDEX NUMBERS 21 - 26)
1479130	MAGAZINE ASSEMBLY - GUM & MINT (MODEL 157 ONLY) (INCLUDES INDEX NUMBERS 1, 2, 5, 7, 12 - 15, 19, 30, 31, 33 - 51)
1489006	MAGAZINE ASSEMBLY - GUM & MINT (MODELS 158, 484, 485, 486) (INCLUDES INDEX NUMBERS 1, 2, 5, 7, 12 - 15, 19, 30, 31, 33 - 51)
1479131	FRAME & ARM ASSEMBLY (MODEL 157 ONLY) (INCLUDES INDEX NUMBERS 4, 6, 11, AND 29)
1489007	FRAME & ARM ASSEMBLY (MODELS 158, 484, 485, 486) (INCLUDES INDEX NUMBERS 4, 6, 11, AND 29)
1479126	ARM & ROLLER ASSEMBLY (INCLUDES INDEX NUMBERS 22 - 25)

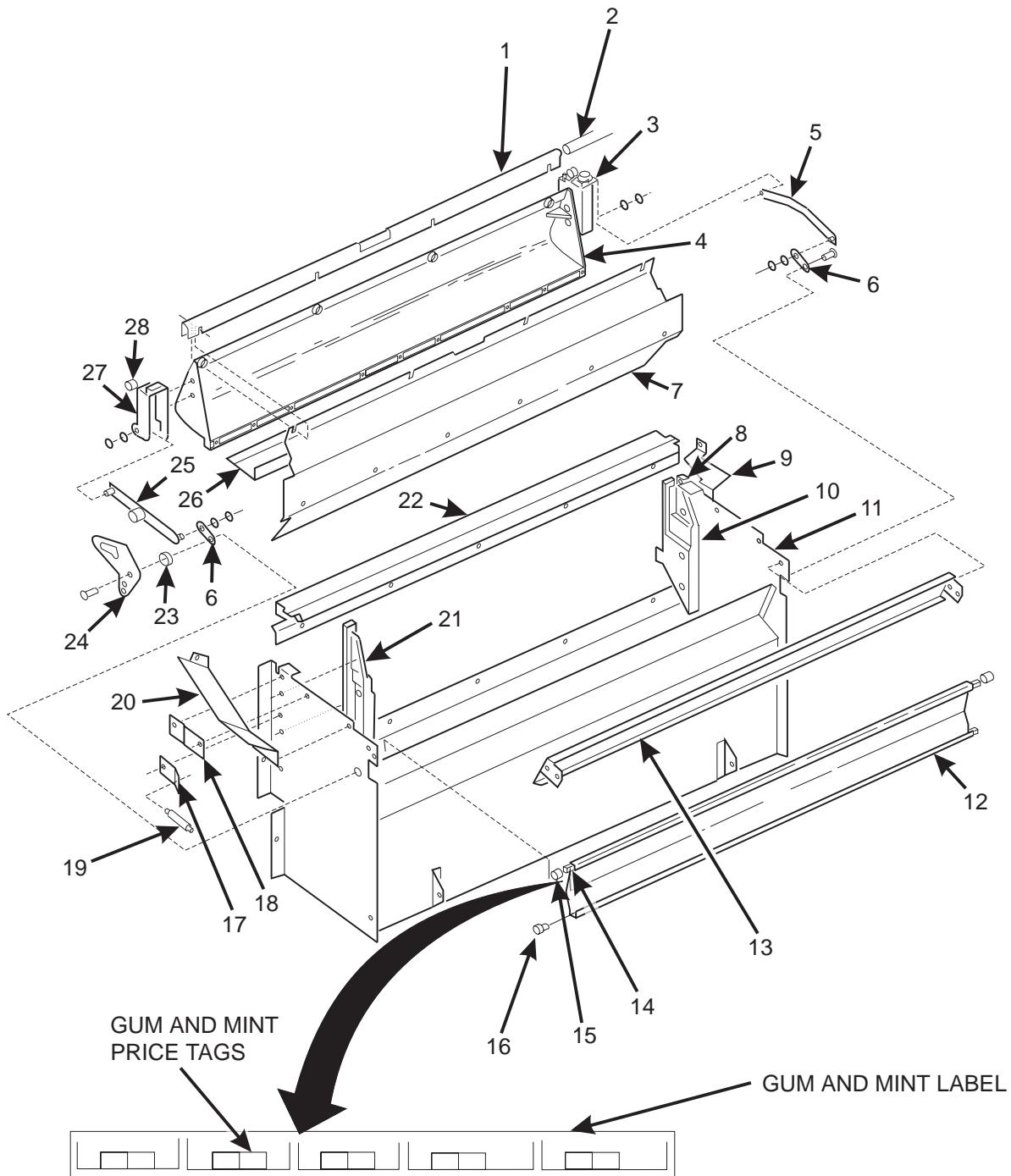


Figure 20. Delivery Pan Assembly (Part 1 of 2)



TABLE 20. DELIVERY PAN ASSEMBLY (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	1592003	DELIVERY PAN ASSEMBLY (159/467)	1
	1602001	DELIVERY PAN ASSEMBLY (160/468/490)	
	4932005	DELIVERY PAN ASSEMBLY (493)	
1	1412028	CHANNEL - DOOR (159/467)	1
	1462035	CHANNEL - DOOR (160/468/490/493)	
-	1170206	SCREW #8-32 X 3/8 THS BLACK	4
-	1402052	NUT CARRIAGE #8-32	4
2	1472228	SHAFT - DOOR PIVOT (159/467)	1
	1482002	SHAFT - DOOR PIVOT (160/468/490/493)	1
3	1472272	ACTUATOR - DELIVERY DOOR - L.H. (159/467)	1
	1482252	ACTUATOR - DELIVERY DOOR - L.H. (160/468/490/493)	
-	1170206	SCREW - #8-32 X 3/8 THS BLACK	2
-	1412046	8-32 NUT MF 23TW832 BLOX	2
4	G1472014	DOOR - DELIVERY - GRAY (159/467)	1
	1592028	DOOR - DELIVERY - GRAY (160/468/490/493)	
5	4402017	ACTUATOR ASSEMBLY	1
-	9900146	RETAINING RING E TYPE .312	2
-	9900171	WASHER BRASS 9/16 X.315 X.040	2
6	1472145	ACTUATOR - REAR PIVOT	2
-	1170206	SCREW - #8-32X3/8 THS BLACK	1
-	9900202	SCREW - #8-32 X 5/8 PHS W/LKW	1
-	2204093	WASHER - SCAVENGER BAR	1
7	1472108	LINER - DOOR - PILFERAGE (159/467)	1
	1482163	LINER - DOOR - PILFERAGE (160/468/490/493)	
-	7207019	SCREW - #8-18 X 3/8 PHS TAPPING	6
8	1472069	BRACKET - DOOR PIVOT - L.H.	1
-	1170206	SCREW - #8-32 X 3/8 THS BLACK	1
-	9900081	NUT - #8-32 KEPS ZINC PLATE	1
9	1572169	DEFLECTOR - COMMON - LARGE SNACK (159/467)	1
	1602014	DEFLECTOR - L.H. - SMALL - GLASCO SNACK (160/468/490)	
	4922010	DEFLECTOR - L.H. (493)	
-	1170206	SCREW - #8-32 X 3/8 THS BLACK	2
-	9900081	NUT - #8-32 KEPS ZINC PLATE	2
10	G1472015	FILLER-LEFT-GRAY	1
-	1306140	8-32X3/8 CARR BOLT BLK/OX	3
-	9900081	NUT #8-32 KEPS ZINC PLATE	3
11	1472288	WELD ASSY-DELIVERY PAN (159/467)	1
	4402000	WELD ASSY-DELIVERY PAN (160/468/490/493)	
12	1472138	ASSEMBLY - REAR DELIVERY DOOR (159/467)	1
	1482171	ASSEMBLY - REAR DELIVERY DOOR (160/468/490/493)	
13	1472082	FILLER - DELIVERY PAN (159/467)	1
	G1472015	FILLER - LEFT - GRAY (160/468/490/493)	
-	1451097	SCREW - #8-32 X .31 HEX HD.TF - BLK.	4

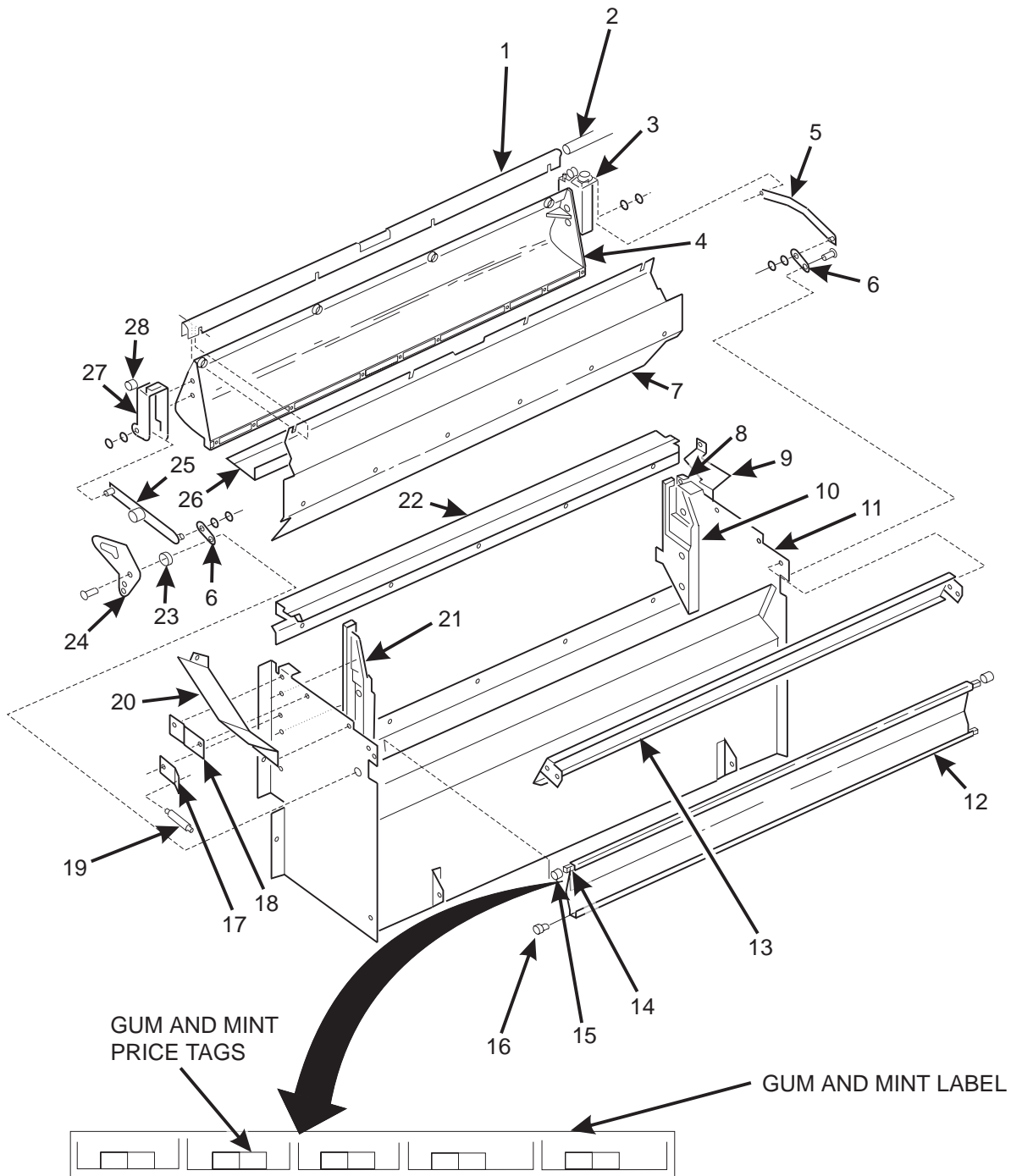


Figure 20. Delivery Pan Assembly (Part 2 of 2)



TABLE 20. DELIVERY PAN ASSEMBLY (PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
14	1472087	WASHER - .38 I.D. X .56 O.D	2
15	1472083	SPACER	2
16	4042556	CANOE CLIP	2
17	2342110	BRACKET - SPRING	1
18	1472068	BRACKET - DOOR PIVOT-R.H.	1
-	1170206	SCREW - #8-32 X 3/8 THS BLACK	1
-	9900081	NUT - #8-32 KEPS ZINC PLATE	1
19	4246044	SPRING - ELEVATOR GUIDE ARM	1
20	1572029	DEFLECTOR - PRODUCT - R.H.	1
-	1170206	SCREW - #8-32 X 3/8 THS BLACK	2
-	9900081	NUT - #8-32 KEPS ZINC PLATE	2
21	G1472016	FILLER - RIGHT - GRAY	1
-	1306140	8-32 X 3/8 CARR BOLT BLK/OX	3
-	9900081	NUT - #8-32 KEPS ZINC PLATE	3
22	G1472013	PAN - DELIVERY - FRONT - GRAY (159/467)	1
	G1482009	PAN - DELIVERY - FRONT - GRAY (160/468/490/493)	
-	1306140	8-32 X 3/8 CARR BOLT BLK/OX (159/467)	5
		8-32 X 3/8 CARR BOLT BLK/OX (160/468/490/493)	4
-	9900081	NUT #8-32 KEPS ZINC PLATE (159/467)	5
		NUT #8-32 KEPS ZINC PLATE (160/468/490/493)	4
23	2342109	BUSHING - DELIVERY - LINKAGE	1
24	4402016	PLATE - DOOR RETENTION	1
25	1472156	ACTUATOR ASSEMBLY - RIGHT	1
-	9900146	RETAINING RING E TYPE .312	2
-	9900171	WASHER BRASS 9/16 X.315 X.040	2
26	1412047	ANGLE - DELIVERY DOOR (159/467)	1
	1462073	ANGLE - DELIVERY DOOR (160/468/490/493)	
27	1472271	ACTUATOR - DELIVERY DOOR - R.H. (159/467)	1
	1482251	ACTUATOR - DELIVERY DOOR - R.H. (160/468/490/493)	
-	1170206	SCREW - #8-32 X 3/8 THS BLACK	2
-	1412046	8-32 NUT MF 23TW832 BLOX	2
28	1472219	SPACER	2

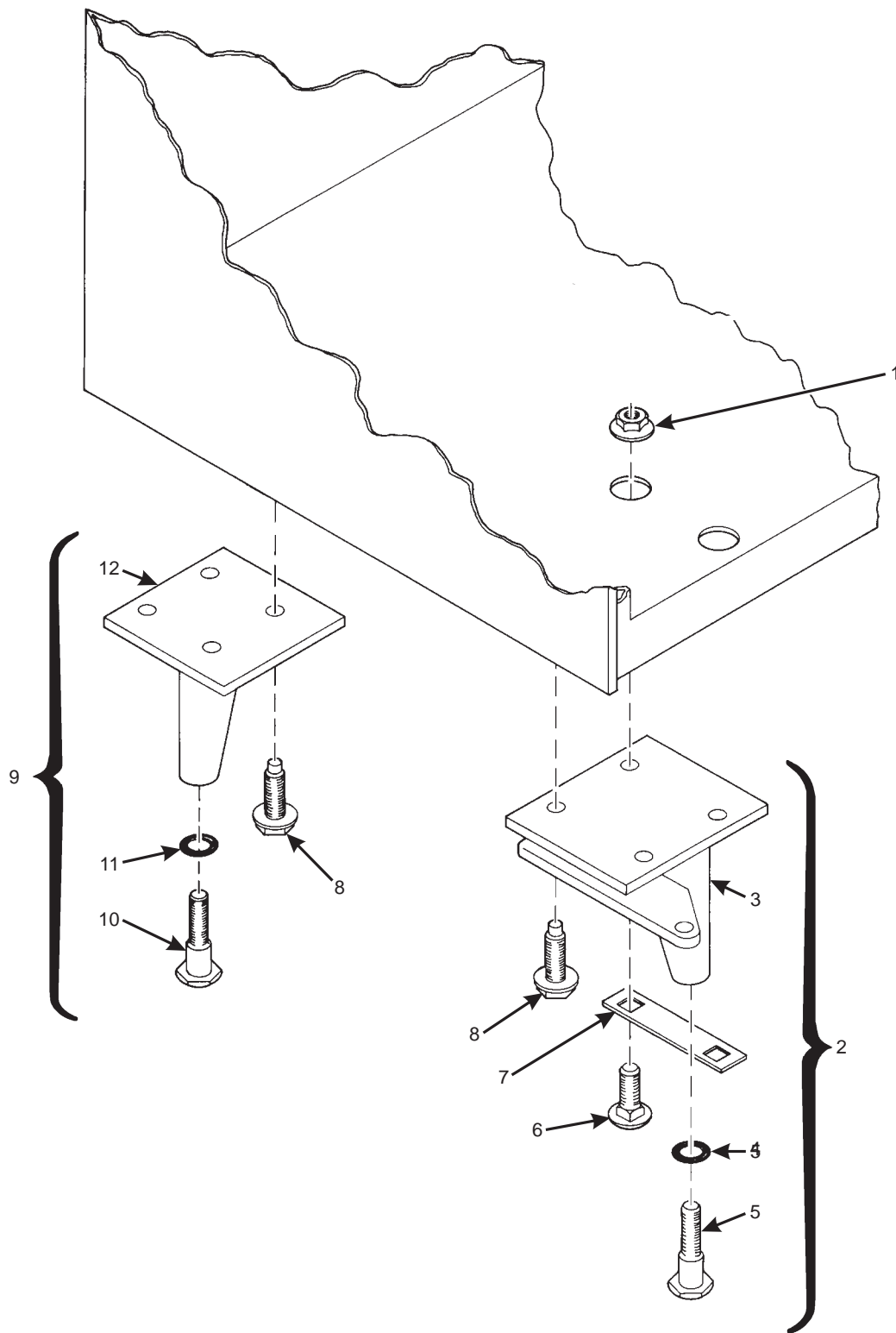


Figure 21. Leg, Leveler, and Leg and Hinge Assemblies



TABLE 21. LEG, LEVELER, AND LEG AND HINGE ASSEMBLIES

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	1172021	NUT - 1/4-20 WHIZ-LOCK	2
2	6231163	LEG, HINGE, AND LEVELER ASSEMBLY (INCLUDES INDEX NUMBERS 4 THROUGH 6)	1
3	1571115	LEG AND HINGE ASSEMBLY	1
4	1471283	"O" RING - .49 ID X .10 DIA	1
5	1471098	LEVELER - CABINET	1
6	1211112	TRAY BOLT	2
7	6231203	PLATE - HINGE LEG BOLT	1
8	1451093	5/16 - 18 X 1.00 HW TAPTITE	14
9	1471237	LEG AND LEVELER ASSEMBLY - CABINET (INCLUDES INDEX NUMBERS 11 THROUGH 13)	3
10	1471098	LEVELER - CABINET	1
11	1471283	"O" RING - .49 ID X .10 DIA	1
12	1571127	LEG ASSEMBLY - CABINET	1



TABLE 22. BAG ASSEMBLY 1590006 - DOMESTIC
(USED ON MODELS 159, 160)

PARTNUMBER	DESCRIPTION	QTY.
WD159000	WIRING DIAGRAM SNACK WITH GUM & MINT - 115V	1
1470041	PLASTIC BAG	1
1477015	ROLL - PRICE DOLLARS	2
1477076	LABEL - ITEM LETTERS - A0/A9	1
1477077	LABEL - ITEM LETTERS - B0/B9	1
1477078	LABEL - ITEM LETTERS - C0/C9	1
1477079	LABEL - ITEM LETTERS - D0/D9	1
1477080	LABEL - ITEM LETTERS - E0/E9	1
1477081	LABEL - ITEM LETTERS - F0/F9	1
1477083	RETAINER - SPIRAL - WALL	10
1590001	DOCUMENTATION PACKAGE	1
1590007	LIST - BAG CONTENTS - 1590006	1
2360036	BAG - PACKING	1



TABLE 23. BAG ASSEMBLY 4670003 - DOMESTIC
(USED ON MODELS 467, 468)

PARTNUMBER	DESCRIPTION	QTY.
WD467000	WIRING DIAGRAM - SNACK WITH GUM & MINT - 115V	1
1470041	PLASTIC BAG	1
1477015	ROLL - PRICE DOLLARS	2
1477076	LABEL - ITEM LETTERS - A0/A9	1
1477077	LABEL - ITEM LETTERS - B0/B9	1
1477078	LABEL - ITEM LETTERS - C0/C9	1
1477079	LABEL - ITEM LETTERS - D0/D9	1
1477080	LABEL - ITEM LETTERS - E0/E9	1
1477081	LABEL - ITEM LETTERS - F0/F9	1
1477083	RETAINER - SPIRAL - WALL	10
4670001	DOCUMENTATION PACKAGE	1
2360036	BAG PACKING	1
4612001	DECAL - "CHILLED FOR FRESHNESS"	1
4670004	LIST - BAG ASSEMBLY 4670003 CONTENTS	1
1592023	LABEL - INSTR - PRICE SET - PAYOUT	1



TABLE 24. BAG ASSEMBLY 4900003 - DOMESTIC
(USED ON MODEL 490 WITH CAN MODULE)

PARTNUMBER	DESCRIPTION	QTY.
WD490000	WIRING DIAGRAM - SNACK - 3 TRAY - 115V DOMESTIC	1
WD490002	WIRING DIAGRAM - CAN MODULE WITH GUM & MINT - ALL VOLTAGE	1
1477014	ROLL-PRICE CENTS	10
1477015	ROLL - PRICE DOLLARS	14
1477076	LABEL - ITEM LETTERS - A0/A9	1
1477077	LABEL - ITEM LETTERS - B0/B9	1
1477078	LABEL - ITEM LETTERS - C0/C9	1
1477079	LABEL - ITEM LETTERS - D0/D9	1
1477080	LABEL - ITEM LETTERS - E0/E9	1
1477081	LABEL - ITEM LETTERS - F0/F9	1
1477083	RETAINER - SPIRAL - WALL	10
2360036	BAG PACKING	2
4742011	LABEL - INSTR - PRICE SET - PAYOUT	1
4747091	FLAVOR STRIPS - 10	1
4747097	PRODUCT ID LABEL FLAVOR STRIP INST	1
5920012	BAG - PLASTIC - 12" X 15"	1
4900001	DOCUMENTATION PACKAGE	1
4900004	LIST - BAG ASSEMBLY 4900003 CONTENTS	1



TABLE 25. BAG ASSEMBLY 4900005 - DOMESTIC
(USED ON MODEL 490 WITH REFRIGERATED FOOD MODULE)

PARTNUMBER	DESCRIPTION	QTY.
WD490000	WIRING DIAGRAM - SNACK - 3 TRAY - 115V DOMESTIC	1
WD484003	WIRING DIAGRAM - COLD FOOD MODULE	1
1170057	CARD - CUSTOMER RESPONSE	1
1477014	ROLL - PRICE CENTS	10
1477015	ROLL - PRICE DOLLARS	14
1477076	LABEL - ITEM LETTERS - A0/A9	1
1477077	LABEL - ITEM LETTERS - B0/B9	1
1477078	LABEL - ITEM LETTERS - C0/C9	1
1477079	LABEL - ITEM LETTERS - D0/D9	1
1477080	LABEL - ITEM LETTERS - E0/E9	1
1477081	LABEL - ITEM LETTERS - F0/F9	1
1477083	RETAINER - SPIRAL - WALL	10
2360036	BAG PACKING	3
4900001	DOCUMENTATION PACKAGE	1
4900006	LIST - BAG ASSEMBLY 4900005 CONTENTS	1
5920012	BAG - PLASTIC - 12 X 15	1



TABLE 26. BAG ASSEMBLY 4930007 - REFRIGERATED/FROZEN FOOD - DOMESTIC
(USED ON MODEL 493 WITH REFRIGERATED FOOD MODULE)

PARTNUMBER	DESCRIPTION	QTY.
WD484000	WIRING DIAGRAM - SNACK - 3 TRAY - 115V DOMESTIC	1
WD484003	WIRING DIAGRAM - COLD FOOD MODULE	1
WD485000	WIRING DIAGRAM - HOT DRINK MODULE	1
1477014	ROLL - PRICE CENTS	10
1477015	ROLL - PRICE DOLLARS	11
1477076	LABEL - ITEM LETTERS - A0/A9	1
1477077	LABEL - ITEM LETTERS - B0/B9	1
1477078	LABEL - ITEM LETTERS - C0/C9	1
1477079	LABEL - ITEM LETTERS - D0/D9	1
1477080	LABEL - ITEM LETTERS - E0/E9	1
1477081	LABEL - ITEM LETTERS - F0/F9	1
1477083	RETAINER - SPIRAL - WALL	10
1592023	LABEL - INS/PRICE ST - PAYOUT - ENG	1
2360036	BAG - PACKING	3
3158008	ELBOW WITH TAPE ASSEMBLY	1
3158026	LABEL - EVERPURE - SMALL - 7001-07	1
4612001	DECAL - "CHILLED FOR FRESHNESS"	1
4930006	DOCUMENTATION PACKAGE	1
4930008	LIST - BAG ASSEMBLY 4930007 CONTENTS	1
5920012	BAG - PLASTIC - 12 X 15	1



TABLE 27. BAG ASSEMBLY 4930004 - CAN / NO CAN OPTION - DOMESTIC
(USED ON MODEL 493 WITH ALL TRAYS OR WITH CAN MODULE)

PARTNUMBER	DESCRIPTION	QTY.
WD484000	WIRING DIAGRAM - SNACK - 3 TRAY - 115V DOMESTIC	1
WD484009	WIRING DIAGRAM - CAN MODULE WITH GUM & MINT - ALL VOLTAGE	1
WD485000	WIRING DIAGRAM - HOT DRINK MODULE	1
1170057	CARD - CUSTOMER RESPONSE	1
1477015	ROLL - PRICE DOLLARS	2
1477076	LABEL - ITEM LETTERS - A0/A9	1
1477077	LABEL - ITEM LETTERS - B0/B9	1
1477078	LABEL - ITEM LETTERS - C0/C9	1
1477079	LABEL - ITEM LETTERS - D0/D9	1
1477080	LABEL - ITEM LETTERS - E0/E9	1
1477081	LABEL - ITEM LETTERS - F0/F9	1
1477083	RETAINER - SPIRAL - WALL	10
2360036	BAG - PACKING	2
3158008	ELBOW WITH TAPE ASSEMBLY	1
3158026	LABEL - EVERPURE - SMALL - 7001-07	1
4742011	LABEL - INSTR - PRICE SET - PAYOUT	1
4747091	FLAVOR STRIPS - 10	1
4747097	PRODUCT ID LABEL / FLAОВR STRIP INST	1
4752148	LABEL - COVER UP - H.W. - U.K. (ONLY IF UNIT HAS CHOCOLATE SELECTION)	1
4770039	BAG - PLASTIC - 10"X13"	1
4930006	DOCUMENTATION PACKAGE	1
4930005	LIST - BAG ASSEMBLY 4930004 CONTENTS	1

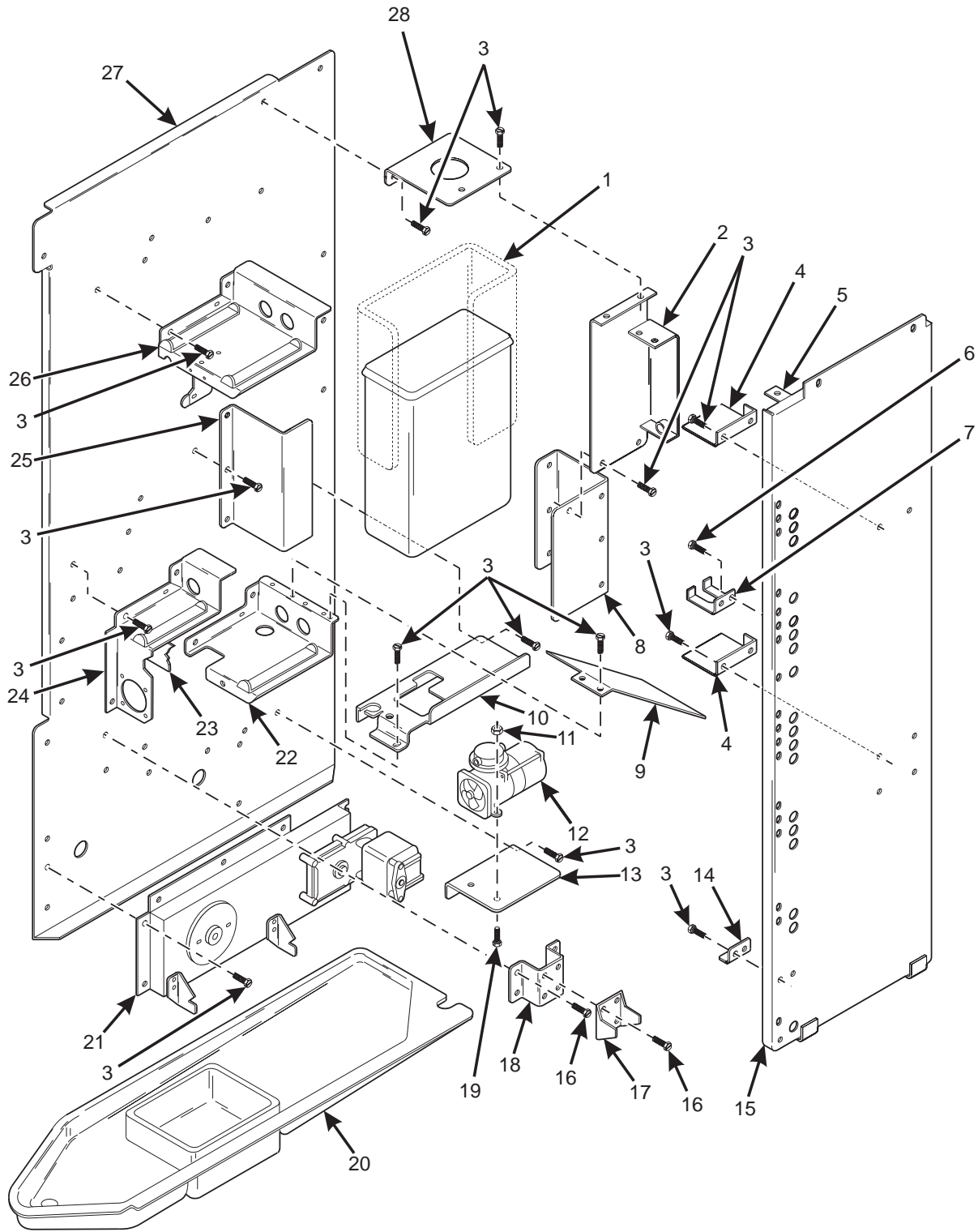


Figure 28. Hot Drink Module (Model 493)

TABLE 28. HOT DRINK MODULE (MODEL 493)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4731078	INSULATION-WATER TANK	1
2	4751019	COUPLING & BRACKET ASSY	1
3	3157060	SCREW-#8-32 X .31 HEX W/ HD. SLOTTED-T/F-ZINC PL	-
4	4731017	SUPPORT-SHELVES	2
5	4751071	ANGLE-SUPPORT-LINER	1
-	1451097	SCREW-#8-32X.31 HEX HD.TF-BLK.	2
6	9900106	SCREW #8-32 X 3/8 ACORN HEX HD S/TA	2
7	6111056	BRACKET SPRAY HOSE MOUNTING (OPTIONAL)	1
8	4731120	RETAINER-TANK-REAR	1
9	4731077	SHIELD-WATER	1
10	4751021	SHELF-WATER TANK	1
11	9900081	NUT - #8-32 KEPS - ZINC PLATE	2
12	6154280	COMPRESSOR ASSEMBLY - AIR	1
13	4731074	BRACKET - COMPRESSOR	1
14	4751072	BRACKET-LATCH	1
15	4791004	LINER ASSY-L.H.-FD	1
16	1141046	SCREW #10-32 X 3/8, ACORN, HEX W/HD	3
17	6504209	HANGER - BREWER	1
18	4731080	BRACKET - BREWER HANGER	1
19	9900115	SCREW - #8-32 X 3/4 RHS	2
20	4781005	TRAY-CENTER PAN	1
21	4731282	DRIVE ASSEMBLY - BREWER (SEE FIGURE 43)	1
22	4751033	SHELF ASSEMBLY - COFFEE (SEE FIGURE 29)	-
23	4751073	BRACKET AND CONTROL ASSEMBLY	1
24	-	SHELF ASSEMBLY - CHOCOLATE (SEE FIGURE 30)	-
25	4761095	RETAINER - TANK	1
26	-	DRY INGREDIENT SYSTEM (SEE FIGURES 31 AND 32)	-
27	4751264	PANEL-COFFEE MODULE	1
28	4731346	BLOWER & MOUNTING ASSEMBLY	1

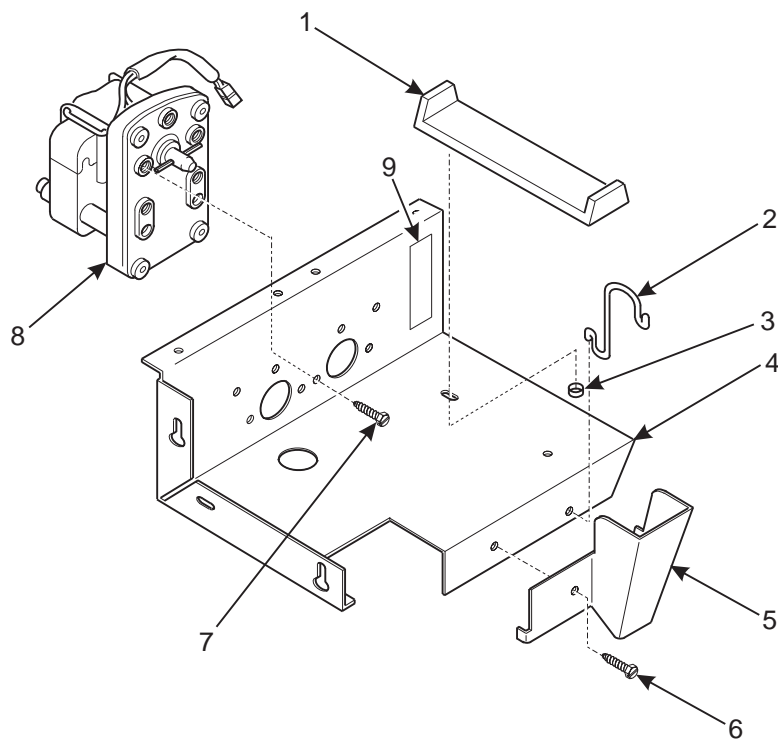


Figure 29. Coffee Shelf Assembly



TABLE 29. COFFEE SHELF ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4751033	COFFEE SHELF ASSEMBLY	1
1	6157037	LOCATOR - CANISTER	1
2	6207003	RETAINER - CANISTER - R.H.	1
3	2366055	SPEED CLIP - COMPRESSION RING	2
4	4751022	SHELF - CANISTER - COFFEE	1
5	4751035	CHUTE - COFFEE	1
6	1451097	SCREW - #8-32X.31 HEX HD.TF - BLK.	1
7	9900138	SCREW #8-32 X 1/4 PHS W/LKW	3
8	4731059	MOTOR - 200 RPM	1
9	6187007	LABEL - COFFEE	1

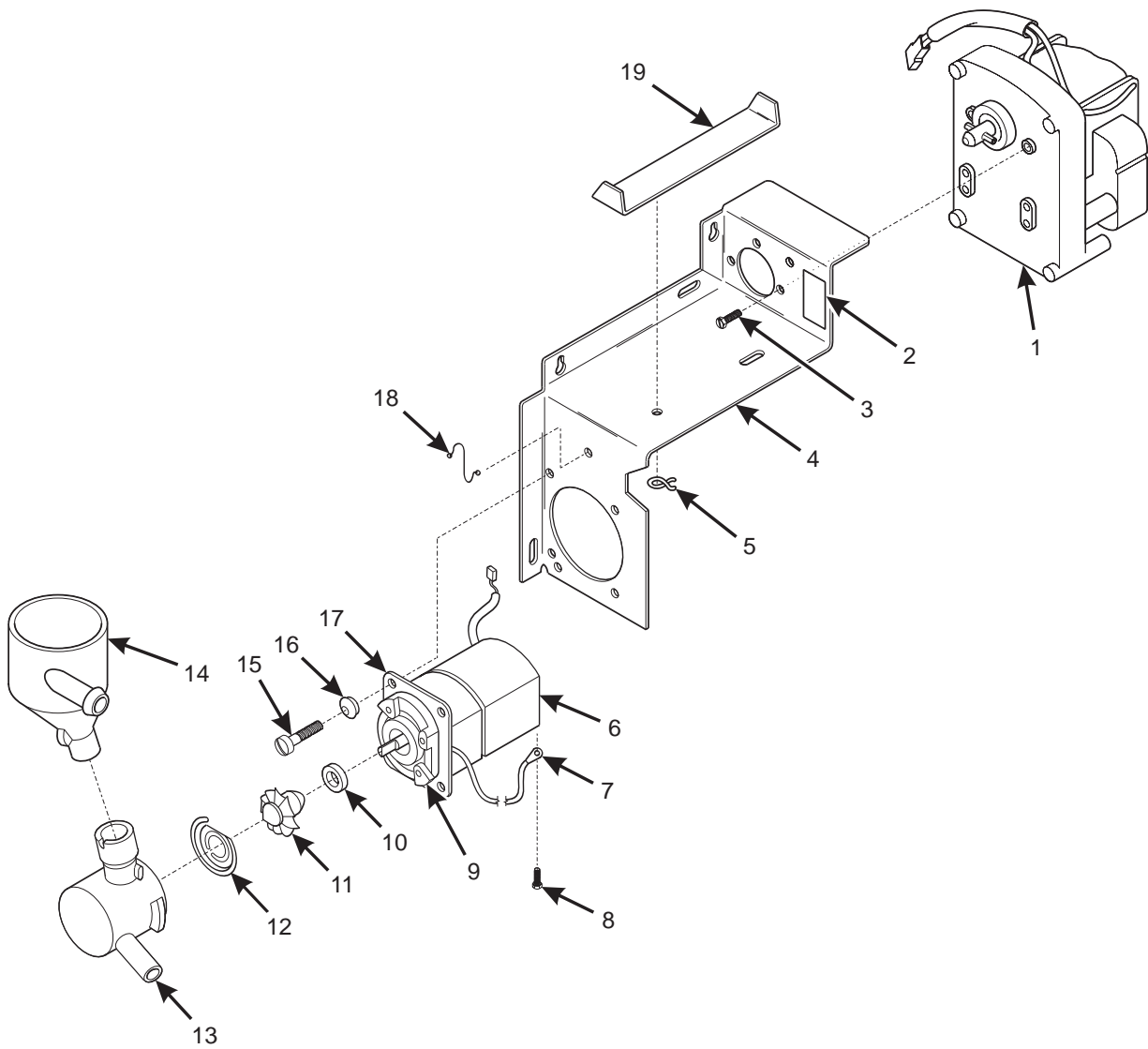


Figure 30. Chocolate Shelf Assembly

TABLE 30. CHOCOLATE SHELF ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4751064	SHELF ASSEMBLY - CHOCOLATE	-
1	4731059	MOTOR ASSEMBLY - 200 RPM	1
2	6137074	LABEL - CHOCOLATE	1
3	9900138	SCREW #8 - 32 X 1/4 PHS W/LKW	3
4	4751056	SHELF - CANISTER - CHOCOLATE	1
5	2366055	SPEED CLIP - COMPRESSION RING	2
6	6107185	MOTOR ASSEMBLY - CHOCOLATE WHIPPER	1
7	9984165	JUMPER - GROUND WIRE	1
8	3157060	SCREW - #8 - 32 X .31 HEX W/ HD. SLOTTED - T/F	1
9	6107191	MOUNTING PLATE - IMPELLER HOUSING ASSEMBLY	1
-	6107244	SCREW #6 - 32 X 9/16 PHS W/LW (ATTACHING PART FOR INDEX NUMBER 9)	4
10	6107194	BUSHING - SEAL	1
11	6107197	IMPELLER	1
12	6107198	THRUST SPRING ASSEMBLY	1
13	6107195	HOUSING - IMPELLER	1
14	6137114	FUNNEL	1
15	6157057	SCREW - SHOULDER	4
16	2302223	GROMMET - 3/16	4
17	6157055	PLATE ASSEMBLY - MTG - WHIPPER MOTOR	1
-	6107241	SCREW #8 - 32 X 5/16 PHS W/LW SS (ATTACHING PART FOR INDEX NUMBER 17)	4
18	6207003	RETAINER - CANISTER - R.H.	1
19	3617032	CANISTER LOCATOR	1

THE FOLLOWING IS AVAILABLE AS AN ASSEMBLY:

PART NUMBER	DESCRIPTION
6157054	MOTOR & PLATE ASSEMBLY - CHOCOLATE WHIPPER (CONSISTS OF INDEX NUMBERS 6, 7, 9, 16, 17, AND ATTACHING PARTS)

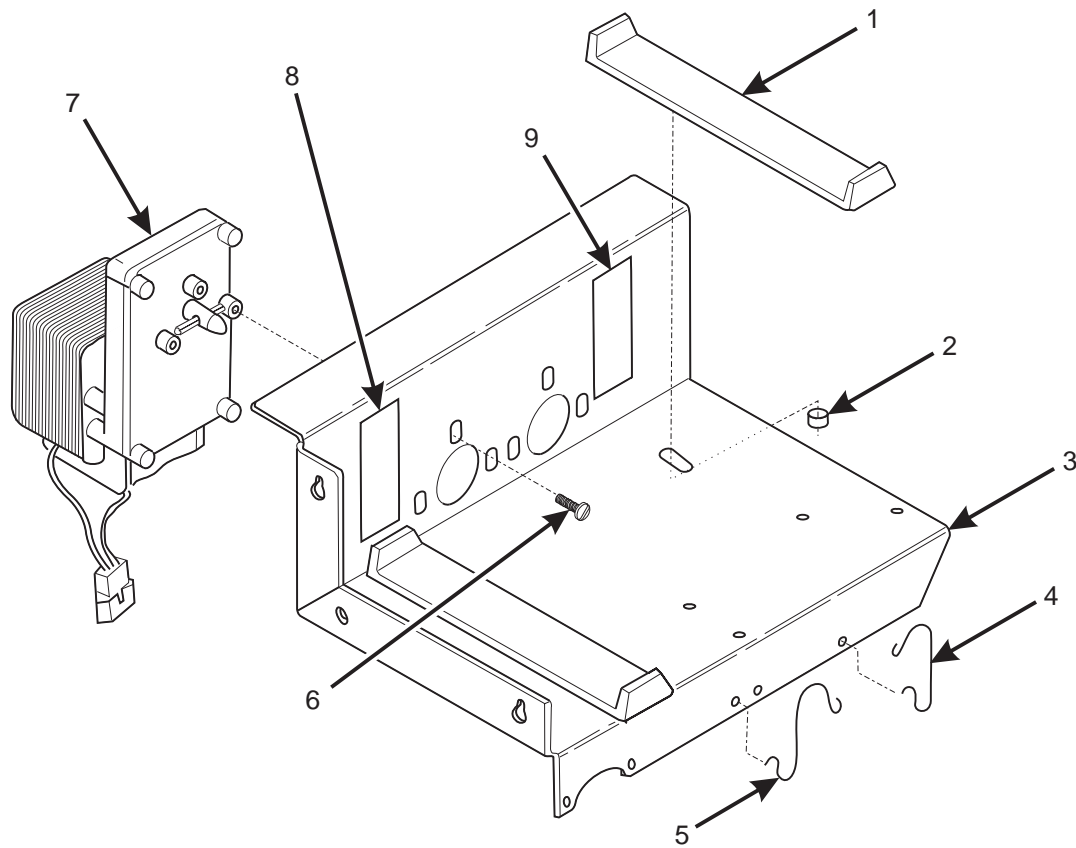


Figure 31. Dry Ingredient (Sugar/Lightener) Shelf Assembly



TABLE 31. DRY INGREDIENT (SUGAR/LIGHTENER) SHELF ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4751062	DRY INGREDIENTS SHELF ASSEMBLY	1
1	6157037	LOCATOR - CANISTER	2
2	2366055	SPEED CLIP - COMPRESSION RING	4
3	4761154	SHELF - CANISTER	1
4	6207004	RETAINER - CANISTER - L.H.	1
5	6207004	RETAINER - CANISTER - L.H.	1
6	9900138	SCREW #8-32 X 1/4 PHS W/LKW	6
7	4731059	MOTOR - 200 RPM	2
8	6137077	LABEL - LIGHTENER	1
9	6137076	LABEL - SUGAR	1

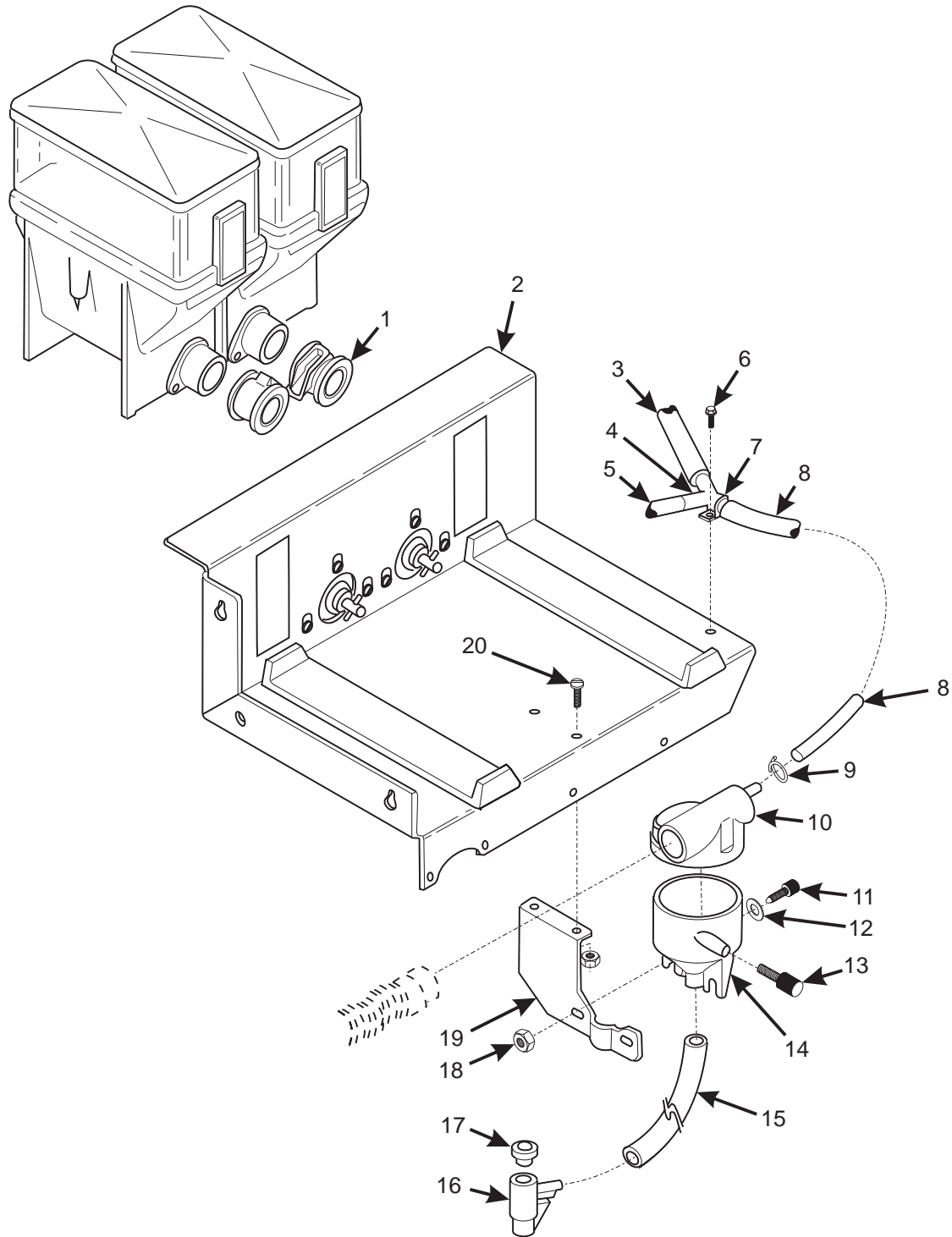


Figure 32. Sugar/Lightener Dispensing System (Model 493)



TABLE 32. SUGAR/LIGHTENER DISPENSING SYSTEM (MODEL 493)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	6157002	NOZZLE - CHUTE	2
2	4751062	DRY INGREDIENTS SHELF ASSEMBLY	1
3	4731203	TUBE - .75 O.D.X .50 I.D.X 32"	1
4	6158073	RESTRICTOR & "Y" ASSEMBLY	1
5	4731337	TUBE - .44 O.D.X.25 I.D.X 32.5"	1
6	3106144	CABLE CLAMP RICHCO#N9B	1
7	1451097	SCREW - #8-32X.31 HEX HD.TF - BLK.	1
8	6338021	TUBE - .38 I.D.X.56 O.D.X 4.50"	1
9	6111054	CLAMP - HOSE 19/32	1
10	3617033	VENT ASSEMBLY	1
11	2206028	THUMB SCREW - SIDEWALL	2
12	6114121	WASHER - ROLLER	2
13	6134192	PLUG - BREWER MANIFOLD	1
14	6187001	MIXING BOWL - COFFEE	1
15	-	TUBE - 6338021 - 24.0"	1
16	6117010	SPOUT - DISPENSING	1
17	4711020	CAPLUG - SPOUT - NATR'L	1
18	9900081	NUT #8-32 KEPS ZINC PLATE	2
19	4751027	BRACKET - MOUNTING - BOWL	1
20	9900168	SCREW #8-32 X 3/8 THS	2

THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES

4731208	"Y" ASSEMBLY (CONSISTS OF INDEX NUMBERS 3 - 5, 8)
4731322	MIXING BOWL & BRACKET ASSEMBLY (CONSISTS OF INDEX NUMBERS 10 - 19)

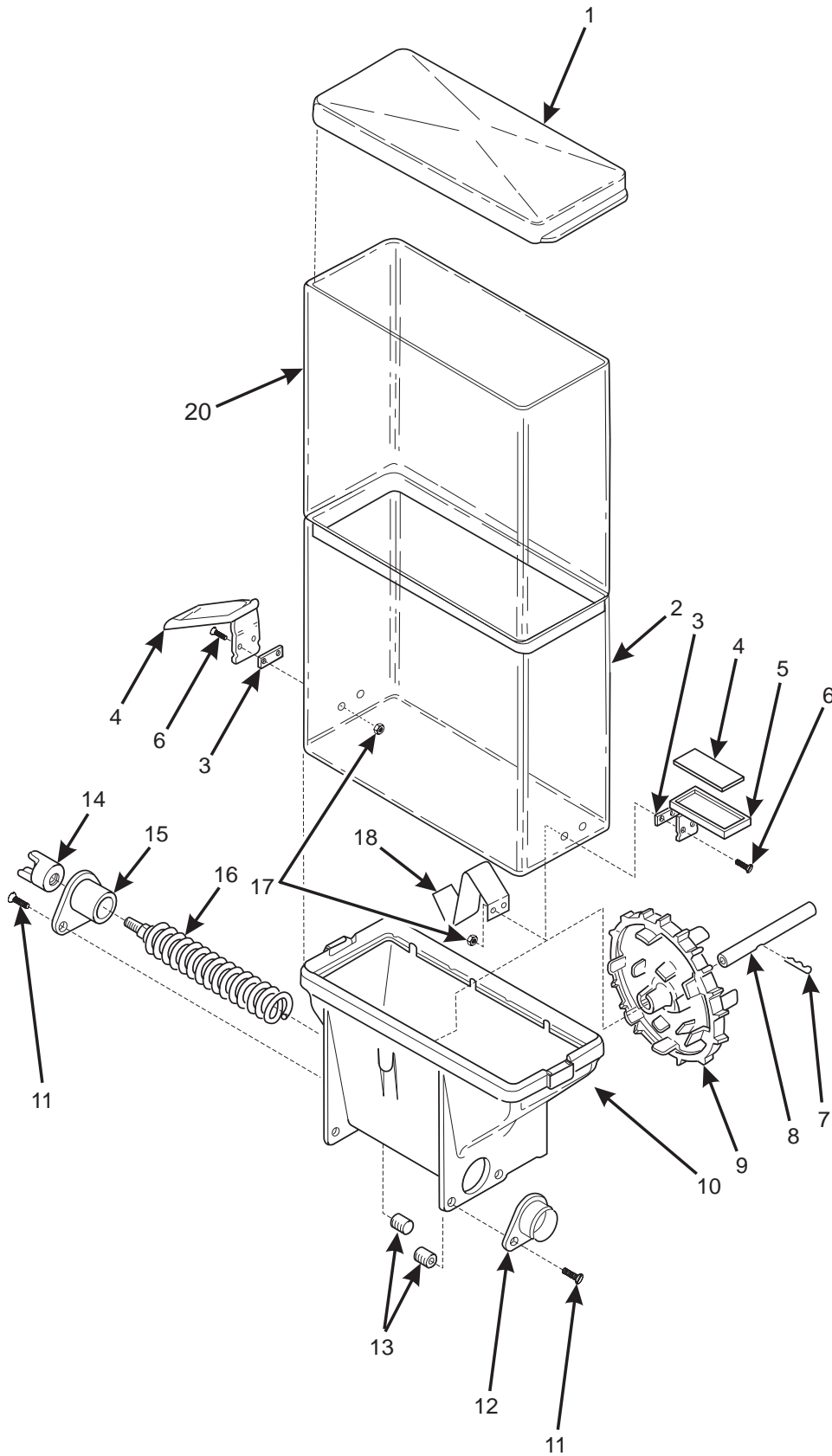


Figure 33. Fresh Brew Coffee Canister Assembly

TABLE 33. FRESH BREW COFFEE CANISTER ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4731125	CANISTER ASSEMBLY - COFFEE - FRESH BREW	-
1	6137030	LID - CANISTER	1
2	6157016	TUBE - CANISTER - 10 IN	1
3	6137023	SPACER - CANISTER LATCH	2
4	6187007	LABEL - COFFEE	1
5	6137053	DRAW CATCH #07-0-1531312	2
6	6137099	SCREW #6-32 X 9/16 FLAT HEAD	4
7	6134030	PIN - HITCH WW CLIP #22 TYPE 302 SS	1
8	6137038	TUBE - MIXING WHEEL	1
9	6137024	MIXING WHEEL	1
10	6137004	CANISTER BASE - TEA & LIGHTENER	1
11	9900027	SCREW #8-32 X 1/2 FHS	4
12	6154261	SPOUT	1
13	9900214	NUT - KNURL - CANISTER	4
14	6107041	AUGER - DRIVE COUPLING	1
15	6137035	BEARING - DISPENSING	1
16	6204513	AUGER & SHAFT ASSEMBLY	1
17	6137100	NUT - ACORN #6-32	4
18	6207540	AGITATOR - CANISTER - LONG	1

THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES

6207539	TUBE ASSEMBLY - CANISTER (CONSISTS OF INDEX NUMBERS 2, 3, 5, 6, 17, 18)
6204512	AUGER ASSEMBLY (CONSISTS OF INDEX NUMBERS 14 - 16)

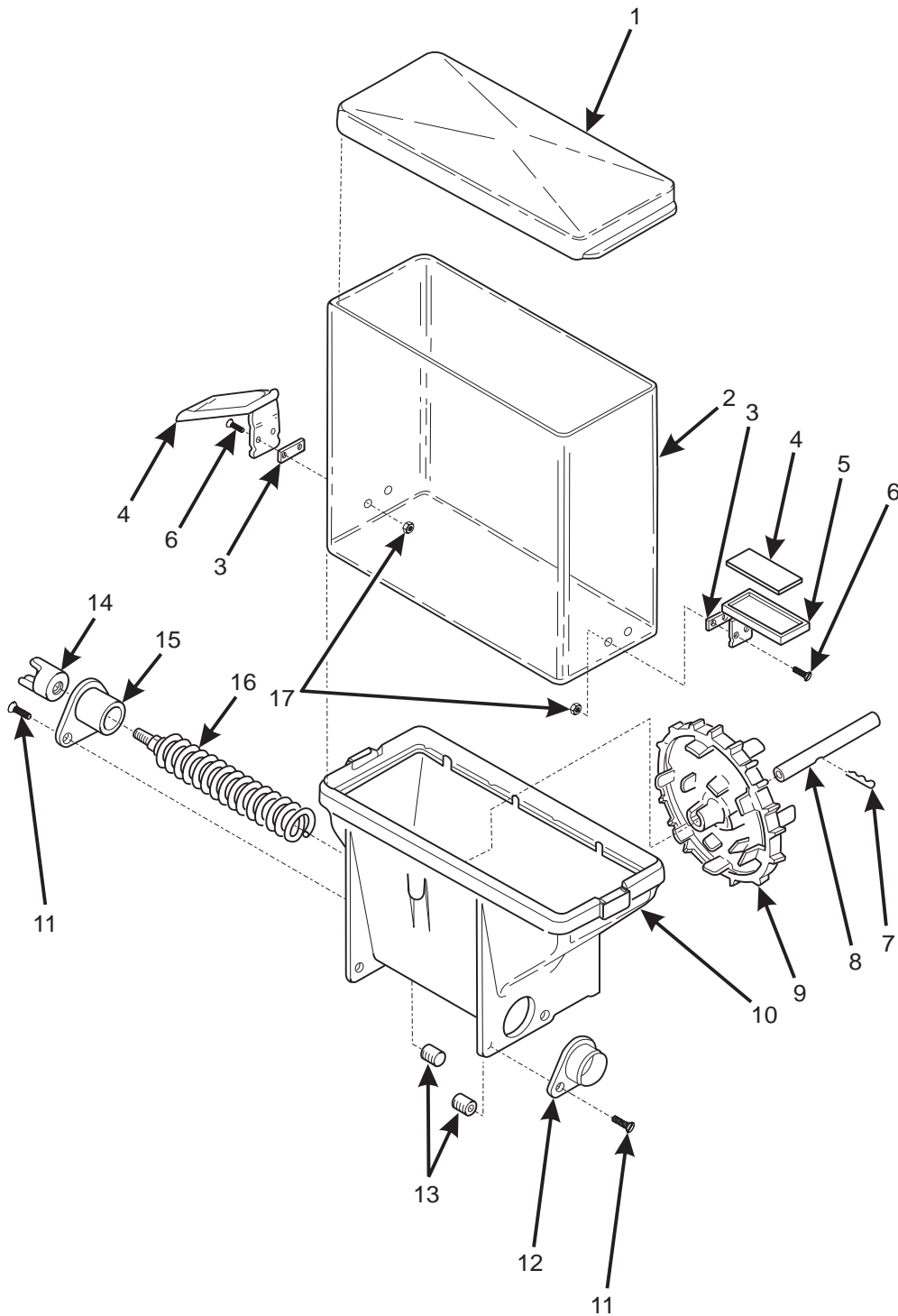


Figure 34. Chocolate Canister Assembly

TABLE 34. CHOCOLATE CANISTER ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4731311	CANISTER ASSEMBLY - CHOCOLATE	-
1	6137030	LID CANISTER	1
2	6157026	TUBE - CANISTER - 5 IN	1
3	6137023	SPACER - CANISTER LATCH	2
4	6137074	LABEL - CHOCOLATE	1
5	6137053	DRAW CATCH #07-0-1531312	2
6	6137099	SCREW #6-32 X 9/16 FLAT HEAD	4
7	6134030	PIN - HITCH WW CLIP #22 TYPE 302 SS	1
8	6137038	TUBE - MIXING WHEEL	1
9	6137024	MIXING WHEEL	1
10	6137005	CANISTER BASE - SUGAR & CHOCOLATE	1
11	9900027	SCREW #8-32 X 1/2 FHS	4
12	6137034	SPOUT - SOUP DISPENSING	1
13	9900214	NUT - KNURL - CANISTER	4
14	6107041	AUGER - DRIVE COUPLING	1
15	6137035	BEARING - DISPENSING	1
16	6204513	AUGER & SHAFT ASSEMBLY	1
17	6137100	NUT - ACORN #6-32	4

THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES

6157029	TUBE ASSEMBLY - CANISTER - 5 INCH (CONSISTS OF INDEX NUMBERS 2, 3, 5, 6, 17)
6204512	AUGER ASSEMBLY (CONSISTS OF INDEX NUMBERS 14 - 16)

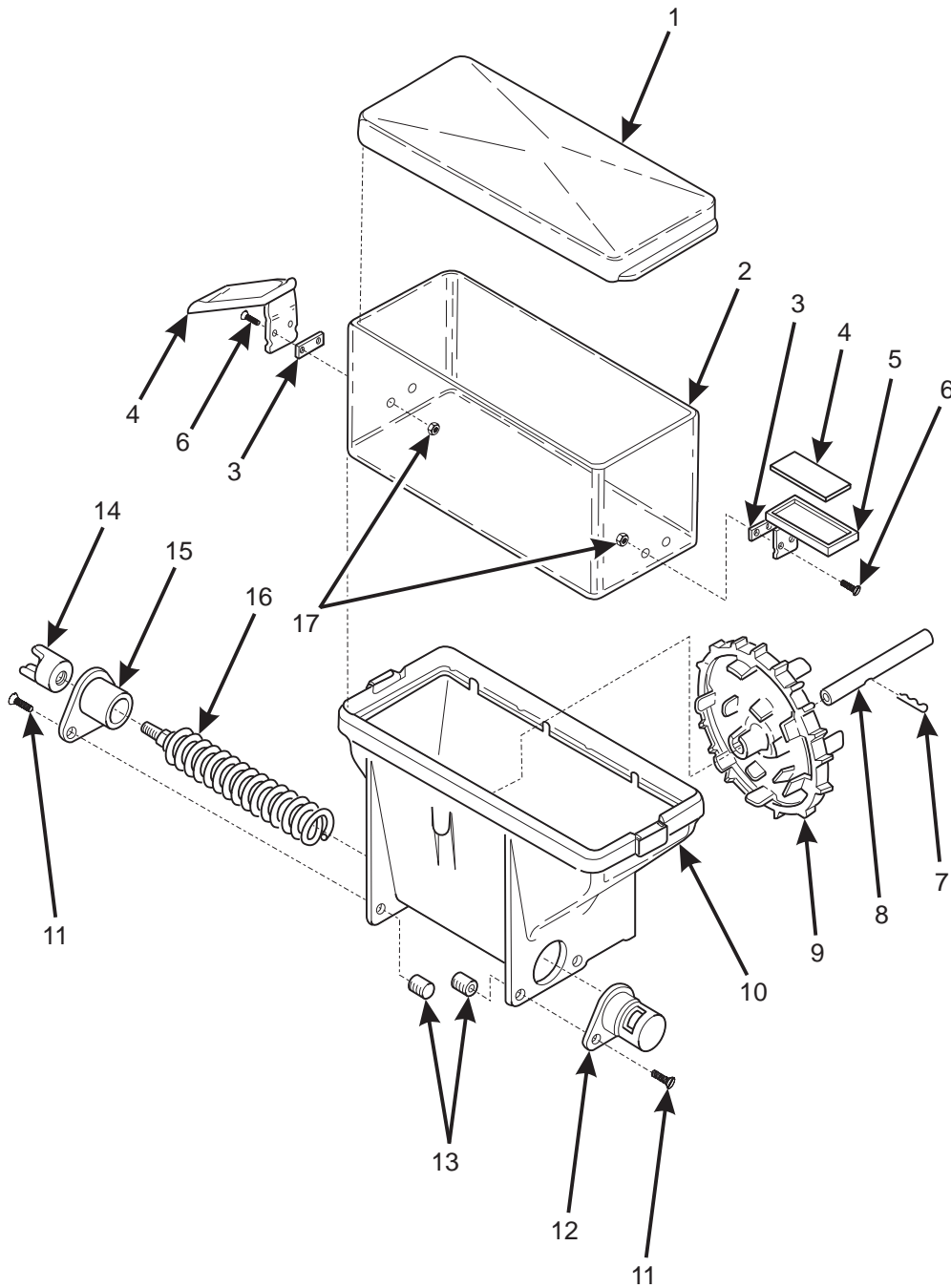


Figure 35. Sugar Canister Assembly

TABLE 35. SUGAR CANISTER ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4731129	CANISTER ASSEMBLY - LIGHTENER	1
1	6137030	LID - CANISTER	1
2	4731128	TUBE - 3"CANISTER	1
3	6137023	SPACER - CANISTER LATCH	2
4	6137076	LABEL - SUGAR	1
5	6137053	DRAW CATCH	2
6	6137099	SCREW #6-32 X 9/16 FLAT HEAD	4
7	6134030	PIN - HITCH WW CLIP #22 TYPE 302 SS	1
8	6137038	TUBE - MIXING WHEEL	1
9	6137024	MIXING WHEEL	1
10	6137004	CANISTER BASE - TEA & LIGHTENER	1
11	9900027	SCREW #8-32 X 1/2 FHS	4
12	6157019	SPOUT - DISPENSING CHUTE	1
13	9900214	NUT - KNURL - CANISTER	4
14	6107041	AUGER DRIVE COUPLING	1
15	6137035	BEARING - DISPENSING	1
16	6137131	AUGER & SHAFT ASSEMBLY	1
17	6137100	NUT - ACORN #6-32	4

THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES

4731127	TUBE ASSEMBLY - 3" CANISTER (CONSISTS OF INDEX NUMBERS 2, 3, 5, 6, 17)
6137128	AUGER ASSEMBLY (CONSISTS OF INDEX NUMBERS 14 - 16)

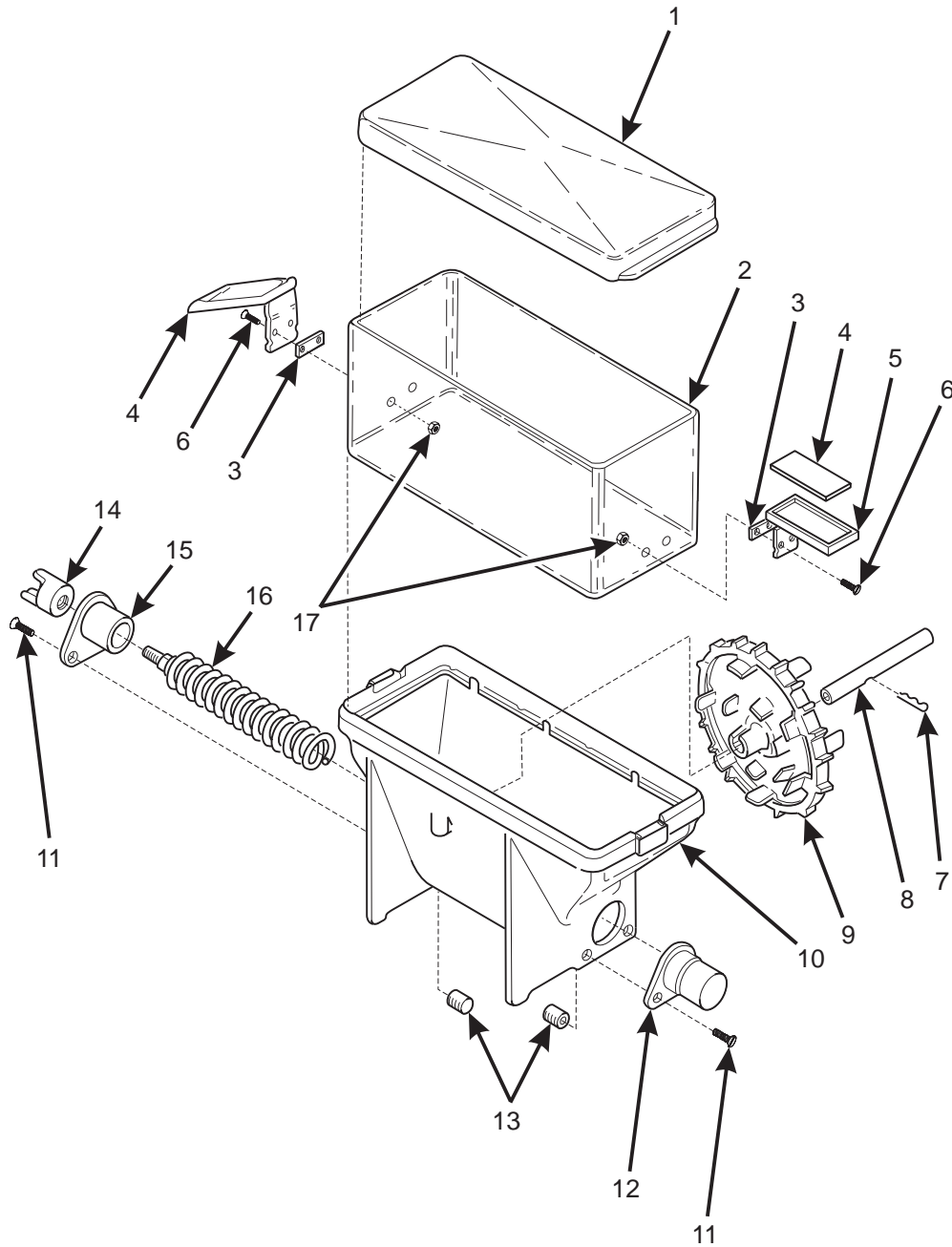


Figure 36. Lightener Canister Assembly

TABLE 36. LIGHTENER CANISTER ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4751061	CANISTER ASSEMBLY - LIGHTENER	1
1	6137030	LID - CANISTER	1
2	4731128	TUBE - 3"CANISTER	1
3	6137023	SPACER - CANISTER LATCH	2
4	6137077	LABEL - LIGHTENER	1
5	6137053	DRAW CATCH	2
6	6137099	SCREW #6-32 X 9/16 FLAT HEAD	4
7	6134030	PIN - HITCH WW CLIP #22 TYPE 302 SS	1
8	6137038	TUBE - MIXING WHEEL	1
9	6137024	MIXING WHEEL	1
10	6137005	CANISTER BASE - SUGAR & CHOCOLATE	1
11	9900027	SCREW #8-32 X 1/2 FHS	4
12	6157019	SPOUT - DISPENSING CHUTE	1
13	9900214	NUT - KNURL - CANISTER	4
14	6107041	AUGER DRIVE COUPLING	1
15	6137035	BEARING - DISPENSING	1
16	6137131	AUGER & SHAFT ASSEMBLY	1
17	6137100	NUT - ACORN #6-32	4

THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES

4731127	TUBE ASSEMBLY - 3" CANISTER (CONSISTS OF INDEX NUMBERS 2, 3, 5, 6, 17)
6137128	AUGER ASSEMBLY (CONSISTS OF INDEX NUMBERS 14 - 16)

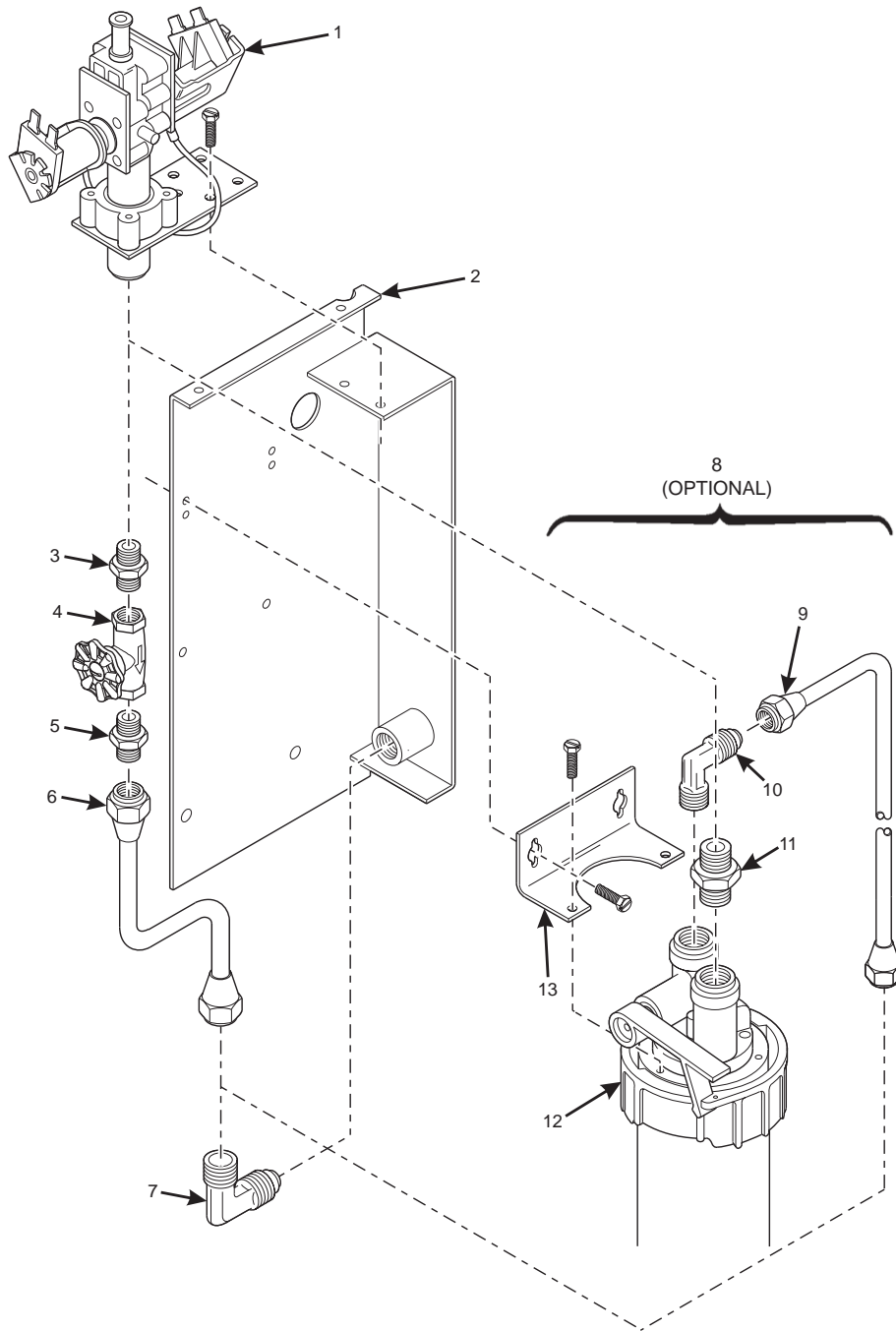


Figure 37. Water Inlet Assembly



TABLE 37. WATER INLET ASSEMBLY

INDEX	PARTNUMBER	DESCRIPTION	QTY.
-	4751034	INLET & VALVE ASSEMBLY	1
	1451097	SCREW - #8-32X.31 HEX HD. TF - BLK.	-
	9900163	SCREW #10-32 X 5/8 RHS T/C	-
1	3108045	VALVE WI VAL K19146 N/42	1
2	4711007	COUPLING & BRACKET ASSEMBLY	1
-	-	NO FILTER OPTION (INCLUDES INDEX NUMBERS 3 - 6)	OPT
3	6108082	REDUCING NIPPLE 1/4 IPS TO 3/8 IPS	1
4	3108048	VALVE WATER - CONBRACO #57-001-01 1/4" GLOBE VALVE	1
5	3128151	CONNECTOR - MALE - COUPLINGS 48CC, PH#48F-4-4, MALE 1/4 SAE FLX1/4	1
6	4731172	TUBE ASSEMBLY - CABINET TO STRAINER	1
7	3128150	ELBOW - MALE - COUPLINGS #49CE 1/4 SAE FLX 3/8 NPTF, P#149F-6-6	1
8	4751036	FILTER HEAD & BRACKET ASSEMBLY (INCLUDES INDEX NUMBERS 9 - 13)	1 (OPT)
9	6151037	TUBE ASSEMBLY - CABINET TO STRAINER	1
10	3128150	ELBOW - MALE - COUPLINGS #49CE 1/4 SAE FLX 3/8 NPTF, P#149F-6-6	2
11	3608201	NIPPLE - 3/8 NPTF - HEX #216P-6	1
12	3158022	HEAD - WATER FILTER - 9267-12 QC4	1
13	3158023	BRACKET - MOUNTING - WATER FILTER #3046-44	1

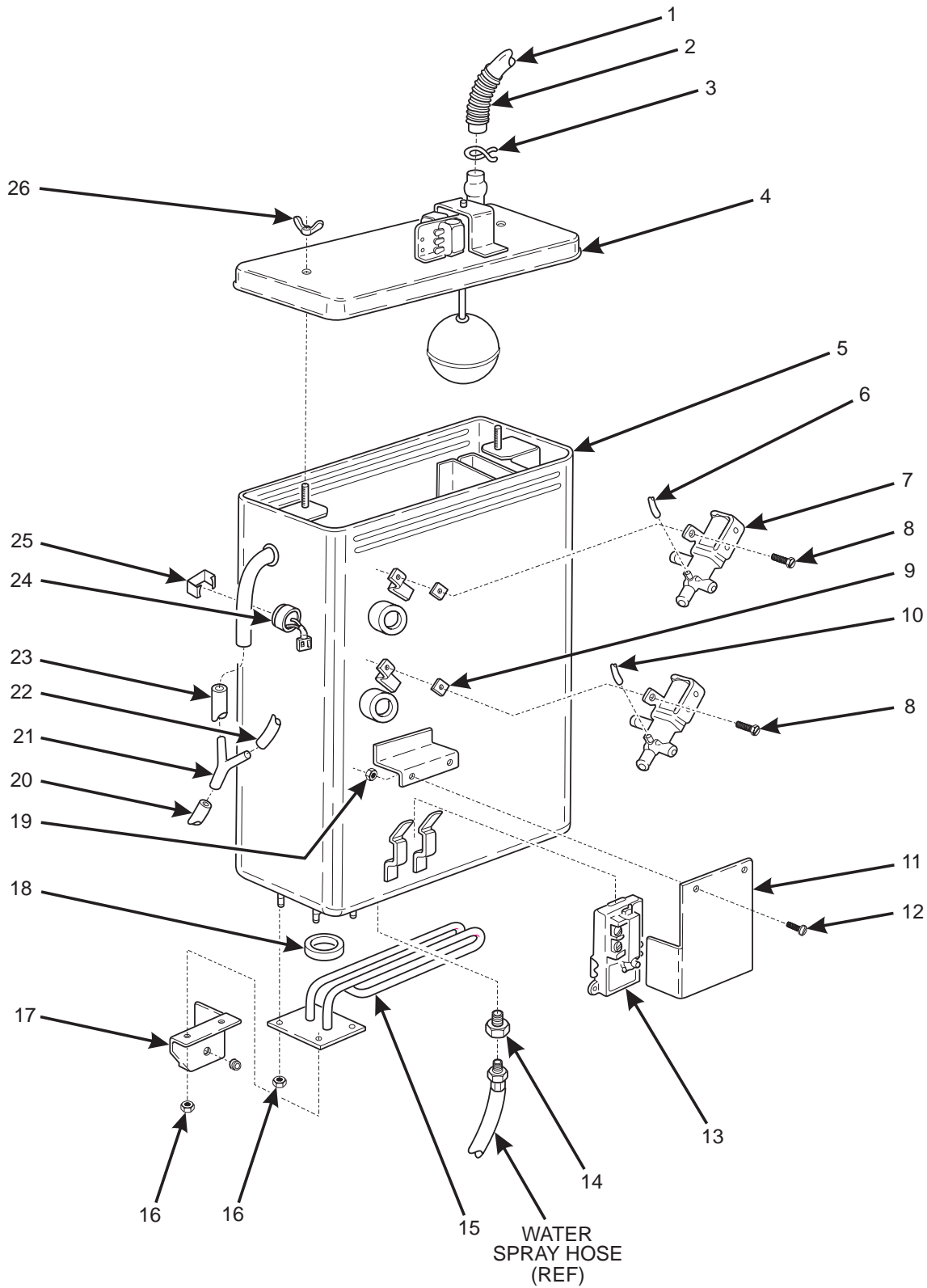


Figure 38. Water Tank Assembly



TABLE 38. WATER TANK ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4858000	WATER TANK ASSEMBLY	1
1	6508054	TUBE - 3106026 - 26.0"	1
2	3508126	COIL TUBE SUPPORT DRAIN	1
3	3106013	CLAMP - HOSE	2
4	6508031	TOP ASSEMBLY WATER TANK (SEE FIGURE 39 FOR DETAILS)	1
5	4858002	WELD ASSEMBLY - WATER TANK	1
6	6508057	TUBE - 6118106 - 5.75"	1
7	4751256	VALVE ASSEMBLY - HOT WATER TANK (SEE FIGURE 40)	2
8	4751272	SPACER - 475 - VALVE	2
9	6508056	TUBE - 6118106 - 10.5"	1
10	4731130	TUBE - 6108097 - 19.0"	1
11	6508044	COVER THERMOSTAT	1
12	6137183	SCREW - 8 - 32 X 1/2 PHS TC	2
13	6508004	THERMOSTAT CONTROL	1
14	4751087	BUSHING PARKER #209P - 4 - 2	1
15	4751241	HEATER - 1200 WATTS - 120 VOLTS	1
16	1211105	1/4 - 20 KEPS NUT EXT LW ZP	4
17	4751177	COVER - HEATER TERMINAL	1
18	6508006	GASKET HEATER	1
19	9900081	NUT #8 - 32 KEPS ZINC PLATE	2
20	4731117	TUBE - 3106026 - 16.0"	1
21	6158007	Y CONNECTOR - 1/2 OD X 3/8 ID	1
22	4731203	TUBE - .75 O.D.X .50 I.D.X 32"	1
23	4731116	TUBE - 3106026 - 9.5"	1
24	6338003	THERMOSTAT ASSEMBLY - AUTO RESET	1
25	4858001	CLAMP - THERMOSTAT - 1/2 O.D.	1
26	6158053	WING NUT .250 - 20 ZINC DIE CAST	2

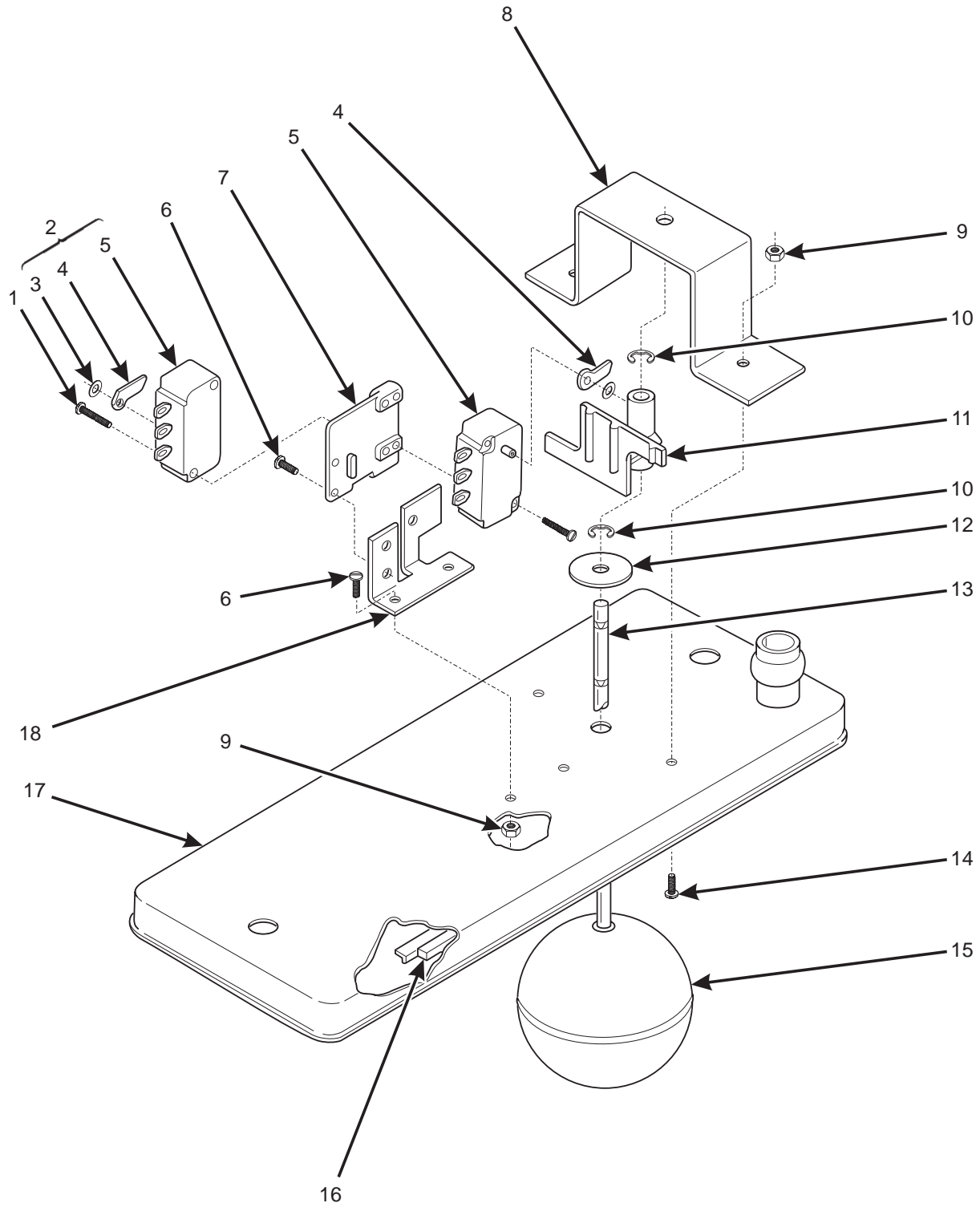


Figure 39. Water Tank Top Assembly



TABLE 39. WATER TANK TOP ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	6508031	TOP ASSEMBLY - WATER TANK	-
1	5201349	SCREW #4 40 X 11/16 RHS	4
2	6138123	SWITCH ASSY WATER FEEDER (INCLUDES INDEX NUMBERS 3 - 5)	2
3	1217162	RETAINER - PUSH ON - .125	1
4	6138027	ACTUATOR - SWITCH	1
5	3108146	SWITCH	1
6	6138159	#6-32X1/4 RHS MACH SCREW TY3	4
7	6138004	PLATE MOUNTING SWITCH	1
8	6138180	BRACKET SHAFT	1
9	6104429	KEPS NUT # 6-32 S.S. EXT LW	4
10	6124073	RETAINING RING REINF E TYP.1	2
11	6138183	ACTUATOR SWITCH	1
12	6138181	WASHER PLATE	1
13	6208057	SHAFT-FLOAT	1
14	6107244	SCREW #6-32 X 9/16 PHS W/LW	2
15	6508033	FLOAT WATER TANK	1
16	6508032	GASKET WATER TANK COVER	1
17	6508035	COVER ASSY WATER TANK WELD	1
18	6138175	BRACKET SWITCH MOUNTING	1

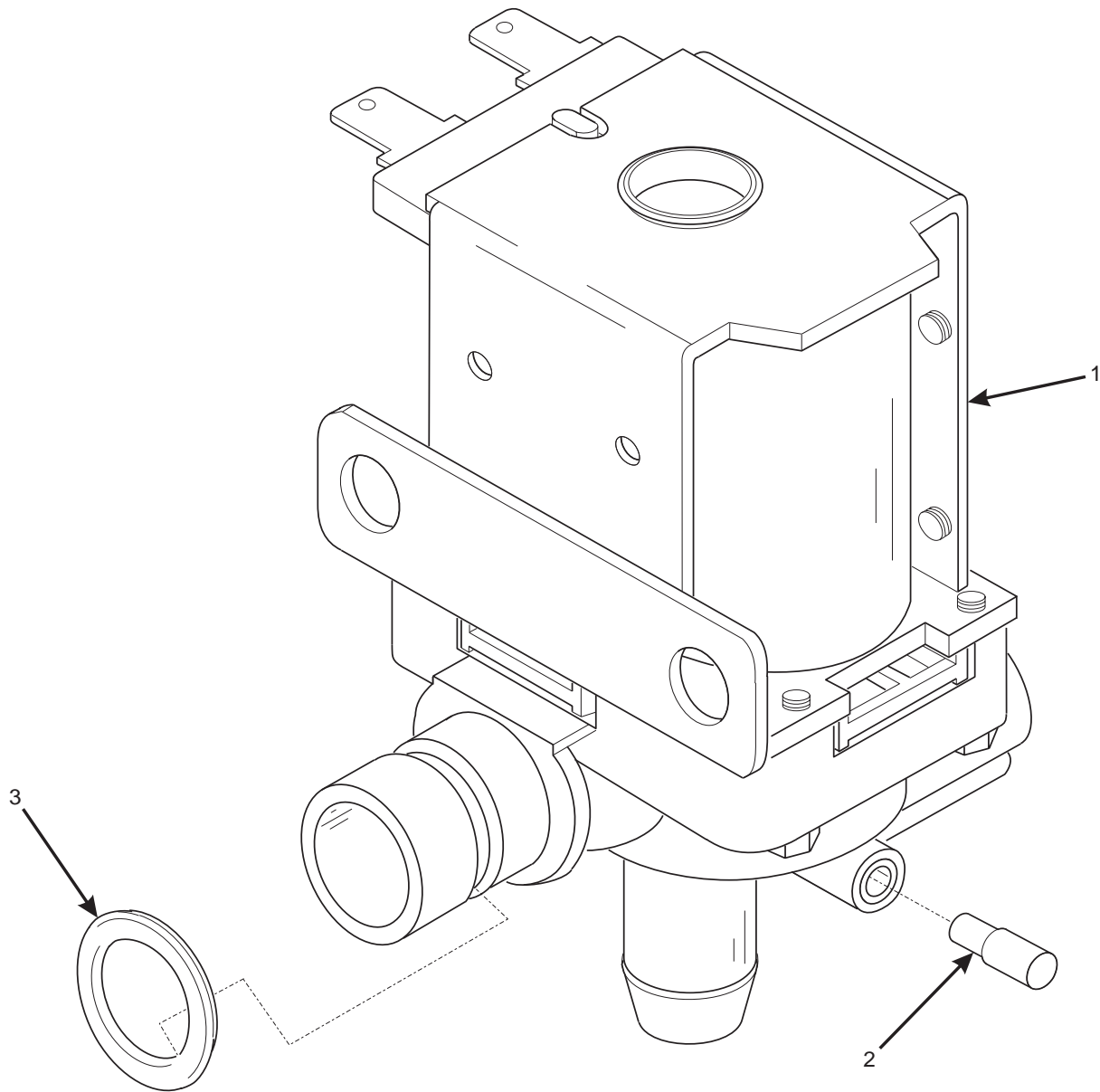


Figure 40. Valve Assembly - Hot Water Tank



TABLE 40. VALVE ASSEMBLY - HOT WATER TANK

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	6238111	VALVE - 120V - HWT GS-56, K56778-5 EATON (120V-50/60HZ-35W)	1
2	4751245	"O" RING - H.W.V.	1
3	6238198	INSERT TUBE - VALVE	1

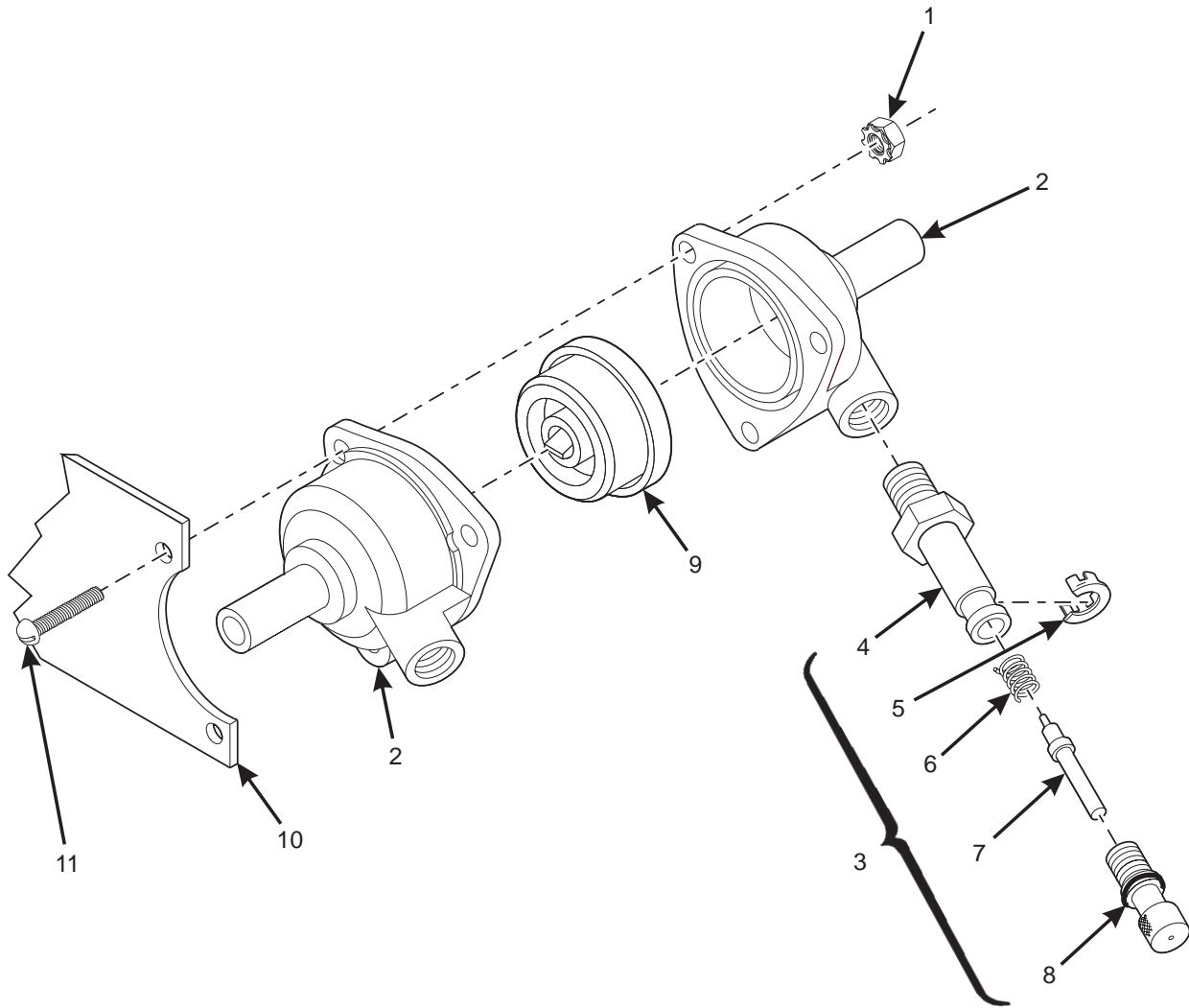


Figure 41. Bracket and Control Assembly



TABLE 41. BRACKET AND CONTROL ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4751073	BRACKET AND CONTROL ASSEMBLY	-
1	9900081	NUT #8-32 KEPS ZINC PLATE	3
2	6154214	BODY - REGULATOR	2
3	6154284	CONTROL ASSEMBLY (CONTAINS INDEX NUMBERS 4 - 8)	1
4	6154288	BODY - PRESSURE CONTROL	1
5	6154285	RETAINER - ADJUSTER	1
6	6154286	SPRING - PRESSURE CONTROL	1
7	6154287	PLUNGER - PRESSURE CONTROL	1
8	6154289	ADJUSTER ASSEMBLY (WITH "O" RING 6154232)	1
9	6204221	DIAPHRAGM AND VALVE ASSEMBLY	1
10	4751051	BRACKET - MTG. - REGULATOR	1
11	9900115	SCREW #8-32 X 3/4 RHS	3

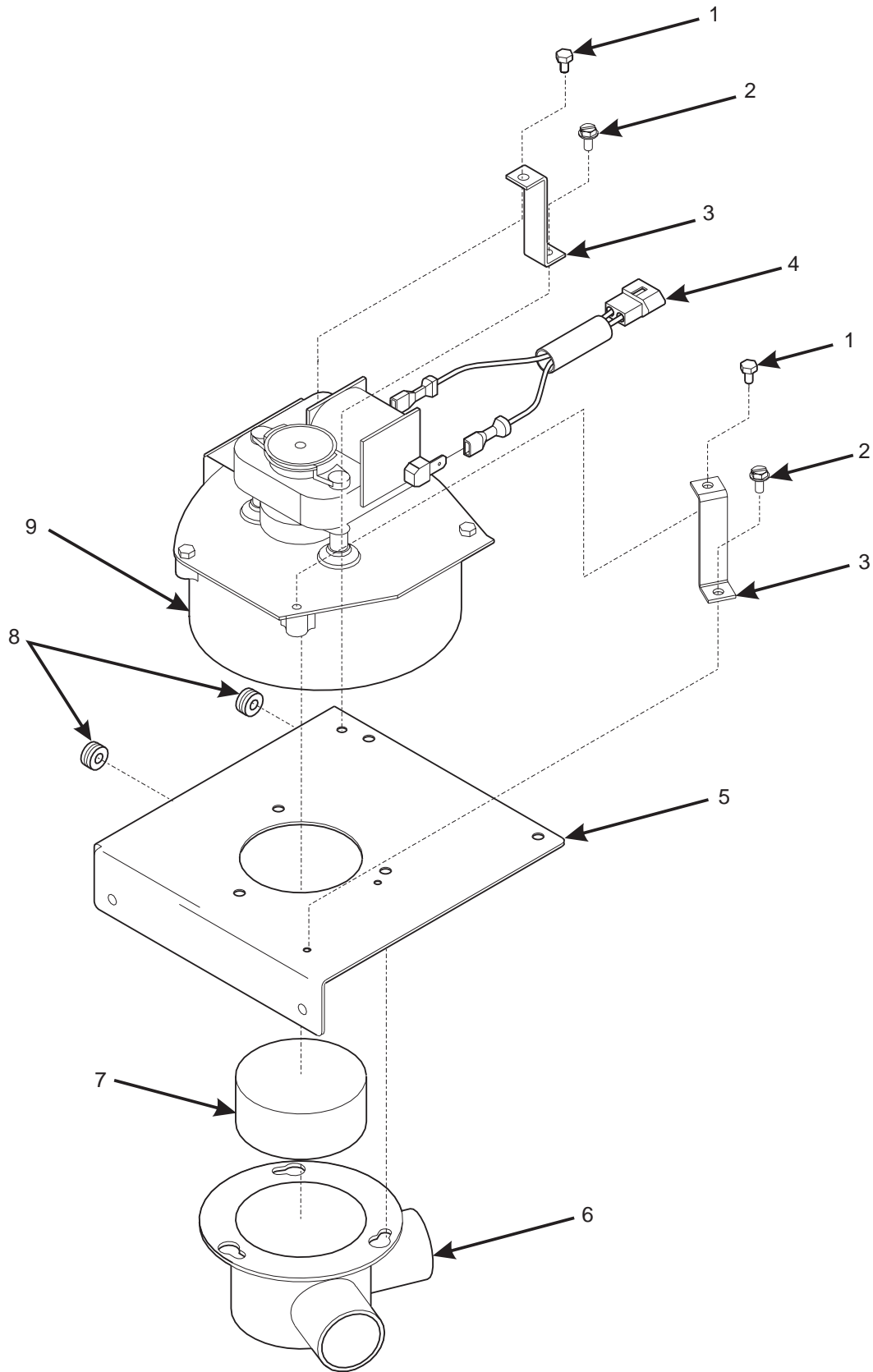


Figure 42. Blower and Mounting Assembly



TABLE 42. BLOWER AND MOUNTING ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4731346	BRACKET & BLOWER ASSEMBLY	1
1	1437204	SCREW - #8-10 X .38 HEX HD.TF	2
2	1451097	SCREW - #8-32 X .31 HEX HD.TF - BLK.	2
3	6231553	TIE DOWN - BLOWER ASSEMBLY	2
4	9989637	JUMPER - BLOWER	1
5	4731347	BRACKET ASSEMBLY - BLOWER MOUNTING	1
6	6237342	HOUSING - EXHAUST BLOWER	1
7	6237340	FILTER - EXHAUST BLOWER	1
8	2302223	GROMMET - 3/16	2
9	6231548	BLOWER ASSEMBLY - 120V	1

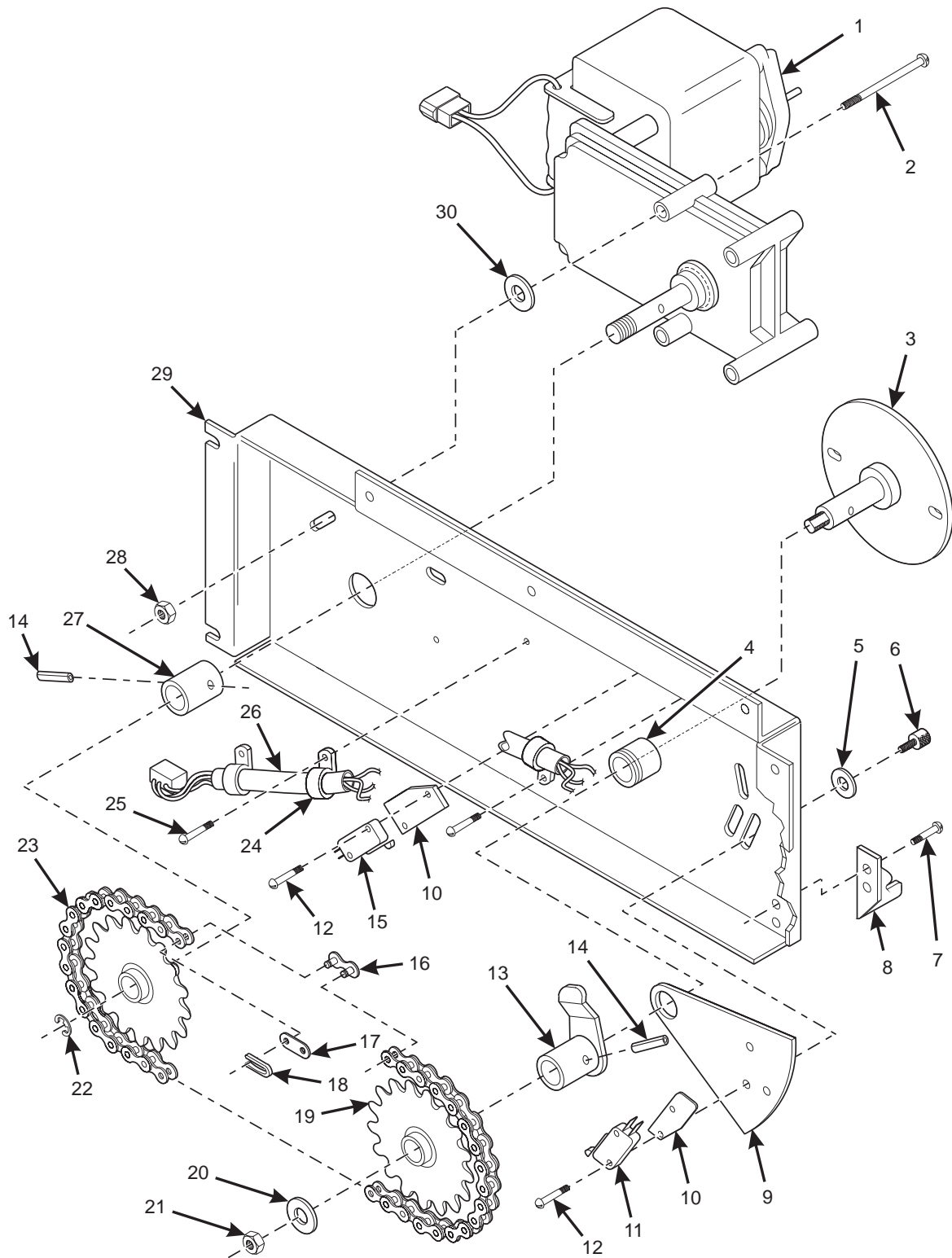


Figure 43. Brewer Drive Assembly

TABLE 43. BREWER DRIVE ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4731282	DRIVE ASSEMBLY - BREWER	-
1	4751230	MOTOR - BREWER	1
2	4731070	SCREW - #10 - 32 X 1.75 PHS	4
3	4731083	COUPLING & BREWER ASSEMBLY	1
4	4047012	SHOULDER BUSHING	2
5	9900035	WASHER, STEEL 7/16 X 3/16 X 3	1
6	2206028	THUMB SCREW, SIDEWALL	1
7	1451097	SCREW - #8 - 32X.31 HEX HD.TF - BL	2
8	4731082	BRACKET - BREWER	2
9	4731093	PLATE - SWITCH - MOUNTING	1
10	2304083	INSULATOR - SWITCH	2
11	5201091	SWITCH	1
12	1217160	4 - 40X5/8 RHS M SCREW Z/Y	4
13	4731085	CAM ASSEMBLY - SWITCH ACTUATOR	1
14	6133157	ROLL PIN 3/16 X 1	2
15	2304109	SWITCH - ROLLER LEVER V3L - 139 -	1
16	4047176	LINK & PIN ASY - MASTER - 212 - 18	1
17	4047177	LINK - MASTER - #211 - 1808	1
18	4047178	RETAINER - MASTER LINK - #212 - 18	1
19	4246171	SPROCKET - DRIVE - ELEVATOR	2
20	4731101	WASHER - .265 I.D.X 1.00 O.D.X	1
21	9900043	NUT 1/4 - 20 HEX ZINC PLATE	1
22	9900437	RETAINING RING REINF E TYP.3	1
23	4731097	CHAIN - ELEVATOR - #211 - 1853	1
24	2221049	WIRE CLAMP .302 DIA	3
25	1451097	SCREW - #8 - 32X.31 HEX HD.TF - BL	3
26	4731096	HARNESS - BREWER HOUSING	1
27	4731095	BUSHING - MOTOR	1
28	9900164	NUT #10 - 32 KEPS ZINC PLATE	4
29	4731280	HOUSING & BUSHING ASSEMBLY	1
30	2204093	WASHER - SCAVENGER BAR	4

THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:

PART NUMBER	DESCRIPTION
4731103	MOTOR & PIN ASSEMBLY (CONSISTS OF INDEX NUMBERS 1, 14, AND 27)
4731281	HOUSING ASSY-BREWER DRIVE (CONSISTS OF INDEX NUMBERS 4 AND 29)
4731092	SWITCH & PLATE ASSEMBLY (CONSISTS OF INDEX NUMBERS 9 - 12)

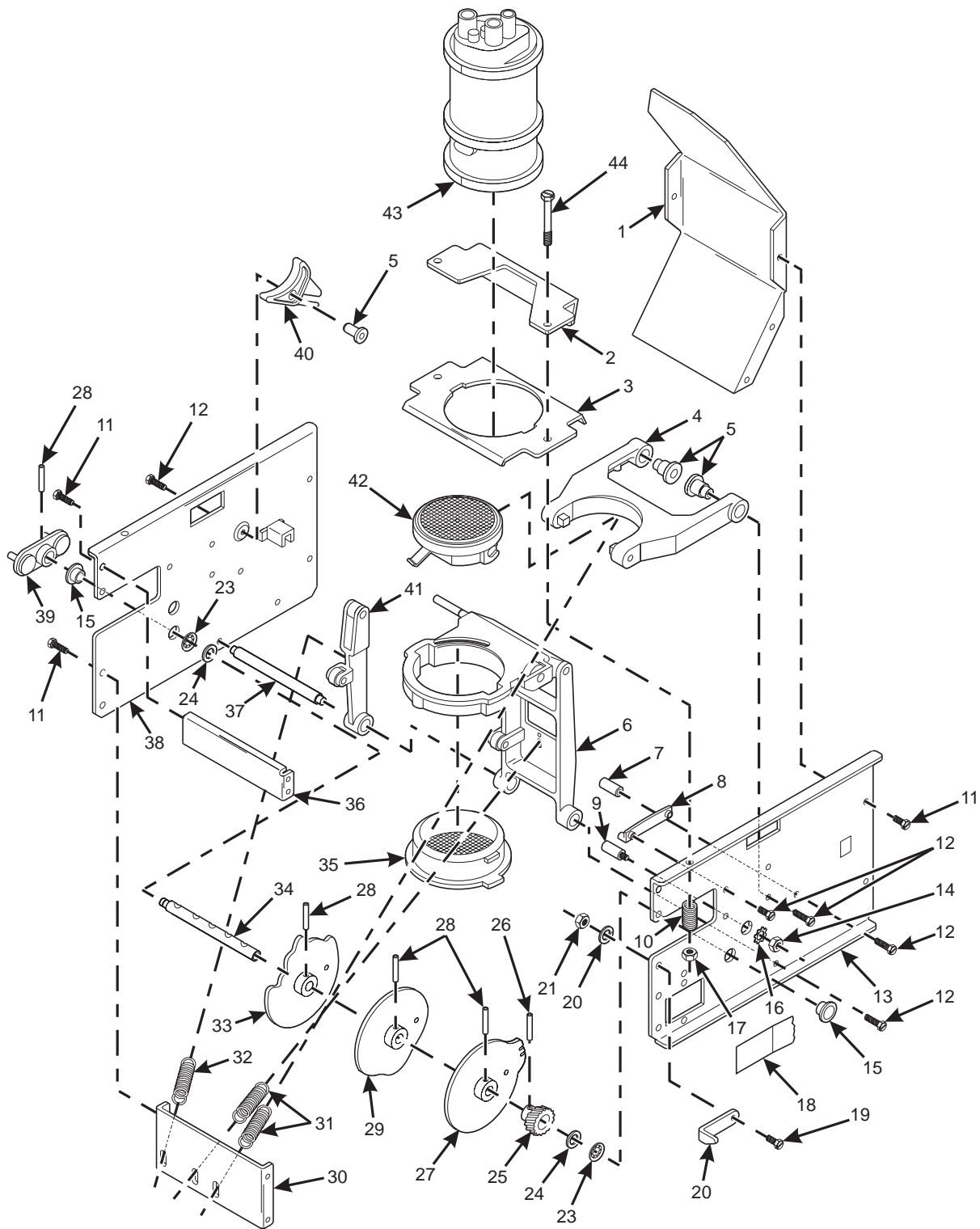


Figure 44. Brewer Assembly - No Filter (Part 1 of 2)



TABLE 44. BREWER ASSEMBLY - NO FILTER (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	6204216	BREWER ASSEMBLY - NO FILTER	1
1	6134112	BRACKET - REAR SPACER	1
2	3614004	TEA DEFLECTOR	1
3	6134123	CHANNEL - BARREL SUPPORT	1
4	6104122	LEVER ASSEMBLY - FUNNEL MOUNT	1
5	6134104	STUD - PIVOT	2
6	6104386	LEVER ASSEMBLY - BASKET (SEE FIGURE 46)	1
7	6104126	STOP - BASKET TRAVEL LEVER	1
8	6134102	CAM - BASKET ROLLER	1
9	6134157	STOP - ADJUSTABLE BREWER	1
10	6234225	SPRING - BREWER	2
11	6104410	SCREW #10-32 X 1/4 PHS W/LW SS	16
12	6104409	SCREW #10-32 X 1/2 PHS W/LW SS	8
13	6134167	FRAME ASSEMBLY - RIGHT SIDE	1
14	6134160	NUT # 1/4-20 HEX	1
15	6134105	BUSHING - FRAME	2
16	6134161	LOCKWASHER - 1/4 EXT TOOTH	1
17	6234289	LOCKNUT - #1/4-20	2
18	6134199	WARNING LABEL - BREWER COVER REMOVAL	1
19	4754002	LATCH - BREWER	1
20	4754003	STUD - RETAINER - BREWER	1
21	9900208	SPRING WASHER .625 X.280 X.006	1
22	3106215	NUT #8-32 STAINLESS	1
23	6134163	PUSH NUT .500	2
24	6134195	SPACER - BUSHING	1
25	6104464	GEAR DRIVE - FILTER TAPE	1
26	6104216	ROLL PIN	1
27	6104201	FUNNEL CAM ASSEMBLY	1
28	6104462	GROOVE PIN	4
29	6104204	BASKET TRAVEL CAM ASSEMBLY	1
30	6134119	BRACKET - SPRING - FRONT SPACER	1
31	6104129	EXTENSION SPRING - FUNNEL BASKET TRAVEL LEVERS	2
32	6104163	EXTENSION SPRING - FLIP LEVER	1
33	6224106	CAM ASSEMBLY - FLIP	1
34	6134122	SHAFT - CAM	1
35	6104428	BASKET ASSEMBLY - BREWER 230 MESH (SEE FIGURE 45)	1
36	6134120	BRACKET - FRONT SPACER	1
37	6104165	SHAFT - LEVER	1
38	6134111	FRAME ASSEMBLY - LEFT SIDE	1
39	6134127	ARM ASSEMBLY - COUPLING	1

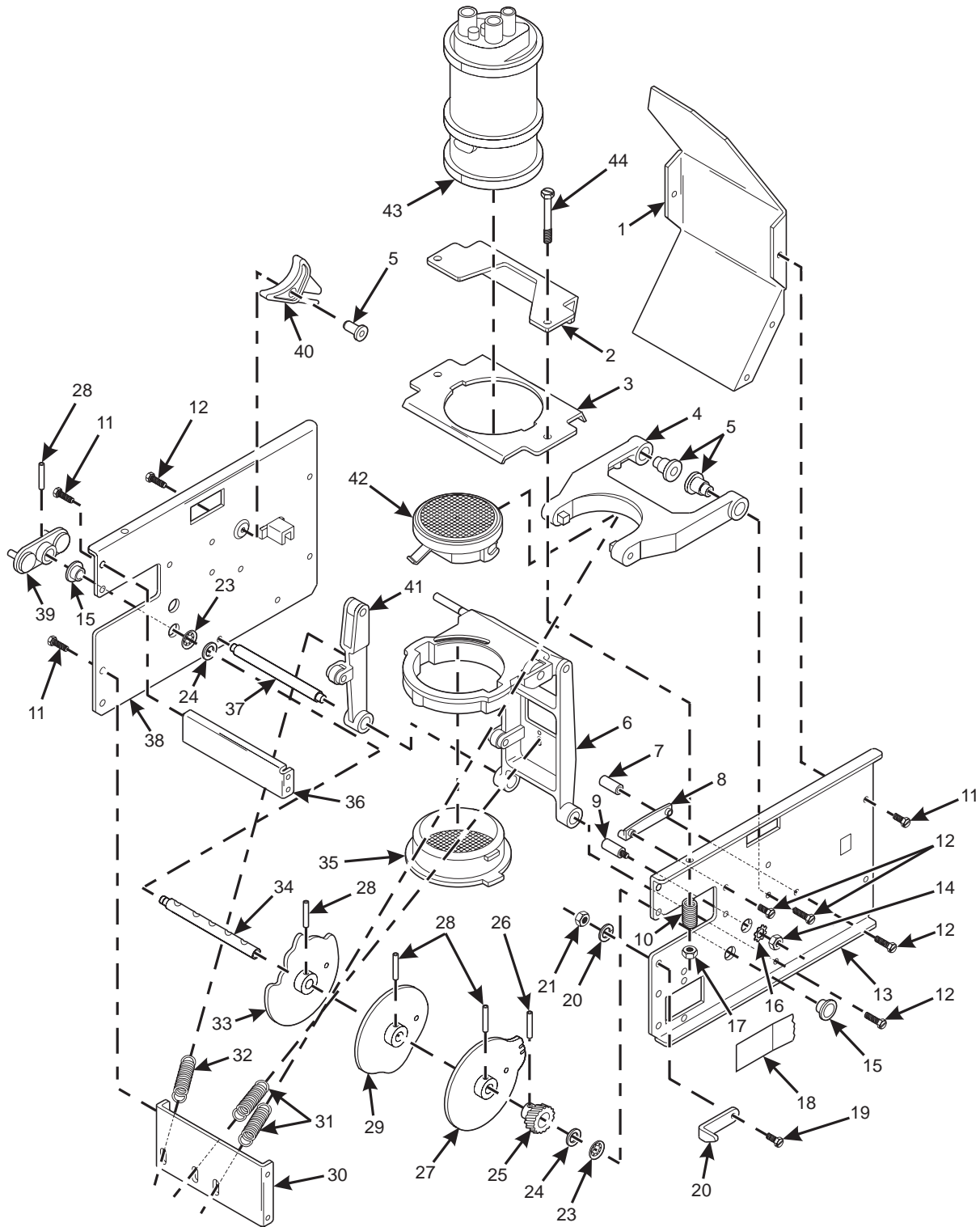


Figure 44. Brewer Assembly - No Filter (Part 2 of 2)

TABLE 44. BREWER ASSEMBLY - NO FILTER (PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
40	6134101	LEVER - FLIP	1
41	6104101	FLIP LEVER ASSEMBLY	1
42	6134187	FUNNEL ASSEMBLY - 30 MESH SCREEN (SEE FIGURE 47)	1
43	6134151	BARREL ASSEMBLY - BREWER (SEE FIGURE 48)	1
44	6234288	BOLT - 1/4-20X1 1/2	2

THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES

PART NUMBER	DESCRIPTION
6134149	FRAME ASSEMBLY - R H - BREWER - TAPELESS (INCLUDES INDEX NUMBERS 7 - 9, 13 - 16, 25, 26)
6224105	SHAFT ASSEMBLY - CAM (INCLUDES INDEX NUMBERS 23, 25 - 29, 33, 34)
6134179	FRAME & FLIP LEVER ASSEMBLY - LH - BREWER (INCLUDES INDEX NUMBERS 5, 10, 12, 15, 38, 24, 40)

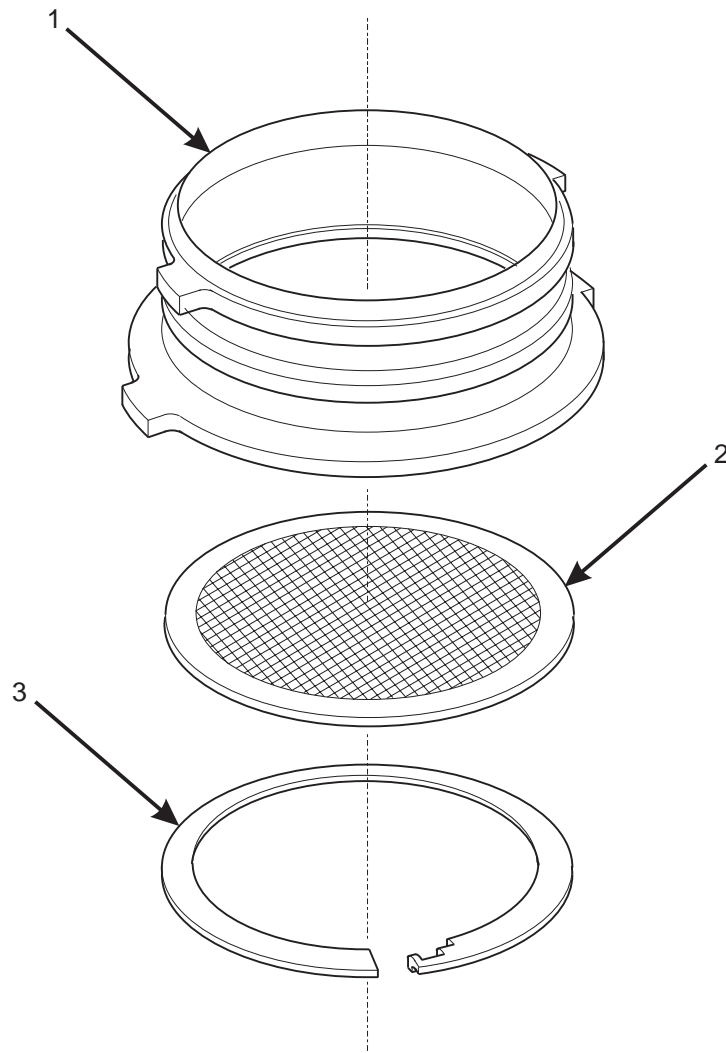


Figure 45. Brewer Basket Assembly



TABLE 45. BREWER BASKET ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	6104428	BASKET ASSEMBLY - BREWER - 230 MESH	-
1	6104439	BASKET - BREW	1
2	6114015	SCREEN ASSEMBLY - BREW	1
3	6104438	SPRING - SCREEN RETAINER	1

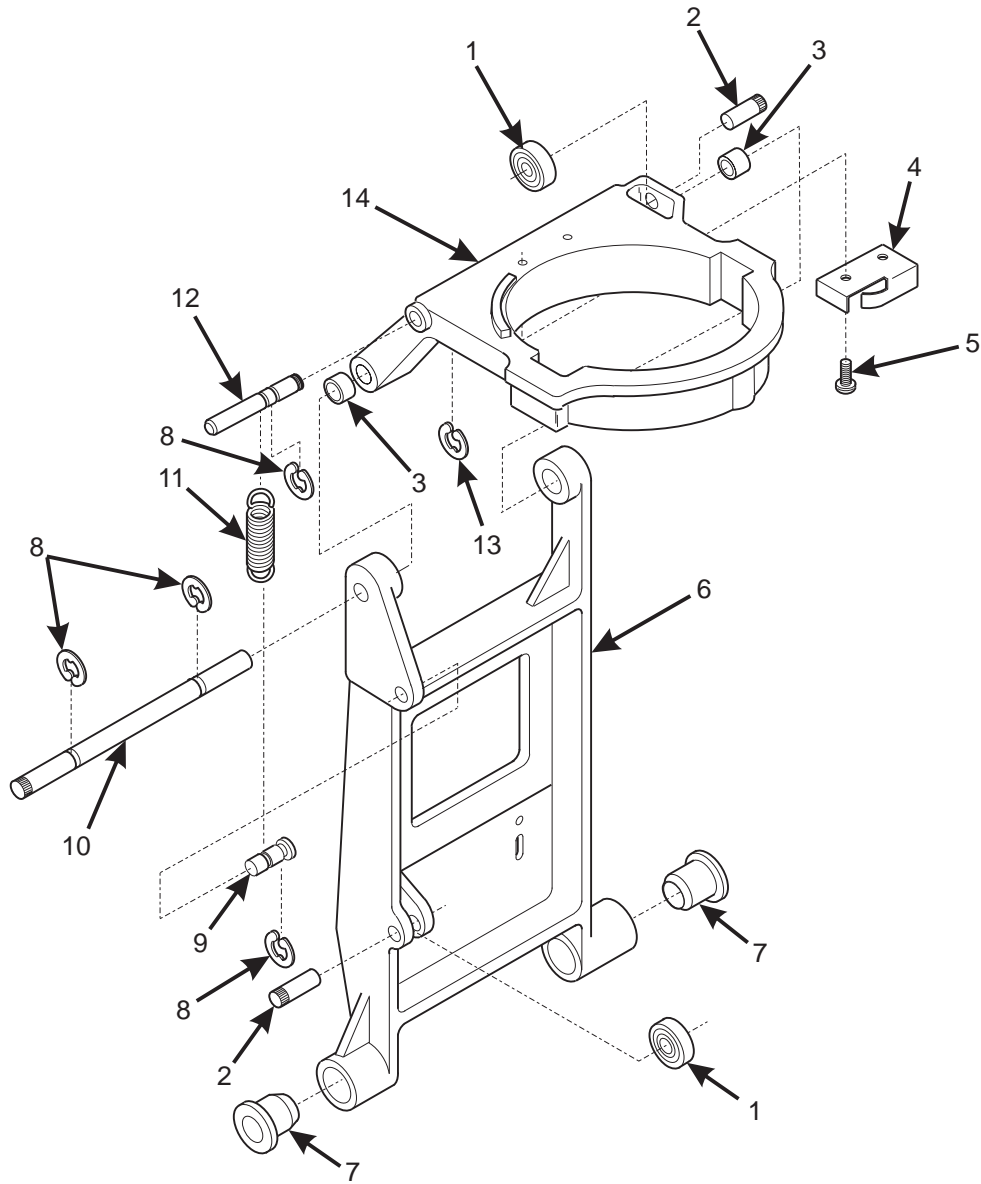


Figure 46. Basket Lever Assembly

TABLE 46. BASKET LEVER ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	6104386	BASKET LEVER ASSEMBLY	1
1	6104019	ROLLER ASSEMBLY	2
2	6104104	PIN - ROLLER	2
3	6104021	BUSHING - SHUTTER ROLLER	2
4	6104384	STOP - LOWER HALF BREW BASKET	1
5	6204211	SCREW - #6-32 X 1/4 PHS T/C SS	2
6	6104112	LEVER - BASKET TRAVEL	1
7	6104472	BUSHING - BASKET TRAVEL LEVER #D238	2
8	3103029	WALDES TRUARC RING	4
9	6134065	POST - SPRING - SHORT	1
10	6104115	SHAFT - PIVOT - BASKET LEVERS	1
11	6104111	SPRING - EXTENSION - BREW BASKET LEVERS	1
12	6134064	POST - SPRING - LONG	1
13	6134063	RETAINING RING - CRESENT 1/4	1
14	6104387	LEVER - BREW BASKET	1

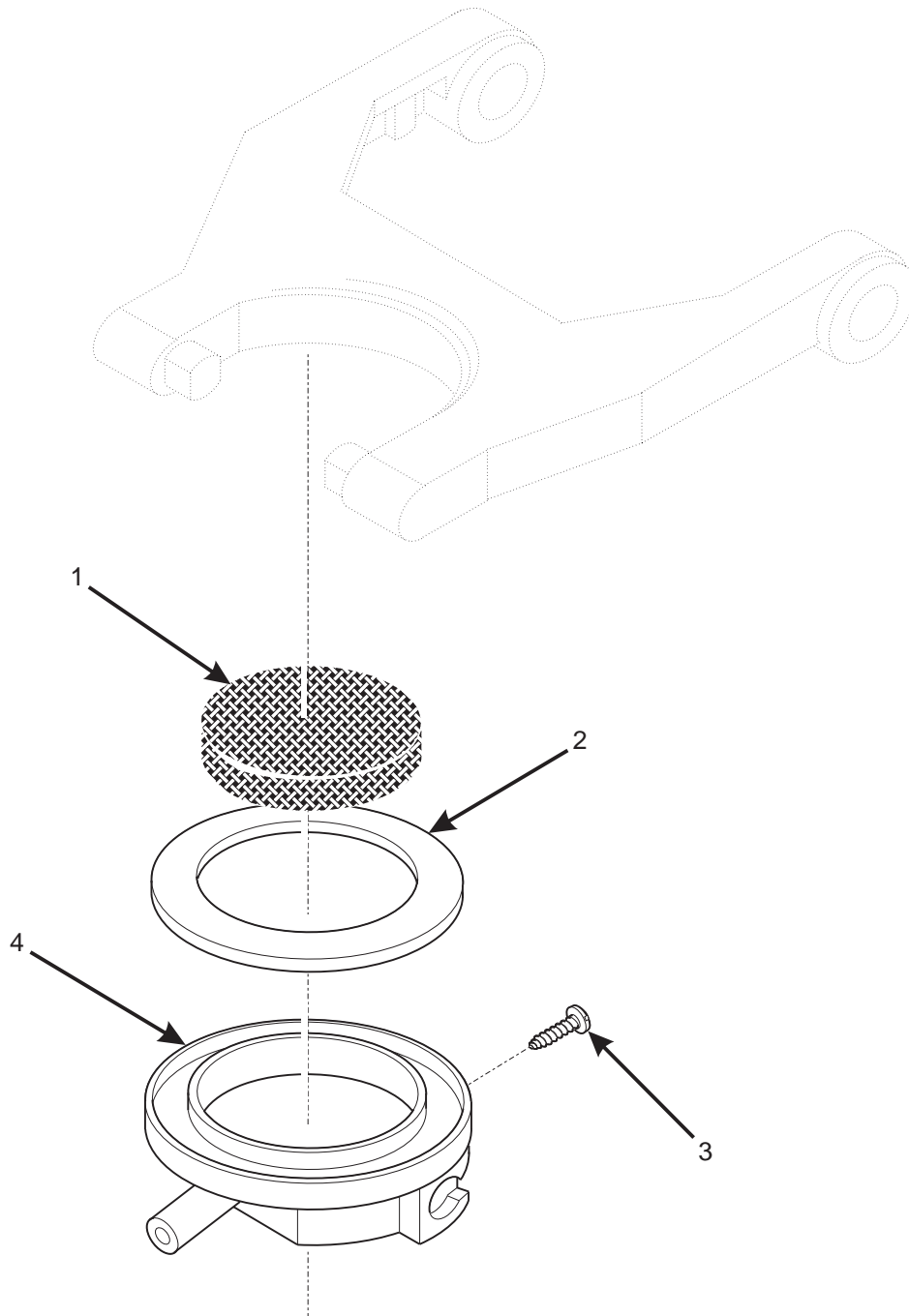


Figure 47. Funnel Assembly



TABLE 47. FUNNEL ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	6134187	FUNNEL ASSEMBLY - 30 MESH SCREEN	1
1	6204223	FILTER SUPPORT - 30 MESH	1
2	6234375	SEAL - BREWER	1
3	6204240	FUNNEL - COFFEE	1
4	6204211	SCREW - #6-32 X 1/4 PHS T/C SS	1

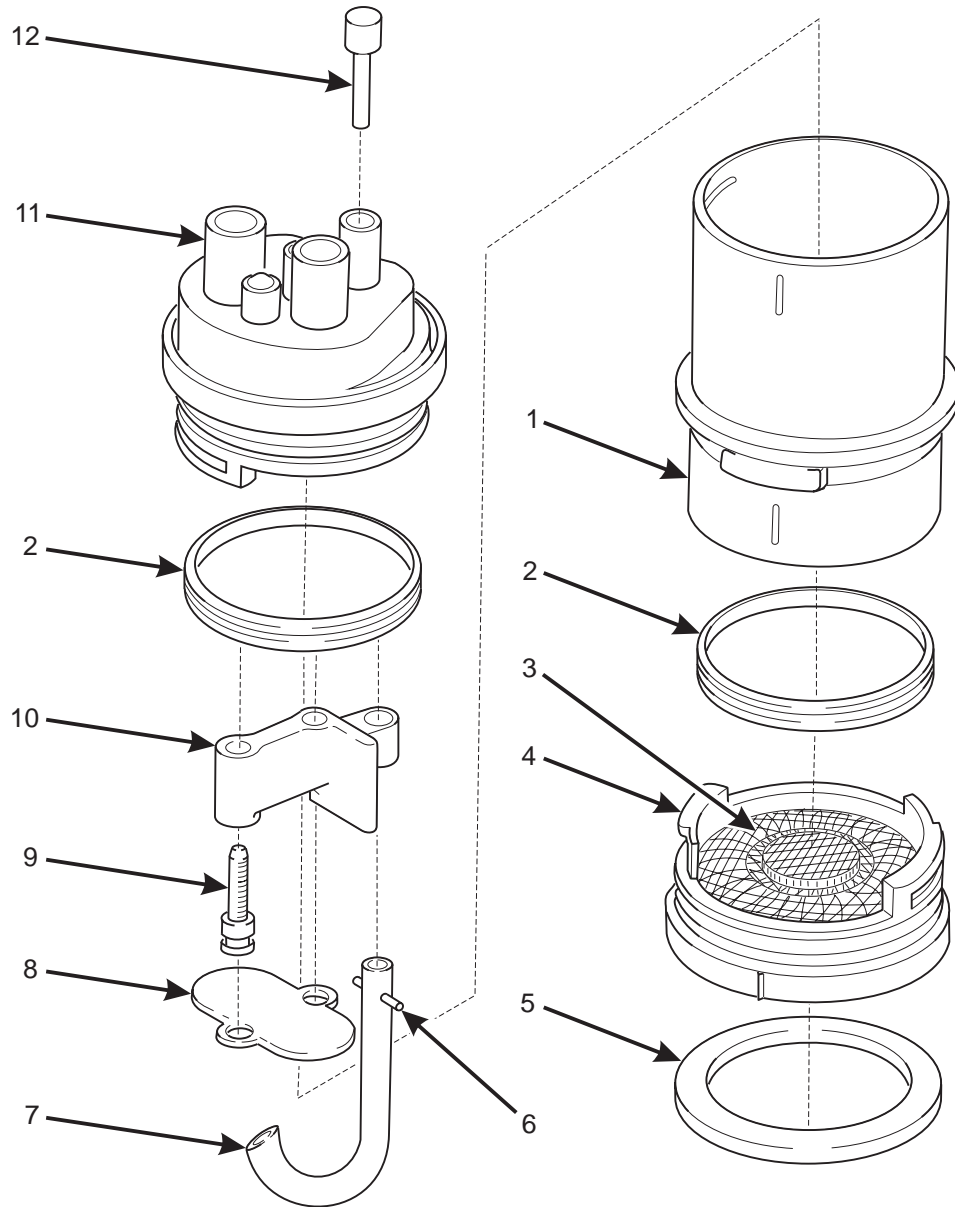


Figure 48. Brewer Barrel Assembly

TABLE 48. BREWER BARREL ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	6134151	BREWER BARREL ASSEMBLY	1
1	6104184	BREWER BARREL	1
2	6104193	QUAD RING SEAL	2
3	6134286	SCREEN - BREWER BARREL	1
4	6104181	LOWER INSERT - BREWER BARREL	1
5	6234375	SEAL - BREWER	1
6	6106107	ROLL PIN	1
7	6134197	TUBE - AIR JET	1
8	6134155	VALVE - MANIFOLD - BREWER BARREL	1
9	6134173	SCREW - SHOULDER	2
10	6204229	DEFLECTOR - MANIFOLD	1
11	6134178	MANIFOLD & INSERT ASSEMBLY - BREWER	1
12	6134192	PLUG - BREWER MANIFOLD	1

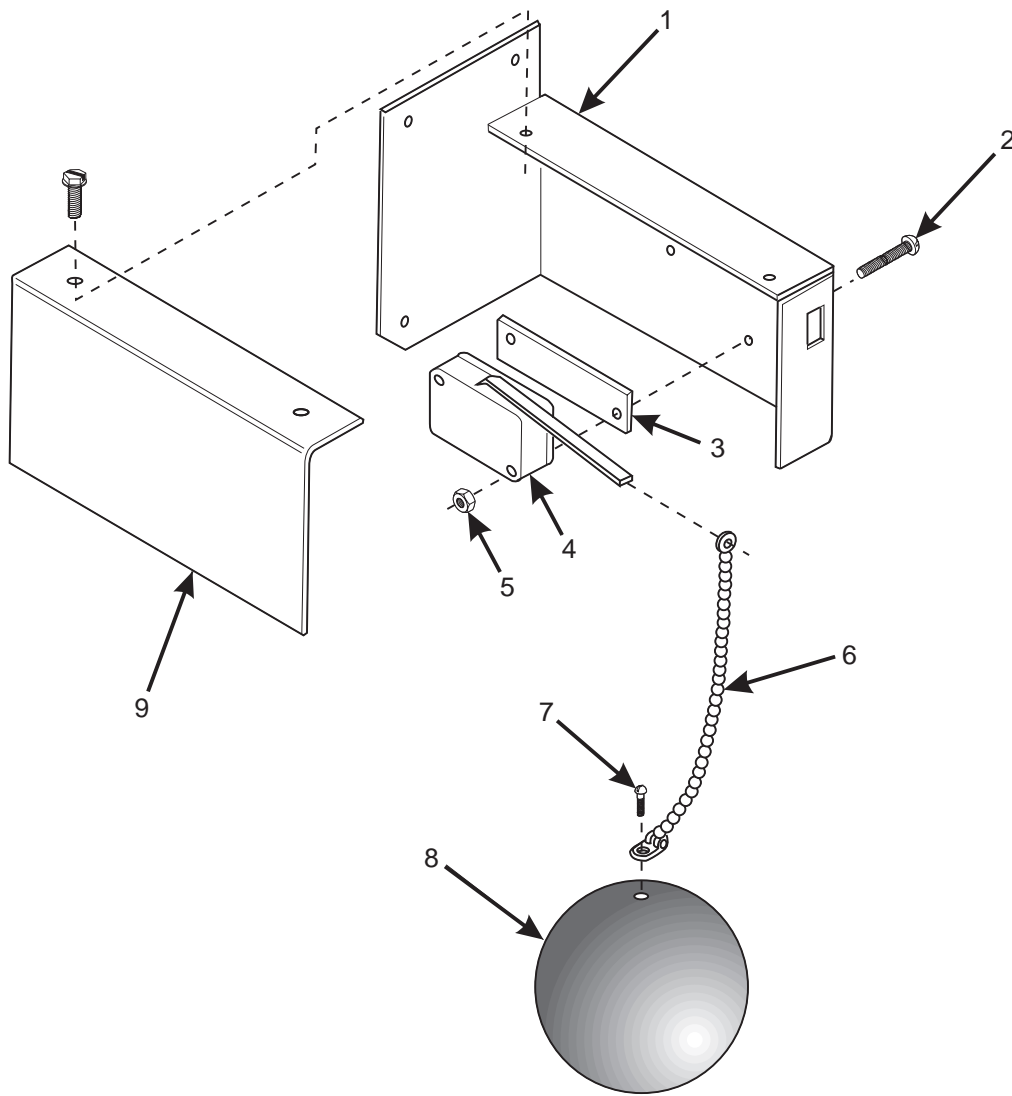


Figure 49. Overflow Switch Assembly



TABLE 49. OVERFLOW SWITCH ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4731158	OVERFLOW SWITCH ASSEMBLY	1
1	3116123	BRACKET ASSEMBLY - OVERFLOW SWITCH	1
2	1217160	4-40 X 5/8 RHS M SCREW Z/Y	2
3	3121150	INSULATION - OVERFLOW SWITCH	1
4	2304108	SWITCH LEVER V3L-131-D8	1
5	1217159	4-40 KEPS W/EXT L/WAS H ZP	2
6	4731159	CHAIN - OVERFLOW SWITCH	1
7	4047054	SCREW #8 18X1/2 RHS T/C	1
8	3116127	FLOAT - OVERFLOW SWITCH	1
9	3116126	COVER - OVERFLOW SWITCH	1

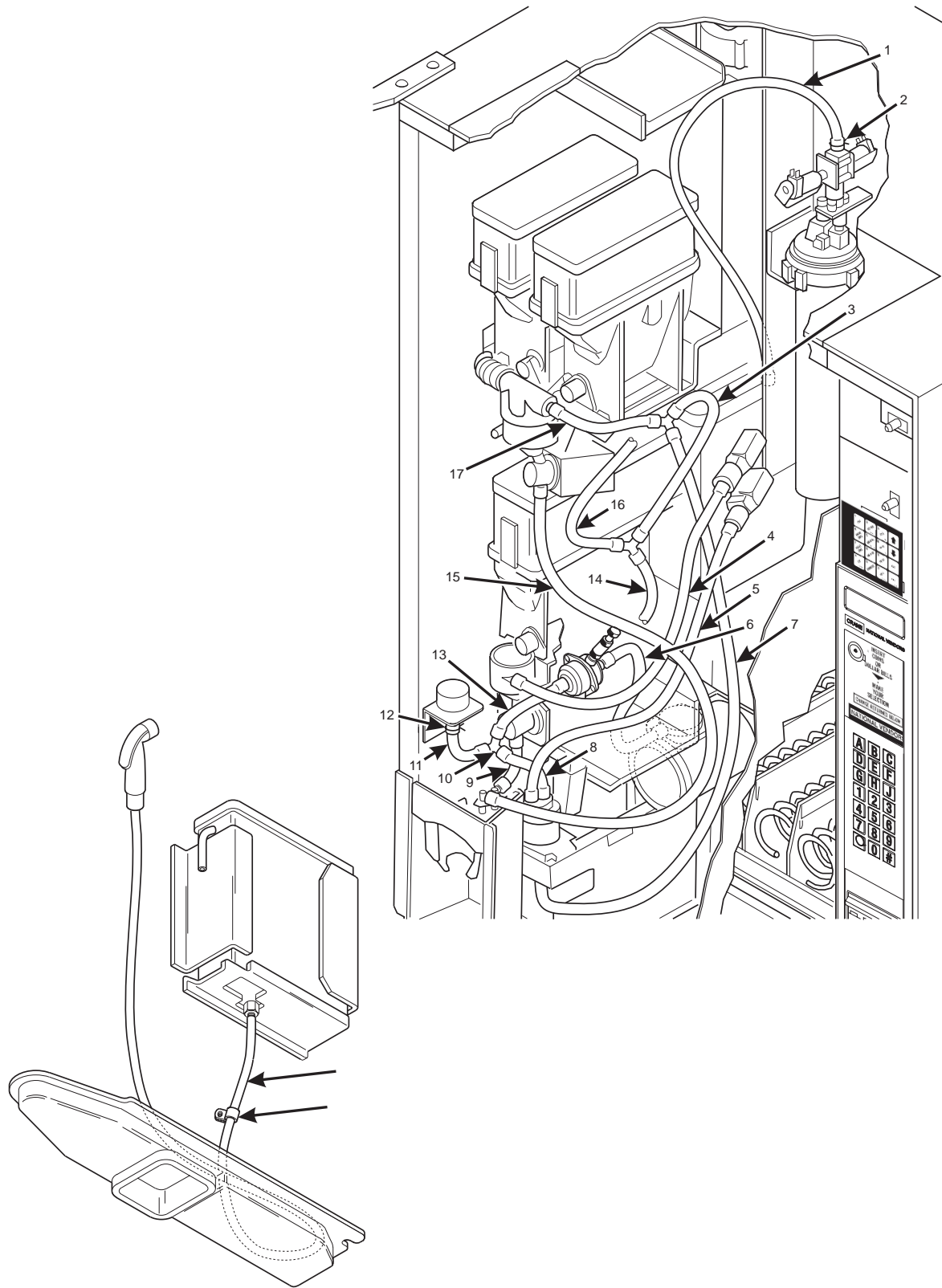


Figure 50. Fresh Brew Tube Routing



TABLE 50. FRESH BREW TUBE ROUTING

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	6508054	TUBE .44 ID X .62 OD X 26.0	1
2	6158063	CLAMP - HOSE	1
3	4731203	TUBE - .75 O.D. X .50 I.D. X 32"	1
4	4731131	TUBE - .56 O.D.X .37 I.D.X 27.5"	1
5	6224117	TUBE - .38 ID X.56 OD X 20.0"	1
6	4751069	TUBE - .62 O.D.X.38 I.D.X 10.25"	1
7	4731204	TUBE - .44 O.D.X.25 I.D.X 32.5"	1
8	6114248	TUBE - .25 X .44 X 2.5	1
9	4751068	TUBE - 6338021-7.0"	1
10	3017006	SYRUP TUBE TEE SPLICE	1
11	4751067	TUBE - .25 I.D.X .44 O.D.X 7.75"	1
12	3108151	7/16 CORBIN HOSE CLAMP	1
13	6134530	TUBE BRWR FUNNEL PULSATOR HSG	1
14	4731117	TUBE - .62 O.D.X .44 I.D.X 16"	1
15	4731064	TUBE - .56 O.D.X .37 I.D.X 24 "	1
16	4731116	TUBE - .62 O.D.X .44 I.D.X 9.5"	1
17	4731207	TUBE - .38 I.D.X.56 O.D.X 4.50"	1

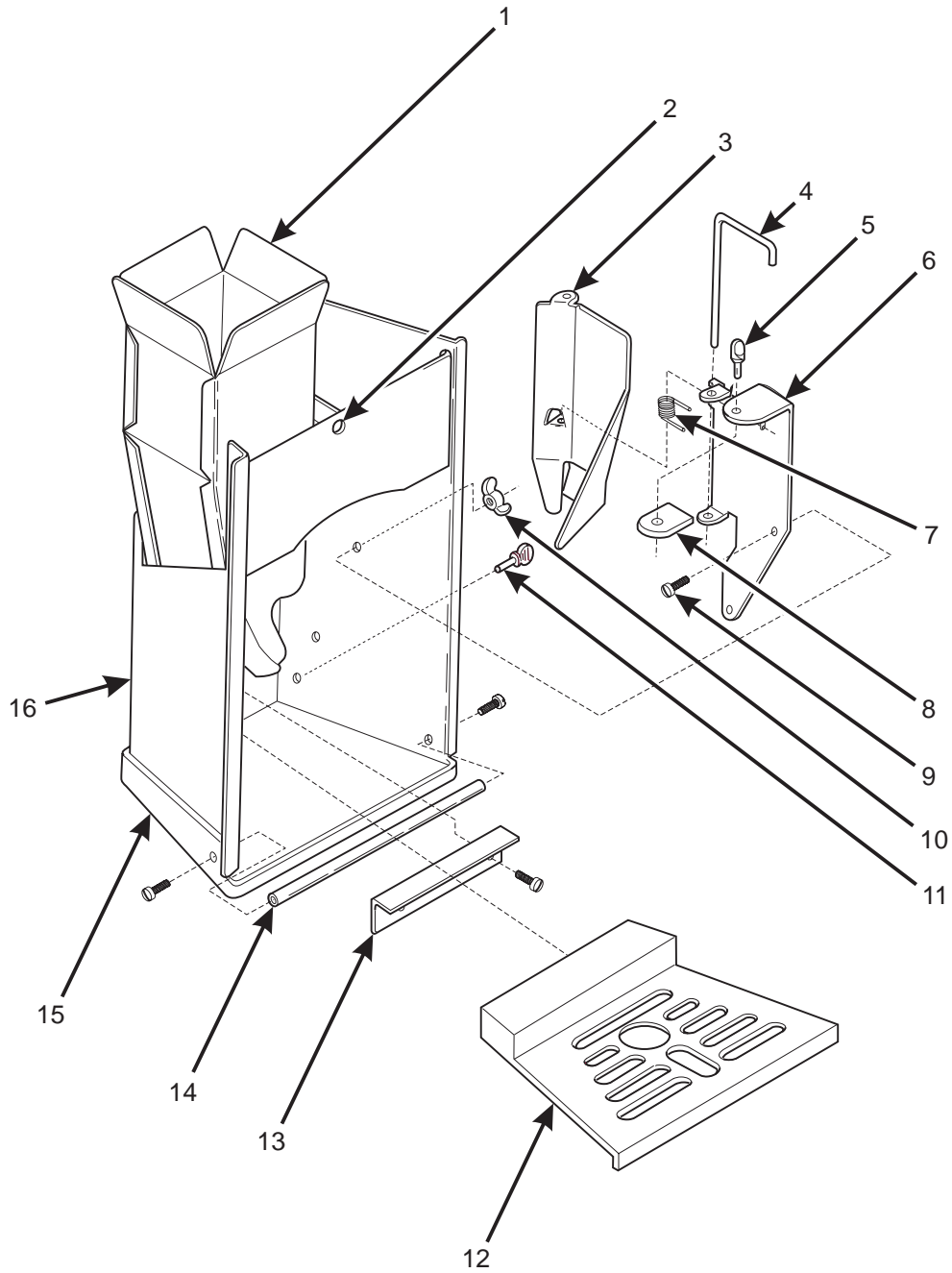


Figure 51. Cup Station Assembly



TABLE 51. CUP STATION ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4731152	CUP STATION ASSEMBLY	-
1	4731150	CUP CHUTE WELD ASSEMBLY	1
2	3104125	SCREW - #8-32 X 1/4, PHS, STAINLESS	3
3	3103106	DEFLECTOR - CUP - PIVOTED	1
4	3103104	BAR - PIVOT - CUP HOLDER	1
5	3104051	THUMB SCREW #10-32 X 1/2	1
6	3103107	BRACKET - CUP DEFLECTOR	1
7	3103105	SPRING - PIVOT BAR - CUP HOLDER	1
8	3103108	LOCKING BAR - CUP HOLDER	1
9	3123134	SCREW - #8-32 X 3/8, THS, UNSLOTTED, STAINLESS	2
10	3103133	WING NUT #8-32, STAINLESS	2
11	6104051	THUMB SCREW #10-32 X 1/2	2
12	4731326	GRILL - CUP COMPARTMENT	1
13	4731023	SUPPORT - GRILL - CUP STATION	1
14	4731024	SPACER - CUP STATION	1
15	4731001	BASE - CUP STATION	1
16	4731151	CUP STATION WELD ASSEMBLY	1

THE FOLLOWING IS AVAILABLE AS AN ASSEMBLY

	3103103	DEFLECTOR ASSEMBLY - CUP (CONSISTS OF INDEX NUMBERS 2, 4, 5, 6, AND 7)	1
--	---------	--	---

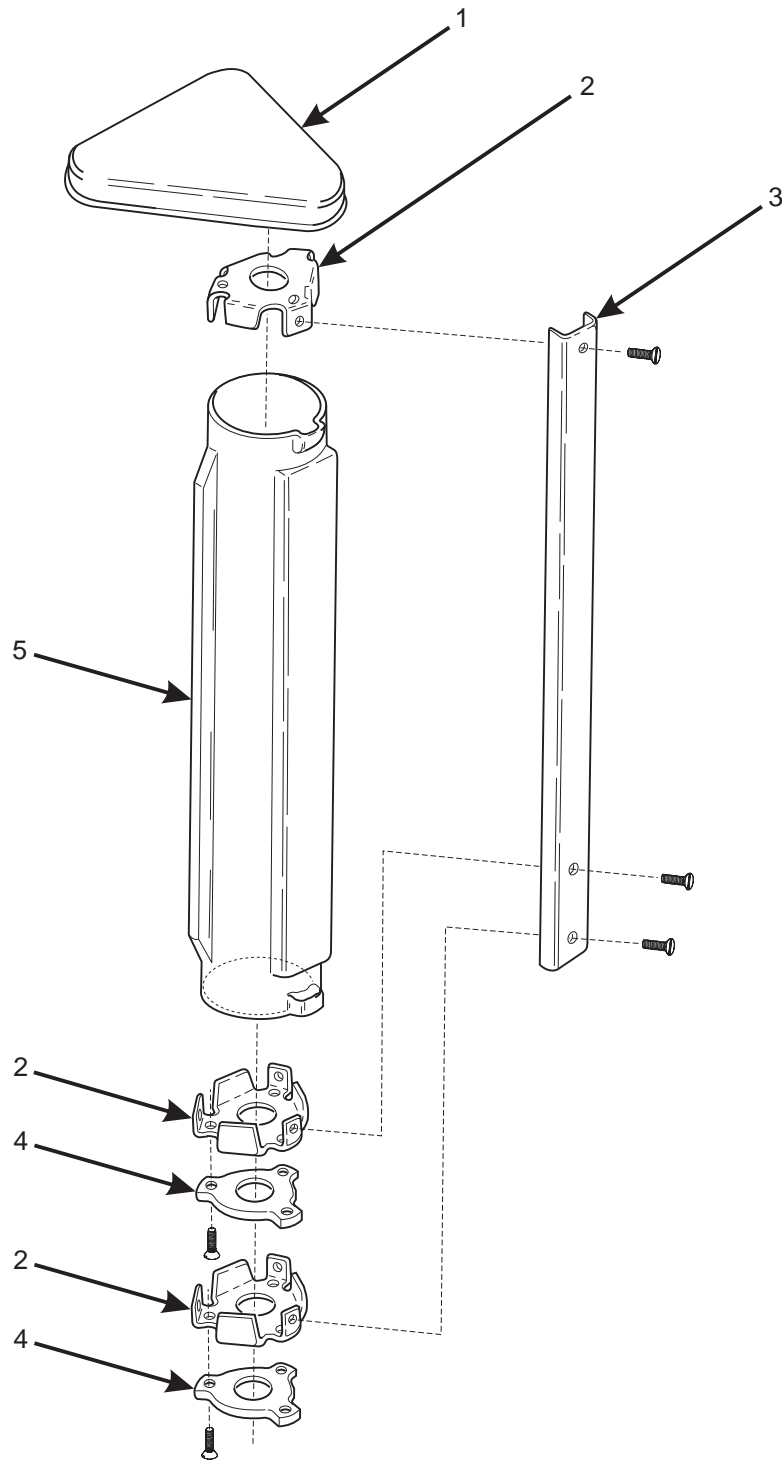


Figure 52. Cup Dispenser Assembly (Part 1 of 2)



TABLE 52. CUP DISPENSER ASSEMBLY (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	-	DISPENSER ASSEMBLY - CUP	-
1	4733028	COVER - CUP TURRET	1
2	4733027	PLATE - CUP TURRET	3
3	4733026	CHANNEL - CUP TURRET	3
4	4733020	BUSHING - TURRET SHAFT	2
5	3123146	TUBE - CUP	3

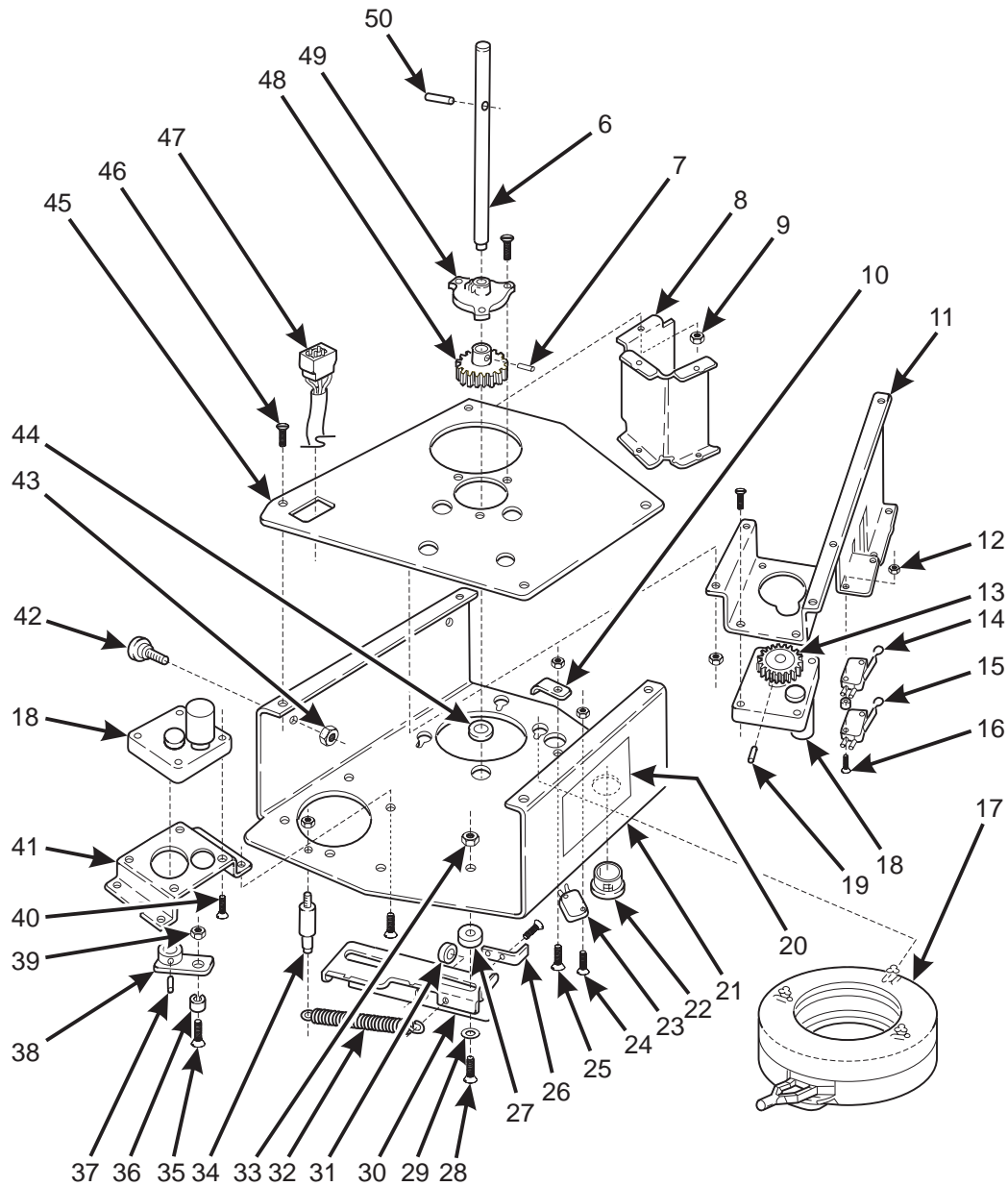


Figure 52. Cup Dispenser Assembly (Part 2 of 2)



TABLE 52. CUP DISPENSER ASSEMBLY (PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
6	4733018	SHAFT - TURRET	1
7	1306519	PIN - ROLL - 3/32 X 3/4	1
8	4733004	GUIDE - FRONT - CUP DISPENSER	1
9	9900081	NUT #8-32, KEPS, ZINC PLATED	9
10	3103016	SEPARATOR LOCK - CUP	1
11	4733003	GUIDE - REAR - CUP DISPENSER	1
12	1217159	NUT #4-40 KEPS	4
13	4733009	GEAR - MOTOR	1
14	1127806	ROLLER	2
15	3113008	SWITCH ASSEMBLY	2
16	3113003	SCREW #4-40 X 1-1/4 RHS	2
17	3143005	RING ASSEMBLY - CUP	1
18	4733008	MOTOR	2
19	1306519	PIN - ROLL - 3/32 X 3/4	1
20	4751042	LABEL - CUP TURRET - LOADING	1
21	4733001	PLATE - BOTTOM - CUP DISPENSER	1
22	4021063	BUSHING	1
23	2306488	SWITCH	1
24	1217160	SCREW #4-40 X 5/8 RHS	2
25	9900019	SCREW #8-32	1
26	4733014	ANGLE - CUP RELEASE ARM	1
27	4733010	BUSHING - RELEASE ARM - CUP RING	1
28	1277102	SCREW #10-32 X 5/8, RHS, SEMS, EXT, ZINC PLATED	2
29	4733011	WASHER, RELEASE ARM BUSHING	1
30	4733013	ARM - RELEASE - CUP RING	1
31	3143004	BUSHING	1
32	4733035	SPRING - RELEASE ARM - CUP RING	1
33	9900164	NUT #10-32, KEPS, ZINC PLATED	5
34	4733006	STOP - RELEASE ARM - CUP RING	1
35	3143066	SCREW - SHOULDER	1
36	6133121	ROLLER ASSEMBLY	1
37	6107020	PIN - ROLL - 3/32 X 13/16	1
38	4733022	CAM AND BUSHING ASSEMBLY	1
39	1407048	NUT - #10-32, M/F, ZINC PLATED	1
40	1217161	SCREW #10-32 X 1/2, RHS, SEMS, EXT, ZINC PLATED	8
41	4733016	BRACKET - MOTOR MOUNTING	1
42	4733005	STUD - MOUNTING - CUP TURRET	1
43	9900164	NUT #10-32, KEPS, ZINC PLATED	5
44	4242145	BEARING	1
45	4733029	TOP PLATE AND STUD ASSEMBLY	1
46	1451097	SCREW #8-32 X 5/16, HEX HD, T/F, BLACK	18
47	4733036	HARNESS - CUP DISPENSER	1
48	4733017	GEAR - TURRET SHAFT	1
49	4733020	BUSHING - TURRET SHAFT	1
50	3127034	PIN - ROLL - 1/8 X 13/16	1
THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES			
	4733025	CUP TURRET ASSEMBLY (CONSISTS OF INDEX NUMBERS 1 - 5)	1
	4733000	CUP MECHANISM ASSEMBLY (CONSISTS OF INDEX NUMBERS 6 - 50)	1

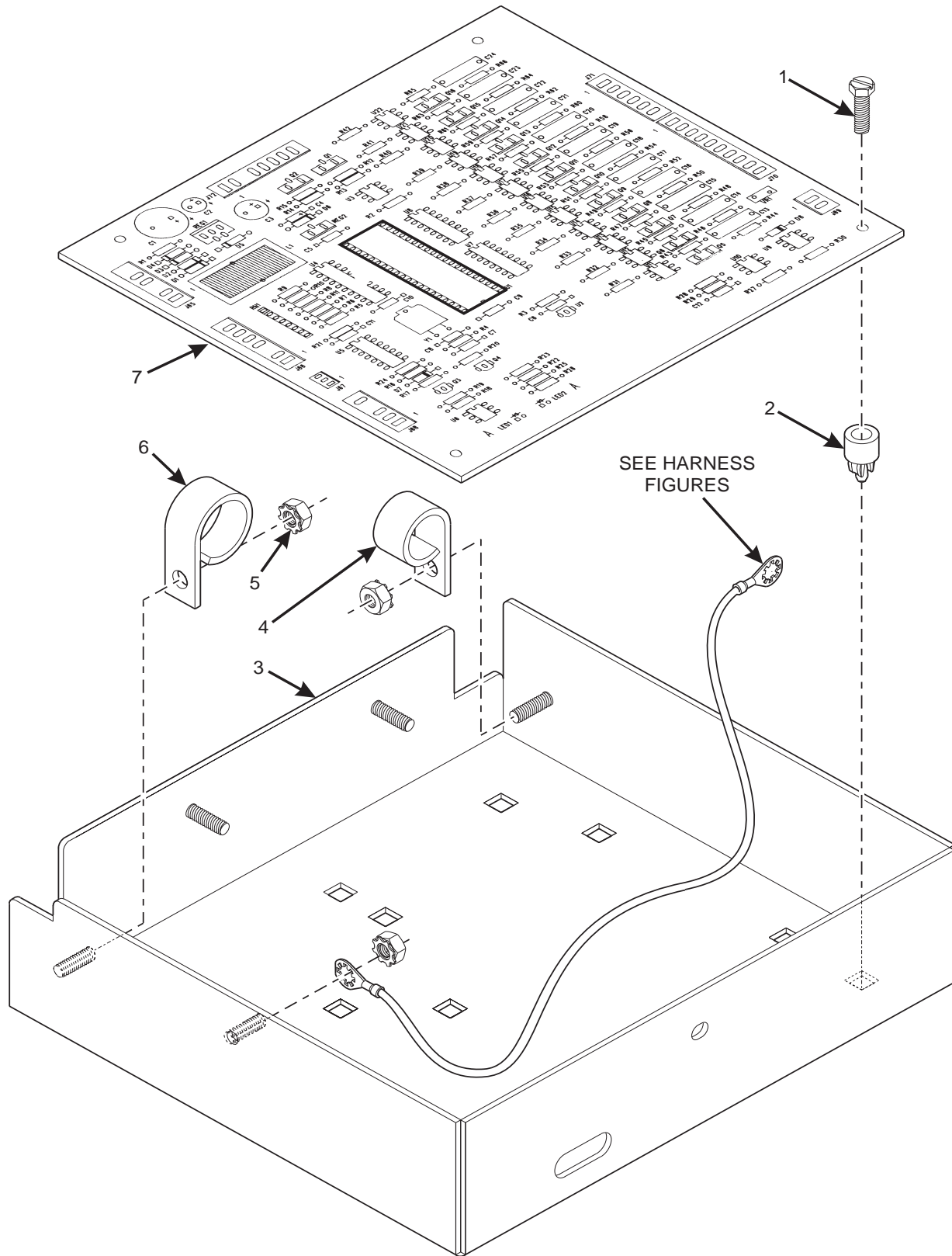


Figure 53. Cover and PCB Assembly

TABLE 53. COVER AND PCB ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4851049	COVER AND PCB ASSEMBLY - COFFEE	1
1	1471199	SCREW - #8-18 X .62 HEX/WH.	4
2	1571034	STANDOFF - PCB-3/8 SCREW MOUNT	10
3	4851031	COVER ASSEMBLY - PCB - COFFEE	1
4	4732024	RETAINER - HARNESS	1
5	9900081	NUT #8-32 KEPS ZINC PLATE	3
6	4751060	RETAINER - HARNESS	1
7	4856003	CABINET CONTROLLER - WITH PROGRAMMED EPROM	1

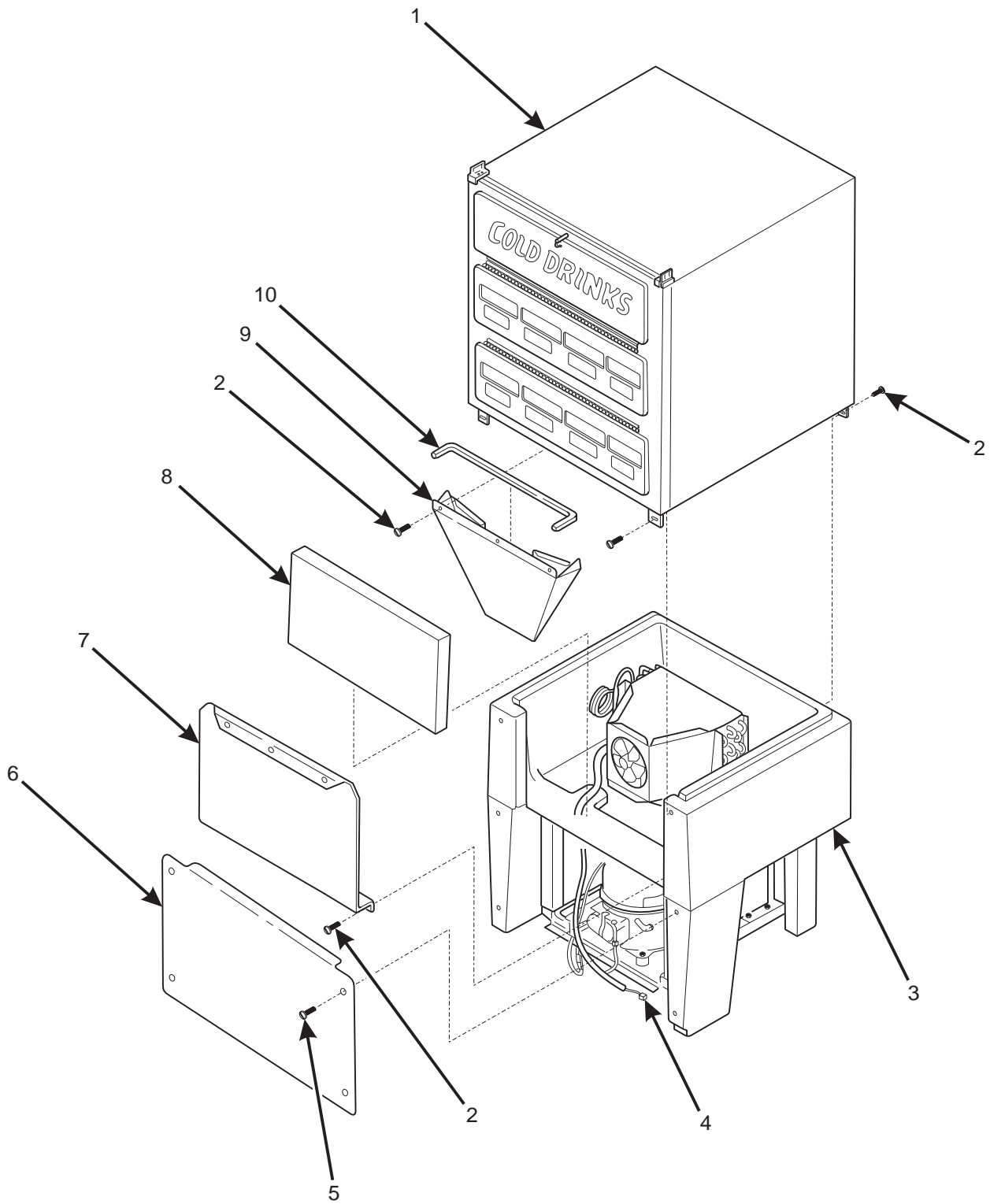


Figure 54. Can and Refrigeration Module

TABLE 54. CAN AND REFRIGERATION MODULE

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4847001	CAN MODULE - 8 SELECT (SEE FIGURES 56, 57, & 58)	1
2	4727144	SCREW - #8-18 X .62 HEX HEAD	11
3	4844005	REFRIGERATION MODULE ASSEMBLY - FINAL - R134A - CAN (SEE FIGURE 55)	1
4	4849017	HARNESS - CAN/CHILLER COMPRESSOR	1
5	4727144	SCREW - #8 - 18X.62 HEX HEAD	4
6	1581028	COVER & SEAL ASSEMBLY - COMPRESSOR	1
7	4744042	DOOR RETAINER	1
8	4744027	DOOR - REFRIGERATION MODULE	1
9	4744024	DUCT ASSEMBLY - AIR DISTRIBUTION	1
10	4744028	GASKET - DUCT DISTRIBUTION	1

THE FOLLOWING IS AVAILABLE AS AN ASSEMBLY

PART NUMBER	DESCRIPTION
4744023	DUCT & GASKET ASSEMBLY (INCLUDES INDEX NUMBERS 11 AND 12)

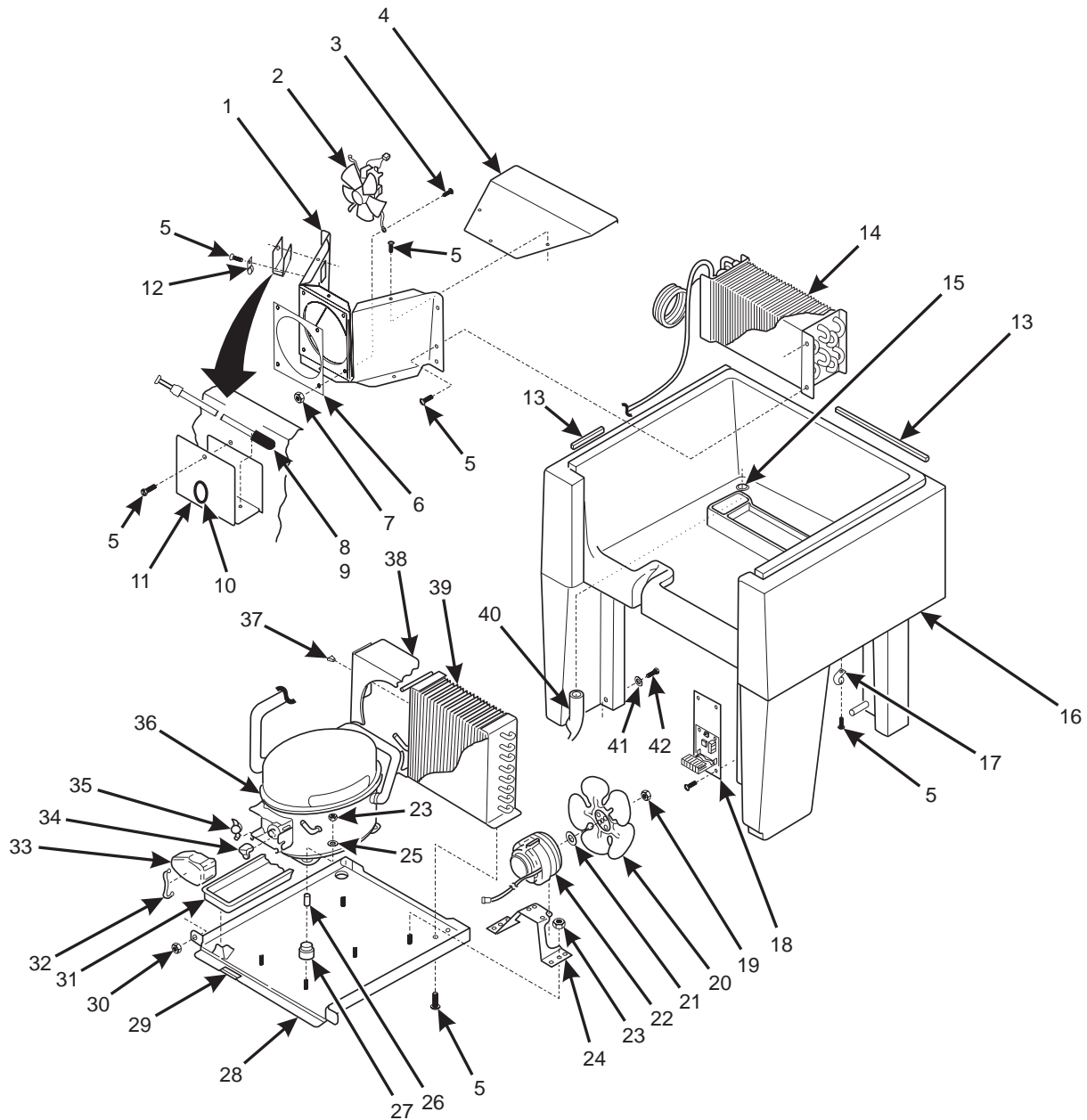


Figure 55. Refrigeration Module Assembly - Can - 110V - No Chill (Part 1 of 2)



TABLE 55. REFRIGERATION MODULE ASSEMBLY - CAN - 110V - NO CHILL (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4844005	REFRIGERATION MODULE ASSEMBLY FINAL - R134A - CAN	-
1	4744045	SHROUD - EVAPORATOR FAN	1
2	4724124	FAN - EVAPORATOR	1
3	9900019	SCREW #8-32 X 3/8 RHS	4
4	4744020	SHROUD - TOP	1
5	4721035	SCREW-#8-18 X .38-LGM	17
6	4744069	GASKET - EVAPORATOR FAN SHROUD	4
7	9900081	NUT #8-32 KEPS ZINC PLATE	4
8	4119013	PROBE - TEMPERATURE SENSOR	1
9	2204513	WIRE TIE # PLT 1.5 IM	1
10	4774013	BUSHING - OPEN/CLOSED - .38	1
11	4744030	PLATE - TEMPERATURE SENSOR	1
12	1452139	RETAINER HARNESS	1
13	4744017	GASKET - REFRIGERATION MODULE	1
14	4744075	EVAPORATOR ASSEMBLY	1
15	3128063	DRAIN WATER BATH	1
16	4744002	HOUSING - REFRIGERATION MODULE	1
17	4732024	RETAINER - HARNESS	1
18	4644008	TRIAC AND SUPPORT ASSEMBLY - CHILL/CAN	1
-	4727144	SCREW - #8-18X.62 HEX HEAD	3
-	4744056	SCREW - #8-18 X 2.00 LG. - TAP HHS	1
-	2221032	SPEED NUT - BALLAST	1
19	4043122	SPEED NUT 1/4 - 20 MORRIL S-6522-2	1
20	3608149	BLADE - CONDENSER FAN FV-700CW20P	1
21	4043121	SILENCER - FAN - MORRIL S-5847-1	1
22	4744112	MOTOR - CONDENSER FAN	1
-	3157060	SCREW - #8-32 X .31 HEX W/ HD. SLOTTED-T/F-ZINC PL	4
23	1211105	1/4-20 KEPS NUT EXT LW ZP	2
24	4744009	BRACKET - CONDENSER MOTOR	1
25	1140351	WASHER - STEEL 3/4 X .264 X .090	4
26	4724070	SLEEVE - 23/32" LENGTH	4
27	4724066	GROMMET - 11/16" HIGH	4
28	4844002	BASE & STUD ASSEMBLY - CONDENSER	1
29	4304192	LABEL - R134A - SMALL	1
30	1172021	NUT - 1/4-20 WHIZ-LOCK	2
31	4744022	PAN - CONDENSATE	1
32	3144055	STRAP - BALE - A.E.T.	1
33	3144057	COVER - TERMINAL - DS A.E.T.	1
34	4724065	RELAY	1
35	4724067	OVERLOAD - 143 FG	1
36	4744108	COMPRESSOR - AZ0370Y - R134A	1
37	4043082	CLIP SPEED DART STYLE	4

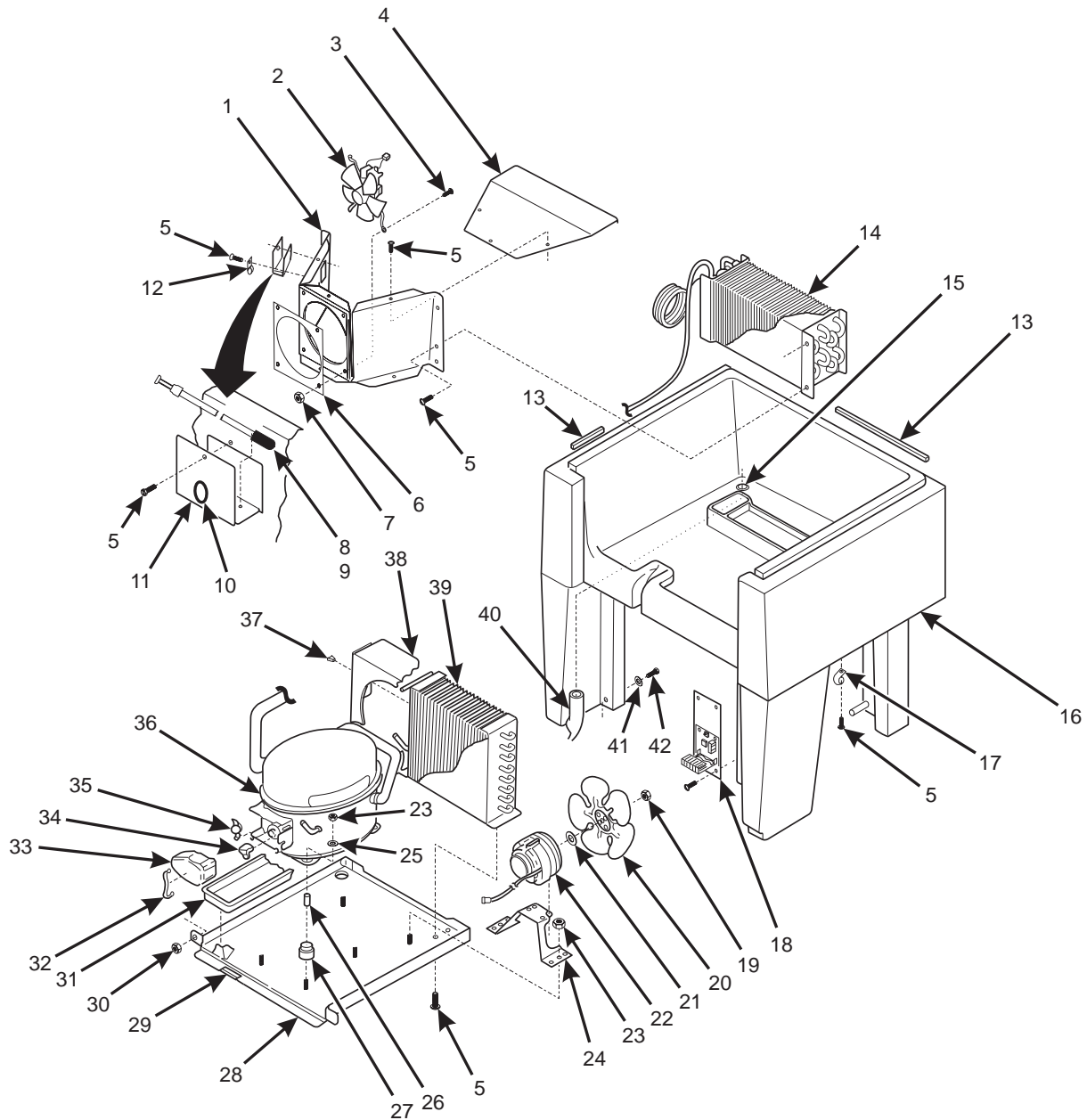


Figure 55. Refrigeration Module Assembly - Can - 110V - No Chill (Part 2 of 2)

TABLE 55. REFRIGERATION MODULE ASSEMBLY - CAN - 110V - NO CHILL (PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
38	3608146	SHROUD - CONDENSER FAN	1
39	4744109	CONDENSER - W/PROCESS TUBE	1
-	4849017	HARNESS - CAN/CHILLER COMPRESSOR	1
-	2204513	WIRE TIE #PLT 1.5IM (NOT SHOWN)	4
-	4304194	DRIER (NOT SHOWN)	1
-	4744080	TUBE - DRIER TO CAPTUBE (NOT SHOWN)	1
-	4744110	TUBE-DISCHARGE LINE-TECUMSEH (NOT SHOWN)	1
40	4301152	DRAIN - CONDENSATE	1
41	1140351	WASHER - STEEL 3/4 X .264 X .090	2
42	4614107	BOLT - .250-20 X 1.75 - HEX HD.	-

THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES

PART NUMBER	DESCRIPTION
4844004	SHROUD & FAN ASSEMBLY - EVAPORATOR (INCLUDES INDEX NUMBERS 1 - 5, 7, 8, 10)
4844003	COVER & TEMPERATURE SENSOR ASSEMBLY (INCLUDES INDEX NUMBERS 8, 9, 10, AND 40)
4744001	HOUSING ASSEMBLY - REFRIGERATION MODULE (INCLUDES INDEX NUMBERS 5, 13 - 15, 18)
4844006	REFRIGERATION MODULE ASSEMBLY - R134A - CAN (INCLUDES INDEX NUMBERS 5, 12, 19, 20, 22 - 24, 28, 29, 31, 36 - 39)

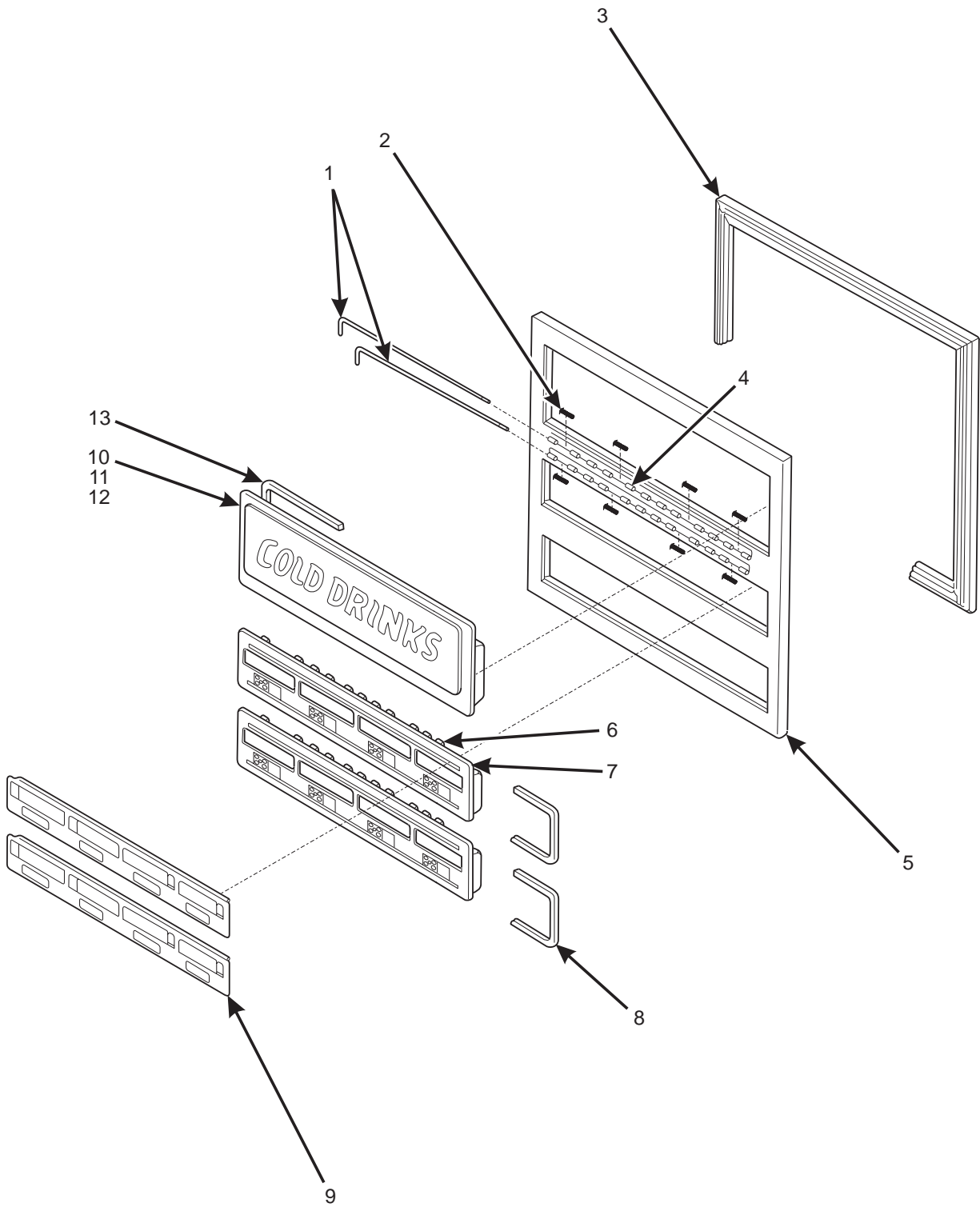


Figure 56. Can Unit Frame Assembly



TABLE 56. CAN UNIT FRAME ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4747065	FRAME ASSEMBLY - 8 SELECT	-
1	4747135	PIN - HINGE	3
2	4747064	SPRING - DOOR RETURN	14
3	4747003	GASKET - FRAME - 8 SELECT	1
4	4747121	HINGE - DELIVERY DOOR	3
-	2226380	SCREW - #6 - 19X.38 PHS T/C	18
-	4747128	NUT - 1.060 LONG - BLK.	18
5	4747127	FRAME - CAN MODULE - 8 SEL	1
6	4747122	HINGE - DOOR	2
-	2226380	SCREW - #6 - 19X.38 PHS T/C	5
-	4747131	NUT - .343 LONG - BLK.	5
7	4747134	DOOR - DELIVERY	2
8	4747009	GASKET - DELIVERY DOOR	2
9	4747111	RETAINER - LABEL	2
-	4747128	NUT - 1.060 LONG - BLK (ATTACHING PART FOR INDEX #9)	8
-	2226380	SCREW #6 - 19 X .38 PHS T/C	8
10	4747122	HINGE - DOOR	1
-	2226380	SCREW - #6 - 19X.38 PHS T/C	5
-	4747131	NUT - .343 LONG - BLK.	5
11	4747133	DOOR - LOADING	1
12	4727145	LABEL - LOADING DIAGRAM	1
13	4747014	GASKET - LOADING DOOR	1

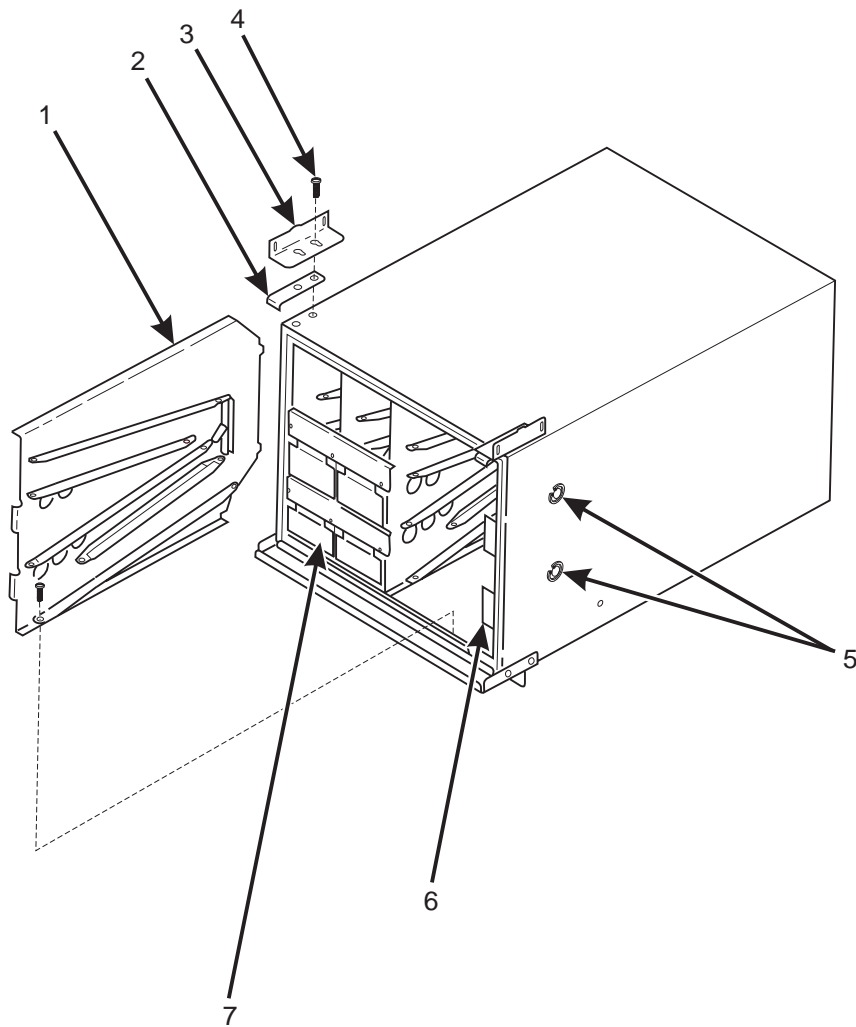


Figure 57. Can Compartment Assembly



TABLE 57. CAN COMPARTMENT ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4747015	CAN COMPARTMENT ASSEMBLY	-
1	4747110	DIVIDER AND RAIL ASSEMBLY	3
2	4747089	RETAINER - FRAME - UPPER	2
3	4741022	RETAINER - CAN MODULE	2
4	4727144	SCREW - #8-18 X .62 HEX HEAD	4
5	4747042	BUSHING - OPEN/CLOSED	4
6	4747044	ANGLE - EJECTOR MOUNTING CHANNEL	4
-	4721035	SCREW - #8-18 X .38-LGM (ATTACHING PART FOR INDEX #6)	8
7	4747028	MOUNTING CHANNEL ASSEMBLY - MOTOR AND EJECTOR	2
-	4721035	SCREW - #8-18 X .38-LGM (ATTACHING PART FOR INDEX #7)	10

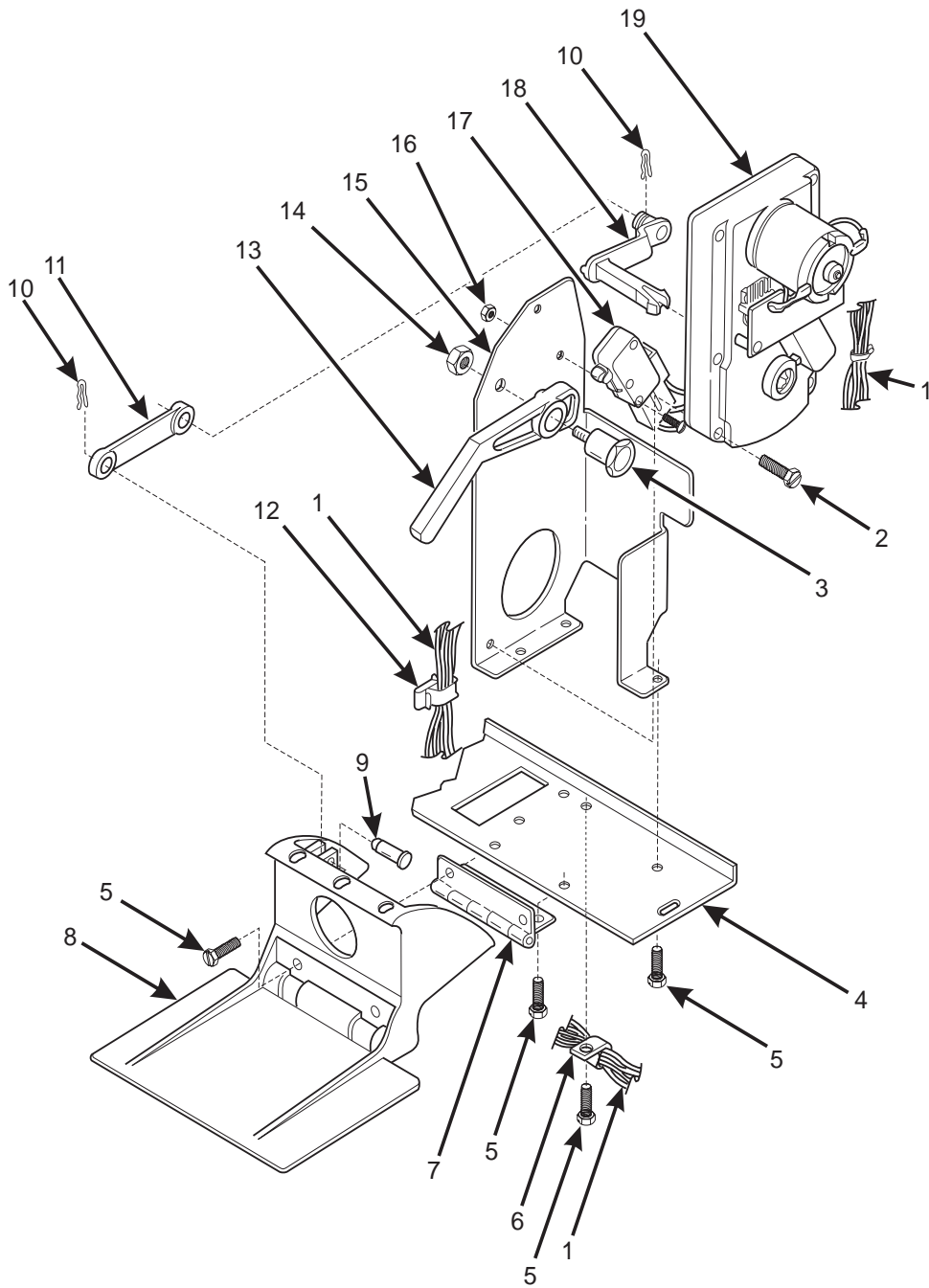


Figure 58. Motor and Ejector Mounting Channel Assembly



TABLE 58. MOTOR AND EJECTOR MOUNTING CHANNEL ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4847002	MOUNTING CHANNEL ASSEMBLY - MOTOR AND EJECTOR	-
1	4747032	HARNESSE - EJECTOR CHANNEL	1
2	1217160	4-40 X 5/8 RHS M SCREW Z/Y	4
3	1457099	STUD - TRAY ROLLER	4
4	4747029	CHANNEL - MOTOR AND EJECTOR MOUNTING	1
5	3157060	SCREW - #8-32 X .31 HEX W/ HD. SLOTTED - T/F - ZINC PL	32
6	2342315	CLIP - WIRE HARNESSE	8
7	4747038	HINGE - EJECTOR	1
8	4747039	CAM - EJECTOR	1
9	4747031	PIVOT PIN - EJECTOR CAM	4
10	2204092	PIN - COTTER - HAIR PIN	8
11	4747030	ARM - EJECTOR DRIVE	4
12	1212159	CLIP - WIRE	1
13	4747036	SWITCH ACTUATOR - SOLD OUT	1
14	1407048	10-32 M/F #21TWA1032 ZP	4
15	4747034	BRACKET - MOTOR MOUNTING	1
16	2366091	SWITCH - ROLLER - LEVER	1
17	1217159	4-40 KEPS W/EXT L/WAS H ZP	4
18	4747035	CAM - EJECTOR DRIVE	1
19	1477112	PCB AND MOTOR ASSEMBLY	1

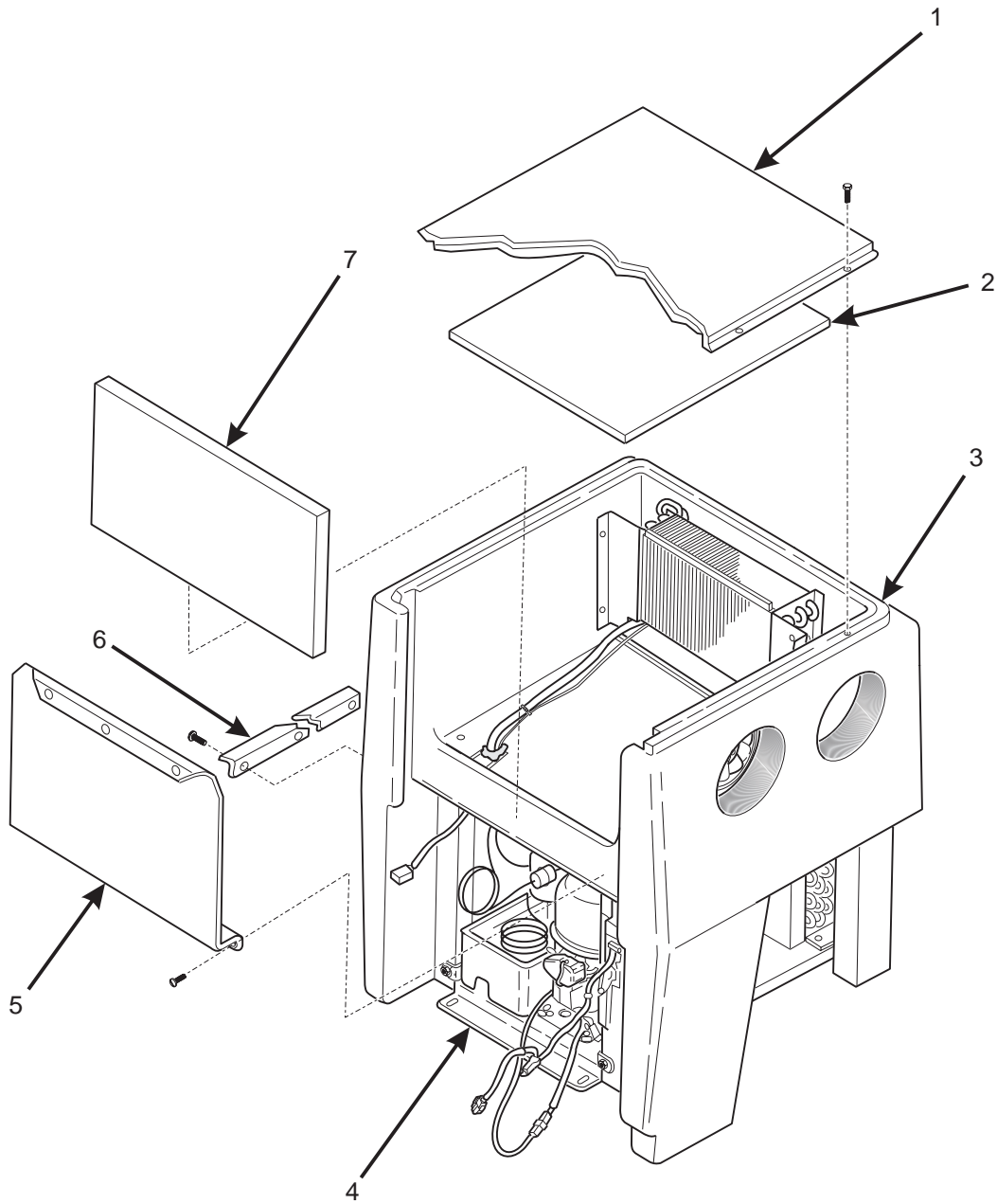


Figure 59. Refrigeration Module - GCS-1/GCS-2



TABLE 59. REFRIGERATION MODULE - GCS-1/GCS-2

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4614080	COVER - REFRIGERATION MODULE HOUSING	1
-	4727144	SCREW - #8-18 X .62 HEX HEAD	9
2	4614118	INSULATION - REFRIGERATION HOUSING - TOP	1
3	4614117	HOUSING - REFRIGERATION MODULE	1
4	4644002	COOLING UNIT FINAL ASSEMBLY - SEE FIGURE 60 FOR BREAKDOWN	1
5	4744042	DOOR RETAINER	1
-	4727144	SCREW - #8-18 X .62 HEX HEAD	3
6	4614047	SUPPORT - INSULATION (464 ONLY)	1
-	4727144	SCREW - #8-18 X .62 HEX HEAD	3
7	4744027	DOOR - REFRIGERATION MODULE	1

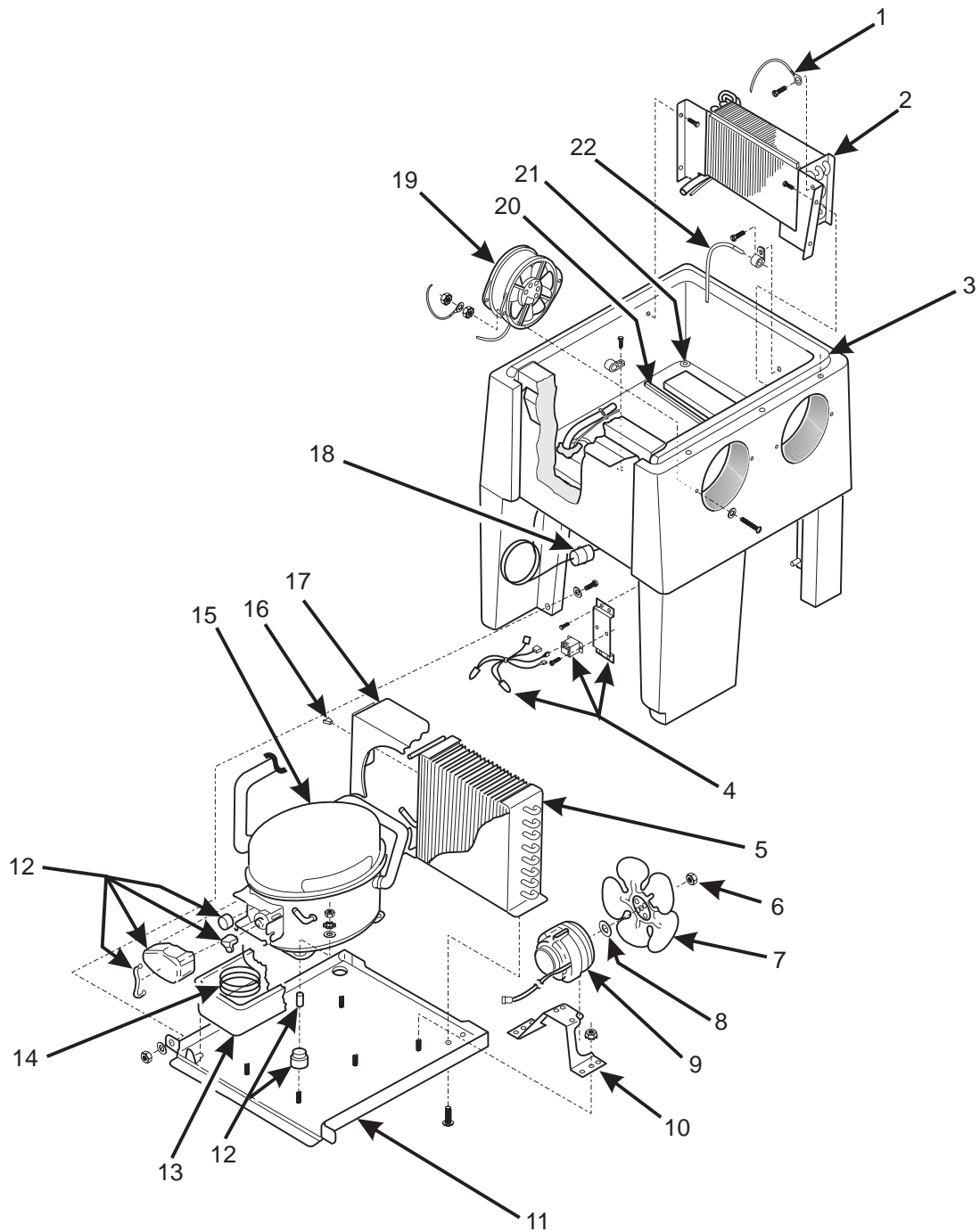


Figure 60. Refrigeration Unit - GCS-1/GCS-2



TABLE 60. REFRIGERATION UNIT - GCS-1/GCS-2

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4644000	REFRIGERATION UNIT	-
1	9984094	WIRE - GROUND - 14"	1
-	4721035	SCREW - #8-18 X .38 -LGM	1
-	9900081	NUT - #8-32 KEPS ZINC PLATE	1
2	4614124	EVAPORATOR & TUBE ASSEMBLY	1
-	4727144	SCREW - #8-18 X .62 HEX HEAD	4
3	4614057	SEAL (EVAPORATOR TO COVER)	1
4	4644008	TRIAC & SUPPORT ASSEMBLY - CHILL/CAN	1
5	4614139	COIL - CONDENSER	1
-	4721035	SCREW - #8-18 X .38 -LGM	4
6	4043122	SPEED NUT 1/4-20 MORRIL S-65	1
7	4774027	BLADE - CONDENSER FAN	1
8	4043121	SILENCER - FAN - MORRIL S-5847-1	1
9	4304092	MOTOR - CONDENSER FAN	1
-	1211105	1/4-20 KEPS NUT EXT LW ZP	2
10	4744009	BRACKET - CONDENSER MOTOR	1
11	4614079	BASE & STUD ASSEMBLY - CONDENSOR	1
-	4614107	BOLT - .250-20 X 1.75 - HEX HD.	2
-	1140351	WASHER - STEEL 3/4 X .264 X .090	2
-	6131066	WASHER - 5/8 X .265 X .048 ZINC/YEL	2
-	1172021	NUT - 1/4-20 WHIZ-LOCK	2
12	4614019	PAN - CONDENSATE	1
13	4614143	TUBE - DISCHARGE LINE - TECUMSEH	1
14	4614136	BAG - COMPRESSOR COMPONENTS - 115V	1
15	4614135	COMPRESSOR - 115V - R134A	1
-	1140351	WASHER STEEL 3/4 X .264 X .090	4
-	1211105	1/4-20 KEPS NUT EXT LW ZP	4
16	4043082	CLIP - SPEED DART STYLE	4
17	4774026	SHROUD - CONDENSER FAN	1
18	4304194	DRIER	1
19	4614144	FAN - EVAPORATOR - AXIAL	1
-	4774058	SCREW - #8-32-3.0" TRUSS HD	2
-	9900121	WASHER - STEEL 7/16 X.203 X.032	2
-	9900081	NUT - #8-32 KEPS ZINC PLATE	2
20	4614059	DAM-CONDENSATE	1
21	4301152	DRAIN-CONDENSATE	1
22	4119013	PROBE-TEMPERATURE SENSOR	1

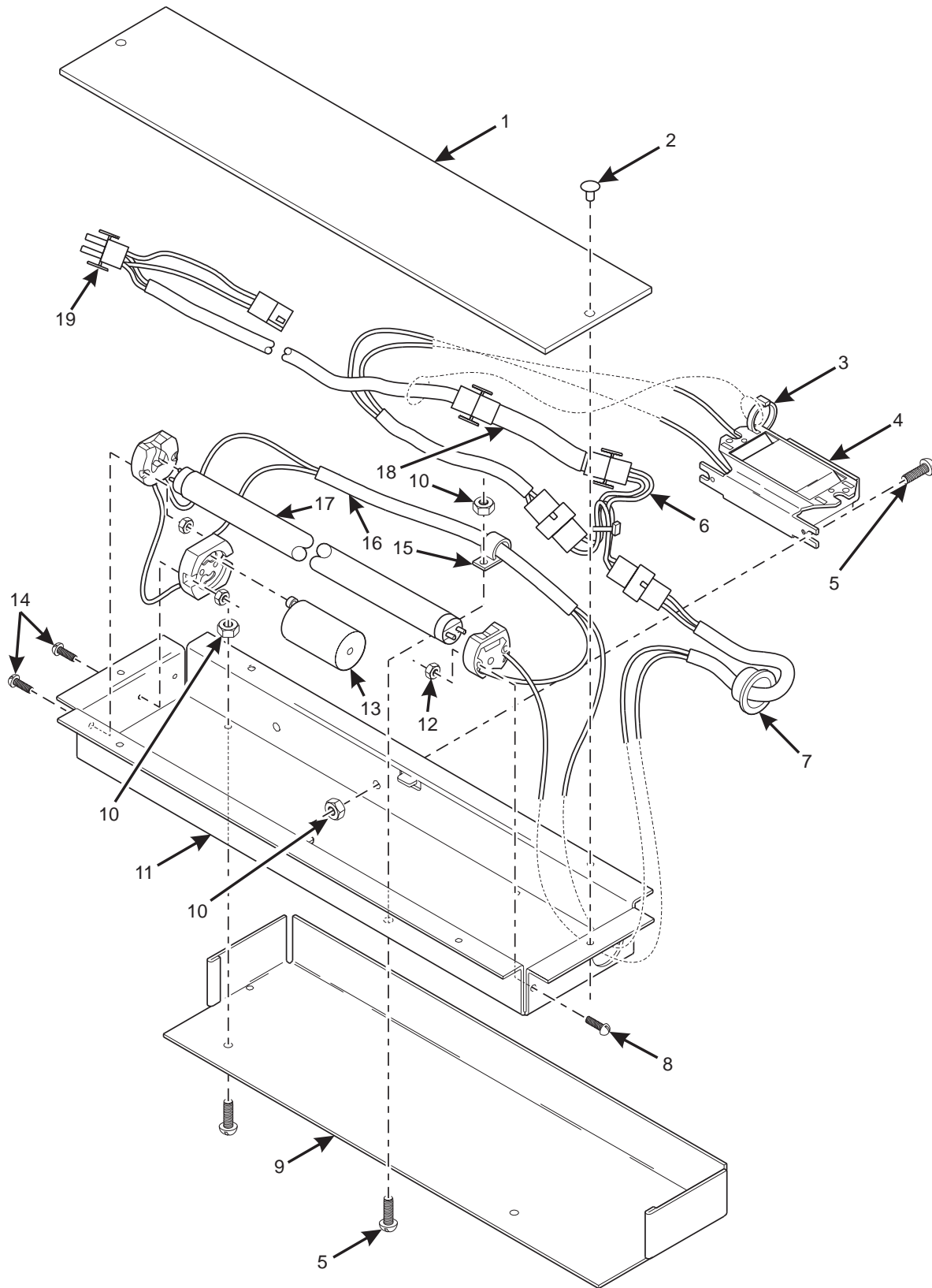


Figure 61. Fluorescent Light Assembly (493 With Refrigerated Food Module)



TABLE 61. FLUORESCENT LIGHT ASSEMBLY (493 WITH REFRIGERATED FOOD MODULE)

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4852019	FLUORESCENT LIGHT ASSEMBLY - COVERED - 110V	-
	4852020	FLUORESCENT LIGHT ASSEMBLY - COVERED - 230V	
1	4401013	DIFFUSER - LIGHT	1
2	4042556	CANOE CLIP	2
3	4042121	WIRE TIE	1
4	4401016	BALLAST ASSEMBLY - 110 V	1
	4881005	BALLAST ASSEMBLY - 230 V	
5	9900019	SCREW #8-32 X 3/8 RHS	5
6	3156032	JUMPER - FILTER AND FLUORESCENT LIGHT	1
7	4747042	BUSHING - OPEN/CLOSED	1
8	1212139	4 - 40X1/2 RHS MACH SCR ZP	2
9	4881004	COVER - LIGHT	1
10	9900081	NUT #8-32 KEPS ZINC PLATE	5
11	4401025	HOUSING - LIGHT	1
12	2222227	NUT - #4-40 SELF LOCKING	6
13	1212148	FLUORESCENT STARTER FS 5	1
14	1212139	4 - 40X1/2 RHS MACH SCR ZP	4
15	1452139	RETAINER - HARNESS	1
16	4401010	HARNESS - FLUORESCENT LIGHT - FOOD MODULE	1
17	2146059	LAMP FLUORESCENT 8 WATT F8T5/CW 24/CS	1
18	1451124	SUPPRESSION NETWORK ASSEMBLY - 110 V	1
	6332010	SUPPRESSION NETWORK ASSEMBLY - 230 V	
19	4859009	JUMPER - FLUORESCENT LIGHT - FOOD MODULE POWER (110 V)	1
	4859008	HARNESS - FLUORESCENT LIGHT - POWER (230 V)	

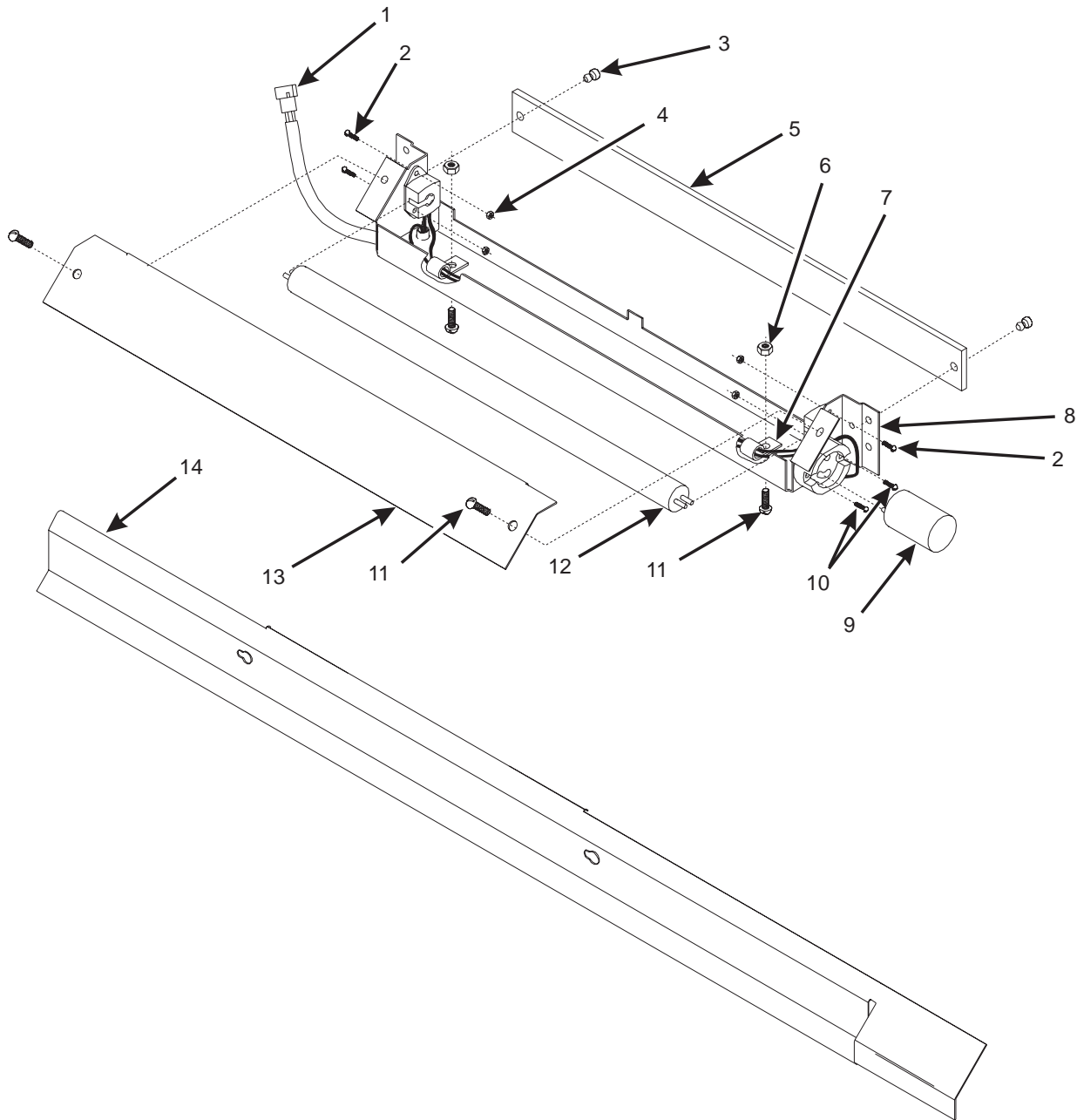


Figure 62. Fluorescent Light Assembly (490 With Refrigerated Food Module)



TABLE 62. FLUORESCENT LIGHT ASSEMBLY (490 WITH REFRIGERATED FOOD MODULE)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4849008	HARNESS - FLOURESCENT LIGHT - FOOD MODULE	1
2	6106341	SCREW - #4 40 X 3/8 RHS	3
3	4042556	CANOE CLIP	2
4	2222227	NUT - #4-40 SELF LOCKING	5
5	4842004	DIFFUSER - LIGHT	1
6	9900081	NUT - #8-32 KEPS ZINC PLATE	2
7	1452139	RETAINER - HARNESS	2
8	4842003	HOUSING - LIGHT - COMMON	1
9	1212148	FLUORESCENT STARTER FS 5	1
10	1212139	4-40X1/2 RHS MACH SCR ZP	2
11	9900019	SCREW - #8-32 X 3/8 RHS	4
12	2146059	LAMP - FLUORESCENT - 8WATT F8T5/CW 24/CS	1
13	4842002	COVER - LIGHT - COMMON (110 V)	1
14	4842010	COVER - LIGHT - COMMON (230 V)	

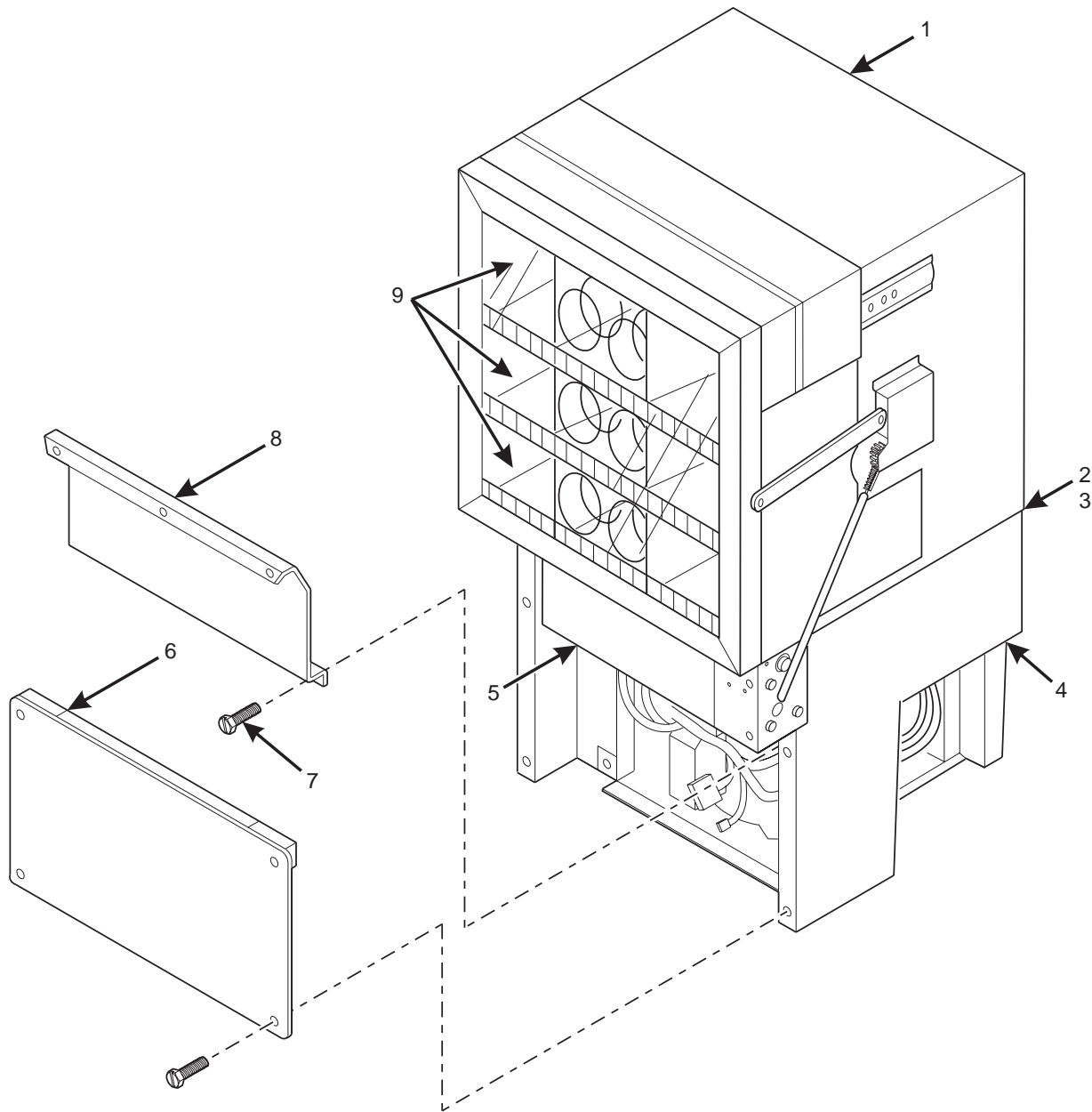


Figure 63. Refrigerated Food Module and Housing Assembly



TABLE 63. REFRIGERATED FOOD MODULE AND HOUSING ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4847005	REFRIGERATED FOOD MODULE ASSEMBLY (SEE FIGURE 64)	1
2	4404013	GASKET - REFRIGERATION MODULE - OUTSIDE	1
3	4744017	GASKET - REFRIGERATION MODULE	1
4	4844007	REFRIGERATION MODULE ASSEMBLY - 110 V (SEE FIGURE 65)	1
	4874006	REFRIGERATION MODULE ASSEMBLY - 230 V (SEE FIGURE 65)	
5	4744027	DOOR - REFRIGERATION MODULE	1
6	1581028	COVER & SEAL ASSY-COMPRESSOR	1
7	4727144	SCREW-#8-18X.62 HEX HEAD	6
8	4744042	DOOR - RETAINER	1
9	-	TRAY ASSEMBLIES (SEE FIGURE 68 FOR DETAILS)	3

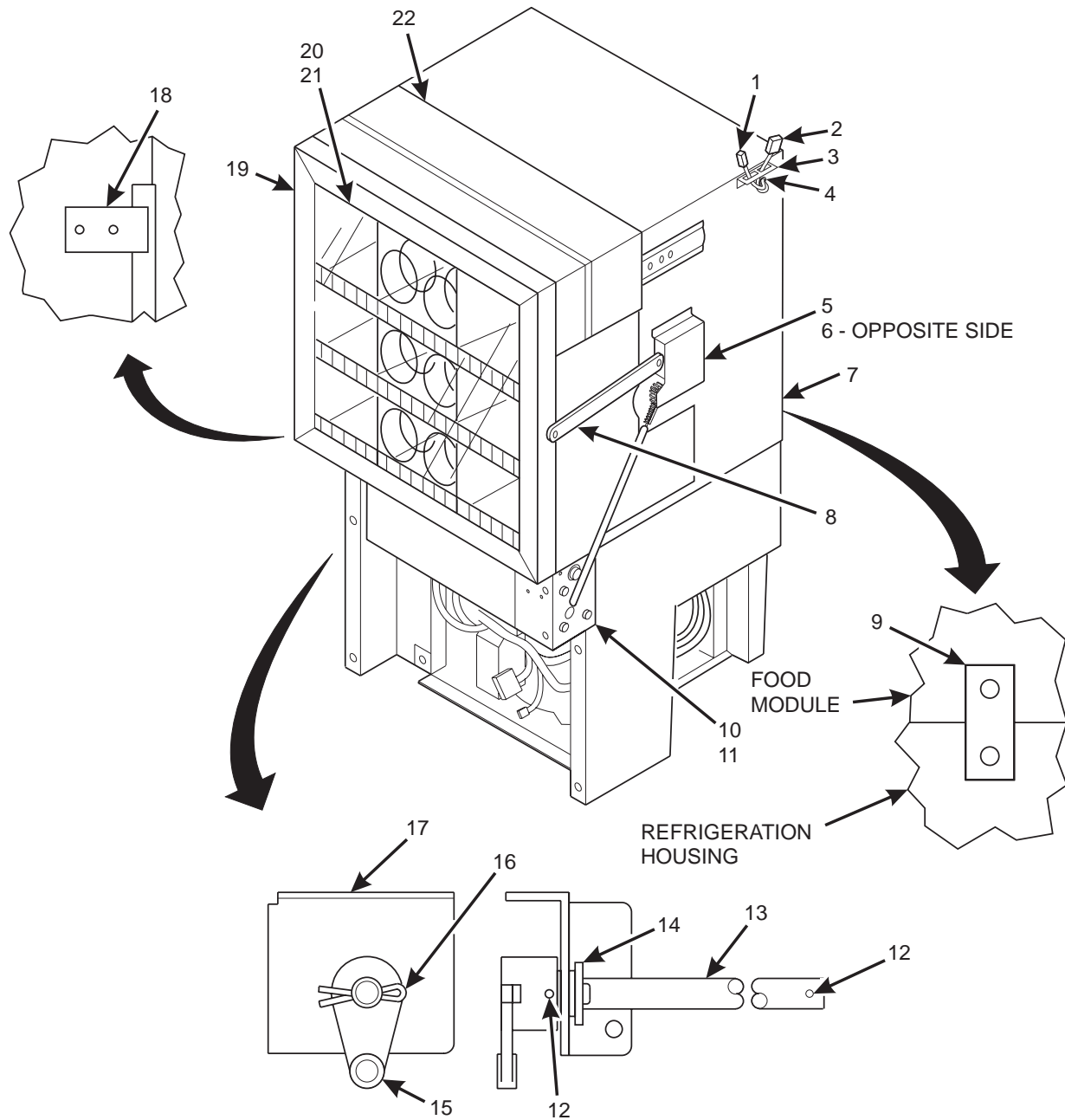


Figure 64. Major Components - Refrigerated Food Module



TABLE 64. MAJOR COMPONENTS - REFRIGERATED FOOD MODULE

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4119013	PROBE - TEMPERATURE SENSOR	1
2	4407009	JUMPER - CHANNEL PCB - FOOD MODULE	1
3	4407002	BRACKET - CABLE PLUG	1
-	4721035	SCREW - #8-18 X .38 - LGM	2
4	3502097	BUSHING #OCB - 500	1
5	4407069	DRIVE ARM ASSEMBLY - R.H. (SEE FIGURE 72 FOR DETAILS)	1
-	9900425	RETAINING RING REINF E TYP. 312	1
-	1451097	SCREW - #8-32X.31 HEX HD.TF - BLK.	5
6	4407052	DRIVE ARM ASSEMBLY - L.H. (SEE FIGURE 71 FOR DETAILS)	1
-	9900425	RETAINING RING REINF E TYP. 250	-
-	1451097	SCREW - #8-32X.31 HEX HD.TF-BLK.	-
7	4407026	HOUSING & LINER ASSEMBLY - FOOD MODULE	1
8	9900431	RETAINING RING REINF E TYP. 312	1
9	4747062	MOUNTING STRAP - CAN MODULE	2
-	4721035	SCREW-#8-18 X .38-LGM	-
-	4727144	SCREW-#8-18X.62 HEX HEAD	-
10	4407077	MOTOR MOUNTING BRACKET ASSEMBLY (SEE FIGURE 73 FOR DETAILS)	1
-	4721035	SCREW-#8-18 X .38-LGM	3
-	4727144	SCREW-#8-18X.62 HEX HEAD	1
11	4747725	COVER - MOTOR ASSEMBLY	1
-	1451097	SCREW-#8-32X.31 HEX HD.TF-BLK.	5
-	4407086	DRIVE SHAFT ASSEMBLY (INCLUDES INDEX NUMBERS 12 - 17)	1
12	3127034	ROLL PIN 1/8 X 13/16	2
13	4407087	SHAFT - DRIVE	1
14	4047012	SHOULDER BUSHING	1
15	4407079	ARM - DRIVE	1
16	9900098	COTTER PIN 3/32 X 3/4 IN	2
17	4407088	BRACKET - DRIVE SHAFT	1
18	4407004	GUIDE - DOOR FRAME SUPPORT	1
-	4721035	SCREW	2
-	4727144	SCREW	1
19	4407115	DOOR ASSEMBLY - REFRIGERATED FOOD MODULE (SEE FIGURE 70 FOR DETAILS)	1
-	5500026	SCREW - 8-32 X 3/8 PHS T/F	-
20	4741223	DECAL - COLD/FROZEN FOOD	1
21	4612001	DECAL - "CHILLED FOR FRESHNESS"	1
22	4747716	DOOR FRAME ASSEMBLY (SEE FIGURE 66 FOR DETAILS)	1
-	5500026	SCREW - 8-32 X 3/8 PHS T/F	-

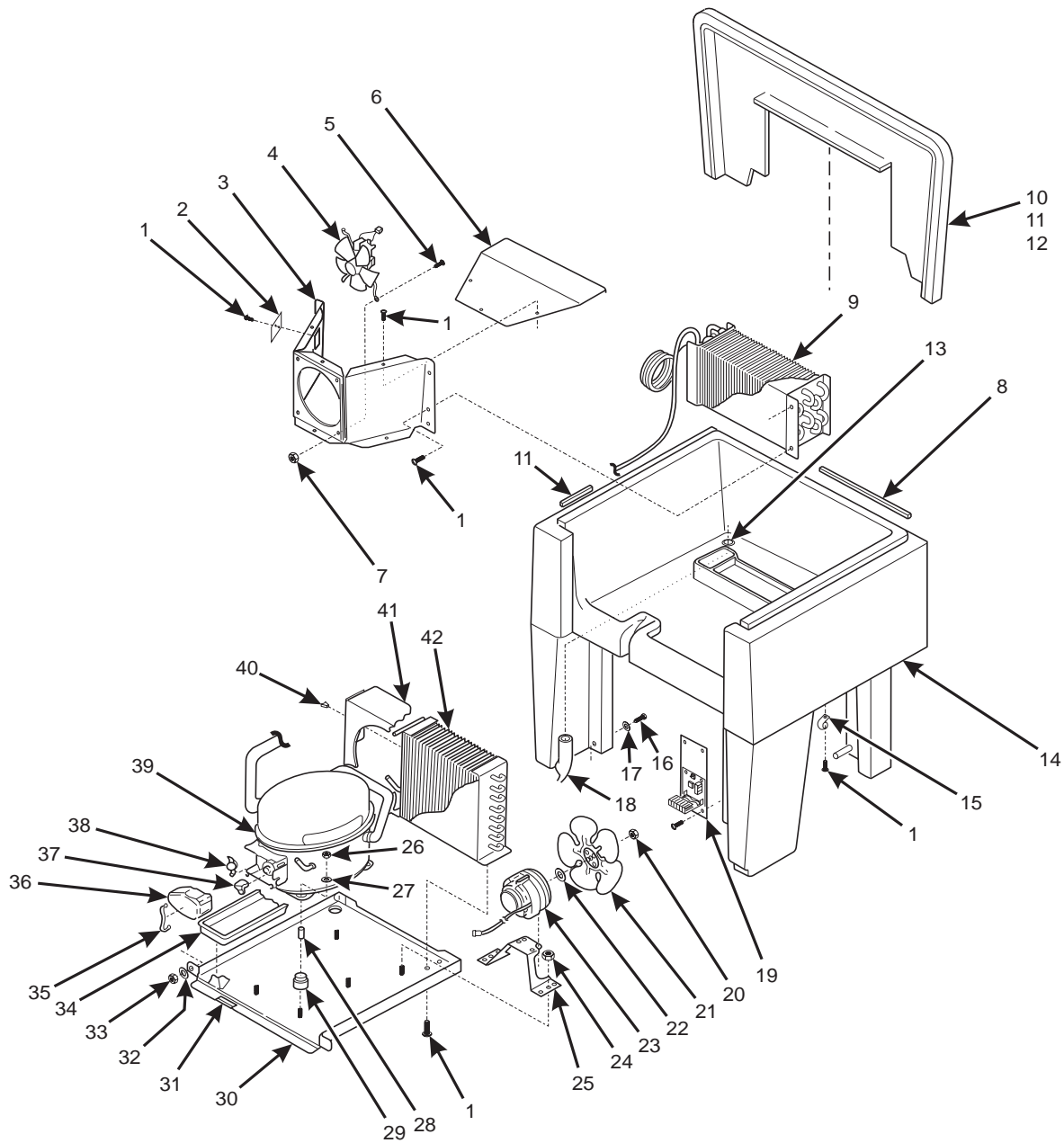


Figure 65. Refrigeration Module Assembly - Food (Part 1 of 2)



TABLE 65. REFRIGERATION MODULE ASSEMBLY - FOOD (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4844007	REFRIGERATION MODULE ASSEMBLY FINAL - FOOD	-
1	4721035	SCREW-#8-18 X .38-LGM	17
2	4404006	PLATE - EVAPORATOR FAN SHROUD	1
3	4744045	SHROUD - EVAPORATOR FAN	1
4	4724124	FAN - EVAPORATOR	1
5	9900019	SCREW #8-32 X 3/8 RHS	4
6	4744020	SHROUD - TOP	1
7	9900081	NUT #8-32 KEPS ZINC PLATE	4
8	4744017	GASKET - REFRIGERATION MODULE	1
9	4744075	EVAPORATOR ASSEMBLY	1
10	4404003	BAFFLE - REFRIGERATION	1
11	4404015	GASKET - BAFFLE - TOP	1
12	4404016	GASKET - BAFFLE - BOTTOM	1
13	3128063	DRAIN WATER BATH	1
14	4744002	HOUSING - REFRIGERATION MODULE	1
15	4732024	RETAINER - HARNESS	1
16	4614107	BOLT - .250-20 X 1.75 - HEX HD.	2
17	1140351	WASHER - STEEL 3/4 X .264 X .090	6
18	4301152	DRAIN - CONDENSATE	1
19	4844019	TRIAC & SUPPORT ASSEMBLY - REFRIGERATED	1
-	4727144	SCREW - #8-18X.62 HEX HEAD	3
-	4744056	SCREW - #8-18 X 2.00 LG. - TAP HHS	1
-	2221032	SPEED NUT - BALLAST	1
20	4043122	SPEED NUT 1/4 - 20 MORRIL S-6522-2	1
21	3608149	BLADE - CONDENSER FAN FV-700CW20P	1
22	4043121	SILENCER - FAN - MORRIL S-5847-1	1
23	4744112	MOTOR - CONDENSER FAN	1
24	1211105	1/4-20 KEPS NUT EXT LW ZP	6
25	4744009	BRACKET - CONDENSER MOTOR	1
26	1211105	1/4-20 KEPS NUT EXT LW ZP	6
27	1140351	WASHER - STEEL 3/4 X .264 X .090	6
28	4724070	SLEEVE - 23/32" LENGTH	4
29	4724066	GROMMET - 11/16" HIGH	1
30	4844002	BASE & STUD ASSEMBLY - CONDENSER	2
31	4304192	LABEL - R134A - SMALL	4
32	6131066	WASHER 5/8 X .265 X .048 ZINC/YEL	2
33	9900184	NUT 1/4 - 20 SELF-LOCKING	2
34	4744022	PAN - CONDENSATE	1

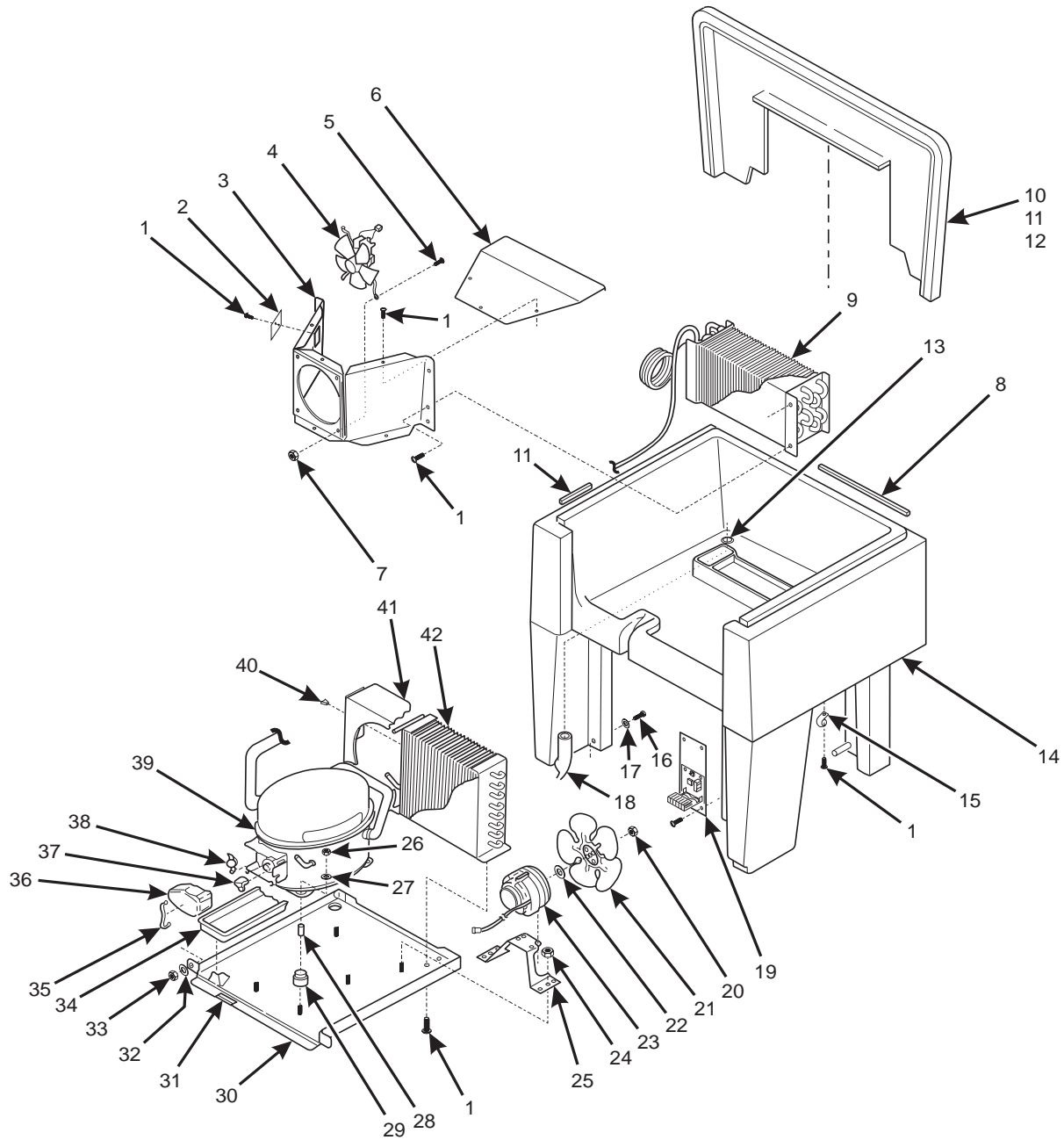


Figure 65. Refrigeration Module Assembly - Food (Part 2 of 2)

TABLE 65. REFRIGERATION MODULE ASSEMBLY - FOOD (PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
35	3144055	STRAP - BALE - A.E.T.	1
36	3144057	COVER - TERMINAL - DS A.E.T.	1
37	4724065	RELAY	1
38	4724067	OVERLOAD - 143 FG	1
39	4744108	COMPRESSOR - AZ0370Y - R134A	1
40	4043082	CLIP SPEED DART STYLE	4
41	3608146	SHROUD - CONDENSER FAN	1
42	4744109	CONDENSER - W/PROCESS TUBE	1
-	4744564	HARNESS - COMPRESSOR - R134A - CAN (NOT SHOWN)	1
-	2204513	WIRE TIE #PLT 1.5IM (NOT SHOWN)	4
-	4304194	DRIER (NOT SHOWN)	1
-	4744080	TUBE - DRIER TO CAPTUBE (NOT SHOWN)	1
-	4744110	TUBE-DISCHARGE LINE-TECUMSEH (NOT SHOWN)	1

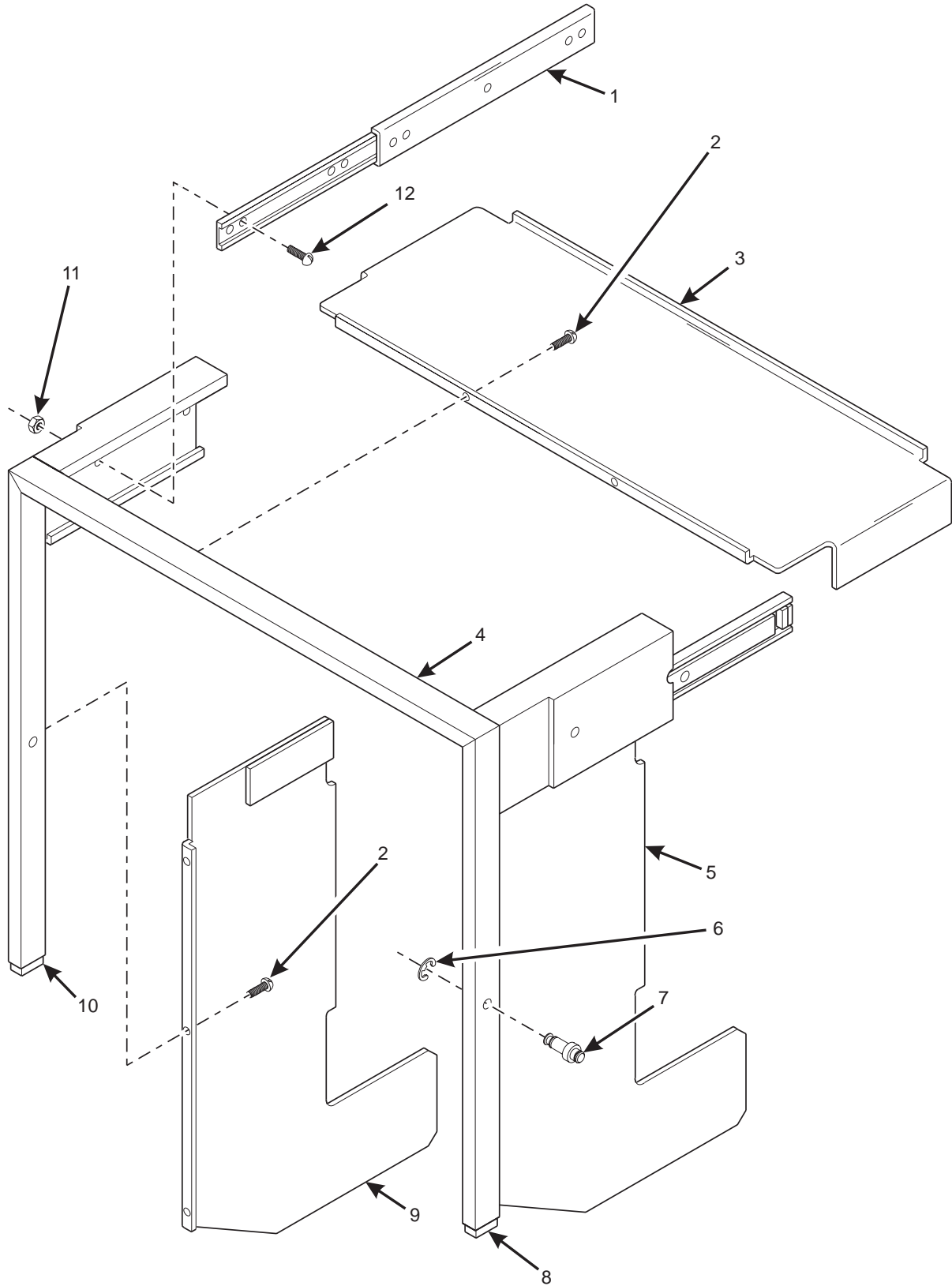
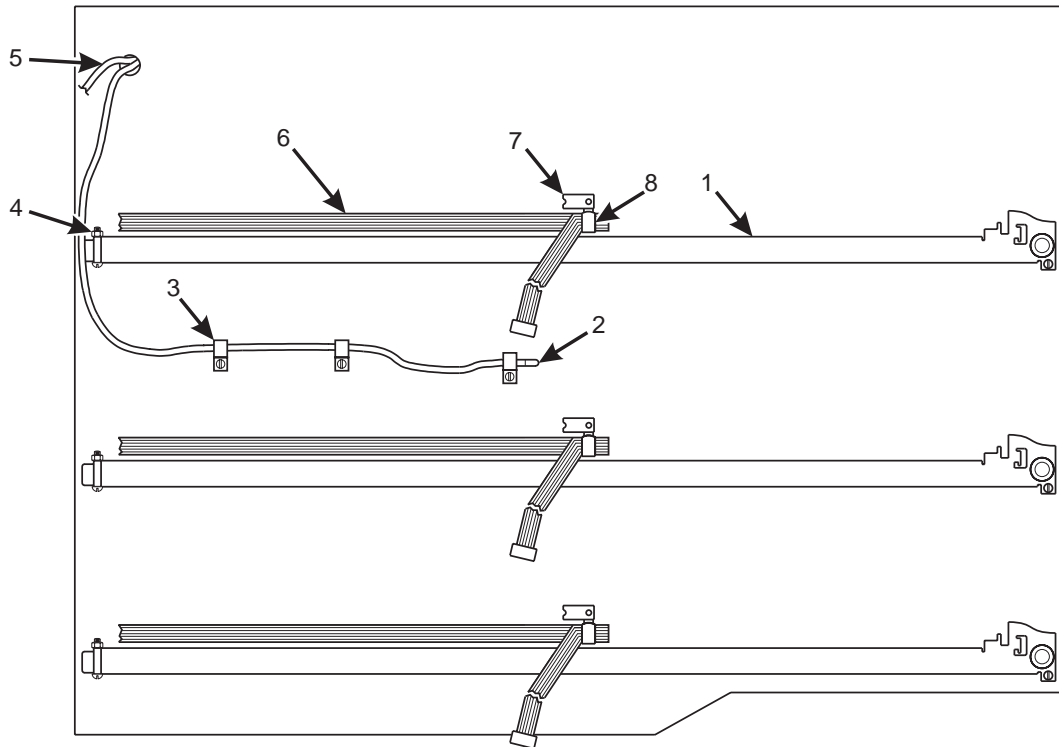


Figure 66. Food Module Door Frame Assembly



TABLE 66. FOOD MODULE DOOR FRAME ASSEMBLY

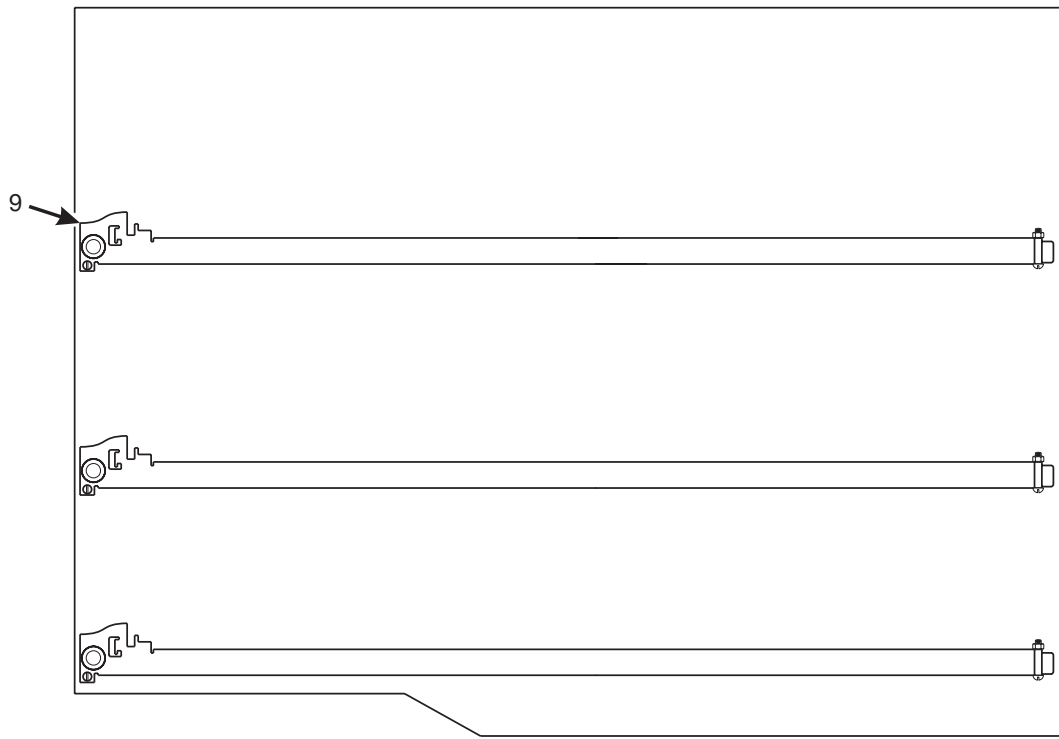
INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4747716	DOOR FRAME ASSEMBLY	1
1	4407103	SLIDE - 10"	2
2	1451097	SCREW - #8-32X.31 HEX HD.TF - BL	8
3	4407106	SHIELD - TOP	1
4	4407107	DOOR FRAME WELD ASSEMBLY	1
5	4407159	SHIELD - SIDE - RIGHT SIDE	1
6	9900431	RETAINING RING REINF E TYP.3	1
7	4407102	STUD - DOOR LATCH	1
8	1479120	CAPLUG - REC. 1/2 X 1	1
9	4407158	SHIELD - SIDE - LEFT HAND	1
10	4407101	SUPPORT - DOOR FRAME	1
11	1412046	8 - 32 NUT MF 23TW832 BLOX	4
12	1170206	SCREW #8 - 32X3/8 THS BLACK	4



BACK

CABINET INTERIOR RIGHT SIDE VIEW

FRONT



FRONT

CABINET INTERIOR LEFT SIDE VIEW

BACK

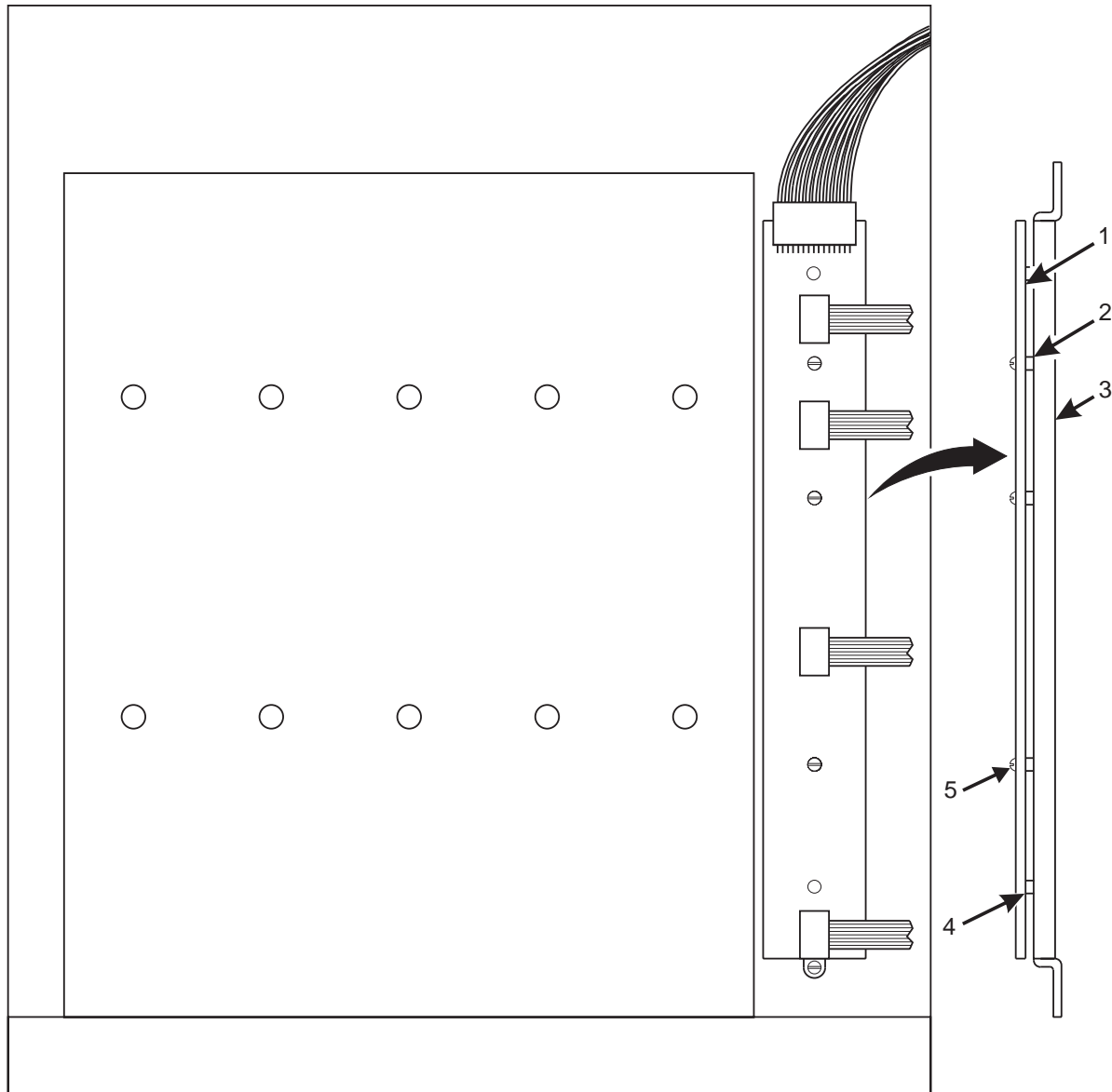
Figure 67. Refrigerated Food Module - Interior View (Part 1 of 2)



TABLE 67. REFRIGERATED FOOD MODULE - INTERIOR VIEW (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4407021	RAIL & ROLLER ASSEMBLY - R.H.	3
-	4402038	SCREW (ATTACHING PARTS FOR ITEM #1)	3
2	4119013	PROBE - TEMPERATURE SENSOR	1
3	2342315	CLIP - WIRE HARNESS	3
-	4402038	SCREW (ATTACHING PARTS FOR ITEM #3)	3
4	4407016	WIRE COVER - 6138236 - .208 ID X .88	6
-	4402037	SCREW (ATTACHING PARTS FOR ITEM #4)	6
-	6104424	NUT (ATTACHING PARTS FOR ITEM #4)	6
5	4407009	JUMPER - CHANNEL PCB - FOOD MODULE	1
6	4402010	FLAT CABLE ASSEMBLY	3
7	4407156	KEEPER - HARNESS	3
-	4402038	SCREW (ATTACHING PARTS FOR ITEM #7)	3
8	4407014	RETANGULAR CLOSURE	3
9	4407017	RAIL & ROLLER ASSEMBLY - L.H.	3
-	4402038	SCREW (ATTACHING PARTS FOR ITEM #9)	3

TOP



CABINET INTERIOR BACK VIEW

Figure 67. Refrigerated Food Module - Interior View (Part 2 of 2)



TABLE 67. REFRIGERATED FOOD MODULES - INTERIOR VIEW (PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4401000	PCB ASSY-CHANNEL-FOOD MOD	1
2	4407025	SPACER	3
3	4407146	BRACKET-P.C.BOARD (PAINTED)	1
4	4407024	SUPPORT-CIR.BD.-MINIATURE	2
5	6107240	SPACER	3

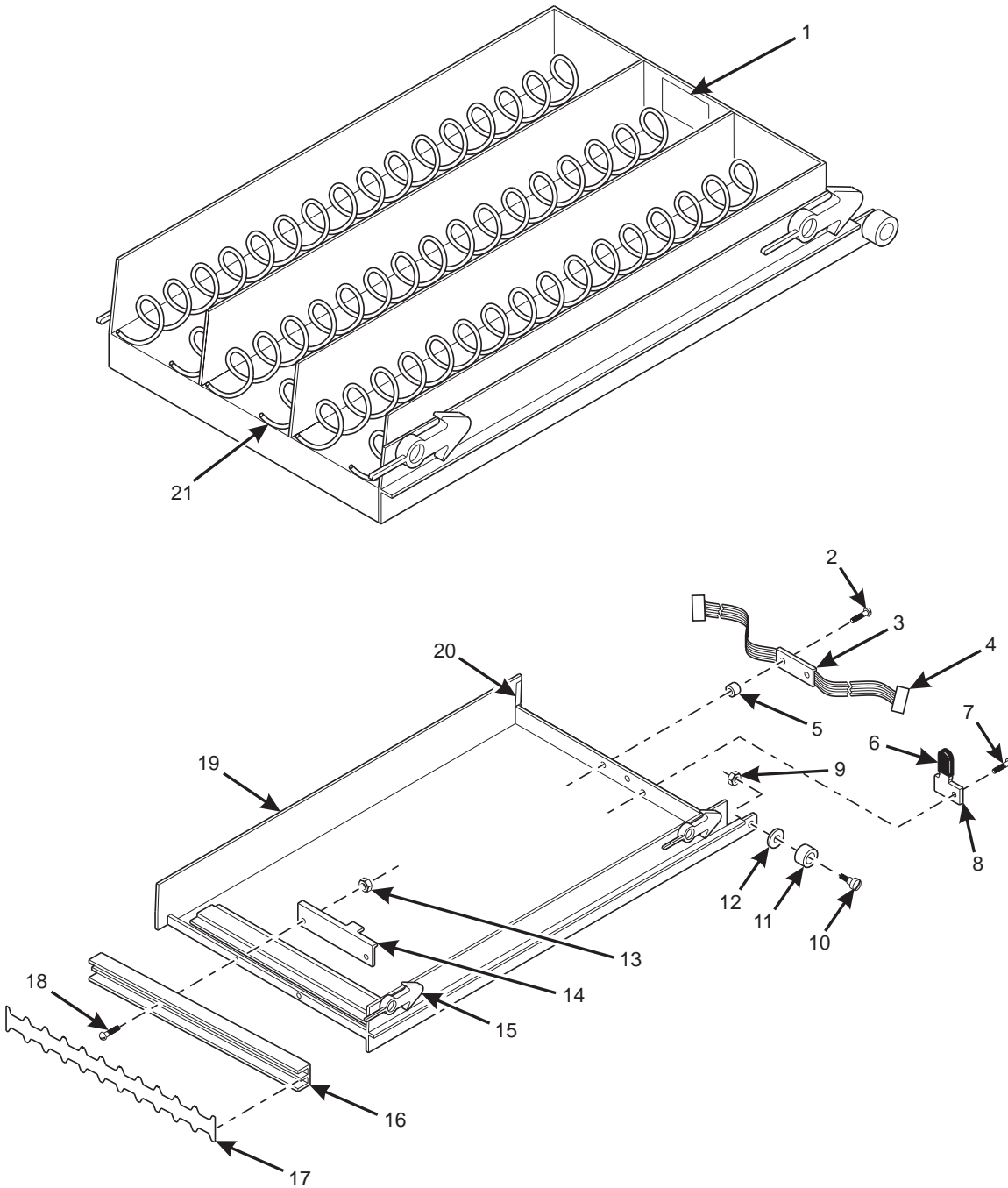


Figure 68. General Tray Assemblies - Refrigerated Food Module



TABLE 68. GENERAL TRAY ASSEMBLIES - REFRIGERATED FOOD MODULE

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4757500	LABEL - TRAY REMOVAL	1
2	6107240	SCREW - #6-32 X 1/2 PHS - T/CS.S.	2
3	4402008	PCB ASSEMBLY - TRAY - FOOD MODULE	1
4	4407501	HARNESS - 6 MOTOR - FOOD MODULE	1
5	4407025	SPACER - .38 ODX.14IDX.187L	2
6	4407014	RETANGULAR CLOSURE	1
7	4402038	SCREW #8 - 15X.38 STAINLESS	1
8	4407516	RETAINER - HARNESS	1
9	4402046	NUT #1/4 - 20 SELF LOCKING - SS	2
10	4407514	STUD - TRAY ROLLER	2
11	4407019	ROLLER - TRAY	2
12	4402041	WASHER - 5/8X9/32X1/16 - S.S.	2
13	4402043	NUT #8-32 W/L.W. - S.S.	2
14	4407845	RETAINER - SPIRAL MODULE (USED WITH INDEX #21 ONLY)	1
15	1477017	LATCH	4
16	5201267	PUSH ON RETAINER .312	4
-	4407503	RAIL - PRICE & SELECTION	1
17	4407504	HOLDER - PRICE & SELECTION	1
18	3108221	SCREW #8-32 X 3/8 PHS ST.STL.	2
19	4402034	TRAY WELD ASSEMBLY (PAINTED)	1
20	4407502	GROMMET - 3156015 - 2.0 LG.	1
21	4407800	SPIRAL MODULE ASSEMBLY - 3 SELECT (SEE FIGURE 69 FOR DETAILS)	OPT.
-	3104138	SCREW #8-32 X 3/8 PHS T/C SS	-

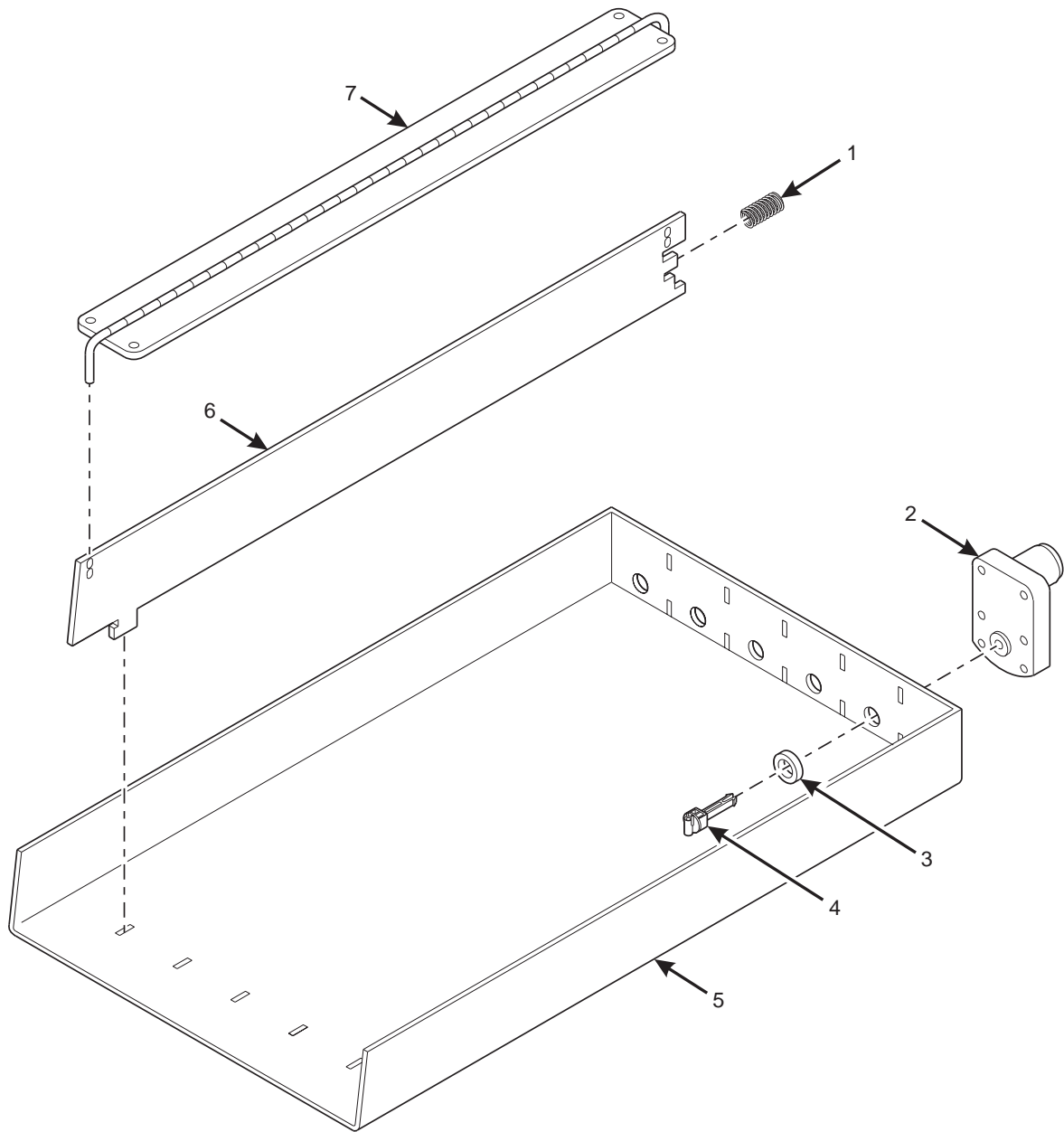


Figure 69. Spiral Module Assembly

TABLE 69. SPIRAL MODULE ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
1	4407808	SPRING - DIVIDER	2
2	4744555	MOTOR & PCB ASSEMBLY	6
3	4407803	SPACER - MOTOR	6
4	1477113	COUPLING - SPIRAL	6
5	4407842	FRAME ASSY - SPIRAL MODULE	1
6	4407844	DIVIDER - SPIRAL MODULE	2
7	4407843	SPACER - ADJUSTABLE	1

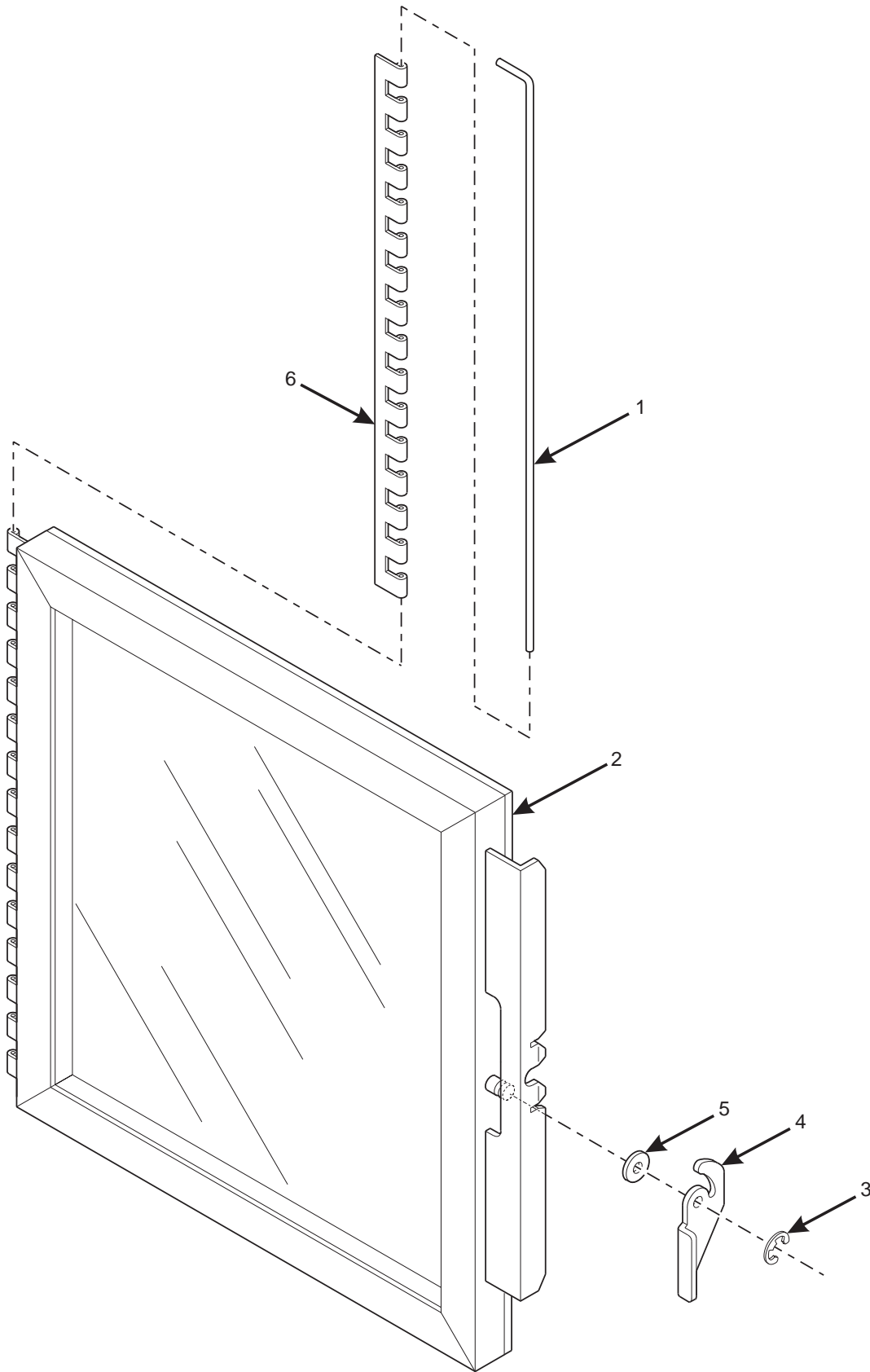


Figure 70. Door Assembly - Refrigerated Food Module



TABLE 70. DOOR ASSEMBLY - REFRIGERATED FOOD MODULE

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4407115	DOOR ASSEMBLY REFRIGERATED FOOD MODULE (INCLUDES THE FOLLOWING PARTS)	-
1	4407120	PIN - HINGE	1
2	-	DOOR (NOT AVAILABLE SEPARATELY)	1
3	9900425	RETAINING RING REINF E TYP.250	1
4	4407160	LEVER - LATCH	1
5	5220113	SPRING WASHER .500 X.254 X.006	1
6	4407132	HINGE - FOOD MODULE DOOR	1

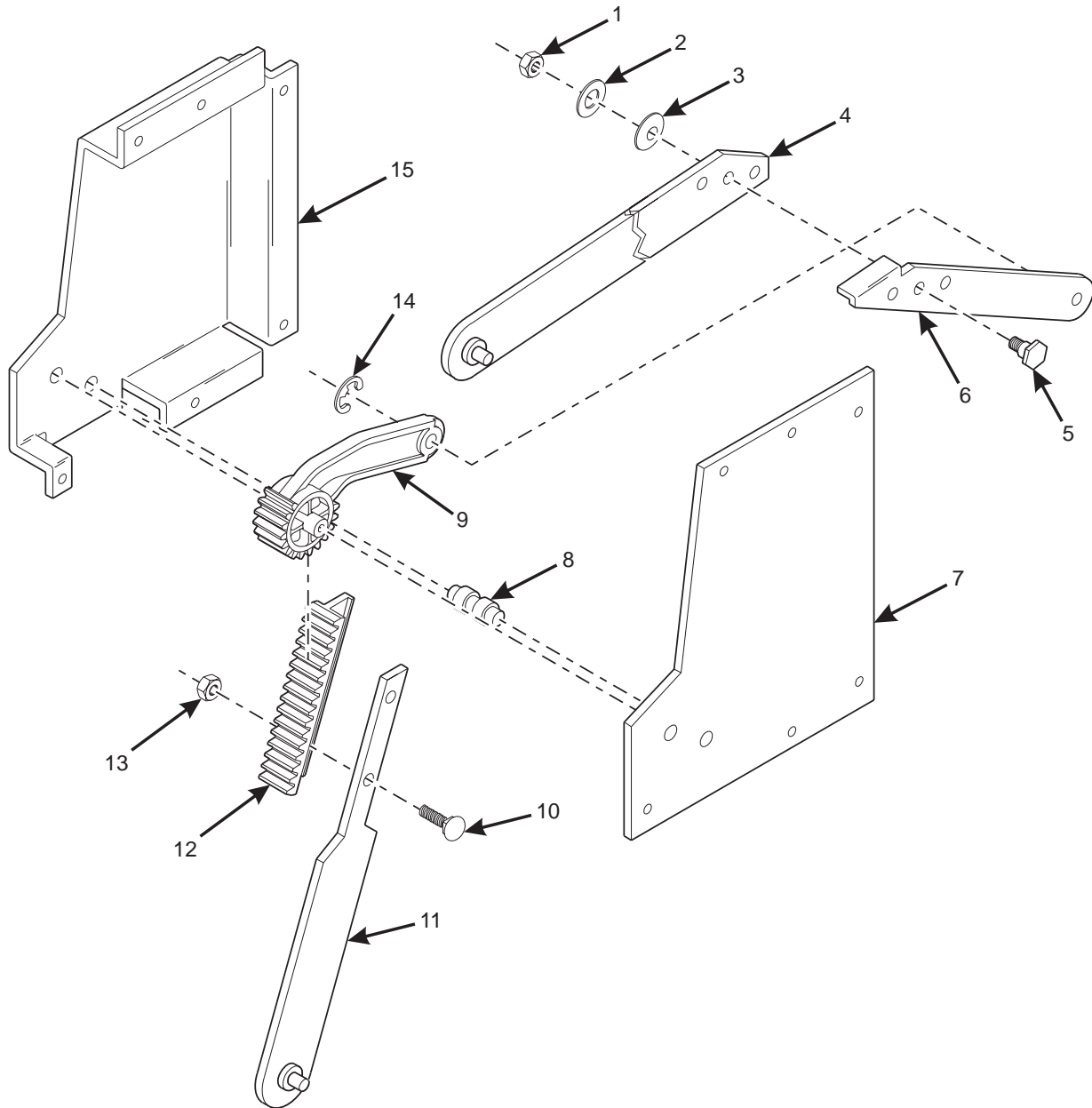


Figure 71. Left Hand Drive Arm Assembly



TABLE 71. LEFT HAND DRIVE ARM ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4407052	DRIVE ARM ASSEMBLY - L.H.	1
1	1412046	8-32 NUT MF 23TW832 BLOX	1
2	5202012	SPACER EXTENSION BAR	1
3	2202109	SPRING WASHER	1
4	4407059	FRAME DRIVE ARM ASSEMBLY - LONG - L.H.	1
5	4407058	PIVOT - FRAME DRIVE ARM	1
6	4407062	FRAME DRIVE ARM ASSEMBLY - SHORT - L.H.	1
7	4407053	PLATE - TOGGLE - L.H.	1
8	4407055	ROLLER - DRIVE RACK	1
9	4407056	ARM - TOGGLE	1
10	1306140	8-32 X 3/8 CARRIAGE BOLT BLK/OX	2
11	4407067	DRIVE RACK ARM ASSEMBLY	1
12	4407066	RACK - DRIVE	1
13	9900072	NUT #8-32 SELF - LOCKING	2
14	9900425	RETAINING RING REINF E TYP.250	1
15	4407133	COVER - TOGGLE - L.H.	1

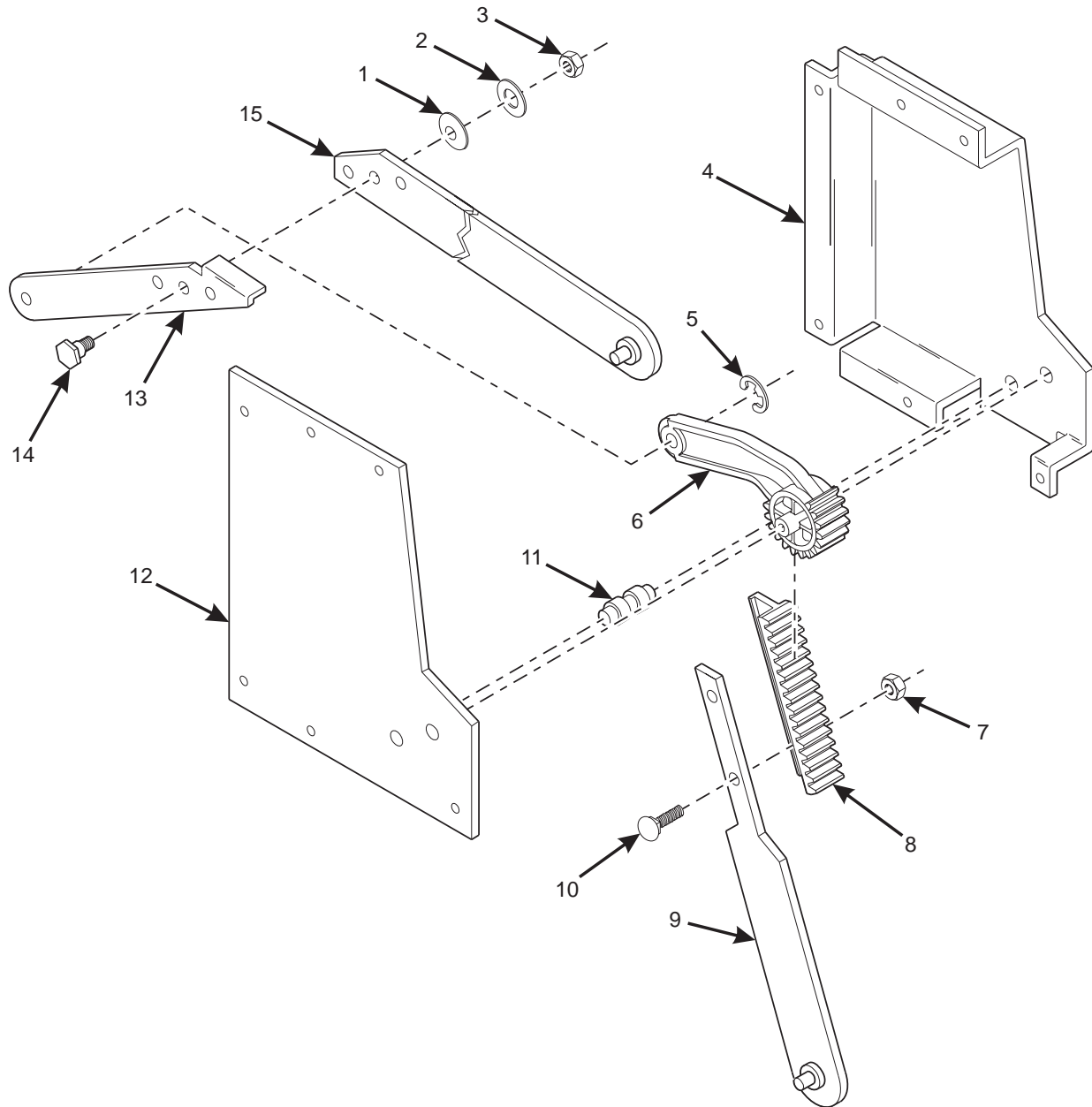


Figure 72. Right Hand Drive Arm Assembly



TABLE 72. RIGHT HAND DRIVE ARM ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4407069	DRIVE ARM ASSEMBLY - L.H.	1
1	2202109	SPRING WASHER	1
2	5202012	SPACER EXTENSION BAR	1
3	1412046	8-32 NUT MF 23TW832 BLOX	1
4	4407134	COVER - TOGGLE - R.H.	1
5	9900425	RETAINING RING REINF E TYP.250	1
6	4407056	ARM - TOGGLE	1
7	9900072	NUT #8-32 SELF - LOCKING	2
8	4407066	RACK - DRIVE	1
9	4407067	DRIVE RACK ARM ASSEMBLY	1
10	1306140	8-32 X 3/8 CARRIAGE BOLT BLK/OX	2
11	4407055	ROLLER - DRIVE RACK	1
12	4407070	PLATE - TOGGLE - R.H.	1
13	4407074	FRAME DRIVE ARM ASSEMBLY	1
14	4407058	PIVOT - FRAME DRIVE ARM	1
15	4407139	ARM - LONG - DOOR FRAME - R.H. - PAINTED	1

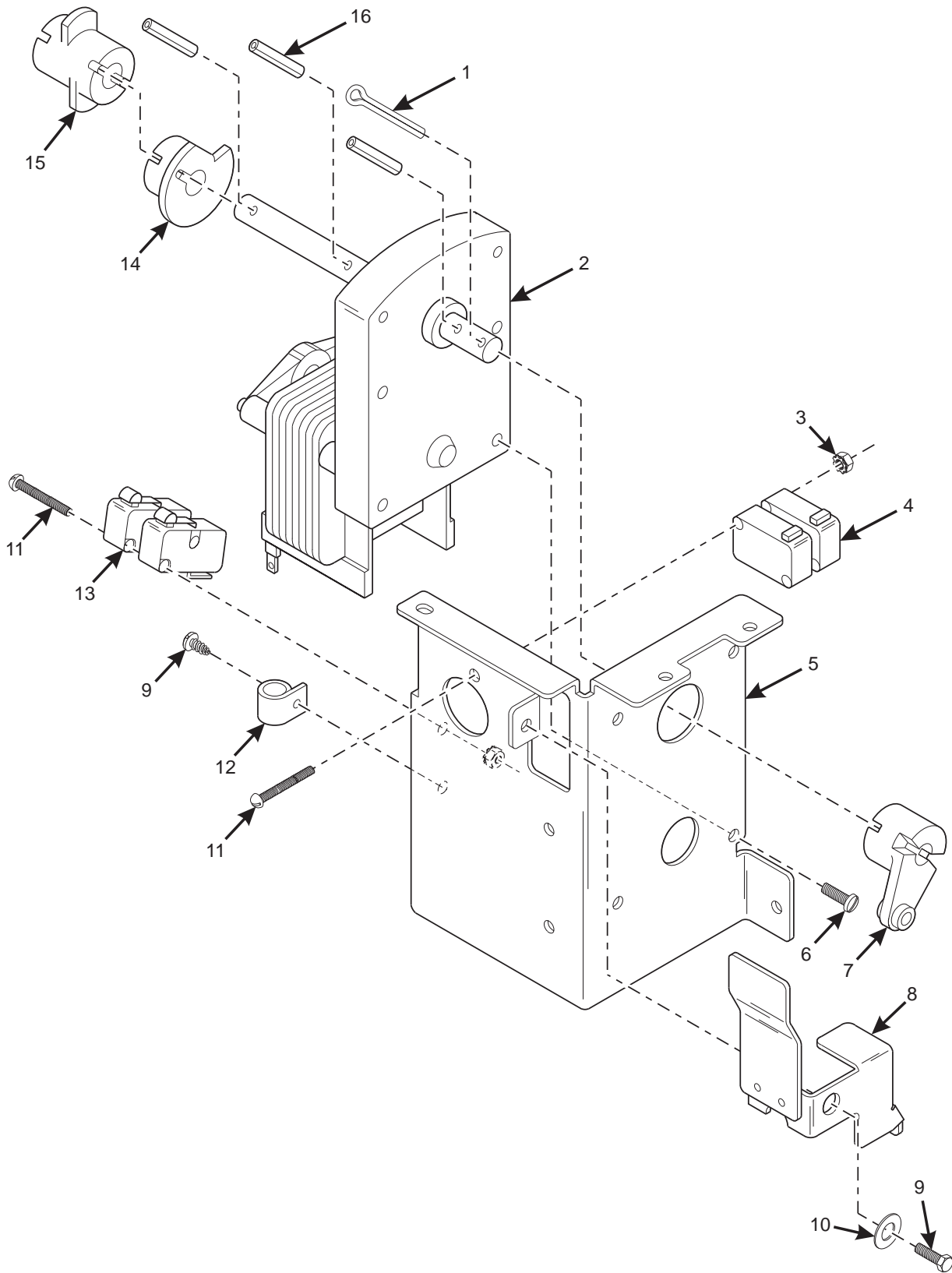


Figure 73. Motor Mounting Bracket Assembly

TABLE 73. MOTOR MOUNTING BRACKET ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	4407077	MOTOR MOUNTING BRACKET ASSEMBLY	-
1	9900098	COTTER PIN - 3/32 X 3/4 IN	1
2	4407157	MOTOR - FOOD MODULE	1
3	1217159	4-40 KEPS W/EXT L/WAS H ZP	4
4	2306488	SWITCH V3 - 1101 - D8	2
5	4407131	MOUNTING BRACKET - MOTOR	1
6	9900023	SCREW #8-32 X .37 PHS W/LW	4
7	4407079	ARM - DRIVE	1
8	4407084	ACTUATOR ASSEMBLY - H.C. SWITCH	1
9	1451097	SCREW - #8-32X.31 HEX HD.TF - BLK.	2
10	2228011	SPACER RELEASE ARM	1
11	5201086	SCREW #4 40 X 1 RHS	4
12	1452139	RETAINER HARNESS	1
13	2304109	SWITCH ROLLER LEVER V3L - 139 - D8	2
14	4407093	CAM - H.C.SWITCH OVERRIDE	1
15	4407080	COUPLING - MOTOR & DRIVE SHAFT	1
16	3127034	ROLL PIN 1/8 X 13/16	3

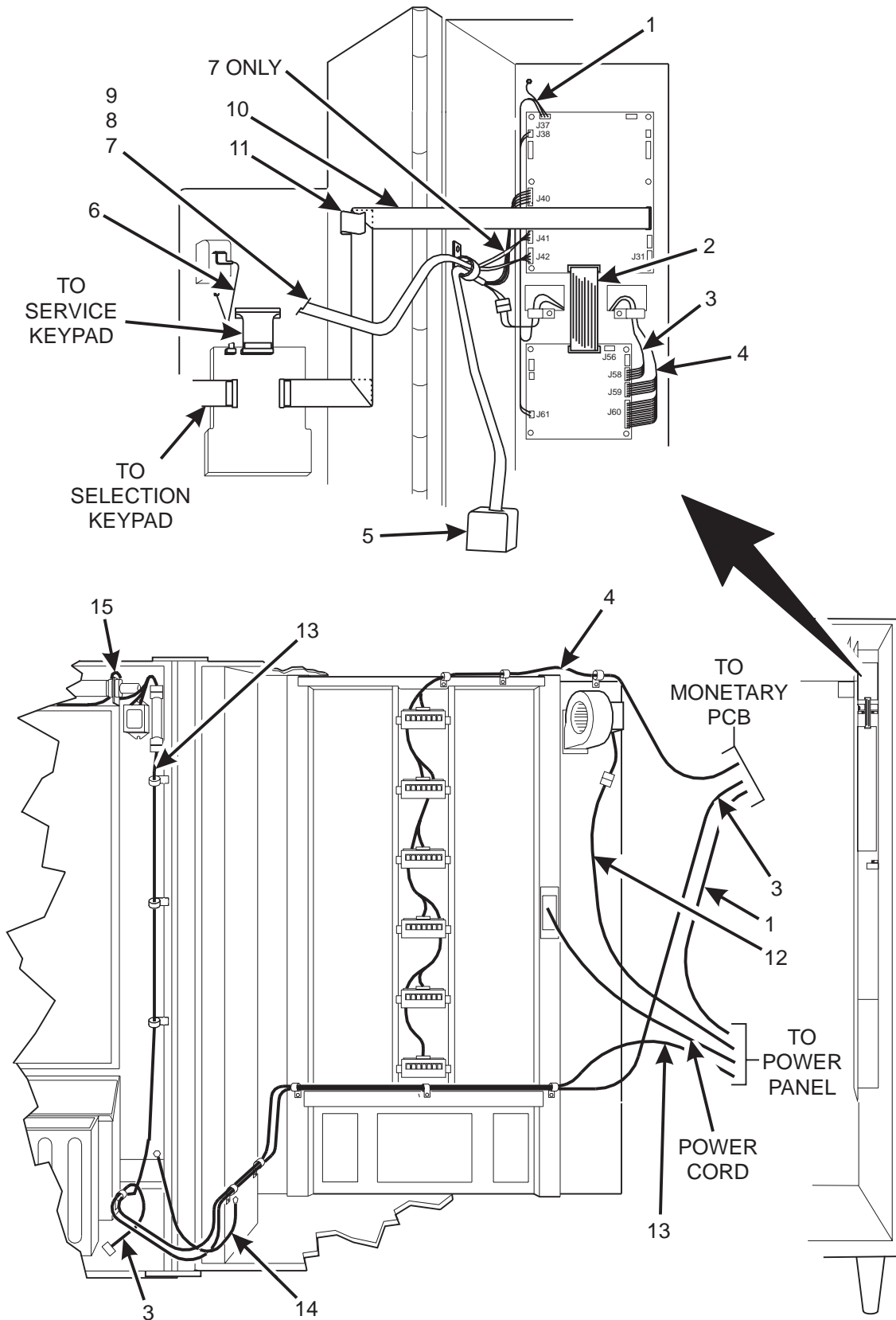


Figure 74. GS-1/GS-2 Cabling Diagram (Models 159, 160)



TABLE 74. GS-1/GS-2 CABLING DIAGRAM (MODELS 159, 160)

INDEX	PART NUMBER	DESCRIPTION
1	1579001	HARNESS - 24 VAC POWER - DOMESTIC
2	1579008	CABLE RIBBON - 16 CONDUCTOR
3	1579024	JUMPER - GUM & MINT - INT.
4	1579002	HARNESS - CHANNEL - 6 TRAY
5	1579003	HARNESS - COIN MECHANISM
6	1579009	JUMPER - MONETARY DOOR SWITCH
7	1579004	HARNESS - SERIAL VALIDATOR
8	1579006	HARNESS - MAKA PULSE VALIDATOR
9	1579005	HARNESS - MARS PULSE VALIDATOR
10	6339017	FLAT CABLE - DISP. TO CONTROLLER
11	4302166	CABLE CLIP
12	1579021	JUMPER - POWER PANEL TO EXHAUST FAN
13	1579022	JUMPER - POWER PANEL TO FLUORESCENT LIGHT - SNACK
14	9984094	WIRE - GROUND - 14"
15	1582005	HARNESS - FLUORESCENT LIGHT

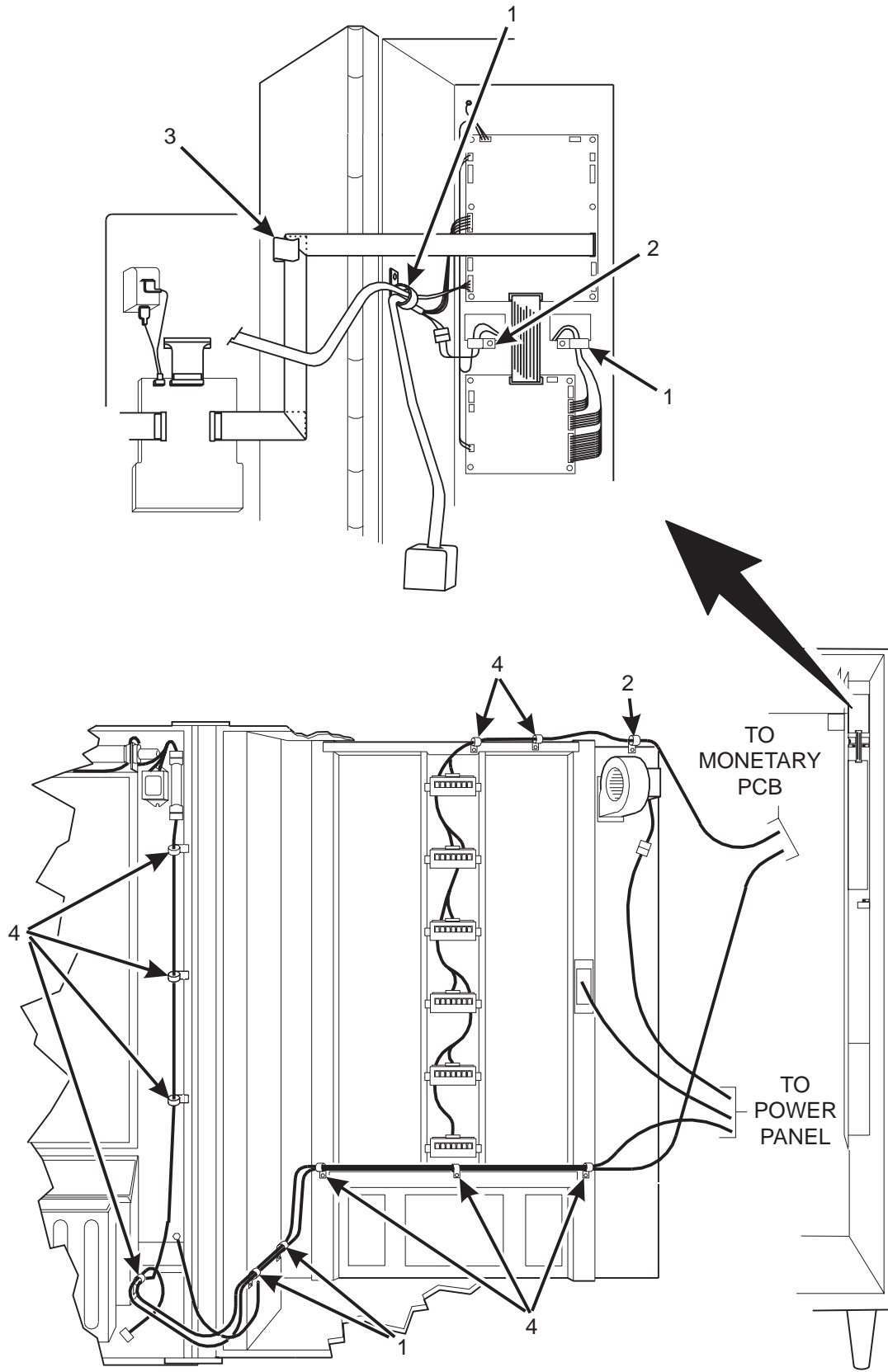
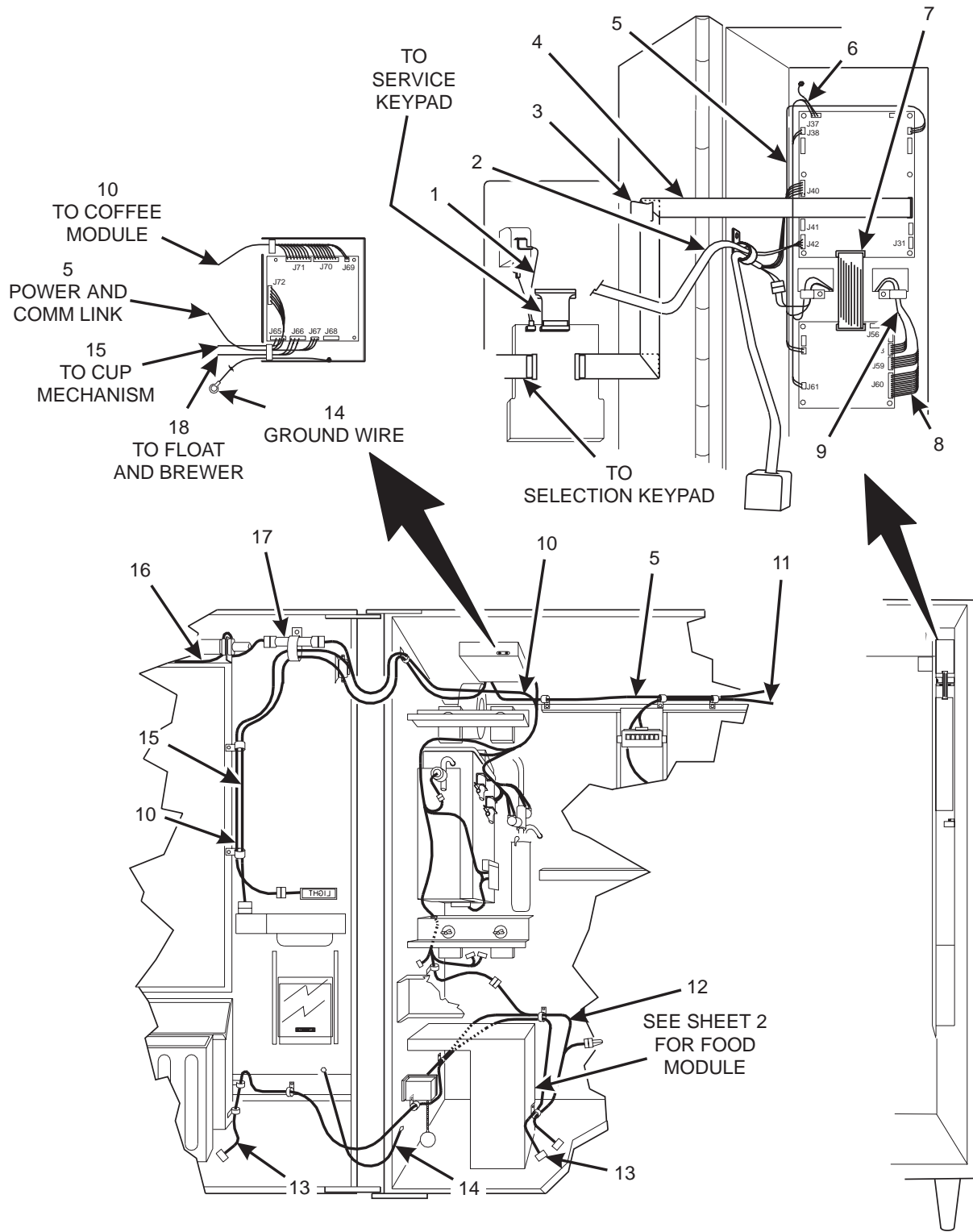


Figure 75. Clamps - GS-1/GS-2 (Models 159, 160)



TABLE 75. CLAMPS - GS-1/GS-2 (MODELS 159, 160)

INDEX	PART NUMBER	DESCRIPTION
1	4751060	RETAINER - HARNESS
2	4732024	RETAINER - HARNESS
3	4302166	CABLE CLIP
4	1452139	RETAINER - HARNESS



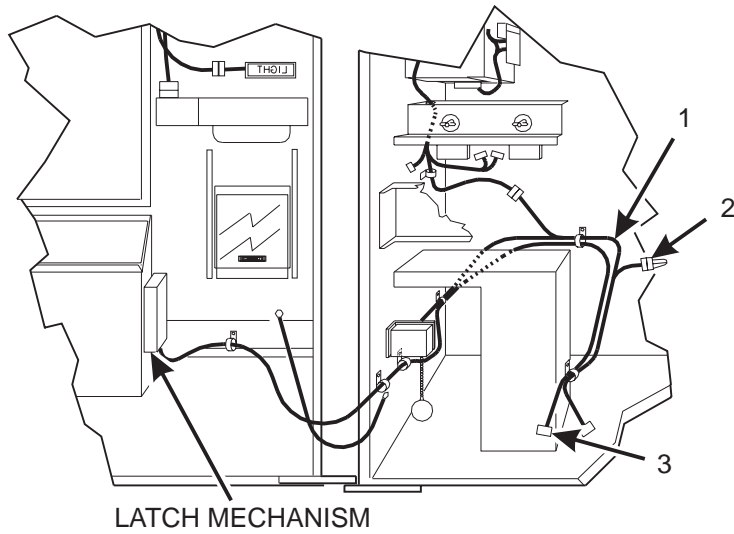
RC3 With Can Module

Figure 76. GSC-3 (Model 493) Cabling Diagram (Part 1 of 2)



TABLE 76. GSC-3 (MODEL 493) CABLING DIAGRAM (PART 1 OF 2)

INDEX	PART NUMBER	DESCRIPTION
1	1579009	JUMPER - MONETARY DOOR SWITCH
2	1579007	JUMPER - EXEC. MECHANISM
3	4302166	CABLE CLIP
4	6339017	FLAT CABLE - DISP. TO CONTROLLER
5	4859002	HARNESS - POWER & COMM LINK
6	1579001	HARNESS - 24 VAC POWER - DOMESTIC
7	1579008	CABLE RIBBON - 16 CONDUCTOR
8	1579002	HARNESS - CHANNEL - 6 TRAY
9	1579024	JUMPER - GUM & MINT - INT.
10	4859000	HARNESS - COFFEE MODULE
11	4849000	HARNESS - 3 TRAY - CHANNEL
12	4859005	HARNESS - COFFEE MOD. INTERFACE
13	4849004	JUMPER - GUM & MINT INT. - CAN
14	9984094	WIRE - GROUND - 14"
15	4859001	HARNESS - CUP MECH. - INTERFACE
16	1582005	HARNESS - FLUORESCENT LIGHT
17	1451124	SUPPRESSION NETWORK ASSEMBLY
18	4859003	HARNESS - BREWER INTERLOCK



Differences - GSC-3 With Food Module

Figure 76. GSC-3 (Model 493) Cabling Diagram (Part 2 of 2)



TABLE 76. GSC-3 (MODEL 493) CABLING DIAGRAM (PART 2 OF 2)

INDEX	PART NUMBER	DESCRIPTION
1	4859005	HARNESS - COFFEE MOD. INTERFACE
2	4859006	JUMPER
3	4849009	HARNESS - DELIVERY PAN - LOCK SOLENOID (REFRIGERATED OR FROZEN FOOD MODULE ONLY)

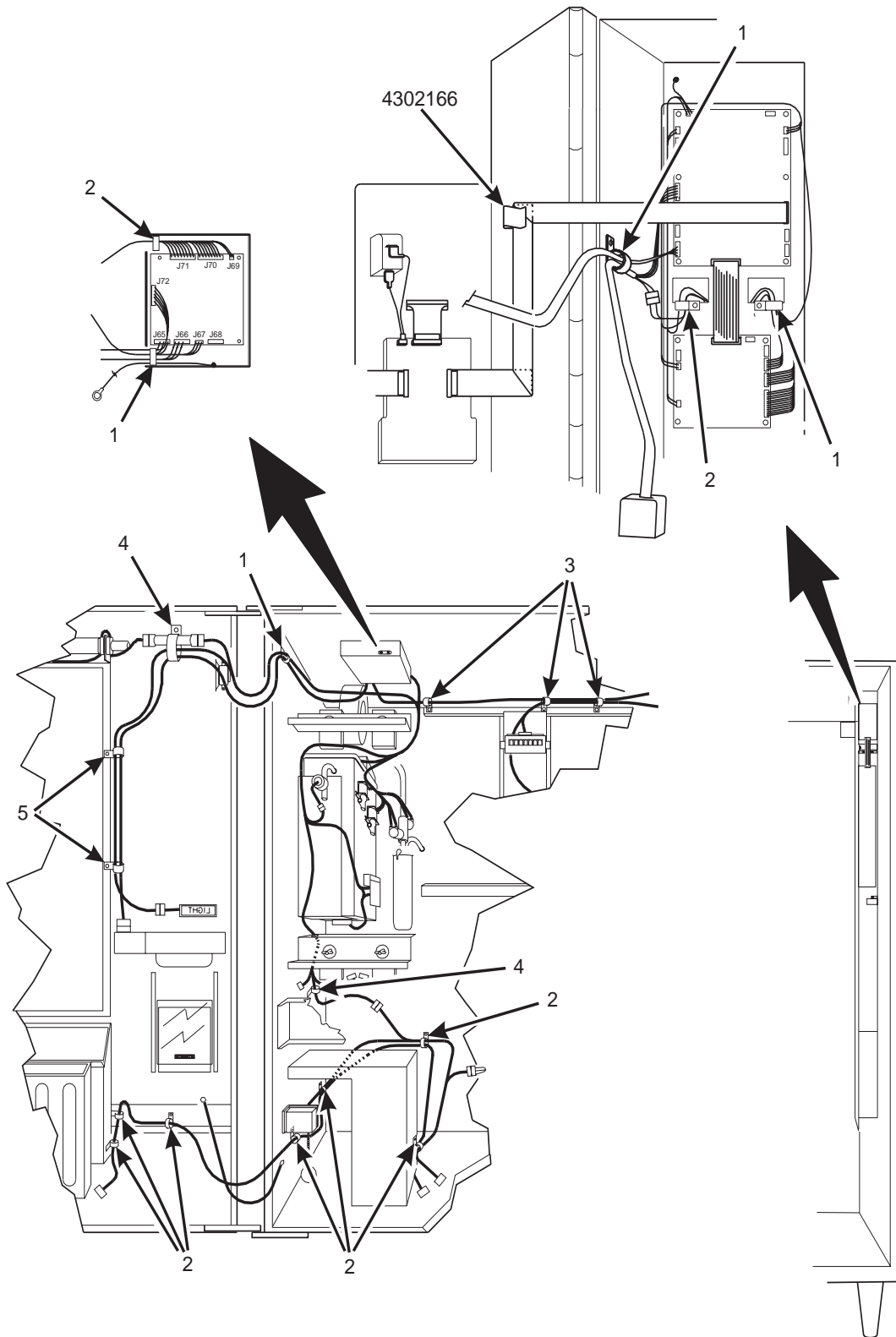


Figure 77. Clamps - GSC-3 (Model 493)



TABLE 77. CLAMPS - GSC-3 (MODEL 493)

INDEX	PART NUMBER	DESCRIPTION
1	4751060	RETAINER - HARNESS
2	4732024	RETAINER - HARNESS
3	1452139	RETAINER - HARNESS
4	4305043	HARNESS CLIP - 1.00
5	6231035	HARNESS CLIP - .750
6	4302166	CABLE CLIP

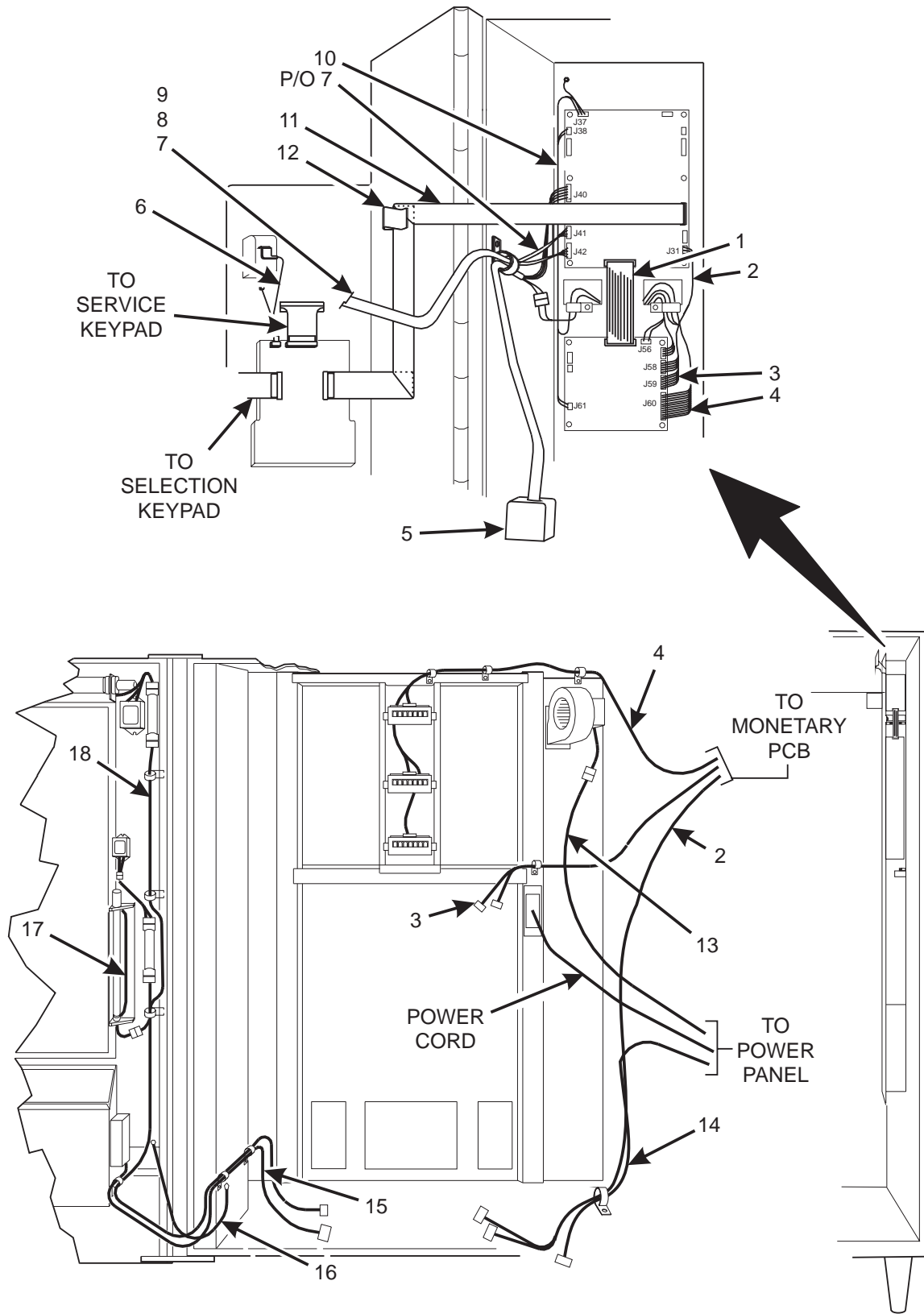


Figure 78. GSC-8/GCF-2 Food Module Cabling Diagram



TABLE 78. GSC-8/GCF-2 FOOD MODULE CABLING DIAGRAM

INDEX	PART NUMBER	DESCRIPTION
1	1579008	CABLE RIBBON - 16 CONDUCTOR
2	4849012	HARNESS - INTERF. FOOD MOD. - DC & PCB
3	4849014	HARNESS - INTERN. FOOD MOD. TO PCB
4	4849000	HARNESS - 3 TRAY - CHANNEL
5	1579003	HARNESS - COIN MECHANISM
6	1579009	JUMPER - MONETARY DOOR SWITCH
7	1579004	HARNESS - SERIAL VALIDATOR
8	1579006	HARNESS - MAKA PULSE VALIDATOR
9	1579005	HARNESS - MARS PULSE VALIDATOR
10	1579001	HARNESS - 24VAC POWER - DOMESTIC
11	6339017	FLAT CABLE - DISP. TO CONTROLLER
12	4302166	CABLE CLIP
13	1579021	HARNESS - GUM & MINT
14	4849002	JUMPER - POWER PANEL TO COMP.
15	4849009	HARNESS - DELIVERY PAN - LOCK SOLENOID
16	9984094	WIRE - GROUND - 14"
17	4849008	HARNESS - FLST. LT. - FOOD MODULE
18	4849015	HARNESS - SIDE PANEL & DOOR FLST LIGHT

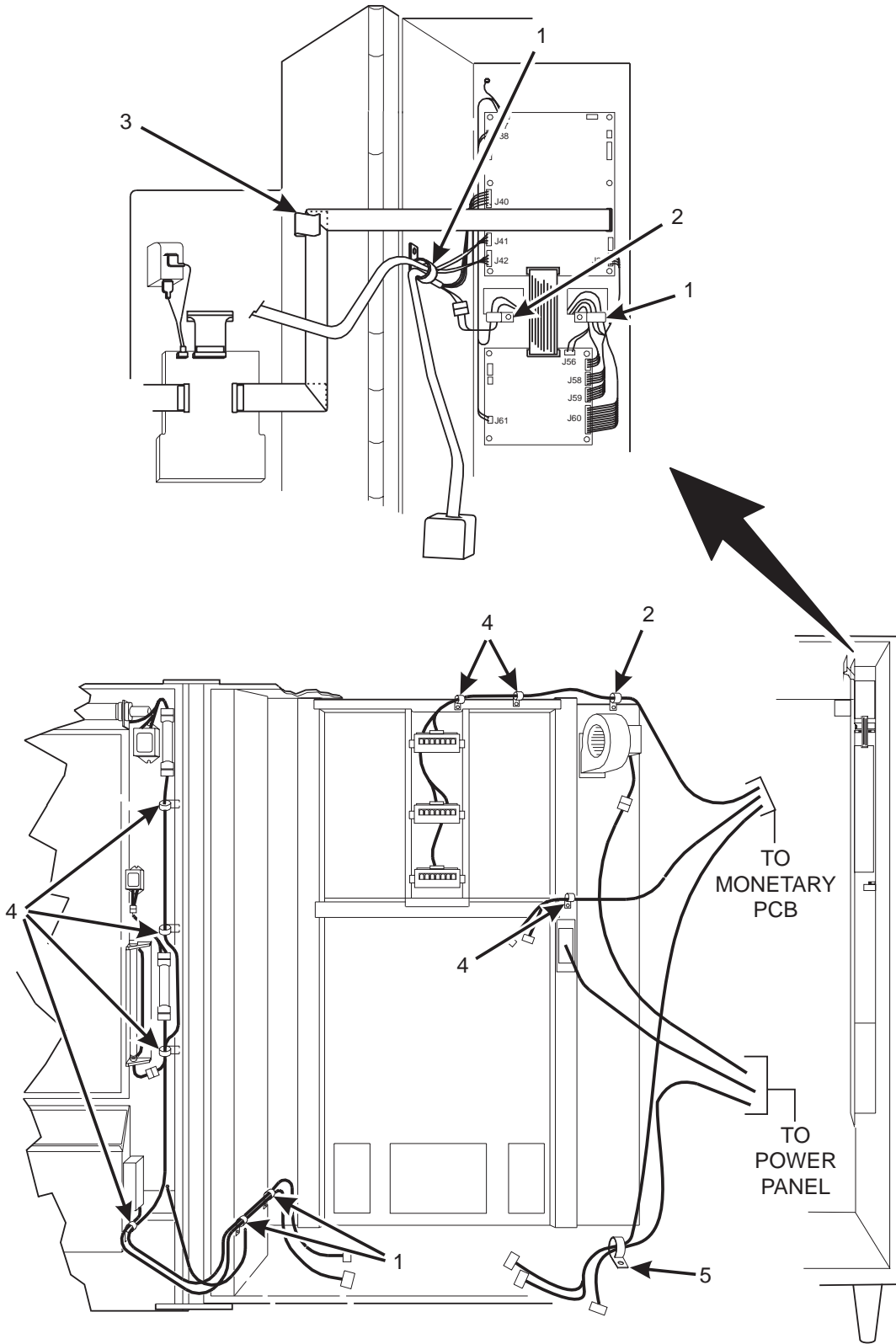


Figure 79. Clamps - GSC-8/GCF-2 (Model 490) With Food Module



TABLE 79. CLAMPS - GSC-8/GCF-2 (MODEL 490) WITH FOOD MODULE

INDEX	PART NUMBER	DESCRIPTION
1	4751060	RETAINER-HARNESS
2	4732024	RETAINER-HARNESS
3	4302166	CABLE CLIP
4	1452139	RETAINER-HARNESS
5	4305043	HARNESS CLIP-1.00

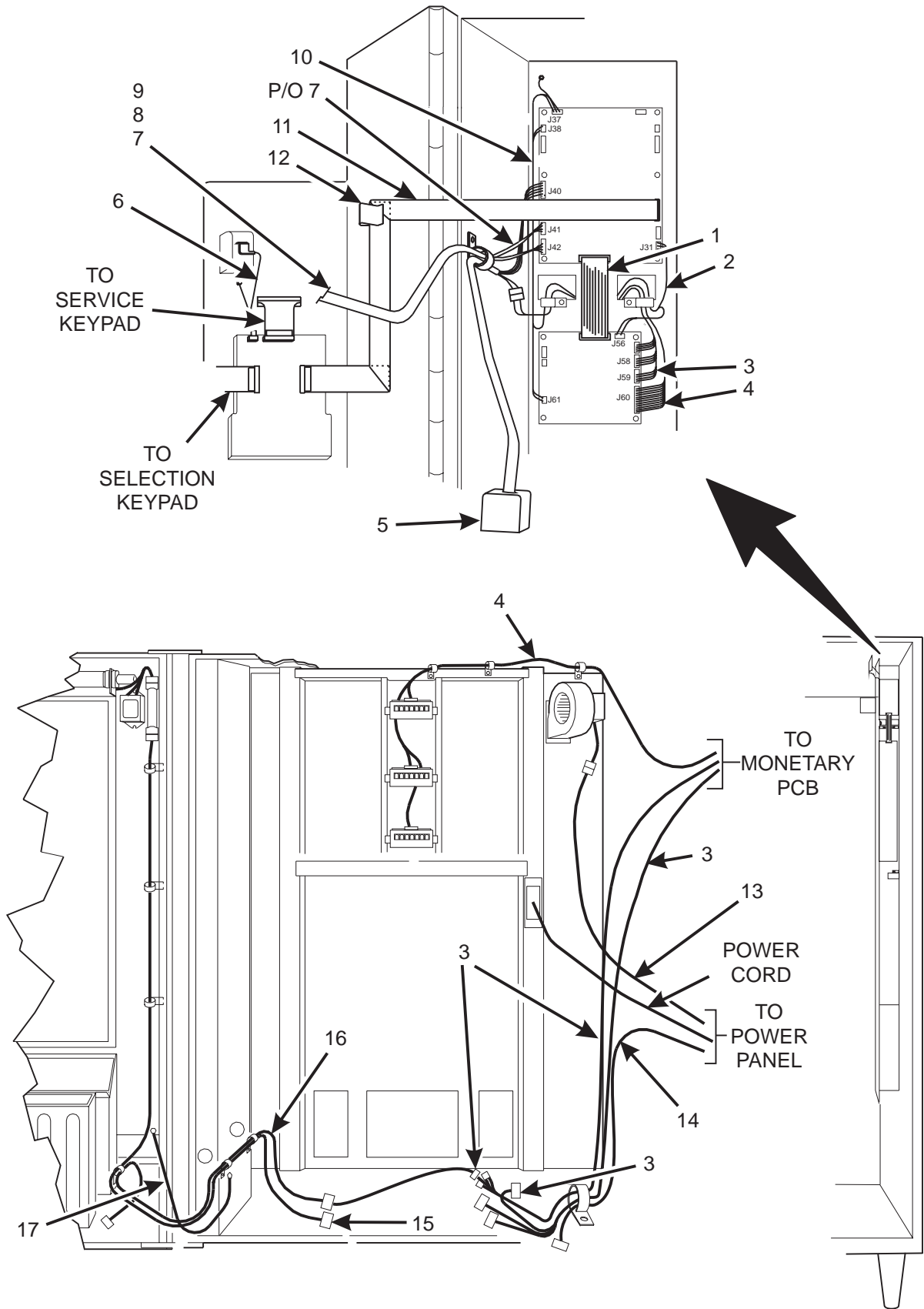


Figure 80. RC2 Cans, Gum & Mint Cabling Diagram - Domestic



TABLE 80. RC2 CANS, GUM & MINT CABLING DIAGRAM - DOMESTIC

INDEX	PART NUMBER	DESCRIPTION
1	1579008	CABLE RIBBON - 16 CONDUCTOR
2	4849001	HARNESS - TEMP. SENSOR & COMP. RELAY
3	4849005	JUMPER - CAN/GUM & MINT
4	4849000	HARNESS - 3 TRAY - CHANNEL
5	1579003	HARNESS - COIN MECHANISM
6	1579009	JUMPER - MONETARY DOOR SWITCH
7	1579004	HARNESS - SERIAL VALIDATOR
8	1579006	HARNESS - MAKA PULSE VALIDATOR
9	1579005	HARNESS - MARS PULSE VALIDATOR
10	1579001	HARNESS - 24VAC POWER - DOMESTIC
11	6339017	FLAT CABLE - DISP. TO CONTROLLER
12	4302166	CABLE CLIP
13	1579021	JUMPER - POWER PANEL TO EXHAUST FAN
14	4849002	JUMPER - POWER PANEL TO COMP.
15	4849003	JUMPER - COMP. TO FLUOR. LIGHT - CAN/CHILLER
16	4849004	JUMPER - GUM & MINT INT. - CAN
17	9984094	WIRE - GROUND - 14"

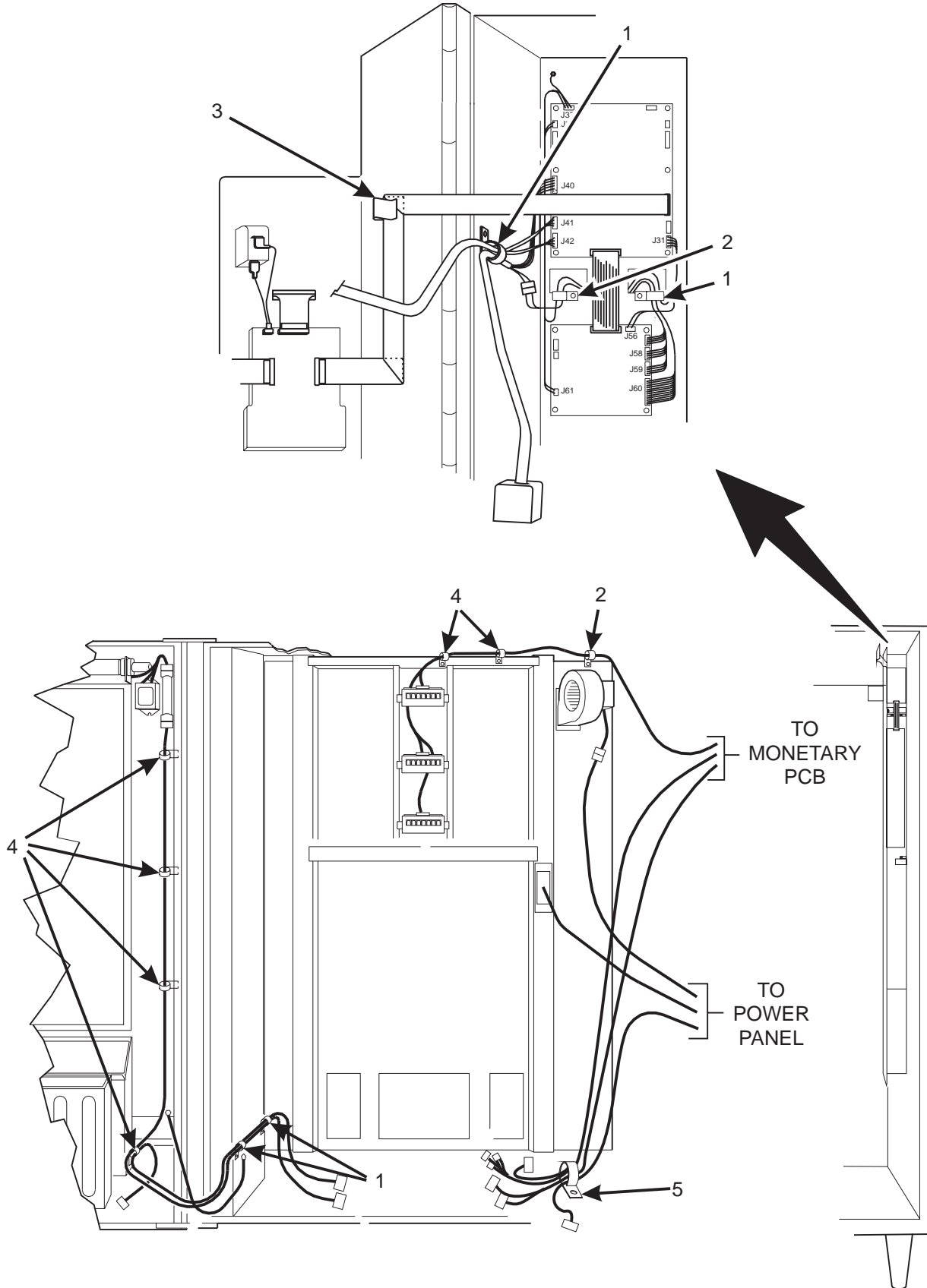


Figure 81. GSC-8/GCF-2 (Model 490) Cans, Gum & Mint Clamps



TABLE 81. GSC-8/GCF-2 (MODEL 490) CANS, GUM & MINT CLAMPS

INDEX	PART NUMBER	DESCRIPTION
1	4751060	RETAINER - HARNESS
2	4732024	RETAINER - HARNESS
3	4302166	CABLE CLIP
4	1452139	RETAINER - HARNESS
5	4305043	HARNESS CLIP - 1.00

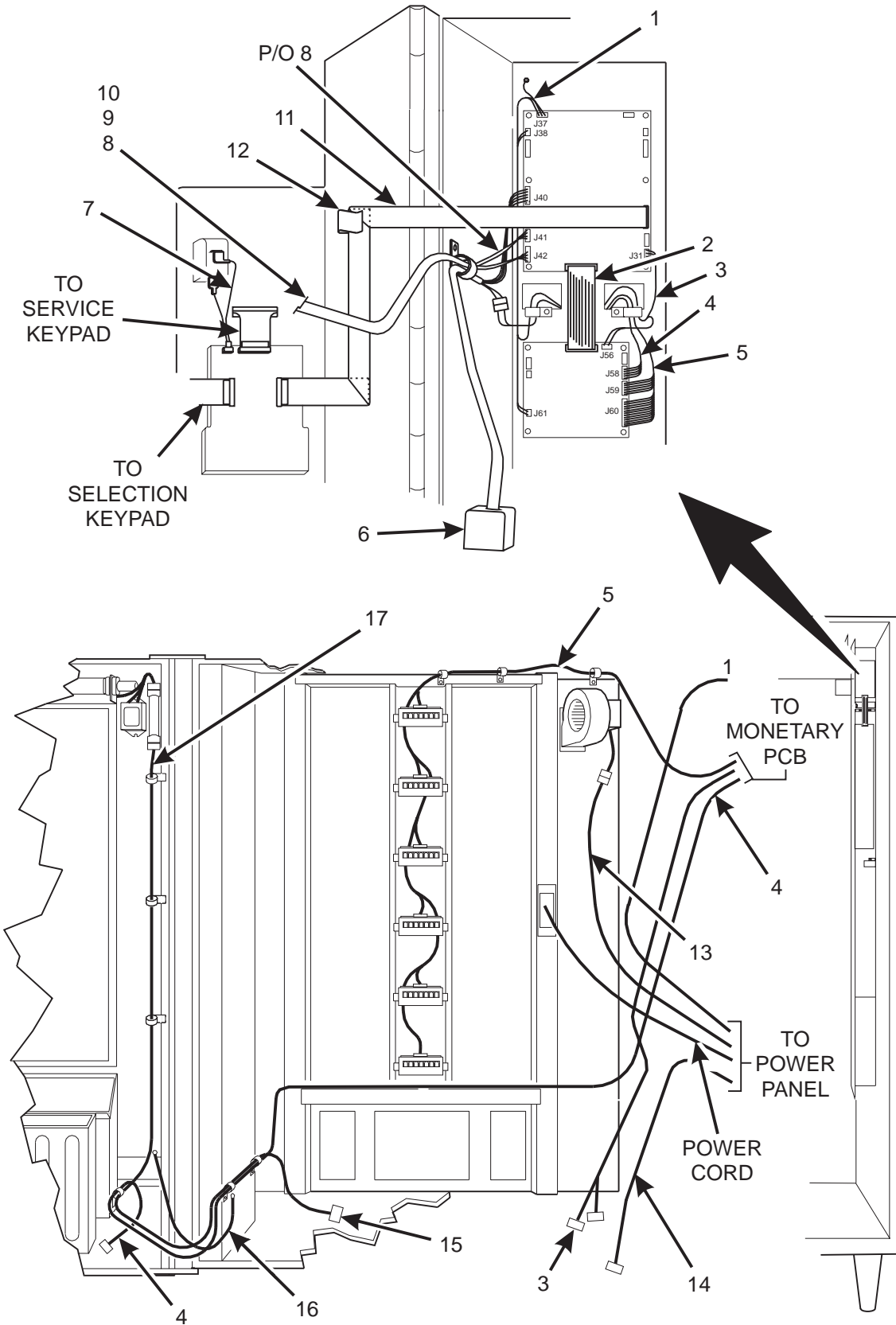


Figure 82. GCS-1/GCS-2 Chilled Snack Cabling Diagram

TABLE 82. GCS-1/GCS-2 CHILLED SNACK CABLING DIAGRAM

INDEX	PART NUMBER	DESCRIPTION
1	1579001	HARNESS - 24VAC POWER - DOMESTIC
2	1579008	CABLE RIBBON - 16 CONDUCTOR
3	4849001	HARNESS - TEMPERATURE SENSOR & COMP. RELAY
4	1579024	JUMPER - GUM & MINT - INT.
5	1579002	HARNESS - CHANNEL - 6 TRAY
6	1579003	HARNESS - COIN MECHANISM
7	1579009	JUMPER - MONETARY DOOR SWITCH
8	1579004	HARNESS - SERIAL VALIDATOR
9	1579006	HARNESS - MAKA PULSE VALIDATOR
10	1579005	HARNESS - MARS PULSE VALIDATOR
11	6339017	FLAT CABLE - DISP. TO CONTROLLER
12	4302166	CABLE CLIP
13	1579021	JUMPER - POWER PANEL TO EXHAUST FAN
14	4849002	JUMPER - POWER PANEL TO COMP.
15	4849003	JUMPER - COMP. TO FLUORESCENT LIGHT - CAN/CHILLER
16	9984094	WIRE - GROUND - 14"
17	1579022	JUMPER - POWER PANEL TO FLOURESCENT LIGHT - SNACK

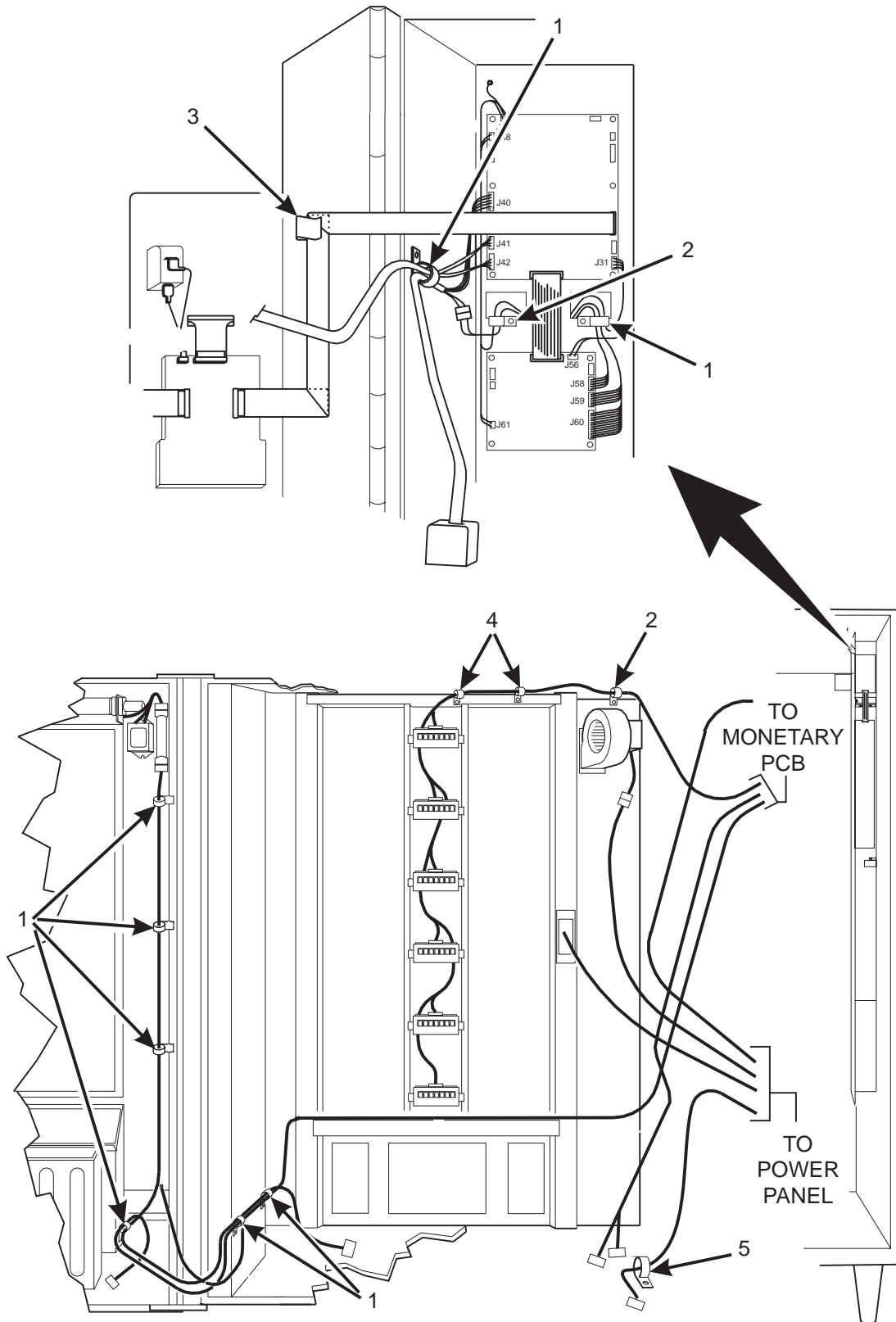


Figure 83. Models 464, 465 Chilled Snack Clamps



TABLE 83. MODELS 464, 465 CHILLED SNACK CLAMPS

INDEX	PART NUMBER	DESCRIPTION
1	4751060	RETAINER - HARNESS
2	4732024	RETAINER - HARNESS
3	4302166	CABLE CLIP
4	1452139	RETAINER - HARNESS
5	4305043	HARNESS CLIP - 1.00



This Page Intentionally Left Blank



PART NUMBER INDEX

Part Number	Page	Part Number	Page
1122138	43, 51	1457064	39
1127806	127	1457065	39
1127808	19	1457097	3, 5
1140351	133	1462008	43, 51
1141043	3	1462014	45, 51
1141046	75	1462035	63
1170057	71, 73	1462073	65
1170206	3, 51, 63, 65, 159	1467127	33
1172021	67	1467128	33
1172190	57	1467129	33
1172191	57	1467130	33
1211105	43, 51, 95, 133	1467131	33
1211110	13, 15	1467136	33
1211112	67	1467137	33, 39
1212139	147, 149	1470041	68, 69
1212148	147, 149	1471054	5, 7
1212159	141	1471065	5
1217159	119, 127, 175	1471090	5
1217160	105, 119, 127	1471098	67
1217161	57, 127	1471199	3, 129
1217162	97	1471237	5, 7, 67
1277102	127	1471283	67
1302289	57	1471399	5, 7
1302290	57	1472048	51
1302291	57	1472068	65
1302324	57	1472069	63
1302326	57	1472082	63
1306140	63, 65, 171, 173	1472083	65
1306519	127	1472087	65
1401110	17	1472105	70
1402052	63	1472108	63
1402120	43	1472138	63
1407048	127	1472145	63
1411194	41	1472156	65
1411195	41	1472178	45, 51
1412028	63	1472219	65
1412046	59, 63, 65, 159, 171, 173	1472220	43
1412047	65	1472222	21
1437204	103	1472223	21
1451093	67	1472228	63
1451097	3, 5, 51, 59, 63, 75, 77, 83, 93, 103, 105, 127, 153, 159, 175	1472250	43, 51
1451124	43, 51, 181	1472251	23
1452059	45	1472271	65
1452139	133, 147, 149, 175, 179, 185, 189, 193, 197	1472272	63
1457027	59	1472288	63
1457061	39	1475026	19
1457062	39	1475053	27
1457063	39	1475072	19
		1475099	19
		1475107	27
		1477001	29, 33, 37



Part Number	Page	Part Number	Page
1477002	38	1477101	39
1477003	38	1477102	39
1477005	31, 35	1477103	39
1477014	29, 33, 37, 71, 72	1477104	39
1477015	68, 69, 71, 72, 73	1477105	39
1477017	29, 33, 37, 165	1477106	39
1477020	38	1477107	39
1477022	38	1477112	31, 35, 38, 59, 141
1477023	39	1477113	31, 35, 38, 167
1477024	39	1477114	35
1477026	39	1477134	29, 33, 37
1477027	39	1477141	29, 33
1477029	39	1477148	29, 33, 37
1477030	39	1477149	39
1477032	39	1477150	39
1477033	39	1477152	39
1477035	39	1477153	39
1477038	39	1477155	39
1477039	39	1477157	29, 33, 37
1477041	39	1477175	29, 33, 37
1477042	39	1479000	59
1477044	39	1479060	61
1477045	39	1479062	59
1477047	39	1479063	59
1477048	39	1479064	59
1477050	39	1479075	59
1477051	39	1479076	59
1477053	39	1479077	59
1477054	39	1479078	61
1477056	39	1479079	61
1477057	39	1479080	61
1477059	39	1479081	61
1477060	39	1479082	61
1477063	39	1479083	61
1477067	37	1479084	61
1477068	29	1479089	59
1477071	68	1479092	59
1477073	39	1479095	59
1477076	69, 70, 71, 72, 73	1479096	59
1477077	68, 69, 70, 71, 72, 73	1479097	61
1477078	68, 69, 70, 71, 72, 73	1479098	61
1477079	68, 69, 70, 71, 72, 73	1479099	61
1477080	68, 69, 70, 71, 72, 73	1479102	59
1477081	68, 69, 70, 71, 72, 73	1479103	59
1477083	68, 69, 70, 71, 72, 73	1479104	59
1477085	31, 35, 38	1479105	61
1477094	31, 35	1479106	61
1477097	29, 33, 37	1479117	59, 61, 67, 70, 133
1477098	39	1479119	59
1477099	39	1479120	59, 159
1477100	39	1479123	59



GS-1/GS-2/GCS-1/GCS-2/GSC-8/GCF-2/GSC-3 Parts Manual

Part Number	Page	Part Number	Page
1479124	59	1571112	3, 9
1479125	59	1571115	67
1479126	61	1571119	3
1479127	61	1571123	3
1479130	61	1571126	3
1479131	61	1572001	43
1479136	59	1572007	43
1479139	59	1572009	43
1479140	43	1572010	55
1479145	59	1572011	55
1481037	5, 7	1572013	21
1481057	5	1572017	43
1482002	63	1572027	43
1482163	63	1572028	43
1482171	63	1572029	65
1482200	43, 51	1572169	63
1482251	65	1575001	23
1482252	63	1575003	19
1487001	29, 33, 37	1575007	17
1487004	37	1575008	21
1487005	29, 33	1575009	23
1487009	29, 33, 37	1575029	17, 19, 23
1487016	29, 33, 37	1575031	17, 19
1489000	59	1576008	3, 9
1489004	61	1579001	177, 187, 191, 195
1489005	59	1579002	177, 181, 195
1489006	61	1579003	177, 187, 191, 195
1489007	61	1579004	27, 177, 187, 191, 195
1489008	59	1579005	27, 177, 187, 191, 195
1570001	68	1579006	27, 177, 187, 191, 195
1570009	68	1579007	181
1571022	3, 7	1579008	177, 181, 187, 191, 195
1571029	3, 7	1579009	177, 181, 187, 191, 195
1571032	3, 7	1579013	13, 15
1571034	3, 129	1579017	13, 15
1571035	13, 15	1579021	5, 7, 177, 187, 191, 195
1571040	13, 15	1579022	177, 195
1571053	3	1579024	177, 181, 195
1571064	13, 15	1581009	3
1571070	5, 7	1581028	151
1571071	5, 7	1581035	3
1571074	3, 9	1581039	3
1571079	19	1581040	3, 5, 9, 19, 23, 41, 47, 49, 53, 69, 71, 72, 73, 83
1571080	15	1582001	43
1571081	19	1582004	43, 51
1571090	3	1582005	177, 181
1571095	3, 9	1592003	63
1571096	3, 9	1592028	63
1571097	5, 7	1602001	63
1571099	5	1602014	63
1571107	3		



Part Number	Page	Part Number	Page
1732024	3	3108221	165
1777062	39	3112163	57
2146059	147, 149	3112164	57
2202109	171, 173	3113003	127
2204092	141	3113008	127
2204093	19, 63, 105	3116123	119
2204513	135, 157	3116126	119
2206028	83, 105	3116127	119
2221032	133, 155	3121150	119
2221049	105	3122056	17, 59
2222031	29, 33, 37	3123134	123
2222095	51	3123146	125
2222124	51	3127034	127, 153, 175
2222227	147, 149	3128063	133, 155
2226380	137	3128150	93
2228011	175	3128151	93
2271408	41	3143004	127
2272052	57	3143005	127
2302053	55	3143066	127
2302218	43	3144055	133, 157
2302223	79, 103	3144057	133, 157
2304083	105	3151058	43, 45, 51
2304108	119	3152391	27
2304109	105, 175	3152444	27
2306488	127, 175	3156032	43, 51, 147
2342109	65	3157060	3, 75, 79, 133
2342110	65	3158008	72, 73
2342315	141, 161	3158022	93
2360036	68, 69, 70, 71, 72, 73	3158023	93
2366055	77, 79, 81	3158026	72, 73
2366091	141	3502097	153
3017006	121	3508126	95
3103016	127	3608146	135, 157
3103029	113	3608149	133, 155
3103103	123	3608201	93
3103104	123	3614004	107
3103105	123	3617032	79
3103106	123	3617033	83
3103107	123	4021063	127
3103108	123	4031248	5
3103133	123	4041053	59
3104051	123	4042121	147
3104125	123	4042512	55
3104138	165	4042556	65, 147, 149
3106013	95	4043082	133, 145, 157
3106144	83	4043121	133, 155
3106215	107	4043122	133, 145, 155
3108045	93	4047012	105, 153
3108048	93	4047054	119
3108146	97	4047056	153
3108151	121	4047176	105



GS-1/GS-2/GCS-1/GCS-2/GSC-8/GCF-2/GSC-3 Parts Manual

Part Number	Page	Part Number	Page
4047177	105	4407056	171, 173
4047178	105	4407058	171
4119013	145, 153, 161	4407059	171
4242145	43, 51, 127	4407062	171, 173
4245082	55	4407066	171, 173
4245083	55	4407067	171, 173
4245084	55	4407069	153
4246044	65	4407070	173
4246171	105	4407074	173
4246307	59	4407077	153, 175
4301152	135, 145, 155	4407079	153, 175
4302166	177, 179, 181, 185, 187, 189, 191, 193, 195, 197	4407080	175
4304092	145	4407084	175
4304192	133, 155	4407086	153
4304194	135, 145, 157	4407087	153
4305043	185, 189, 193, 197	4407088	153
4401000	163	4407093	175
4401010	147	4407101	159
4401013	147	4407102	159
4401016	147	4407103	159
4401025	147	4407106	159
4401026	5	4407107	159
4402000	63	4407115	153, 169
4402008	165	4407120	169
4402010	161	4407131	175
4402016	65	4407132	169
4402017	63	4407133	171
4402034	165	4407134	173
4402037	161	4407139	173
4402038	165	4407146	163
4402041	165	4407156	161
4402043	165	4407157	175
4402046	165	4407158	159
4404003	155	4407159	159
4404013	151	4407501	165
4404015	155	4407502	165
4404016	155	4407503	165
4407002	153	4407504	165
4407004	153	4407514	165
4407009	153, 161	4407516	165
4407014	161, 165	4407800	165
4407016	161	4407803	167
4407017	161	4407808	167
4407019	165	4407842	167
4407021	161	4407843	167
4407024	163	4407844	167
4407025	165	4407845	165
4407052	153, 171, 173	4611013	11
4407053	171	4611043	11
4407055	171, 173	4611044	11
		4612001	69, 72, 153



Part Number	Page	Part Number	Page
4614019	145	4731083	105
4614027	11	4731085	105
4614057	145	4731092	105
4614059	145	4731093	105
4614079	145	4731095	105
4614080	143	4731096	105
4614117	143	4731097	105
4614118	143	4731101	105
4614124	145	4731103	105
4614135	145	4731116	95, 121
4614136	145	4731117	95, 121
4614139	145	4731120	75
4614143	145	4731125	85
4614144	145	4731127	89, 91
4621003	11	4731128	89, 91
4640004	69	4731129	89
4641005	11	4731130	95
4641006	11	4731131	121
4641008	11	4731150	123
4641009	11	4731151	123
4641017	11	4731152	123
4641018	11	4731158	119
4641021	11	4731159	119
4644000	145	4731172	93
4644002	143	4731203	83, 95, 121
4644008	145	4731204	121
4651006	11	4731207	121
4711007	93	4731208	83
4711020	83	4731280	105
4721035	131, 133, 153	4731281	105
4722024	51	4731282	75, 105
4722025	51	4731311	87
4724065	133, 157	4731322	83
4724066	133, 155	4731326	123
4724067	133, 157	4731337	83
4724070	133, 155	4731346	75, 103
4724124	133, 155	4731347	103
4727144	133, 151, 153, 155	4732024	129, 133, 155, 179, 185, 189, 193, 197
4727145	137	4733000	127
4731001	123	4733001	127
4731017	75	4733003	127
4731023	123	4733004	127
4731024	123	4733005	127
4731059	77, 79, 81	4733006	127
4731064	121	4733008	127
4731070	105	4733009	127
4731074	75	4733010	127
4731077	75	4733011	127
4731078	75	4733013	127
4731080	75	4733014	127
4731082	105		



GS-1/GS-2/GCS-1/GCS-2/GSC-8/GCF-2/GSC-3 Parts Manual

Part Number	Page	Part Number	Page
4733016	127	4747032	141
4733017	127	4747034	141
4733018	127	4747035	141
4733020	125, 127	4747036	141
4733022	127	4747038	141
4733025	127	4747039	141
4733026	125	4747042	139, 147
4733027	125	4747044	139
4733028	125	4747062	153
4733029	127	4747064	137
4733035	127	4747065	137
4733036	127	4747089	139
4741001	5, 7	4747091	70, 73
4741022	139	4747097	70, 73
4741223	153	4747110	139
4742011	70, 73	4747111	137
4744001	135	4747121	137
4744002	133, 155	4747122	137
4744009	133, 145	4747127	137
4744010	135	4747128	137
4744017	133, 151, 155	4747131	137
4744020	133, 155	4747133	137
4744022	133, 155	4747134	137
4744023	131	4747135	137
4744024	131	4747716	153, 159
4744027	131, 143, 151	4747725	153
4744028	131	4751019	75
4744029	135	4751021	75
4744030	133	4751022	77
4744032	133	4751027	83
4744042	131, 143, 151	4751033	75, 77
4744045	133	4751034	93
4744056	133, 155	4751035	77
4744069	133	4751036	93
4744075	133, 155	4751042	127
4744080	135, 157	4751050	9
4744091	135	4751051	101
4744099	133	4751056	79
4744108	133, 157	4751060	129, 179, 185, 189, 193, 197
4744109	135, 157	4751061	91
4744110	135, 157	4751062	81, 83
4744112	133, 155	4751064	79
4744555	167	4751067	121
4744564	135, 157	4751068	121
4747003	137	4751069	121
4747009	137	4751071	75
4747014	137	4751072	75
4747015	139	4751073	75, 101
4747028	139	4751087	95
4747030	141	4751162	9
4747031	141	4751177	95



Part Number	Page	Part Number	Page
4751230	105	4851036	7
4751241	95	4851049	129
4751245	99	4851059	9
4751256	95	4851072	7
4751264	75	4851075	9
4751272	95	4852004	51
4752013	51	4852005	51
4752031	51	4852006	51
4752033	51	4852018	51
4752148	73	4852019	51, 147
4754002	107	4852021	51
4754003	107	4853000	9
4757500	165	4856003	129
4761095	75	4858000	95
4761154	81	4858001	95
4770039	70, 73	4858002	95
4774026	145	4859000	181
4774027	145	4859001	181
4774204	11	4859002	181
4781005	75	4859003	181
4791004	75	4859005	181, 183
4840001	70	4859006	183
4840004	70	4859009	147
4840006	71	4881004	147
4841012	13	4922010	63
4841020	3	4932005	63
4842002	149	4981001	11
4842003	149	5201086	175
4842004	149	5201091	105
4842010	149	5201267	29, 33, 37, 165
4844005	131	5201349	97
4844007	151, 155	5202012	171, 173
4844019	155	5220113	169
4847001	131	5307321	27
4847005	151	5500026	153
4847006	151, 153, 155, 161, 163, 169	5560113	29, 33, 37
4849000	181, 187, 191	5900096	27
4849001	191, 195	5900097	27
4849002	187, 191, 195	5900112	27
4849003	191, 195	5900116	27
4849004	181, 191	5900182	7, 9, 27, 33
4849005	191	5920012	71, 72
4849008	149, 187	6104019	113
4849009	183, 187	6104021	113
4849012	187	6104051	123
4849014	187	6104101	109
4849015	187	6104104	113
4850001	72	6104111	113
4851009	9	6104112	113
4851031	129	6104115	113
4851033	9	6104122	107



GS-1/GS-2/GCS-1/GCS-2/GSC-8/GCF-2/GSC-3 Parts Manual

Part Number	Page	Part Number	Page
6104126	107	6134064	113
6104129	107	6134065	113
6104163	107	6134101	109
6104165	107	6134102	107
6104181	117	6134104	107
6104184	117	6134105	107
6104193	117	6134111	107
6104201	107	6134112	107
6104204	107	6134119	107
6104216	107	6134120	107
6104384	113	6134122	107
6104386	107, 113	6134123	107
6104387	113	6134127	107
6104409	107	6134149	109
6104410	107	6134151	109, 117
6104428	107, 111	6134155	117
6104429	97	6134157	107
6104438	111	6134160	107
6104439	111	6134161	107
6104462	107	6134163	107
6104464	107	6134167	107
6104472	113	6134173	117
6106024	3	6134178	117
6106107	117	6134179	109
6106341	149	6134187	109, 115
6107020	127	6134192	83, 117
6107041	85, 87, 89, 91	6134195	107
6107185	79	6134197	117
6107191	79	6134199	107
6107194	79	6134286	117
6107195	79	6134530	121
6107197	79	6137004	85, 89
6107198	79	6137005	87, 91
6107240	165	6137023	85, 87, 89, 91
6107241	79	6137024	85, 87, 89, 91
6107244	79, 97	6137030	85, 87, 89, 91
6108065	9	6137034	87
6108082	93	6137035	85, 87, 89, 91
6111054	83	6137038	85, 87, 89, 91
6111056	75	6137053	85, 87, 89, 91
6114015	111	6137074	79, 87
6114121	83	6137076	81, 89
6114248	121	6137077	81, 91
6117010	83	6137099	85, 87, 89, 91
6124073	97	6137100	85, 87, 89, 91
6131041	7	6137114	79
6131143	59	6137128	89, 91
6133121	127	6137131	89, 91
6133157	105	6137183	95
6134030	85, 87, 89, 91	6138004	97
6134063	113	6138027	97



Part Number	Page	Part Number	Page
6138123	97	6231203	67
6138159	97	6231242	3, 7
6138175	97	6231548	103
6138180	97	6231553	103
6138181	97	6232028	51
6138183	97	6232031	43, 51
6151037	93	6232036	51
6154214	101	6232208	43, 51
6154261	85	6234225	107
6154280	75	6234288	109
6154284	101	6234289	107
6154285	101	6234375	115, 117
6154286	101	6237340	103
6154287	101	6237342	103
6154288	101	6238111	99
6154289	101	6238198	99
6157002	83	6338003	95
6157016	85	6339000	5, 7
6157019	89, 91	6339017	177, 181, 187, 191, 195
6157026	87	6342038	51
6157029	87	6400002	27
6157037	77, 81	6400003	27
6157054	79	6504209	75
6157055	79	6508004	95
6157057	79	6508006	95
6158007	95	6508031	95, 97
6158053	95	6508032	97
6158063	121	6508033	97
6158073	83	6508035	97
6187001	83	6508044	95
6187007	77, 85	6508054	95, 121
6204211	113, 115	6508056	95
6204216	107	6508057	95
6204221	101	7207019	63
6204223	115	9900019	127, 133, 147, 149, 155
6204229	117	9900020	61
6204240	115	9900023	175
6204512	85, 87	9900027	85, 87, 89, 91
6204513	85, 87	9900030	29, 33, 37
6207003	77, 79	9900035	105
6207004	81	9900043	105
6207539	85	9900072	171, 173
6207540	85	9900081	13, 15, 17, 51, 59, 61, 63, 65, 75, 83, 95, 101, 127, 129, 133, 147, 149, 155
6208057	97	9900098	41, 153, 175
6224105	109	9900106	75
6224106	107	9900115	75, 101
6224117	121	9900121	57
6231035	185	9900138	77, 79, 81
6231037	19	9900146	63, 65
6231087	41		
6231163	5, 9, 67		



GS-1/GS-2/GCS-1/GCS-2/GSC-8/GCF-2/GSC-3 Parts Manual

Part Number	Page	Part Number	Page
9900163	93	9989336	15
9900164	105, 127	9989369	13, 15
9900168	83	9989637	103
9900171	63, 65	9989639	21
9900184	155	9989659	13, 15
9900201	59	9989672	13, 15
9900202	63	9989674	13
9900208	107	9989685	19
9900214	85, 87, 89, 91	9992400	57
9900425	61, 153, 169, 171, 173	G1472013	65
9900431	153, 159	G1472014	63
9900437	105	G1472015	63
9984094	131, 133, 135, 137, 139, 141, 143, 145, 177, 181, 187, 191, 195	G1472016	65
9984165	13, 15, 79	G1482009	65
9984622	13	WD157000	68
9984625	23	WD464000	69
9984628	15	WD484000	70, 71, 72, 73
9989042	13, 15	WD484002	70, 73
9989100	13, 15	WD484003	71, 72
		WD485000	72, 73