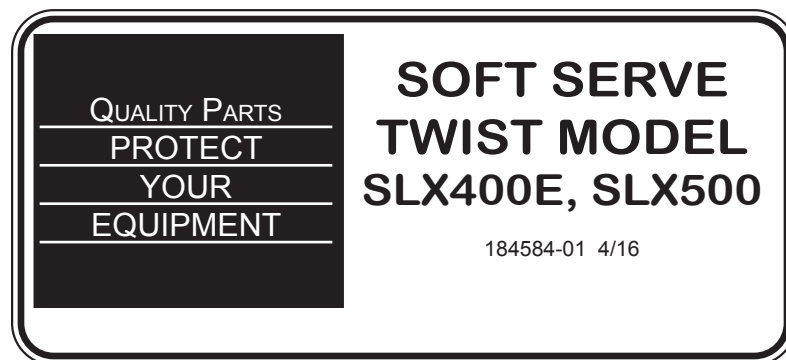




REPLACEMENT PARTS MANUAL

with ILLUSTRATIONS



KEEP YOUR FREEZER IN EXCELLENT CONDITION. ALWAYS CONTACT
YOUR ELECTRO FREEZE DISTRIBUTOR FOR REPLACEMENT PARTS.

Replacement Parts Orders

You must have the serial number of your freezer when ordering parts — parts may differ with a particular serial number of the same model.

Parts are listed using terminology that best fits the function of the part. The illustrations in this section will help you to find the correct part number and description.

Place your parts order through your local authorized Electro Freeze Distributor.

Name: _____

Address: _____

Phone: _____

If you require any further assistance, contact H. C. Duke & Son, LLC *Electro Freeze* as follows:



Phone: (309) 755-4553
(800) 755-4545

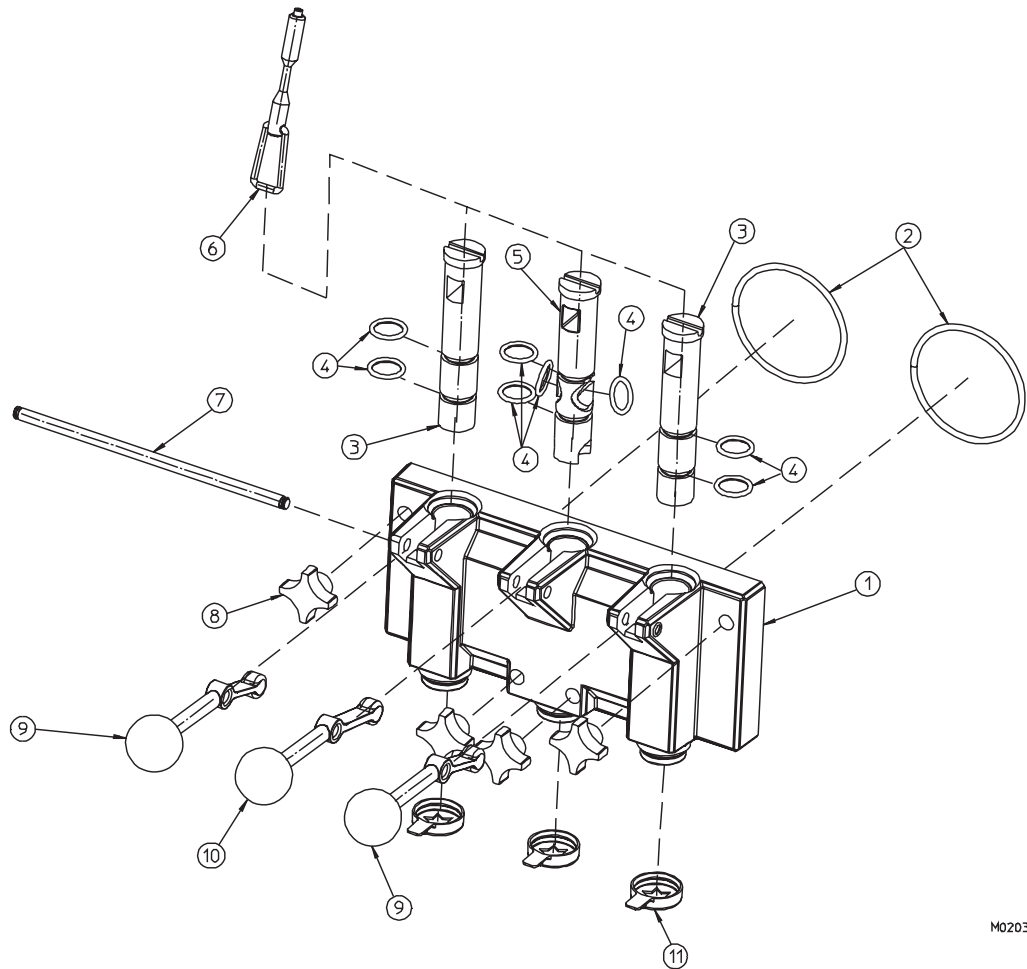
FAX: (309) 755-9858

E-mail: service@electrofreeze.com

Part II

Replacement Parts Orders

Figure 1	Head Assembly	1
Figure 2	SLX400E Beater Shaft Assembly	2
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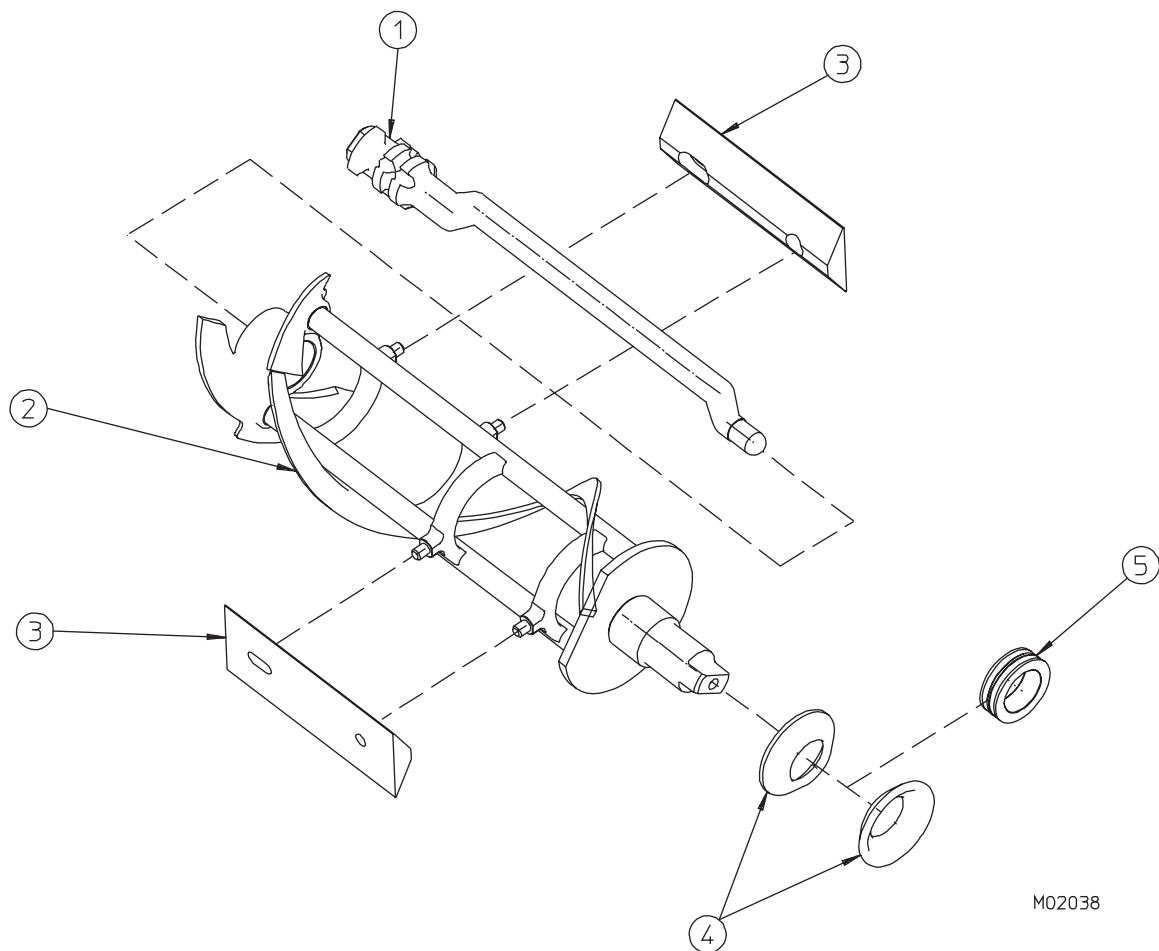
M02039

Figure 1 Head Assembly

Item	Part No.	Description
*	HC121186	Head - Assy. Dispense ADA
1	HC121664	Head - Assy. with Actuators & Insert
2	HC160583	O-ring (Head)
3	HC137174	Plunger - Side Self Dispense
4	HC160501	O-ring (Plunger)
5	HC138009	Plunger - Dispense Center
6	HC113426	Push Rod - Assy. Plunger Switch
7	HC141311	Pin - Handle
7A	HC160581	O-ring (not shown)
8	HC162625	Knob - Hand
9	HC120864	Handle - Assy Dispense ADA (Side)
	HC162629	Knob - Ball 3/8-16 THD Black
10	HC120865	Handle - Assy Dispense Center ADA
	HC162629	Knob - Ball 3/8-16 THD Black
11	HC196192	Nozzle - Serrated Six Point
* Includes all items above except #6 and #8.		

Not Shown:

HC114341-05 Stud - Assy. Cylinder 3-5/16" (Bottom)
 HC114341-08 Stud - Assy. Cylinder 2-5/16" (Top)
 HC116410 Switch - Dispense Head Kit

**Figure 2 SLX400E Beater Shaft Assembly**

Item	Part No.	Description
1	HC141821	Bar - Breaker
2	HC121139	Shaft - Assy. Beater
3	HC141236	Blade - Scraper (Non-Rev)
4*	HC160557	Seal - Beater Shaft
5*	HC137593	Washer - Double Shaft Seal

* Can be ordered together

HC115525 Seal - Assy. Shaft Double

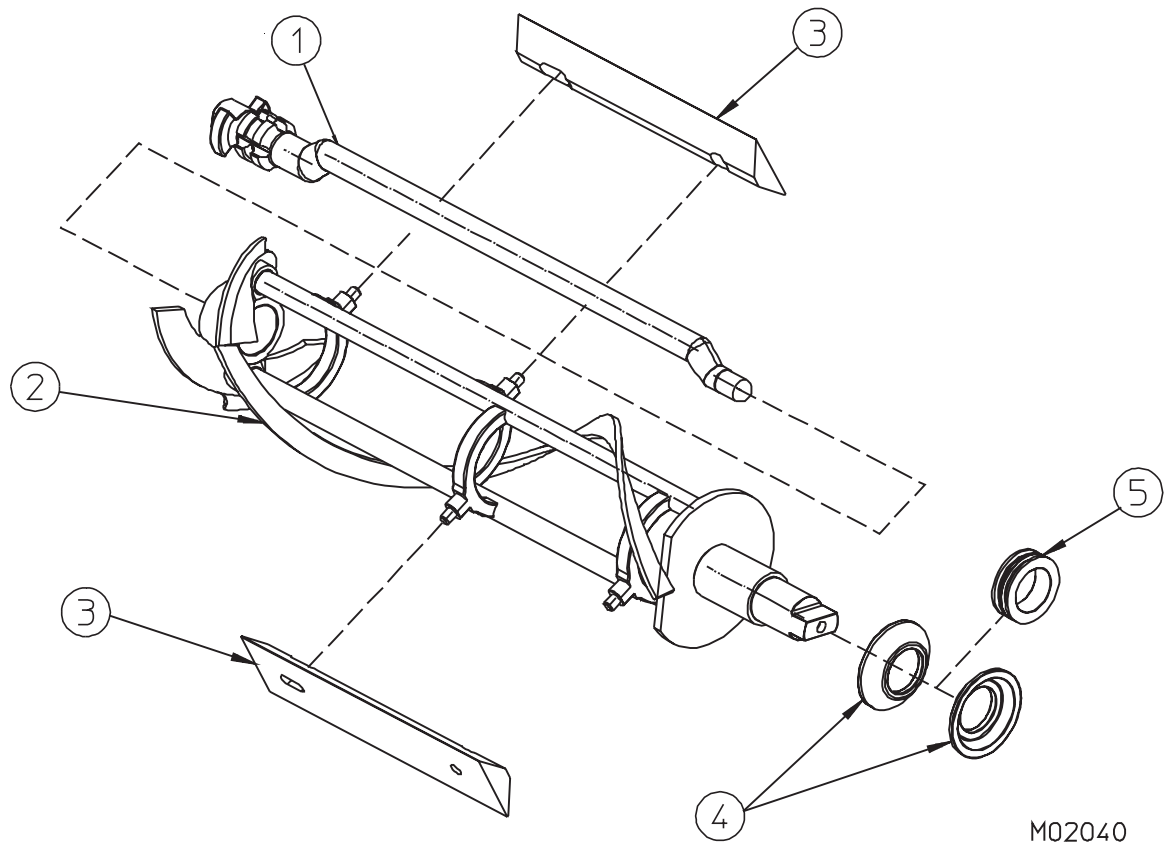
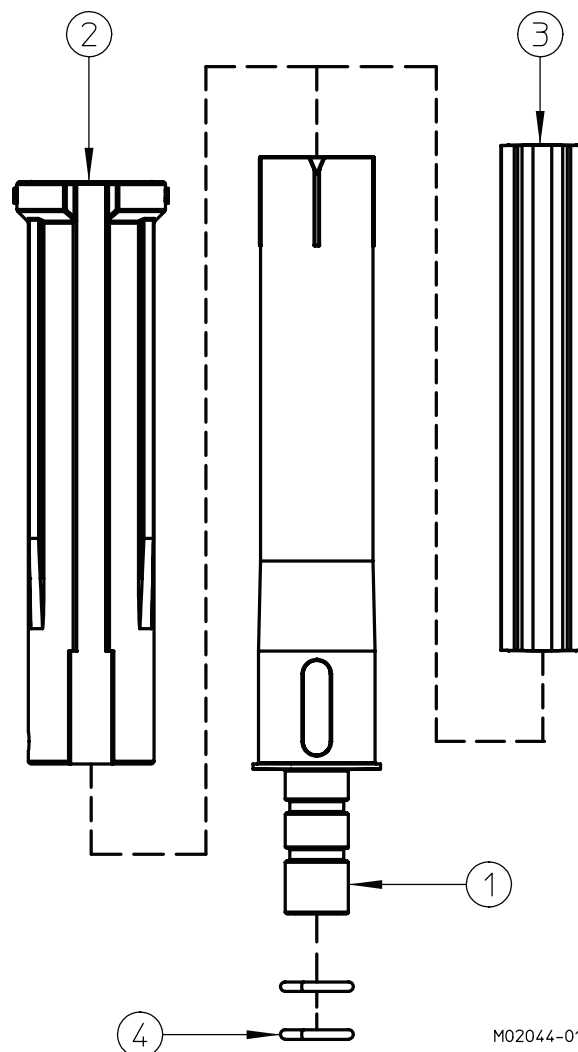


Figure 3 SLX500 Beater Shaft Assembly

Item	Part No.	Description
1	HC141822	Bar - Breaker
2	HC120866	Shaft - Assy. Beater
3	HC141009	Blade - Scraper (Non-Rev)
4*	HC160557	Seal - Beater Shaft
5*	HC137593	Washer - Double Shaft Seal

* Can be ordered together

HC115525 Seal - Assy. Shaft Double



M02044-01

Figure 4 Mix Feed Tube Assembly

Item	Part No.	Description
*	HC121076-01....	Tube - Assy Mix Feed Complete Short (SLX400)
*	HC121076.....	Tube - Assy Mix Feed Complete Long (SLX500)
1	HC196603-01....	Tube - Rear Mix Feed Short (SLX400)
or	HC196603.....	Tube - Rear Mix Feed Long (SLX500)
2	HC196604-01....	Regulator - Mix Feed Short (SLX400)
or	HC196604.....	Regulator - Mix Feed Long (SLX500)
3	HC196608-01....	Insert Mix Feed Tube Short (SLX400)
or	HC196608.....	Insert Mix Feed Tube Short (SLX500)
4	HC160502.....	O-ring

* Includes items 1 through 4.

Figure 5 Contactor Box

Item	Part No.	Description
1	HC150276-01	Transformer CNTRL 24V 75VA
2	HC150076	Contactor - 3P 25A 24V Coil BF25
3	HC150044	Relay - Miniature DPDT 230V AU Contact
3A	HC150098	Socket - Miniature Relay DPDT
3B	HC150166	Clip - Miniature Relay Retaining

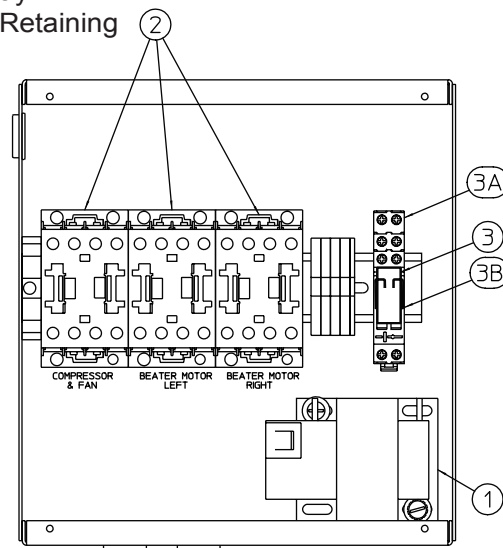
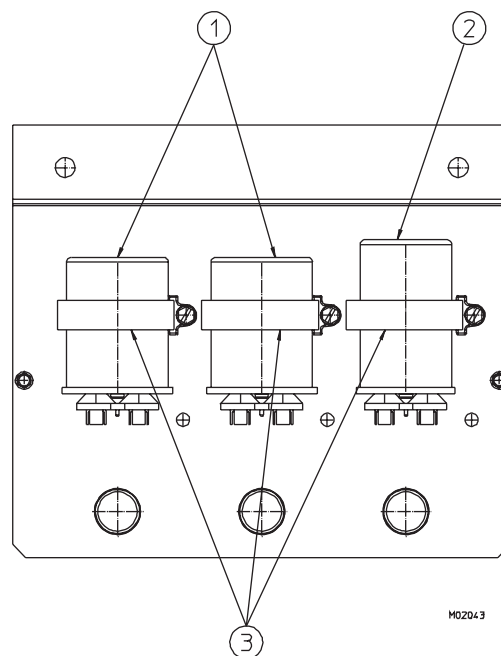


Figure 6 Capacitor Box

Item	Part No.	Description
1	HC150318	Capacitor - Run (SLX500) (Beater Motor)
2	HC151491	Capacitor - Run (SLX500) (Compressor)
or	HC150244	Capacitor - Run (SLX400 Series) (Compressor)
3	HC160772	Clamp - Hose 1-5/16 - 2/14

Note: Model SLX400 Series beater motor capacitors are located on the motors.



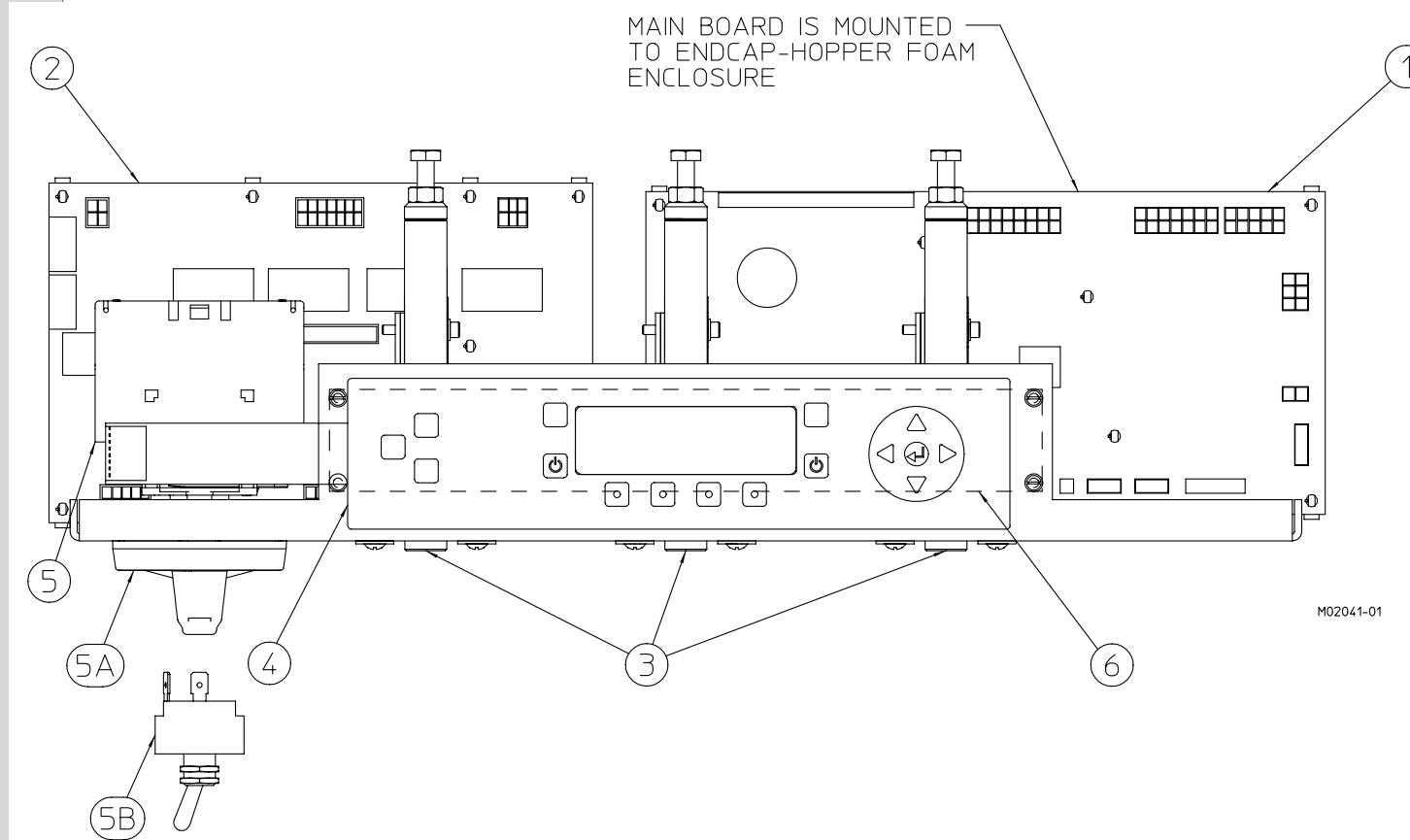


Figure 7 Control Center

Item	Part No.	Description
1	HC151701-05....	Board - PC Main
2	HC151702	Board - PC Relay
3	HC121268	Switch - Assy Plunger
4	HC150993	Membrane (Switch Covering)
5	HC150708	Switch - Disconnect (Model SLX500 Only)
5A	HC151709	Knob - Rotary Disconnect (Model SLX500 Only)
5B	HC150046	Switch - Toggle 3PST 2HP
6	HC150994-04	Board - PCB UI

Not Shown:

HC150000-02 Harness - Wire UI
 HC150000-05 Harness - Wire Low Voltage

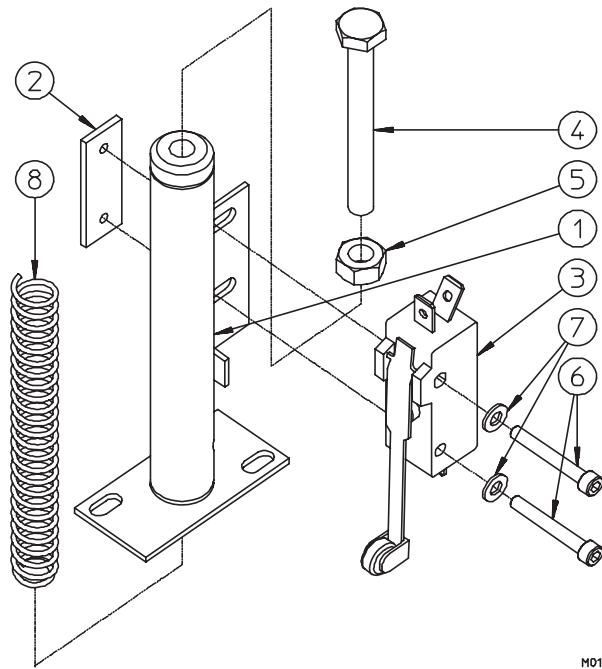
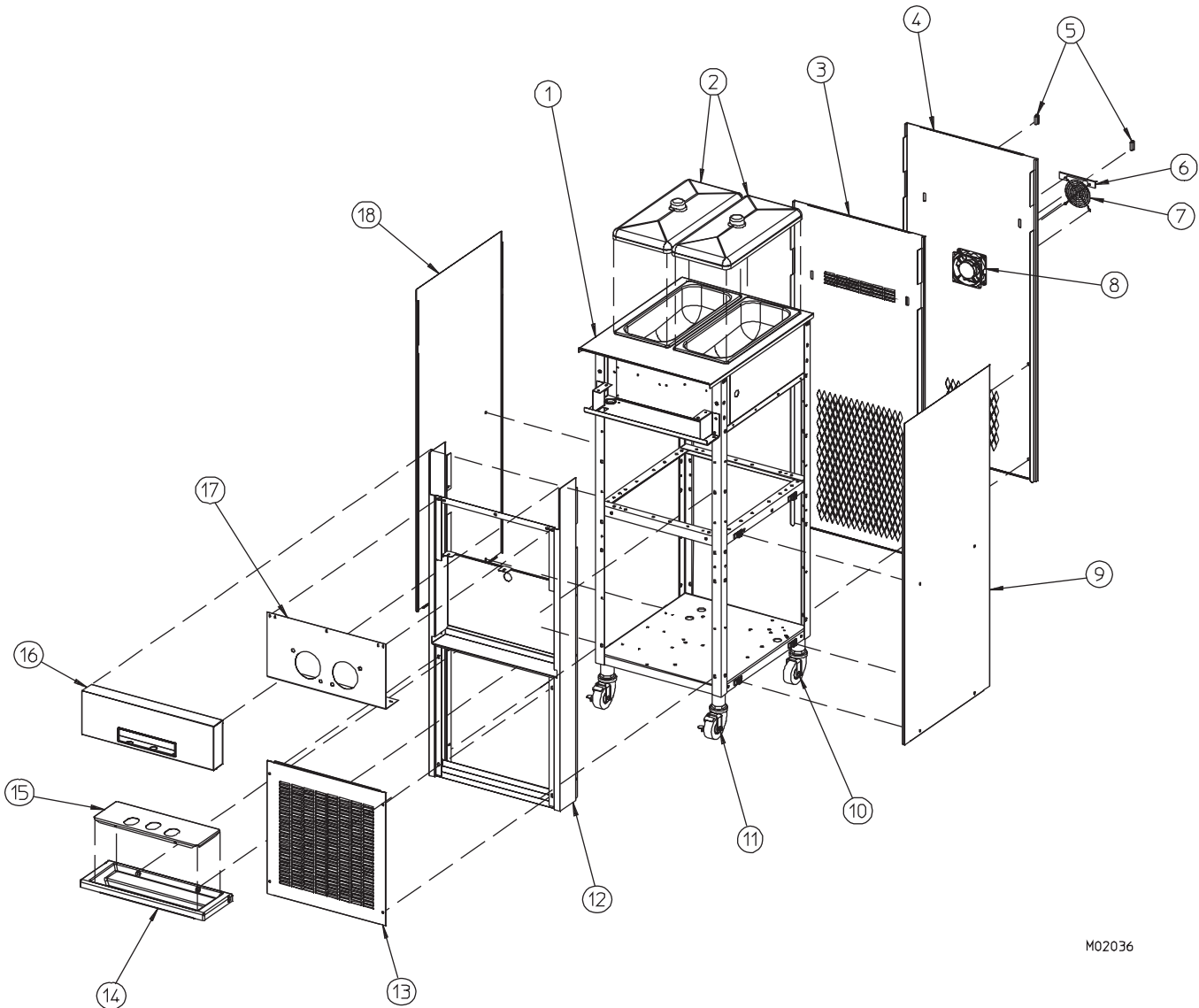


Figure 8 Switch Assembly

Item	Part No.	Description
*	HC121268	Switch - Assy. Plunger Side LH (Complete)
1	HC121267	Guide - Assy. Push Rod
2	HC136456	Plate - Switch
3	HC150477	Switch - Roller Actuator SPDT
4	HC160006	Screw - HXHM 1/4-20 x 2 ZN
5	HC160104	Nut - HEX 1/4-20 ZN
6	HC160381	Screw - SKHC #6-32 x 1 BKOX
7	HC160393	Washer - Flat #6 Brass
8	HC162323	Spring - Compression MW ZN

*Includes items 1 through 8.

Figure 9 Panel View (Sheet 1 of 2)



M02036

Hardware for Panels				
Panel	Screw	Nut - Speed	Spacer	Nut - Speed on Frame
Dispense	HC160076	HC159132	n/a	n/a
Front	HC160076	HC159132	n/a	HC159067
Rear	HC160048	HC160117	n/a	n/a
Side	HC159219	HC160114	HC138456	n/a
Trimstrip	HC160076	n/a	n/a	n/a
n/a - Not Applicable				

Figure 9 Panel View (Sheet 2 of 2)

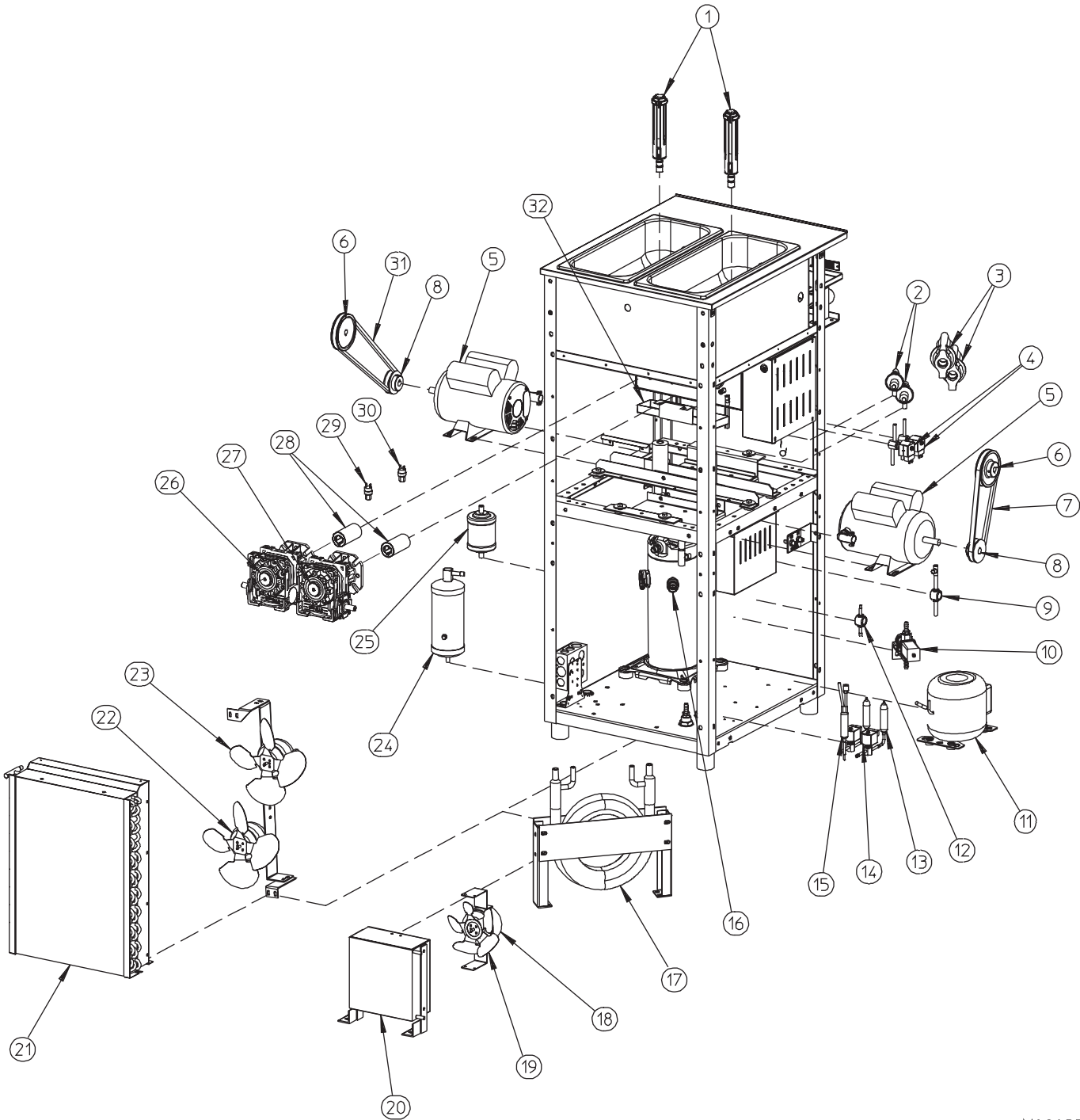
Item	Part No.	Description
1	HC121270	Hopper & Cylinder Assembly (SLX400 Series)
or	HC121271	Hopper & Cylinder Assembly (SLX500)
2	HC196298	Cover - Hopper
3	HC121191	Panel - Assy. Rear A/C (Air Cooled)
4	HC121250	Panel - Rear W/C (Water Cooled)
5	HC150992	Light - Indicator 14VDC
6	HC138221	Cap - Drip Fan Port (Water Cooled)
7	HC151095	Guard - Finger (Water Cooled)
8	HC151094	Fan - Axial 19W (Water Cooled)
9	HC141307	Panel - Side
10	HC162106	Caster - 1-1/4 St. PT w/o Brake
10A	HC150736	Nut - Lock Conduit 1-1/4 (for Casters)
11	HC162105	Caster - 1-1/4 St. PT w/Brake
11A	HC150736	Nut - Lock Conduit 1-1/4 (for Casters)
12	HC121190	Panel - Assy. Front
12A	HC199016	Grommet - Rubber 5/8 ID (Not shown)
13	HC140941	Panel - Front Louvered
14	HC196270	Tray - Drip 22 in Black
15	HC121286	Insert - Assy. Drip Tray
	HC199030	Bumper - Rubber
16	HC121290	Trimstrip - Assy. W/EF Decal (SLX400E & SLX500)
	HC141240-02 ...	Panel - Trimstrip Upper SST
	HC164225-07	Decal - Trimstrip EF Logo
16A	HC121275	Trimstrip - Assy. W/O EF Decal (SLX500)
	HC141240	Panel - Trimstrip Upper SST
	HC160530	Gasket - Trimstrip
17	HC141294	Panel-Dispense
18	HC141307	Panel-Side

Not Shown:

HC150648 Cord - Molded 12-3 Black/White/Green (Model SLX400E Only)

Panel Decals & Labels	
Part No.	Description
HC164034	Beater Installation
HC165025-02	Beater Warning Black
HC165025-01	Beater Warning Twist
HC164221	Cleaning Instruction
HC165126	Panel Removal
HC169053	Ventilation 6" RR
HC141304-02	Decal - Wiring Diagram 1ph 50Hz

Figure 10 Assembly View



M02037

Figure 10 Assembly View

Item	Part No.	Description	Item	Part No.	Description
1	HC121076-01 ..	Tube - Assy. Mix Feed (See Fig. 4)	or	HC121257	Compressor - Assy 208-230/3/60
or	HC121076	Tube - Assy. Mix Feed (See Fig. 4)			ZS15KAE (SLX500) includes
2	HC155490	Valve - Automatic Expansion (Cyl.)			compressor and
3	HC165531	Insulator - Expansion Valve			HC155638 Bushing
4	HC155395	Valve - Solenoid Body 3/8 ODM (Cyl.)			HC155054 Drier - Filter
4A	HC151477	Coil - Solenoid 208-240v MKC-1TS	17	HC155029	Condenser - Water (WC)
5	HC151151	Motor - 1 HP 208-230/1/60 (SLX400)	18	HC151017-01 ..	Motor - Fan 5W 230V w/plug (WC)
		(Includes drive key, start and run capacitors)	19	HC159032	Blade - Fan 6" 20° (WC)
or	HC151159	Motor - 1 HP 208-230/1/60 Bluffton (SLX400E High Efficiency)(Includes drive key, start and run capacitors)	20	HC155139	Condenser - Air 8x8 (WC)
or	HC121258	Motor - Assy 208-230/1/60 includes motor, start capacitor and drive key (SLX500)	21	HC155141	Condenser - Air (AC)
		HC150318 Capacitor - Run	22	HC151080-03 ..	Motor - Fan 35w Enclosed
or	HC151052-01 ..	Motor - 2 HP 208/230/460-3-60 (SLX500)			230/1/60 w/plug (AC)
6	HC153648-01 ..	Sheave - 14mm Bore 3.70 PD 3.95 OD (400SLX)	23	HC159017	Blade - Fan 10 in 36 Deg. (AC)
or	HC153612-01 ..	Sheave - 18mm Bore, 3.50 PD, 3.75 OD (500SLX)	24	HC155071	Receiver - 3 lb. 3/8 ID Sweat w/o valve
7	HC153173	Belt - V (SLX400)(A Side)	25	HC155054	Drier - Filter 16 cu. in.
or	HC153183	Belt - V (SLX500) (A Side)	26	HC153386	Reducer - Gear STM
8	HC153634	Sheave - 5/8 Bore 3.05 OD 2.8 PD (400SLX)			UI-50-FB-RH 7:1 (SLX400)
or	HC153620	Sheave - 7/8 Bore, 3.05 OD, 2.80 PD (500SLX)	or	HC153385	Reducer - Gear RH 7/1 STM
9	HC155059	Glass - Sight			UI-63-FB (SLX500)
10	HC113769	Valve - Assy. Water	27	HC153376	Reducer - Gear STM
		HC155410 Valve - Water			UI-50-FB-LH 7:1 (SLX400)
10A ..	HC155444	Kit - Water Valve Repair	or	HC153375	Reducer - Gear LH 7/1 STM
11	HC120927	Kit - Hopper Compressor includes compressor and			UI-63-FB (SLX500)
		HC155498 Drier - Filter w/access	28	HC121200	Coupling - Assy. 7/8 Drive
12	HC155459	Glass - Sight	29	HC155701	Cut Out - Low Pressure
13	HC155642	Tube - Capillary w/ Strainer	30	HC155702	Cut Out - Hi Press 375 PSI (WC)
14	HC155394	Valve - Solenoid Body 1/4 ODM (Hopper)	or	HC155405	Cut Out - Hi Press 450 PSI (AC-SLX500)
14A ..	HC151477	Coil - Solenoid 208-240v MKC-1TS	31	HC153103	Belt-V - AX-34 (SLX400) (B Side)
15	HC155498	Drier - Filter w/Access	or	HC153170	Belt-V (SLX500) (B Side)
16	HC121255	Compressor - Assy 208-230/1/60 ZS09KAE (SLX400 Series) includes compressor and	32	HC121238	Tube - Assy. Drain (SLX400)
		HC155638 Bushing	or	HC121239	Tube - Assy. Drain (SLX500)
		HC150244 Capacitor - Run			
		HC155054 Drier - Filter			
or	HC121256	Compressor - Assy 208-230/1/60 ZS15KAE (SLX500) includes compressor and			
		HC155638 Bushing			
		HC151491 Capacitor - Run			
		HC155054 Drier - Filter			

Not Shown:

HC161212-01	Sensor - NTC Temp 10K w/Molex (Cylinder)
HC161216-01	Sensor - Temp 10K w/Molex (Hopper)
HC151492	Plug - Molded ZS Compressor

A is left side when facing front of freezer.
B is right side when facing front of freezer.

AC = Air Cooled
WC = Water Cooled

Accessories

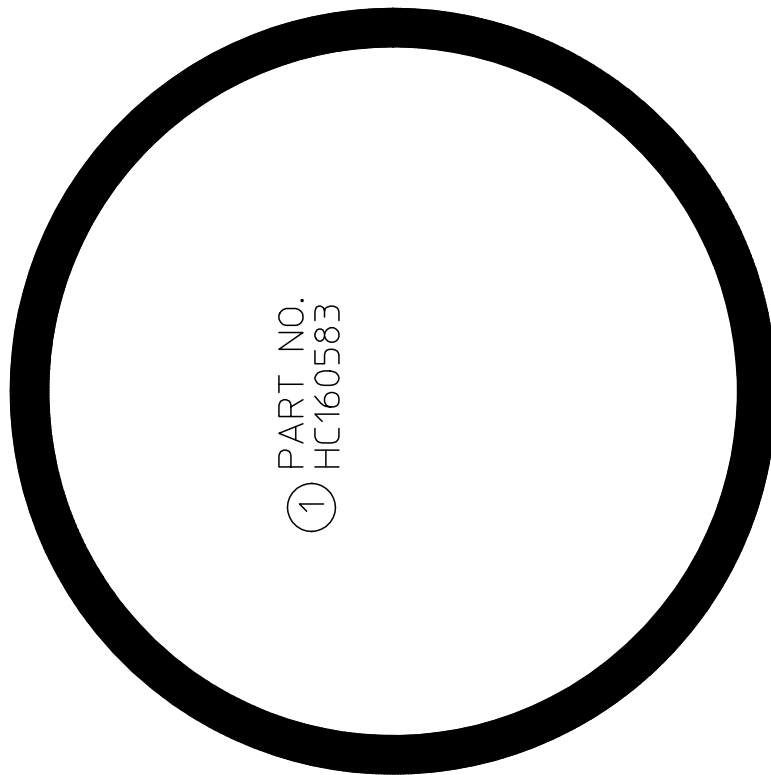
Part No.	Description
HC196103	Bottle - Wash 500 ml
HC158009	Brush - 4 in. w/o handle (Handle p/n HC158012)
HC158003	Brush - 7/16 & 1-1/8 Double End
HC158077	Brush - 9/16 in w/36 in. handle
HC162105	Caster - 1-1/4 ST PT w/brake
HC162106	Caster - 1-1/4 ST PT w/o brake
HC184294	Chart - O-ring EF Gravity SS (Laminated)
HC196298	Cover - Hopper
HC158012	Handle - Brush Fiberglass (Brush p/n HC158009)
HC158000A	Lubricant - Petro-Gel 4 oz. tube
HC196185	Nozzle - Serrated Six Point
HC150736	Nut - Lock Conduit 1-1/4 (Casters)
HC158013	Sanitizer - Stera Sheen (Sample)
HC158014	Sanitizer - Stera Sheen (Per case/4 jars)
HC158014A	Sanitizer - Stera Sheen (Per 4 lb. jar)
HC158049	Scale - Overrun
HC184586	Sheet - Clean & Sanitize SLX400/SLX500
HC169374	Tool - O-ring Removal
HC196270	Tray - Drip 22 in. Black

HC184294

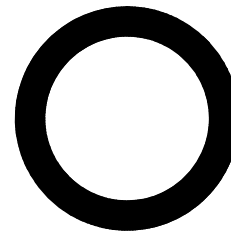
GRAVITY SOFT SERVE DISPENSING HEAD

REV 01

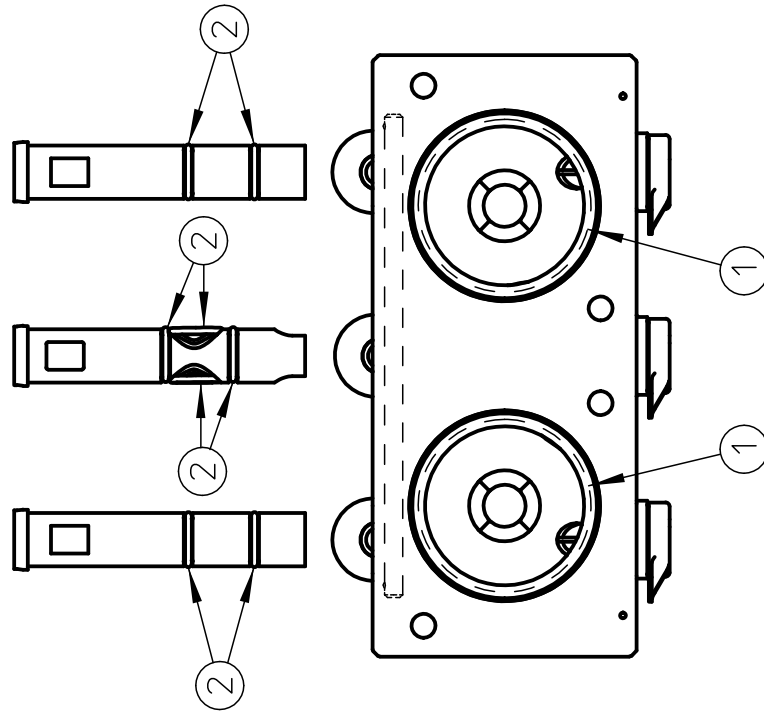
ELECTRO FREEZE Soft Serve Models SLX400E, SLX500



① PART NO.
HC160583



② PART NO.
HC160501



O-RING CHART

PH. NO. 309-755-4553

H.C. DUKE & SON, LLC

HC184294

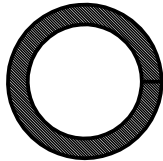
MIX FEED REGULATOR

REV 01

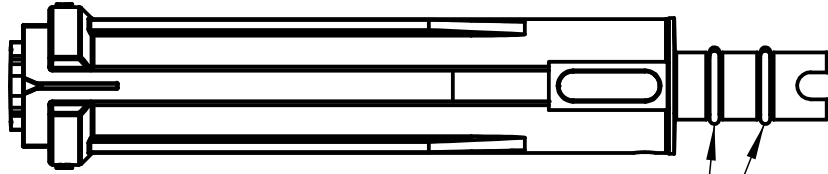
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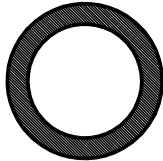
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HC160502



PLASTIC



② PART NO.
HC160502



O-RING CHART

PH. NO. 309-755-4553

H.C. DUKE & SON, LLC