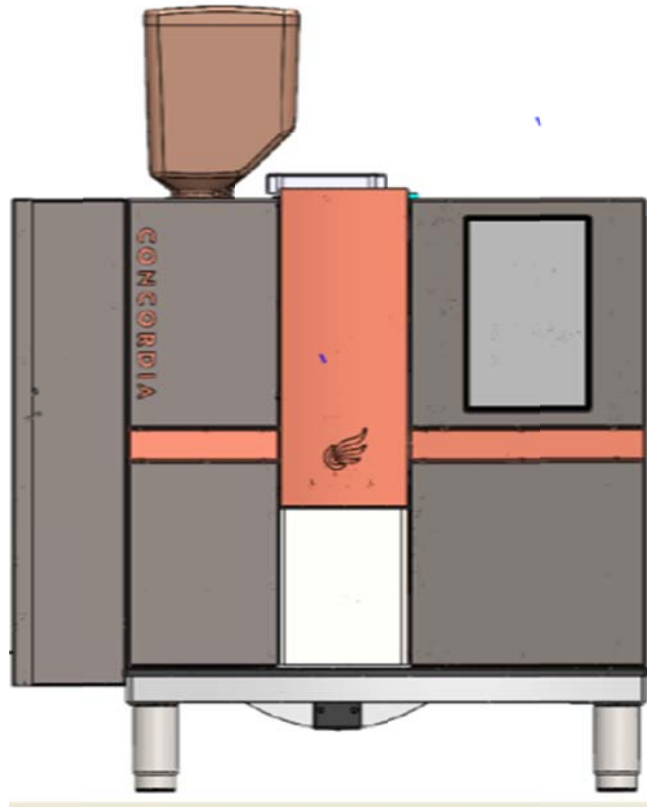




Parts Manual

Section 15:

1. Recommended Tools List
2. Parts Lists and Diagrams
3. For Machines 99614 and 99615

CONCORDIA

BEVERAGE SYSTEMS

TECHNICAL SUPPORT

Recommended Tools List

Standard Tools

3" Socket extension 1/2" drive	Jeweler's Screwdriver
Complete set of Allen wrenches in metric/ASE	Snap-ring Pliers
11/32" Nut driver or socket	7/16" Wrench
1/4" Drive Socket wrench w/extension & universal joint	Torque wrench, up to 30 FP & Driver 10 CBS
3/32" Ball Driver	1/2" Wrench
#2 Phillips Screwdriver – 4"	9/16" Wrench
#2 Phillips Screwdriver – 10"	5/8" Wrench
#2 Flat Screwdriver	11/16" Wrench
Angled Driver – Skew driver®	¾" Wrench
#2 Phillips Bit – 1/4" drive	11/32" Wrench
4mm Bit – 1/4" drive	10mm Wrench
Needle Nose Pliers	1.5" Socket
10" Channel locks®	Digital Thermometer
Combo Crimper/Stripper Tool	ESD Mat and Strap
6" Snippers/Flush Cutters	Socket adapter 1/2"F x 3/8M
Socket Wrench 1/2" drive	3/8" Wrench
#2 Square drive	Clamps

Concordia Stocked Tools

	CONCORDIA PART NUMBER
Pin Removal AMP – Medium	4100-003
Group Motor Removal Tool	4100-014
Small Pin Remover	4100-016
Temperature Probe	4300-010

Service Items

	CONCORDIA PART NUMBER
Heat sink compound	3900-003
Super lube grease	92003
Teflon tape – 1/4" & 1/2"	3300-013
Ty-Wrap (100)	1454-014
RTV silicone seal	3200-003
Test strips	3400-017
Test strips bottle	3400-018
Steam wand clean tablets	3400-038
Brush	3900-001
Air filter	1120-362
Beaker Green #1 Clean cup	3400-032
Beaker Red #2 Clean cup	3400-033
Beaker Black Clean cup	3400-034

Parts Lists and Diagrams

1	Machine Overview
2	Refrigerator Door Assembly XT
3	Grounds Bin Door
4	Top Panel
5	Grinder Assembly
6	Grinder Adjust Assembly
7	Product Delivery Assembly
8	Product Delivery Assembly Non Syrup
9	Assembly Bean Hopper
10	Assembly Group / Water Tank XT
11	Assembly Group XT
12	Group Upper Piston XT
13	Assembly Drive Upper Piston
14	Assembly Lower Piston
15	Assembly Motor Drive / Gear Box
16	Milk Pump
17	Refrigeration Unit Assembly
18	Chocolate Syrup Delivery Systems
19	Refrigerator Cooling Assembly
20	Delivery System Syrup Systems
21	Delivery System Side Mount Syrup
22	System Side Mount Panels
23	Delivery System Side Mount Syrup
24	Water / Steam Gauge / Air Assembly
25	Steam Tank
26	Hot Water Tank
27	Water Pump and Motor
28	Drain Valve Assembly
29	Back Plane PCB
30	CPU Assembly
31	DC Supply PCB
32	AC Drawer

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Diagram 1: Machine Overview

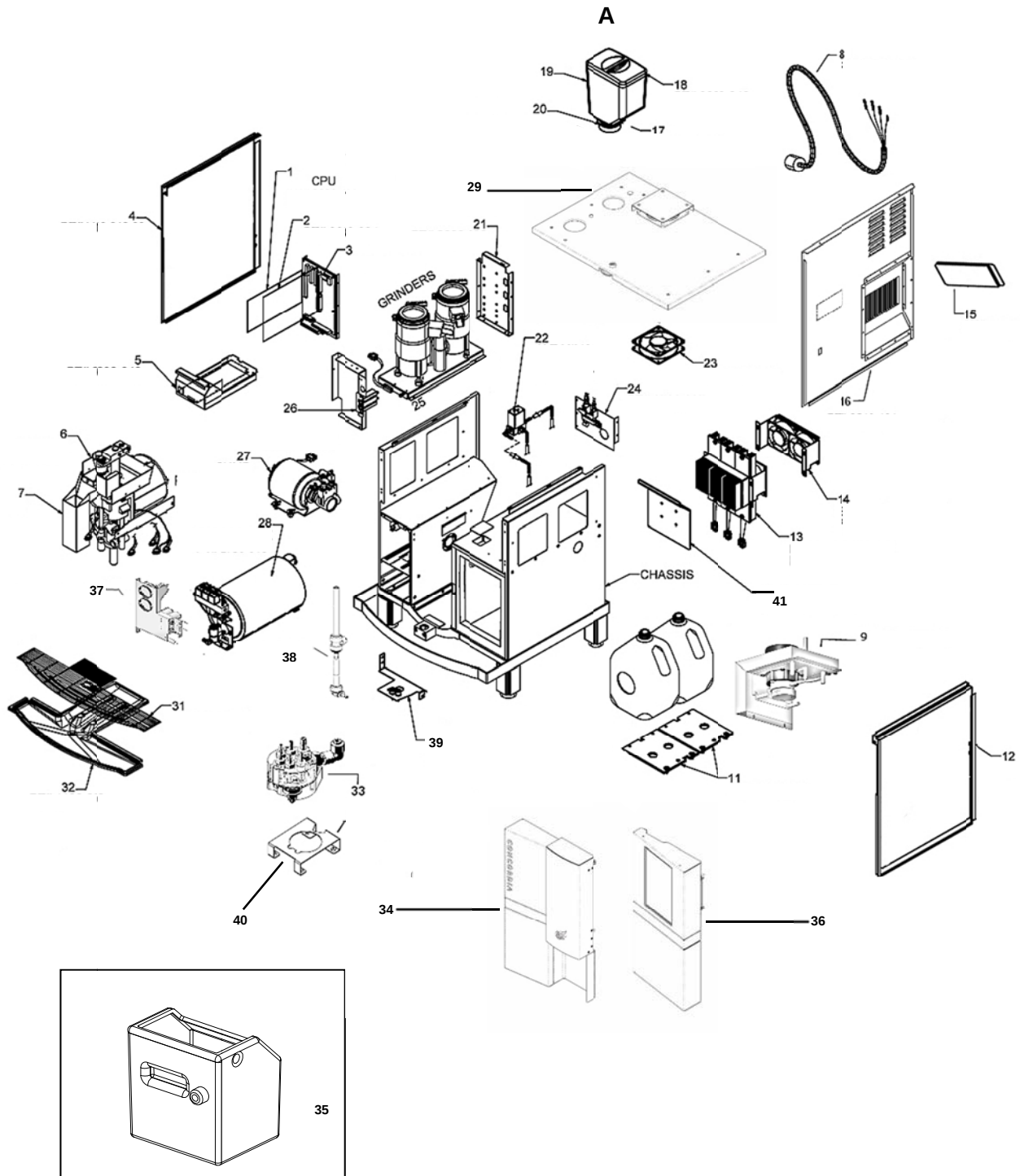


Diagram 1, Parts List: Machine Overview

Diagram 1 Item #	Description	Available	Concordia Part Number
1	ASSY CPU (always provide serial #)		2630-118
2	ASSY – DC SUPPLY		2630-034
3	ASSY- BACK PLANE		2630-019
4	PNL SIDE LEFT BRONZE XT		1110-848-01
5	ASSY AC DRWR SGL PHASE		2630-049
6	ASSY GRP/TANK NI XT		2130-031
7	CHUTE DREGS 2000 NSF		1110-335
8	ASSY PWR CORD 4 COND STD		2670-120
9	ASSY MILK PUMP XT		2340-130
11	ASSY WEIGHT TRAY SMALL		2310-027
12	PNL SIDE RIGHT BRONZE XT		1110-849-01
13	ASSY RFR MODULE XPRESS		2320-036
14	ASSY FRIDGE EXT FAN X6		2310-043
15	FILTER AIR XPRESS		1120-362
16	ASSY BACK PANEL XT		2510-184
A	ASSY BEAN HOPPER		2230-010
17	O-RING BEAN HOPPER		1260-090
18	LID HOPPER		2220-040
19	HOPPER		2220-039
20	STOPPER HOPPER		1120-486
21	ASSY PLATE REAR GRIND/SSR		2630-028
22	ASSY ALT MILK		2340-131
23	EXHAUST FAN- 24VDC		2510-044
24	ASSY BRIDGE WEB		2720-067
25	ASSY GRINDER DUAL XT		2230-017
26	ASSY-GRINDER DBL-ADJUST		2230-008
27	ASSY WTR PMP NI		2710-024
28	ASSY TANK STEAM		2730-050
29	ASSY TOP PANEL XT		2510-172
31	GRATE DRAIN TRAY XT		1110-871
31	GRATE DRAIN XT		1110-966
32	TRAY DRAIN XT		1120-125
33	ASSY SYRUP MANIFOLD		2790-197
34	ASSY BIN DOOR XT		2510-142
35	ASSY GROUNDS BIN		2220-041
36	ASSY FRIDGE DOOR XT		2510-148
37	ASSY GAUGE/AIR XT		2510-271
38	ASSY MLK/STM PLUMBING		2790-199
39	BRKT PROD DELIVERY XT		1111-188
40	BRKT SYRUP DISPENSE XT		1111-189
41	ASSY-DEFLECTOR-INT FRIDGE		2310-033
Not Shown	Assy Dregs Bin Switch XT		98071
Not Shown	ASSY FAN HEATER SYRUP CABNET		2320-040

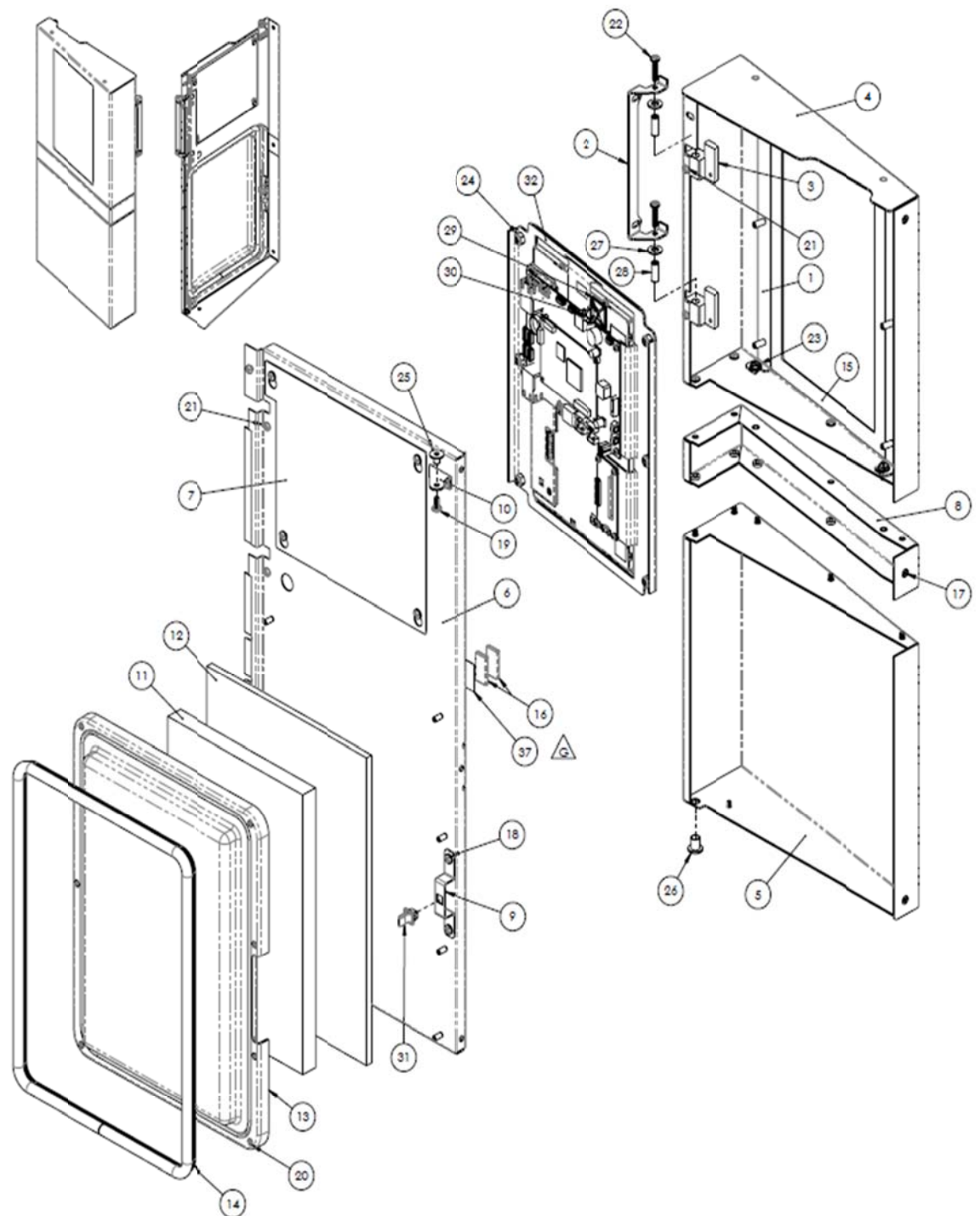
Diagram 2: Refrigerator Door Assembly

Diagram 2, Parts List: Refrigerator Door Assembly

Diagram 2 Item #	Description	QNTY	Concordia Part Number
	REFRIGERATOR DOOR ASSY XT	1	2510-148
1	STRUT TOUCHSCREEN XT	2	1110-878
2	BRKT HINGER RT DOOR XT	1	1110-962-2
3	BLOCK HINGE UPR RFR DR XT	2	1110-964
4	PNL UPR RFR DR XT	1	1110-969-01
5	PNL LWR RFR DR XT	1	1110-972-01
6	PNL BACK RFR DR XT	1	1111-003
7	COVER TOUCHSCREEN PCA XT	1	1111-004
8	PNL MID RFR DR XT	1	1111-183-02
9	BRKT LATCH RFR DR XT	1	1111-187
10	BRKT LOCK RFR DR PIN XT	1	1111-191
11	INSUL FR DOOR .63" THICK	1	1120-088
12	INSUL FR DOOR .30" THICK	1	1120-093
13	LINER RFR DOOR XT	1	1120-126
14	SEAL EXTRUSION RFR DR	1	2310-038
15	SEAL BEZEL TOUCHSCREEN XT	1	1260-151
16	MAGNET DOOR	2	1311-027
17	PH PHIL MS SS UCT 6-32 X ¼	4	1410-002
18	PH PHIL SS 8-32 X 1/4	15	1410-010
19	PH PHIL SS 8-32 X 3/8	3	1410-069
20	SCREW-FH PHIL MS-UCT 4-40X1/4	7	1410-087
21	PH PHIL MS SS 6-32 X 3/8	5	1410-107
22	PH PHIL SS 8-32 X 3/4	2	1410-126
23	WH HEX SS 10-32 X .375	2	1410-156
24	NUT HEX NYLOC 10 X 32	8	1420-033
25	NUT WELD 8-32	1	1420-040
26	WSHR SHLDR	1	1430-025
27	WSHR-FLAT 1/2	2	1430-026
28	SPCR NYL 8-32 X ¼ ODX3/4L	2	1451-055
29	TY RAP ANCHOR	1	1454-013
30	TY RAP 8"	1	1454-014
31	STRIKE FASTEX	1	1456-024
32	TOUCHSCREEN CHASSIS XT	1	2640-120
33 NS	CBL SERIAL MACHINE SIDE XT	1	2670-085
34 NS	CBL SERIAL RFR DR SIDE XT	1	2670-364
35 NS	CBL USB	1	2670-365
36 NS	SW UI XT	0	2820-054
NS	Touchscreen Assembly XT		2640-120

Diagram 3: Grounds Bin Door

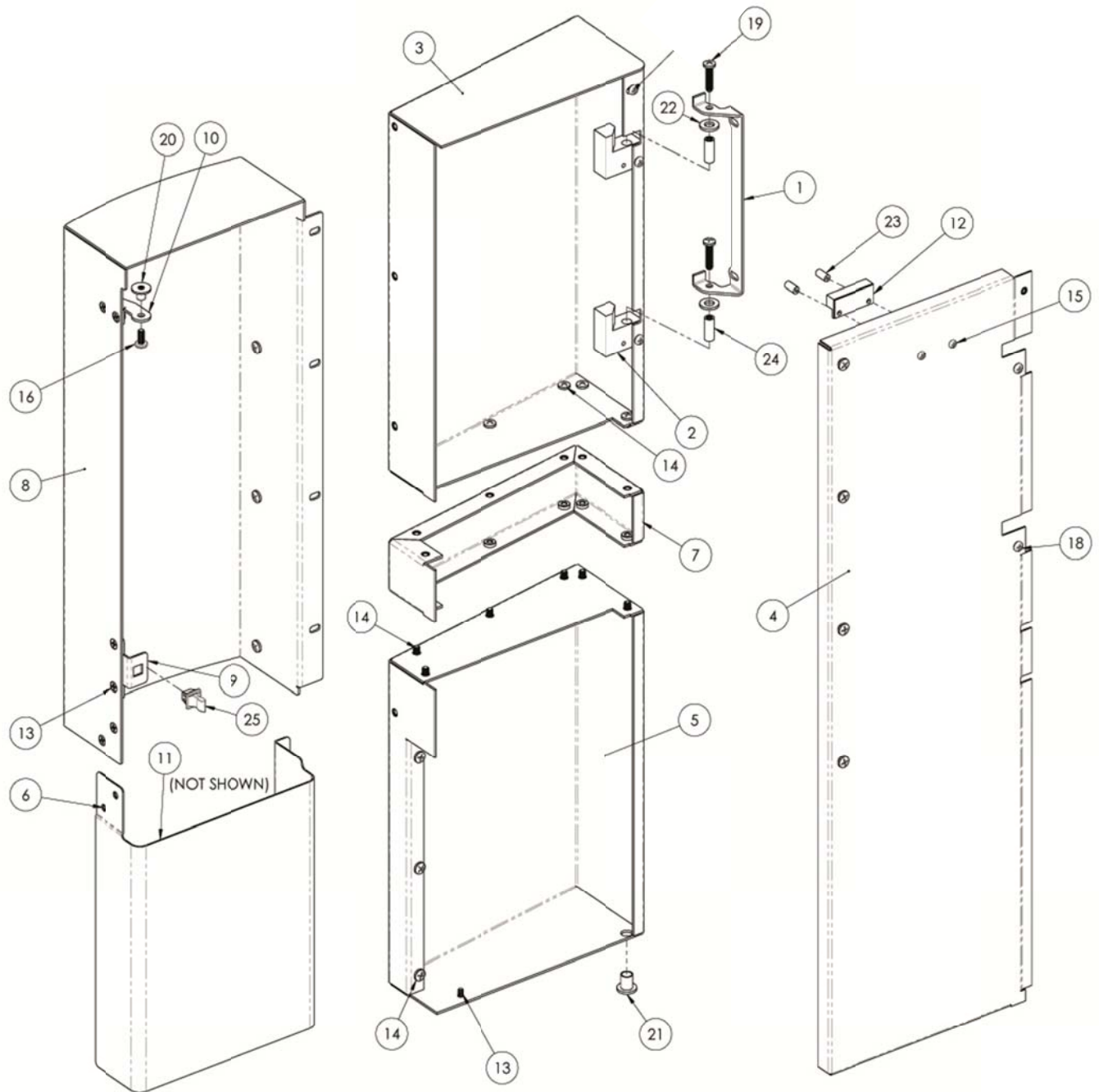


Diagram 3, Parts List: Grounds Bin Door

Diagram 3 Item #	Description	QNTY	Concordia Part Number
	GROUND'S BIN DOOR	1	2510-142
1	BRKT HINGE LT DOOR XT	1	1110-962-1
2	BLOCK HINGE UPR BIN DR XT	2	1110-963
3	PNL UPR BIN LT DR XT	1	1110-967-01
4	PNL BACK BIN DR XT	1	1110-968
5	PNL LWR BIN LT DR XT	1	1110-971-01
6	PNL LWR BIN RT DR XT	1	1111-174
7	PNL MID BIN LT DR XT	1	1111-176-02
8	PNL UPR BIN RT DR XT	1	1111-180-02
9	BRKT LATCH BIN DR XT	1	1111-186
10	BRKT LOCK BIN DR PIN XT	1	1111-190
11	TRIM 3/8 EDGE RUBBER BLK	5	1240-078
12	MAGNET ONLY	1	1311-002
13	PHIL MS SS UCT 6-32 X ¼	7	1410-002
14	PH PHIL MS SS 8-32 X ¼	23	1410-010
15	PH PHIL MS SS 4-40x1/4	2	1410-065
16	PH PHIL SS 8-32 X 3/8	1	1410-069
17	REMOVED	0	
18	PH PHIL MS SS 6-32 X 3/8	5	1410-107
19	PH PHIL SS 8-32 X ¾	2	1410-126
20	NUT WELD 8-32	1	1420-040
21	WSHR SHLDR 3/8 X .513 X .312	1	1430-025
22	WSHR FLAT 1/2X.257X.062	2	1430-026
23	SPACER .187RND 4-40X.375L	2	1451-035
24	SPCR NYL 8-32X1/4ODX3/4L	2	1451-055
25	STRIKE FASTEX	1	1456-024

Diagram 4: Top Panel

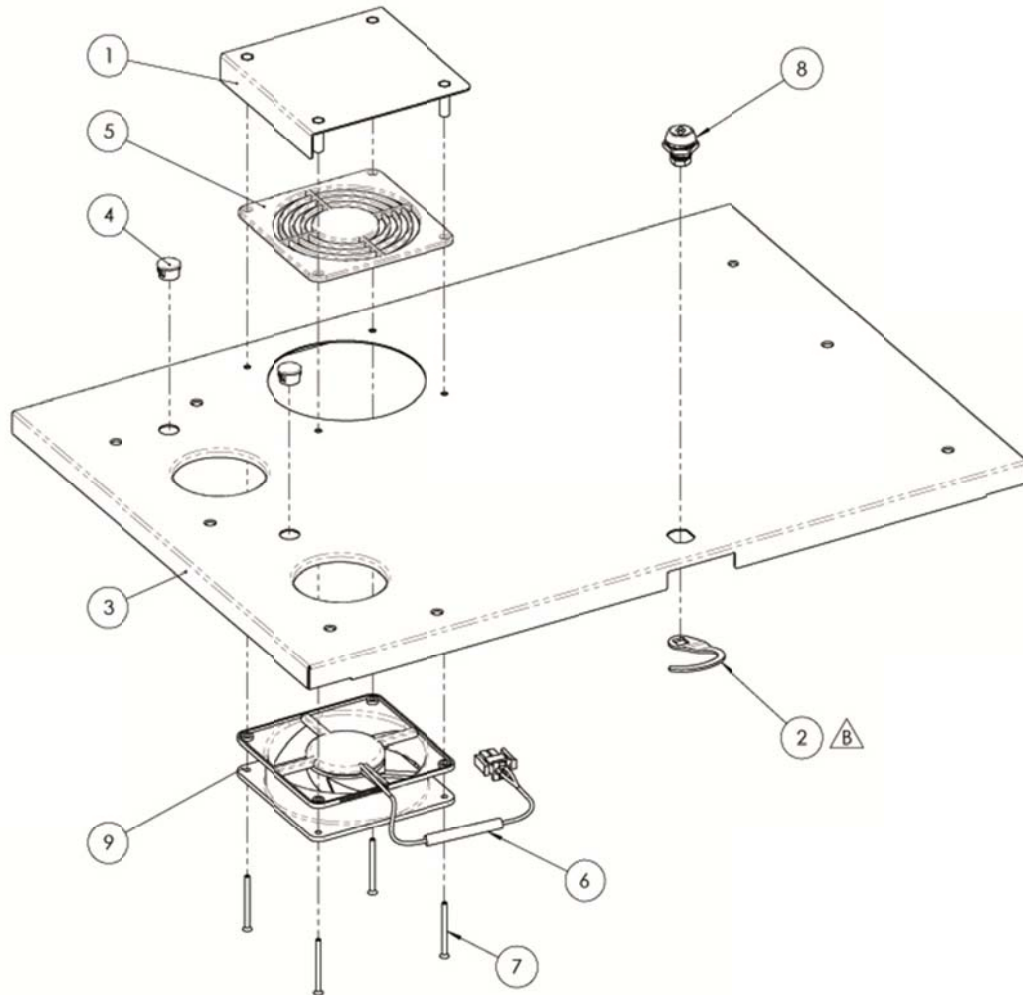


Diagram 4, Parts List: Top Panel

Diagram 4 Item #	Description	QNTY	Concordia Part Number
	ASSY-PNL-TOP-MAIN	1	2510-172
1	PNL TOP COVER XT	1	1110-861-01
2	HOOK CAM LATCH XT	1	1110-965
3	PNL TOP BRONZE XT	1	1111-173-01
4	PLUG HOLE COVER .562	2	1240-045
5	GUARD FAN THRU HOLE	1	1330-007
6	TUBE HEAT SHR 1/8 CLR	4	1383-002
7	FH PHIL SS 6-32 X 2	4	1410-134
8	LOCK DOOR XT	1	1456-019
9	EXHAUST FAN- 24 VDC	1	2510-044

Diagram 5: Grinder Assembly

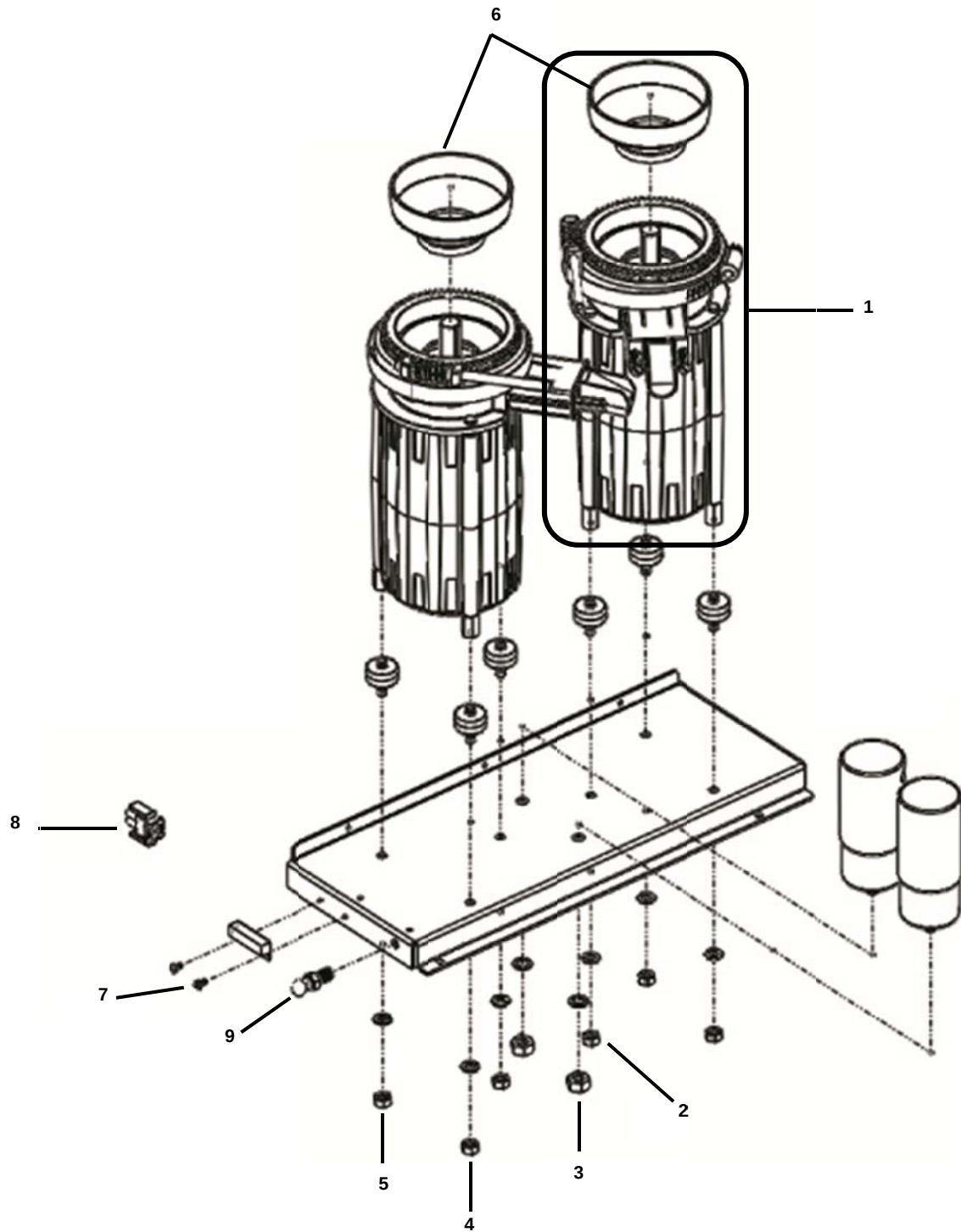


Diagram 5, Parts List: Grinder Assembly

Diagram 5 Item #	Description	QNTY	Concordia Part Number
1	ASSY GRINDER EMV-64/2	1	2230-108
	ASSY GRINDER DUAL XT	DUAL	2230-107
2	WSHR SPLIT LOCK SS M8	2	1430-024
3	NUT HEX SS M8	2	1420-029
4	WASH LOCK LWR PISTON M6SS	6	2120-056
5	NUT HEX SS M6	6	2120-054
6	FUNNEL XT GRINDER	2	1120-489
7	PH PHIL MS SS 4-40x1/4	2	1410-065
8	ASSY-SWITCH-MAG-4	1	2510-027
	CAPS	n/a	

Diagram 6: Grinder Adjustment Assembly

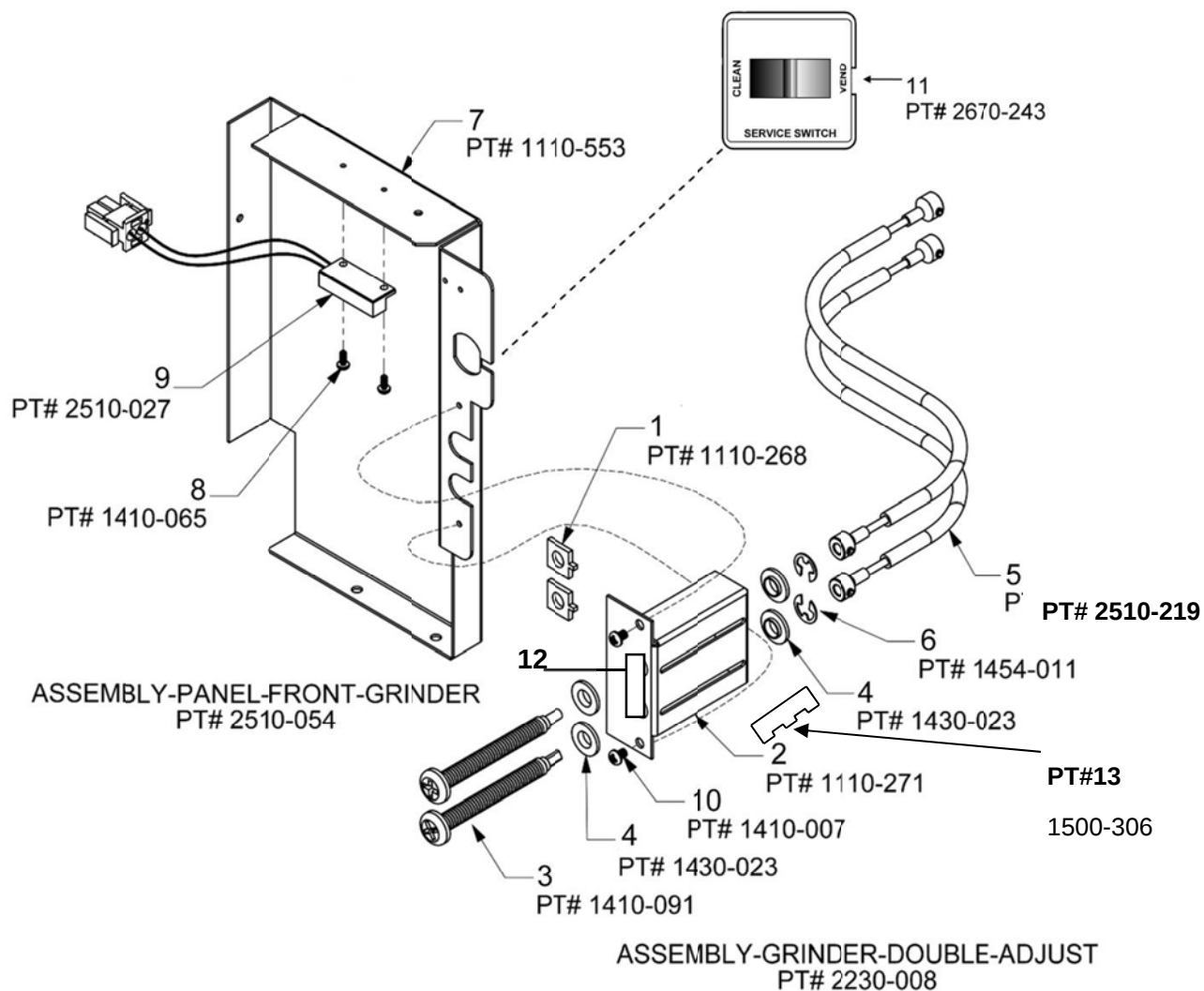


Diagram 6, Parts List: Grinder Adjustment

Diagram 6 Item #	Description	QNTY	Concordia Part Number
	ASSY- GRINDER DBL- ADJUST	1	2230-008
1	NUT INDICATOR GRIND ADJ	2	1110-268
2	PNL GRINDER ADJUSTMENT	1	1110-271
3	CUSTOM GRINDER ADJUST	2	1410-091
4	WSHR SHLDR NYLON 5/16-4	4	1430-023
5	ASSY FLX SHFT GRIND ADJ	2	2510-219
6	CLIP E LWR PISTON	2	1454-011
7,8,9	ASSY PNL FNT GRIND	1	2510-054
7	PNL GRIND FRONT CN	1	1110-553
8	PH PHIL MS SS 4-40x1/4	1	1410-065
9	ASSY- SWITCH- MAG- 4	1	2510-027
10	PH PHIL MS SS 6-32 X 1/4	2	1410-007
11	CABLE MENU SWITCH	1	2670-243
12	LBL GRNDR ADJ VRT	1	1500-305
13	LBL GRNDR ADJ HRZ	1	1500-306

Diagram 7: Assembly Product Delivery

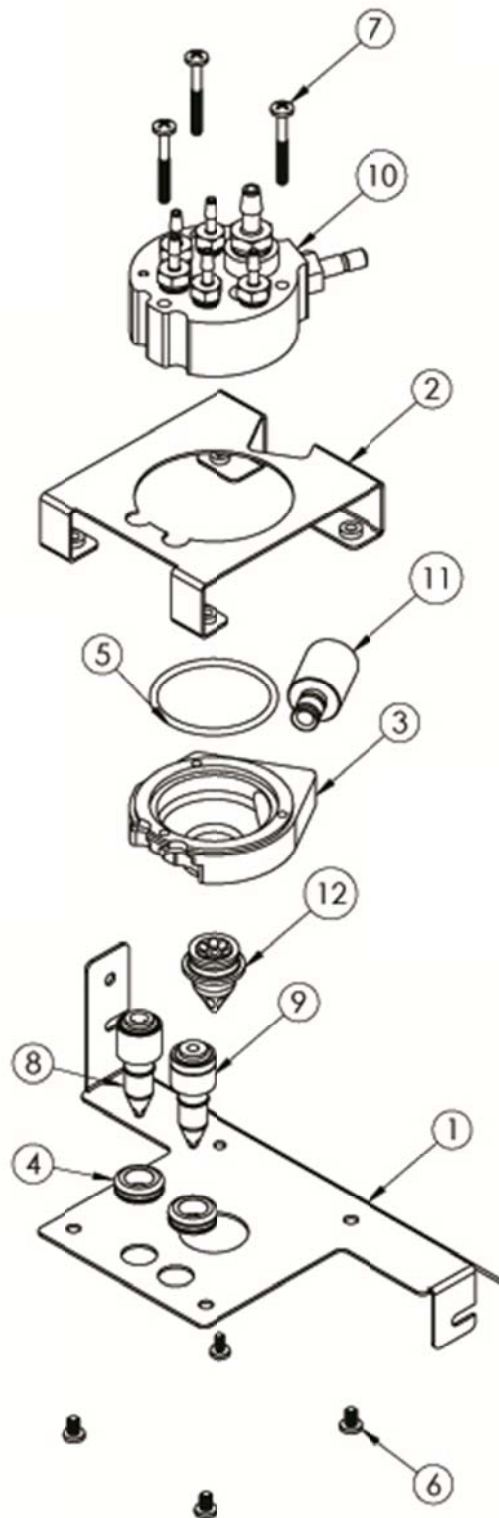


Diagram 7, Parts List: Assembly Product Delivery Syrup

Diagram 7 Item #	Description	QNTY	Concordia Part Number
	ASSY PROD DELELIVERY SYRUP	1	2790-126
1	BRKT PROD DELIVERY XT	1	1111-188
2	BRKT SYRUP DISPENSE XT	1	1111-189
3	BOWL MILK MAN	1	1120-352
4	GROM 13/32 ID X 1/2 OD X 1/16	2	1260-081
5	O-RING – 130 BOWL IBS6P	1	1260-114
6	PH PHIL MS SS 8-32 X 1/4	4	1410-010
7	PH PHIL SS 8-32 X 1-1/4	3	1410-075
8	ASSY- NOZZLE- HOT WATER	1	2790-089
9	ASSY- NOZZLE- ESPRESSO	1	2790-090
10	ASSY SYRUP MANIFOLD	1	2790-197
11	ASSY ADAPT BOWL	1	2790-208
	ADAPTER MILK BOWL		1120-357
	HALF CARTRIDGE 1/4		1232-099
	O-RING .010 ADAPTR		1260-115
12	ASSY PROD NOZZLE	1	2790-209
	NOZZLE MILK DEL		1120-356
	O-RING MILK VLV-NOZZLE		1260-032

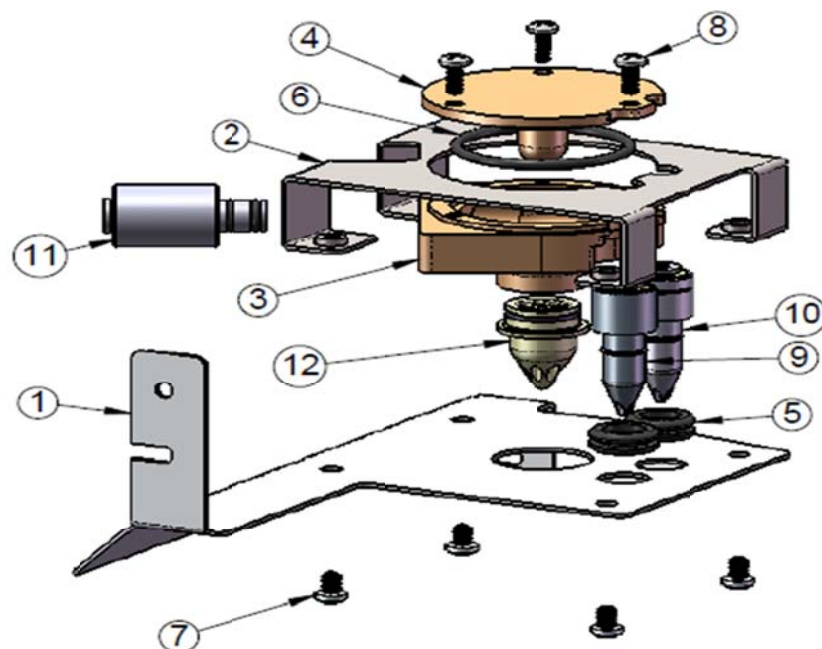
Diagram 8, Product Nozzle Non Syrup**Diagram 8, Parts List: Product Nozzle Non Syrup**

Diagram 8 Item #	Description	QNTY	Concordia Part Number
	ASSY PROD DEL NON SYRUP	1	2790-216
1	BRKT PROD DELIVERY	1	1110-840
2	BRKT SYRUP DISPENSE	1	1110-841
3	BOWL MILK MAN	1	1120-352
4	COVER BOWL MILK	1	1120-366
5	GROM 13/3ID X1/2GDX1/16	2	1260-081
6	O-RING-130 BOWL	1	1260-114
7	PH PHIL SS 8-32 X 1-1/4	4	1410-010
8	PH PHIL SS 8-32 X 3/8	3	1410-069
9	ASSY- NOZZLE HOT WATER	1	2790-089
10	ASSY-NOZZLE ESPRESSO	1	2790-090
11	ASSY ADAPT BOWL	1	2790-208
12	ASSY PROD NOZZLE	1	2790-209

Diagram 9, Parts List: Assembly Bean Hopper

Diagram 9 Item #	Description	QNTY	Concordia Part Number
	ASSY BEAN HOPPER	1	2230-010
1	STOPPER HOPPER	1	1120-486
2	O RING BEAN HOPPER	1	1260-090
3	LBL HOPPER REG	1	1500-342
4	HOPPER	1	2220-039
5	HOPPER LID	1	2220-040
6	HOPPER EXTENSION	OPTION	2220-042

Diagram 9, Assembly Bean Hopper

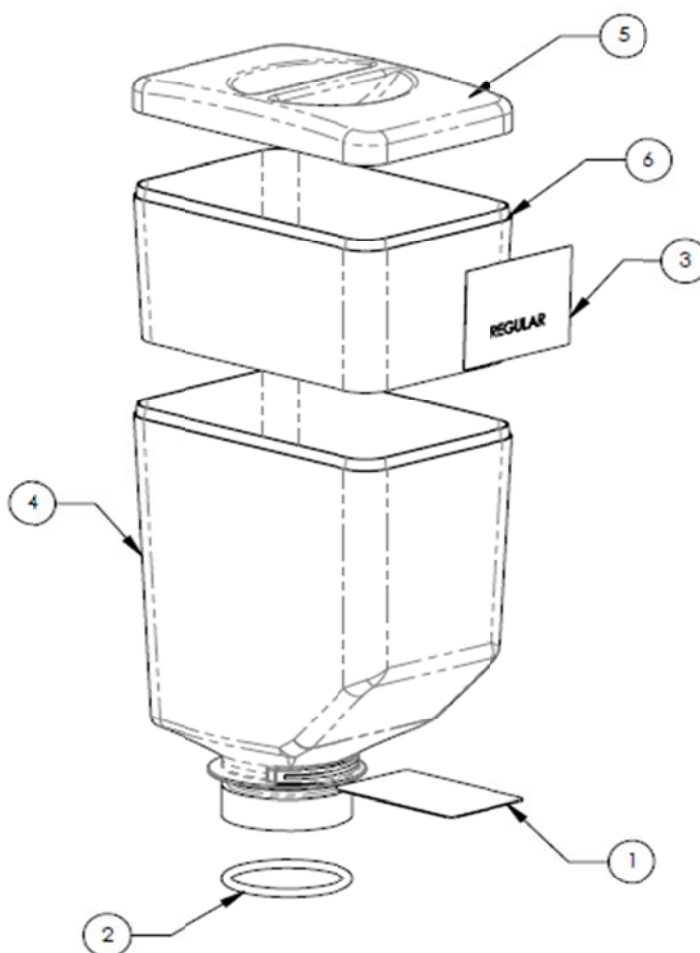


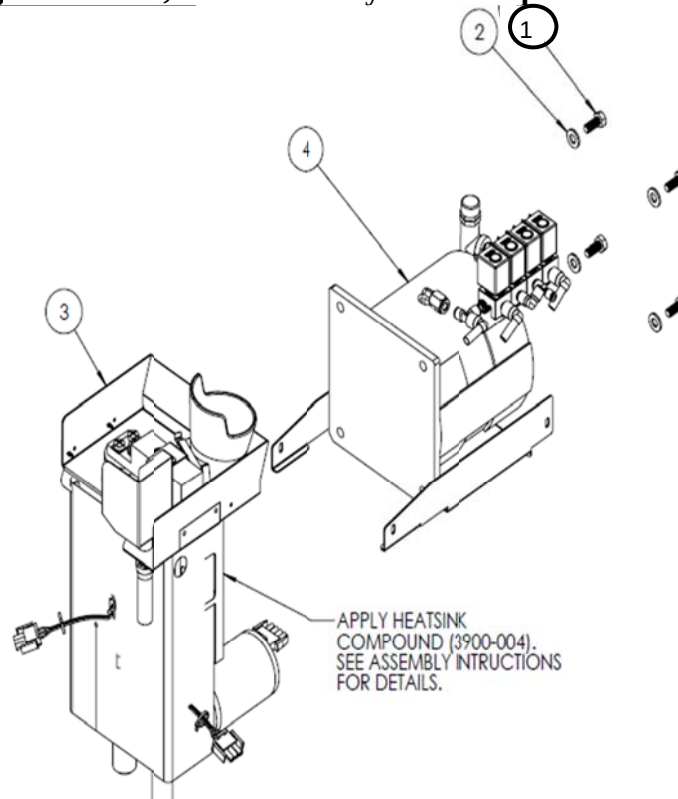
Diagram 10, Assembly Group/Water Tank**Diagram 10, Parts List: Assembly Group Water Tank**

Diagram 10 Item #	Description	QNTY	Concordia Part Number
	ASSY GRP / TANK XT	1	2130-031
1	BOLT HEX SS 5/16 – 18 X 3/4	4	1410-079
2	WSHR FLAT SAE SS 5/16	4	1430-016
3	ASSY GROUP XT	1	2130-033
4	ASSY TANK WATER	1	2720-068

Diagram 11, Assembly Group XT

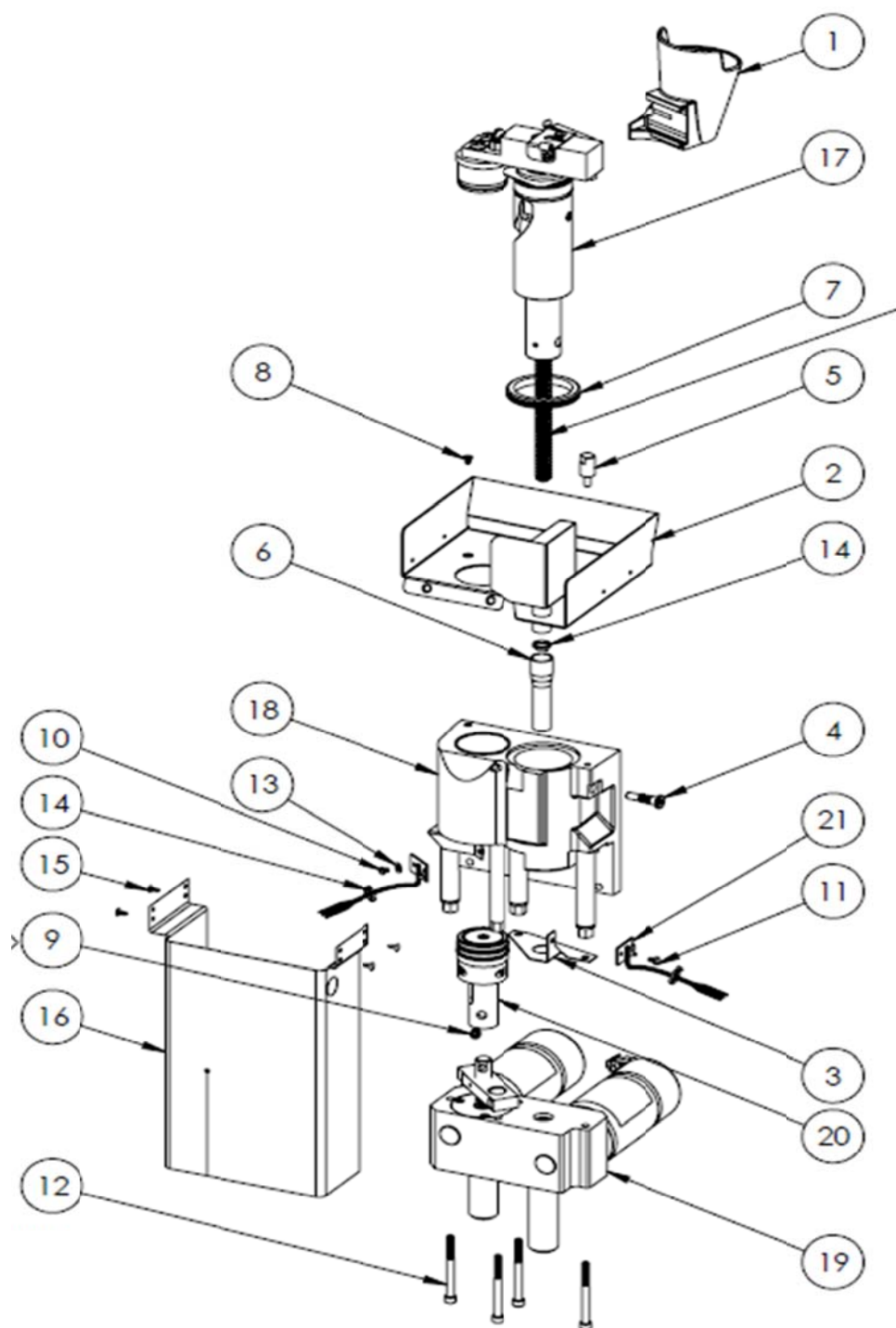


Diagram 11, Parts List: Assembly Group XT

Diagram 11 Item #	Description	QNTY	Concordia Part Number
	ASSY GROUP XT	1	2130-033
1	FUNNEL GROUNDS XT	1	1110-357
2	PLATE GROUP TOP	1	1110-384
3	BRKT GRP UPR HALL XT	1	1110-983
4	BOLT CAM TUBE XPRESS	1	1110-984
5	BOLT UPR PISTON STOP XT	1	1110-985
6	TUBE PVC 1.2ID X 5.8OD	14.75 in	1250-011
7	SEAL GROM BREW CAST NSF	1	1260-051
8	FH PHIL SS 6-32 X ¼ SS	1	1410-003
9	SOC CAP M6 X 65	1	1410-070
10	PH PHIL SS 6-32 X 3/16	1	1410-094
11	HEX SS 6-32 X 1/4	1	1410-256
12	SOC CAP M6 X 65	4	1410-261
13	WASHER FLAT SS #6	1	1430-009
14	TY RAP 8"	3	1454-014
15	BUTTON MINI MOUNT NYLON	1	1454-032
16	CURTAIN SHOWER 11 X 12	1	2130-005
17	ASSY DRV UPR PIST SHAFT XT	1	2130-032
18	ASSY BRW CHAMBR XT	1	2130-034
19	ASSY MTR/GEAR BOX XT Includes*	1	98045*
	ROD BREW GRP GUIDE XT	1	1111-009*
	SCO CAP SS M5 X 8	1	1410-070*
	ASSY MTR/GEAR BOX	1	2130-036*
	GEARBOX ONLY USE W/NEW MOTORS	1	2130-037*
	ASSY UPPER GROUP MOTOR RIGHT	1	2130-038*
	ASSY LOWER GROUP MOTOR LEFT	1	2130-039*
	INSTRUCTIONS KIT 98045 *	1	2900-350*
20	ASSY LOWER PISTON Order kit	1	98040
21	HALL SENSORGRP XT	2	2612-052

Diagram 12: Upper Piston XT

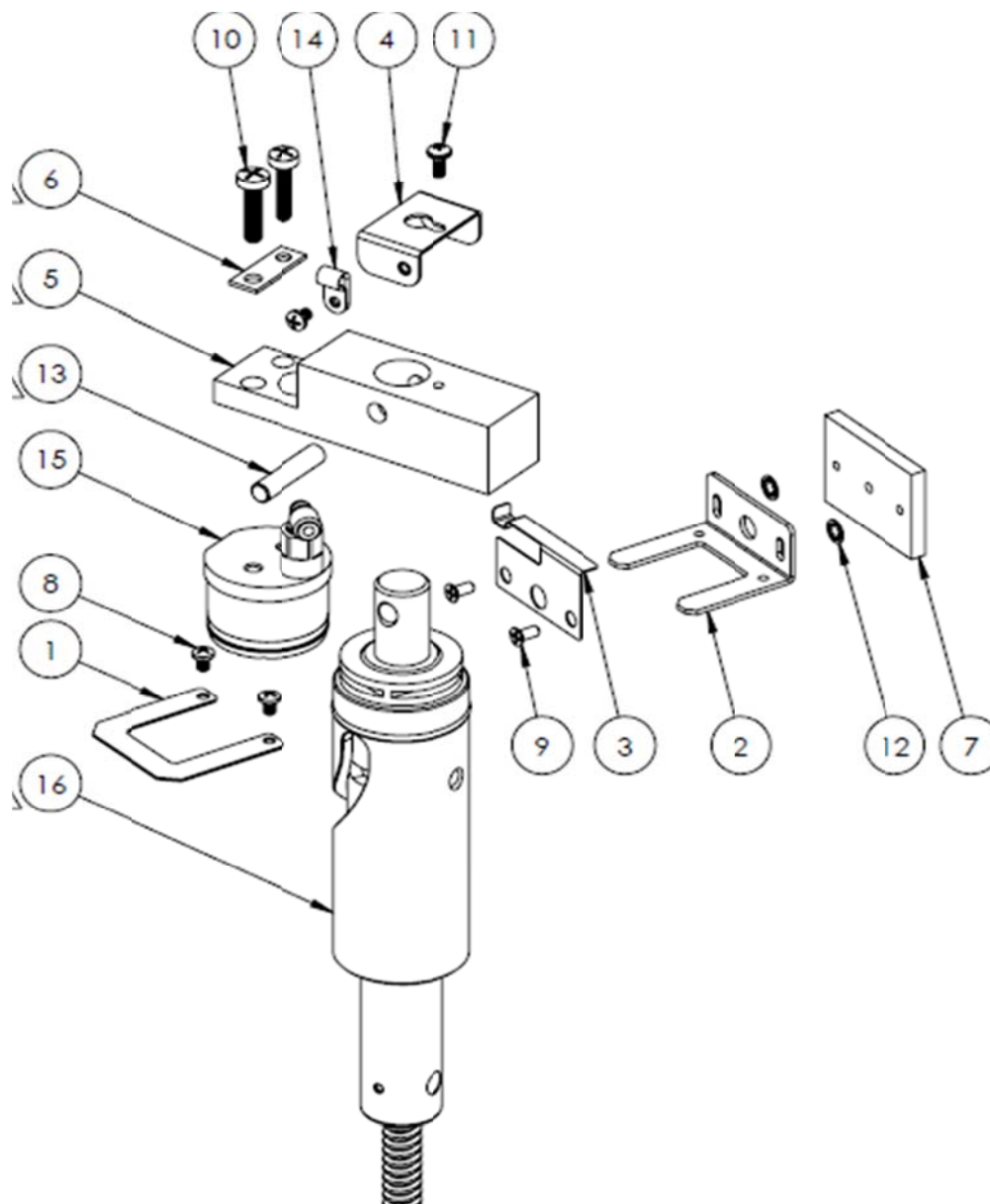


Diagram 12, Parts List: Upper Piston XT

Diagram 12 Item #	Description	QNTY	Concordia Part Number
	ASSY UPR PIST SHAFT XT	1	2130-032
1	BRKT RETAINER FUNNEL	1	1110-358
2	BRKT FUNNEL MOUNTING	1	1110-359
3	CLIP RETAINER FUNNEL	1	1110-613
4	BRKT PIN RETAIN UPR PIST	1	1110-918
5	BEAM UPPR PISTON XT	1	1110-926
6	PLATE SWING BEAM XPRESS	1	1110-932
7	SLIDE MTG FUNNEL NSF	1	1120-113
8	PH PHIL MS SS 8-32 X 1/4	3	1410-010
9	FH PHIL U/C 8-32 X 3/8SS	2	1410-057
10	PH PHIL SS M6 X 25	2	1410-096
11	PH PHIL SS 10-32 X 3/8	1	1410-244
12	WASHER INT STAR SS #10	2	1430-005
13	PIN DOWEL SS 5/16 X 1 1/2	1	1451-061
14	CLAMP NYLON 3/16	1	1454-060
15	ASSY PISTON UPPER Order unit	1	2130-018
16	ASSY DRV UPR PISTON Order unit	1	2130-035
NS	TUBE PFA 3/32ID X 5/33OD	18 in	1250-020

Diagram 13, Assembly Drive Upper Piston

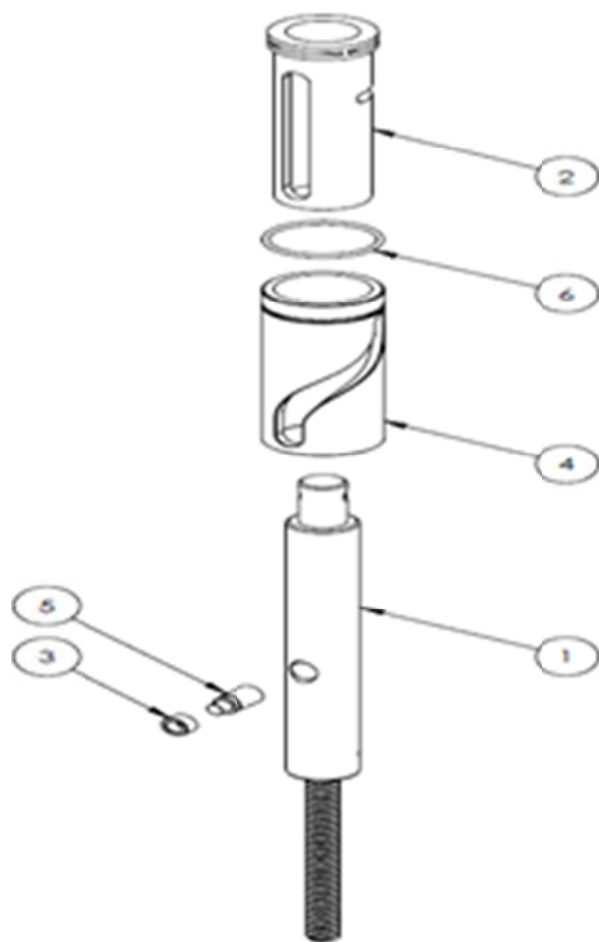


Diagram 13, Parts List: Assembly Drive Upper Piston

Diagram Item # 13	Description	QNTY	Concordia Part Number
	ASSY DRV UPR PST	1	2130-035
1	SHAFT UPR PISTON XPRESS	1	1110-920
2	SLEEVE UPR PISTON GUIDE	1	1120-129
3	ROLLER UPR PISTON GUIDE	1	1120-563
4	CAM UPR PISTON GUIDE XT	1	1150-012
N/S	PIN UPR PISTON GUIDE XT	1	1150-014
N/S	O-RING 2-132 EPDM	1	1260-168

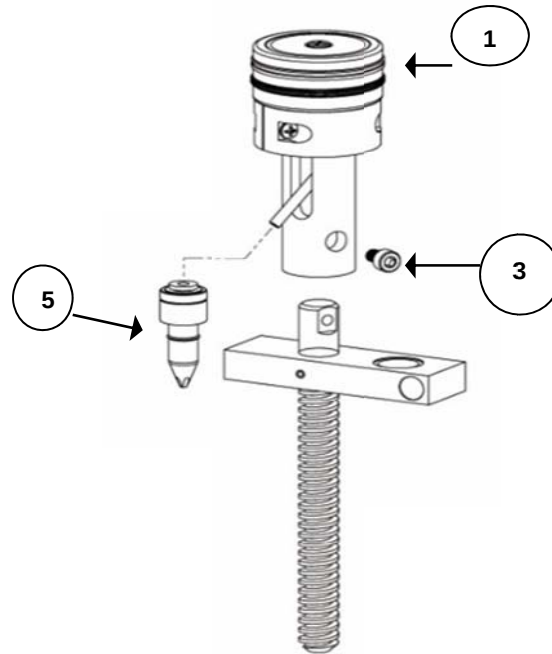
Diagram 14, Assembly Lower Piston**Diagram 14, Parts List: Assembly Lower Piston**

Diagram Item # 14	Description	QNTY	Concordia Part Number
1	ASSY LWR PIST KIT	1	98040*
2	GUIDE INSTALL LWR PIST XT	1	1120-531
3	SOC CAP SS-M5 X 8	1	1410-070
4	LBL SLEEVE LWR PISTON	NS	1500-384
5	ASSY NOZZLE ESPRESSO	1	2790-090
	ORDER AS AN ASSEMBLY*		

Diagram 15: Assembly Motor Drive / Gear Box

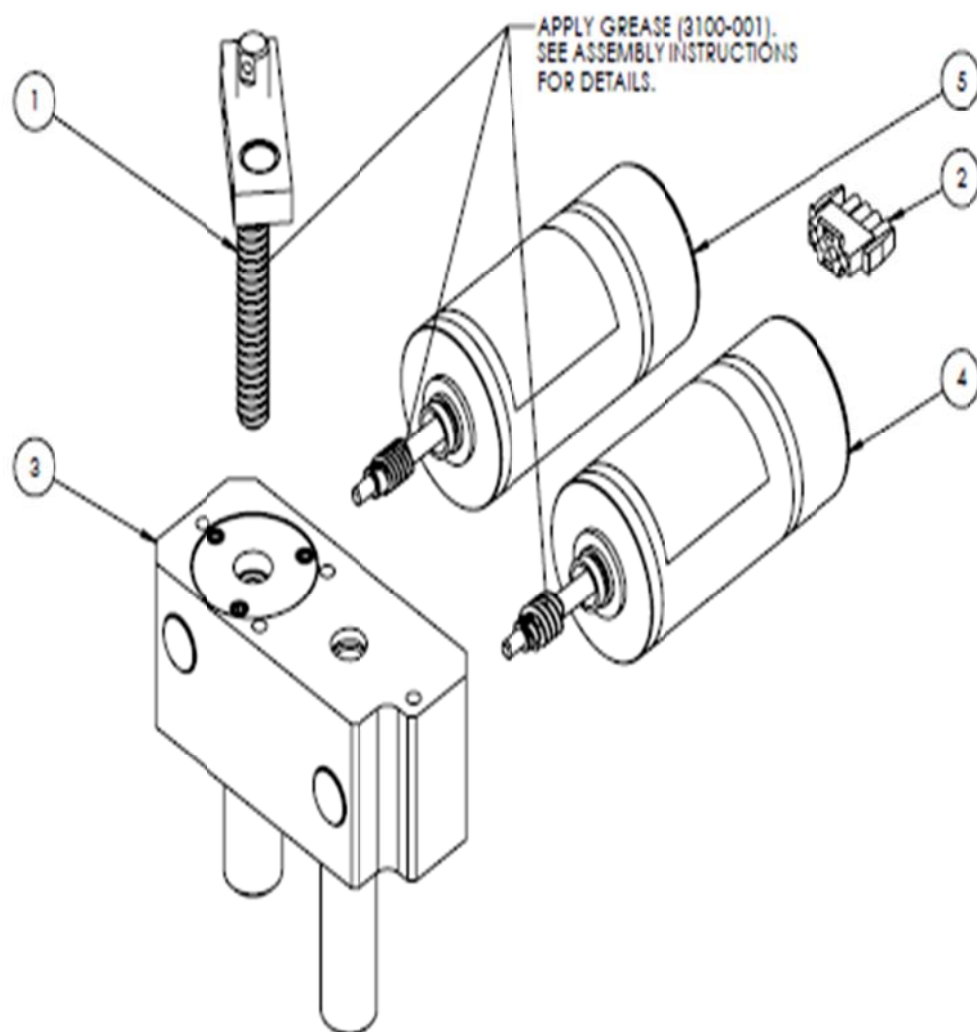


Diagram 15: Parts List: Assembly Motor /Gear Box

Diagram Item #15	Description	QNTY	Concordia Part Number
	ASSY MTR/GEAR BOX XT *	1	2130-036
1	SCREW LEAD LWR PISTON XT	1	1110-981
2	HSG AMP 4 PIN M WHT XT	1	1353-004
3	ASSY GRP GEAR BOX XT	1	2130-037
4	ASSY UPR GRP MTR XT	1	2130-038
5	ASSY LWR GRP MTR XT	1	2130-039
*	NEXT GEN GEAR BOX ASSY Includes parts to upgrade Xpress to use new gear box assy.	UPDATE	98045
*			

Diagram 16: Milk Pump Assembly

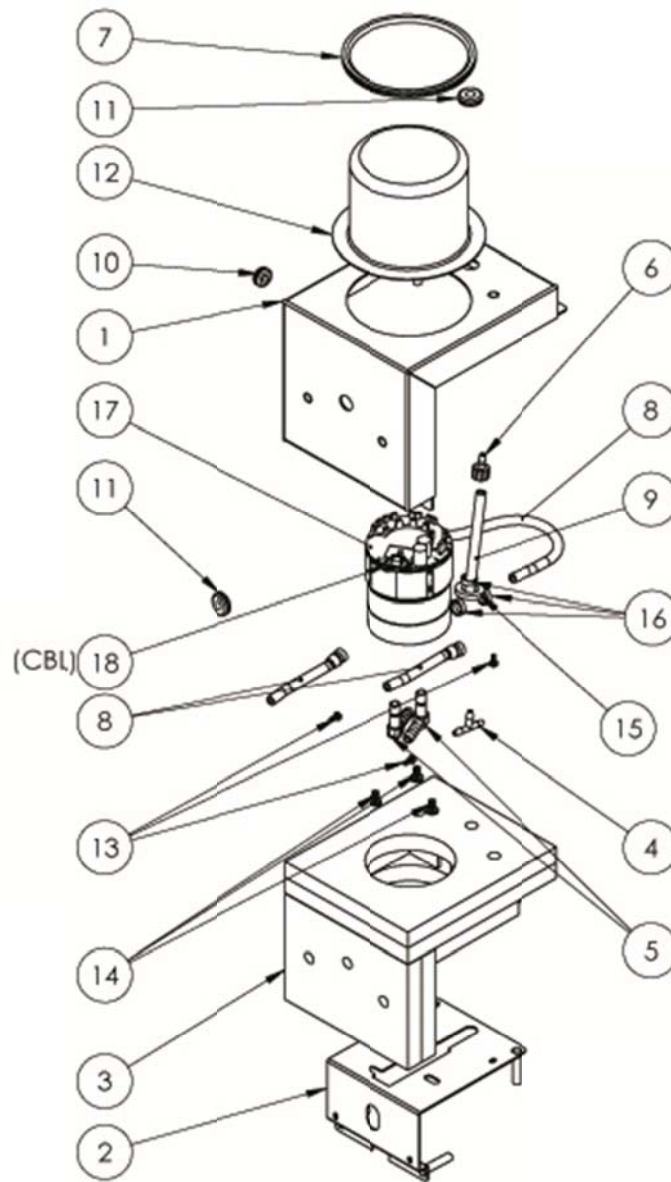


Diagram 16: Parts List, Milk Pump Assembly*** ORDER ASSEMBLY ALL OTHER PARTS FOR REFERENCE ONLY.**

Diagram 16 Item #	Description	QNTY	Concordia Part Number
*	ASSEMBLY MILK PUMP XT	1	98035
	INSTRUCTIONS INSTALL MILK PUMP AND AIR CHECK VALVE		2900-320
1	CVR MILK PUMP OUTER XPRESS	1	1110-995
2	BRKT MILK PM INNER XPRESS	1	1110-996
3	INSUL SET MLK PMP BOX XT	1	1120-367
4	TEE NYLON 1/8 TUBE	1	1232-020
5	ELBOW 1/4 STEM X 1/4B	2	1232-086
6	CONN BARB 1/8 X LUER MALE	1	1232-140
7	TRIM 3/16 EDGE RUBBER BLK	1	1240-062
8	TUBE SILICN 1/8ID X 1/4OD	12 in	1250-016
9	TUBE PVC 1/8ID X 1/4OD	8 in	1250-019
11	GROM 1.4IDX5/8ODX1/16GR	1	1260-119
12	COVER PM0373 PUMP	1	1280-001
13	PH PHIL MS SS 4-40X1/4	1	1410-065
14	PH PHIL SS M4 X 8	1	1410-098
15	WSHR NUL.443IDX.75ODX1 8	1	1430-030
16	TY RAP 8 INCH LONG	1	1454-014
17	PMP MILK XPRESS	1	2340-129

Diagram 17: Refrigeration Unit Assembly

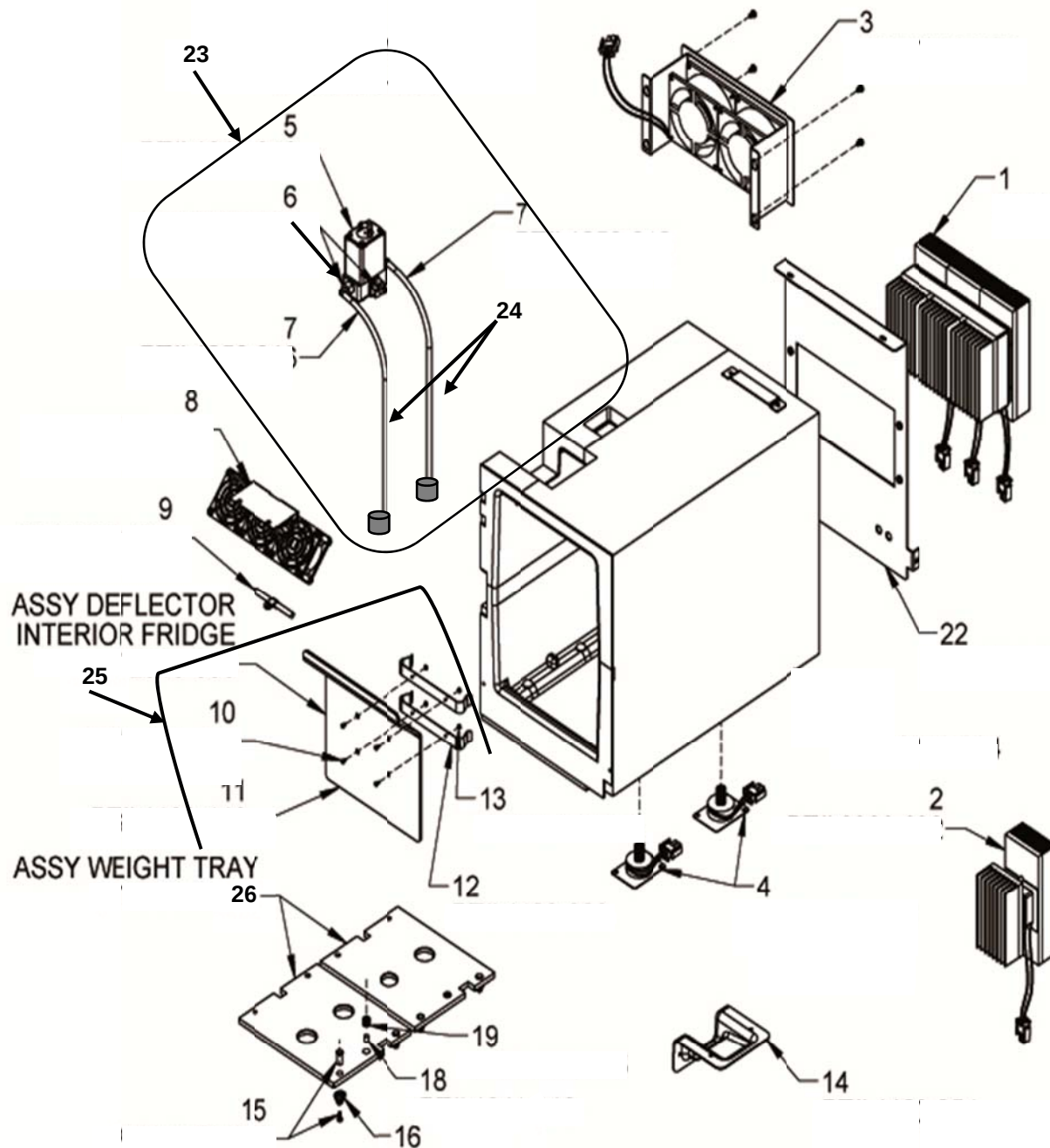
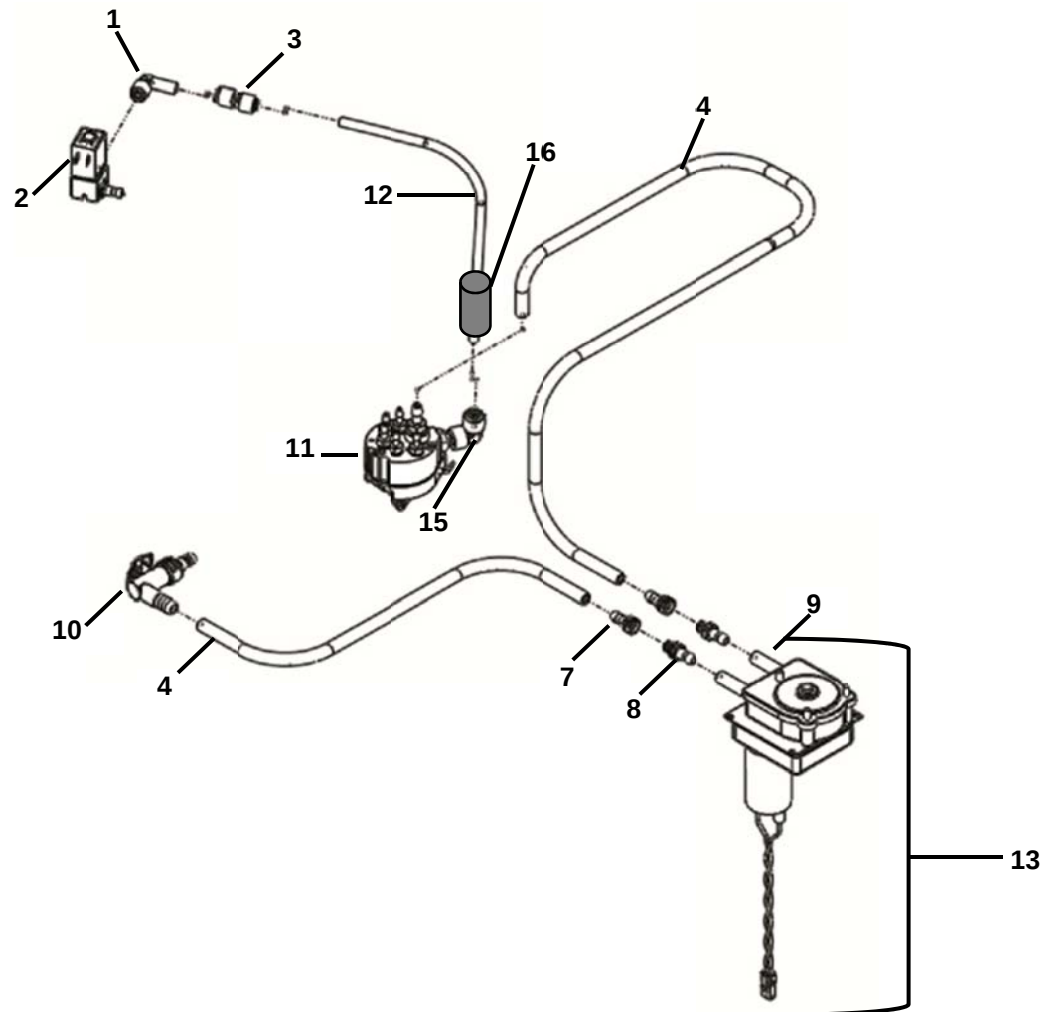


Diagram 17, Parts List: Refrigeration Unit Assembly

Diagram 17 Item #	Description	QNTY	Concordia Part Number
1	ASSY RFR MODULE XPRESS	1	2320-036
2	ASSY RFR SGL TEC 6IN	1	2320-032
3	ASSY FRIDGE EXT FAN	1	2310-043
4	ASSY-HALL EFFECT SENSOR	2	98583
8	ASSY- INTERNAL FAN	1	2310-031
9	ASSY- PROBE- TMP- REFR-	1	2660-031
14	CVR MLK PMP RFR INT	1	1120-354
22	PNL SUPP RFR MODULE ASSY	1	1110-190
23	ASSY ALT MILK NI XPRESS	1	2340-131
5	VALVE ALT MILK 3 WAY PVDF	1	1210-046
6	ELBOW ¼ NPT X 3/16 BARB	3	1232-135
7	TUBE SILICN 1/8ID X 1/4OD	2	1250-016
24	SCREEN MILK PICKUP FILTER	2	1450-015
24	ADAPTER FILTER PICKUP	2	1232-114
25	ASSY-DEFLECTOR-INT FRIDGE	1	2310-033
10	FH PH MS SS UCT 4-40x1/4	4	1410-087
11	DEFLCTR COLD SINK PLASTIC	1	1120-118
12	NUT HEX SS 4-40X3/16 FLAT	4	1420-020
13	BRKT COLD SINK DEFLECTOR	2	1110-351
26	ASSY WEIGHT TRAY SMALL	2	2310-027
19	CAP ADJUST DELRIN WEIGHT	1	1120-065
16	RETAINER WEIGHT TRAY SPRING	2	1120-120
18	MAGNET WEIGHT TRAY	1	1311-010
15	PH PHIL SS 6-32 X 3/8	2	1410-107
16	SPRING-WEIGHT SCALE	2	1455-016
NS	ASSY MILK LEVEL CABLE	1	2670-187
NS	CABLE MILK PUMP CNTRL	1	2670-213

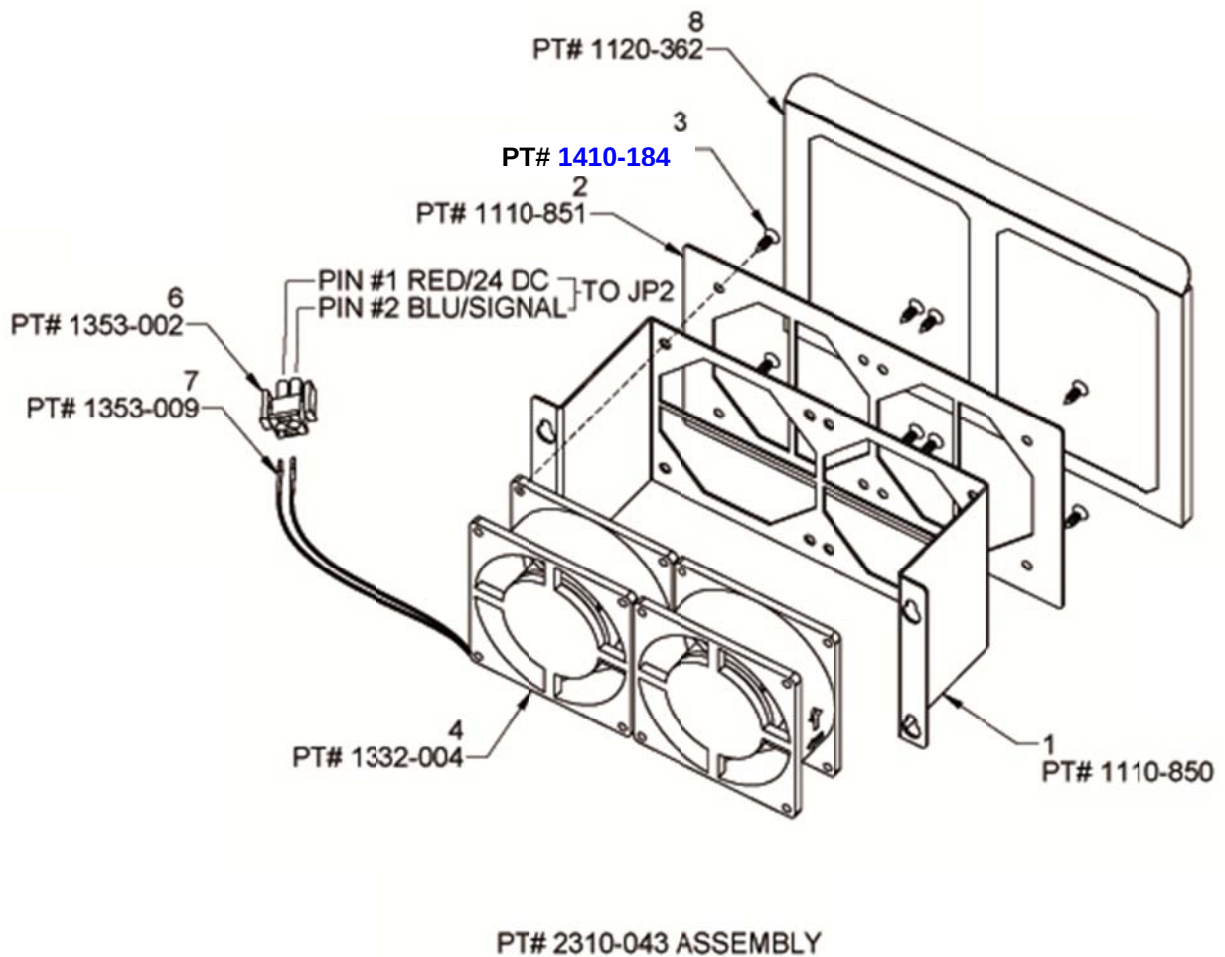
Diagram 18: Chocolate Sauce Delivery System Bag in a box System.



**Diagram 18, Parts List: Delivery Chocolate Sauce
System Bag in a Box System**

Diagram 18 Item #	Description	QNTY	Concordia Part Number
1	ELBOW LEGRIS 6MM FX8MM M	1	1232-172
2	VALVE 16BAR BUSCHJOST	1	1210-061
3	CONN LEGRIS 8MM F X 1/4 F	1	1232-184
4	TUBE CLR PVC 1/4 X 3/8	1	1250-008
7	CONN KENT 1/4 BARB F	2	1232-119
8	CONN KENT 1/4 BARB M	2	1232-120
9	KIT PERISTALTIC TUBING	1	98590
10	CONN SYRUP BAG SCHOLLE	1	1232-151
11	ASSY PRODUCT DELIVERY	1	2790-126
12	TUBE PFA 5/32 ID X 1/4 OD	1	1250-006
13	ASSY PUMP SYR X6	1	2345-013
15	ELBOW UNION 1/4T QUICK	1	1232-134
16	VALVE CHECK 1/4" X 1/4"	1	1210-047

Diagram 19, Refrigeration Unit Cooling Assembly



**Diagram 19, Parts List: Refrigeration Unit
Cooling Assembly**

Diagram 16 Item #	Description	QNTY	Concordia Part Number
	ASSY FRIDGE EXT FAN X6	1	2310-043
1	BRKT FAN RFR HTSNK X6	1	1110-850
2	BRKT SEAL FAN RFR X6	1	1110-851
3	FH PHIL #10 X 5/8 FAN MNT	8	1410-184
4	FAN EXTERNAL FRIDGE	2	1332-004
6	HSG AMP 2PIN M WHT	1	1353-002
7	PIN M AMP MED	2	1353-009
8	FILTER AIR X6	1	1120-362

Diagram 20: Assembly Syrup Rack Heater (Bag in a Box)

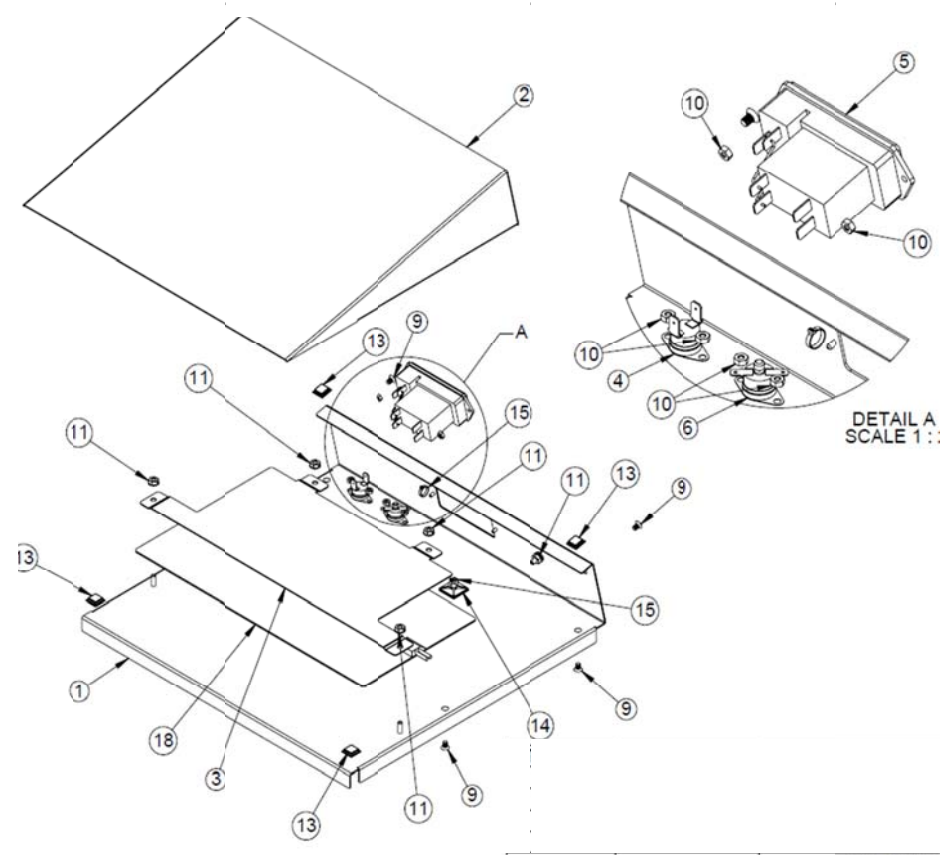


Diagram 20, Parts List: Assembly Syrup Rack Heater (Bag in a Box)

Diagram 20 Item #	Description	QNTY	Concordia Part Number
	ASSY SYRUP RACK HEATER BIB	1	2510-120
4	SW TMP LIMIT 140F DEG	1	1311-014
6	SW MAN TEMP LIMIT 180 DEG	1	1311-029
5	SW W/BREAKER B-N-B HTR	1	1311-028
18	HTR PAD B-IN-B HEATER	1	2650-024
NS	CBL POWER US	1	2670-272

Diagram 21: Delivery System Side Mount Syrup

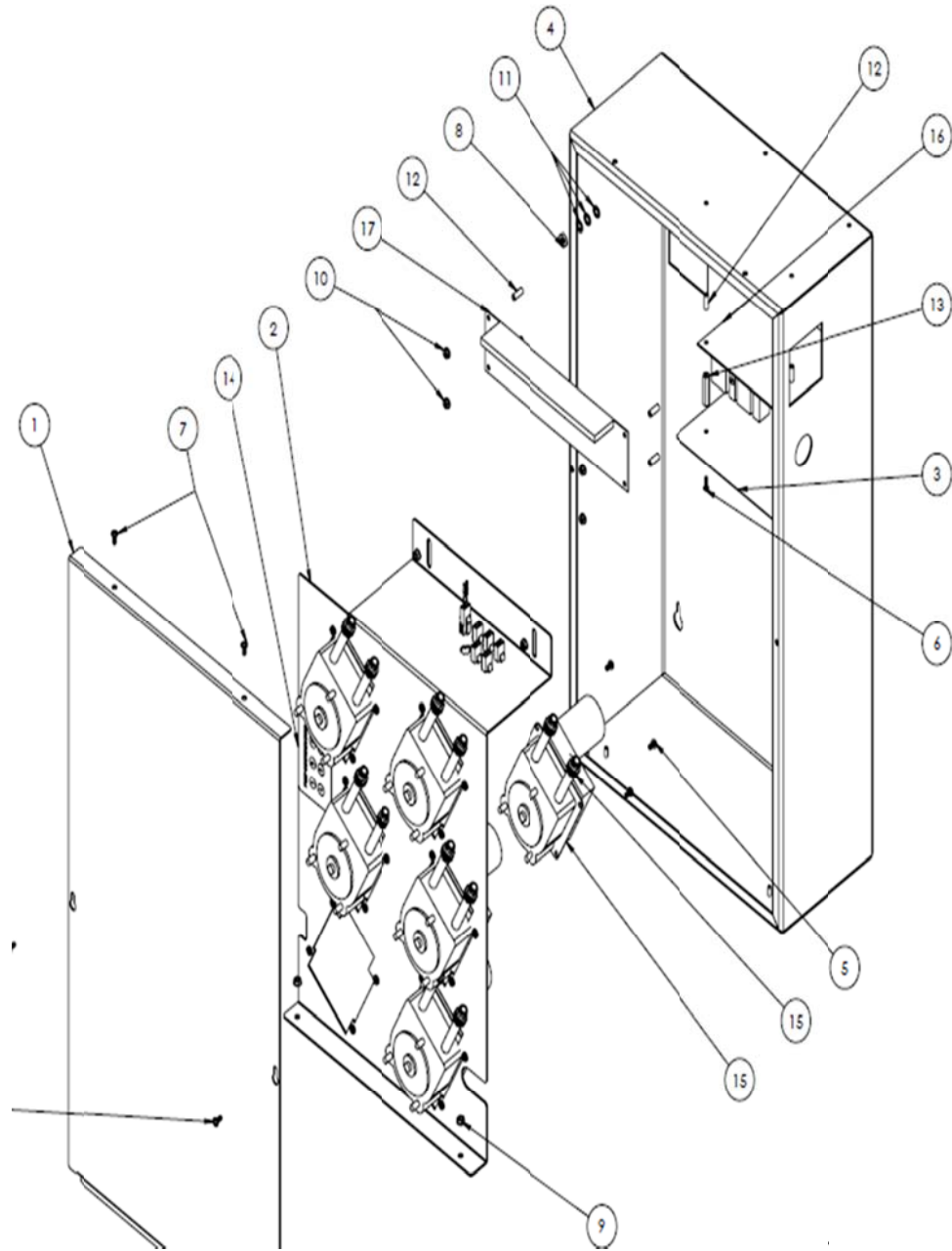


Diagram 21: Parts List: Delivery System Side Mount Syrup

Diagram 21 Item #	Description	QNTY	Concordia Part Number
	ASSY ENCL PUMP SYR XT		2510-317-01
1	DOOR SYR PUMP INCL XT	1	1111-016-01
2	PLATE PUMP SYR XT	1	1111-017
3	GUARD BOARD XT	1	1111-018
4	ENCL PUMP SYR XT	1	1111-022-01
5	PH PHIL MS SS 6-32 X 1/4	24	1410-007
6	PH PHIL SS 4-40 X 3/8	4	1410-068
7	PH PHIL SS 6-32 X 5/16	4	1410-274
8	NUT-HEX-10-32-SS	1	1420-007
9	NUT KEP 6-32 SS	4	1420-034
10	NUT HEX W/WSHR 4-40	4	1420-038
11	WASHER INT STAR SS #10	3	1430-005
12	SPCR LDPE 3/16 OD X 1/2L	8	1451-066
13	SPCR HEX AL 4-40 1/4X1L	4	1451-073
14	LBL SYR PMP LAYOUT	1	1500-201
15	ASSY PUMP SYR	6	2345-013
16	PCA SYRUP DRIVER	1	2612-043
17	PWR SPLY SYR OPEN FRAME	1	2620-022
18	CBL SYRUP PUMP XT	1	2670-357
19	CBL SYR DC PWR XT CB	1	2670-363
SEE BELOW	KIT PERISTALTIC TUBING	6	98590

Kit Part # 98591



Kit Part # 98590

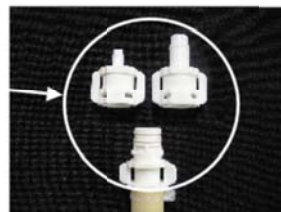
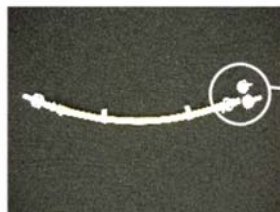


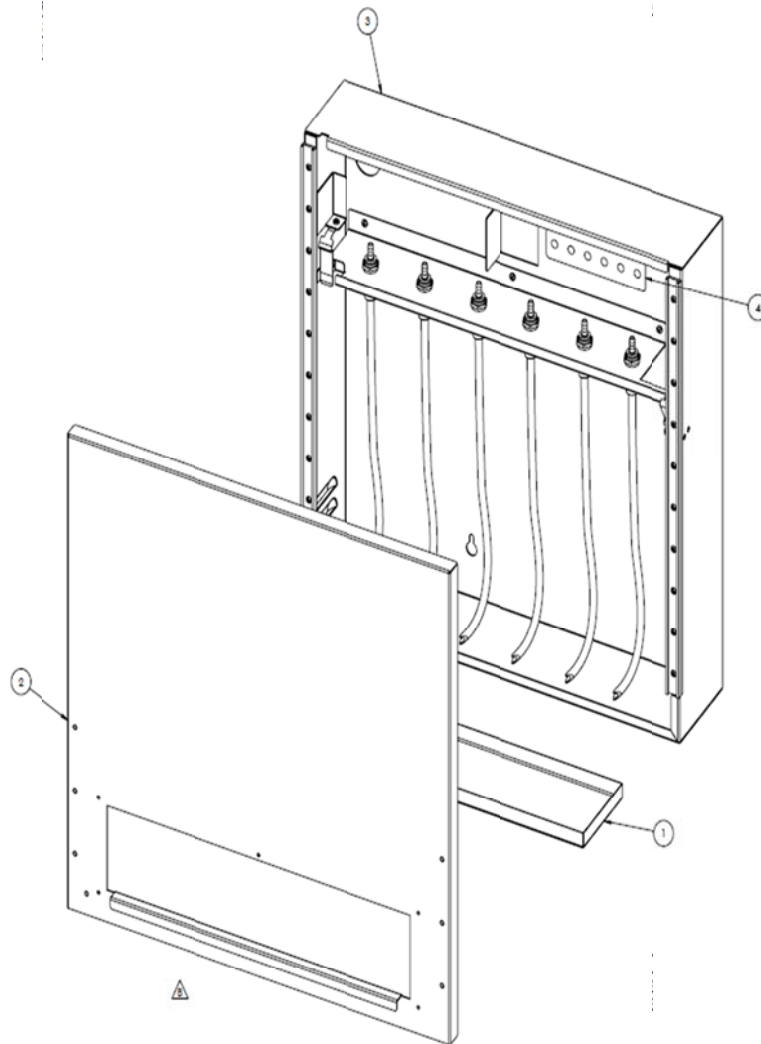
Diagram 22: Delivery System Side Mount Panels**Diagram 22, Delivery System Side Mount Syrup**

Diagram 22 Item #	Description	QNTY	Concordia Part Number
	ASSY ENCL SYR BOX XT	1	2510-316-01
1	TRAY SYR ENCL XT	1	1111-014
2	ASSY ENCL SYRP DOOR XT	1	2510-312-01
3	ASSY ENCL SYR BOX XT	1	2510-313-01
4	STICKER SYRUP COLOR	1	1500-385

Diagram 23, Assembly Enclosure Syrup Box

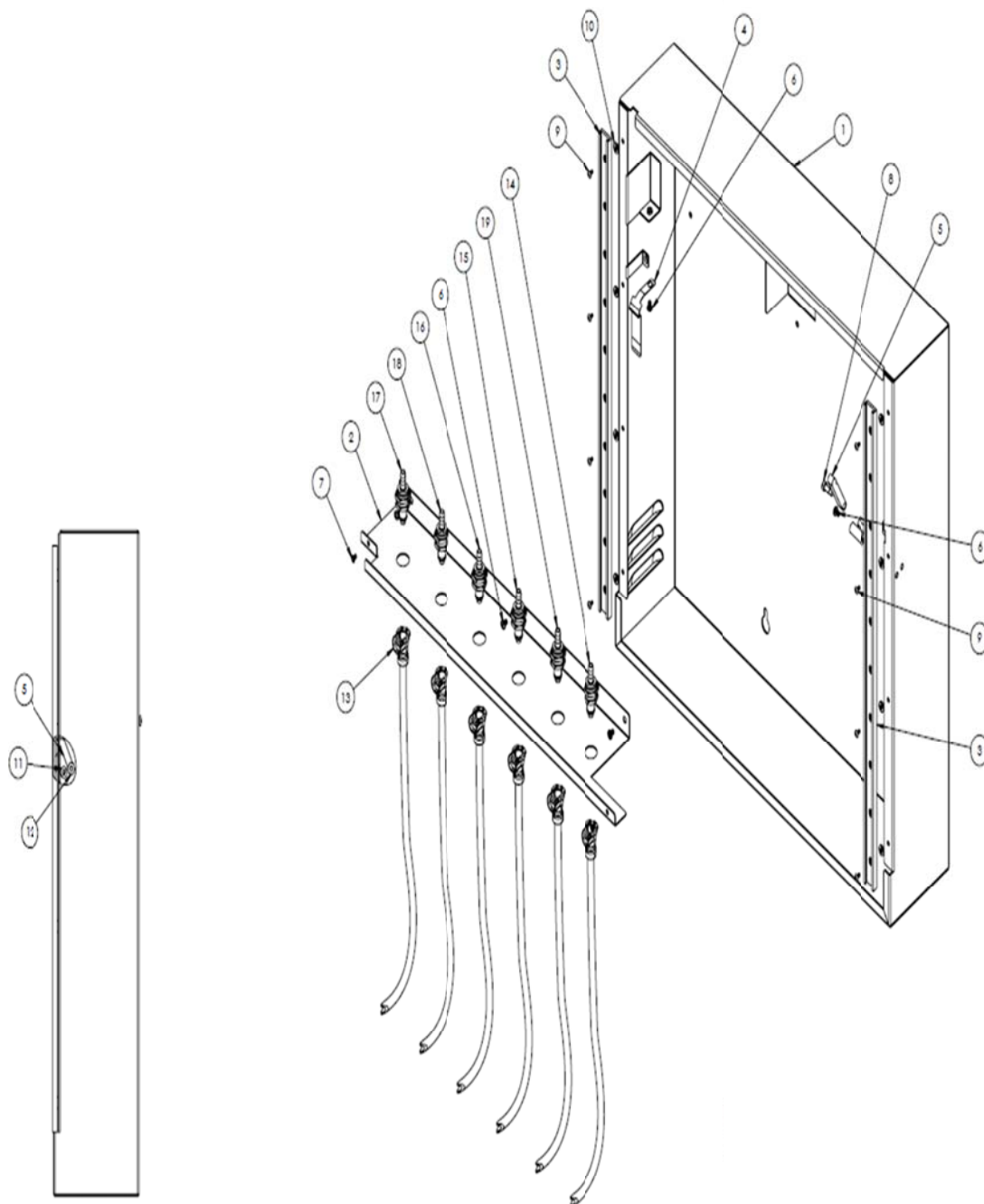


Diagram 23: Parts List: Assy Enclosure Syrup XT

Diagram 23 Item #	Description	QNTY	Concordia Part Number
	ASSY ENCL SYR BOX XT	1	2510-313-01
1	ENCL BOTTLE SYRP XT	1	1110-011-01
2	SHELF SYR ENCL XT	1	1111-013-01
3	RAIL GUIDE SYR XT	2	1111-015
4	SPRING DOOR XT	1	1111-023
5	ARM LATCH SYR INCL XT	1	1120-533
6	PH PHIL MS SS 8-32 X ¼	5	1410-010
7	PH PHIL SS 6-32 X 1/4	2	1410-143
8	SCREW SHLD SS 8-32X1/4	1	1410-255
9	TH PHIL SS 4-40 X 1/4	8	1410-294
10	WSHR NYLON 3/16ID X 3/8OD	8	1430-021
11	SPCR ALUM 8-32/ 3/8OD	1	1451-064
12	SPCR SS 8-32 3/8OD X 1L	1	1451-065
13	ASSY SYR TUBING IN BOTTLE	6	2790-173
14 - 19	CONNECTOR IN METAL SHELF	6	1232-107
14	ASSY TUBE SYR IN BLK XT	1	2790-180
15	ASSY TUBE SYR IN YEL XT	1	2790-181
16	ASSY TUBE SYR IN WHT XT	1	2790-182
17	ASSY TUBE SYR IN RED XT	1	2790-183
18	ASSY TUBE SYR IN GRN XT	1	2790-184
19	ASSY TUBE SYR IN BLU XT	1	2790-185
	KIT SYRUP CAPS AND TUBES	1	98043
	O-RING TUBE SYRUP CONNECTOR	6	1260-177

Diagram 24: Water/Steam Gauge/Air Assembly

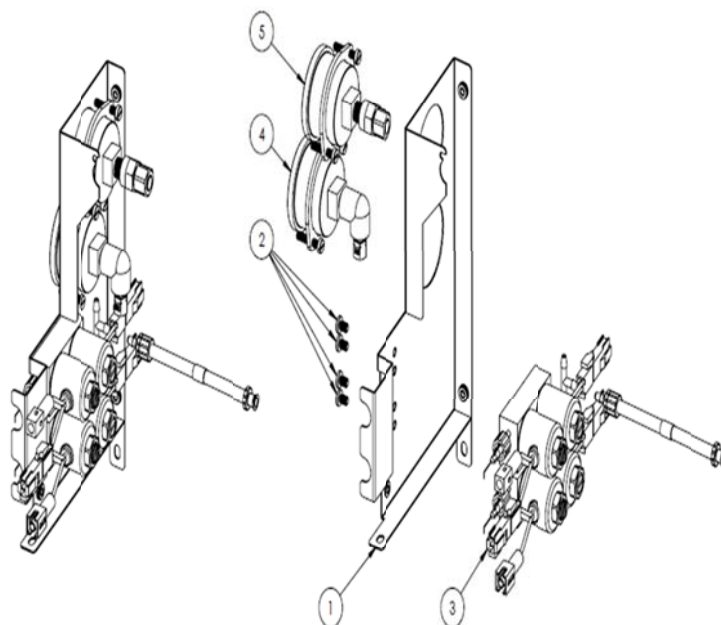


Diagram 21: Water/Steam Gauge/Air Assembly

Diagram 24 Item #	Description	Available	Concordia Part Number
	ASSY GAUGE/AIR XT	YES	2510-271
1	BRKT GAUGES AND AIR	YES	1110-839
2	PH PHIL MS SS 8-32 X 1/4	YES	1410-010
3	CONN 1/8F X 1/4T	YES	1231-082
4	ASSY GAUGE- STEAM W/ ELBOW	YES	2790-044
5	ASSY GAUGE- WATER	YES	2790-168
6	ASSY AIR CHK VLV XT	YES	2790-167
7	ASSY AIRGATE	YES	2712-010
9	VENT AIR 27GA 9OD CLEAR	YES	1245-015

Diagram 25: Steam Tank

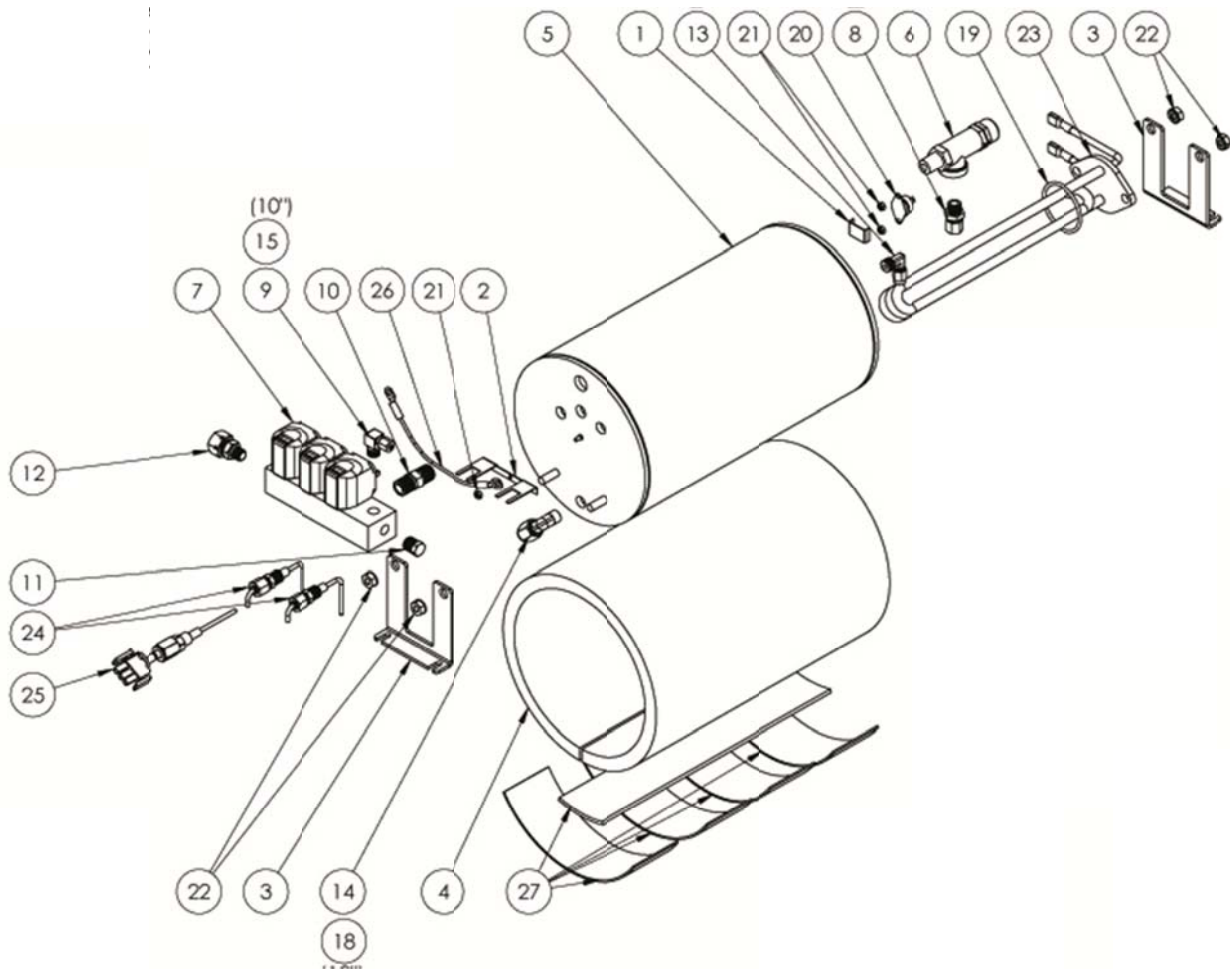


Diagram 25, Parts List: Steam Tank

Diagram 25 Item #	Description	Available	Concordia Part Number
	ASSY TANK STEAM XT		2730-050
1	METAL FAB LIMITER SWITCH		1110-081
2	BRKT RTNR LVL PROBE		1110-247
3	BRKT MNT STM TANK XT		1110-863
4	INSUL STEAM TANK ROUND		1140-031
5	TANK STEAM XPRESS		1140-030
6	PRV 30PSI STEAM TANK		1210-064
7	ASSY 3 STN MANIFOLD XT/NI		2730-052
8	CONN BRA 1/4M X 1/4T		1231-010
9	ELBOW BRASS 1/8M X 1/8T		1231-015
10	CONN BRASS 1/4M X 1/4M		1231-019
11	PLUG BRASS 1/8M		1231-024
12	PLUG BRASS 1/8M		1231-059
13	ELBOW 1/8M X 4MM TUBE		1231-097
14	ELBOW SXL 1/8 NPT X 6MM		1233-041
15	TUBE PFA 1/16 ID X 1/8 OD		1250-005
16	TUBE PFA 5/32 ID X 1/4 OD (in)		1250-006
17	TUBE PFA 3/32 ID X 5/32 OD (in)		1250-020
18	TUBE PTFE 6MM X 4MM		1250-029
19	O-RING 2-130 5778-70 EPDM		1260-143
20	SW MAN TEMP LIMIT 260 DEG		1311-022
21	NUT KEP SS 4-40		1420-024
22	NUT KEP 1/4 20 SS		1420-031
23	ASSY HEATER STM XT		2650-033
24	ASSY-PRBLVL-STM TANK-BENT		2660-001
25	ASSY WATER/TEMP PROBE		2660-068
26	CBL GROUND STRAP 8-INCH 1 EA		2670-197
27	TAPE-INSULATION-1/8X2		3300-016
	OLDER XPRESS UNITS NOW USE	UPDATED	98049
	ASSY STEAM TANK XT-6	UPATED	2720-075

Diagram 26: Hot Water Tank

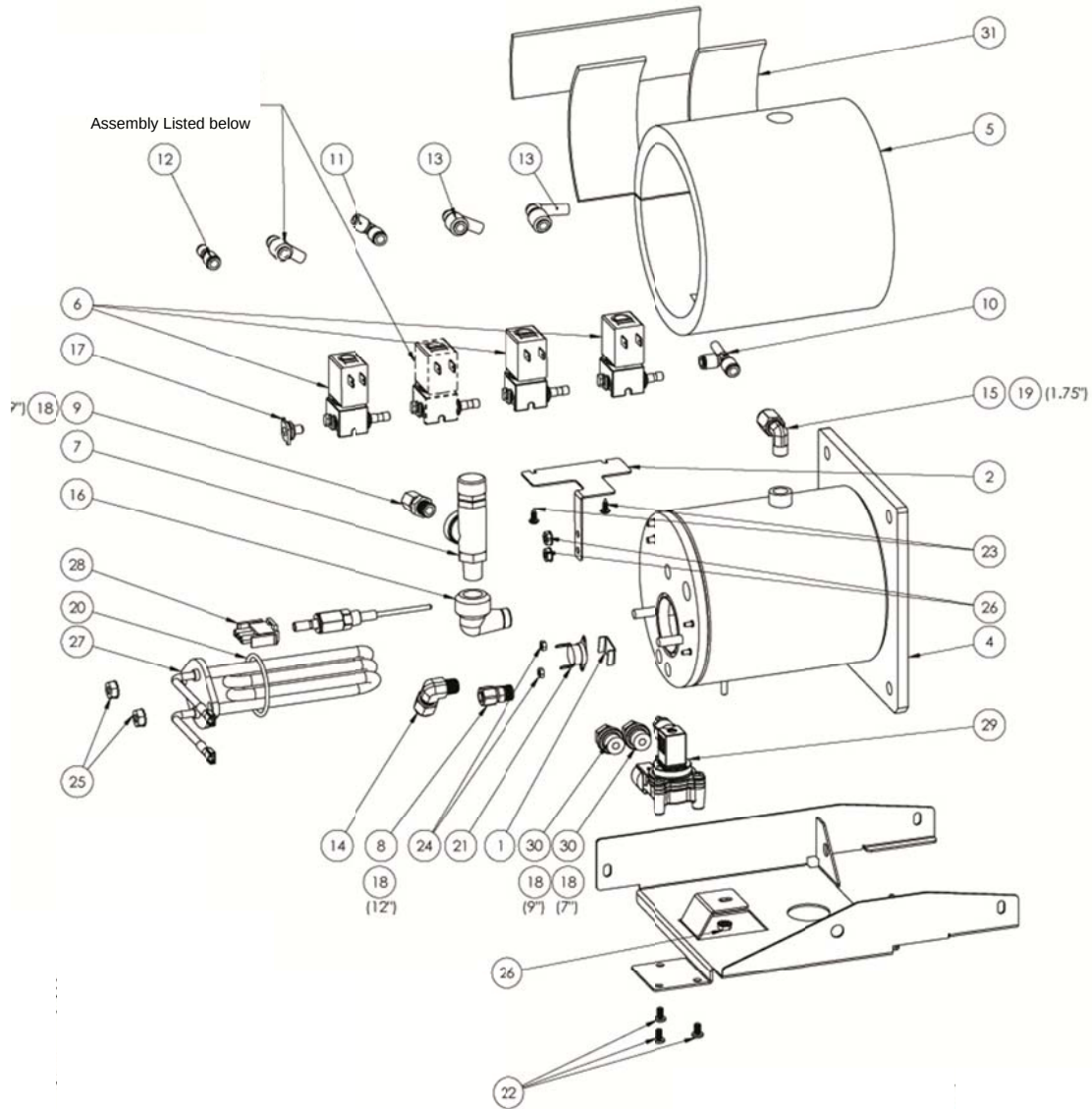


Diagram 26, Parts List: Hot Water Tank

Diagram 26 Item #	Description	Available	Concordia Part Number
	ASSY TANK WATER XT		2720-068
1	METAL FAB LIMITER SWITCH		1110-081
2	BRKT VLV MNT TANK XPRESS		1110-864
3	BRKT CRADLE TANK XT		1110-912
4	TANK WATER XPRESS		1140-028
5	INSUL TANK WTR XT		1140-029
6	VLV 16BAR BUSCHJOST		1210-061
7	PRV 175PSI WATER TANK		1210-065
8	CONN BRASS 1/8M X 1/4T		1231-008
9	CONN BRA 1/4M X 1/4T		1231-010
10	TEE RUN LEGRIS 6MM		1232-144
11	ELBOW LEGRIS 6MM F X 4MM F		1232-147
12	UNION LEGRIS 4MM F X 6MM F		1232-152
13	ELBOW LEGRIS 6MM FX8MM M		1232-172
14	ELBOW SXL 1 8M X 1 4T		1233-037
15	ELBOW SXL 1/8 NPT X 6MM		1233-041
16	ELBOW SS 1/4M NPT X 1/4F NPT		1233-042
17	PLUG VLV BUSCHJOST		1240-067
18	TUBE PFA 5/32 ID X 1/4 OD		1250-006
19	TUBE PTFE 6MM OD X 4MM ID		1250-029
20	O-RING 2-130 5778-70 EPDM		1260-143
21	SW TEMP LIMIT 210F DEG		1311-005
22	PH PHIL SS M4 X 8		1410-098
23	PH PHIL TFS SS #6 3/8		1410-182
24	NUT KEP SS 4-40		1420-024
25	NUT – HEX – KEP – 1/4-20 – SS		1420-031
26	NUT KEP 8-32 SS		1420-032
27	ASSY HEATER WTR XT		2650-032
28	ASSY WATER/TEMP PROBE		2660-053
29	KIT FLOWMETER DIGMESA		98019
30	ASSY 1/4BSPPX1/4T FITTING		2790-166
31	TAPE-INSULATION-1/8X2		3300-016
NON XT	OLDER EXPRESS UNITS USE	UPDATE	2720-052
	Assembly Water Valves NI-X0		2790-187
	Assembly Water Valve X6		2790-188

Diagram 27: Water Pump and Motor

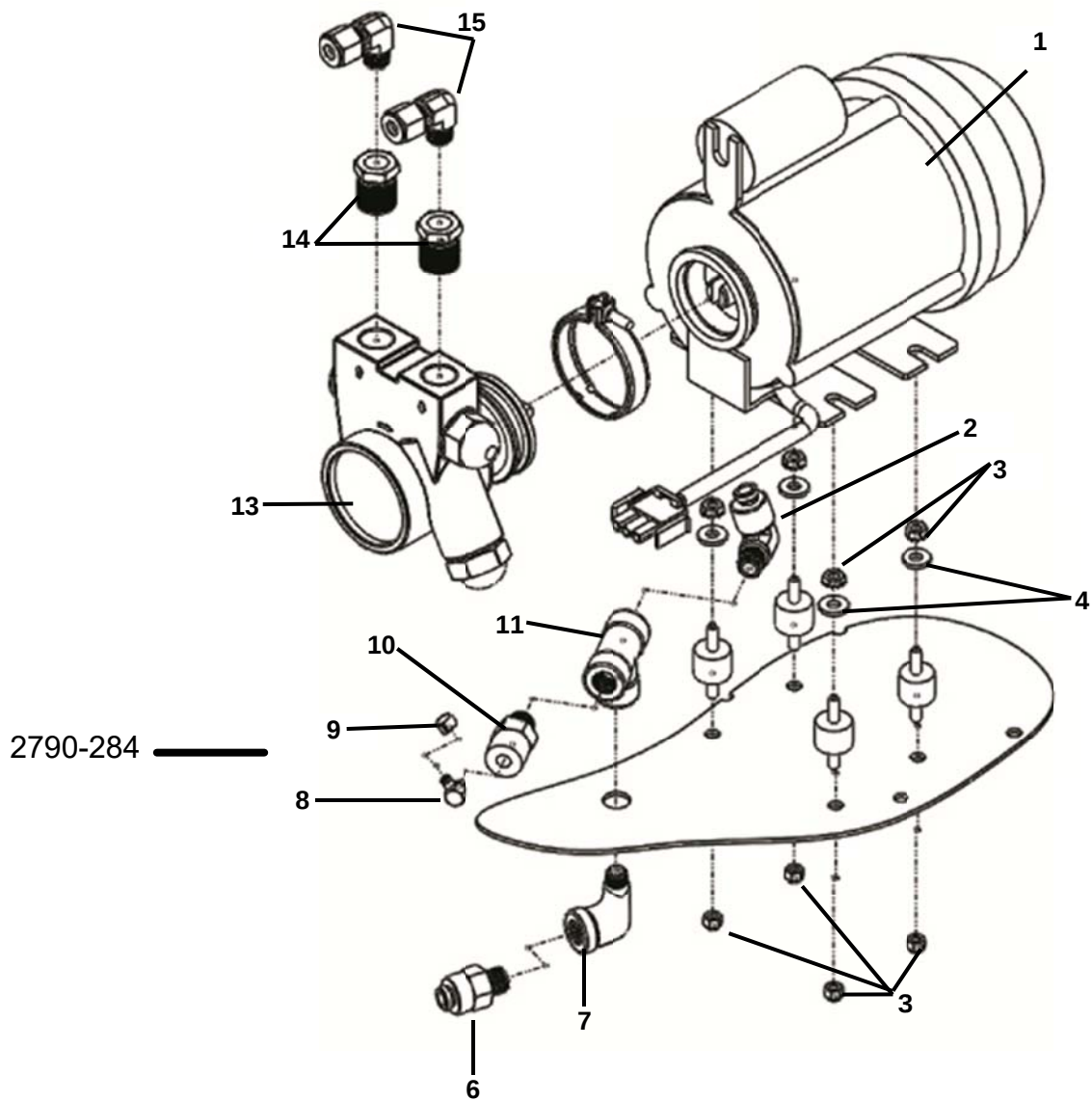


Diagram 27, Parts List: Water Pump and Motor

Diagram 27 Item #	Description	Available	Concordia Part Number
1	ASSY WTR PMP MTR		2710-031
2	ELBOW 1/8NPT X 1/4T		1232-097
3	NUT NYLOC M4		1420-039
4	WASHER FLAT SS #10		1430-002
6	CONN 1/8M X 1/4T		1232-071
7	ELBOW SS 1/8M X 1/8F		1233-029
8	ELBOW 3-32BARB X 10-32		1231-100
9	CLAMP BIN DOOR .232 .275		1454-043
10	VLV EXPANSION SS 130PSI	2790-284	1210-054
11	TEE SS 1/8F X 1/8F X 1/8F		1233-030
13	PUMP WATER PA074Z 30-GPH		2710-013
14	BUSHING SS 3/8NPTX1/8NPT		1233-040
15	ELBOW SXL 1/8M X 1/4T		1233-037

Diagram 28, Parts List: Drain Valve Bridge Web Assembly

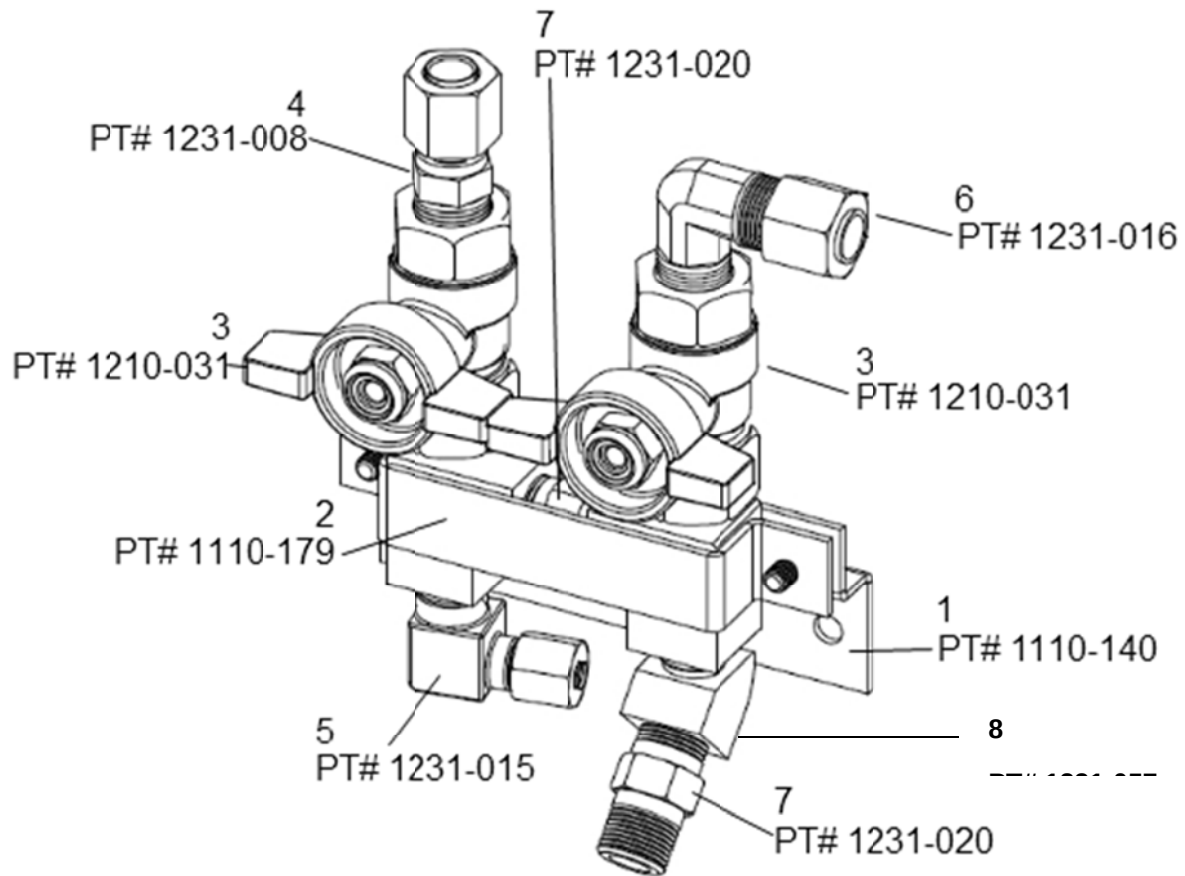


Diagram 28, Parts List: Drain Valve Bridge Web Assembly

Diagram 28 Item #	Description	Available	Concordia Part Number
	DRAIN VALVE BRIDGE WEB ASSEMBLY	YES	2720-027
1	BRACKET DRAIN TANK	YES	1110-140
2	BRKT BASE TANK DRAIN VLV	YES	1110-179
3	VALVE BALL 1/8 FPT	YES	1210-031
4	CONN BRASS 1/8M X 1/4T	YES	1231-008
5	ELBOW BRASS 1/8M X 1/8T	YES	1231-015
6	ELBOW BRASS 1/8M X 1/4T	YES	1231-016
7	CONN BRASS 1/8M X 1/8M	YES	1231-020
8	ELBOW 45 DEG STR-1/8	YES	1231-057

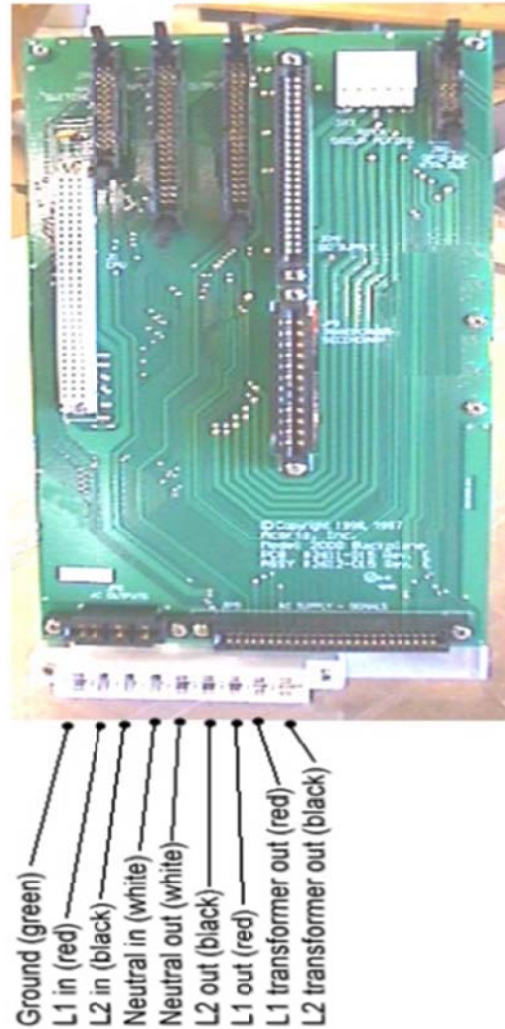


Diagram 30 Item #	Description	Available	Concordia Part Number
1	ASSY BACK PLANE	YES	2630-019
2	CABLE XFMR INTERCONN		2670-094
3	CABLE MAIN AC XPRESS		2670-111

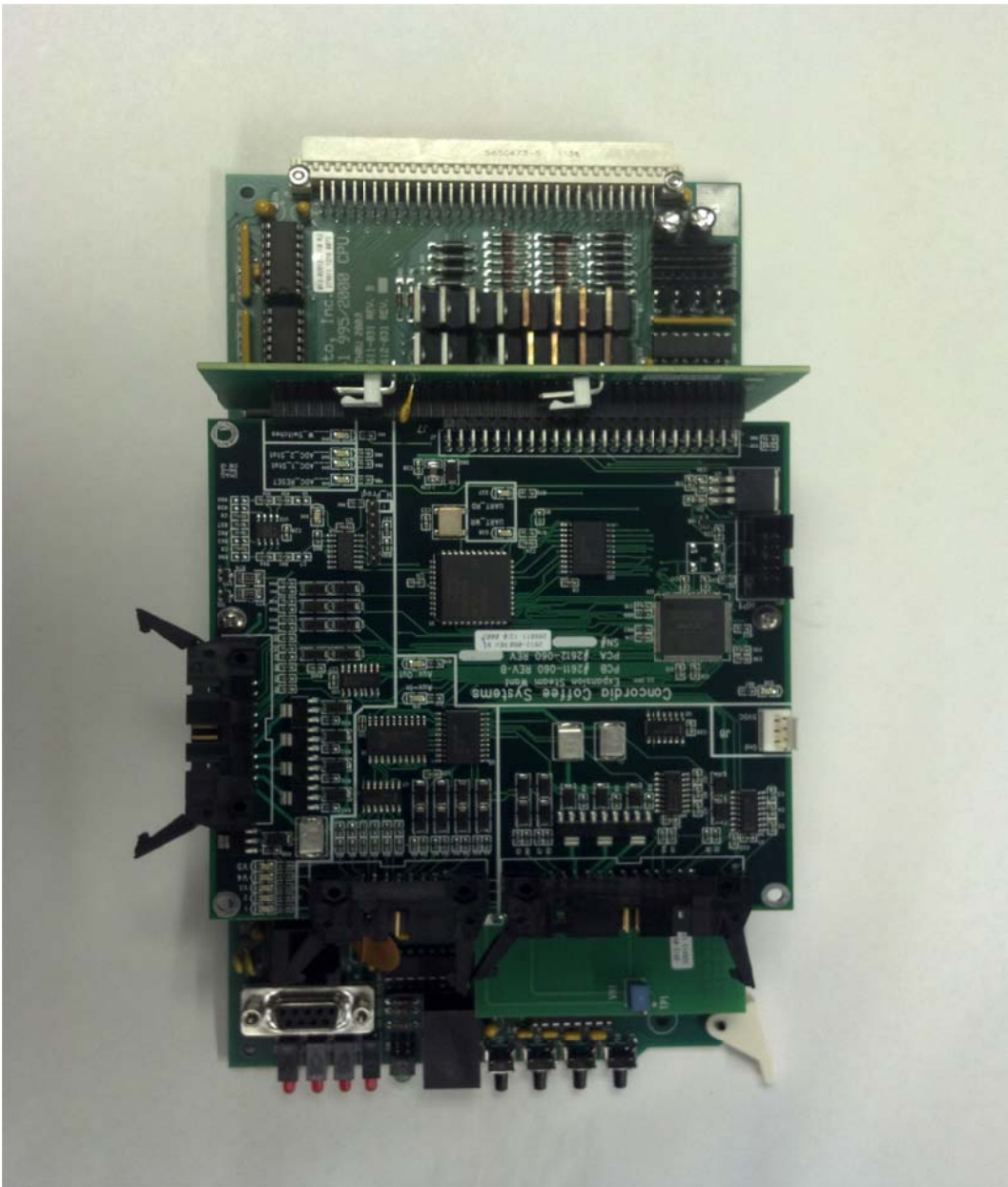


Diagram 30 Item #	Description	Available	Concordia Part Number
1	ASSY CPU PROG XT	YES	2630-118
2	PCA PUMP CONTROL		2612-051
3	PCA EXPANSION		2612-060
	SOFTWARE		
	SERIAL NUMBER NEEDED WHEN ORDERING ANY CPU.		

