

Standard Electronic Assemblies Support

Monday, August 28, 2023

Model Number	Description	Repair Charge
00418950	2 Electrode Probe Burkert 8225-FKM-PVDF	3,507.00
00418954	2 Electrode Probe Burkert 8225-FPM-PVDF	3,507.00
00431673	Conductivity Probe, Inductive High Range Burkert 8226-FKM-	3,507.00
00431674	Conductivity Probe, Inductive High Range Burkert 8226-FKM-	3,507.00
00431679	Conductivity Probe 8226-FKM-PVDF	0.00
05400052	Instrument Panel Board, Genie GTH-5519	404.00
11467000	Servo Motor, PMI U12M4 X/Y Axis	1,060.00
13570000	Servo Motor, PMI (Sequencer)	930.00
14573000	Servo Motor, PS 33VM52-000-20	917.00
14573001	Servo Motor, PACSCI 33VM520004	917.00
15331000	Buffered AC Assembly	413.00
15369000	Isol LTH Assembly	258.00
15434000	Buffered DC Assembly	299.00
15924000	Power Supply, Lambda (LXD-3-152)	621.00
16044000	CIT Assembly	258.00
16207000	Extender Assembly	118.00
16681000	DAC FDBK Assembly	239.00
16811000	Servo Amp Assembly	256.00
17143000	Display Driver Assembly	207.00
17146000	SS Sensor Assembly	179.00
17255000	Sequencer Control Driver Assembly	168.00
17263000	Signal Generator Assembly	467.00
17436000	BIN Decode Assembly	231.00
17477000	Power Supply Chassis, VCD	2,445.00
17550001	Rotary Encoder, 152-021-250-11UF	176.00
17550002	Rotary Encoder, 152-021-100-11UF	176.00
17550003	Rotary Encoder, 152-021-127-11UF	176.00
17550004	Rotary Encoder, 152-021-500-11UF	176.00
17550005	Rotary Encoder, 152-021-XXX-11UF	176.00
17550006	Rotary Encoder, DRC, 152-021-1024	176.00
17550007	Rotary Encoder, 152-021-XXX-11UF	176.00
17550008	Rotary Encoder, 152-021-XXX-11UF	176.00
17579000	16 AC Out Assembly	360.00
17622000	16 DC Input Assembly	149.00
17675000	DAC FDBK 2 Assembly	239.00
17733000	FIT 16 Assembly	129.00
17736000	CIT 16 Assembly	231.00
17745000	Cable Conn	55.00
17853000	11/05 Interface Board	310.00
17854000	11/05 Interface Assembly	310.00

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Model Number	Description	Repair Charge
17896000	Cable Extender	95.00
18013000	11/03 Interface Assembly	300.00
18224000	DL11W Serial Intf. Bd. (M7856)	461.00
18224001	Serial Interface (Plessey)	461.00
18230000	Index Driver Assembly	356.00
19005000	Bin Control Assembly	231.00
19275000	Four Sensor Assembly	202.00
20264000	Power Supply, Lambda (LTS-10-5-0V)	313.00
20731000	Pancake Driver Assembly	241.00
20882000	Depth Stop Driver Assembly	239.00
20931000	C-MOS Memory Board 8K x 16	413.00
21407000	Power Sequencer Assembly (8221/V2)	190.00
21434000	DC Output Assembly	239.00
21713000	BEC, Board Error Correction Assembly	170.00
21755000	Wire Feeder Assembly	179.00
21791000	BEC Meter Box	296.00
21928000	8221/V2 CPU Interface (Top Board)	743.00
21955000	Power Motor Drive Assembly	225.00
22024000	Sequencer Driver 3 Assembly	176.00
22554000	Pin Driver Assembly, Dip Verifier B	740.00
22625000	CIT FIT Assembly, DIP Verifier Top	740.00
22776000	Sequencer Power Chassis Assembly	2,534.00
23133000	Multi Input Assembly	146.00
23928000	Interlock Panel Assembly	124.00
24132000	Cont Term PCB Assembly	92.00
24204000	32 DC Output Assembly	142.00
24209000	32 DC Input Assembly	142.00
24515000	DIP Lead Cut Sensor Assembly	0.00
24672000	Switch Assembly	95.00
24897000	8 AC Out Assembly	211.00
25073000	Part in Position Sensor Assembly	103.00
25086000	Part in Position Sensor Assembly	123.00
25327000	Display Driver Assembly	207.00
25343000	Servo Amp 2 Assembly	215.00
25521000	Power Sequencer Assembly (8221/V2)	190.00
25870000	8221/V2 LSI/11 Boot Assembly (Bottom Board)	461.00
25906000	DIP Verifier Assembly	840.00
25922000	Sensor Interface 2 Assembly	86.00
26838000	PC Bd Multi-and Interface Assembly	92.00
26892000	Power Supply, LH Research, 8221/V2, TTM22-E1086/115	714.00

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Model Number	Description	Repair Charge
27118000	8222/V3 Backplane	418.00
27172000	Power Sequencer Assembly (8223/V3 Controller) (other part #	213.00
27425000	8 AC Out Assembly	211.00
27514000	ROM Bootstrap Board (8222/V3 Controller)	218.00
27555000	11/23 Processor Board (M8186) Non-EMO	1,549.00
30002400	MIT Assembly	388.00
30009600	8221/V2 Controller (16K CMOS Memory)	2,468.00
30009601	8221/V2 Controller (16K CMOS Memory)	2,468.00
30009700	8221/V2 Controller (16K CMOS Memory)	2,468.00
30009800	8221/V2 Controller (32K CMOS Memory)	2,468.00
30009802	8221/V2 Controller (128K CMOS Memory w/EMO)	2,876.00
30014100	Power Supply, LH Research, 8222/V3 (TM22-12Y/115)	523.00
30014200	8222/V3 Chassis w/ Power Supply	1,380.00
30026633	M800 Transmitter, 1 Chan, 4-20mA, 8 relays, 5 Inputs, Condu	3,950.00
30031500	Power Supply, LH Research, TM22-12Y 5V/12V	523.00
30032800	4 Ch. Serial Line Unit (Grant or Plessey)	398.00
30042800	8222/V3 Controller (32K CMOS Memory)	2,468.00
30042801	8222/V3 Controller (48K CMOS Memory)	2,468.00
30072900	Com Interface 1 Assembly	202.00
30109000	Power Supply, +5, +12, +-15V (Deltron SQ175)	768.00
30109001	Power Supply, +5, +12, +-15V (LH TM34)	768.00
30131900	C-MOS Memory Board 16K x 16	512.00
30138600	Cable QSLU to Comm Int.	64.00
30188600	Cut Sense Assembly	55.00
30342901	Optical Refire Detector	190.00
30343300	ERV, PCB and Frame Assembly	2,627.00
30392901	Optical Refire Detector Assembly	137.00
30398801	Power Supply Chassis	2,119.00
30447900	Tstr 2 Panel Driver Assembly	220.00
30447901	Tstr 2 Panel Driver Assembly	220.00
30450801	ERV, System Cabinet	3,678.00
30450807	ERV, System Cabinet	3,678.00
30451201	Power Supply, LH Research ERV, TTM23-E1087/115	536.00
30478800	Quad DAC Assembly	370.00
30485501	8 AC Out 2 Assembly	211.00
30497802	ERV, System Cabinet	3,678.00
30529501	Test Assembly	153.00
30533501	Soft Drop Control Assembly	138.00
30589702	Mag Sense Assembly	576.00
30590201	HD Switch 2 Assembly	109.00

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Model Number	Description	Repair Charge
30604301	Mag Sense Dr. Assembly	576.00
30662201	Dual DAC Fdbk Assembly	249.00
30662202	Dual DAC Fdbk Assembly	249.00
30665102	.300 DM EMT Asm.	103.00
30750401	Dual MPS Amp Assembly	611.00
30782301	Head Inline Assembly	123.00
30782308	Head Inline Assembly	123.00
30846501	Rotary Encoder, 152-021-250-UUFS 699	176.00
30956601	Com Interface 3 Assembly	118.00
40051001	Servo Motor, PMI U12M4 w/ Pully	1,060.00
40051002	Servo Motor, PMI U12D-A Platinum	1,480.00
40136100	Serial Interface Driver Assembly	258.00
40136101	Serial Interface Driver Assembly	258.00
40136107	Serial Interface Driver Assembly	258.00
40136134	Serial Interface Driver Assembly	258.00
40162801	Drive Assembly	442.00
40278101	MMU for M8186 EMO upgrade	532.00
40303401	FMI Assembly	247.00
40348301	8223/J11 CPU Assembly	3,123.00
40348302	8223/J11 CPU Assembly	3,123.00
40384302	8223/J11 CPU Assembly	3,123.00
40412601	Micro Stepper Driver Assembly	523.00
40420401	Micro Stepper Driver Assembly (40528901)	523.00
40472001	128k Memory Expansion Board	585.00
40480302	Power Supply, 12 VDC	492.00
40507701	Serial I/O Expansion Assembly	558.00
40528901	Micro Stepper Driver Assembly	523.00
40536903	ERV, Upgraded Version	2,627.00
40537001	ERV, PCB and Frame Assembly	2,627.00
40537002	ERV, Seq Tst 2C Assembly	2,627.00
40537003	ERV, PCB and Frame Assembly	2,627.00
40537004	ERV, Seq Tst (New Version Relays)	2,627.00
40541001	20 AC Output Assembly	570.00
40558701	C-MOS Memory Board, 128K x 16	539.00
40583301	8223/J11 Controller 128K	3,123.00
40585501	Tstr. Panel Driver Assembly	208.00
40610201	Servo Amp 3 LP Assembly	360.00
40610801	Servo Amp 3 Assembly	360.00
40610806	Servo Amp 3 Full Power Assembly	360.00
40648002	Servo Motor, 45VM62-020-4	1,443.00

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Model Number	Description	Repair Charge
40658601	Motor Tach Asm. 23HD11216E2041	625.00
40676001	Chain Driver Control 3 Asm.	525.00
40718401	Switching Servo Amp 709-138	1,874.00
40785400	VME 68K Assembly	1,293.00
40785402	VME 68K Assembly	1,293.00
40785404	VME 68K Assembly	1,293.00
40811501	Smart CRT Assembly (Omni)	434.00
40811504	Smart CRT Assembly (Omni)	434.00
40840401	Vac Sense 3 Assembly	351.00
40848301	BEC, Board Error Correction Assembly	170.00
40897301	Motor, 45VM62-000-4/33VM62-000-17	1,131.00
40914001	32 DC Out Assembly	142.00
40939301	ERV, PCB and Frame Assembly	2,627.00
40958701	Sequencer Driver 4 Assembly	176.00
40976401	Servo Motor, PS 33VM52-000-20	917.00
41002101	Omni Head Interface	238.00
41035401	32 DC Input 3 Assembly	142.00
41035801	FMI 3 Assembly	247.00
41036201	Dual Dac Feedback Assembly	249.00
41038201	32 DC Output Assembly	142.00
41038601	MIT 3 Assembly	388.00
41049801	11/73 Processor Board (8222 Controller)	2,336.00
41071201	Chain Driver Control 3 Asm.	525.00
41072001	DAC FDBK 3 Assembly	239.00
41072401	Tester 3 Panel Driver Assembly	220.00
41073001	3 Display Driver Assembly	207.00
41083101	Quad DC PS AD Assembly	466.00
41083901	Servo Amp 3 Medium Power	360.00
41084701	4 AC Out Assembly	170.00
41132401	Switching Servo Amp 709-104 (CMI)	1,874.00
41132402	Switching Servo Amp 709-138	1,874.00
41132403	Switching Servo Amp 709-135	2,034.00
41132404	Switching Servo Amp 709-138	1,874.00
41132405	Switching Servo Amp 709-138	2,034.00
41132406	Switching Servo Amp 709-149	2,527.00
41132407	Switching Servo Amp 709-149	2,527.00
41143001	Rotary Encoder, 153-021-256-11SAN	176.00
41143002	Rotary Encoder, 153-021-500-11SA	176.00
41143003	Rotary Encoder, 153-021-XXX-11SAN	176.00
41143004	Rotary Encoder, DRC, 153-121-900-11S	176.00

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Model Number	Description	Repair Charge
41145601	Power Supply, VME System (LH-MM23)	1,732.00
41211201	Feeder Conn.	71.00
41228601	8222/V3 Controller (128K Mem. w/EMO)	2,876.00
41228701	M8186-11/23 Processor Board (w/ EM Option)	1,766.00
41228801	Kit, Retrofit EMO 128 KB (New)	2,946.00
41260601	MCP Expansion Assembly (Bottom) see 41984900	1,855.00
41270001	Omni Head Interface	238.00
41273001	Power Sequence Assembly (8221/V2 Controller)	213.00
41273401	Power Sequencer Assembly (8222/V3 Controller)	213.00
41273702	Rotary Encoder, 153-021-500-11SAN	176.00
41273703	Rotary Encoder, 153-021-1024-11AM	176.00
41328401	VAC Sensor Assembly	351.00
41354601	ERV Seq Tst 2C Assembly	2,627.00
41391700	Servo Amp 4 Assembly	409.00
41391701	Servo Amp 4 Assembly	409.00
41391703	Servo Amp 4 Assembly	409.00
41391704	Servo Amp 4 Assembly	409.00
41398401	Stepper Control Assembly	539.00
41413901	Vac Sensor 3 Assembly	351.00
41426400	Chain Driver Control 3 Asm.	525.00
41426401	Chain Driver Control 3 Asm.	525.00
41426402	Chain Driver Control 3 Asm.	525.00
41426403	Chain Driver Control 3 Asm.	525.00
41426404	Chain Driver Control 3 Asm.	525.00
41426405	Chain Driver Control 3 Asm.	525.00
41426406	Chain Driver Control 3 Asm.	525.00
41426407	Chain Driver Control 3 Asm.	525.00
41426410	Chain Driver Control 3 Asm.	525.00
41427701	Chain Driver Control 3 Asm.	525.00
41433901	Stepper Driver 3 Assembly	684.00
41436501	Servo Motor, PAC SCI 33VM62-020-20	701.00
41439901	Rotary Encoder, 822-256-IALP	176.00
41440901	VME 32 I/O Assembly	770.00
41445402	MCP Expansion Assembly (Top) see 41984900	1,855.00
41463501	CIT FIT Assembly	740.00
41463901	Pin Driver Assembly	740.00
41473901	VME MX Interface Assembly	668.00
41490401	8 DC HPVD Assembly	224.00
41490402	8 DC HPVD Assembly	224.00
41513101	Bus Grant Board	64.00

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Model Number	Description	Repair Charge
41529801	8221/V2 Controller 128K	2,876.00
41555601	16 AC Out Assembly	360.00
41555801	16 AC Out Assembly	360.00
41556901	Vac Sensor 3 Assembly	351.00
41570001	8222/V3 Controller (256K Mem.11/73)	2,876.00
41585801	Servo Amp 5 Assembly	765.00
41621101	Test 3 Assembly	153.00
41632901	Power Monitor, VME	422.00
41653602	VME 68K Assembly w/ Smartwatch	1,293.00
41653801	VME 68K Assembly	1,293.00
41653802	VME 68K Assembly	1,293.00
41666001	Com Interface 4 Assembly	137.00
41693301	EMI/PS Assembly	350.00
41693302	EMI/PS Assembly	350.00
41693401	Latch Rotary Table Switch	146.00
41702001	8223/J11 Controller 256K	3,123.00
41702002	8223/J11 Controller 256K	3,123.00
41716301	Dual DAC FDBK 4 Assembly	249.00
41716302	Dual DAC FDBK 4 Assembly	249.00
41716303	Dual DAC FDBK 4 Assembly	249.00
41723101	Tstr. 3 Panel Driver Assembly	220.00
41723201	ERV System Cabinet Complete (TSTR Panel, SEQ TST 4178	3,678.00
41723202	ERV System Cabinet Complete	3,678.00
41725205	ERV System Cabinet Complete	3,678.00
41739501	Dual MPS Amp Assembly	611.00
41752101	ERV, Seq. Tst. 3 Assembly	2,627.00
41756001	RMT Feeder Out Assembly	310.00
41774602	Sony 9" RGB CRT (CPD-9000)	930.00
41785301	ERV, PCB and Frame Assembly	2,627.00
41785302	ERV, PCB and Frame Assembly	2,627.00
41785303	ERV, SEQ TST/PCB and Frame Asm	2,627.00
41819601	Control Motion 444-133, 444t	1,751.00
41819901	Servo Amplifier	679.00
41851701	Servo Amp 4 LP Assembly	422.00
41851703	Servo Amp 4 LP Assembly	422.00
41851704	Servo Amp 4 LP Assembly	422.00
41851705	Servo Amp 4 LP Assembly	422.00
41851706	Servo Amp 4 LP Assembly	422.00
41852906	AIS3000 Vision System	2,653.00
41952101	ERV, Seq. Tst 2C Assembly	2,627.00

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Model Number	Description	Repair Charge
41967201	Estop Interface Assembly	189.00
41967801	Frost Sense Assembly	208.00
41977501	Omni Head Interface	238.00
41984900	VME MCP Assembly	1,855.00
41984901	VME MCP Assembly	1,855.00
41984902	VME MCP Assembly	1,855.00
41984903	VME MCP Assembly	1,855.00
42001801	Servo Motor QMC 641B-208	1,327.00
42001802	Servo Motor QMC 642B-209	2,338.00
42001803	Servo Motor QMC 745-1955	1,327.00
42001804	Servo Motor QMC 4561-MT3053	1,327.00
42002301	Feeder Control Assembly	71.00
42002501	Feeder Controller Assembly	71.00
42004702	VME Quad DAC Fdbk Asm.	1,130.00
42004705	VME Quad DAC Fdbk Asm.	1,130.00
42010301	Micro Interface (Optical Refire Sys)	194.00
42010302	Micro Interface (Optical Refire Sys)	194.00
42020101	Power Supply, VHA420	319.00
42020102	Power Supply, VHA423	335.00
42033801	Dual DAC Feedback Assembly	249.00
42034601	BEC, Board Error Correction Assembly	170.00
42047301	8223/J11 Stand Alone, w/ Exp I/O	3,300.00
42047302	8223/J11 Stand Alone	3,123.00
42052501	MM 16 DC I/O Assembly	351.00
42053101	8 AC Out Assembly	211.00
42088101	MMIT Assy	351.00
42112901	8223/J11 256k Assembly	3,123.00
42117901	3 Display Driver Assembly	246.00
42228001	Power Supply, 48V ABH Chassis	1,874.00
42231901	Power Supply, VME ST 150-122	701.00
42238201	MM Quad DAC Assembly	542.00
42339501	20 AC Out Assembly	570.00
42339502	20 AC Out Assembly	570.00
42349601	Chain Driver Assembly	1,055.00
42367801	MIT	388.00
42368701	MIT Assembly	388.00
42384201	EMI/PS Assembly	350.00
42422001	SMPI Converter	176.00
42425401	Motor Tach Encoder MTE2115-100BE (5 Week Lead)	944.00
42450401	Vac Sense 3 (RMT) Assembly	351.00

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Model Number	Description	Repair Charge
42453501	Board Conveyor Control Assembly	380.00
42453502	Board Conveyor Control Assembly	380.00
42453503	Board Conveyor Control Assembly	380.00
42459002	Servo Amplifier Z Axis (PMI 0088055002)	1,037.00
42472401	Power Supply	168.00
42486101	INTF/ISO	0.00
42505501	Led Sensor I/O Assembly	351.00
42517603	Wire Feeder Assembly	179.00
42552301	Power Supply, Deltron W118D, 48 VDC, 3A	313.00
42552302	Power Supply, Deltron W209B, +12 VDC, 6.8A	313.00
42558301	ERV, Upgraded Version	2,627.00
42561701	Stepper Driver 3 Asm.	684.00
42582501	Cable Conn	55.00
42587602	8 DC HPVD Assembly	224.00
42587603	8 DC HPVD Assembly	224.00
42591401	Dual MPS Amp Assembly	611.00
42602601	Dual DAC FDBK 4 Assembly	249.00
42611701	B/W Monitor (Javelin Audiotronics)	303.00
42616801	68008 CPU Assembly	1,165.00
42632101	Tstr. 3 Panel Driver Assembly	220.00
42632201	Tstr. 3 Panel Driver Assembly	220.00
42641101	Vac Sensor 3 Assembly	351.00
42642501	Stepper Driver 3 Asm.	684.00
42661301	Power Supply, +5 VDC and +12 VDC (SNP-6880)	152.00
42699001	DIG IT Control Assembly	1,109.00
42699301	Rotary Encoder, 153-021-250-11SAM	176.00
42796401	HPVD REG CIRCUIT Assembly	82.00
42849701	EXP VME 68K Assembly 12M	1,293.00
42849702	EXP VME 68K Assembly 12M w/ Smartwatch	1,293.00
42928901	Part In Position Sensor Assembly	123.00
42939101	Omni Head Interface	238.00
42939701	Rotary Encoder, 153-021-xxx-11xxx	176.00
42972901	High Power Servo Amp	577.00
42972902	High Power Servo Amp	577.00
42986001	Feeder Controller Assembly	71.00
43011601	VME Pwr Monitor	422.00
43033101	Power Supply, Lambda LFS-44-12	885.00
43125201	Dual MPS Amp Assembly	611.00
43154501	8223/J11 Controller 128K	3,123.00
43155001	128K Memory Expansion Board	585.00

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Model Number	Description	Repair Charge
43159501	8223/J11 Controller 128K	3,123.00
43209002	8223/J11 CPU Asm.	3,123.00
43210201	128K Memory Expansion Board	585.00
43220701	Rotary Encoder 153-021-250-11S	176.00
43279201	VME 256 KB CMOS Memory Board Asm.	1,060.00
43279202	VME 1 MB CMOS Memory Board Asm.	1,151.00
43287817	SMPI Conversion Box	176.00
43320101	Part Detector Assembly (J0040201 TLM)	350.00
43329900	8223/J11 CPU Asm.	3,123.00
43329902	8223/J11 Controller 256K	3,123.00
43356701	VME Machine Interface	635.00
43356702	VME Machine Interface	635.00
43379700	8223/J11 Controller	3,123.00
43379702	8223/J11 Controller	3,123.00
43379703	8223/J11 Controller	3,123.00
43407201	ERV Switch Assembly	314.00
43423001	128K Expanded Memory (J11)	585.00
43432001	128K Memory Expansion Board	585.00
43481201	Dual MPS Amp Assembly	611.00
43538401	MIT Assembly	388.00
43538601	MIT Assembly	388.00
43598901	Chain Driver Control 68K Asm.	1,055.00
43598902	Chain Driver Control 68K Asm.	1,055.00
43598903	Chain Driver Control 68K Asm.	1,055.00
43611001	EXP VME 68K 12Mhz Asm.	1,293.00
43611101	EXP VME 68K 8 Mhz Asm.	1,293.00
43612400	VME MCP Assembly	1,855.00
43612401	VME MCP Assembly	1,855.00
43612402	VME MCP Assembly	1,855.00
43612501	VME 68K 12Mhz Asm.	1,293.00
43612502	VME 68K 12Mhz Asm.	1,293.00
43612504	VME 68K Assembly	1,293.00
43612601	VME 68K 8Mhz Asm.	1,293.00
43613502	VME 68K Assembly	1,293.00
43613504	VME 68K Assembly 8 Mhz	1,293.00
43614301	8223/J11 Controller 128K	3,123.00
43637701	Power Supply, 48/12/12VDC P500, Farnell	982.00
43668701	Stepper Driver, Vexta UDX5128NA	1,235.00
43672901	SBT System	3,273.00
43672902	SBT System	3,273.00

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Model Number	Description	Repair Charge
43673001	SBT System	3,273.00
43682901	Extender Card, MIB 80 Contact	215.00
43803501	HD Interface Assembly	258.00
43898801	Stepper Control Assembly	539.00
43915501	ERV, Upgraded (Seq Tst, Panel DR, Mit)	3,516.00
43963601	VME Controller	0.00
44024101	MMIT	528.00
44030601	TSVME440, Themis w/ 44791911 & 811 eproms	0.00
44033002	DAC FDBK 2 Assembly	239.00
44225401	RAMTF I/O Assembly	1,763.00
44308901	Local I/O Assembly	351.00
44316801	MM 16 I/O Assembly	300.00
44319301	Power Supply, Vicor ST4-1515	1,062.00
44332002	FDR Control Board	0.00
44335801	Feeder Interface Assembly	693.00
44373701	Radisys, CPU EPC 5, 80386-25	3,140.00
44373702	Radisys, CPU EPC 5, 80486-33 or 80486-66	3,140.00
44373703	Radisys, CPU EPC 5, 80486DX-100	3,140.00
44373704	Radisys, CPU EPC 5A, 486DX4-100, 32MB	3,140.00
44373802	Video Controller Card, EXM-13A, Radisys	1,237.00
44374101	Ethernet Interface, EXM-10A, Radisys	1,237.00
44461502	Rotary Encoder, 1000C/R inline	176.00
44486701	Low Power Servo Assembly, 8 Axis Modular DC Drive System,	-20.00
44520001	Servo Driver, ACS3000 S3002M000007 CMC X Axis *CALL*	0.00
44520101	Power Supply, ACS3000 CMC	3,317.00
44520201	Power Supply, ACS3000 CMC	3,317.00
44530003	Multi Input Assembly	146.00
44555601	Keyboard, PREH 90307-003/0001	797.00
44735902	Power Supply, Deltron V120C 15V, 8A	313.00
44807601	Servo Amplifier, Copley 218	754.00
44866201	Transfer Amp Assembly	0.00
44902801	8 AC Out Assembly	211.00
44927102	Video Card, EXM-14, Radisys	701.00
44956001	16 DC Input Assembly	149.00
45000101	FIT 16 Assembly	129.00
45041401	Servo Amplifier 2A, Copley	843.00
45041403	Servo Amplifier 2A, Copley 800-150	843.00
45118706	UIC Camera	2,653.00
45136501	HP Amplifier Interface Asm.	1,924.00
45170901	Power Supply, Deltron M44R2344-08K	685.00

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Model Number	Description	Repair Charge
45171101	Power Supply, SSI SQM225-1233	493.00
45171102	Power Supply, SSI SQM225-1233	475.00
45219001	Power Supply, LH Research, TM11-1/115	607.00
45287602	8 DC HPVD Assembly	224.00
45287603	8 DC HPVD Assembly	224.00
45314201	AIS3500EX Vision System	3,317.00
45327801	DC Converter Assembly	284.00
45411701	5240 Indexer/Drive	877.00
45444901	ULC Illuminator	0.00
45475201	Radisys, EXM-9, FDD and HDD Controller	805.00
45521101	Vision Interface Assembly	0.00
45573101	Vision Camera	2,653.00
45656401	32 DC Input Assembly	142.00
45711901	Multi Input Assembly	176.00
45711904	Multi Input Assembly	176.00
45719901	Power Supply, ERV Deltron 11599XA	579.00
45771201	Servo Amplifier 4A, Copley	843.00
45771202	Servo Amplifier, Copley	843.00
45858901	Handling Distribution Board	263.00
45858902	Handling Distribution Board	263.00
45858903	Handling Distribution Board	263.00
45858904	Handling Distribution Board	263.00
45858905	Handling Distribution Board	263.00
45899602	Universal Instruments Camera	0.00
45982901	Servo Amplifier, Brushless PAC-SCI SC903-020-01	1,590.00
45982903	Servo Amplifier, Brushless PAC-SCI SC903-033-01	1,590.00
45982906	Brushless Servo Drive, Pac Sci PC833-106-N	2,313.00
45983001	Servo Amplifier, Y Axis PAC-SCI SC904-021-01	2,027.00
46007901	Power Distribution Assembly	810.00
46007902	Power Distribution Assembly	810.00
46054001	Power Supply, Deltron 11632XA, 12V15A;15V8A;24V2A	841.00
46054101	Power Supply, PFC0500-3AH-Z (sub w/ SSI F4B3A4A4)	618.00
46088101	UIMC Axis Control (PFS-002)	1,672.00
46088103	UIMC3 Axis Control (PFS-114)	1,672.00
46088201	UIMC Axis Control	1,672.00
46088203	UIMC Axis Control	1,672.00
46118701	UL Camera, 4 Mil	2,653.00
46118704	Camera, 1 Mil	2,653.00
46150501	Tester 4 Panel Driver Assembly	220.00
46344001	630VME, Lantern Vision, 2MB	10,222.00

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Model Number	Description	Repair Charge
46344003	630VME, Lantern Vision, 8MB	10,222.00
46344005	Lantern Vision Brd., AISI 630VME 8MB	10,222.00
46413701	EXP-Video Card, EXP-VID, Radisys	1,947.00
46485701	PEC, CCD Camera, GP-MS112	1,763.00
46518901	PTF CTRL I/O Assembly	1,396.00
46521801	Force, CPU 30 Lite 68030/8MB	2,299.00
46552102	Power Supply, SSI SDS350-24-C, 24V 15A	524.00
46552301	Power Supply, SSI SDS350-24-C	524.00
46553501	UL Camera, 4 Mil	2,653.00
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	2,653.00
46721803	UL Camera	2,653.00
46757901	X-Axis Motor, Parker	0.00
46758101	Elevator Servo Motor, Parker	0.00
46778801	UL Camera, 4 Mil	2,653.00
46778807	UL Camera	2,653.00
46778811	UL Camera, 4 Mil	2,653.00
46803804	Sequence 8 Axial Inserter VME Controller	6,833.00
46861601	Power Supply, TODD MAX-354-1205AC, UIC RAD8	1,055.00
46878701	Servo Amplifier, Brushless PAC-SCI SC902	1,590.00
46878702	Servo Amplifier, Brushless PAC-SCI SC902	1,590.00
47008701	Rotary Encoder, DRC, 153-121-500-22CZ838	176.00
47019901	UIMC Axis Control	1,672.00
47063101	UL Camera, 4 Mil	2,653.00
47063201	UL Camera, 2.6 Mil	2,653.00
47064801	Servo Amplifier, Copley 800-444	512.00
47066902	UPS, 3000 P3HVSE (Exchange Only)	2,477.00
47075601	Servo Amplifier, Brushless PAC-SCI SC904-032-01	2,027.00
47075602	Brushless Servo Drive Pac Sci PC800 PC834-105-N	2,534.00
47147501	Servo Amp, Brushless PAC-SCI SC903 *NO PROGRAM	0.00
47188003	PCBD CPU 256MB, EPC 16 EPC1316 EPC-16	4,414.00
47202701	ElectroCraft Amp, 9101-1563	2,449.00
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	607.00
47466601	MMIT Repeater	621.00

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Model Number	Description	Repair Charge
47466602	MMIT Repeater	621.00
47467301	Force, CPU 30 Lite	3,007.00
47467302	Force, CPU 30 Heavy 16MB	3,007.00
47486101	Camera Black Box	0.00
47545701	CPU, VME EPC 9	2,794.00
47547001	Power Supply, Deltron FT32C233-00	1,062.00
47549901	UL Camera	2,653.00
47817301	Feeder Interface Assembly (Large)	693.00
48048301	BEC, Board Error Correction Assembly	170.00
48187901	Ethernet Interface, EXM-10A, Radisys	1,237.00
48216301	Brushless Servo Motor, 1843629020, ElectroCraft	0.00
48228001	ElectroCraft Amp, 9101-1748	2,449.00
48320801	LP Power Supply Module, 80V, +15V, -15V	748.00
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	3,714.00
48789003	VRM Servo Amp, MTS	3,714.00
48789004	VRM Servo Amp, MTS	3,714.00
48789102	VRM Power Supply, Parker	4,356.00
48789103	VRM Power Supply, Parker	4,356.00
48789104	VRM Power Supply, Parker	4,356.00
48797302	PCBD CPU 256MB, EPC 16 EPC1316 EPC-16	4,414.00
48797303	PCBD CPU 512MB, EPC 16 EPC1316 EPC-16	5,298.00
48890402	PC Camera Assembly, Cohu	0.00
49159802	PC Camera Assembly, COHU	0.00
49197001	UL Camera, 1 Mil	2,433.00
49197101	UL Camera, 2.6 Mil	2,797.00
49197301	ULC Camera, 4 Mil	2,797.00
49197601	ULC Camera, 1 Mil, Circular Lighting	2,717.00
49197701	ULC Camera, 2.6 Mil, Circular Lighting	2,717.00
49197901	ULC Camera, 4 Mil, Circular Lighting	2,717.00
49198101	ULC Camera, 1 Mil, Circular OFA	2,717.00
49198201	ULC Camera, 2.6 Mil, Circular OFA	2,717.00
49198301	ULC Camera, 4 Mil, Circular OFA	3,558.00
49198501	ULC Camera, 4 Mil, Circular OAL	4,017.00
49198601	ULC Camera, 2.6 Mil, Circular OAL	3,178.00
49367001	Power Supply, Astec MP6-2V-2V-20, 85-264 VAC; 42V, 42V; 6	1,060.00

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Model Number	Description	Repair Charge
49375801	PCA, Power-PS MCOS, Motorola	4,421.00
49375802	PCA, Power-PC MCOS, Motorola	4,421.00
49385801	ESI Vision Processor, AIS 640H/266	11,492.00
49400002	Magellan Camera, 2.3 Mil	6,511.00
49400003	Magellan Camera, 2.3 Mil	6,511.00
49401501	Power Supply, LPS118-B, 48V 2.3A	304.00
49511004	Universal HSCZ Drive Motor Assembly, CM166XX-1121834H	2,631.00
49706201	Servo Amp Brushless PAC-SCI SC 903-020-01	1,590.00
49706202	Servo Amp Brushless, PC834	1,830.00
49706301	Servo Amp, PC800, PC834-107-N	2,534.00
49706302	Servo Amp, PC800, PC834-107-N	2,534.00
49706303	Servo Amp, PC800, PC834-109-N	2,534.00
49710301	Power Supply, 5V60A; 12V10A; 12V 4A, Astec, MP4-2E-4LL-0	1,594.00
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)	1,378.00
49820701	HV Power Supply, Universal 49820702	1,441.00
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	1,539.00
50045602	Servo Amplifier, VRDM X-Axis, Universal Instruments	1,355.00
50045603	Servo Amplifier, VRDM, Universal Instruments	1,539.00
50045604	Servo Amplifier, VRDM, Universal Instruments	1,539.00
50045606	Servo Amplifier, VDRM, Universal Instruments	1,539.00
50045607	Servo Amplifier, VRDM PHI-Axis, Universal Instruments	1,539.00
50045702	Servo Amplifier, VRDM Y-Axis, Universal Instruments	1,539.00
50045703	Servo Amplifier, VRDM, Universal Instruments	1,539.00
50045704	Servo Amplifier, VRDM, Universal Instruments	1,539.00
50045706	Servo Amplifier, VRDM, Universal Instruments	1,539.00
50045707	Servo Amplifier, VRDM, Universal Instruments	1,539.00
50234301	PM Servo Motor, AKM52K-SSCNS-M2	2,244.00
50322401	Magellan Camera, 0.5 Mil	6,511.00
50335901	Power Supply, Astec LPS125, 24V,3.4A (Advantis)	283.00
50604702	VRM Power Supply, Parker	3,714.00
50727101	Brushless Servo Drive, PAC SCI, PC 834-114-N	2,010.00
50742002	PC Camera Assembly A601f-2, Basler	7,160.00
50742101	PC Camera Assembly A601f-2, Basler	4,019.00

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<u>Model Number</u>	<u>Description</u>	<u>Repair Charge</u>
50814202	VRM Controller	3,501.00
51160901	Magellan Camera, 2.3 Mil, Firewire	6,511.00
51161101	Magellan Camera, 0.94 Mil, Firewire	6,511.00
51427701	Common I/O Control	1,891.00
51501101	PC Board, Motherboard, Universal Instruments	1,570.00
51513801	UIMC, PC Tower w/51501101 Motherboard(Itox G7B330-B-G	1,962.00
51596801	PCA Flex Jet Head Control Board	0.00
51854401	Servo Amplifier, VRDM, Universal Instruments	1,355.00
51854501	Servo Amplifier, VRDM PRD--0051AMPz-X2 Firmware V2.0.6	1,559.00
52121813	M800 Transmitter, 2 Chan, 4-20mA, 8 relays, 5 Inputs, Condu	3,950.00
52149602	Motherboard, Super C2SBC-Q	1,740.00
52214801	PC Camera Assembly A601f, Basler	0.00
70000533	4 Ch. Serial Line Unit (Plessey)	398.00
89301017	Monitor, CDS-900	444.00