

Technical Service Bulletin 031206

Condensed Parts List: DCX Paragon

This bulletin contains a reference list of commonly used part numbers for the DCX Paragon HPA cabinet.

P/N	TYPE	Description
61200555	I/O MODULE ASSY, REMOTE I'FACE	Remote control I/O module
61200554	I/O MODULE ASSY, SYSTEM I'FACE	System I/O module
61200553	I/O MODULE ASSY, DRIVER	Driver I/O module
61200550	FFBI IOM/CONTROL ASSEMBLY	Brain board and FFBI I/O module
61200450	I/O MODULE ASSY, IOT/C	IOT/C I/O module
61200530	PANEL ASSY, FRONT CONTROL	User interface front panel
61200506	AMPLIFIER ASSY, 400W HI-BAND	Standard bias driver module
61200518	AMPLIFIER ASSY, 400W LO-BAND	Standard bias driver module
61200508	AMPLIFIER ASSY, 400W HI-BAND	High bias driver module
61200520	400W AMPLIFIER ASSY, LO-BAND	High bias driver module
61200507	AMPLIFIER ASSY, 100W HI-BAND	Class A driver module
61200519	AMPLIFIER ASSY, 100W LO-BAND	Class A driver module
61200509	AMP ASSY, 18db	Class A driver module
46744986	TRANSFORMER, ISOLATION 15kVA	480 to 120/208 stepdown transformer
46745361	FILAMENT/XR BIAS ASSY	Filament / Bias / Ion supply
46745364	TRANSFORMER, ISO 40kV HI-BIAS	Isolation transformer for FBI supply
600157-01	CABLE, FIBER OPTIC 5.0M	Fiber optic cable to FBI supply
600423-01	SWITCH, DOOR INTERLOCK SAFETY	Interlock switch on HV compartment and IOT skirt
604917-01	CABLE, FIBER OPTIC 1.0M	Used for collector I sense and focus
608247-01	AIR FILTER, PLEATED 20"x20"x2"	Cabinet air filter
608266-01	UPS, RACK MTG SMART 450 RT	Control system UPS
607905-01	P.S. MODULE, 107A REPLACEMENT	Power supply for driver modules
61200360	PCA, BEAM FAULT SENSORS	HV arc sensor board
61200503	IMPELLER ASSY, W/FILTER HLDR	Cabinet blower
61200504	MODULE, SOLID STATE STEP START	SCR step start module on 480V primaries
61200514	SPLITTER / COMBINER ASSY	RF splitter or combiner in driver stage
61200517	SWITCH ASSY, HV GROUND	HV safety discharge switch assembly
61200516	SWITCH ASSEMBLY	480 switch and contactor panel
61200527	FOCUS SUPPLY ASSEMBLY	Complete focus supply with transformer
61200534	RECEPTACLE ASSY, HIGH VOLTAGE	Complete HV isolation assembly (male and female)
61200540	TRANSFORMER, HV ISOLATION	Isolation transformer of collector I sensors
61200829	CABLE SET, ISOLATION TRANS	Iso transformer to FBI supply interconnect
61200850.01	CABLE ASSY, CAN BUS & POWER	CAN bus cable
61200850.02	CABLE ASSY, CAN BUS & POWER	CAN bus cable
61200850.03	CABLE ASSY, CAN BUS & POWER	CAN bus cable
61200850.04	CABLE ASSY, CAN BUS & POWER	CAN bus cable

61200851	TERMINATION PLUG, CAN-BUS	Can bus connector
61200956	SWITCH ASSY, AIR FLOW	Cabinet airflow switch
608275-01	FILTER, BREATHER	Oil cooling system breather
608287-01	HEAT EXCH, FLAT PLATE 1" MNPT	Primary to secondary cooling heat exchanger
608313-01	FILTER, AIR	Cavity air filter
61200364	PCA, ANALOG TEMPERATURE SENSOR	Coolant temp sensors
61200404	HOSE ASSY, IOT RETURN	Cooling hose from IOT
61200405	HOSE ASSY, IOT SUPPLY	Cooling hose to IOT
61200954	PUMP ASSEMBLY, COOLING	Primary oil cooling pump
61200955	SWITCH ASSY, LIQUID LEVEL	Oil level switch in primary cooling tank
61200605	TANK, OIL RESERVOIR	Primary oil cooling reservoir tank
608365-01	CONTACTOR, 3-POLE W/120vacCOIL	Pump and cavity blower contactor
608366-01	RELAY, OVERLOAD 2.2-3.3 AMPS	Cavity blower overload relay
608659-01	RELAY, OVERLOAD 3.0-4.7 AMPS	Pump overload relay
61200366	PCA, A/C DISTRIBUTION	Complete AC distribution panel assembly
61200372	PCA, RELAY DRIVER	Complete relay driver panel assembly
608317-01	RELAY, POWER 12VDC 16A	Control relays on AC distribution board
608356-01	CIRCUIT BREAKER, 1 POLE 7.5A	UPS, Control circuit breakers
608357-01	CIRCUIT BREAKER, 1 POLE 5A	Cabinet Fan circuit breaker
608359-01	CIRCUIT BREAKER, 3 POLE 15A	Driver circuit breaker
608720-01	CIRCUIT BREAKER, 1 POLE 10A	Filament / Bias / Ion, Focus circuit breakers
451162-47	METER, VOLTAGE 2 SCALES	Bottom left meter on front panel
451162-48	METER, AMPS 2 SCALES	Bottom right meter on front panel
451162-49	METER, CURRENT 2 SCALES	Middle right meter on front panel
451162-50	METER, REVERSE POWER 2 SCALES	Top right meter on front panel
451162-51	METER, FORWARD POWER 2 SCALES	Top left meter on front panel
451162-52	METER, 0-40 kVDC	Middle left meter on front panel
605481-01	BRKR, CKT 3 POLE 600 VAC	480 - 120/208 Stepdown circuit breaker
605485-01	PLUG, RATING 30A TYPE E30A	480 - 120/208 Stepdown breaker rating plug
605746-01	BRKR, CKT 3P 600VAC 150A FRAME	HVPS circuit breaker
608373-01	CIRCUIT BREAKER, 7A 3POLE 480V	Pump and cavity blower circuit breakers
608374-01	PLUG, RATING 7 AMPS	Pump and cavity blower breaker rating plugs
608375-01	PLUG, RATING 110 AMPS	HVPS breaker rating plug
608098-01	RESISTOR, HV 75M OHM 15KV	Voltage ladder resistor for HV metering
61200368	PCA, HV METERING CONN	Terminates all HV metering
61200362	PCA, COLLECT CURRENT SENSOR	Collector current 1-5 sensors
61200370	PCA, HV CONNECTOR BLOCK	Interconnection module for cathode HV line
608301-01	MONITOR, FLOW VISC 1"NPT	Oil or water/glycol flow meter
608293-01	MONITOR, VAR VISC 1/2" FNPT	Flow meter for water/glycol to anode
61200410	BLOWER & HARNESS ASSEMBLY	Cavity blower with power cord
608480-01	SENSOR, PHOTO REFLECTIVE MICRO	Ground hook stowed sensor
608274-01	FILTER, REPLACEMENT ELEMENT	Oil filter
608340-01	SEALANT, HYDRAULIC 569	Hydraulic sealant needed when replacing pump
605431-01	THERMOSTAT, 1A13380P1	Heat exchanger thermostat
608677-01	OIL, INSULATING ALPHA 2	Alpha-2 two oil, 5 gal can

At Comark, we are constantly striving to improve the satisfaction of both our new and existing customers. Please do not hesitate to contact Comark Customer Service with any questions you may have concerning the contents of this service bulletin.

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