

Standard Electronic Assemblies Support

Monday, April 19, 2021

Model Number	Description	Repair Charge
00418950	2 Electrode Probe Burkert 8225-FKM-PVDF	3,188.00
00418954	2 Electrode Probe Burkert 8225-FPM-PVDF	3,188.00
00431673	Conductivity Probe, Inductive High Range Burkert 8226-FKM-	3,188.00
00431674	Conductivity Probe, Inductive High Range Burkert 8226-FKM-	3,188.00
05400052	Instrument Panel Board, Genie GTH-5519	367.00
11467000	Servo Motor, PMI U12M4 X/Y Axis	963.00
13570000	Servo Motor, PMI (Sequencer)	845.00
14573000	Servo Motor, PS 33VM52-000-20	833.00
14573001	Servo Motor, PACSCI 33VM520004	833.00
15331000	Buffered AC Assembly	375.00
15369000	Isol LTH Assembly	234.00
15434000	Buffered DC Assembly	271.00
15924000	Power Supply, Lambda (LXD-3-152)	564.00
16044000	CIT Assembly	234.00
16207000	Extender Assembly	107.00
16681000	DAC FDBK Assembly	217.00
16811000	Servo Amp Assembly	232.00
17143000	Display Driver Assembly	188.00
17146000	SS Sensor Assembly	162.00
17255000	Sequencer Control Driver Assembly	152.00
17263000	Signal Generator Assembly	424.00
17436000	BIN Decode Assembly	210.00
17477000	Power Supply Chassis, VCD	2,222.00
17550001	Rotary Encoder, 152-021-250-11UF	160.00
17550002	Rotary Encoder, 152-021-100-11UF	160.00
17550003	Rotary Encoder, 152-021-127-11UF	160.00
17550004	Rotary Encoder, 152-021-500-11UF	160.00
17550005	Rotary Encoder, 152-021-XXX-11UF	160.00
17550006	Rotary Encoder, DRC, 152-021-1024	160.00
17550007	Rotary Encoder, 152-021-XXX-11UF	160.00
17550008	Rotary Encoder, 152-021-XXX-11UF	160.00
17579000	16 AC Out Assembly	327.00
17622000	16 DC Input Assembly	135.00
17675000	DAC FDBK 2 Assembly	217.00
17733000	FIT 16 Assembly	117.00
17736000	CIT 16 Assembly	210.00
17745000	Cable Conn	50.00
17853000	11/05 Interface Board	281.00
17854000	11/05 Interface Assembly	281.00
17896000	Cable Extender	86.00

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Model Number	Description	Repair Charge
18013000	11/03 Interface Assembly	272.00
18224000	DL11W Serial Intf. Bd. (M7856)	419.00
18224001	Serial Interface (Plessey)	419.00
18230000	Index Driver Assembly	323.00
19005000	Bin Control Assembly	210.00
19275000	Four Sensor Assembly	183.00
20264000	Power Supply, Lambda (LTS-10-5-0V)	284.00
20731000	Pancake Driver Assembly	219.00
20882000	Depth Stop Driver Assembly	217.00
20931000	C-MOS Memory Board 8K x 16	375.00
21407000	Power Sequencer Assembly (8221/V2)	172.00
21434000	DC Output Assembly	217.00
21713000	BEC, Board Error Correction Assembly	154.00
21755000	Wire Feeder Assembly	162.00
21791000	BEC Meter Box	269.00
21928000	8221/V2 CPU Interface (Top Board)	675.00
21955000	Power Motor Drive Assembly	204.00
22024000	Sequencer Driver 3 Assembly	160.00
22554000	Pin Driver Assembly, Dip Verifier B	672.00
22625000	CIT FIT Assembly, DIP Verifier Top	672.00
22776000	Sequencer Power Chassis Assembly	2,303.00
23133000	Multi Input Assembly	132.00
23928000	Interlock Panel Assembly	112.00
24132000	Cont Term PCB Assembly	83.00
24204000	32 DC Output Assembly	129.00
24209000	32 DC Input Assembly	129.00
24515000	DIP Lead Cut Sensor Assembly	0.00
24672000	Switch Assembly	86.00
24897000	8 AC Out Assembly	191.00
25073000	Part in Position Sensor Assembly	93.00
25086000	Part in Position Sensor Assembly	111.00
25327000	Display Driver Assembly	188.00
25343000	Servo Amp 2 Assembly	195.00
25521000	Power Sequencer Assembly (8221/V2)	172.00
25870000	8221/V2 LSI/11 Boot Assembly (Bottom Board)	419.00
25906000	DIP Verifier Assembly	763.00
25922000	Sensor Interface 2 Assembly	78.00
26838000	PC Bd Multi-and Interface Assembly	83.00
26892000	Power Supply, LH Research, 8221/V2, TTM22-E1086/115	649.00
27118000	8222/V3 Backplane	380.00

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Model Number	Description	Repair Charge
27172000	Power Sequencer Assembly (8223/V3 Controller) (other part #	193.00
27425000	8 AC Out Assembly	191.00
27514000	ROM Bootstrap Board (8222/V3 Controller)	198.00
27555000	11/23 Processor Board (M8186) Non-EMO	1,408.00
30002400	MIT Assembly	352.00
30009600	8221/V2 Controller (16K CMOS Memory)	2,243.00
30009601	8221/V2 Controller (16K CMOS Memory)	2,243.00
30009700	8221/V2 Controller (16K CMOS Memory)	2,243.00
30009800	8221/V2 Controller (32K CMOS Memory)	2,243.00
30009802	8221/V2 Controller (128K CMOS Memory w/EMO)	2,614.00
30014100	Power Supply, LH Research, 8222/V3 (TM22-12Y/115)	475.00
30014200	8222/V3 Chassis w/ Power Supply	1,254.00
30031500	Power Supply, LH Research, TM22-12Y 5V/12V	475.00
30032800	4 Ch. Serial Line Unit (Grant or Plessey)	361.00
30042800	8222/V3 Controller (32K CMOS Memory)	2,243.00
30042801	8222/V3 Controller (48K CMOS Memory)	2,243.00
30072900	Com Interface 1 Assembly	183.00
30109000	Power Supply, +5, +12, +-15V (Deltron SQ175)	698.00
30109001	Power Supply, +5, +12, +-15V (LH TM34)	698.00
30131900	C-MOS Memory Board 16K x 16	465.00
30138600	Cable QSLU to Comm Int.	58.00
30188600	Cut Sense Assembly	50.00
30342901	Optical Refire Detector	172.00
30343300	ERV, PCB and Frame Assembly	2,388.00
30392901	Optical Refire Detector Assembly	124.00
30398801	Power Supply Chassis	1,926.00
30447900	Tstr 2 Panel Driver Assembly	200.00
30447901	Tstr 2 Panel Driver Assembly	200.00
30450801	ERV, System Cabinet	3,343.00
30450807	ERV, System Cabinet	3,343.00
30451201	Power Supply, LH Research ERV, TTM23-E1087/115	487.00
30478800	Quad DAC Assembly	336.00
30485501	8 AC Out 2 Assembly	191.00
30497802	ERV, System Cabinet	3,343.00
30529501	Test Assembly	139.00
30533501	Soft Drop Control Assembly	125.00
30589702	Mag Sense Assembly	523.00
30590201	HD Switch 2 Assembly	99.00
30604301	Mag Sense Dr. Assembly	523.00
30662201	Dual DAC Fdbk Assembly	226.00

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Model Number	Description	Repair Charge
30662202	Dual DAC Fdbk Assembly	226.00
30665102	.300 DM EMT Asm.	93.00
30750401	Dual MPS Amp Assembly	555.00
30782301	Head Inline Assembly	111.00
30782308	Head Inline Assembly	111.00
30846501	Rotary Encoder, 152-021-250-UUFS 699	160.00
30956601	Com Interface 3 Assembly	107.00
40051001	Servo Motor, PMI U12M4 w/ Pully	963.00
40051002	Servo Motor, PMI U12D-A Platinum	1,345.00
40136100	Serial Interface Driver Assembly	234.00
40136101	Serial Interface Driver Assembly	234.00
40136107	Serial Interface Driver Assembly	234.00
40136134	Serial Interface Driver Assembly	234.00
40162801	Drive Assembly	401.00
40278101	MMU for M8186 EMO upgrade	483.00
40303401	FMI Assembly	224.00
40348301	8223/J11 CPU Assembly	2,839.00
40348302	8223/J11 CPU Assembly	2,839.00
40384302	8223/J11 CPU Assembly	2,839.00
40412601	Micro Stepper Driver Assembly	475.00
40420401	Micro Stepper Driver Assembly (40528901)	475.00
40472001	128k Memory Expansion Board	531.00
40480302	Power Supply, 12 VDC	447.00
40507701	Serial I/O Expansion Assembly	507.00
40528901	Micro Stepper Driver Assembly	475.00
40536903	ERV, Upgraded Version	2,388.00
40537001	ERV, PCB and Frame Assembly	2,388.00
40537002	ERV, Seq Tst 2C Assembly	2,388.00
40537003	ERV, PCB and Frame Assembly	2,388.00
40537004	ERV, Seq Tst (New Version Relays)	2,388.00
40541001	20 AC Output Assembly	518.00
40558701	C-MOS Memory Board, 128K x 16	490.00
40583301	8223/J11 Controller 128K	2,839.00
40585501	Tstr. Panel Driver Assembly	189.00
40610201	Servo Amp 3 LP Assembly	327.00
40610801	Servo Amp 3 Assembly	327.00
40610806	Servo Amp 3 Full Power Assembly	327.00
40648002	Servo Motor, 45VM62-020-4	1,311.00
40658601	Motor Tach Asm. 23HD11216E2041	568.00
40676001	Chain Driver Control 3 Asm.	477.00

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Model Number	Description	Repair Charge
40718401	Switching Servo Amp 709-138	1,703.00
40785400	VME 68K Assembly	1,175.00
40785402	VME 68K Assembly	1,175.00
40785404	VME 68K Assembly	1,175.00
40811501	Smart CRT Assembly (Omni)	394.00
40811504	Smart CRT Assembly (Omni)	394.00
40840401	Vac Sense 3 Assembly	319.00
40848301	BEC, Board Error Correction Assembly	154.00
40897301	Motor, 45VM62-000-4/33VM62-000-17	1,028.00
40914001	32 DC Out Assembly	129.00
40939301	ERV, PCB and Frame Assembly	2,388.00
40958701	Sequencer Driver 4 Assembly	160.00
40976401	Servo Motor, PS 33VM52-000-20	833.00
41002101	Omni Head Interface	216.00
41035401	32 DC Input 3 Assembly	129.00
41035801	FMI 3 Assembly	224.00
41036201	Dual Dac Feedback Assembly	226.00
41038201	32 DC Output Assembly	129.00
41038601	MIT 3 Assembly	352.00
41049801	11/73 Processor Board (8222 Controller)	2,123.00
41071201	Chain Driver Control 3 Asm.	477.00
41072001	DAC FDBK 3 Assembly	217.00
41072401	Tester 3 Panel Driver Assembly	200.00
41073001	3 Display Driver Assembly	188.00
41083101	Quad DC PS AD Assembly	423.00
41083901	Servo Amp 3 Medium Power	327.00
41084701	4 AC Out Assembly	154.00
41132401	Switching Servo Amp 709-104 (CMI)	1,703.00
41132402	Switching Servo Amp 709-138	1,703.00
41132403	Switching Servo Amp 709-135	1,849.00
41132404	Switching Servo Amp 709-138	1,703.00
41132405	Switching Servo Amp 709-138	1,849.00
41132406	Switching Servo Amp 709-149	2,297.00
41132407	Switching Servo Amp 709-149	2,297.00
41143001	Rotary Encoder, 153-021-256-11SAN	160.00
41143002	Rotary Encoder, 153-021-500-11SA	160.00
41143003	Rotary Encoder, 153-021-XXX-11SAN	160.00
41143004	Rotary Encoder, DRC, 153-121-900-11S	160.00
41145601	Power Supply, VME System (LH-MM23)	1,574.00
41211201	Feeder Conn.	64.00

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Model Number	Description	Repair Charge
41228601	8222/V3 Controller (128K Mem. w/EMO)	2,614.00
41228701	M8186-11/23 Processor Board (w/ EM Option)	1,605.00
41228801	Kit, Retrofit EMO 128 KB (New)	2,678.00
41260601	MCP Expansion Assembly (Bottom) see 41984900	1,686.00
41270001	Omni Head Interface	216.00
41273001	Power Sequence Assembly (8221/V2 Controller)	193.00
41273401	Power Sequencer Assembly (8222/V3 Controller)	193.00
41273702	Rotary Encoder, 153-021-500-11SAN	160.00
41273703	Rotary Encoder, 153-021-1024-11AM	160.00
41328401	VAC Sensor Assembly	319.00
41354601	ERV Seq Tst 2C Assembly	2,388.00
41391700	Servo Amp 4 Assembly	371.00
41391701	Servo Amp 4 Assembly	371.00
41391703	Servo Amp 4 Assembly	371.00
41391704	Servo Amp 4 Assembly	371.00
41398401	Stepper Control Assembly	490.00
41413901	Vac Sensor 3 Assembly	319.00
41426400	Chain Driver Control 3 Asm.	477.00
41426401	Chain Driver Control 3 Asm.	477.00
41426402	Chain Driver Control 3 Asm.	477.00
41426403	Chain Driver Control 3 Asm.	477.00
41426404	Chain Driver Control 3 Asm.	477.00
41426405	Chain Driver Control 3 Asm.	477.00
41426406	Chain Driver Control 3 Asm.	477.00
41426407	Chain Driver Control 3 Asm.	477.00
41426410	Chain Driver Control 3 Asm.	477.00
41427701	Chain Driver Control 3 Asm.	477.00
41433901	Stepper Driver 3 Assembly	621.00
41436501	Servo Motor, PAC SCI 33VM62-020-20	637.00
41439901	Rotary Encoder, 822-256-IALP	160.00
41440901	VME 32 I/O Assembly	700.00
41445402	MCP Expansion Assembly (Top) see 41984900	1,686.00
41463501	CIT FIT Assembly	672.00
41463901	Pin Driver Assembly	672.00
41473901	VME MX Interface Assembly	607.00
41490401	8 DC HPVD Assembly	203.00
41490402	8 DC HPVD Assembly	203.00
41513101	Bus Grant Board	58.00
41529801	8221/V2 Controller 128K	2,614.00
41555601	16 AC Out Assembly	327.00

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Model Number	Description	Repair Charge
41555801	16 AC Out Assembly	327.00
41556901	Vac Sensor 3 Assembly	319.00
41570001	8222/V3 Controller (256K Mem.11/73)	2,614.00
41585801	Servo Amp 5 Assembly	695.00
41621101	Test 3 Assembly	139.00
41632901	Power Monitor, VME	383.00
41653602	VME 68K Assembly w/ Smartwatch	1,175.00
41653801	VME 68K Assembly	1,175.00
41653802	VME 68K Assembly	1,175.00
41666001	Com Interface 4 Assembly	124.00
41693301	EMI/PS Assembly	318.00
41693302	EMI/PS Assembly	318.00
41693401	Latch Rotary Table Switch	132.00
41702001	8223/J11 Controller 256K	2,839.00
41702002	8223/J11 Controller 256K	2,839.00
41716301	Dual DAC FDBK 4 Assembly	226.00
41716302	Dual DAC FDBK 4 Assembly	226.00
41716303	Dual DAC FDBK 4 Assembly	226.00
41723101	Tstr. 3 Panel Driver Assembly	200.00
41723201	ERV System Cabinet Complete (TSTR Panel, SEQ TST 4178	3,343.00
41723202	ERV System Cabinet Complete	3,343.00
41725205	ERV System Cabinet Complete	3,343.00
41739501	Dual MPS Amp Assembly	555.00
41752101	ERV, Seq. Tst. 3 Assembly	2,388.00
41756001	RMT Feeder Out Assembly	281.00
41774602	Sony 9" RGB CRT (CPD-9000)	845.00
41785301	ERV, PCB and Frame Assembly	2,388.00
41785302	ERV, PCB and Frame Assembly	2,388.00
41785303	ERV, SEQ TST/PCB and Frame Asm	2,388.00
41819601	Control Motion 444-133, 444t	1,591.00
41819901	Servo Amplifier	617.00
41851701	Servo Amp 4 LP Assembly	383.00
41851703	Servo Amp 4 LP Assembly	383.00
41851704	Servo Amp 4 LP Assembly	383.00
41851705	Servo Amp 4 LP Assembly	383.00
41851706	Servo Amp 4 LP Assembly	383.00
41852906	AIS3000 Vision System	2,411.00
41952101	ERV, Seq. Tst 2C Assembly	2,388.00
41967201	Estop Interface Assembly	171.00
41967801	Frost Sense Assembly	189.00

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Model Number	Description	Repair Charge
41977501	Omni Head Interface	216.00
41984900	VME MCP Assembly	1,686.00
41984901	VME MCP Assembly	1,686.00
41984902	VME MCP Assembly	1,686.00
41984903	VME MCP Assembly	1,686.00
42001801	Servo Motor QMC 641B-208	1,206.00
42001802	Servo Motor QMC 642B-209	2,125.00
42001803	Servo Motor QMC 745-1955	1,206.00
42001804	Servo Motor QMC 4561-MT3053	1,206.00
42002301	Feeder Control Assembly	64.00
42002501	Feeder Controller Assembly	64.00
42004702	VME Quad DAC Fdbk Asm.	1,027.00
42004705	VME Quad DAC Fdbk Asm.	1,027.00
42010301	Micro Interface (Optical Refire Sys)	176.00
42010302	Micro Interface (Optical Refire Sys)	176.00
42020101	Power Supply, VHA420	290.00
42020102	Power Supply, VHA423	304.00
42033801	Dual DAC Feedback Assembly	226.00
42034601	BEC, Board Error Correction Assembly	154.00
42047301	8223/J11 Stand Alone, w/ Exp I/O	3,000.00
42047302	8223/J11 Stand Alone	2,839.00
42052501	MM 16 DC I/O Assembly	319.00
42053101	8 AC Out Assembly	191.00
42088101	MMIT Assy	319.00
42112901	8223/J11 256k Assembly	2,839.00
42117901	3 Display Driver Assembly	223.00
42228001	Power Supply, 48V ABH Chassis	1,703.00
42231901	Power Supply, VME ST 150-122	637.00
42238201	MM Quad DAC Assembly	492.00
42339501	20 AC Out Assembly	518.00
42339502	20 AC Out Assembly	518.00
42349601	Chain Driver Assembly	959.00
42367801	MIT	352.00
42368701	MIT Assembly	352.00
42384201	EMI/PS Assembly	318.00
42422001	SMPI Converter	160.00
42425401	Motor Tach Encoder MTE2115-100BE (5 Week Lead)	858.00
42450401	Vac Sense 3 (RMT) Assembly	319.00
42453501	Board Conveyor Control Assembly	345.00
42453502	Board Conveyor Control Assembly	345.00

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Model Number	Description	Repair Charge
42453503	Board Conveyor Control Assembly	345.00
42459002	Servo Amplifier Z Axis (PMI 0088055002)	942.00
42472401	Power Supply	152.00
42486101	INTF/ISO	0.00
42505501	Led Sensor I/O Assembly	319.00
42517603	Wire Feeder Assembly	162.00
42552301	Power Supply, Deltron W118D, 48 VDC, 3A	284.00
42552302	Power Supply, Deltron W209B, +12 VDC, 6.8A	284.00
42558301	ERV, Upgraded Version	2,388.00
42561701	Stepper Driver 3 Asm.	621.00
42582501	Cable Conn	50.00
42587602	8 DC HPVD Assembly	203.00
42587603	8 DC HPVD Assembly	203.00
42591401	Dual MPS Amp Assembly	555.00
42602601	Dual DAC FDBK 4 Assembly	226.00
42611701	B/W Monitor (Javelin Audiotronics)	275.00
42616801	68008 CPU Assembly	1,059.00
42632101	Tstr. 3 Panel Driver Assembly	200.00
42632201	Tstr. 3 Panel Driver Assembly	200.00
42641101	Vac Sensor 3 Assembly	319.00
42642501	Stepper Driver 3 Asm.	621.00
42661301	Power Supply, +5 VDC and +12 VDC (SNP-6880)	138.00
42699001	DIG IT Control Assembly	1,008.00
42699301	Rotary Encoder, 153-021-250-11SAM	160.00
42796401	HPVD REG CIRCUIT Assembly	74.00
42849701	EXP VME 68K Assembly 12M	1,175.00
42849702	EXP VME 68K Assembly 12M w/ Smartwatch	1,175.00
42928901	Part In Position Sensor Assembly	111.00
42939101	Omni Head Interface	216.00
42939701	Rotary Encoder, 153-021-xxx-11xxx	160.00
42972901	High Power Servo Amp	524.00
42972902	High Power Servo Amp	524.00
42986001	Feeder Controller Assembly	64.00
43011601	VME Pwr Monitor	383.00
43033101	Power Supply, Lambda LFS-44-12	804.00
43125201	Dual MPS Amp Assembly	555.00
43154501	8223/J11 Controller 128K	2,839.00
43155001	128K Memory Expansion Board	531.00
43159501	8223/J11 Controller 128K	2,839.00
43209002	8223/J11 CPU Asm.	2,839.00

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Model Number	Description	Repair Charge
43210201	128K Memory Expansion Board	531.00
43220701	Rotary Encoder 153-021-250-11S	160.00
43279201	VME 256 KB CMOS Memory Board Asm.	963.00
43279202	VME 1 MB CMOS Memory Board Asm.	1,046.00
43287817	SMPI Conversion Box	160.00
43320101	Part Detector Assembly (J0040201 TLM)	318.00
43329900	8223/J11 CPU Asm.	2,839.00
43329902	8223/J11 Controller 256K	2,839.00
43356701	VME Machine Interface	577.00
43356702	VME Machine Interface	577.00
43379700	8223/J11 Controller	2,839.00
43379702	8223/J11 Controller	2,839.00
43379703	8223/J11 Controller	2,839.00
43407201	ERV Switch Assembly	285.00
43423001	128K Expanded Memory (J11)	531.00
43432001	128K Memory Expansion Board	531.00
43481201	Dual MPS Amp Assembly	555.00
43538401	MIT Assembly	352.00
43538601	MIT Assembly	352.00
43598901	Chain Driver Control 68K Asm.	959.00
43598902	Chain Driver Control 68K Asm.	959.00
43598903	Chain Driver Control 68K Asm.	959.00
43611001	EXP VME 68K 12Mhz Asm.	1,175.00
43611101	EXP VME 68K 8 Mhz Asm.	1,175.00
43612400	VME MCP Assembly	1,686.00
43612401	VME MCP Assembly	1,686.00
43612402	VME MCP Assembly	1,686.00
43612501	VME 68K 12Mhz Asm.	1,175.00
43612502	VME 68K 12Mhz Asm.	1,175.00
43612504	VME 68K Assembly	1,175.00
43612601	VME 68K 8Mhz Asm.	1,175.00
43613502	VME 68K Assembly	1,175.00
43613504	VME 68K Assembly 8 Mhz	1,175.00
43614301	8223/J11 Controller 128K	2,839.00
43637701	Power Supply, 48/12/12VDC P500, Farnell	892.00
43668701	Stepper Driver, Vexta UDX5128NA	1,122.00
43672901	SBT System	2,975.00
43672902	SBT System	2,975.00
43673001	SBT System	2,975.00
43682901	Extender Card, MIB 80 Contact	195.00

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Model Number	Description	Repair Charge
43803501	HD Interface Assembly	234.00
43898801	Stepper Control Assembly	490.00
43915501	ERV, Upgraded (Seq Tst, Panel DR, Mit)	3,196.00
43963601	VME Controller	0.00
44024101	MMIT	480.00
44030601	TSVME440, Themis w/ 44791911 & 811 eproms	0.00
44033002	DAC FDBK 2 Assembly	217.00
44225401	RAMTF I/O Assembly	1,602.00
44308901	Local I/O Assembly	319.00
44316801	MM 16 I/O Assembly	272.00
44319301	Power Supply, Vicor ST4-1515	965.00
44332002	FDR Control Board	0.00
44335801	Feeder Interface Assembly	630.00
44373701	Radisys, CPU EPC 5, 80386-25	2,854.00
44373702	Radisys, CPU EPC 5, 80486-33 or 80486-66	2,854.00
44373703	Radisys, CPU EPC 5, 80486DX-100	2,854.00
44373704	Radisys, CPU EPC 5A, 486DX4-100, 32MB	2,854.00
44373802	Video Controller Card, EXM-13A, Radisys	1,124.00
44374101	Ethernet Interface, EXM-10A, Radisys	1,124.00
44461502	Rotary Encoder, 1000C/R inline	160.00
44486701	Low Power Servo Assembly, 8 Axis Modular DC Drive System,	-18.00
44520001	Servo Driver, ACS3000 S3002M000007 CMC X Axis *CALL*	0.00
44520101	Power Supply, ACS3000 CMC	3,015.00
44520201	Power Supply, ACS3000 CMC	3,015.00
44530003	Multi Input Assembly	132.00
44555601	Keyboard, PREH 90307-003/0001	724.00
44735902	Power Supply, Deltron V120C 15V, 8A	284.00
44807601	Servo Amplifier, Copley 218	685.00
44866201	Transfer Amp Assembly	0.00
44902801	8 AC Out Assembly	191.00
44927102	Video Card, EXM-14, Radisys	637.00
44956001	16 DC Input Assembly	135.00
45000101	FIT 16 Assembly	117.00
45041401	Servo Amplifier 2A, Copley	766.00
45041403	Servo Amplifier 2A, Copley 800-150	766.00
45118706	UIC Camera	2,411.00
45136501	HP Amplifier Interface Asm.	1,749.00
45170901	Power Supply, Deltron M44R2344-08K	622.00
45171101	Power Supply, SSI SQM225-1233	448.00
45171102	Power Supply, SSI SQM225-1233	431.00

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Model Number	Description	Repair Charge
45219001	Power Supply, LH Research, TM11-1/115	551.00
45287602	8 DC HPVD Assembly	203.00
45287603	8 DC HPVD Assembly	203.00
45314201	AIS3500EX Vision System	3,015.00
45327801	DC Converter Assembly	258.00
45411701	5240 Indexer/Drive	797.00
45444901	ULC Illuminator	0.00
45475201	Radisys, EXM-9, FDD and HDD Controller	731.00
45521101	Vision Interface Assembly	0.00
45573101	Vision Camera	2,411.00
45656401	32 DC Input Assembly	129.00
45711901	Multi Input Assembly	160.00
45719901	Power Supply, ERV Deltron 11599XA	526.00
45771201	Servo Amplifier 4A, Copley	766.00
45771202	Servo Amplifier, Copley	766.00
45858901	Handling Distribution Board	239.00
45858902	Handling Distribution Board	239.00
45858903	Handling Distribution Board	239.00
45858904	Handling Distribution Board	239.00
45858905	Handling Distribution Board	239.00
45982901	Servo Amplifier, Brushless PAC-SCI SC903-020-01	1,445.00
45982903	Servo Amplifier, Brushless PAC-SCI SC903-033-01	1,445.00
45982906	Brushless Servo Drive, Pac Sci PC833-106-N	2,102.00
45983001	Servo Amplifier, Y Axis PAC-SCI SC904-021-01	1,842.00
46007901	Power Distribution Assembly	736.00
46007902	Power Distribution Assembly	736.00
46054001	Power Supply, Deltron 11632XA, 12V15A;15V8A;24V2A	764.00
46054101	Power Supply, PFC0500-3AH-Z (sub w/ SSI F4B3A4A4)	561.00
46088101	UIMC Axis Control (PFS-002)	1,520.00
46088103	UIMC3 Axis Control (PFS-114)	1,520.00
46088201	UIMC Axis Control	1,520.00
46088203	UIMC Axis Control	1,520.00
46118701	UL Camera, 4 Mil	2,411.00
46118704	Camera, 1 Mil	2,411.00
46150501	Tester 4 Panel Driver Assembly	200.00
46344001	630VME, Lantern Vision, 2MB	7,434.00
46344003	630VME, Lantern Vision, 8MB	7,434.00
46344005	Lantern Vision Brd., AISI 630VME 8MB	7,434.00
46413701	EXP-Video Card, EXP-VID, Radisys	1,770.00
46485701	PEC, CCD Camera, GP-MS112	1,602.00

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Model Number	Description	Repair Charge
46518901	PTF CTRL I/O Assembly	1,269.00
46521801	Force, CPU 30 Lite 68030/8MB	2,090.00
46552102	Power Supply, SSI SDS350-24-C, 24V 15A	476.00
46552301	Power Supply, SSI SDS350-24-C	476.00
46553501	UL Camera, 4 Mil	2,411.00
46560101	PTF1 Motion Control Assembly	0.00
46701701	PC BD, DSP Control	0.00
46701703	PC BD, DSP Control	0.00
46701704	PC BD, DSP Control	0.00
46721802	UL Camera, 4 Mil	2,411.00
46721803	UL Camera	2,411.00
46757901	X-Axis Motor, Parker	0.00
46758101	Elevator Servo Motor, Parker	0.00
46778801	UL Camera, 4 Mil	2,411.00
46778807	UL Camera	2,411.00
46778811	UL Camera, 4 Mil	2,411.00
46803804	Sequence 8 Axial Inserter VME Controller	6,211.00
46861601	Power Supply, TODD MAX-354-1205AC, UIC RAD8	959.00
46878701	Servo Amplifier, Brushless PAC-SCI SC902	1,445.00
46878702	Servo Amplifier, Brushless PAC-SCI SC902	1,445.00
47008701	Rotary Encoder, DRC, 153-121-500-22CZ838	160.00
47019901	UIMC Axis Control	1,520.00
47063101	UL Camera, 4 Mil	2,411.00
47063201	UL Camera, 2.6 Mil	2,411.00
47064801	Servo Amplifier, Copley 800-444	465.00
47066902	UPS, 3000 P3HVSE (Exchange Only)	2,251.00
47075601	Servo Amplifier, Brushless PAC-SCI SC904-032-01	1,842.00
47075602	Brushless Servo Drive Pac Sci PC800 PC834-105-N	2,303.00
47147501	Servo Amp, Brushless PAC-SCI SC903 *NO PROGRAM	0.00
47188003	PCBD CPU 256MB, EPC 16 EPC1316 EPC-16	4,012.00
47202701	ElectroCraft Amp, 9101-1563	2,226.00
47202702	ElectroCraft Amp, 9101-1625	0.00
47203001	ElectroCraft Amp, 9101-1566	0.00
47261404	PWC Axis Amp Assembly	0.00
47458202	Power Supply, LH Research, TM41-2/230	551.00
47466601	MMIT Repeater	564.00
47466602	MMIT Repeater	564.00
47467301	Force, CPU 30 Lite	2,733.00
47467302	Force, CPU 30 Heavy 16MB	2,733.00
47486101	Camera Black Box	0.00

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Model Number	Description	Repair Charge
47545701	CPU, VME EPC 9	2,540.00
47547001	Power Supply, Deltron FT32C233-00	965.00
47549901	UL Camera	2,411.00
47817301	Feeder Interface Assembly (Large)	630.00
48048301	BEC, Board Error Correction Assembly	154.00
48187901	Ethernet Interface, EXM-10A, Radisys	1,124.00
48216301	Brushless Servo Motor, 1843629020, ElectroCraft	0.00
48228001	ElectroCraft Amp, 9101-1748	2,226.00
48320801	LP Power Supply Module, 80V, +15V, -15V	680.00
48324601	Electro Craft Servo Amp	0.00
48433405	Servo Motor, CM166XX-112183H HSC Head Turret, Parker	0.00
48449301	Power PC, MVME2101-01	0.00
48660106	Servo Drive, CP*48660106, Parker	0.00
48660206	Servo Driver: SO # 1064094	0.00
48789002	VRM Servo Amp, MTS	3,376.00
48789003	VRM Servo Amp, MTS	3,376.00
48789004	VRM Servo Amp, MTS	3,376.00
48789102	VRM Power Supply, Parker	3,960.00
48789103	VRM Power Supply, Parker	3,960.00
48789104	VRM Power Supply, Parker	3,960.00
48797302	PCBD CPU 256MB, EPC 16 EPC1316 EPC-16	4,012.00
48797303	PCBD CPU 512MB, EPC 16 EPC1316 EPC-16	4,816.00
48890402	PC Camera Assembly, Cohu	0.00
49159802	PC Camera Assembly, COHU	0.00
49197001	UL Camera, 1 Mil	2,211.00
49197101	UL Camera, 2.6 Mil	2,542.00
49197301	ULC Camera, 4 Mil	2,542.00
49197601	ULC Camera, 1 Mil, Circular Lighting	2,470.00
49197701	ULC Camera, 2.6 Mil, Circular Lighting	2,470.00
49197901	ULC Camera, 4 Mil, Circular Lighting	2,470.00
49198101	ULC Camera, 1 Mil, Circular OFA	2,470.00
49198201	ULC Camera, 2.6 Mil, Circular OFA	2,470.00
49198301	ULC Camera, 4 Mil, Circular OFA	3,234.00
49198501	ULC Camera, 4 Mil, Circular OAL	3,651.00
49198601	ULC Camera, 2.6 Mil, Circular OAL	2,889.00
49367001	Power Supply, Astec MP6-2V-2V-20, 85-264 VAC; 42V, 42V;	963.00
49375801	PCA, Power-PS MCOS, Motorola	4,019.00
49375802	PCA, Power-PC MCOS, Motorola	4,019.00
49385801	ESI Vision Processor, AIS 640H/266	10,447.00
49400002	Magellan Camera, 2.3 Mil	5,919.00

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Model Number	Description	Repair Charge
49400003	Magellan Camera, 2.3 Mil	5,919.00
49401501	Power Supply, LPS118-B, 48V 2.3A	276.00
49511004	Universal HSCZ Drive Motor Assembly, CM166XX-1121834H	2,391.00
49706201	Servo Amp Brushless PAC-SCI SC 903-020-01	1,445.00
49706202	Servo Amp Brushless, PC834	1,663.00
49706301	Servo Amp, PC800, PC834-107-N	2,303.00
49706302	Servo Amp, PC800, PC834-107-N	2,303.00
49706303	Servo Amp, PC800, PC834-109-N	2,303.00
49710301	Power Supply, 5V60A; 12V10A; 12V 4A, Astec, MP4-2E-4LL-0	1,449.00
49732303	PCA Head Cage Interface Board	0.00
49739002	PCA, I/O Control, PCB Universal Genesis Machine	0.00
49800001	Power Supply, 12V 30A, 48V 7.5A (MP6-2L-2W-00)	1,252.00
49820701	HV Power Supply, Universal 49820702	1,310.00
49820702	Stepper Drive, Parker Hannifin	0.00
49827104	HSC Lightning Head Motherboard	0.00
49827105	HSC Lightning Head Motherboard	0.00
49827106	HSC Lightning Head Motherboard	0.00
49928803	PCA Flex Head Control Board	0.00
50045601	Servo Amplifier, VRDM, Universal Instruments	1,399.00
50045602	Servo Amplifier, VRDM X-Axis, Universal Instruments	1,231.00
50045603	Servo Amplifier, VRDM, Universal Instruments	1,399.00
50045604	Servo Amplifier, VRDM, Universal Instruments	1,399.00
50045606	Servo Amplifier, VDRM, Universal Instruments	1,399.00
50045607	Servo Amplifier, VRDM PHI-Axis, Universal Instruments	1,399.00
50045702	Servo Amplifier, VRDM Y-Axis, Universal Instruments	1,399.00
50045703	Servo Amplifier, VRDM, Universal Instruments	1,399.00
50045704	Servo Amplifier, VRDM, Universal Instruments	1,399.00
50045706	Servo Amplifier, VRDM, Universal Instruments	1,399.00
50045707	Servo Amplifier, VRDM, Universal Instruments	1,399.00
50234301	PM Servo Motor, AKM52K-SSCNS-M2	2,040.00
50322401	Magellan Camera, 0.5 Mil	5,919.00
50335901	Power Supply, Astec LPS125, 24V,3.4A (Advantis)	257.00
50604702	VRM Power Supply, Parker	3,376.00
50727101	Brushless Servo Drive, PAC SCI, PC 834-114-N	1,827.00
50742002	PC Camera Assembly A601f-2, Basler	6,509.00
50742101	PC Camera Assembly A601f-2, Basler	3,653.00
50814202	VRM Controller	3,182.00
51160901	Magellan Camera, 2.3 Mil, Firewire	5,919.00
51161101	Magellan Camera, 0.94 Mil, Firewire	5,919.00
51427701	Common I/O Control	1,719.00

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<u>Model Number</u>	<u>Description</u>	<u>Repair Charge</u>
51501101	PC Board, Motherboard, Universal Instruments	1,427.00
51596801	PCA Flex Jet Head Control Board	0.00
51854401	Servo Amplifier, VRDM, Universal Instruments	1,231.00
51854501	Servo Amplifier, VRDM PRD--0051AMPz-X2 Firmware V2.0.6	1,417.00
52149602	Motherboard, Super C2SBC-Q	1,581.00
52214801	PC Camera Assembly A601f, Basler	0.00
70000533	4 Ch. Serial Line Unit (Plessey)	361.00
89301017	Monitor, CDS-900	403.00