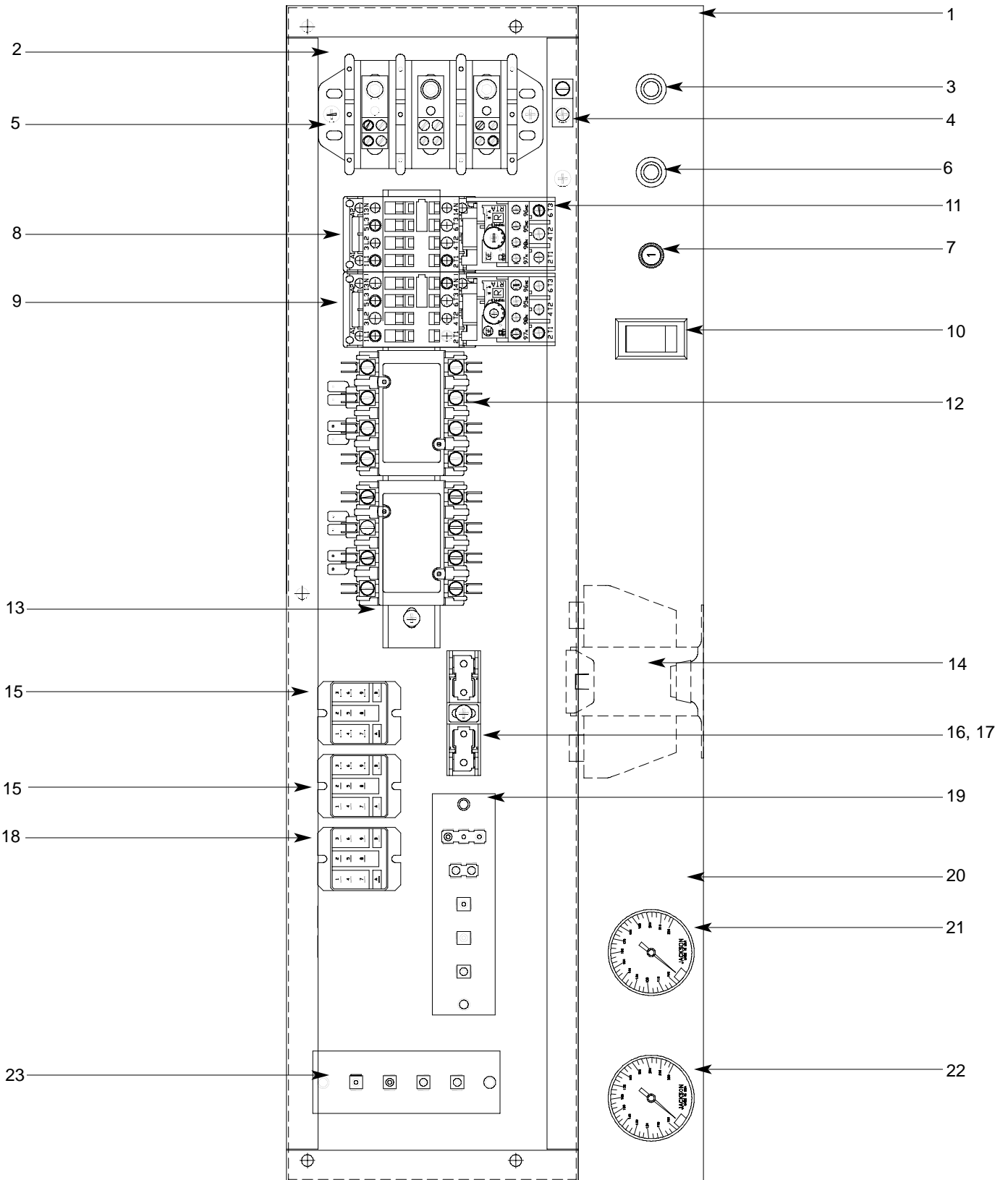


**SECTION 6: PARTS SECTION**  
**AJ-54 CONTROL BOX ASSEMBLY**



**SECTION 6: PARTS SECTION**  
**AJ-54 CONTROL BOX ASSEMBLY (CONTINUED)**

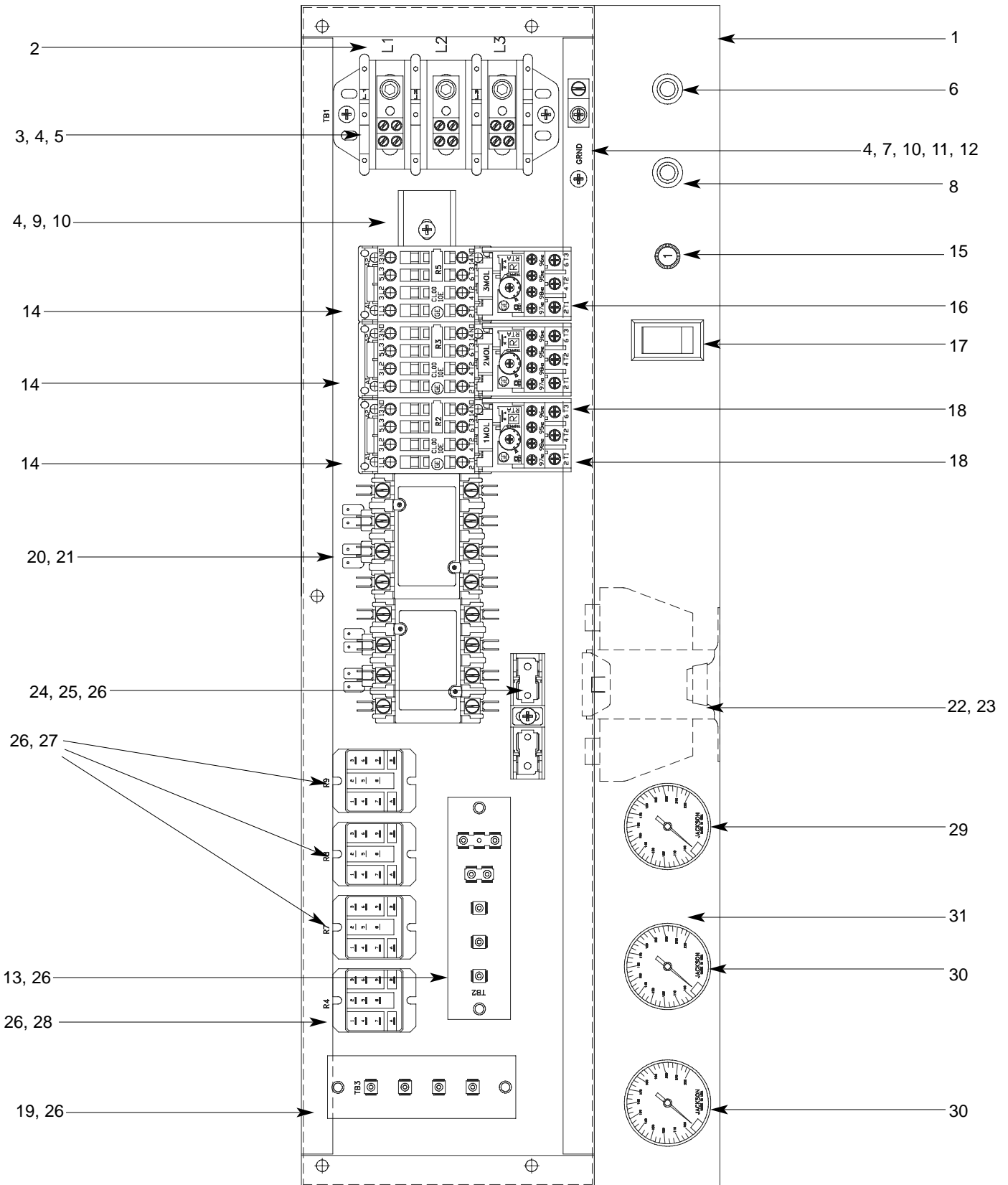
ITEM	QTY	DESCRIPTION	Mfg. No.
1	1	Electrical Box Weldment	05700-041-88-43
2	1	Electrical Plate	05700-031-67-03
3	1	Light, Amber	05945-111-44-44
4	1	Ground Lug	05940-200-76-00
5	1	Terminal Block	05940-011-48-27
6	1	Light, Red	05945-111-44-45
7	1	Circuit Breaker (208 & 230 Volt Models Only)	05925-011-68-34
8	1	Motor Contactor	05945-111-68-38
9	1	Motor Contactor	05945-111-68-38
10	1	Switch, Manual Wash	05930-301-46-00
11	1	Overload	See Chart
12	2	Heater Contactor (Electrically-Heated Models Only)	05945-002-24-70
13	1	Din Rail, 5-3/4" Long	05700-021-72-75
14	1	Transformer	05950-011-68-35
	1	Transformer (575/600 Volt Models Only)	05950-002-23-77
15	2	Relay, Top Mount	05945-111-72-51
16	1	Fuse Holder (460/575/600 Volt Models Only)	05920-011-72-89
17	1	Fuse (460/575/600 Volt Models Only)	05920-011-72-88
18	1	Control Relay	05945-111-35-19
19	1	Terminal Board	05940-021-70-70
20	1	Control Box Decal	09905-021-72-29
21	1	Thermometer, Wash	06685-111-68-48
	1	Decal, Wash 160°F	09905-003-00-69
22	1	Thermometer, Rinse	06685-111-68-49
	1	Decal, Rinse 180°F	09905-002-97-62
23	1	Terminal Board, Screw Down	05940-021-89-41

**Items not shown:**

Grommet, 1/2" OD x 3/8" ID	05325-011-46-73
Bushing, Heyco SB100	05975-210-09-00
Plug, Heyco 2700 G-875	05975-011-47-81
Control Box Cover	05700-031-66-88
Control Box Cover Hinge Weldment	05700-021-68-57
Control Hinge Rod	05700-011-68-58
MANUAL/DELIME Switch (Located on rear of control box)	05930-301-22-18
MANUAL/DELIME Decal	09905-011-74-61
Copper Conductors Only Decal	09905-011-47-35
Control Box Leg	05700-011-71-47

## SECTION 6: PARTS SECTION

### AJ-76 & AJ-90 CONTROL BOX ASSEMBLY



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## SECTION 6: PARTS SECTION

### AJ-76 & AJ-90 CONTROL BOX ASSEMBLY (CONTINUED)

ITEM	QTY	DESCRIPTION	Mfg. No.
1	1	Electrical Box Weldment	05700-041-88-50
2	1	Decal, L1-L2-L3	09905-101-12-66
3	1	Terminal Block	05940-011-48-27
4	6	Lockwasher, #10	05311-273-02-00
5	2	Screw, 10-32 x 3/4" Long Phillips Trusshead	05305-011-62-17
6	1	Light, Amber	05945-111-44-44
7	1	Wire Lug, 2 AWG to 14 AWG	05940-200-76-00
8	1	Light, Red	05945-111-44-45
9	1	Din Rail	05700-021-94-96
10	3	Screw, 10-32 x 1/2" Long Phillips Trusshead	05305-011-39-36
11	1	Washer, Flat, 1/4"	05311-174-01-00
12	1	Decal, Ground	09905-011-86-86
13	1	Terminal Board	05940-021-70-70
14	3	Motor Contactor	05945-111-68-38
15	1	Circuit Breaker (208 & 230 Volt Models Only)	05925-011-68-34
16	1	See Motor Overloads Chart	N/A
17	1	Switch, ON/FILL & OFF/DRAIN	05930-011-49-55
18	1	See Motor Overloads Chart	N/A
19	1	Terminal Board	05940-021-89-41
20	2	Heater Contactor (Not Available on Steam Models)	05945-002-24-70
21	2	Screw, 10-32 x 3/8" Long Phillips Trusshead	05305-173-12-00
22	1	Transformer	05950-011-68-35
	1	Transformer (575/600 Volt Models Only)	05950-002-23-77
23	4	Locknut, 10-24 with Nylon Insert	05310-373-01-00
24	1	Fuse Holder (460/575/600 Volt Models Only)	05920-011-72-89
25	1	Fuse (460/575/600 Volt Models Only)	05920-011-72-88
26	12	Screw, 6-32 x 3/8" Long Phillipshead	05305-171-02-00
27	3	Control Relay	05945-111-35-19
28	1	Relay	05945-111-72-51
29	1	Thermometer, Prewash	06685-111-68-49
30	2	Thermometer, Rinse/Wash	06685-111-87-13
	1	Decal, Wash 160°F	09905-003-00-69
	1	Decal, Rinse 180°F	09905-002-97-62
31	1	Decal, Gauge	09905-021-72-30

#### Items not shown:

Grommet, 1/2" OD x 3/8" ID	05325-011-46-73
Bushing, Heyco SB100	05975-210-09-00
Plug, Heyco 2700 G-875	05975-011-47-81
Control Box Cover	05700-031-66-88
Control Box Cover Hinge Weldment	05700-021-68-57
Control Hinge Rod	05700-011-68-58
MANUAL/DELIME Switch (Located on rear of control box)	05930-301-22-18
MANUAL/DELIME Decal	09905-011-74-61
Copper Conductors Only Decal	09905-011-47-35
Control Box Leg	05700-011-71-47

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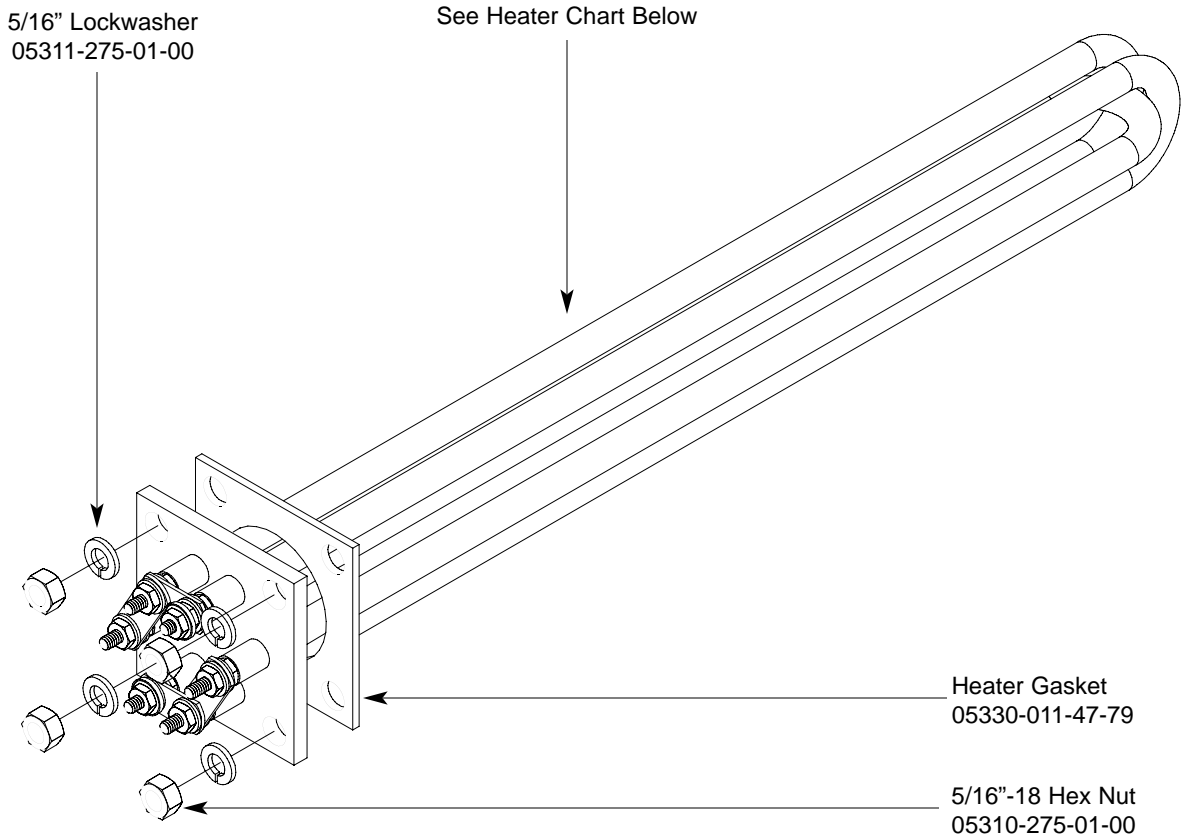
**SECTION 6: PARTS SECTION****MOTOR OVERLOADS**

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<u>Model</u>	<u>Volts</u>	<u>Hz</u>	<u>Phase</u>	<u>Drive Motor</u>	<u>Prewash Motor</u>	<u>Wash Motor</u>
AJ-54CE	208	60	1	N/A	N/A	N/A
AJ-54CE	230	60	1	N/A	N/A	N/A
AJ-54CE	208	60	3	05945-111-68-39	N/A	05945-111-68-40
AJ-54CE	230	60	3	05945-111-68-39	N/A	05945-111-68-40
AJ-54CE	460	60	3	05945-111-68-39	N/A	05945-111-68-40
AJ-54CE	575	60	3	05945-111-69-12	N/A	05945-111-68-41
AJ-54CE	600	60	3	05945-111-69-12	N/A	05945-111-81-33
AJ-54CS	208	60	1	N/A	N/A	N/A
AJ-54CS	230	60	1	N/A	N/A	N/A
AJ-54CS	208	60	3	05945-111-68-39	N/A	05945-111-68-40
AJ-54CS	230	60	3	05945-111-68-39	N/A	05945-111-68-40
AJ-54CS	460	60	3	05945-111-68-39	N/A	05945-111-68-40
AJ-54CS	575	60	3	05945-111-69-12	N/A	05945-111-68-41
AJ-54CS	600	60	3	05945-111-69-12	N/A	05945-111-81-33
AJ-76CE	208	60	1	N/A	N/A	N/A
AJ-76CE	230	60	1	N/A	N/A	N/A
AJ-76CE	208	60	3	05945-111-68-39	05945-111-68-41	05945-111-68-40
AJ-76CE	230	60	3	05945-111-68-39	05945-111-68-41	05945-111-68-40
AJ-76CE	460	60	3	05945-111-68-39	05945-111-68-41	05945-111-68-40
AJ-76CE	575	60	3	05945-111-69-12	05945-111-68-41	05945-111-68-41
AJ-76CE	600	60	3	05945-111-69-12	05945-111-68-41	05945-111-81-33
AJ-76CS	208	60	1	N/A	N/A	N/A
AJ-76CS	230	60	1	N/A	N/A	N/A
AJ-76CS	208	60	3	05945-111-68-39	05945-111-68-41	05945-111-68-40
AJ-76CS	230	60	3	05945-111-68-39	05945-111-68-41	05945-111-68-40
AJ-76CS	460	60	3	05945-111-68-39	05945-111-68-41	05945-111-68-40
AJ-76CS	575	60	3	05945-111-69-12	05945-111-68-41	05945-111-68-41
AJ-76CS	600	60	3	05945-111-69-12	05945-111-68-41	05945-111-68-41
AJ-90CE	208	60	1	N/A	N/A	N/A
AJ-90CE	230	60	1	N/A	N/A	N/A
AJ-90CE	208	60	3	05945-111-68-39	05945-111-68-41	05945-111-68-40
AJ-90CE	230	60	3	05945-111-68-39	05945-111-68-41	05945-111-68-40
AJ-90CE	460	60	3	05945-111-68-39	05945-111-68-41	05945-111-68-40
AJ-90CE	575	60	3	05945-111-69-12	05945-111-68-41	05945-111-68-41
AJ-90CE	600	60	3	05945-111-69-12	05945-111-68-41	05945-111-81-33
AJ-90CS	208	60	1	N/A	N/A	N/A
AJ-90CS	230	60	1	N/A	N/A	N/A
AJ-90CS	208	60	3	05945-111-68-39	05945-111-68-40	05945-111-68-40
AJ-90CS	230	60	3	05945-111-68-39	05945-111-68-40	05945-111-68-40
AJ-90CS	460	60	3	05945-111-68-39	05945-111-68-40	05945-111-68-40
AJ-90CS	575	60	3	05945-111-69-12	05945-111-68-41	05945-111-68-41
AJ-90CS	600	60	3	05945-111-69-12	05945-111-68-41	05945-111-81-33

## SECTION 6: PARTS SECTION

### HEATER ASSEMBLY



#### Heater Chart

<u>Model</u>	<u>Volts</u>	<u>Phase</u>	<u>KW</u>	<u>Part Number</u>
All*	208	1	10	06401-003-12-94
	230	1	10	06401-003-12-95
	208	3	10	06401-003-12-94
	230	3	10	06401-003-12-95
	460	3	10	06401-003-12-96
	575	3	10	06401-003-12-97
	575	3	18	04540-003-06-22
	600	3	10	06401-003-12-97

\* - AJ-54CGP, AJ-54CS, AJ-76CGP, AJ-76CS and AJ-90CS models do not use electric heaters in the wash tank or power rinse tank.

**SERVICE NOTE:** When replacing the tub heaters, it is HIGHLY recommended that you also change out the gasket as well. Once installed, gaskets become compressed and are subjected to extreme temperature changes. Replacing the gasket with a new one when replacing the heater may prevent future leaks.

**SERVICE NOTE:** The nuts used to secure the heater to the tub should be torqued to 16 in-lbs. After tightening, the unit should be allowed to heat up and operate normally for approximately 30 minutes. Secure power to the machine and check the nuts once more to ensure that they are torqued to 16 in-lbs.

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## SECTION 6: PARTS SECTION

### HEATER ASSEMBLY (CONTINUED)

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The wash tank heater system is electrically connected in the circuit so that they are dependent upon the dishwasher being properly filled with and maintaining a safe water level, two thermostats (mounted in the heater box behind the dress panel), float switch (mounted in the wash tank), and the heater relay (mounted in control box) with the heater being activated by the thermostats.

Once the dishwasher has been filled to the correct level, the heater should operate automatically. Should the tank heat be too high, too low or no indication of temperatures at all, the following checkout should be made.

**Note: The following checkout should be made by either a qualified service person or electrician.**

#### **A- Checkout of the heater system**

- 1- If the temperature is too high, adjust thermostat using instructions on the page entitled "Thermostats".
- 2- If temperature is too low, adjust thermostat as above, then:
  - a - Turn off power to machine by placing customer's circuit breaker in the "OFF" position. Turn off machine circuit breaker located on right side of control box.
  - b - Remove cover from control box on top of dishwasher.
  - c - Make sure water temperature is below 140° F.(preferably about 130°F.).
  - d - Turn on both circuit breakers. Observe heater relay (R1) while the power switch is turned "ON" and "OFF". If relay contacts move in and out, the heater relay is operating correctly: if not proceed to "C".

#### **B- If heater relay (R1) closes:**

- 1 - Check power supply at incoming terminal board L1, L2 & L3. It should be the same voltage as indicated on the machine data plate.
- 2 - Check power at connections on heater relay (R1). The voltage should agree with the voltage on the machine data plate. If not, check wires for breaks or bad connections.
- 3 - Check power at terminals of heater which should agree with the data plate. If not check wires for breaks or bad connections.
- 4 - Temperatures should rise as explained in "C-1", and amperage may be checked according to those instructions. Replace any defective elements.

#### **C - If heater relay (R1) does not close.**

- 1 - There is an insulated movable insulated movable bar on relay across the top. With an insulated probe, depress this bar and observe the thermometer: the temperature should rise noticeably in a minute or two. If it moves slowly, it would indicate that the element is faulty. If it moves constantly higher at a good rate, elements should be good.

**Note: A check with an amp probe at heater relay (R1) terminals should be made to verify the amp draw on each leg. This should be appropriate for the voltage and phase indicated on the data plate**

#### **HEATER PROTECTION & AUTOMATIC FILL**

This control is activated when the power switch is turned "ON". The primary function is to automatically energize the wash tank heat circuit. It will also cutoff the wash tank heat circuit should the water be accidently drained from the machine with the power switch still "ON". The power switch should always be turned-off before draining the unit.

This water level control consists of two (2) floats that operate when the power switch is turned on and works in conjunction with the thermostats and heater relays.

When the power switch is turned "ON" water starts to enter the dishmachine. When it reaches the proper level the normally open contacts in the water level float switch close activating the heating circuit for tank heat.

If the water level below the correct level while power is still on, the float switch will sense the lack of water and de-activate the heater.

**SECTION 6: PARTS SECTION**  
**THERMOSTATS/FRAME ASSEMBLY/DRESS PANELS**

**THERMOSTATS**

The thermostat range is from 140°F to 240°F with a maximum bulb exposure temperature of 300°F.

**Calibration:**

**Wash Thermostat:**

Set Point: 165°F (Adjustable range)

**Hi-Limit Thermostat:**

Fixed set point: 210°F (Non-adjustable)

The hi-limit thermostat is used to protect the heater element in the event of a run away regulating thermostat or a dry fire situation. It is set for 210°F +0°F or -10°F with a fixed set point. **This part is not adjustable.**

The wash tank regulating thermostat will maintain the correct wash water temperature to meet NSF requirements. These specify that the wash be no lower than 160°F on hot water sanitizing machines.

To order the thermostats and corresponding decals:

Kit, Thermostat, Wash Regulating (CE Models)	06401-003-18-20
Kit, Thermostat, Wash Regulating (CS Models)	06401-003-18-21
Thermostat, High Limit Control	05930-011-49-43
1/4" Imperial Brass Fitting	05310-924-02-05

**HEATER BOX COMPONENTS**

Heater Box Weldment	05700-031-66-81
Heater Box Cover	05700-031-66-82
Terminal Board	05940-002-78-97

**FRAME WELDMENTS**

<u>Model</u>	<u>Left to Right Part Number</u>	<u>Right to Left Part Number</u>
AJ-54's	05700-031-75-20	05700-031-75-20
AJ-54CGP	05700-002-65-68	05700-002-65-68
AJ-76's	05700-031-75-25	05700-031-75-22
AJ-76CGP	05700-031-75-25	N/A
AJ-90's	05700-031-75-26	05700-031-75-24

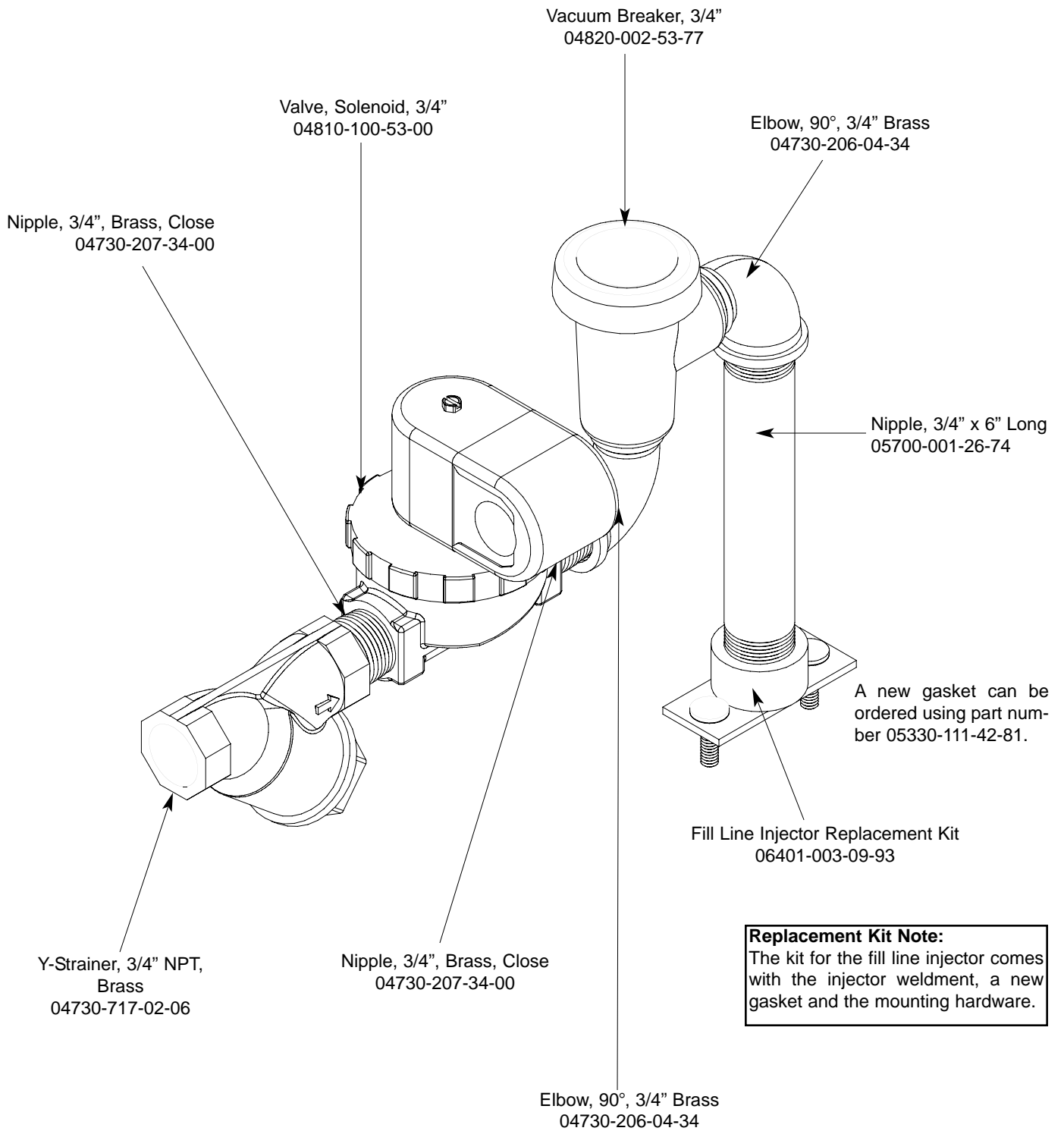
Bullet Feet (4 per model) - order using part number 5340-011-71-74.

**FRONT DRESS PANELS**

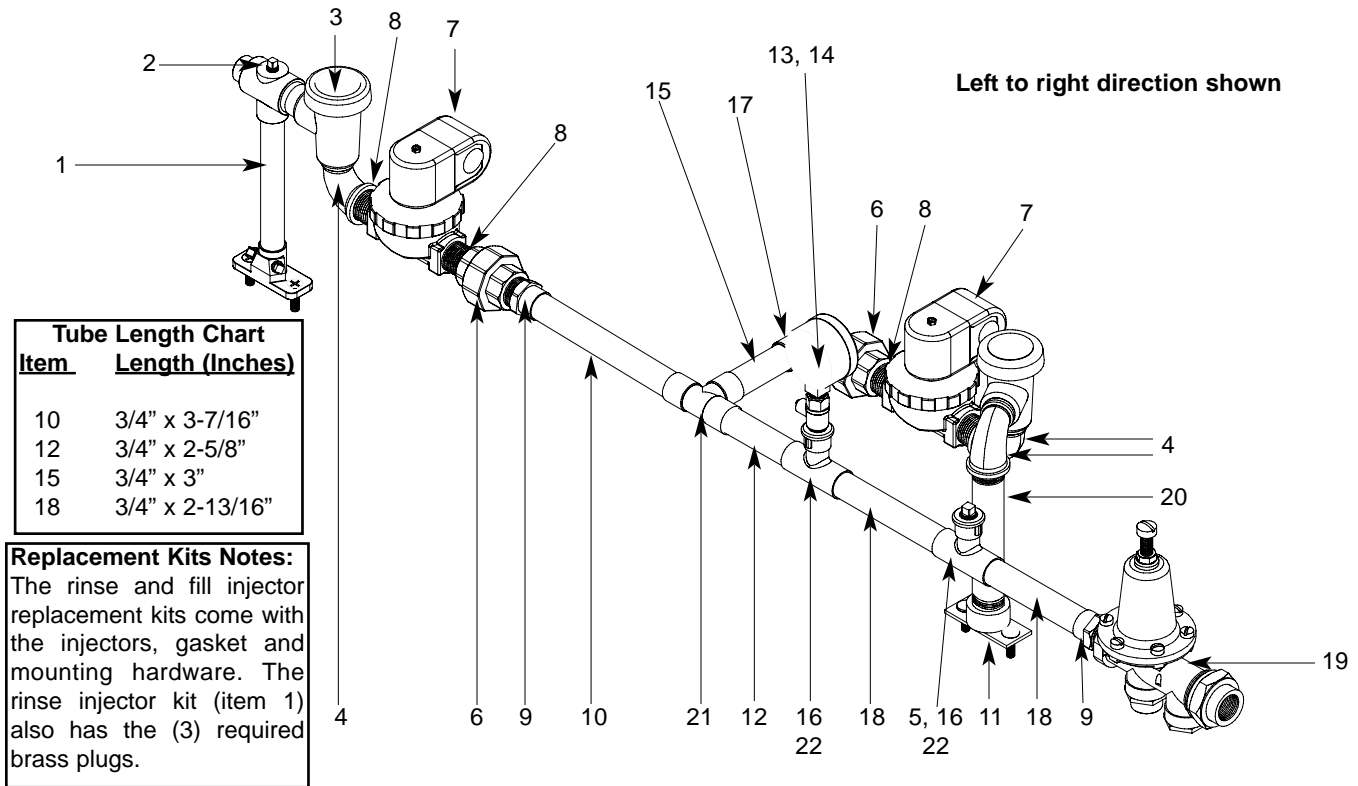
<u>Model</u>	<u>Left to Right Part Number</u>	<u>Right to Left Part Number</u>
AJ-54's	05700-031-72-22	05700-031-72-22
AJ-54CGP	05700-002-63-12	05700-002-63-12
AJ-76's	05700-031-71-85	05700-031-72-42
AJ-76CGP	05700-002-89-68	N/A
AJ-90's	05700-031-74-06	05700-031-77-10



**SECTION 6: PARTS SECTION**  
**PREWASH PLUMBING ASSEMBLY**



**SECTION 6: PARTS SECTION**  
**WASH SECTION INCOMING PLUMBING ASSEMBLY**

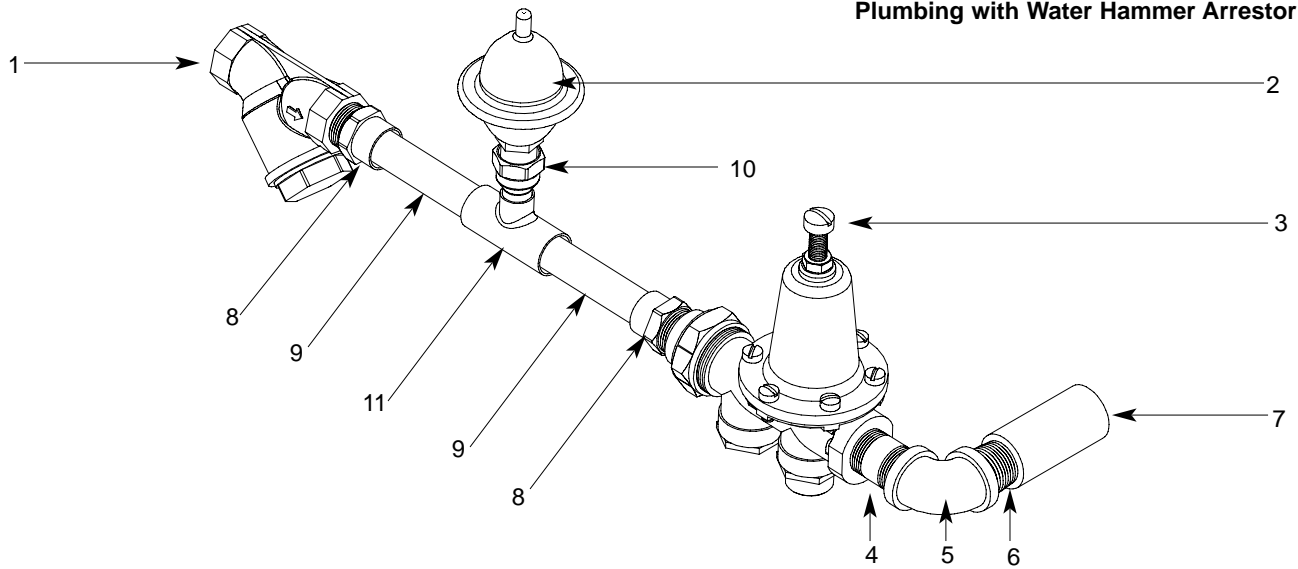


ITEM	QTY	DESCRIPTION	Mfg. No.
1	1	Rinse Injector Replacement Kit	06401-003-11-88
	1	Gasket	05330-111-42-81
2	3	Plug, Brass, 1/8" NPT	04730-209-07-37
3	2	Vacuum Breaker, 3/4" NPT	04820-002-53-77
4	3	Elbow, Street, 3/4" NPT	04730-206-04-34
5	1	Plug	04730-209-01-00
6	2	Union, Brass, 3/4"	04730-212-05-00
7	2	Solenoid Valve, 3/4"	04810-100-53-00
8	4	Nipple, Close, Brass, 3/4" NPT	04730-207-34-00
9	2	Fitting, 3/4" Male to Slip Copper	04730-401-11-01
10	1	Tube, Copper	See Chart
11	1	Fill Injector Replacement Kit	06401-003-09-93
	1	Gasket	05330-111-42-81
12	1	Tube, Copper	See Chart
13	1	Gauge, Pressure, 0-100 PSI	06685-111-88-34
	1	Decal, 15-25 PSI	09905-002-97-74
14	1	Valve, Ball, Test Cock, 1/4" NPT	04810-011-72-67
15	1	Tube, Copper	See Chart
16	2	Tee, 3/4" x 3/4" x 1/2"	04730-411-03-01
17	1	Elbow, Brass, 90°, 3/4" Copper	04730-406-42-01
18	2	Tube, Copper	See Chart
19	1	Regulator, Pressure, 3/4" NPT, Brass	06685-011-58-22
20	1	Nipple, Brass, 6" Long	05700-001-26-74
21	1	Tee, 3/4", CUB x CUB x CUB	04730-
411-46-01			
22	2	Fitting, Adapter, 1/2" to 1/4"	04730-401-41-01

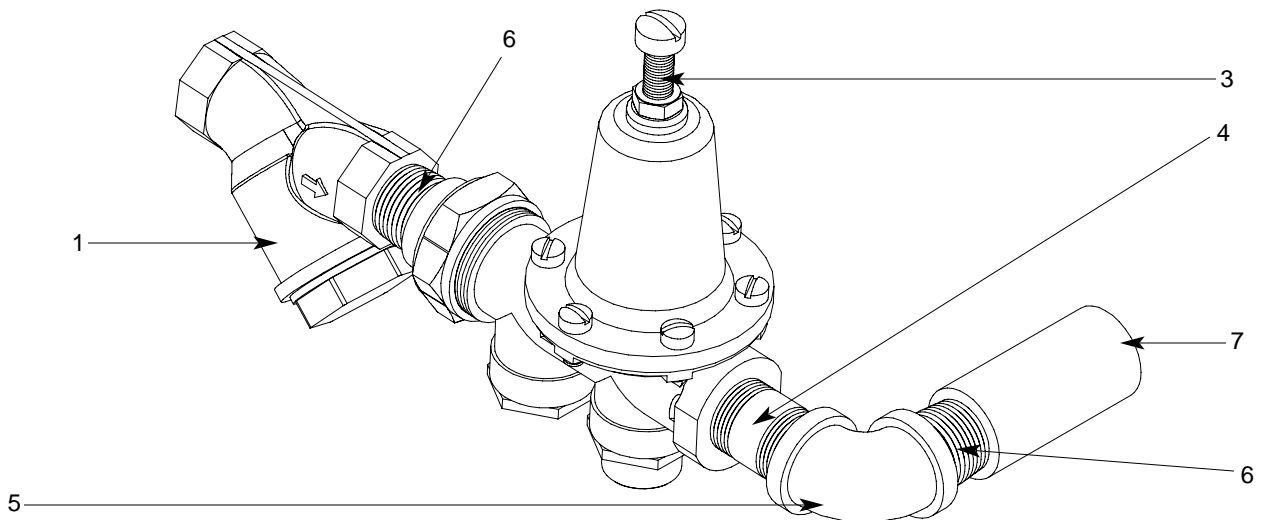
## SECTION 6: PARTS SECTION

### EXTERNAL ELECTRIC BOOSTER INCOMING PLUMBING ASSEMBLIES

**Plumbing with Water Hammer Arrestor**

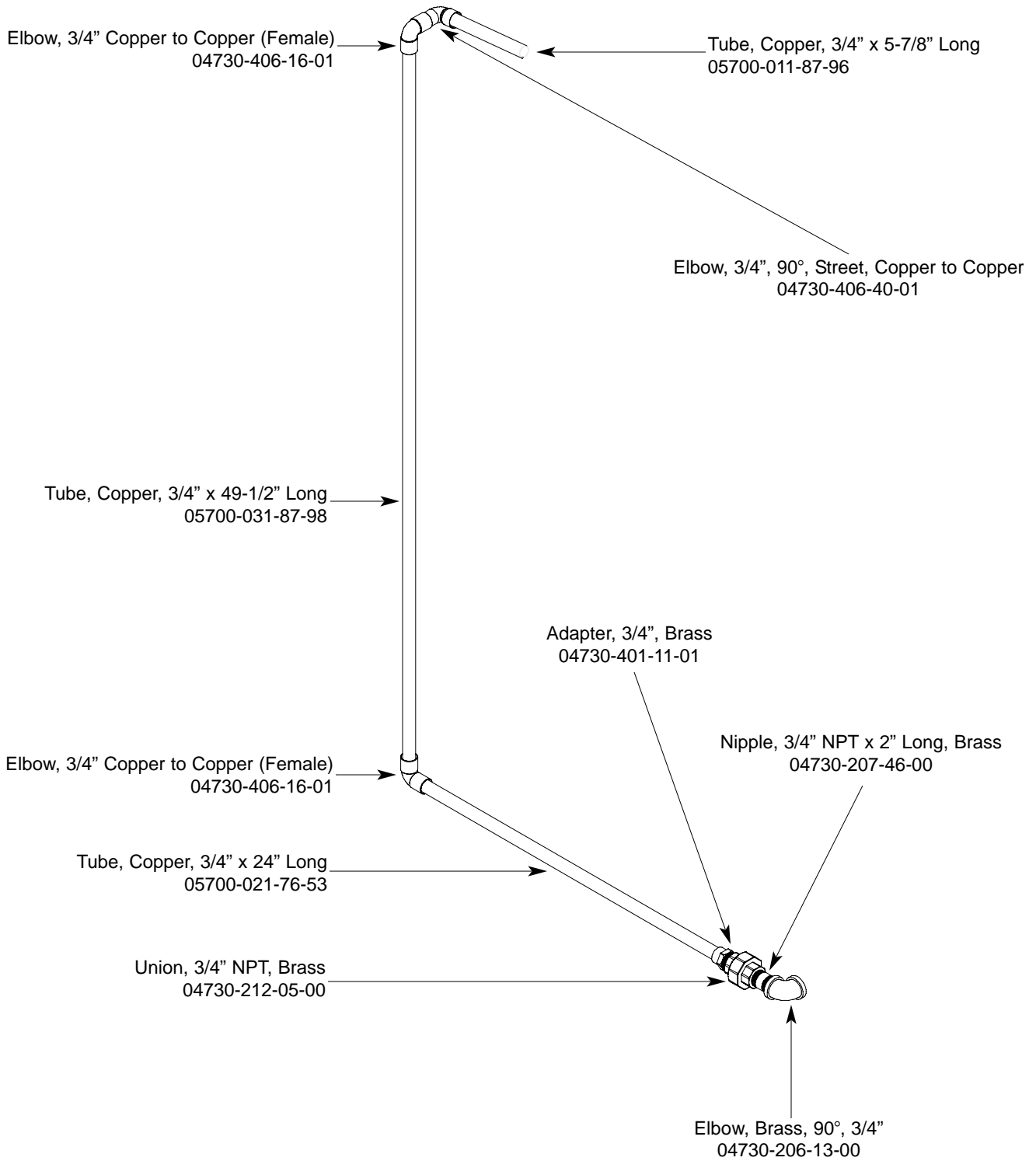


**Plumbing without Water Hammer Arrestor**



ITEM	QTY	DESCRIPTION	Mfg. No.
1	-	Y-Strainer, 3/4" NPT, Brass	04730-717-02-06
2	-	Arrestor, Water Hammer, 1/2" NPT	06685-100-05-00
3	-	Regulator, Pressure, 3/4" NPT, Brass	06685-011-58-22
4	-	Nipple, 3/4" NPT x 2" Long, Brass	04730-207-46-00
5	-	Elbow, Brass, 90°, 3/4"	04730-206-13-00
6	-	Nipple, 3/4" NPT, Close, Brass	04730-207-34-00
7	-	Coupling, 3/4" FNPT x 3/4" FNPT, Brass	04730-011-87-95
8	-	Adapter, 3/4" Male	04730-401-11-01
9	-	Tube, Copper, 3/4" x 3-7/16" Long	05700-011-72-70
10	-	Adapter, 1/2" NPT x Male	04730-401-07-01
11	-	Tee, Copper, 3/4" x 3/4" x 1/2"	04730-411-03-01

**SECTION 6: PARTS SECTION**  
**EXTERNAL ELECTRIC BOOSTER OPTION OUTLET PLUMBING**

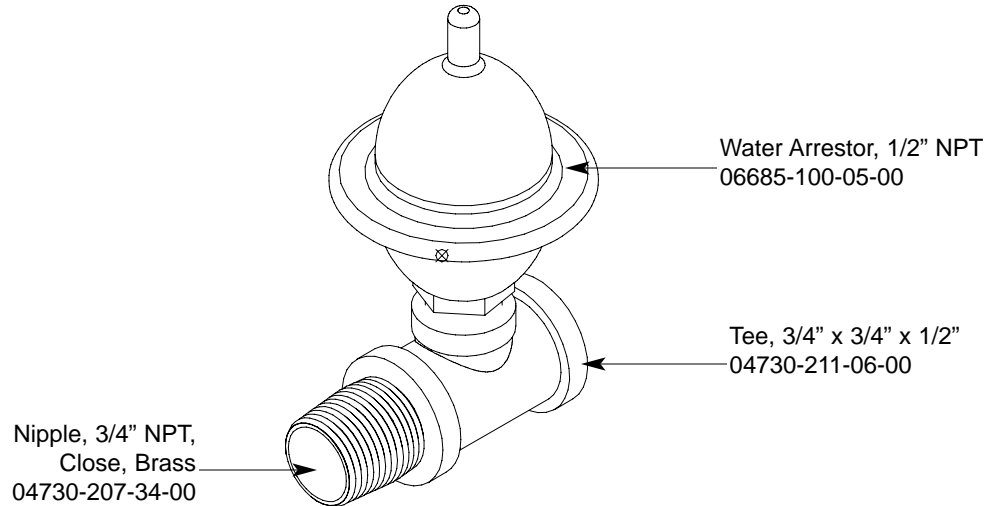


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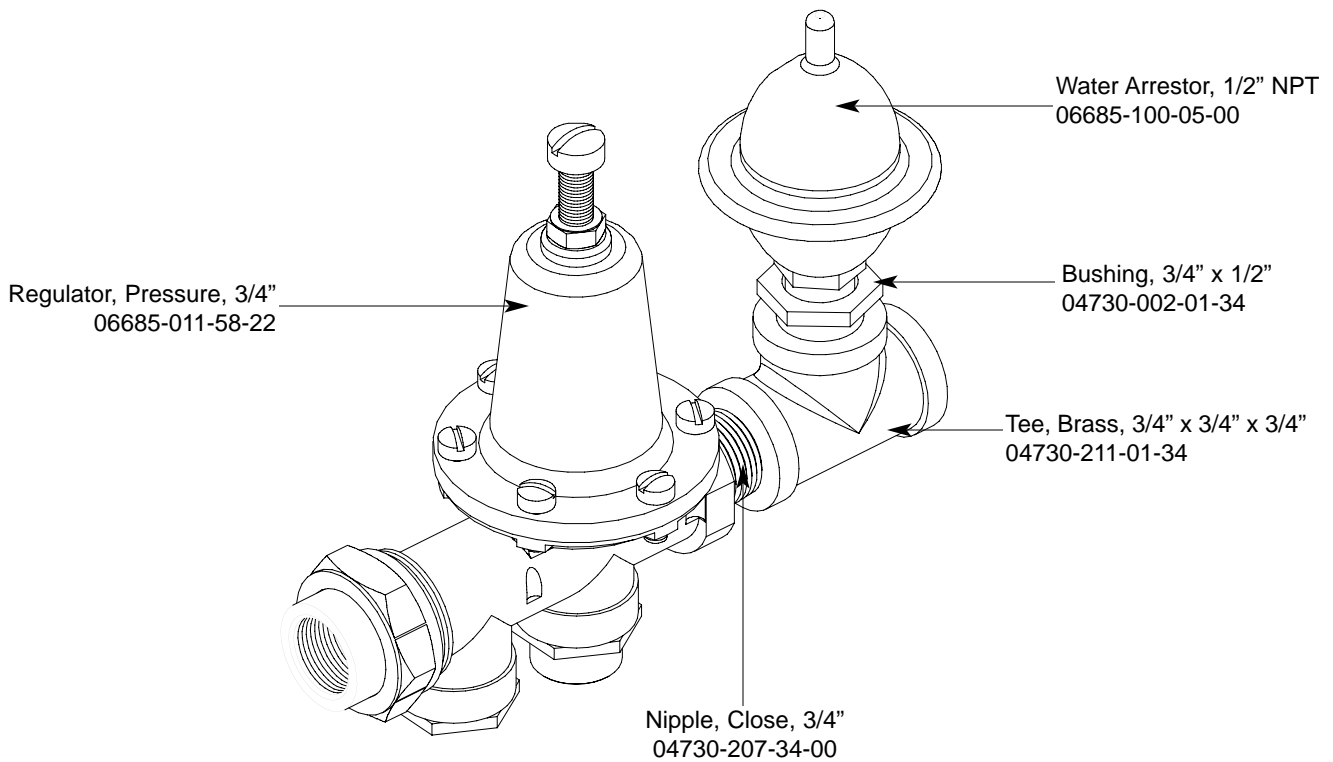
## SECTION 6: PARTS SECTION

### WATER HAMMER ARRESTOR OPTION/WATER PRESSURE REGULATOR KIT OPTION

#### WATER HAMMER ARRESTOR OPTION

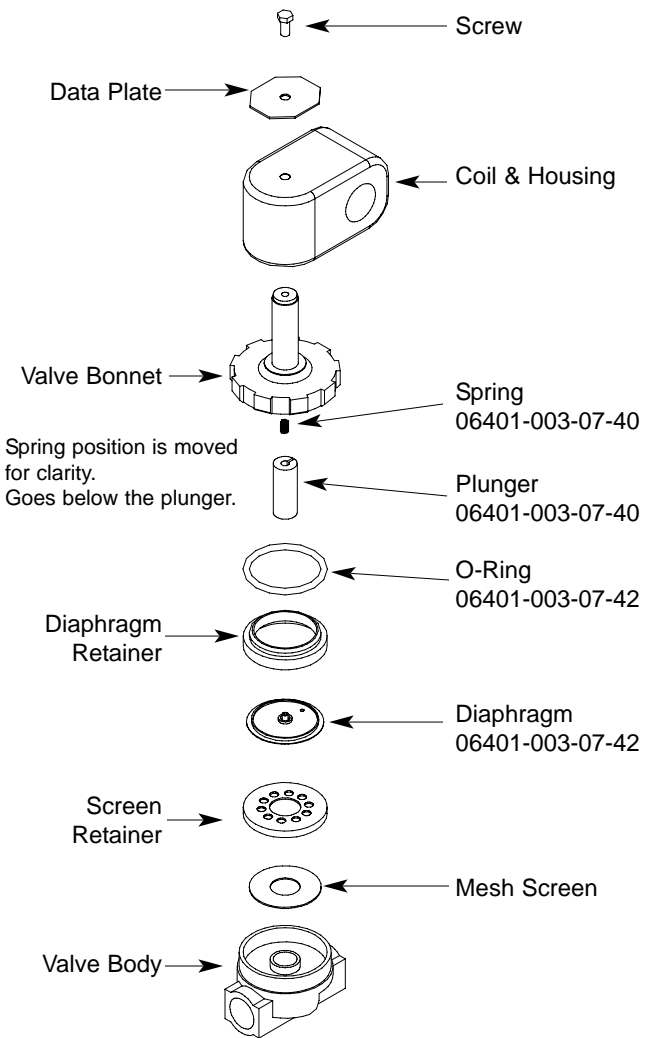


#### WATER PRESSURE REGULATOR WITH ARRESTOR KIT OPTION



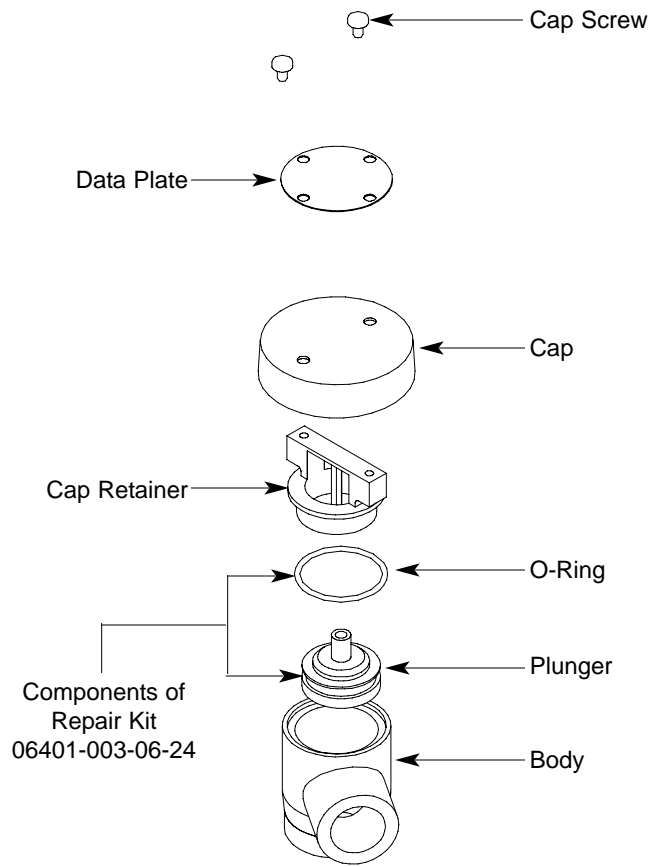
## SECTION 6: PARTS SECTION

### RINSE SOLENOID VALVE & VACUUM BREAKER REPAIR PARTS KITS



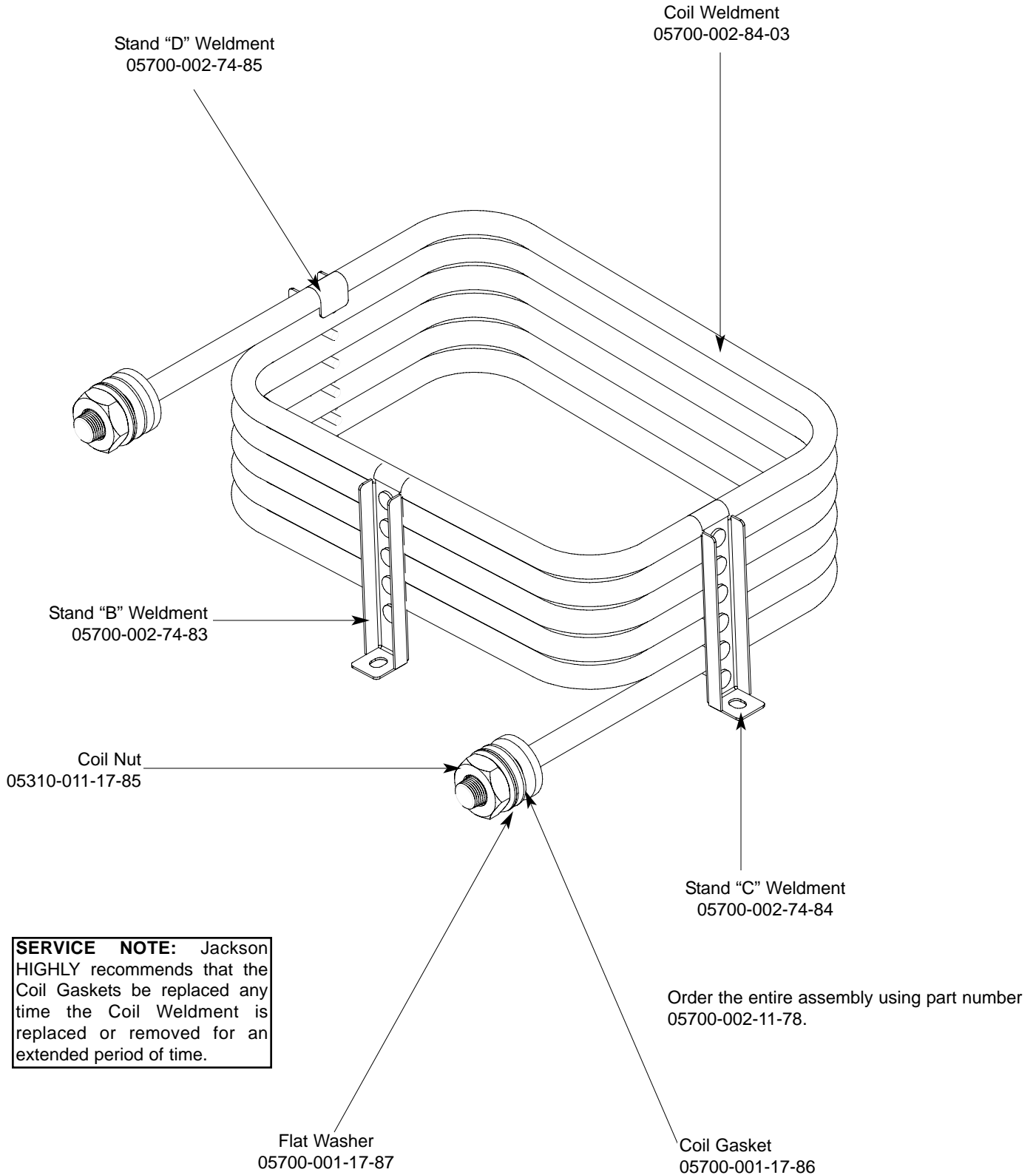
**Complete 110 Volt Solenoid Valve Assembly, 3/4"**  
04810-100-53-00

**Coil & Housing only, 3/4"**  
06401-003-07-43



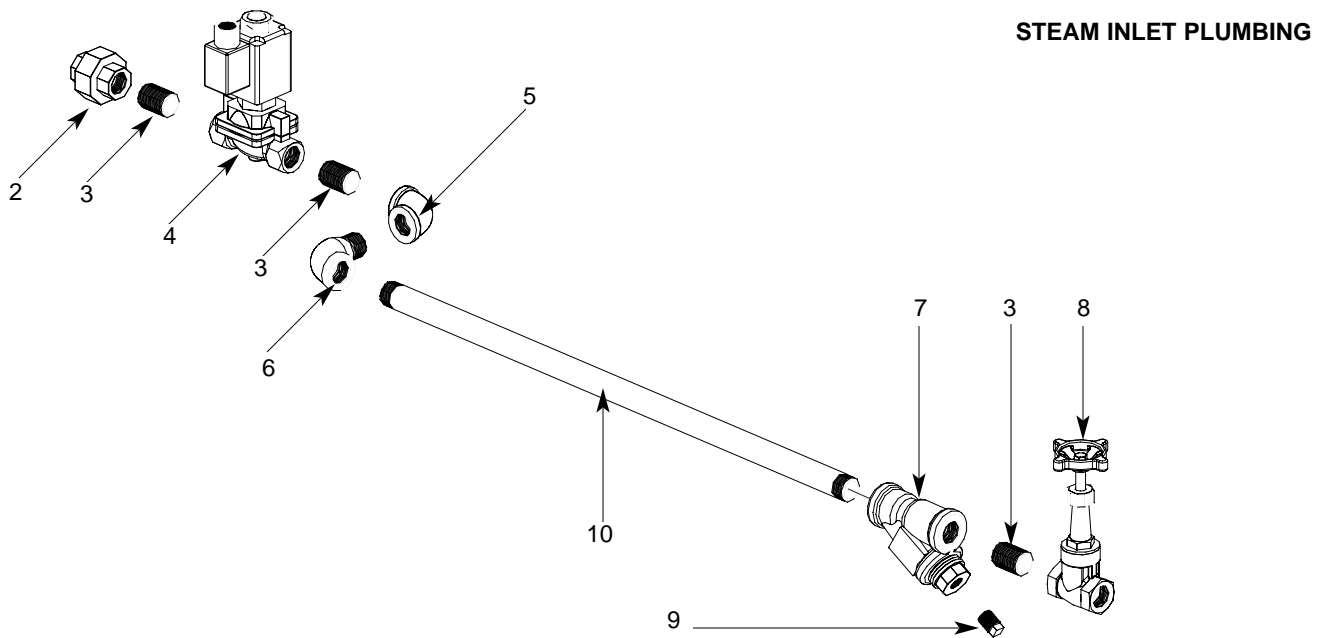
**Complete Vacuum Breaker Assembly, 3/4" NPT**  
04820-002-53-77

**SECTION 6: PARTS SECTION**  
**STEAM UNIT WASH TANK COIL ASSEMBLY**



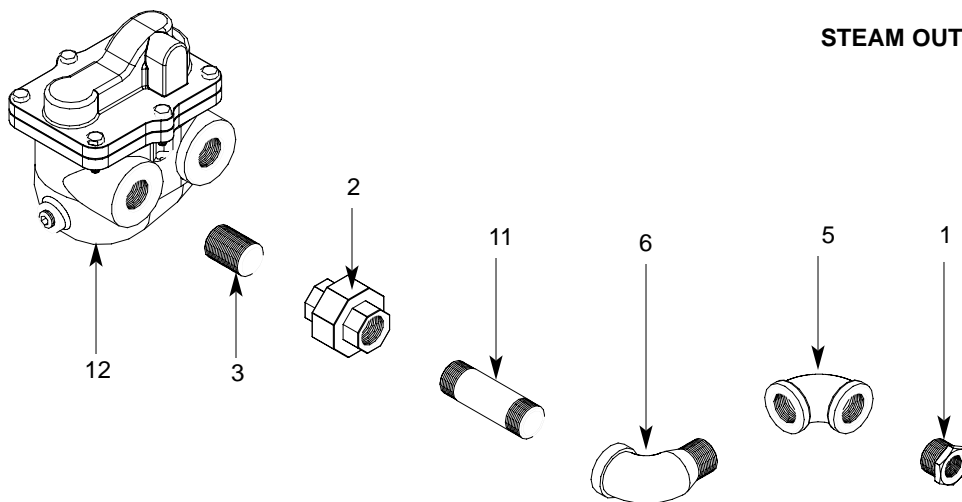
## SECTION 6: PARTS SECTION

### STEAM PLUMBING (LEFT TO RIGHT)



**STEAM INLET PLUMBING**

ITEM	QTY	DESCRIPTION	Mfg. No.
1	1	Reducer, 3/4" NPT to 1/2" NPT, Black Iron	04730-911-02-34
2	2	Union, 3/4" NPT, Black Iron	04730-912-01-00
3	4	Nipple, Close, 3/4" NPT, Black Iron	04730-907-01-00
4	1	Valve, Steam Solenoid, 3/4" NPT, 120V	04820-011-87-39
5	2	Elbow, 90°, 3/4" FNPT, Black Iron	04730-906-10-34
6	2	Elbow, Street, 90°, 3/4" NPT, Black Iron	04730-011-87-37
7	1	Y-Strainer, 3/4" NPT, Black Iron	04730-217-01-32
8	1	Valve, Gate, Steam, 3/4" NPT	04820-100-19-00
9	1	Plug, 3/8" NPT, Black Iron	04730-909-02-34
10	1	Nipple, 3/4" NPT x 47" Long	04730-021-89-26
11	1	Pipe, 3/4" NPT x 2" Long, Black Iron	04730-907-05-34
12	1	Steam Trap, 3/4" NPT	06680-500-02-77

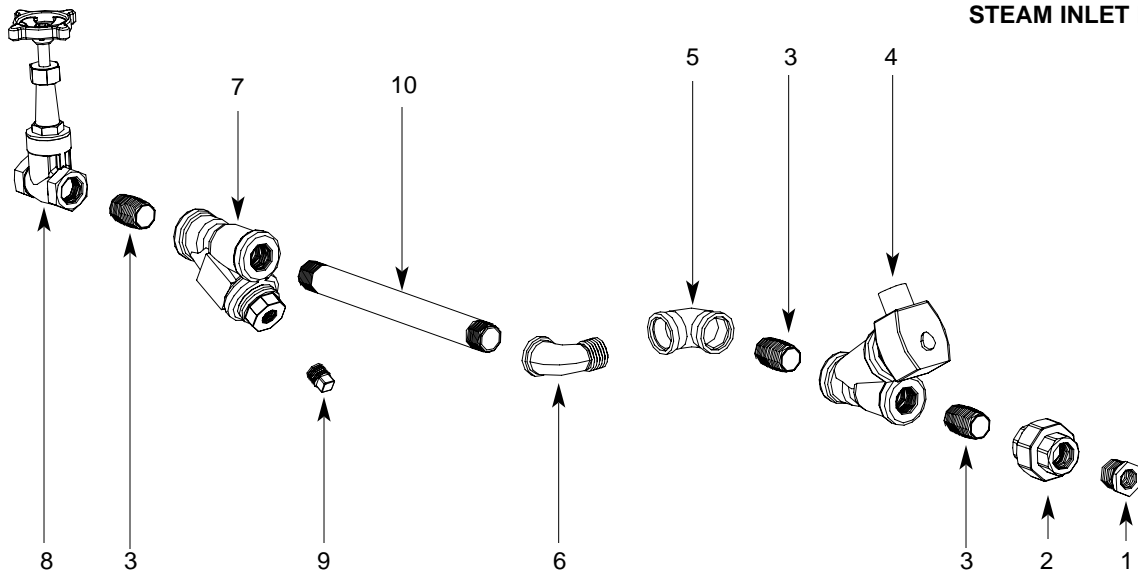


**STEAM OUTLET PLUMBING**



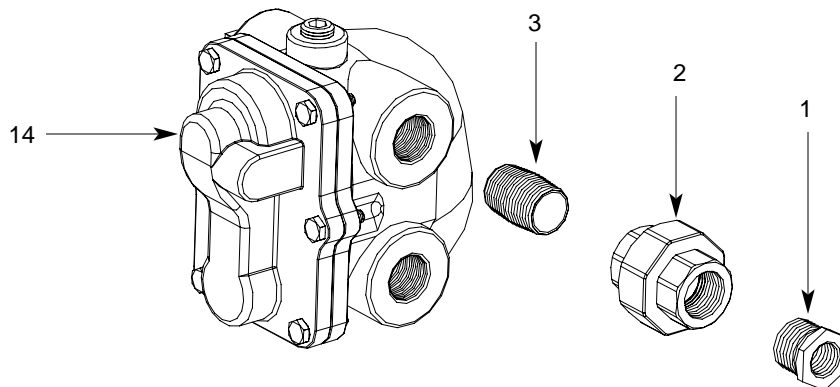
**SECTION 6: PARTS SECTION**  
**STEAM PLUMBING (RIGHT TO LEFT)**

**STEAM INLET PLUMBING**

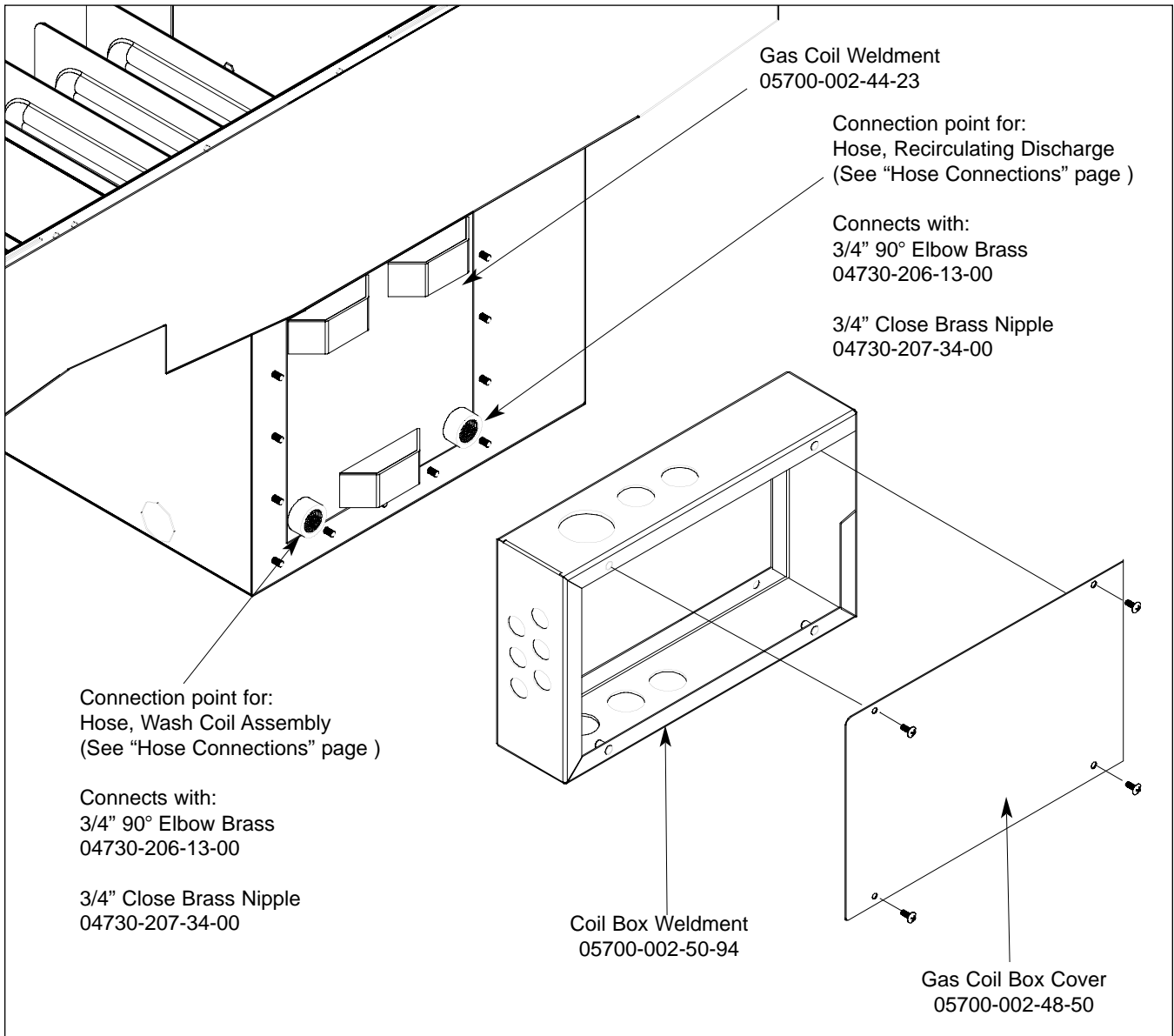


ITEM	QTY	DESCRIPTION	Mfg. No.
1	2	Reducer, 3/4" NPT to 1/2" NPT, Black Iron	04730-911-02-34
2	2	Union, 3/4" NPT, Black Iron	04730-912-01-00
3	4	Nipple, Close, 3/4" NPT, Black Iron	04730-907-01-00
4	1	Valve, Steam Solenoid, 3/4" NPT, 120V	04820-011-87-39
5	1	Elbow, 90°, 3/4" FNPT, Black Iron	04730-906-10-34
6	1	Elbow, Street, 90°, 3/4" NPT, Black Iron	04730-011-87-37
7	1	Y-Strainer, 3/4" NPT, Black Iron	04730-217-01-32
8	1	Valve, Gate, Steam, 3/4" NPT	04820-100-19-00
9	1	Plug, 3/8" NPT, Black Iron	04730-909-02-34
10	1	Nipple, 3/4" NPT x 10" Long	04730-907-06-34
11	1	Reducer, 3/4" NPT to 1/2" NPT, Black Iron	04730-911-02-34
12	1	Elbow, 90°, 3/4" FNPT, Black Iron	04730-906-10-34
13	1	Elbow, Street, 3/4" NPT, Black Iron	04730-011-87-37
14	1	Steam Trap, 3/4" NPT	06680-500-02-77

**STEAM OUTLET PLUMBING**



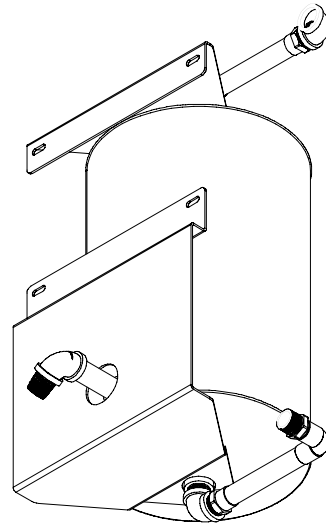
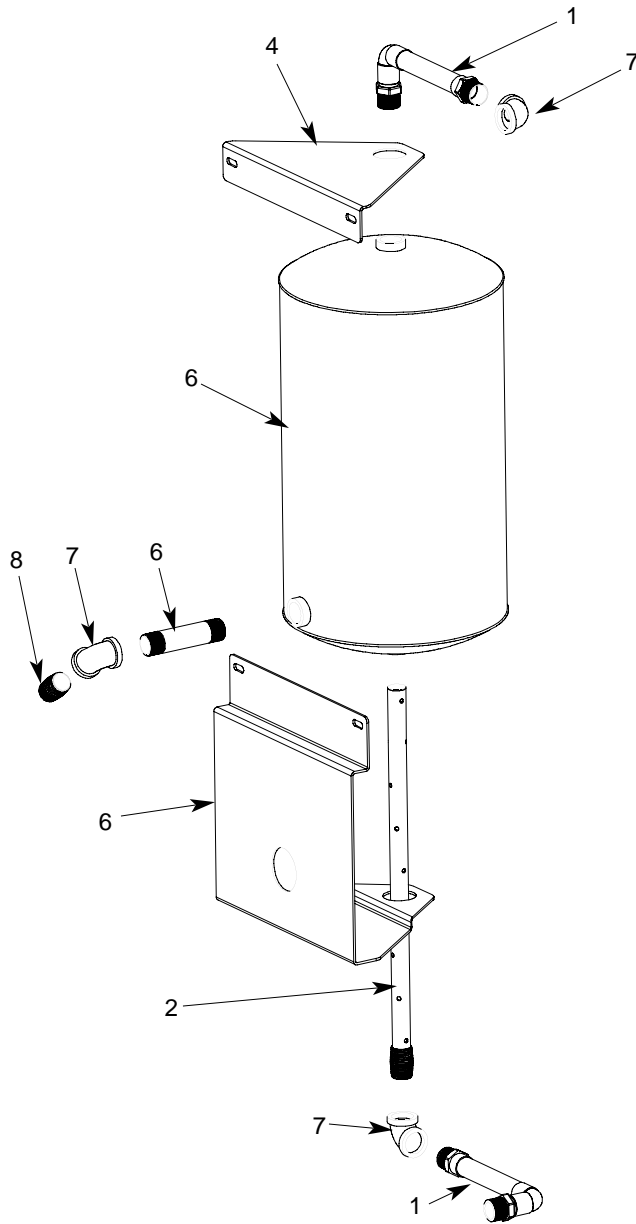
**SECTION 6: PARTS SECTION**  
**GAS COIL ASSEMBLY (CGP MODELS)**



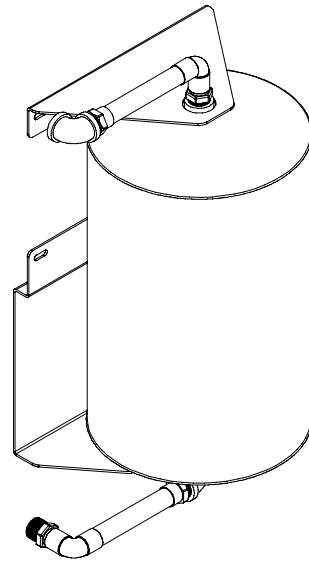
Other items used but not shown.

ITEM	QTY	DESCRIPTION	Mfg. No.
1	1	Thermostat, High Limit	05930-011-49-43
2	1	Gasket	05330-200-02-70
3	1	Terminal Board	05940-002-78-97
4	1	Thermostat Bracket	05700-011-81-64
5	1	Decal, Thermostat Regulating	09905-011-84-31
6	1	Thermostat, Wash Regulating	06401-140-00-32
7	2	Fitting, 1/4", Imperial Brass	05310-924-02-05

**SECTION 6: PARTS SECTION**  
**TANK, RINSE BOOSTER (CGP MODELS ONLY)**



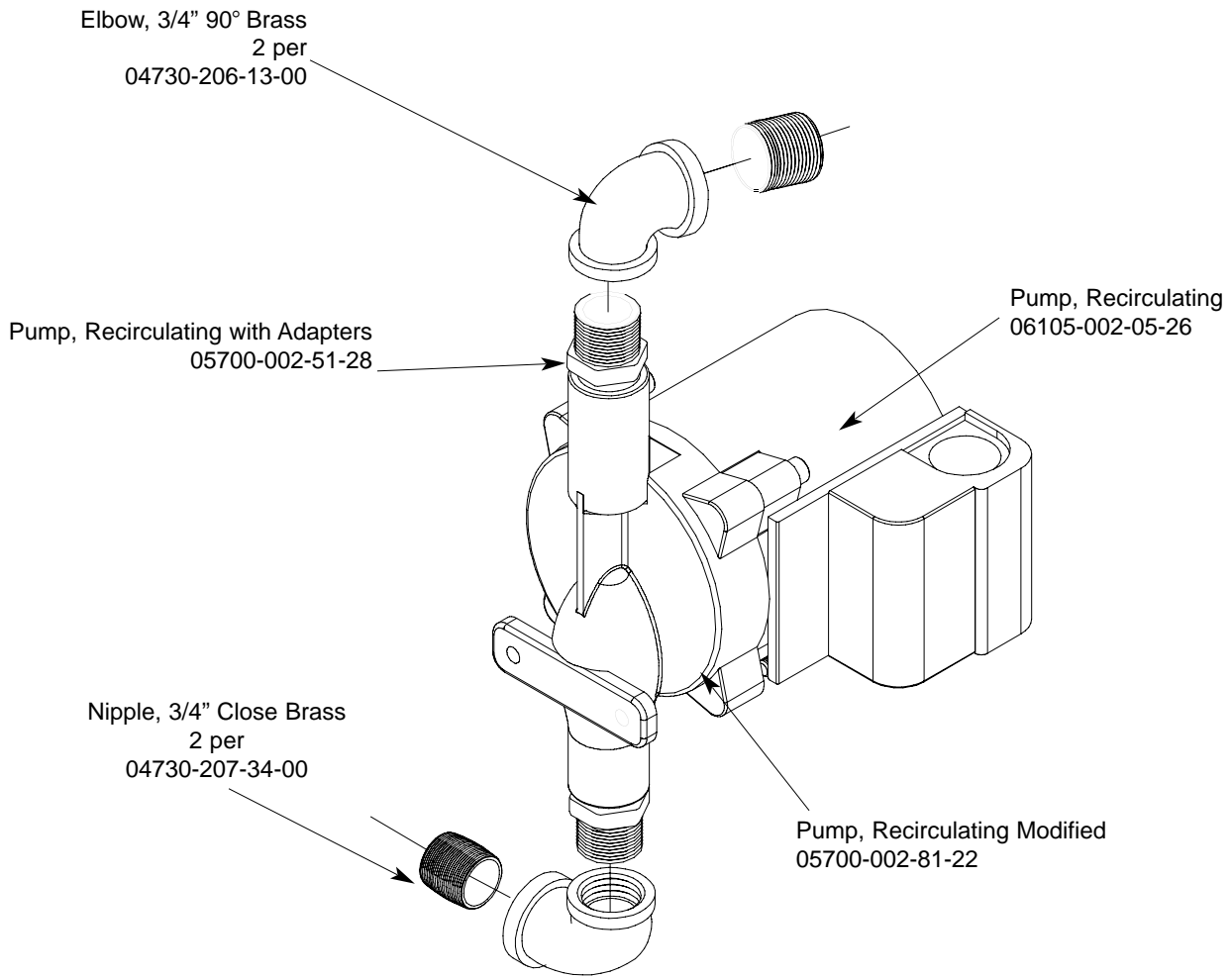
BOTTOM ANGLED VIEW



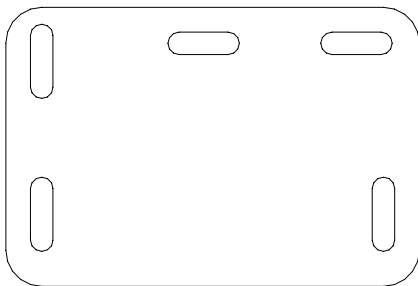
TOP ANGLED VIEW

ITEM	QTY	DESCRIPTION	Mfg. No.
1	2	Plumbing Assembly, Inlet/Discharge, Rinse Tank	05700-002-51-24
2	1	Tube, Dispersion Weldment	05700-002-46-16
3	1	Tank, GP Rinse	05700-002-45-05
4	1	Bracket, Upper Rinse Tank	05700-002-67-13
5	1	Bracket, Lower Rinse Tank	05700-002-67-14
6	1	Nipple, 3/4" NPT x 4" Long	04730-207-05-00
7	3	Elbow, 3/4" NPT, 90° Brass	04730-206-13-00
8	1	Nipple, 3/4" NPT x Closed Brass	04730-207-34-00

**SECTION 6: PARTS SECTION**  
**RECIRCULATING PUMP ASSEMBLY (CGP MODELS ONLY)**

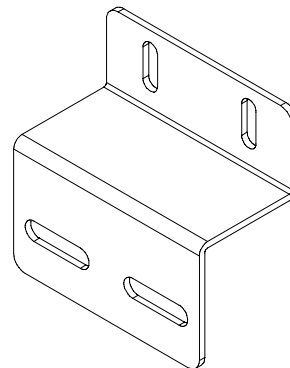


Used on AJ-54CGP, AJ-76CGP, AJ-90CGP units right to left units and the AJ-54CGP left to right unit.



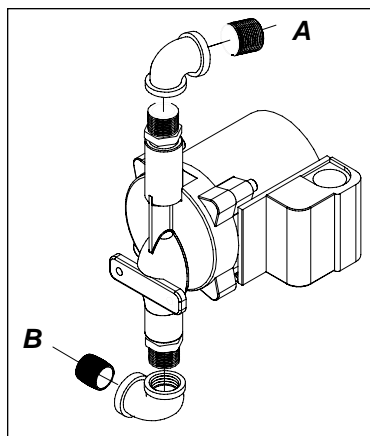
Mounting Bracket  
05700-002-25-74

Used only on AJ-76CGP left to right units.

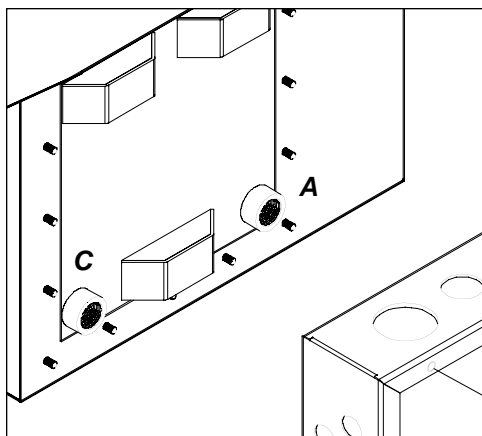


Mounting Bracket  
05700-002-23-61

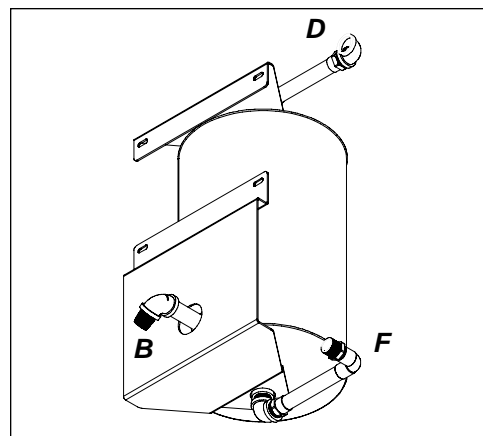
**SECTION 6: PARTS SECTION**  
**HOSE CONNECTIONS (CGP MODELS ONLY)**



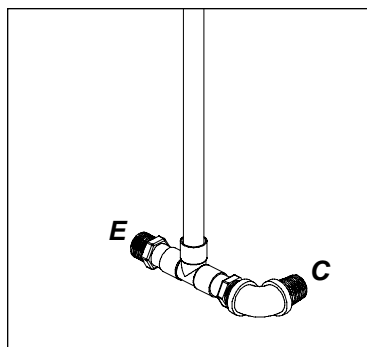
Recirculating Pump Assembly



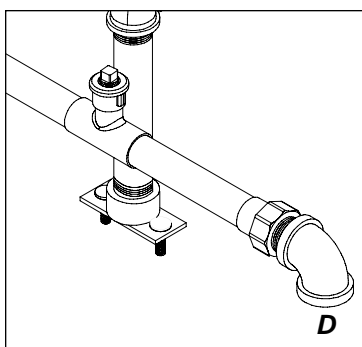
Gas Coil Weldment



Rinse Booster Tank



Rinse Header Plumbing Assembly



Wash/Fill Plumbing Assembly

**HOSE ASSEMBLIES**

**AJ-54CGP (L-R & R-L)**

**AJ-76CGP (L-R)**

\*Each hose assembly includes 2, 3/4" Pushlock Fittings part number 04730-011-94-00.

A - Hose, Recirculating Discharge	(39") 05700-002-65-58	(31") 05700-002-89-69
B - Hose, Recirculating Pump Suction	(23 1/2") 05700-002-65-57	(18") 05700-002-51-38
C - Hose, Wash Coil Assembly	(34") 05700-002-52-76	(36") 05700-002-89-72
D - Hose, Wash/Fill Supply	(60") 05700-003-03-97	(60") 05700-003-03-97

E - Hose connection to existing gas booster outlet fitting.

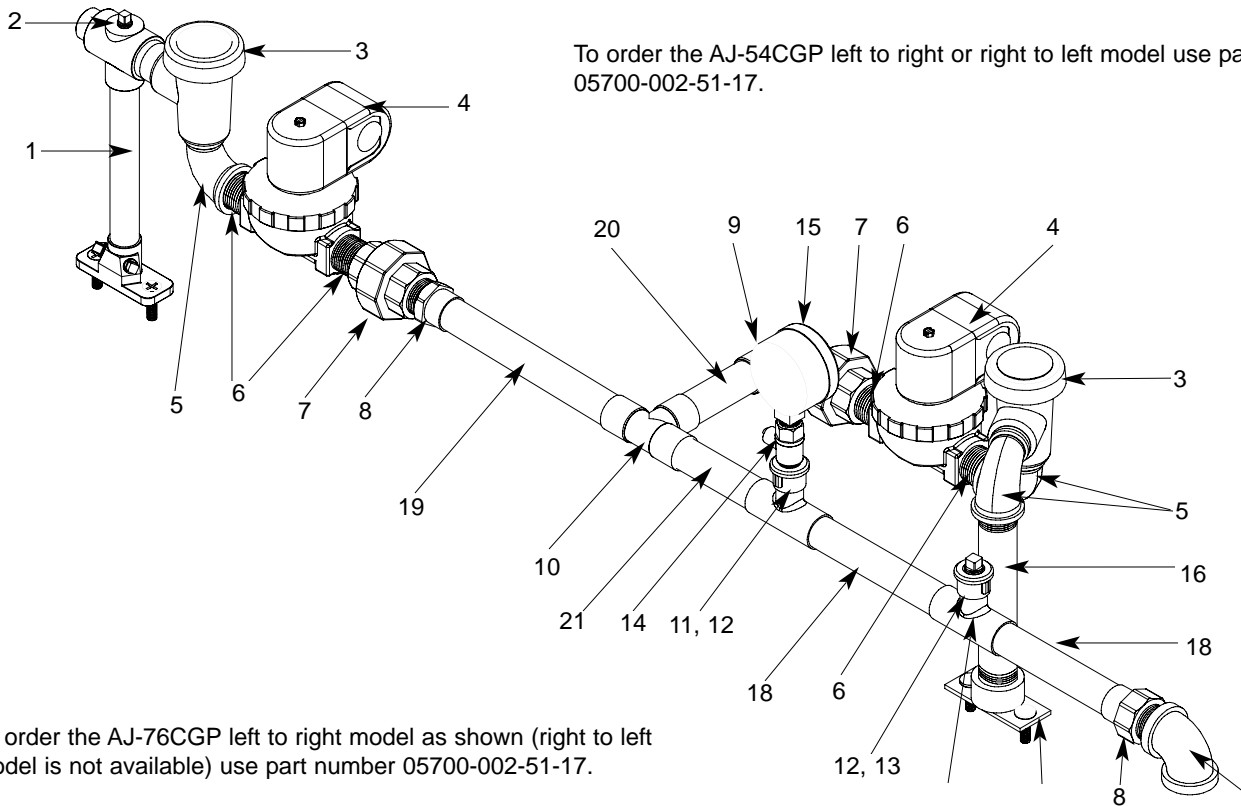
F - Hose connection to existing gas booster inlet fitting.

Gas Booster Connection Kit 05700-002-51-73 includes:

18 Feet of 3/4" Hose

4 - 3/4" Push Lock Fittings

**SECTION 6: PARTS SECTION**  
**WASH/FILL PLUMBING ASSEMBLY (CGP MODELS)**



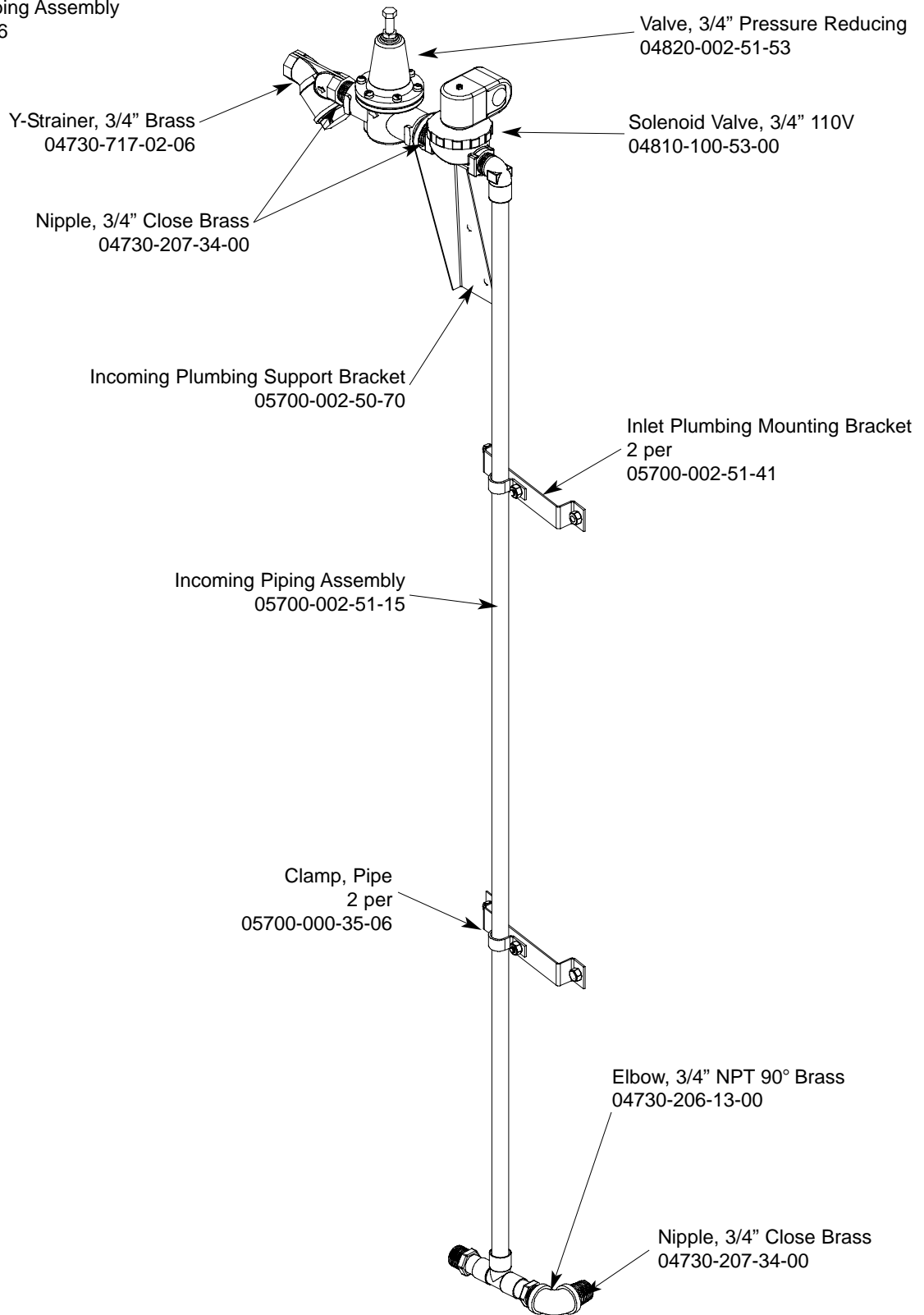
To order the AJ-54CGP left to right or right to left model use part number 05700-002-51-17.

To order the AJ-76CGP left to right model as shown (right to left model is not available) use part number 05700-002-51-17.

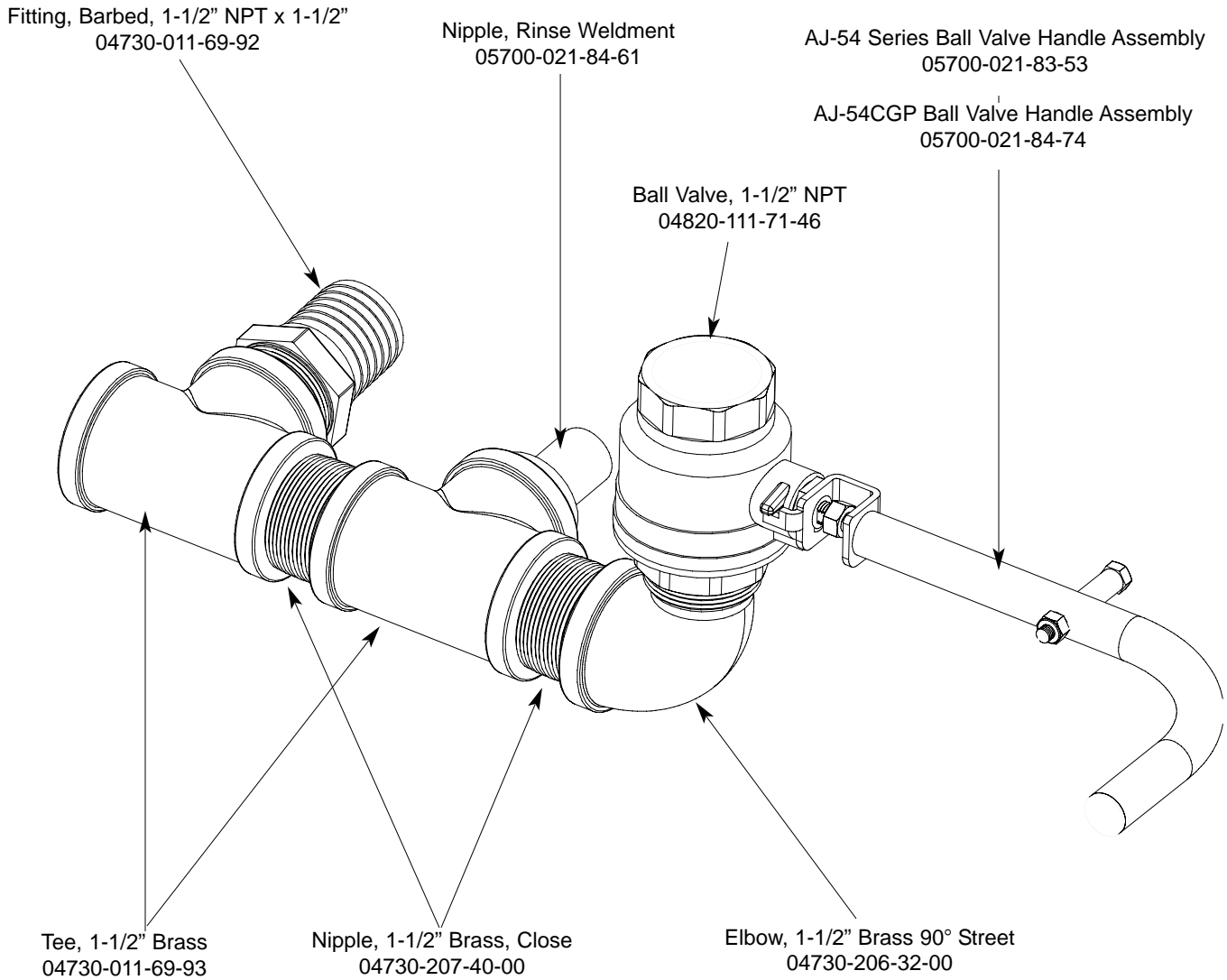
ITEM	QTY	DESCRIPTION	Mfg. No.
1	1	Rinse Injector Weldment	05700-002-57-87
	1	Gasket	05330-111-42-81
2	3	Plug, 1/8" NPT, Brass	04730-209-07-37
3	2	Vacuum Breaker, 3/4" NPT	04820-002-53-77
4	2	Valve, Solenoid, 3/4" NPT, 110 Volt	04810-100-53-00
5	3	Elbow, 3/4" Street Brass	04730-206-04-34
6	4	Nipple, Close, Brass, 3/4" NPT	04730-207-34-00
7	4	Union, 3/4", Copper to Copper	04730-212-05-00
8	2	Adapter, 3/4" Fitting x Male	04730-401-11-01
9	1	Elbow, 90° 3/4" Copper to MSPS	04730-406-42-01
10	1	Tee, 3/4", CUB x CUB x CUB	04730-411-46-01
11	2	Tee, 3/4" x 3/4" x 1/2"	04730-411-03-01
12	2	Fitting, Adapter, 1/2" to 1/4"	04730-401-41-01
13	1	Plug, 1/4" NPT, Brass	04730-209-01-00
14	1	Test Cock, Valve, Ball, 1/4" NPT	04810-011-72-67
15	1	Gauge, Pressure, 0-100 PSI	06685-111-88-34
	1	Decal, 15-25 PSI	09905-002-97-74
16	1	Nipple, Brass, 6" Long	05700-001-26-74
17	1	Fill Injector	05700-011-67-99
	1	Gasket	05330-111-42-81
18	1	Tube, Copper, 3/4" x 2 13/16" Long	05700-011-72-72
19	1	Tube, Copper, 3/4" x 3 7/16" Long	05700-011-72-70
20	1	Tube, Copper, 3/4" X 3" Long	05700-000-54-85
21	1	Tube, Copper, 3/4" x 2 5/8" Long	05700-011-72-71
22	1	Elbow, 3/4" NPT, 90° Brass	04730-206-13-00

**SECTION 6: PARTS SECTION**  
**RINSE HEADER PLUMBING ASSEMBLY (CGP MODELS)**

Complete Plumbing Assembly  
05700-002-51-16



**SECTION 6: PARTS SECTION**  
**AJ-54 SERIES DRAIN PLUMBING ASSEMBLIES**



**AJ-54 Series Complete Drain Assembly**  
**05700-031-70-10**

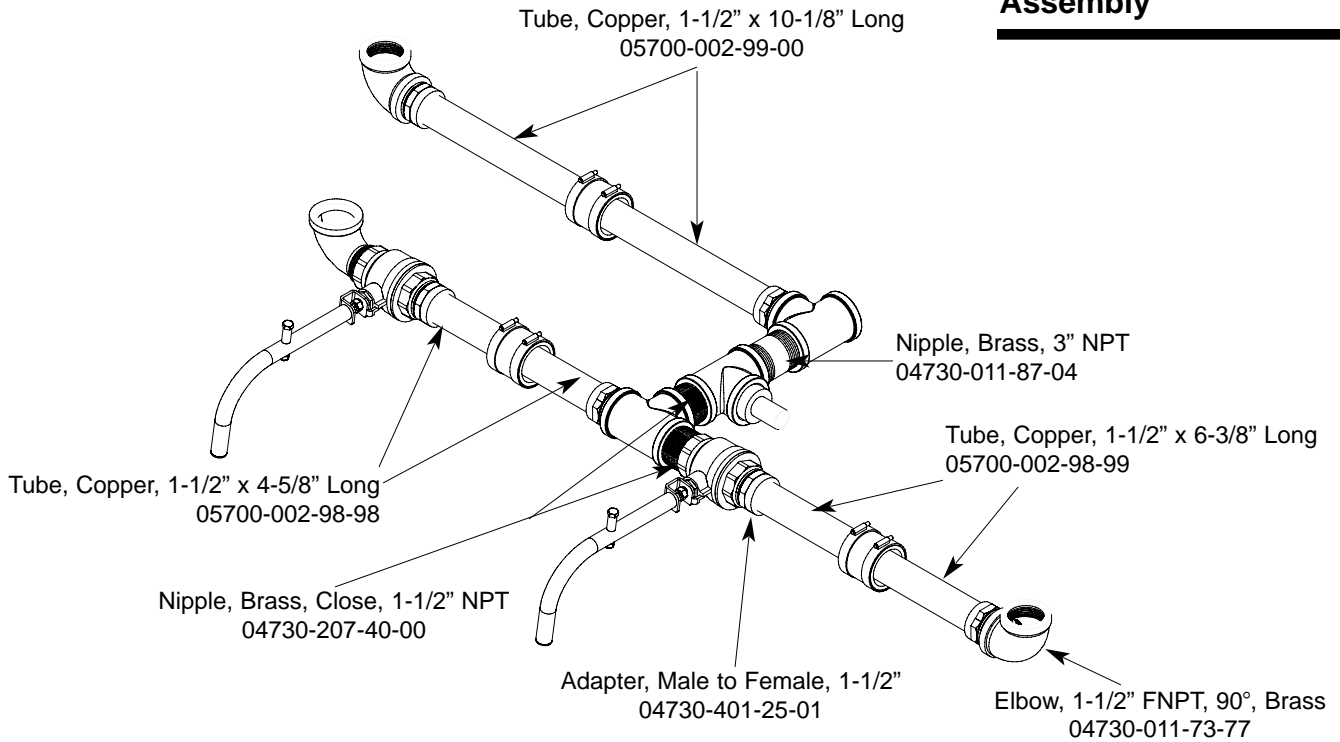
**AJ-54CGP Complete Drain Assembly**  
**05700-002-52-71**



## SECTION 6: PARTS SECTION

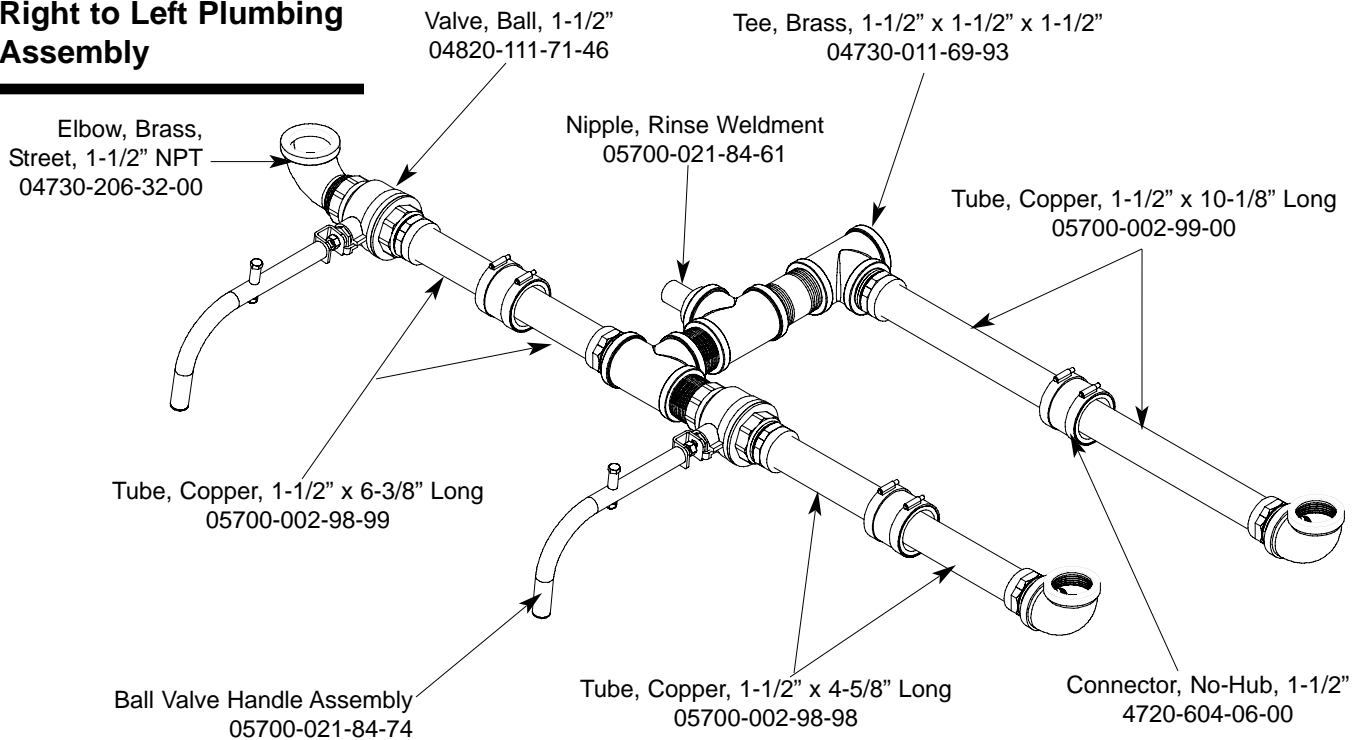
### AJ-76 DRAIN PLUMBING ASSEMBLIES

#### Left to Right Plumbing Assembly



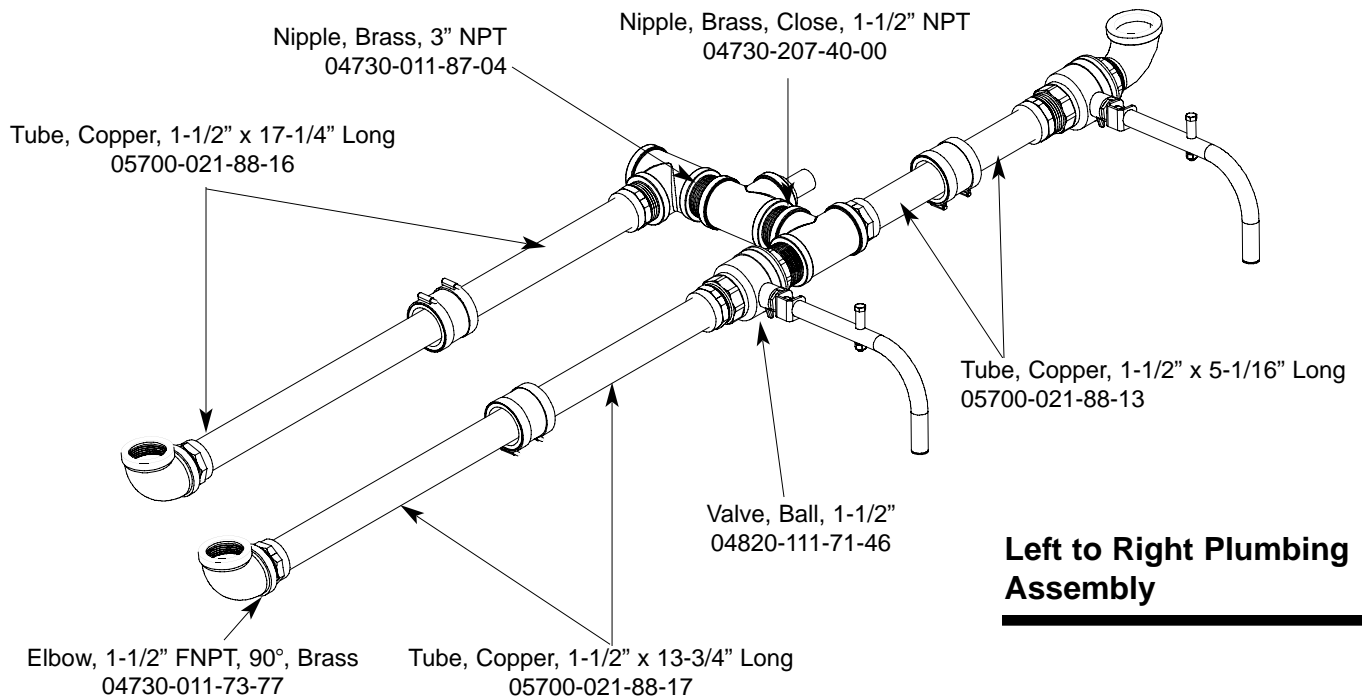
All parts are common to both assemblies.

#### Right to Left Plumbing Assembly



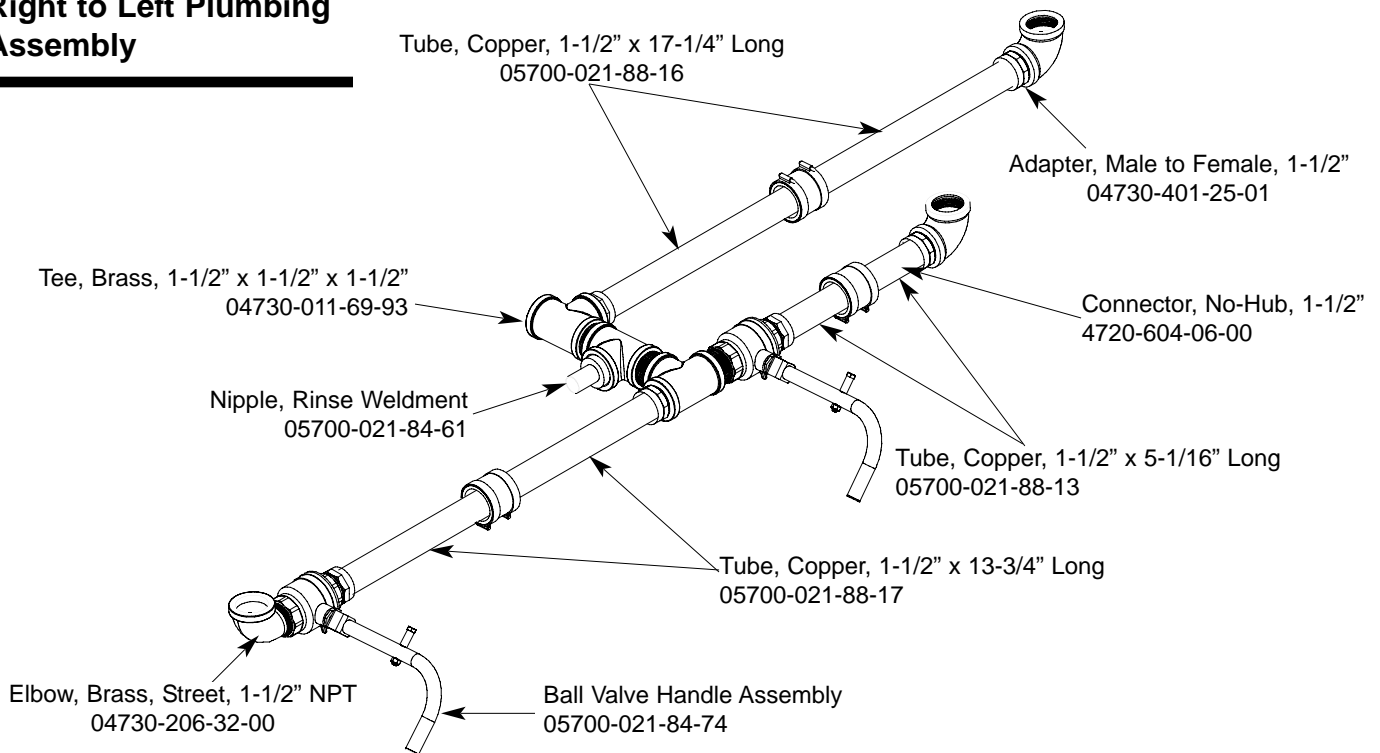
## SECTION 6: PARTS SECTION

### AJ-90 DRAIN PLUMBING ASSEMBLIES



All parts are common to both assemblies.

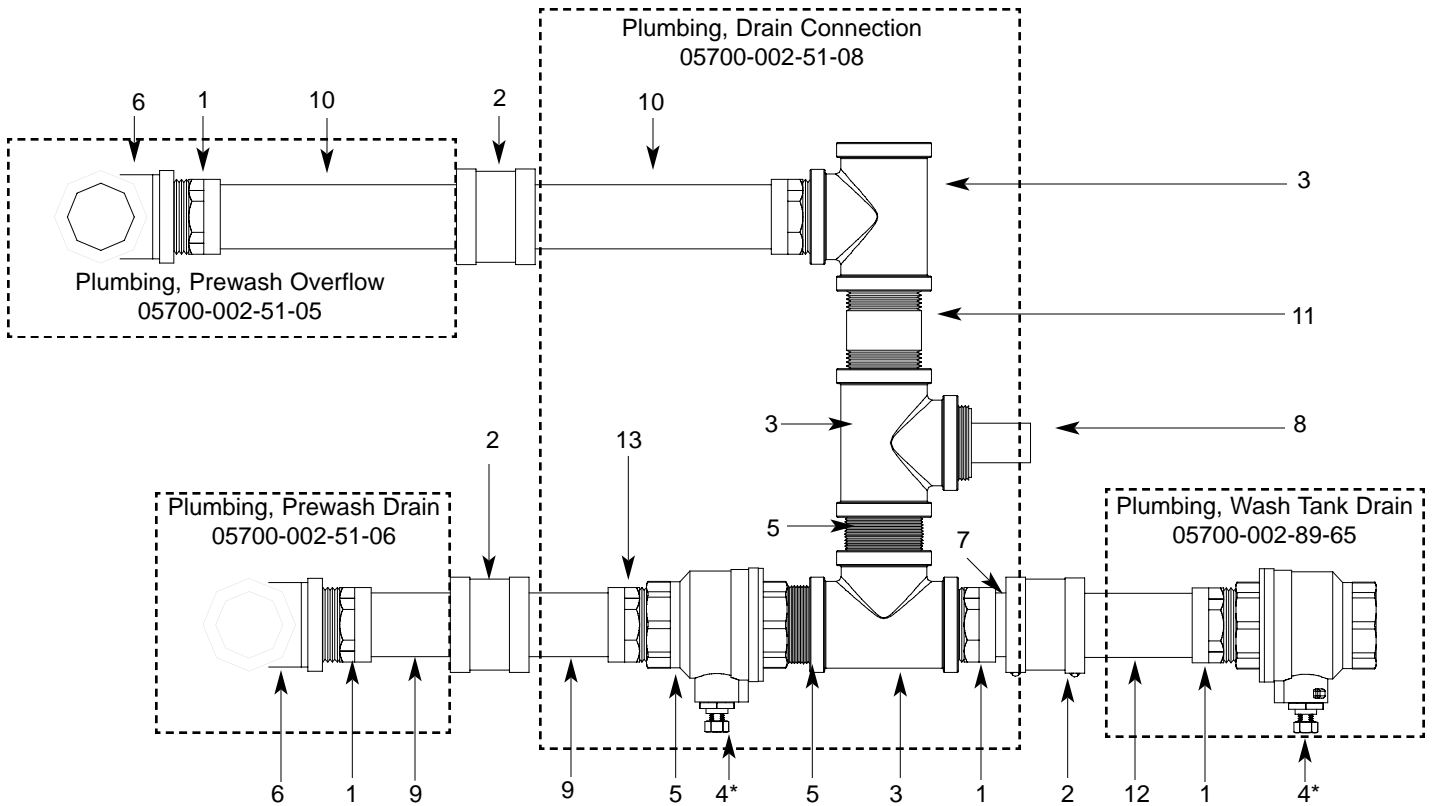
### Right to Left Plumbing Assembly



## SECTION 6: PARTS SECTION

### AJ-76CGP (LEFT TO RIGHT) DRAIN PLUMBING ASSEMBLY

(Right to left model not available.)



ITEM	QTY	DESCRIPTION	Mfg. No.
1	6	Adapter, Male to Female, 1-1/2"	04730-401-25-01
2	3	No-Hub Connector	4720-604-06-00
3	3	Tee, Brass, 1-1/2" FNPT	04730-011-69-93
4	2	Ball Valve, 1-1/2" FNPT	04820-011-71-46
*	2	Valve Handle Weldment Assembly (Not Shown)	05700-021-84-74
5	2	Nipple, Brass, Close, 1-1/2" NPT	04730-207-40-00
6	2	Elbow, Brass, 90°, 1-1/2" FNPT	04730-011-73-77
7	1	Tube, Copper, 1-1/2" x 1-3/4" Long	05700-000-75-57
8	1	Rinse Nipple Weldment	05700-021-84-61
9	2	Tube, Copper, 1-1/2" x 3-1/2" Long	05700-011-84-23
10	2	Tube, Copper, 1-1/2" x 7-1/2" Long	05700-002-50-98
11	1	Nipple, Brass, 1-1/2" NPT x 3" Long	04730-011-87-04
12	1	Tube, Copper, 1-1/2" x 4-1/4" Long	05700-011-88-40
1	1	Entire Assembly	05700-002-89-64

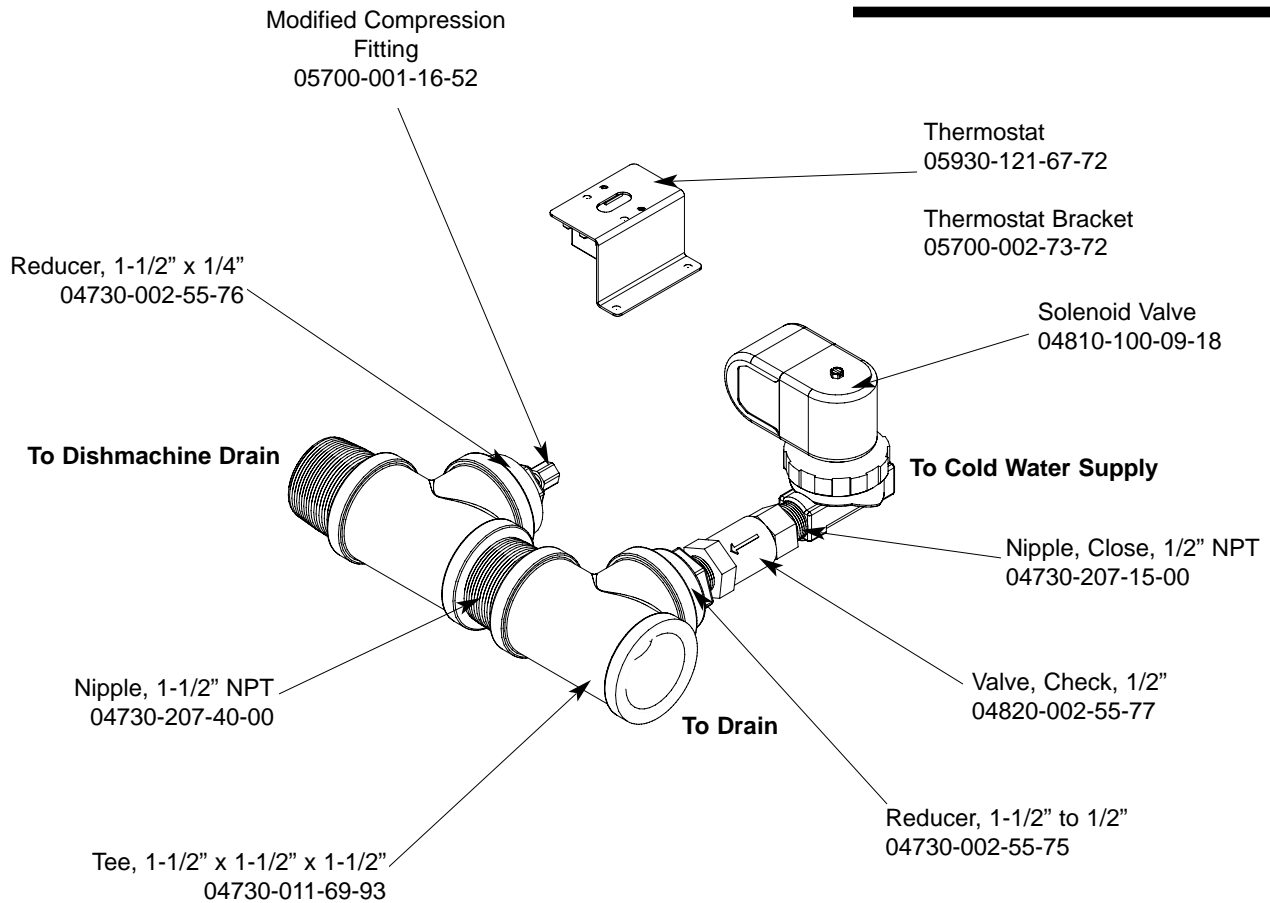
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**SECTION 6: PARTS SECTION**  
**DRAIN QUENCH SYSTEM**

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**Drain Quench Assembly**  
**06401-002-44-07**

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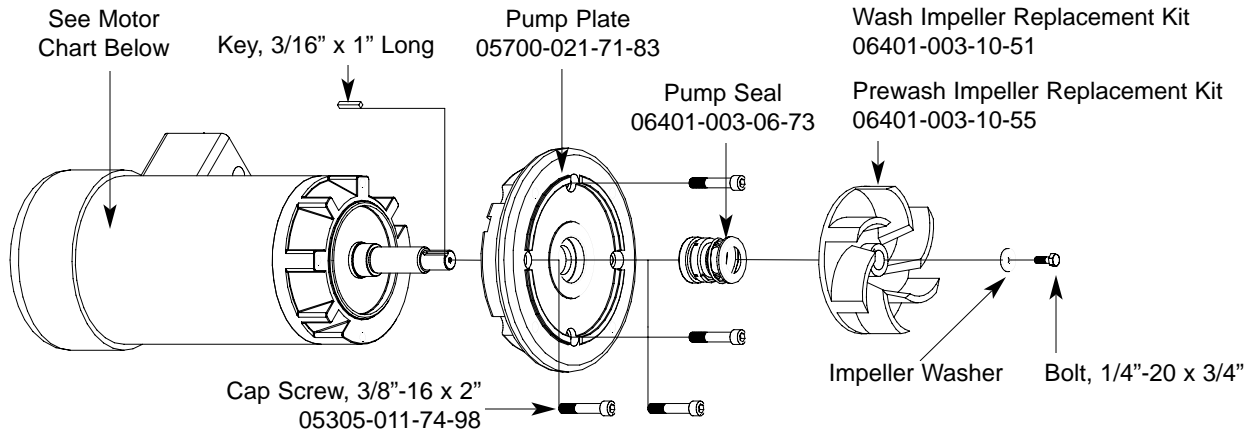


From the existing drain, attach the two additional Tees (Item 7) using the 1-1/2" NPT Close Nipples (Item 8). Tighten the Reducers (Items 6 & 9) into the Tees as shown above. Attach the Modified Compression Fitting (Item 10) into the 1-1/2" to 1/4" Reducer (Item 9). Position the bulb of the thermostat (Item 1) so that it rests approximately 1/4" from the bottom of the Tee (Item 7). Tighten the Modified Compression Fitting (Item 10) as required.

Mount the Thermostat (Item 1) to the tub using the Thermostat Bracket (Item 2) and set it for 120°F - 140°F. Install the Solenoid Valve (Item 3) to the second Tee (Item 7) and then attach to the incoming cold water line. Use pipe dope or thread tape as required to prevent any leaks.

## SECTION 6: PARTS SECTION

### MOTOR ASSEMBLIES



**Replacement Kit Notes:**

The impeller replacement kits come with the impeller, washer, key and bolt. The motor kits come with everything detailed above as well as two new mounting gaskets.

Clamp, 4 1/8" - 7" (Not Shown)  
04730-002-32-15

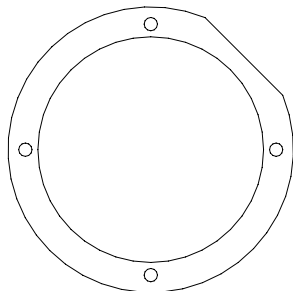
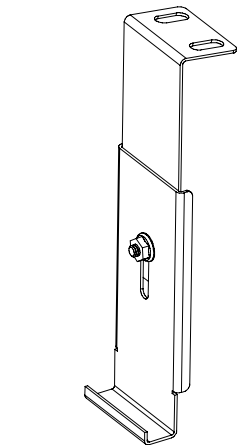
Kit, Motor Brkt Replace  
06401-021-73-42

#### WASH MOTOR CHART

<u>Volts</u>	<u>Phase</u>	<u>Hz</u>	<u>Motor Part Number</u>	<u>Kit Part Number</u>
208 - 230	1	60	06105-021-70-57	06401-003-09-97
200 - 230	3	60	06105-121-70-58	06401-003-09-98
460	3	60	06105-121-70-58	06401-003-09-98
575	3	60	06105-002-48-31	06401-003-09-99
600	3	60	06105-002-48-31	06401-003-09-99

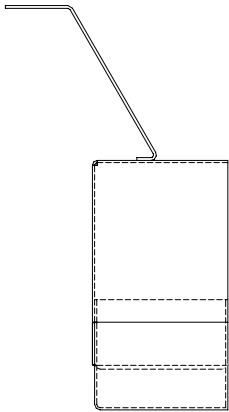
#### PREWASH MOTOR CHART

<u>Model(s)</u>	<u>Volts</u>	<u>Phase</u>	<u>Hz</u>	<u>Part Number</u>	<u>Kit Part Number</u>
AJ-76's	208	1	60	06105-121-70-55	06401-003-10-40
	230	1	60	06105-121-70-55	06401-003-10-40
	200	3	60	06105-121-70-56	06401-003-10-38
	220	3	60	06105-121-70-56	06401-003-10-38
	230	3	60	06105-121-70-56	06401-003-10-38
	460	3	60	06105-121-70-56	06401-003-10-38
	575	3	60	06105-002-48-31	06401-003-10-41
AJ-90's	600	3	60	06105-002-48-31	06401-003-10-41
	208	1	60	06105-121-70-57	06401-003-10-42
	230	1	60	06105-121-70-57	06401-003-10-42
	200	3	60	06105-121-70-58	06401-003-10-43
	220	3	60	06105-121-70-58	06401-003-10-43
	230	3	60	06105-121-70-58	06401-003-10-43
	460	3	60	06105-121-70-58	06401-003-10-43
575	3	60	06105-002-48-31	06401-003-10-41	
600	3	60	06105-002-48-31	06401-003-10-41	

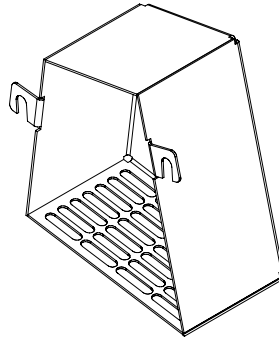


Motor Mounting Gasket  
06401-003-06-75

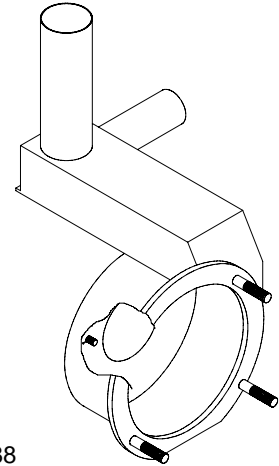
**SECTION 6: PARTS SECTION**  
**PREWASH & WASH PUMP WELDMENTS**



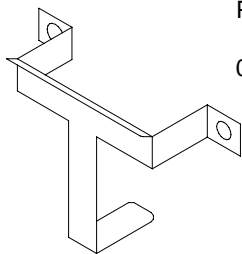
Intake Suction Scoop Weldment  
 05700-021-87-60



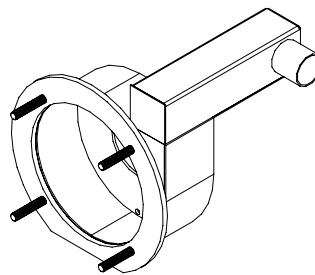
Prewash Intake  
 Strainer Weldment  
 05700-021-74-96



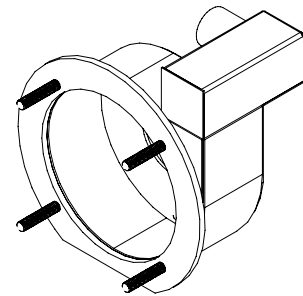
Wash Pump  
 Weldment  
 05700-041-68-88



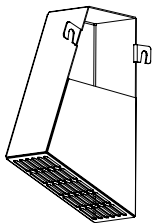
Prewash Strainer  
 Bracket  
 05700-021-74-94



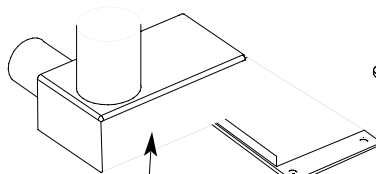
Prewash Pump Weldment  
 AJ-76/AJ-90 Left to Right models:  
 05700-002-10-62



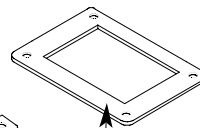
Prewash Pump Weldment  
 AJ-76/AJ-90 Right to Left models:  
 05700-002-11-96



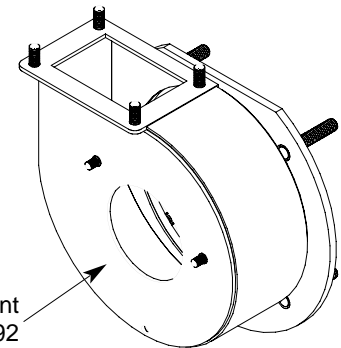
Scoop, Intake Suction Wash  
 Weldment  
 05700-002-51-20



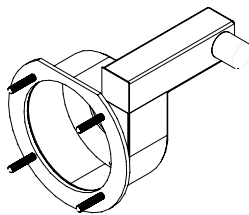
Pump Discharge  
 Weldment  
 05700-002-50-90



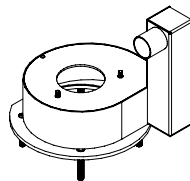
Gasket  
 05330-002-54-55



Wash Pump Weldment  
 05700-002-50-92



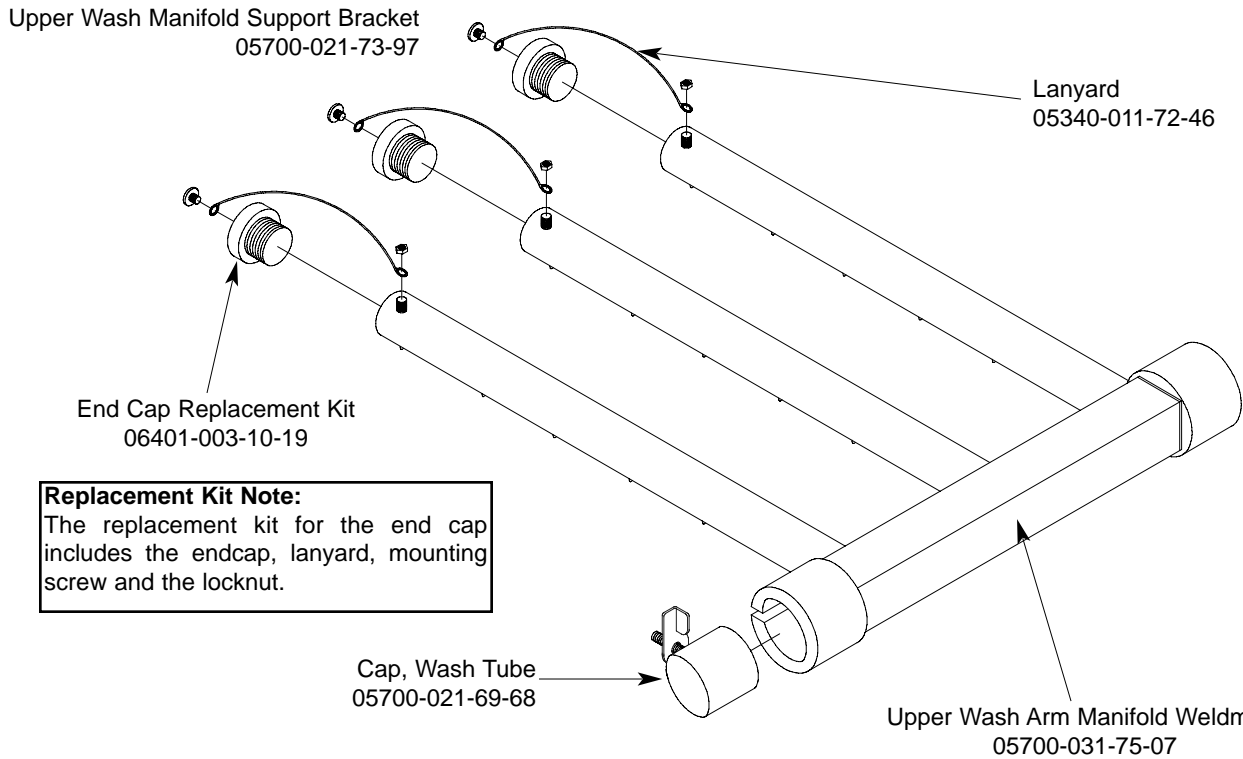
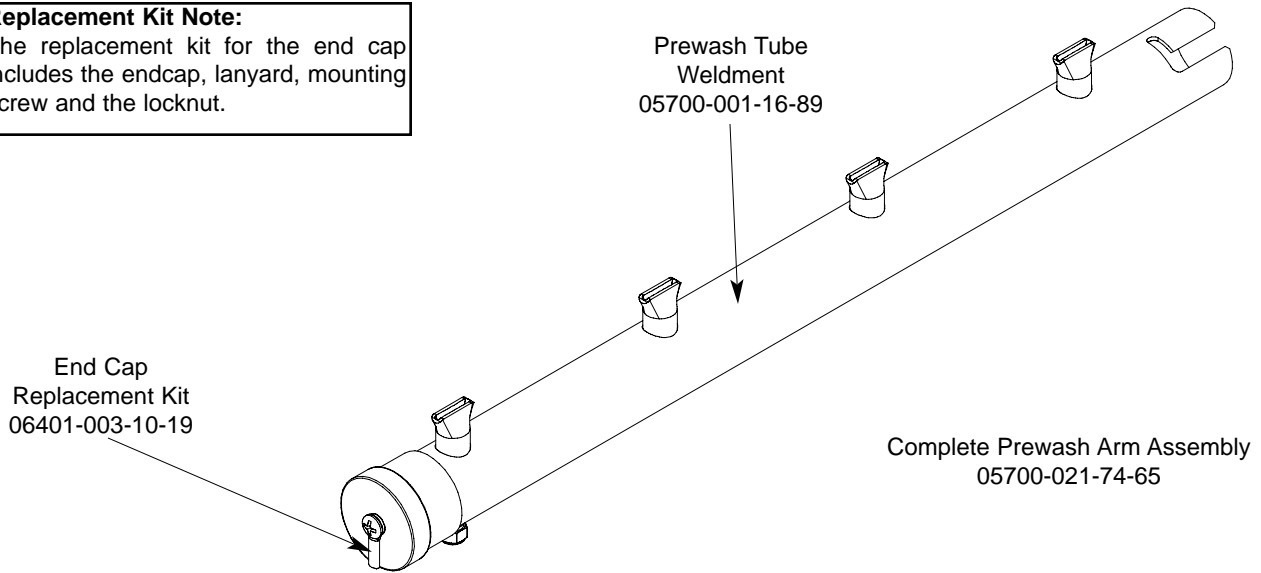
Prewash Pump Weldment  
 AJ-76CGP Left to Right model  
 05700-002-43-56



Prewash Pump Weldment  
 AJ-76CGP Right to Left model  
 05700-002-42-69

**SECTION 6: PARTS SECTION**  
**PREWASH ARM/UPPER WASH ARM ASSEMBLY**

**Replacement Kit Note:**  
 The replacement kit for the end cap includes the endcap, lanyard, mounting screw and the locknut.



**Replacement Kit Note:**  
 The replacement kit for the end cap includes the endcap, lanyard, mounting screw and the locknut.

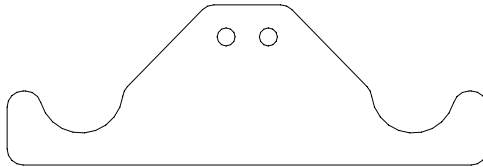
**Service Note:**  
 When replacing the 10-32 screws in the End Caps, it is recommended that a thread locking fluid be used to ensure that the screws do not back out during normal operation.

**Complete Upper Arm Assembly**  
**05700-031-75-33**

## SECTION 6: PARTS SECTION

### LOWER WASH ARM ASSEMBLY

Lower Wash Arm Support Bracket  
05700-011-71-20  
Secured with Locknut, 1/4"-20 with Nylon Insert  
05310-374-01-00

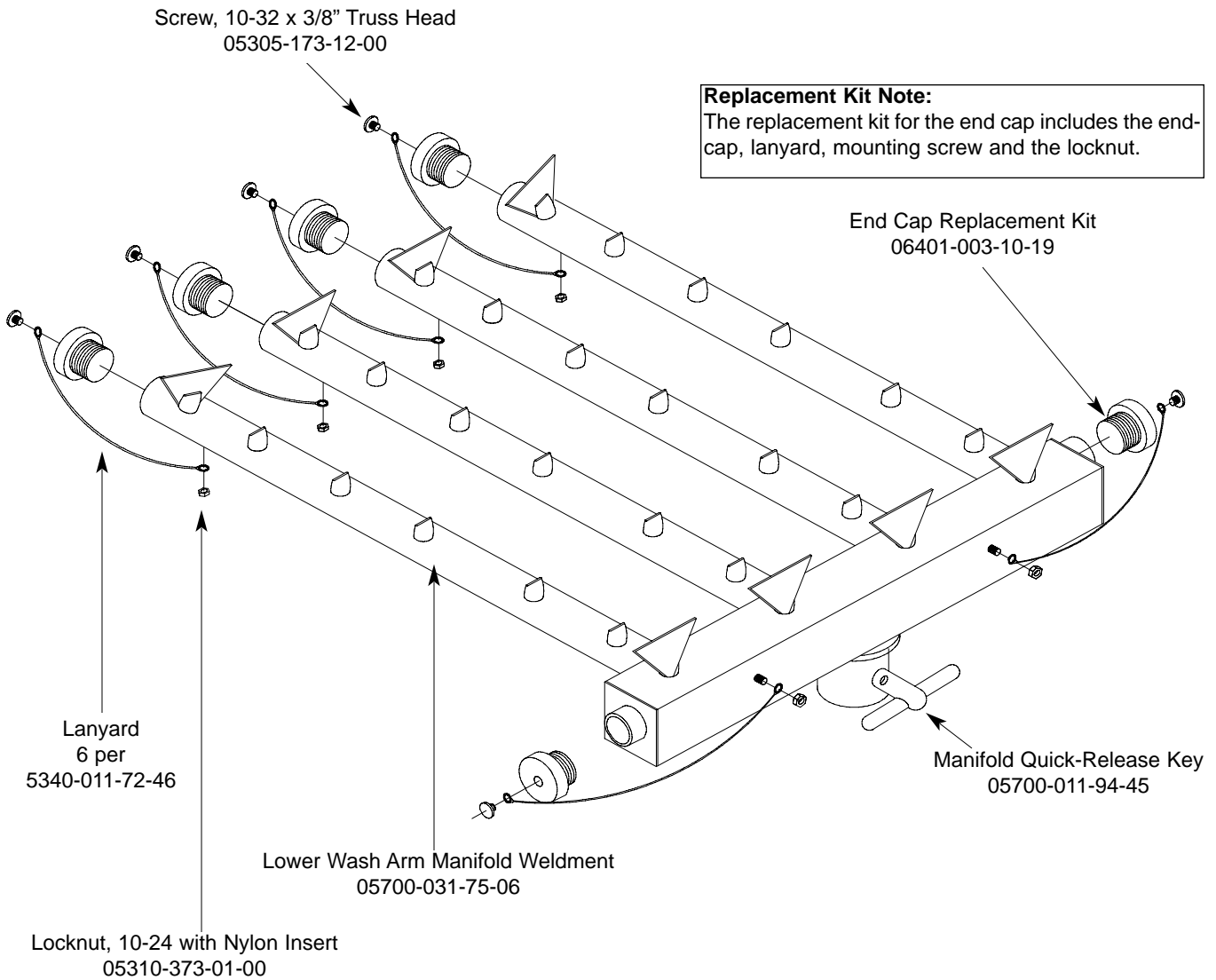


Screw, 10-32 x 3/8" Truss Head  
05305-173-12-00

#### Replacement Kit Note:

The replacement kit for the end cap includes the end-cap, lanyard, mounting screw and the locknut.

End Cap Replacement Kit  
06401-003-10-19

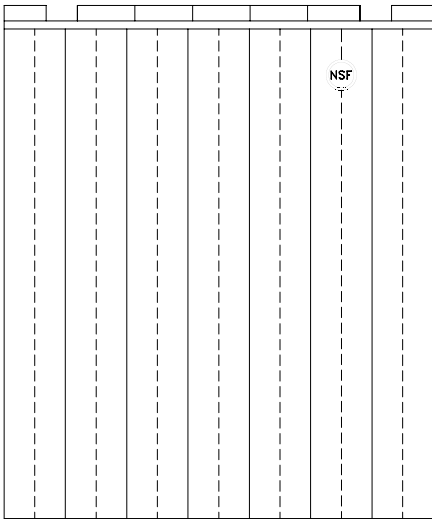


**Complete Lower Wash Arm Assembly**  
**05700-031-75-32**

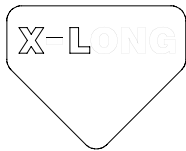
**SERVICE NOTE:** When replacing the 10-32 screws in the End Caps, it is recommended that a thread locking fluid be used to ensure that the screws do not back out during normal operation.



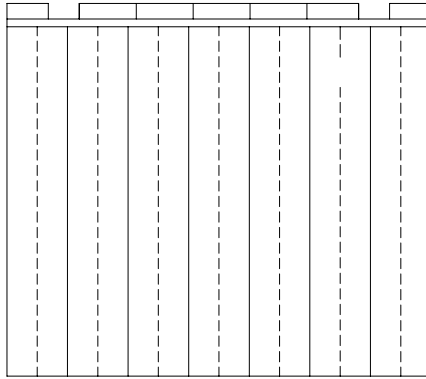
**SECTION 6: PARTS SECTION**  
**CURTAINS/TUB MAGNETS**



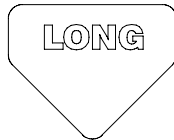
Curtain, 24 1/2" Long x 20-1/2" Wide  
CGP MODELS ONLY  
08415-002-47-37



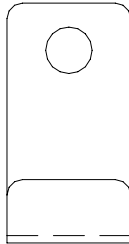
Extra Long Curtain Decal  
CGP MODELS ONLY  
09905-002-52-69



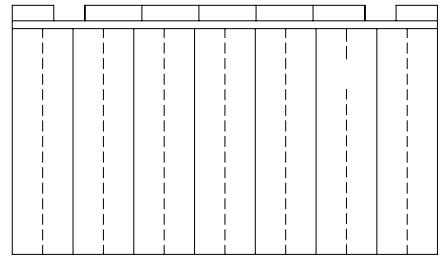
Curtain, 21" Long x 20-1/2" Wide  
08415-131-73-45



Long Curtain Decal  
09905-011-73-84



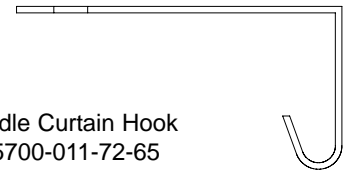
Curtain Hook  
05700-011-83-54



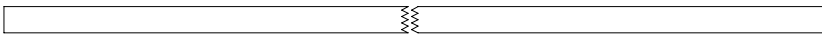
Curtain, 12" Long x 20-1/2" Wide  
08415-131-73-44



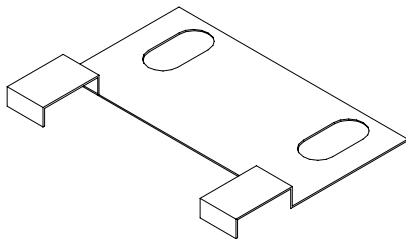
Short Curtain Decal  
09905-011-73-82



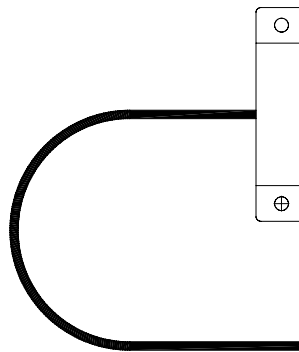
Middle Curtain Hook  
05700-011-72-65



Curtain Rod  
05700-021-73-43



Limit Switch Bracket  
05700-021-71-18



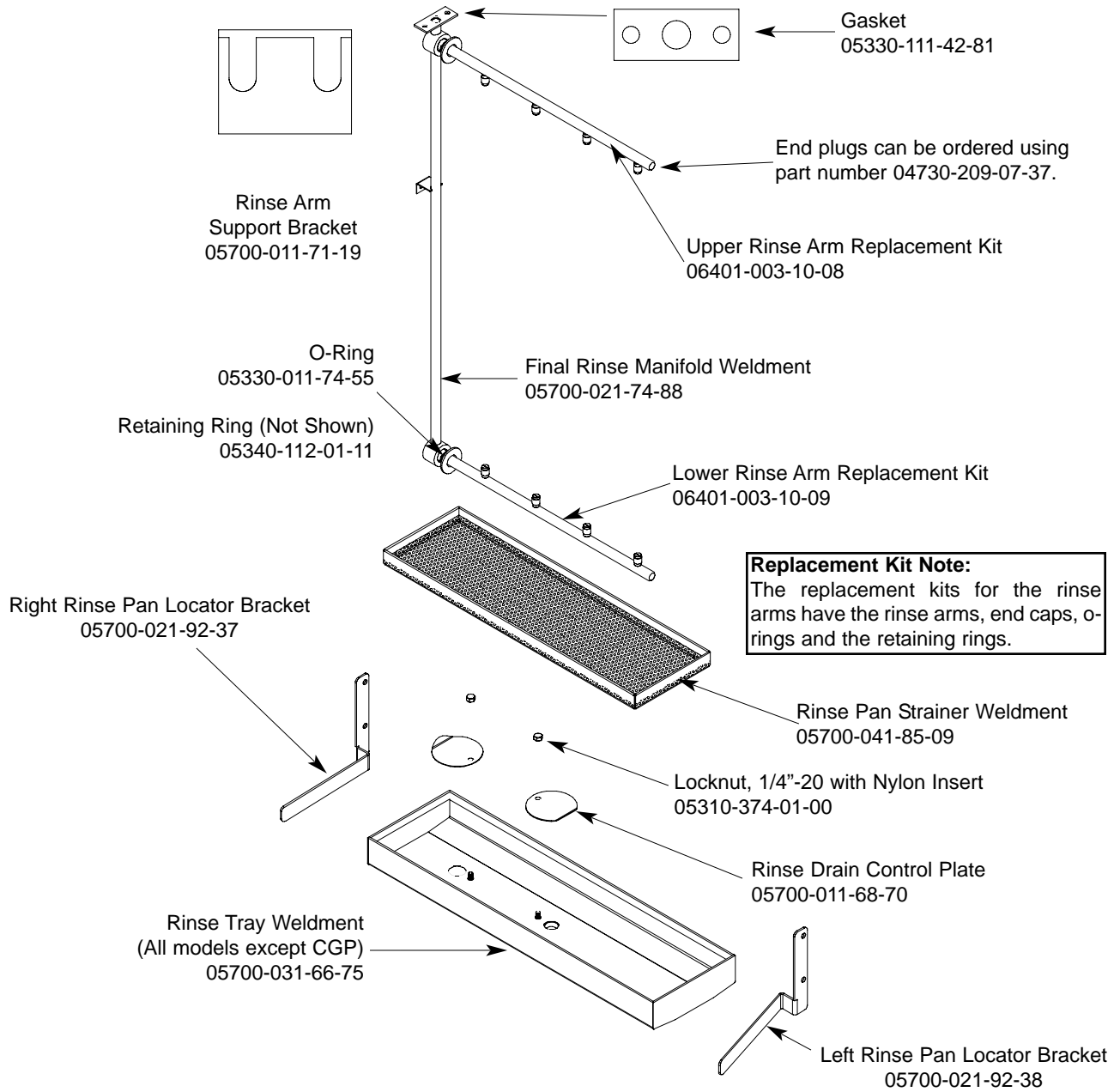
Conveyor Switch Replacement Kit  
06401-003-11-79

**Replacement Kit Note:**  
The conveyor switch replacement kit comes with the switch, a terminal and a wire nut.

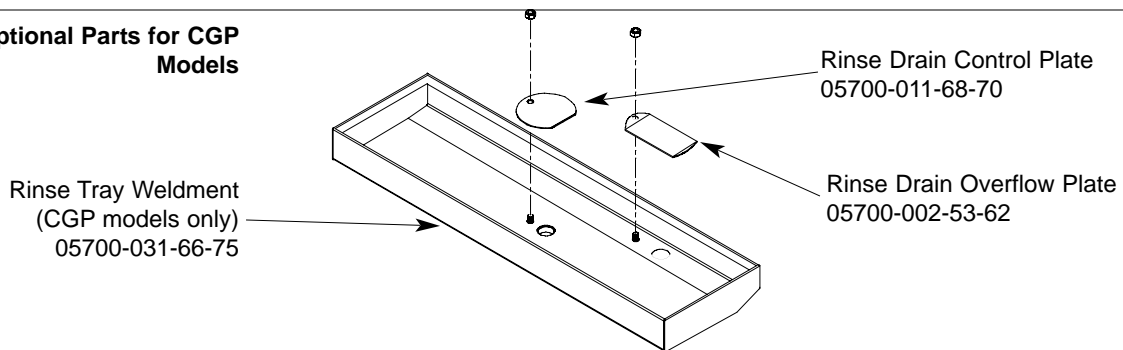
**Service Note:**  
The cord for the conveyor switch needs to be cut to length in the field and have the pink terminal applied there.

# SECTION 6: PARTS SECTION

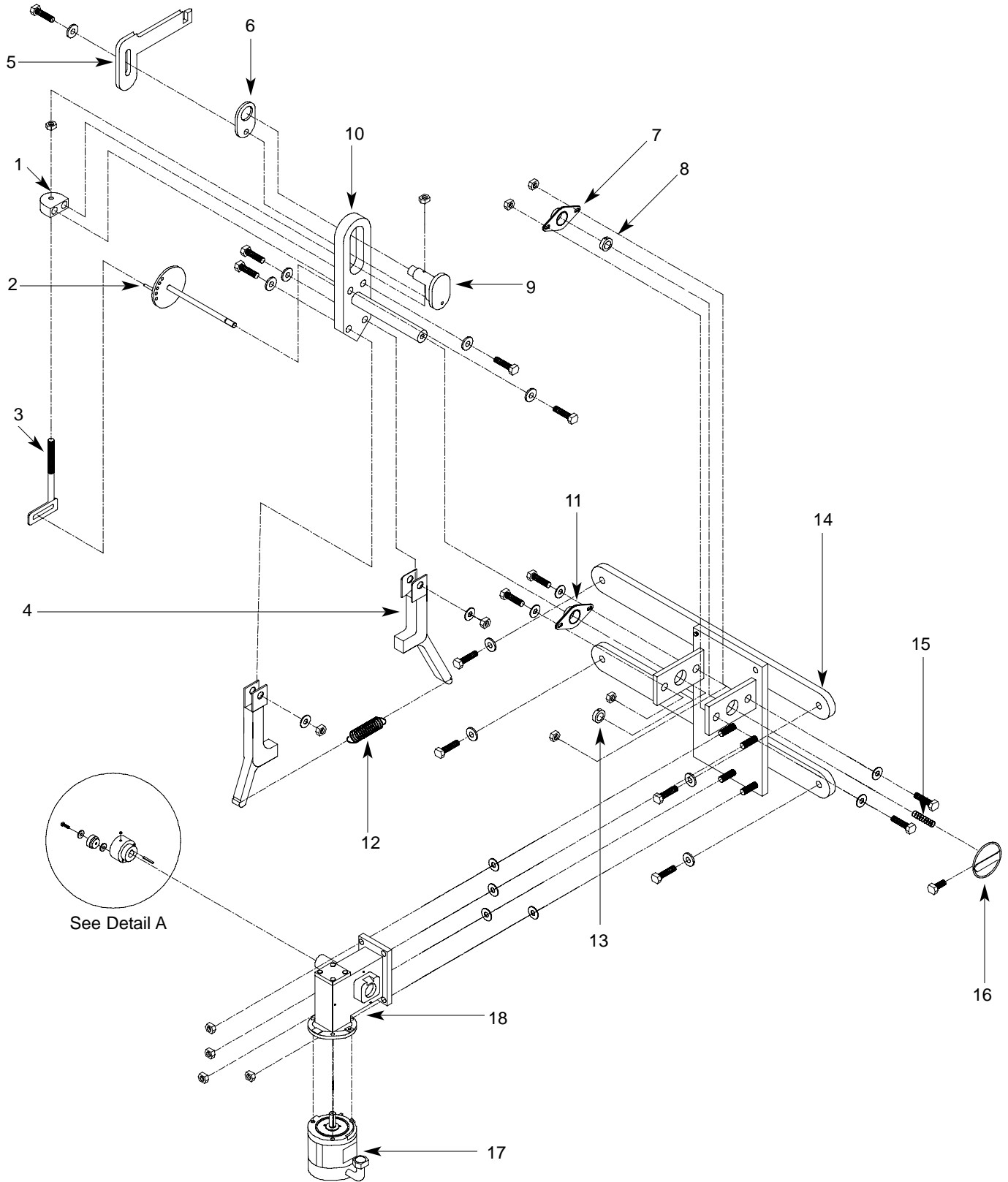
## FINAL RINSE ASSEMBLY



### Optional Parts for CGP Models



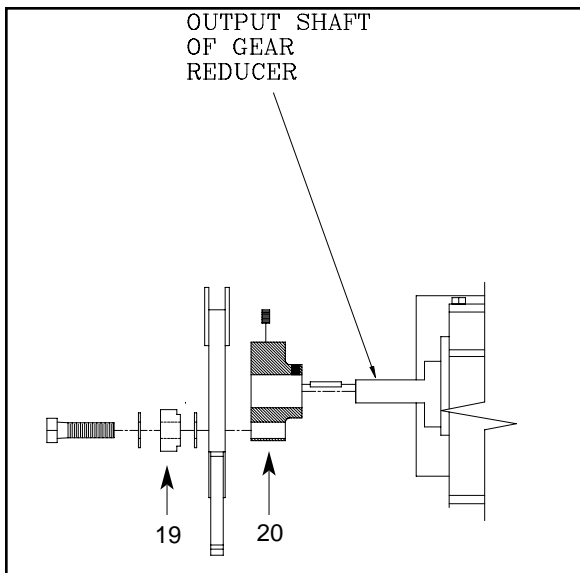
**SECTION 6: PARTS SECTION**  
**DRIVE ASSEMBLY**



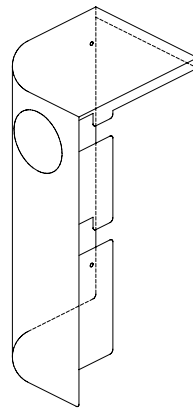
## SECTION 6: PARTS SECTION

### DRIVE ASSEMBLY (CONTINUED)

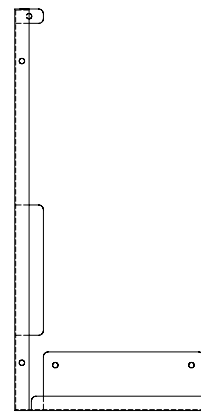
ITEM	QTY	DESCRIPTION	Mfg. No.
1	1	Drive Plate and Rod Weldment Replacement Kit with Expansion Legs Replacement Kit with Expansion Legs/Adjuster Crank	05700-021-67-44 06401-021-86-80 06401-011-94-54
2	1	Adjuster Crank Assembly	05700-021-69-95
3	1	Scotch Yoke Weldment Replacement Kit	06401-003-08-48
4	2	Coupling & Expansion Leg Weldment	05700-021-67-50
5	1	Pawl Bar Drive Linkage Casting	09515-021-87-73
6	1	Spacer Plate	05700-011-67-58
7	2	Pillow Block Replacement Kit	06401-003-08-50
8	2	Shaft Collar	05700-011-89-18
9	1	Drive Socket	05700-021-67-39
10	1	Drive Plate	05700-021-67-42
11	2	Pillow Block	03120-021-71-87
12	1	Drive Spring	05315-011-83-51
13	2	Shaft Collar	05700-011-89-18
14	1	Drive Motor Mounting Bracket	05700-031-73-56
15	1	Adjuster Spring	05315-011-71-90
16	1	Adjusting Handle Weldment	05700-021-72-28
17	1	Drive Motor Replacement Kits Drive Motor (50 Hz Models)	06401-003-08-41
	1	Drive Motor (208-230 Volt, 60 Hz, Single Phase Models)	06401-003-08-42
		Drive Motor (208-230 Volt, 60 Hz, Three Phase Models)	06401-003-08-40
		Drive Motor (600 Volt, 60 Hz, Three Phase Models)	06401-003-08-43
18	1	Gear Drive	06105-011-87-20
19	1	Roller Bearing	03120-011-71-81
20	1	Drive Hub	05700-011-67-97



Detail A



Front Drive Motor Cover  
Replacement Kit  
06401-003-11-64



Rear Drive Motor Cover  
Replacement Kit  
06401-003-10-18

**Replacement Kits Notes:**

The replacement kits for the drive motor covers come with the weldments and the mounting hardware.

## SECTION 6: PARTS SECTION

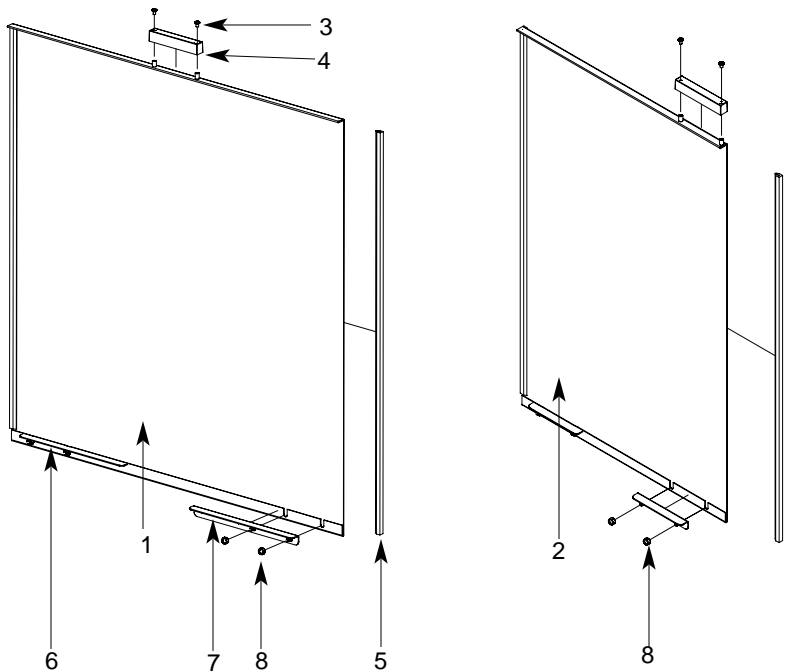
### LUBRICATION CHART FOR DRIVE GEAR

**Note: The maintenance procedures detailed here are manufacturer's instructions for the WINSMITH brand of gear reducer that is installed on the rack conveyors covered in this manual.**

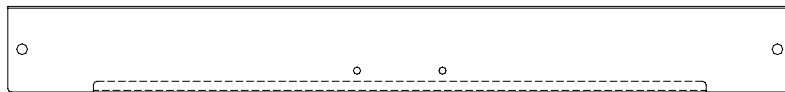
Ambient Temperature	-30 - 15°F	16 - 50°F	51 - 95°F	51 - 95°F	96 - 131°F	96 - 131°F
Final Stage Worm Speed <sup>1</sup>	up to 2000 FPM	up to 2000 FPM	up to 450 FPM	above 450 FPM	up to 450 FPM	above 450 FPM
ISO Viscosity Grade	220	460	680	460	680	460 <sup>1</sup>
AGMA Lubricant No.	5S	#7 Compounded	#8 Compounded	#7 Compounded	8S	7S
Mobil	SHC 630	600W Super Cylinder	Extra Hecla Super	600W Super Cylinder	SHC 636	SHC 634
American Lubricants	SHC-90W	AGMA #7 Gear Oil	AGMA #8 Gear Oil	AGMA #7 Gear Oil	N/A	N/A
Castrol	Tribol 800/220	Tribol 1105-7C	Tribol 1105-8C	Tribol 1105-7C	Tribol 800/680	Tribol 800/460
Chevron	Tegra 220	Cylinder Oil W460	Cylinder Oil W680	Cylinder Oil W460	Tegra 680	Tegra 460
Conoco	Syncon R & O 220	Inca Oil 460	Inca Oil 680	Inca Oil 460	N/A	Syncon R & O 460
Exxon (Esso)	Teresstic SHP220	Spartan EP 460	Spartan EP 680	Spartan EP 460	Teresstic SHP 680	Teresstic SHP 460
Fiske Brothers	SPO-MG	SPO-277	SPO-288	SPO-277	N/A	N/A
Shell	Omala RL 220	Valvata J 460	Valvata J 680	Valvata J 460	Omala RL 680	Omala RL 460
Texaco	Pinnacle 220	Vanguard 460	Vanguard 680	Vanguard 460	Pinnacle 680	Pinnacle 460

(1) The sliding velocity in feet per minute (FPM) for standard ratios is determined by multiplying the speed of the worm in RPM by the factor from the table below. For selecting proper lubricant, use the speed of the worm in the final stage (input RPM divided by the first stage ratio).

**SECTION 6: PARTS SECTION**  
**DOOR ASSEMBLIES**

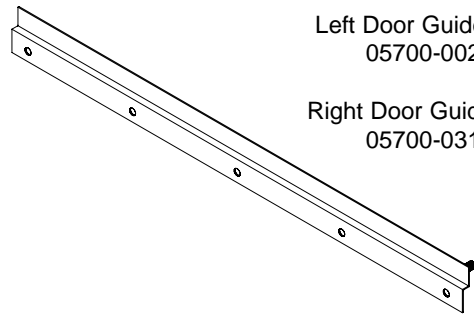


Locknut, 1/4"-20 with Nylon Insert  
05310-374-01-00

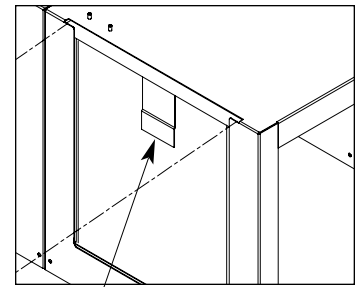


Wash Door Hood Support: 05700-031-84-13  
22" Prewash Door Hood Support: 05700-031-84-14

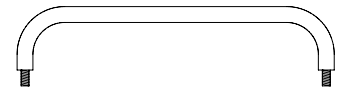
Door Stiffener (Not Shown) 05700-031-83-43



Left Door Guide Weldment  
05700-002-32-51  
Right Door Guide Weldment  
05700-031-76-44



Door Catch Weldment  
05700-031-84-80

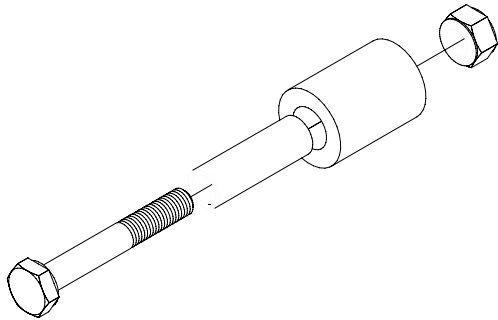


Wash Door Handle Weldment  
05700-011-82-63

Prewash Door Handle Weldment  
05700-011-80-45

ITEM	QTY	DESCRIPTION	Mfg. No.
1	1	Wash Door Weldment	05700-003-13-35
2	1	Prewash Door Weldment	
		Left to Right Model	05700-003-13-42
		Right to Left Model	05700-003-13-40
3	1	Screw, 8-32 x 1/4" Long	05305-172-09-00
4	1	Door Switch Magnet	05700-111-51-68
5	1	Door Guide	05700-111-70-92
6	1	Door Stop Weldment, Right	05700-002-96-33
7	1	Door Stop Weldment, Left	05700-002-96-32
8	2	Locknut, 10-24 SS Hex with Nylon Insert	05310-373-01-00
9	2	Door Stop Weldment, Prewash	05700-002-05-46

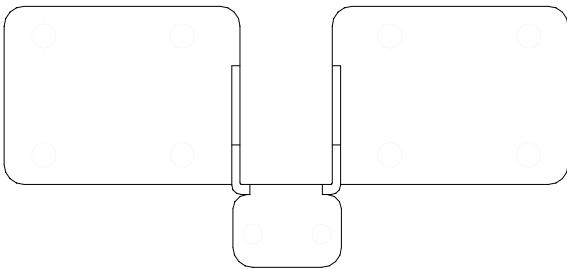
**SECTION 6: PARTS SECTION**  
**PAWL BAR MISCELLANEOUS COMPONENTS**



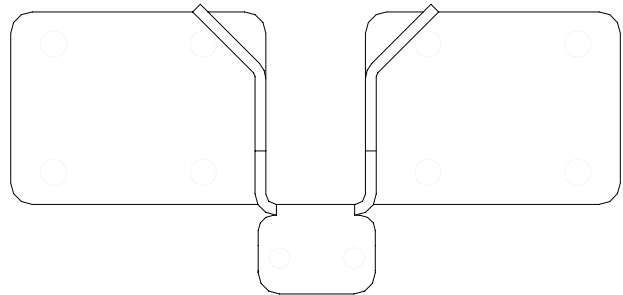
Pawl Bar Roller Replacement Kit  
 06401-003-11-80

**Replacement Kit Notes:**

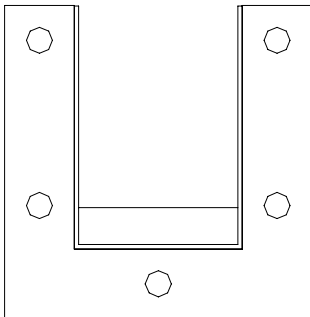
The replacement kit for the pawl bar roller comes with the roller, roller shaft, hardware and locknut as shown.



Pawl Bar Bracket (without tabs) Weldment  
 05700-031-92-36



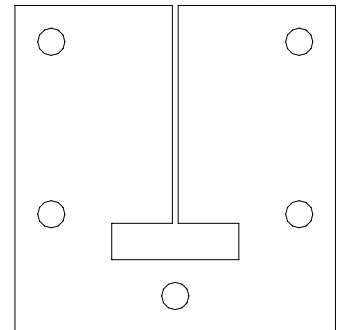
Pawl Bar Bracket (with studs) Weldment  
 05700-031-84-68



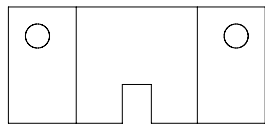
Pawl Bar Gutter Weldment Replacement Kit  
 06401-003-09-95

**Replacement Kits Notes:**

The pawl bar gutter weldment replacement kit contains the weldment, a gasket and the mounting hardware. The guide block kit contains both blocks and a gasket.



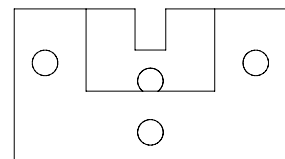
Pawl Bar Gutter Gasket  
 05330-011-68-55



Top Guide Block

Guide Block Replacement Kit  
 06401-003-10-15

Bottom Guide Block

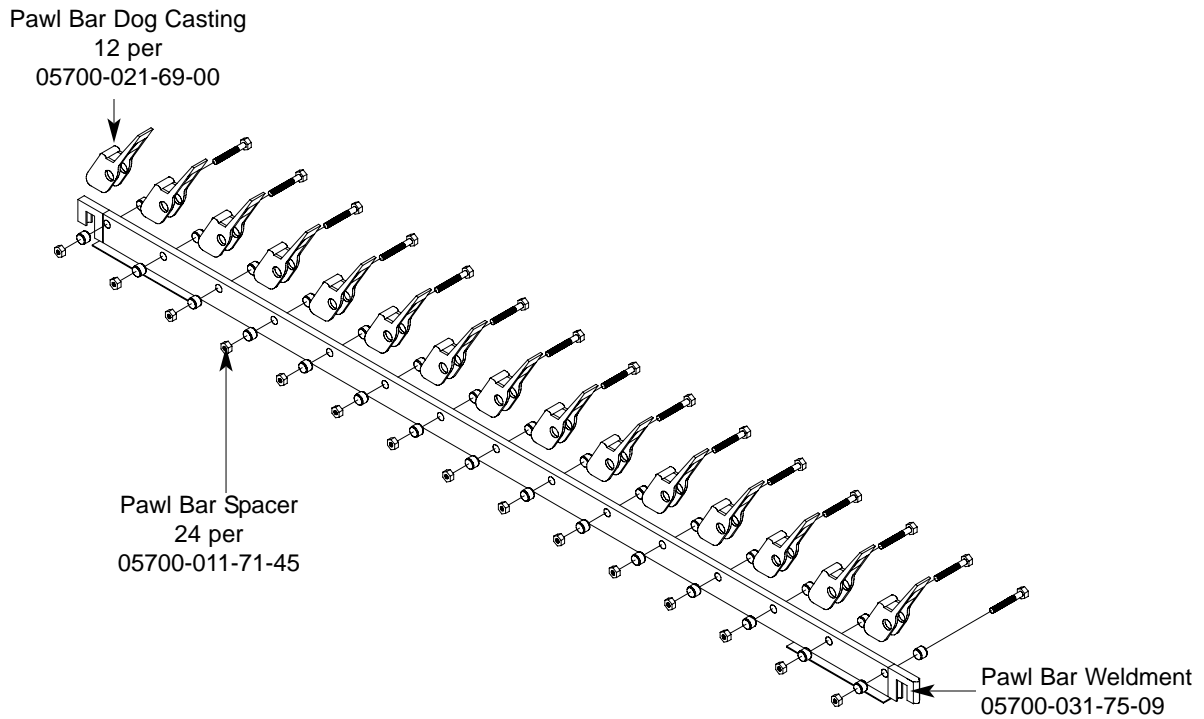


**Service Note:** It is highly recommended that when changing out one guide block, that the other be changed out as well, along with the gasket.

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## SECTION 6: PARTS SECTION

### AJ-54 PAWL BAR ASSEMBLY



AJ-54 Complete Assembly with Hardware  
06401-131-81-01

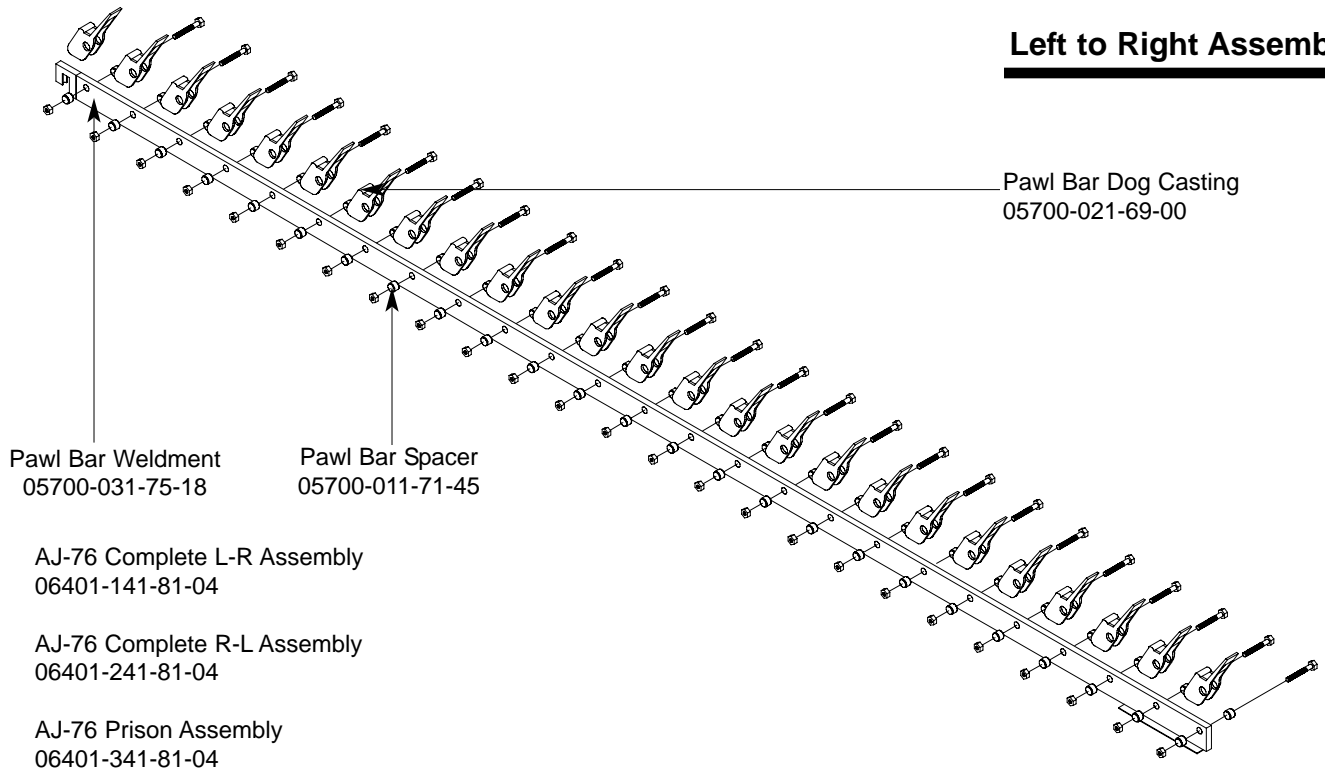
AJ-54 Prison Assembly with Hardware  
06401-231-81-01



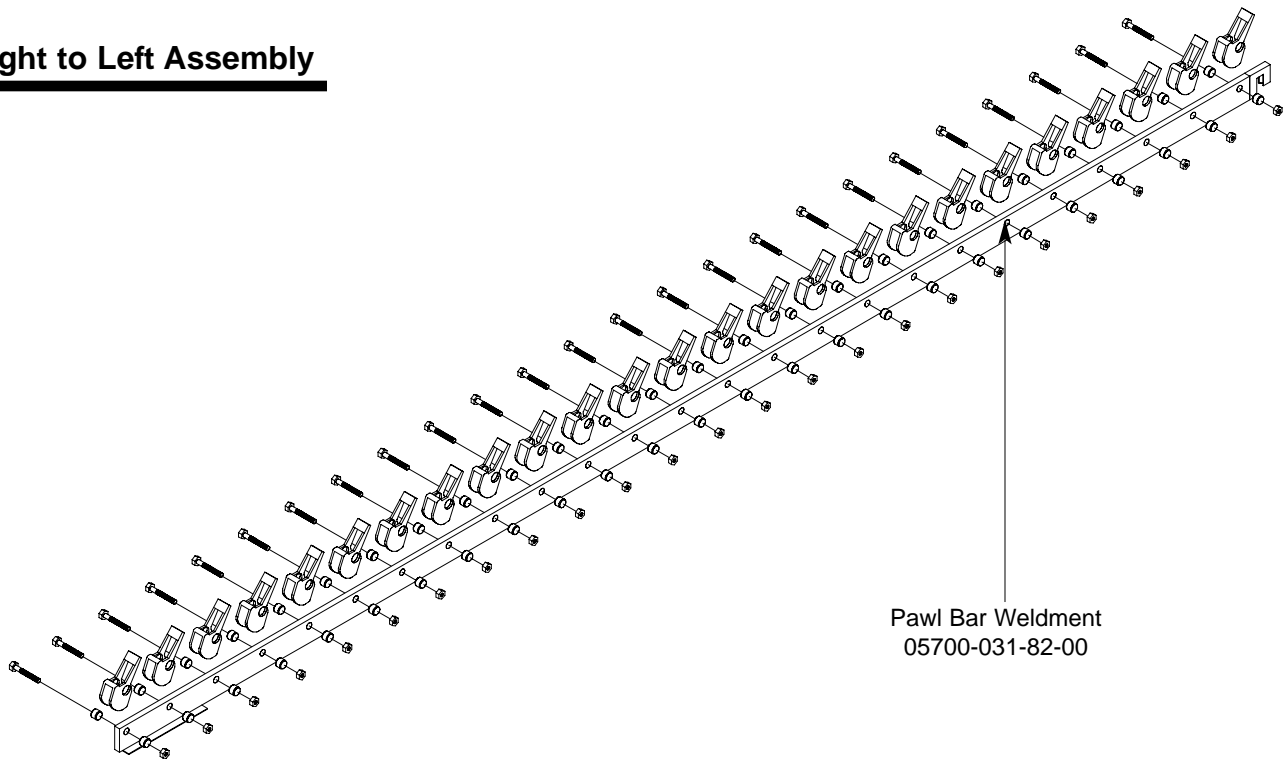
## SECTION 6: PARTS SECTION

### AJ-76 PAWL BAR ASSEMBLIES

#### Left to Right Assembly



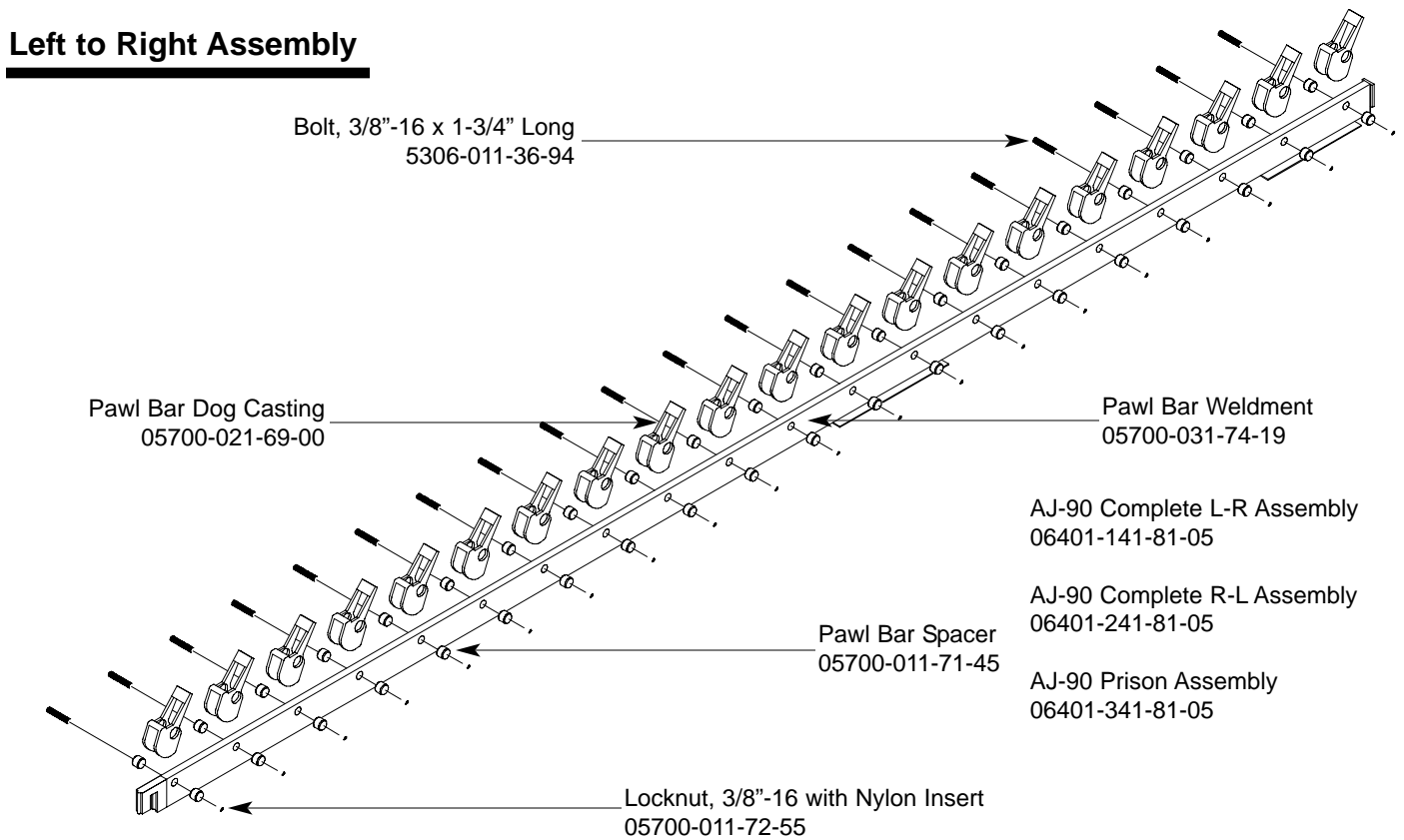
#### Right to Left Assembly



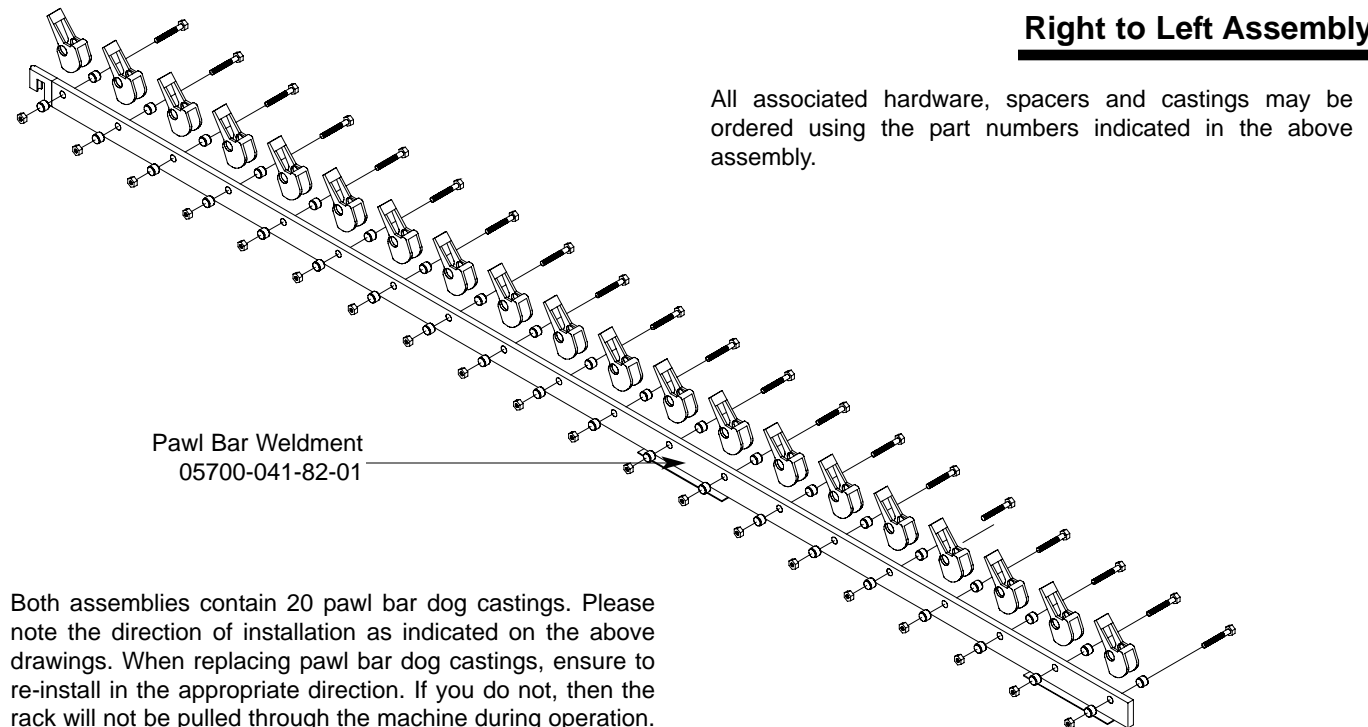
## SECTION 6: PARTS SECTION

### AJ-90 PAWL BAR ASSEMBLIES

#### Left to Right Assembly



#### Right to Left Assembly

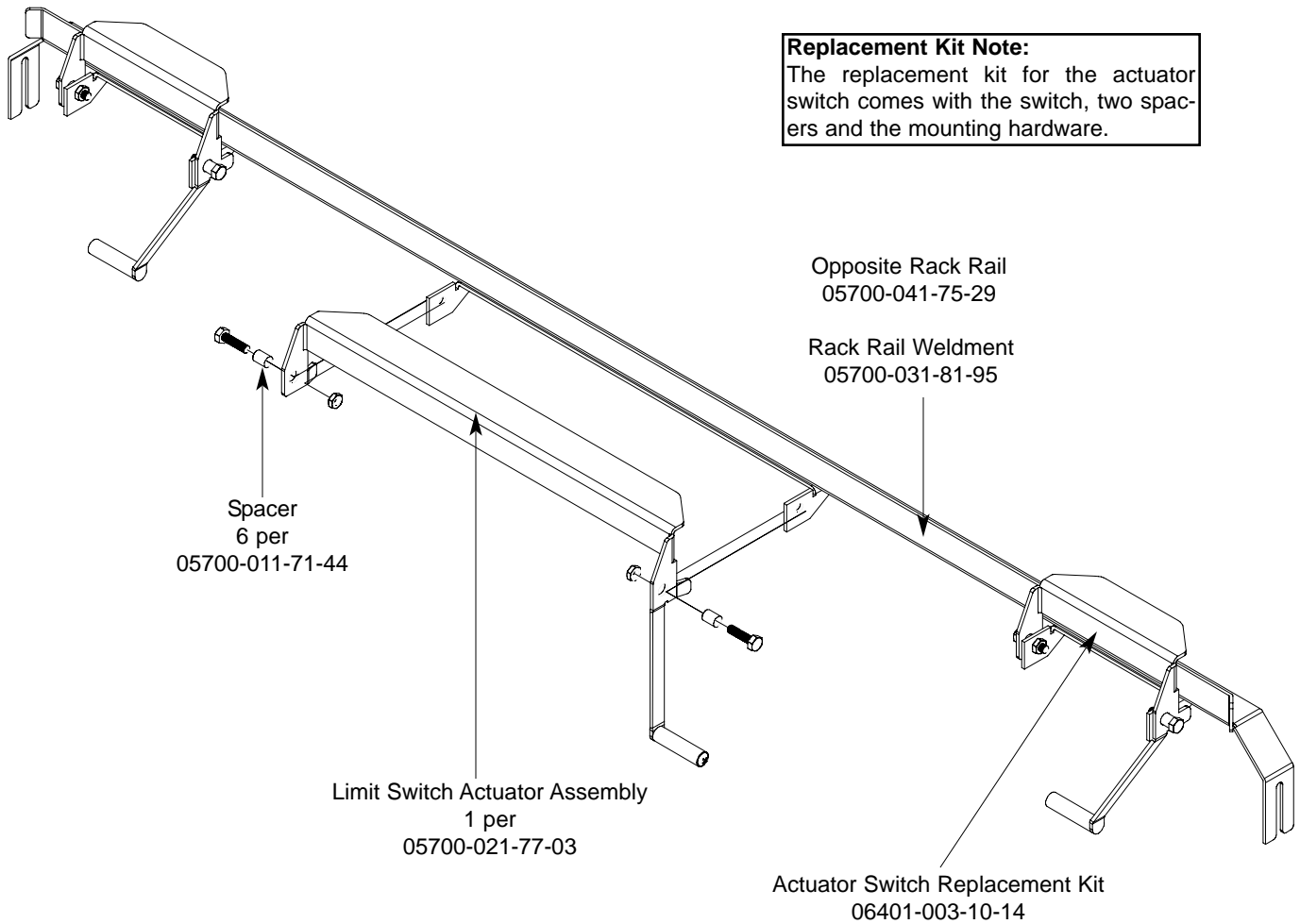


Both assemblies contain 20 pawl bar dog castings. Please note the direction of installation as indicated on the above drawings. When replacing pawl bar dog castings, ensure to re-install in the appropriate direction. If you do not, then the rack will not be pulled through the machine during operation.

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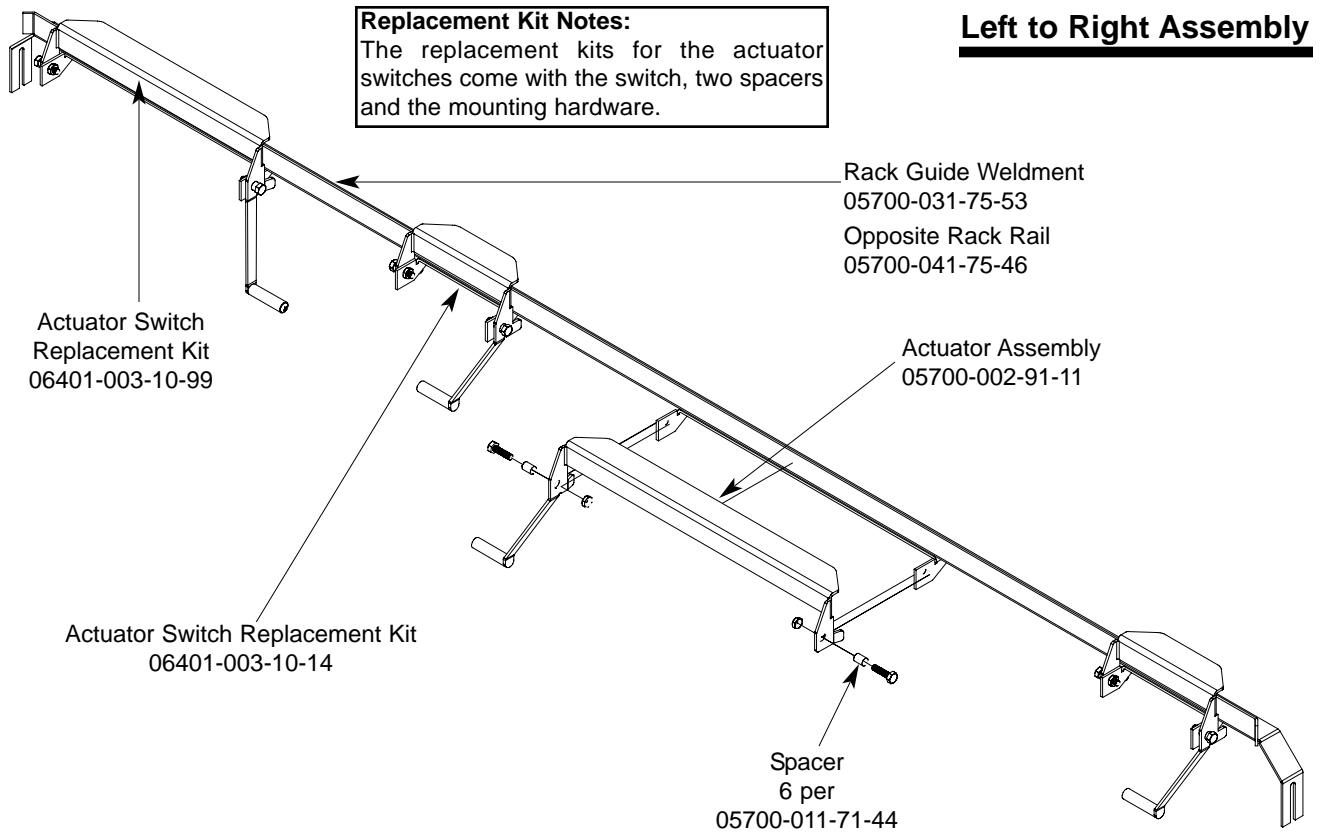
## SECTION 6: PARTS SECTION

### AJ-54 RACK RAIL ASSEMBLY

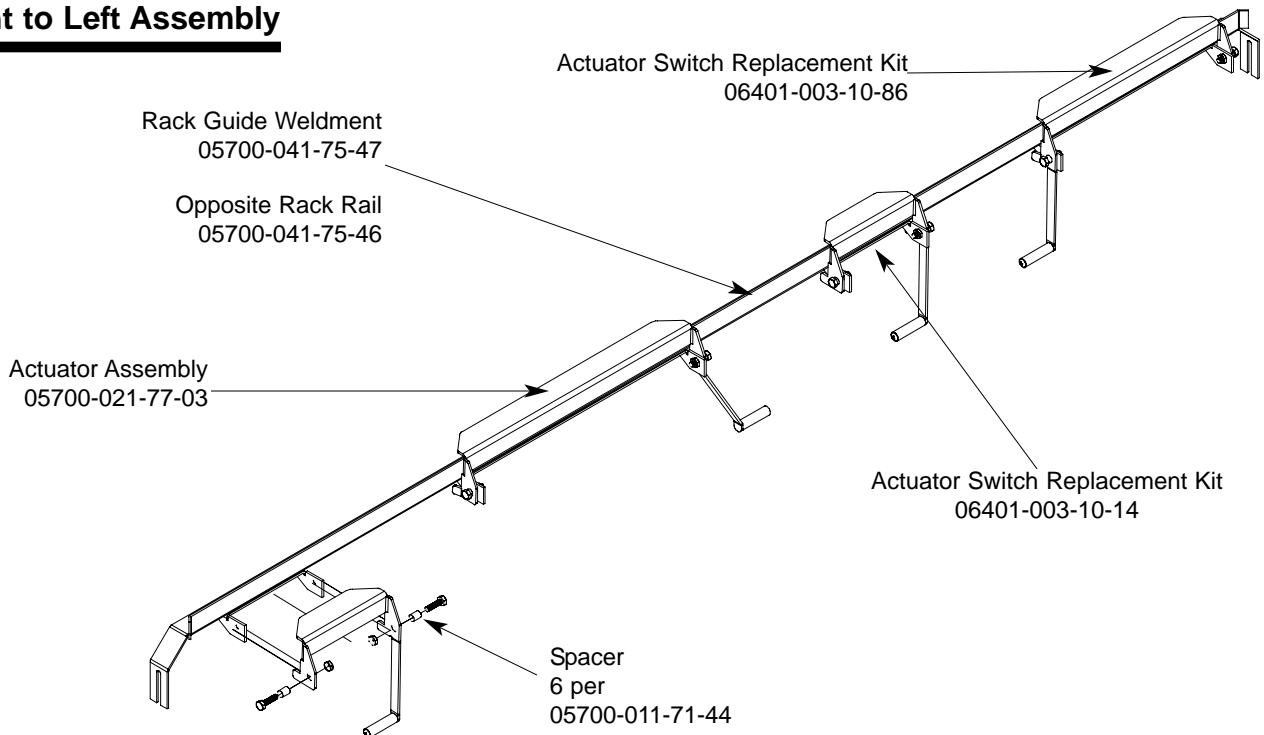


## SECTION 6: PARTS SECTION

### AJ-76 RACK RAIL ASSEMBLIES



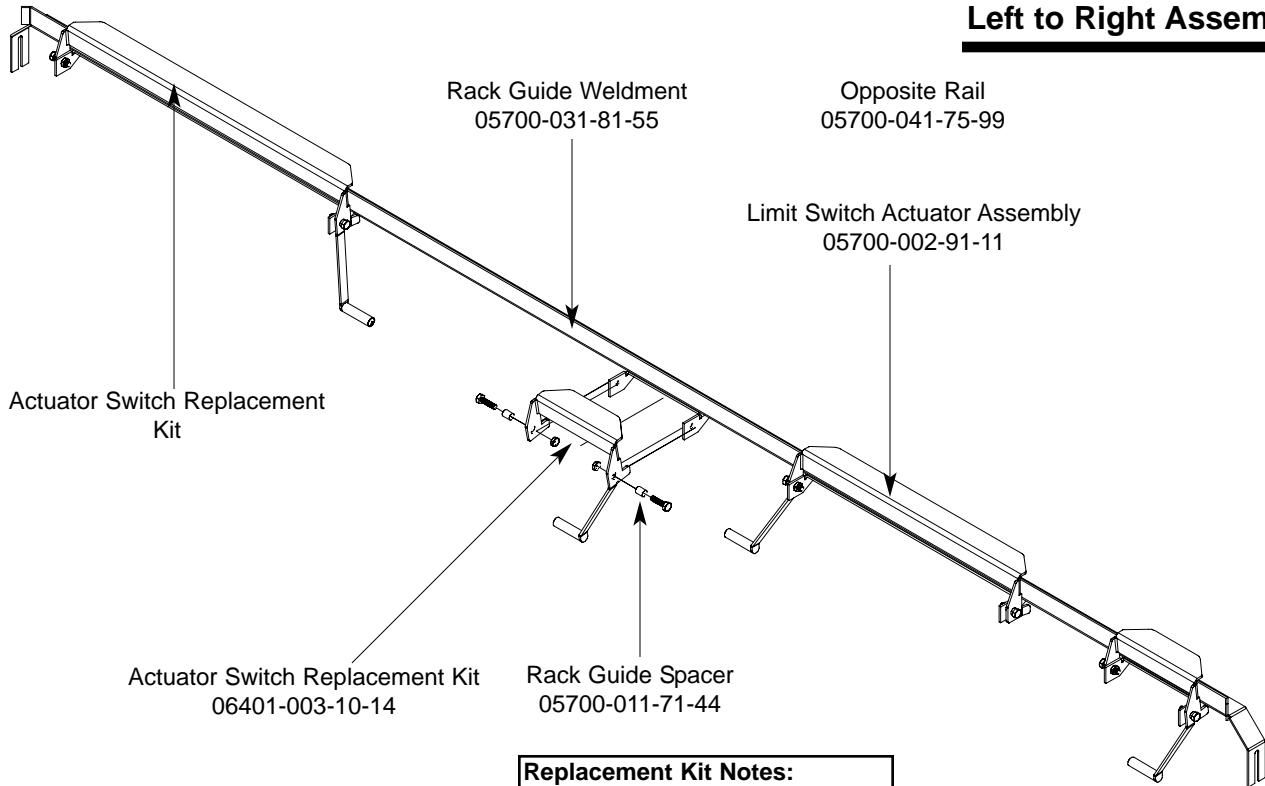
### **Right to Left Assembly**



## SECTION 6: PARTS SECTION

### AJ-90 RACK RAIL ASSEMBLIES

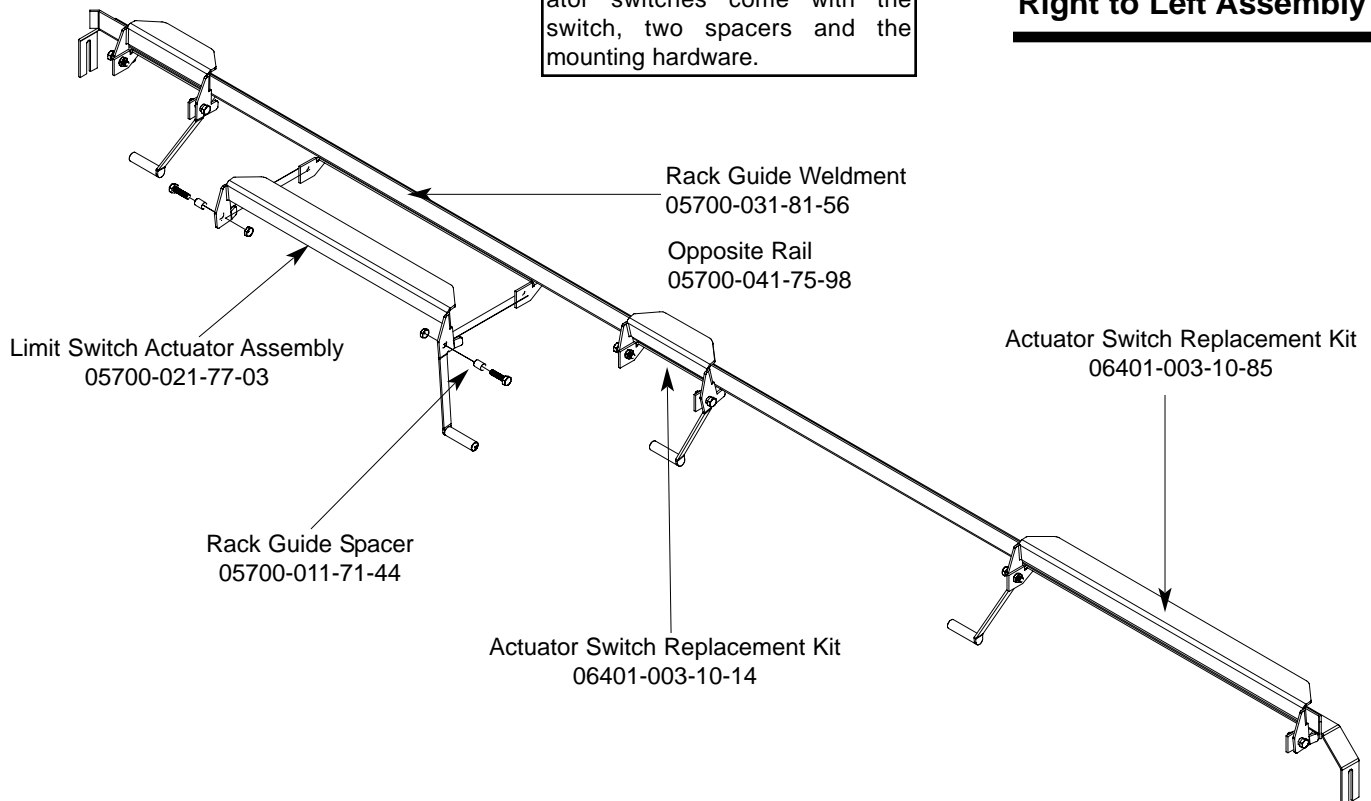
#### Left to Right Assembly



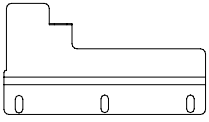
#### **Replacement Kit Notes:**

The replacement kits for the actuator switches come with the switch, two spacers and the mounting hardware.

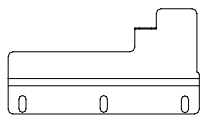
#### Right to Left Assembly



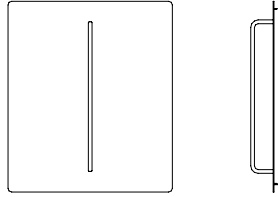
**SECTION 6: PARTS SECTION**  
**MISCELLANEOUS PARTS AND WELDMENTS**



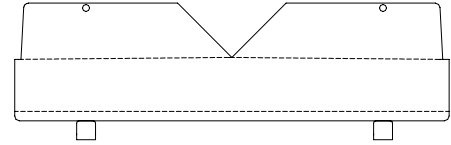
Plate, Left Water Directional  
 05700-021-79-27



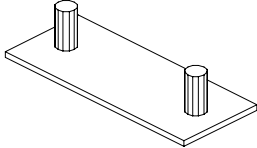
Plate, Right Water Directional  
 05700-021-79-23



Run Off Sheet Weldment  
 05700-021-71-39

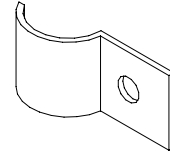


Splash Shield Weldment  
 05700-031-85-16

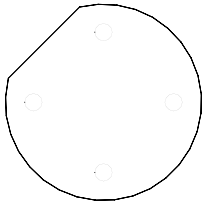


Hole Direction Plate Replacement Kit  
 06401-003-10-00

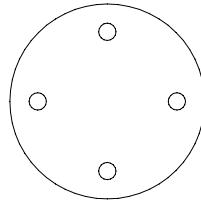
**Replacement Kit Note:**  
 The kit for the hole direction plate comes with the plate, a new gasket and the mounting hardware.



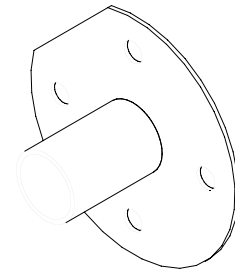
Pipe Clamp  
 05700-000-35-05



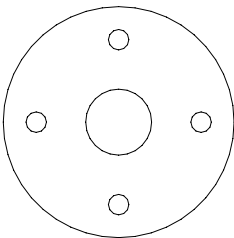
Rinse Drain Plate Replacement Kit  
 (CGP Models Only)  
 06401-003-10-07



Rinse Drain Plug Replacement Kit  
 06401-003-10-06



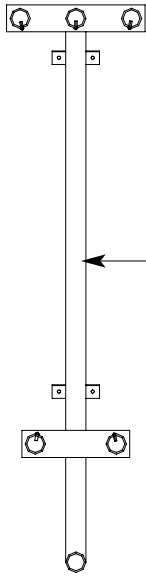
Rinse Drain Weldment Replacement Kit  
 06401-003-10-05



Rinse Drain Plate Gasket  
 05330-011-72-27

**Replacement Kits Notes:**  
 The kits for the drain weldments and drain plugs come with the weldments/parts, a new gasket and the mounting hardware.

**SECTION 6: PARTS SECTION**  
**MANIFOLDS/STRAINER SUPPORT WELDMENTS**



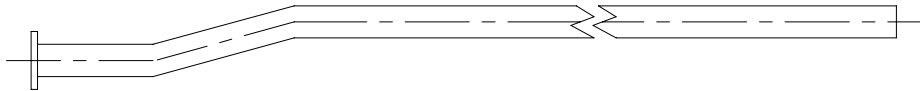
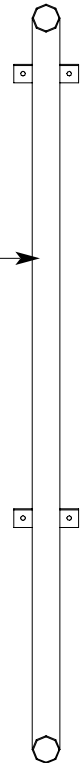
Prewash Manifold Weldment  
 AJ-66 Models Only  
 05700-031-69-70

Prewash Manifold Weldment  
 AJ-80 Models Only  
 05700-002-24-94

Prewash Manifold Weldment  
 (CGP Models Only)  
 05700-002-59-51

Wash Manifold Weldment  
 05700-031-71-13

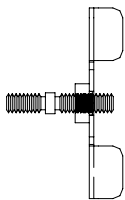
Wash Manifold Weldment  
 (CGP Models Only)  
 05700-002-51-14



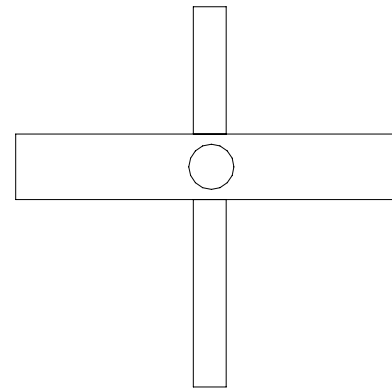
Wash Fill Tube Weldment  
 05700-021-71-21

Vellumoid Gasket  
 05330-111-42-81

Prewash Fill Tube Weldment  
 (AJ-66 & AJ-80 Models Only)  
 05700-021-74-76

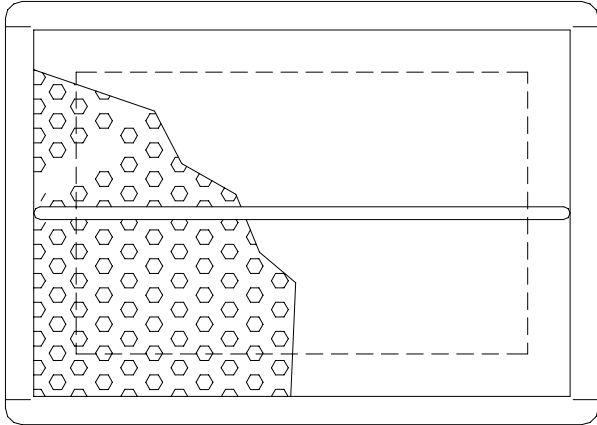


Shoulder Bolt Wingnut Weldment  
 05700-002-46-02

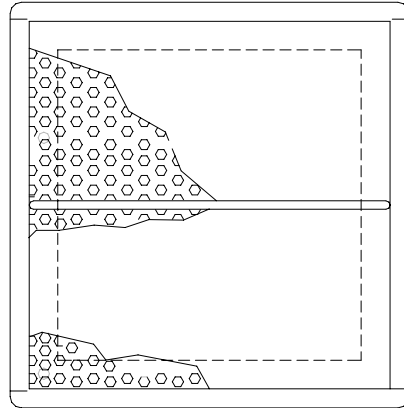


Wash Strainer Separator Weldment  
 05700-031-84-38

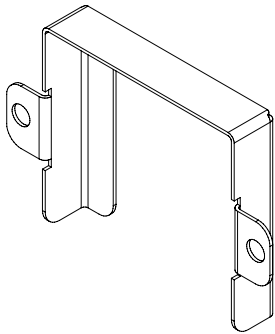
**SECTION 6: PARTS SECTION**  
**STRAINERS**



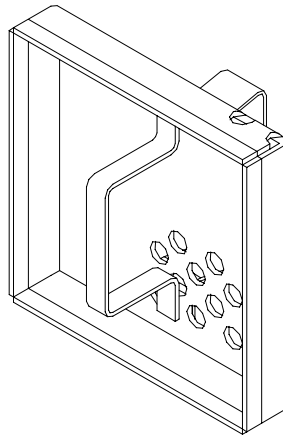
Front Strainer Weldment  
05700-021-85-10



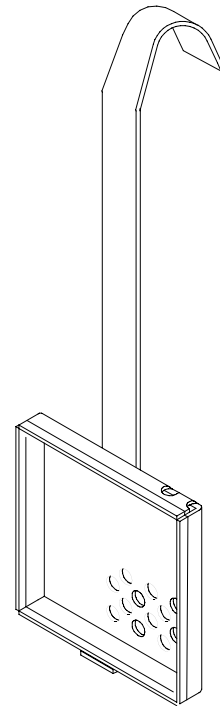
Back Strainer Weldment  
05700-021-85-11



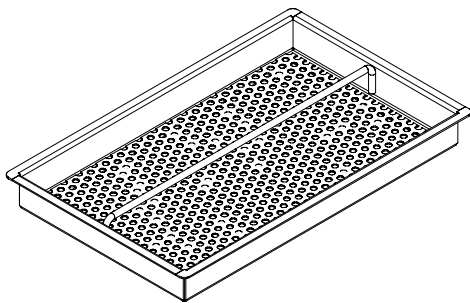
Overflow Strainer Support  
05700-001-96-48



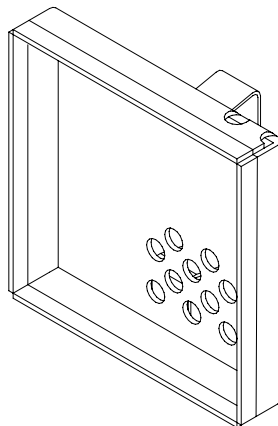
Drain Guard  
Strainer Weldment  
05700-002-09-15



Wash Intake Strainer Weldment (CGP Models)  
05700-002-51-52



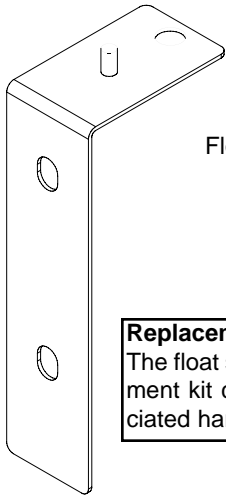
Tub Strainer Weldment (CGP Models)  
05700-002-03-21



Screen Strainer  
with Handle Weldment  
05700-002-09-04

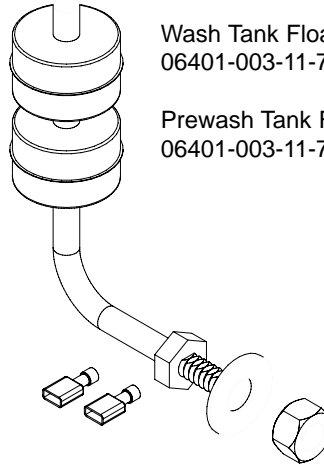


**SECTION 6: PARTS SECTION**  
**FLOAT SWITCH COMPONENTS/SCRAP BASKETS**



Float Switch Support Bracket  
 Replacement Kit  
 06401-003-11-77

**Replacement Kit Note:**  
 The float switch support bracket replacement kit contains the bracket and associated hardware for mounting.

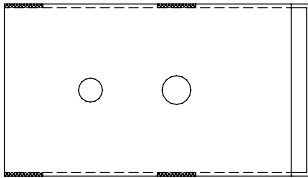


Wash Tank Float Switch Replacement Kit  
 06401-003-11-75

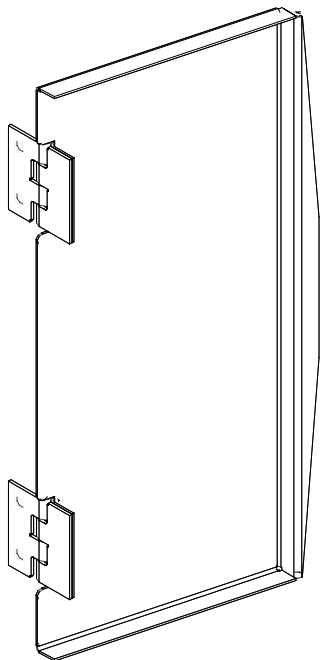
Prewash Tank Float Switch Replacement Kit  
 06401-003-11-76

**Replacement Kit Note:**  
 The float switch replacement kits contain the float switch with associated terminals, the flat washer and the nut.

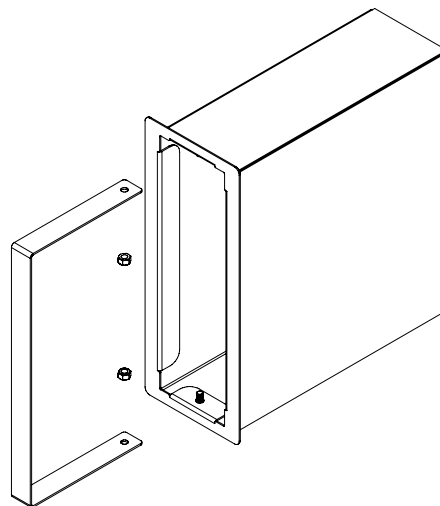
**Service Agent Note:**  
 Remember than when reinstalling the float switch that the flat washer goes inside against the tub wall while the nut is on the outside of the tub.



Float Switch Cover  
 05700-021-75-71

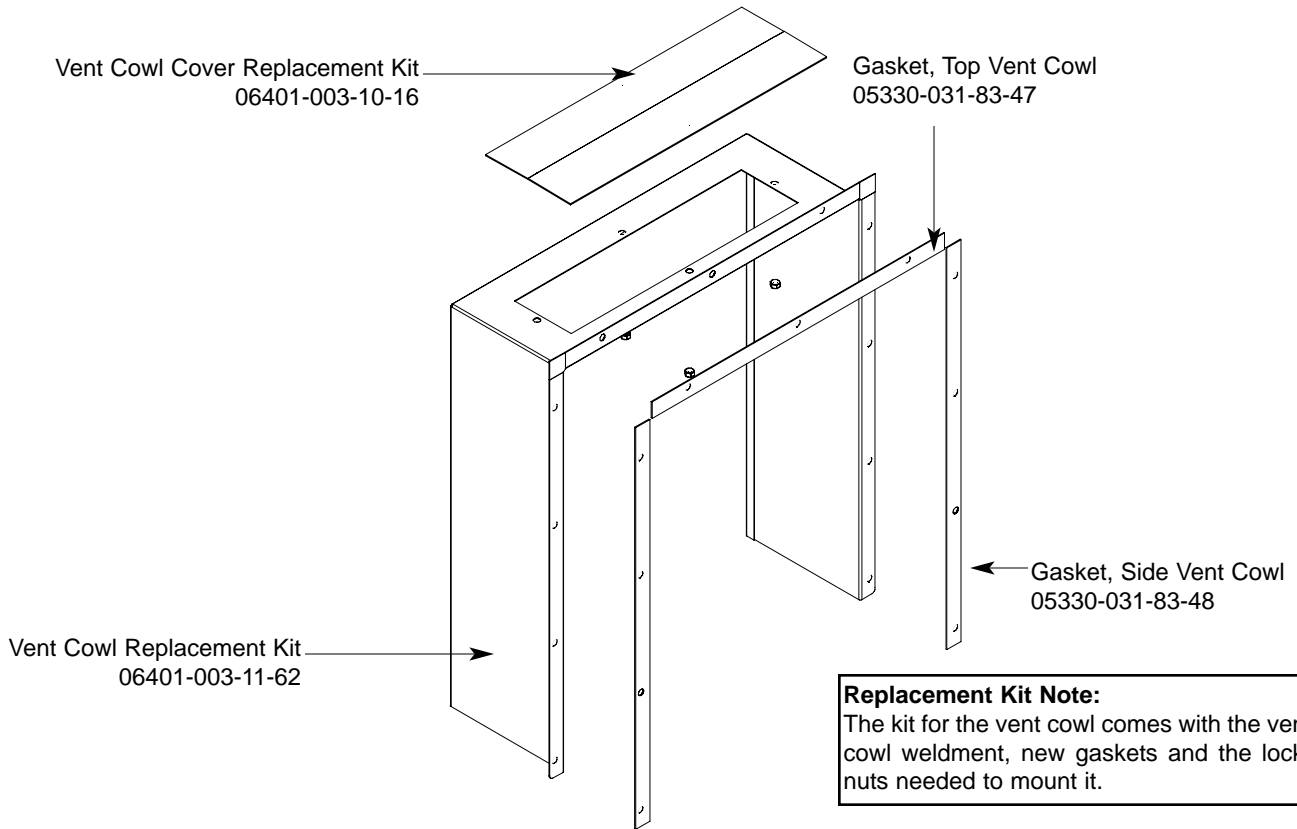


Scrap Basket Lid  
 Weldment  
 05700-002-56-55

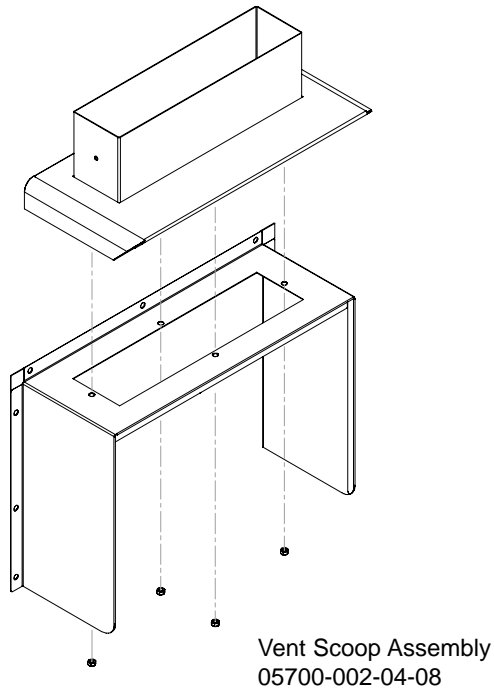


Scrap Basket Assembly  
 06401-011-87-78

**SECTION 6: PARTS SECTION**  
**VENT COWL ASSEMBLY/VENT SCOOP OPTION**

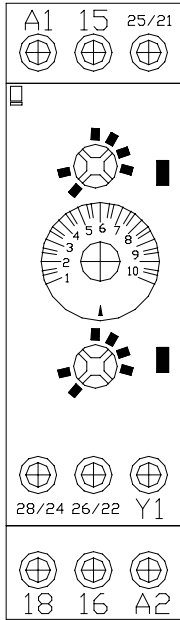


**VENT SCOOP OPTION**

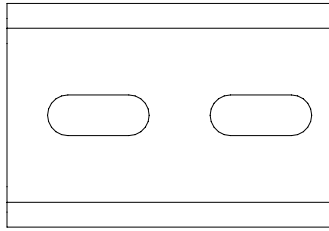


## SECTION 6: PARTS SECTION

### EXHAUST FAN CONTROL/TABLE LIMIT SWITCH OPTIONS



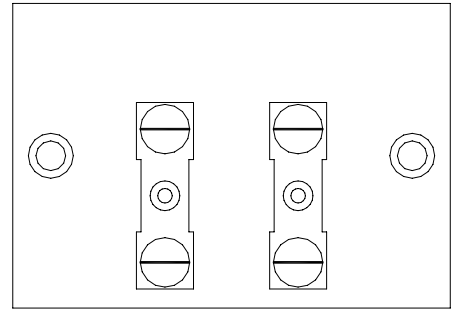
Delay Timer  
05945-011-65-44



2" Din Rail  
05700-002-36-09

**FAN LOAD ON TIMER OUTPUT  
5A, 1/4HP, 240 V AC MAX**

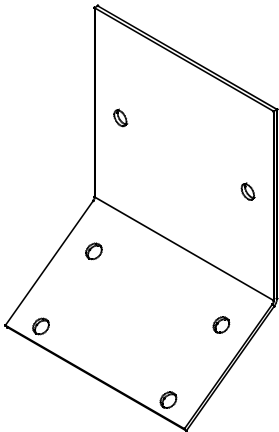
Decal, Fan Load  
09905-003-32-20



Terminal Board  
05940-011-84-41

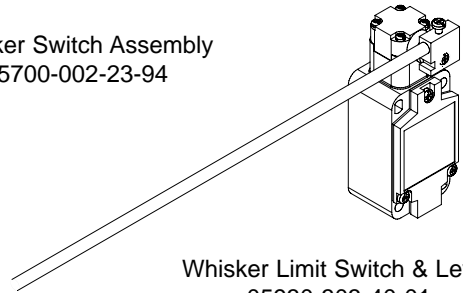
Kit, Exhaust Fan - Electric & Steam Models  
05700-031-90-53

Kit, Exhaust Fan - Gas Models  
05700-003-14-59

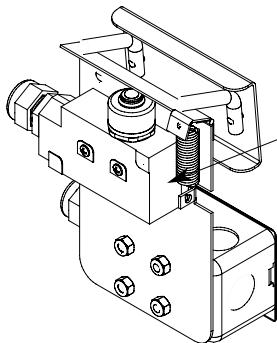


Whisker Limit Switch  
Mounting Bracket  
05700-000-14-55

Whisker Switch Assembly  
05700-002-23-94



Whisker Limit Switch & Lever  
05930-303-40-01

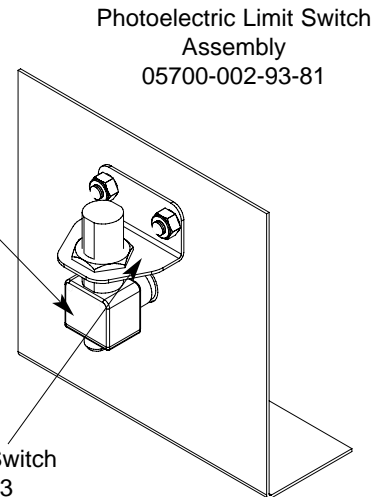


Limit Switch  
05930-002-62-81

Striker Plate Limit Switch  
Assembly  
05700-002-62-94

Proximity Limit  
Switch Sensor  
06685-002-94-15

Bracket, Proximity Switch  
05700-002-94-93

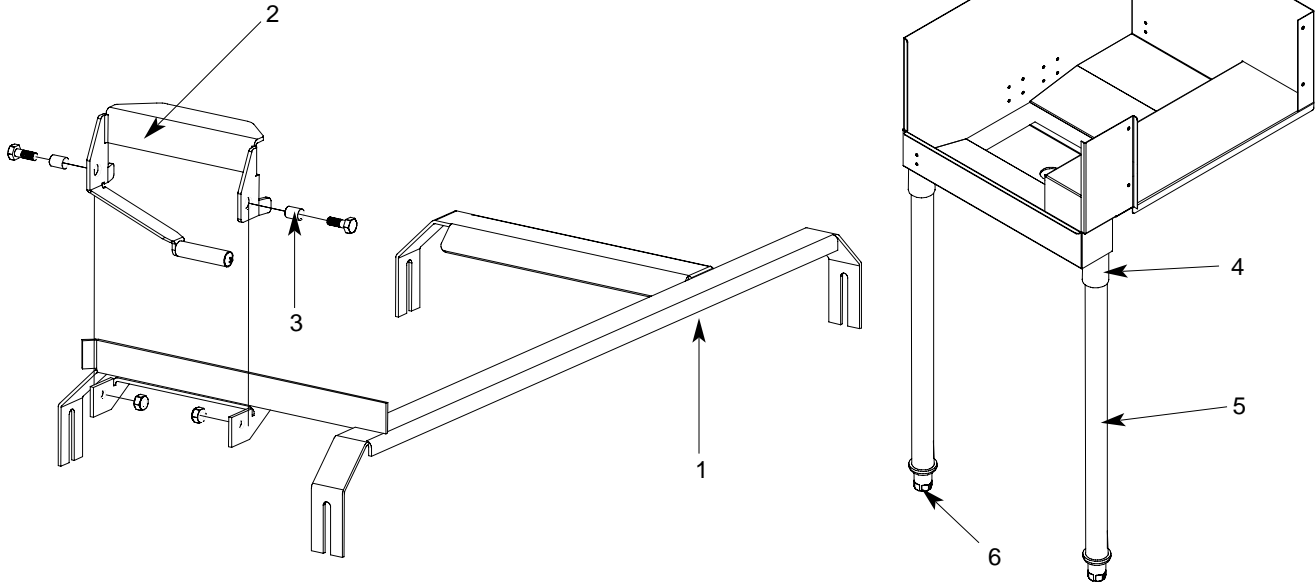


Photoelectric Limit Switch  
Assembly  
05700-002-93-81

## SECTION 6: PARTS SECTION

### SIDE LOADER TRACK ASSEMBLY/LEG REPLACEMENTS/STRAINER

**Side loader track assembly  
(left to right model shown).**



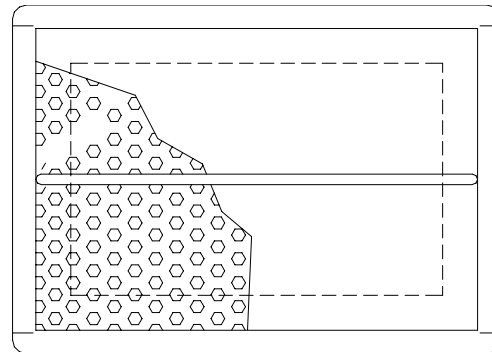
ITEM	QTY	DESCRIPTION	Mfg. No.
1	1	Track Weldment (Left to Right) 24"	05700-031-78-98
	1	Track Weldment (Right to Left) 24"	05700-031-95-20
	1	Track Weldment (Left to Right) 30"	05700-003-04-57
	1	Track Weldment (Right to Left) 30"	05700-003-04-58
2	1	Actuator Switch Replacement Kit	06401-003-10-64
3	2	Spacer	05700-011-71-44
4	1	Leg Socket Replacement Kit	06401-003-09-79
5	1	Leg Support Replacement Kit	06401-003-09-80
6	1	Bullet Foot	05340-108-01-03

**Replacement Kits Notes:**

The actuator switch replacement kit comes with the actuator weldment, mounting hardware and (2) spacers.

The leg socket replacement kit has the leg socket, mounting hardware and set screw.

The leg support replacement kit has the leg and the bullet foot included.

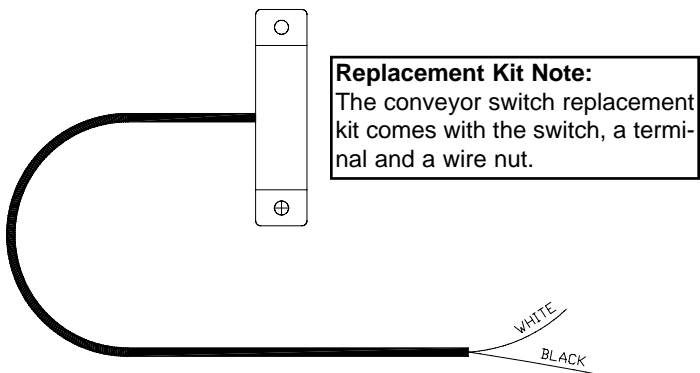
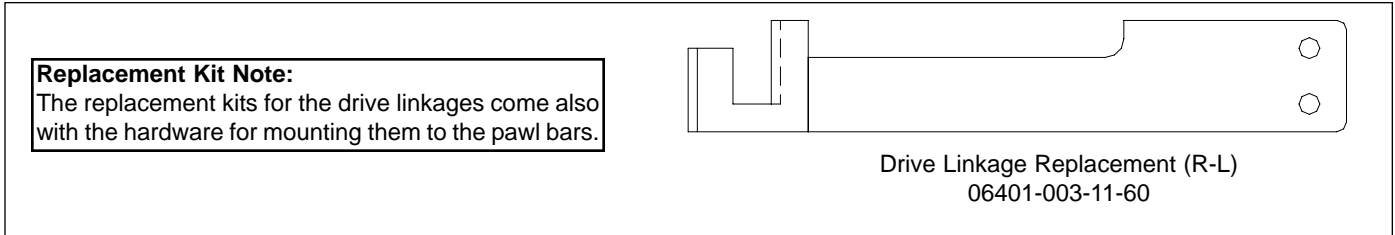
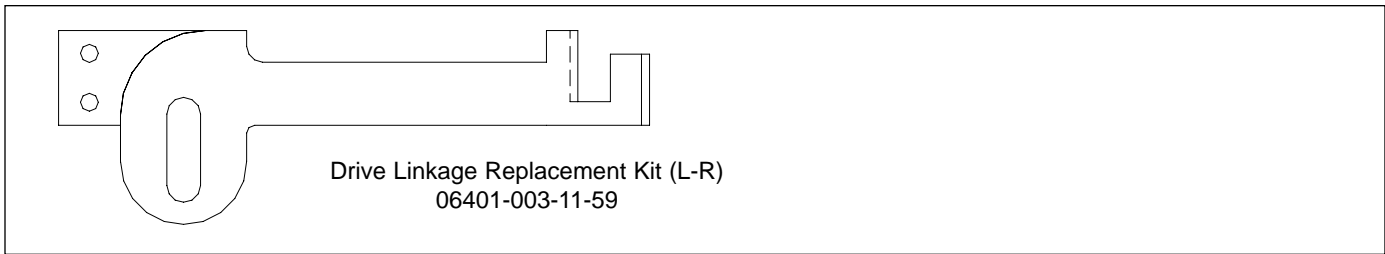
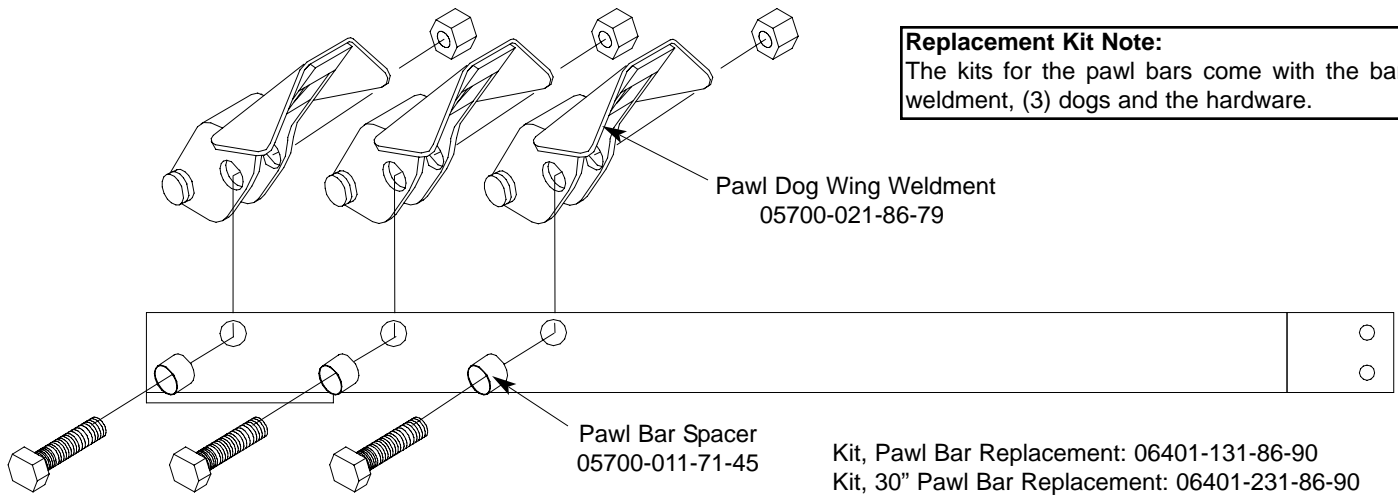


**Front Strainer Weldment  
05700-021-85-10**

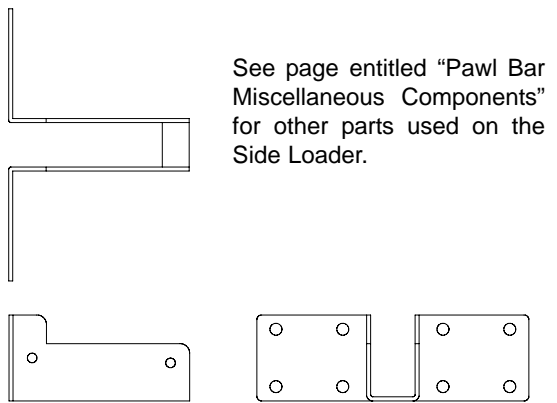
## SECTION 6: PARTS SECTION

### SIDE LOADER PAWL BAR ASSEMBLIES/PAWL BAR BRACKET/MAGNET

**Replacement Kit Note:**  
The kits for the pawl bars come with the bar weldment, (3) dogs and the hardware.



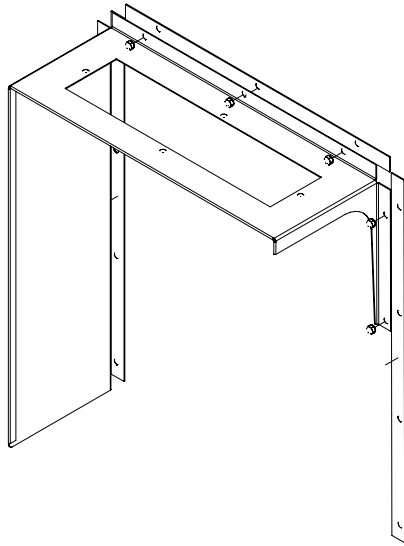
**Service Note:**  
The cord for the conveyor switch needs to be cut to length in the field and have the pink terminal applied there.



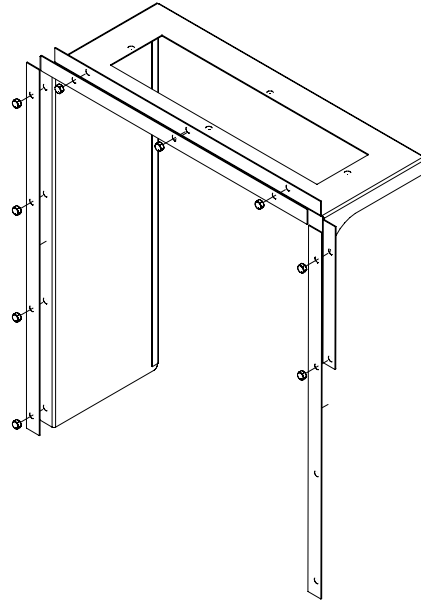
Pawl Bar Roller Bracket  
05700-031-77-94

**SECTION 6: PARTS SECTION**  
**SIDE LOADER VENT COWL OPTION**

Vent Cowl Replacement Kit (Left to Right)  
 06401-003-11-81



Vent Cowl Replacement Kit (Right to Left)  
 06401-003-11-83

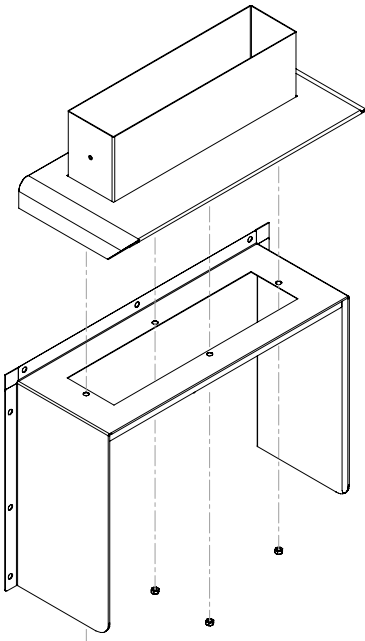


**Service Note:**  
 One of the side gaskets that come in the kit will need to be cut to length in order to fit properly on the unit when replaced.

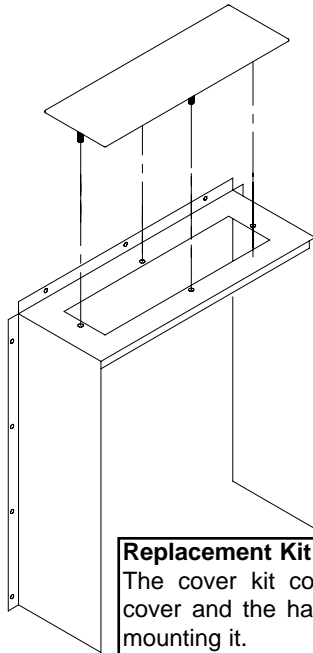
**Replacement Kit Note:**  
 The replacement kit(s) for the vent cowls come with the cowls, the gaskets and mounting hardware.

Vent Cowl Gasket, Top: 05330-031-83-47  
 Vent Cowl Gasket, Side: 05330-031-83-48

**VENT SCOOP OPTION**  
 Vent Scoop Assembly  
 05700-002-04-08

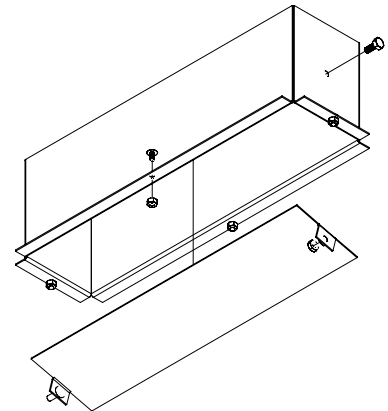


**STANDARD ASSEMBLY**  
 Vent Cowl Cover Replacement Kit  
 06401-003-10-16

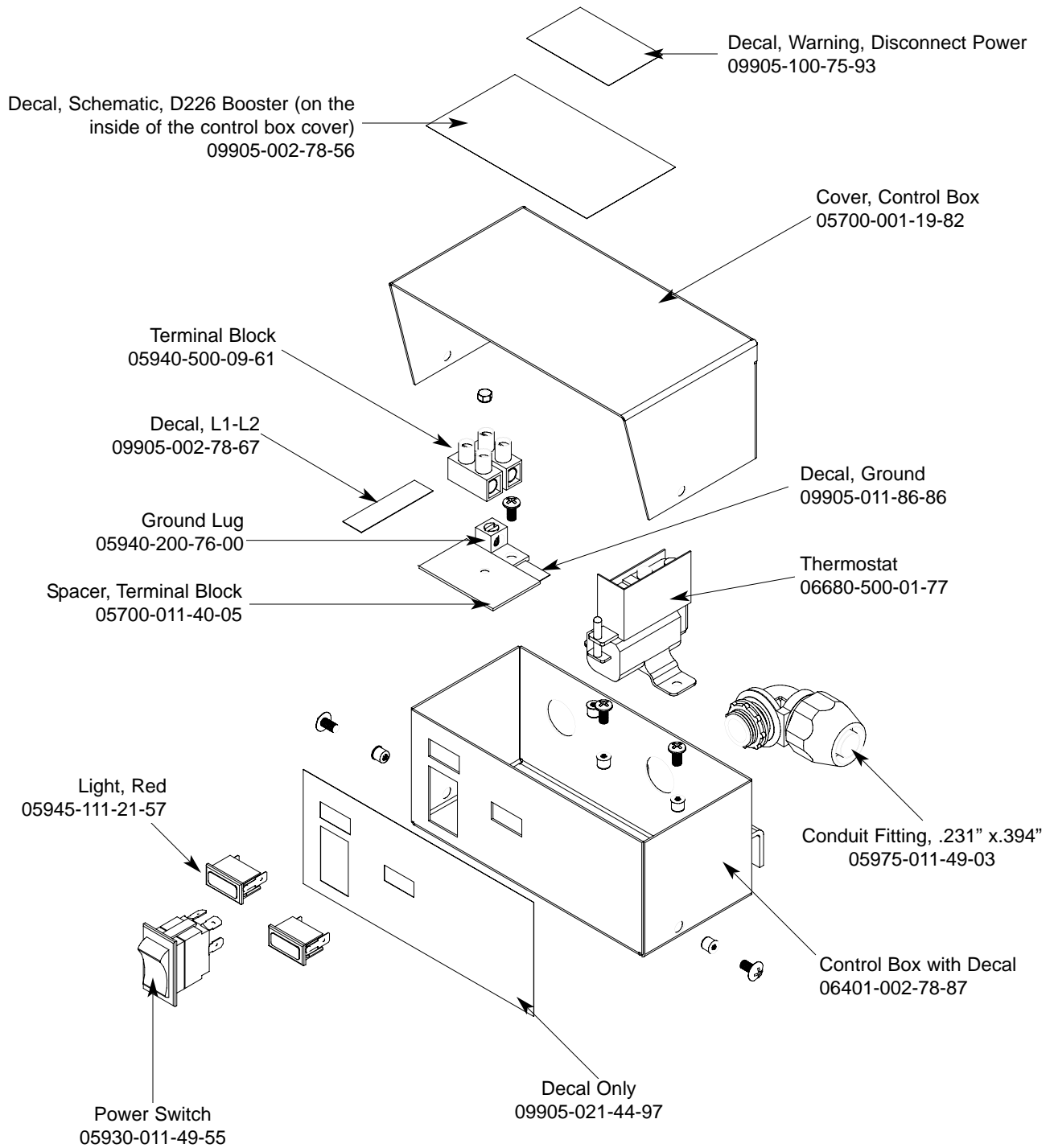


**Replacement Kit Note:**  
 The cover kit contains the cover and the hardware for mounting it.

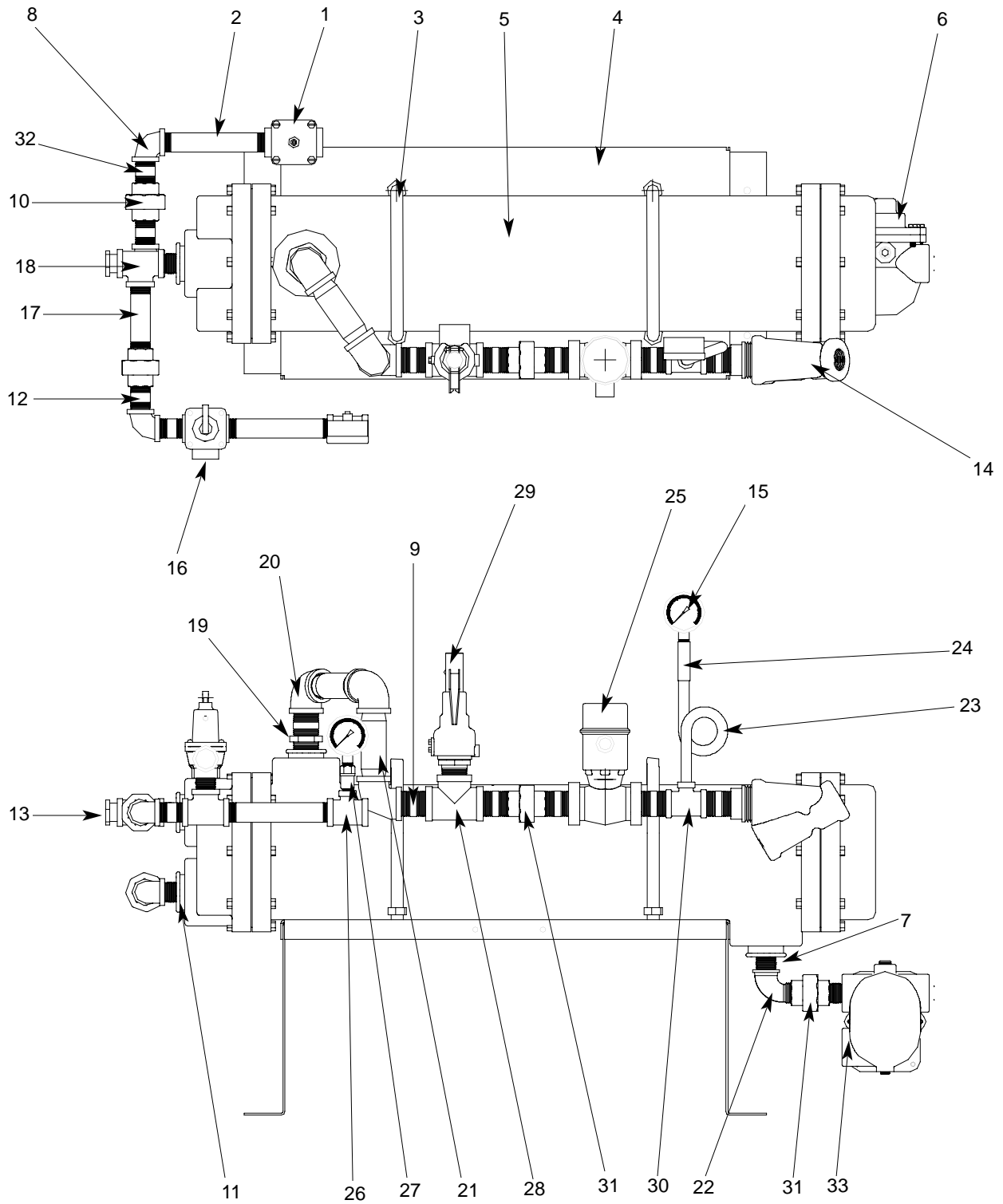
Vent Cowl Assembly for Hooded Side Loader Option  
 05700-003-15-66



**SECTION 6: PARTS SECTION**  
**D226 STEAM BOOSTER CONTROL BOX ASSEMBLY**



**SECTION 6: PARTS SECTION**  
**D226 STEAM BOOSTER PLUMBING ASSEMBLY**





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**SECTION 6: PARTS SECTION****D226 STEAM BOOSTER PLUMBING ASSEMBLY (CONTINUED)**

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<b>ITEM</b>	<b>QTY</b>	<b>DESCRIPTION</b>	<b>Mfg. No.</b>
1	1	Water Pressure Regulator, 3/4"	04820-100-01-06
2	2	Nipple, Brass, 3/4" NPT x 6" Long	05700-001-26-74
3	2	U-Bolt, 6", 5/8"-11 Thread	5306-458-01-04
4	1	Platform Weldment	05700-002-78-02
5	1	Heat Exchanger	4420-100-01-05
6	1	Steam Trap, 3/4"	06680-500-02-77
7	1	Bushing, 2" NPT x 3/4" NPT, Black Iron	04730-902-06-34
8	2	Elbow, 3/4" NPT, Brass	04730-206-13-00
9	6	Nipple, 1" NPT, Close, Black Iron	04730-907-08-34
10	2	Union, 3/4" NPT, Brass	04730-212-05-00
11	2	Bushing, 2" NPT x 3/4" NPT, Brass	04730-202-18-00
12	4	Nipple, 3/4" NPT x 1-3/8" Long	04730-207-34-00
13	1	Bushing, Hex 3/4" M x 1/2" F, Brass	04730-002-56-27
14	1	Y-Strainer, 1" NPT, Black Iron	04730-217-02-32
15	2	Pressure Gauge	06685-111-88-34
16	1	Steam Relief Valve	04820-100-07-06
17	2	Nipple, 3/4" NPT x 4" Long, Brass	04730-207-05-00
18	2	Tee, 3/4" NPT x 3/4" NPT x 3/4" NPT, Brass	04730-211-01-34
19	1	Bushing, 2" NPT x 1" NPT, Black Iron	04730-002-94-51
20	3	Elbow, 90°, 1" NPT, Black Iron	04730-906-03-34
21	2	Nipple, 1" NPT x 4" Long, Black Iron	04730-907-09-34
22	1	Elbow, 90°, Street, 3/4" NPT, Black Iron	04730-011-87-37
23	1	Nipple, Pigtail, 1/4" NPT	04730-907-14-34
24	1	Coupling, 1/4" NPT x 1/4" NPT	04730-904-01-34
25	1	Steam Solenoid Valve, 240VA	04820-100-29-34
25	1	Steam Solenoid Valve, 200VA	04820-002-93-66
25	1	Steam Solenoid Valve (ASCO)	04820-002-90-26
26	1	Tee, 3/4" NPT x 3/4" NPT x 1/4" NPT, Brass	04730-211-04-00
27	1	Valve, Test Cock, 1/4" NPT	04810-011-72-67
28	1	Tee, 1" NPT x 1" NPT x 1" NPT, Black Iron	04730-911-01-34
29	1	Valve, Safety Relief 1" NPT	04820-100-01-35
30	1	Tee, 1" NPT x 1" NPT x 1/4" NPT, Black Iron	04730-911-01-00
31	2	Union, 3/4" NPT, Black Iron	04730-912-01-00
32	2	Nipple, 3/4" NPT x 2" Long, Brass	04730-207-46-00
33	2	Nipple, 3/4" NPT, Close, Black Iron	04730-907-01-00

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## SECTION 6: PARTS SECTION

### GO\*BOX COMPONENTS

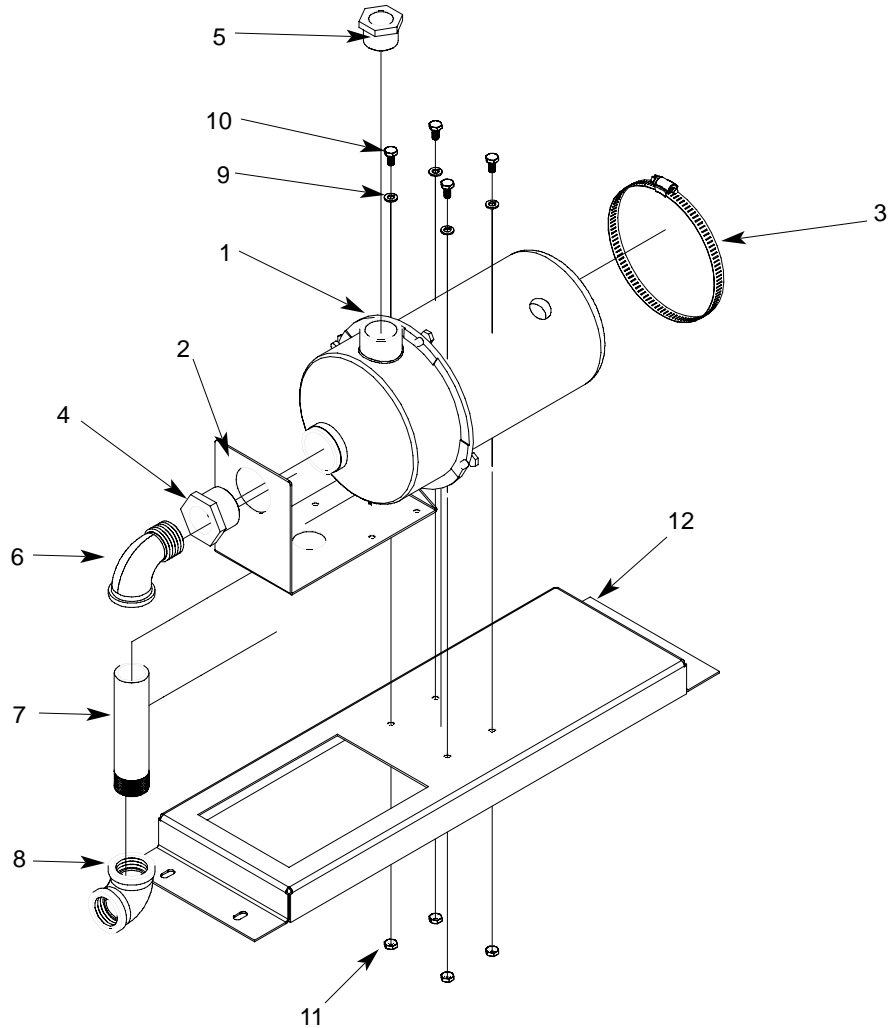
A GO\*BOX is a kit of the most needed parts for a particular model or model family to successfully effect a repair in the first call 90% or more of the time.

The following components may be ordered together using part number 06401-002-14-98.

<b>QTY</b>	<b>DESCRIPTION</b>	<b>Mfg. No.</b>
1	Drive Motor Contactor	05945-111-68-38
1	Contactora, Wash Heater, 3 ph, 3 pole	05945-002-24-70
1	Contactora, Wash Heater, 1 ph, 4 pole	05945-111-68-37
2	Final Rinse Arm End Cap	05700-011-35-92
1	Float Switch, Dual, Wash & Prewash	06680-121-70-71
1	Gasket, Pawl Bar Gutter	05330-011-68-55
1	Gauge, Pressure	06685-111-88-34
6	Glide, Door Edge	05700-111-70-92
2	Magnet, Door Reed Switch	05930-111-51-68
2	O Ring, Prewash Manifold	05330-400-12-08
2	O Ring, Wash Manifold	05330-011-74-56
1	Overload, Drive Motor	05945-111-68-39
1	Overload, Wash Motor	05945-111-68-40
1	Relay,120v, 3 PDT	05945-111-72-51
1	Relay,120v,50/60Hz 3A Control	05945-111-35-19
1	Repair Kit, 3/4" Vacuum Breaker	04820-001-60-57
4	Roller, Pawl Bar	05700-011-68-16
1	Seal Kit for Wash and Prewash pump	05330-011-71-98
2	Solenoid Valve, Fill & Rinse	04810-100-53-00
2	Switch, Power	05930-011-49-55
2	Switch, Reed, Actuator (NC)	05930-111-68-44
1	Switch, Reed, Door (NO)	05930-111-68-86
1	Thermometer, 48" Capillary	06685-111-68-48
1	Thermometer, 96" Capillary	06685-111-68-49
2	Thermostat, Wash High Limit	05930-121-71-36
2	Thermostat, Wash Regulating	05930-121-67-72
1	Transformer,150VA	05950-011-68-35
1	Valve, Ball 1 1/2" NPT	04820-111-71-46

## SECTION 6: PARTS SECTION

### RINSE FILL OPTION



ITEM	QTY	DESCRIPTION	Mfg. No.
	1	Rinse Fill Motor Assembly	05700-002-40-25
1	1	Motor	06105-002-72-71
2	1	Bracket, Pump Mounting	05700-002-63-59
3	1	Clamp, Hose 5 5/8" to 6"	04730-011-34-90
4	1	Reducer Bushing, 1 1/4" to 1"	04730-002-73-62
5	1	Reducer Bushing 1" to 3/4"	04730-011-65-14
6	1	Elbow, 90 Deg., 1" Street	04730-002-11-99
7	1	Nipple, 1" NPT x 6" Long Brass	04730-002-12-00
8	1	Elbow, 90 Deg. Brass Female	04730-002-12-55
9	4	Lockwasher, 1/4"	05311-274-01-00
10	4	Bolt, 1/4"-20 x 1/2" Long	05305-274-02-00
11	4	Nut, Hex S/S 1/4"-20	05310-274-01-00
12	1	Rinse Motor Mounting Bracket	05700-002-38-90