

6.0 MAJOR ASSEMBLY PARTS LISTS

72135		DP8 MAIN PCB		
ITEM	PART#	DESCRIPTION	QTY	LOCATION
1	25012	IC 1488	1	U14
2	25013	IC 1489	1	U15
3	25032	IC 32KB RAM	1	U9
4	25035	IC AM 29F010A - 1 MEG FLASH (5V)	1	U8
5	25037	IC 68HC812A4	1	U10
6	25038	IC - USB CHIP (PHILLIPS PDIUSBD12)	1	U11
7	26008	IC TL431	1	Q2
8	26015	IC TLC555	1	U13
9	26019	IC PBL3717	4	U1,2,6,7
10	27001	IC 74ALS00	1	U12
11	28595	IC 74HC595	3	U3,4,5
12	30102	RESISTOR 1/4 W 5% 1K OHM	12	R1,3,11,12,13,15,16,28,30,53,54,55
13	30103	RESISTOR 1/4 W 5% 10K OHM	2	R23,50
14	30105	RESISTOR 1/4 W 5% 1M OHM	1	R10
15	30153	RESISTOR 1/4 W 5% 15K OHM	1	R56
16	30203	RESISTOR 1/4 W 5% 20K OHM	2	R21,22
17	30222	RESISTOR 1/4 W 5% 2.2K OHM	1	R17
18	30332	RESISTOR 1/4 W 5% 3.3K OHM	2	R20,37
19	30363	RESISTOR 1/4 W 5% 36K OHM	1	R49
20	30472	RESISTOR 1/4 W 5% 4.7K OHM	13	R9,14,19,25,33-36,40-42,52
21	30563	RESISTOR 1/4 W 5% 56K OHM	6	R2,5,7,8,27,31
22	31023	RESISTOR 1W 5% 0.2 OHM	1	R26
23	31048	RESISTOR 1W 5% 0.51 OHM	4	R4,6,29,32
24	31053	RESISTOR 2W 5% 1K OHM	2	R24,39
25	36013	POTENTIOMETER 10K	1	R51
26	40181	CAP 18PF 500V 10%	2	C28,29 (C32,34)
27	41103	CAP 100PF 50V 10%	2	C9,10
28	41301	CAP 300PF 1000V MEPCO DD301	2	C8,35
29	42104	CAP 0.001UF 100V 20% 0.1" DISK	13	C2-5,13-16,24,43-46 (C17),(36-40)
30	42221	CAP 0.0022UF PANA ECQB1H222JF	2	C18,19
31	43103	CAP 0.01UF 16V 20% 0.25" DISK	8	C6,11,27,30,31,33,41,42
32	43108	CAP 0.01UF 50V	1	C1
33	43109	CAP 0.02UF 100V NIC	1	C22
34	45332	CAP 3.3UF 35V 20%	1	C7
35	46103	CAP 10UF 16V	1	C20
36	46221	CAP 22UF 100V 50% 0.25" ALUM	3	C12,25,26
37	47473	CAP 470UF 10V LO ESR 0.25"	1	C23
38	48102	CAP 1000UF 50V	1	C21
39	50001	DIODE 1N914R	5	D2,4,5,34,35
40	50007	DIODE 1N4002	24	D7-30
41	50013	DIODE 1N5242A	2	D1,3
42	50023	FR252	1	D6
43	50024	MUR110	3	D31-33
44	51008	TRANS 2N5400	3	Q3,34,36
45	51021	TRANS IRF 540	2	Q7,8

72135		DP8 MAIN PCB, CONT'D	
ITEM	PART#	DESCRIPTION	QTY LOCATION
46	51022	MOSFET MOT. MTD3055V1	24 Q10-Q33
47	51023	TRANS MP5A06	3 Q4,5,6
48	52015	REGULATOR UA78L06ACLP TI	1 Q9
49	52018	REGULATOR SGS L4960H	1 Q1
50	53024	REFLECTIVE SENSOR	1 Q35
51	54026	PCB XFMR.	1 T1
52	55006	CRYSTAL MP1 16MHZ	1 Y1
53	55007	CRYSTAL 6MHZ	1 Y2
54	60014	DIP SOCKET 14 POS	2 U14,15
55	60028	DIP SOCKET 28 POS	1 U9
56	60032	DIP SOCKET 32 POS	1 U8
57	61706	HEADER 6P DBL ROW GOLD	0 J14
58	62063	JACK SOCKET W/HARDWARE	1 used to fasten J9
59	62081	HEADER 5P SGL 0.156	1 J1
60	62104	CONN. LIF 15 POS. 1.25MM CTR.	2 J3,J4
61	62112	HEADER 5P SGL 0.100 LOCK	2 J2,J5
62	62115	CONN. LIF 8 POS. 1.25MM CTR.	2 J15
63	62116	CONN. LIF 16 POS. 1.00MM CTR.	1 J12
64	62117	CONN. LIF 13 POS. 1.00MM CTR.	1 J11
65	62118	CONN. LIF 4 POS. 1.25MM CTR.	1 J13
66	62119	DB9 PCB MTG. - 9 POS.	1 J6,J9
67	62120	USB VERTICAL MTG.	1 J8, note: J7,10,16 are pin fields
68	64036	HEATSINK - AAVID 542502T EQUIV	1 on Q1
69	64037	HEATSINK - AAVID 577304	1 on Q8
70	70135	PCB 9"X3.5"	1
73801		DP8 RIBBON GUIDE PLATE ASSY	
ITEM	PART#	DESCRIPTION	QTY
1	65079	RIBBON GUIDE SHAFT (STANDOFF) .187OD X 4-40 X 15/32L ST	2
2	71814	RIBBON GUIDE PLATE	1
3	71815	RIBBON GUIDE	2
73802		DP8 CARRIAGE ASSY	
ITEM	PART#	DESCRIPTION	QTY
1	65085	STANDOFF PEM SO-632-6	1
2	67291	UPPER BEARING - UHMW TAPE 3/4 W X 3/4	0.06
3	67306	BEARING CLIPS	2
4	67338	CARRIAGE BEARING 1/2OD X 3/8ID X 2.29L (SHORT 67276)	1
5	67372	#5 SPLIT LOCKWASHER	1
6	67373	COMPRESSION SPRING, LEE LC022D-00-M	1
7	67374	WASHER 0.342 X 0.222 X 0.008 SS, PHOENIX B11051	1
8	71801	CARRIAGE PLATE	1
9	71825	CABLE CLIP	1
10	73801	DP8 RIBBON GUIDE PLATE ASSY	1
73803		DP8 REVERSER ASSY	
ITEM	PART#	DESCRIPTION	QTY
1	67341	DOWEL PIN, 1/8D X 3/8L	2
2	71812	RIBBON REVERSING PLATE	1

73804 DP8 BOX ASSY			
ITEM	PART#	DESCRIPTION	QTY
1	65075	SPACER, .187OD X .120ID X .281L ST	1
2	65076	SPACER .375OD X .171ID X .125T ST/AL	2
3	67322	WASHER .66OD X .15ID X .020T	1
4	67336	PUSHNUT, 1/4	2
5	67339	OILITE, 5/16OD X 3/16ID X 3/8L FF-313-2	1
6	67343	GEAR, NYLO N48-40 DELRIN	2
7	67344	GEAR, NYLO N48-24	2
8	67345	GEAR, NYLO N48-16-56 DELRIN	1
9	67347	CARR DRIVE PULLEY 67285 W N48-36 GEAR, 5MM BORE	1
10	67359	5/16 PUSH ON RETAINING RING	1
11	67360	3/16 E-RING WALDES 5133-18	1
12	67367	1/8 PUSH ON RETAINING RING WALDES 5105-12	1
13	67368	COMP SPRING LEE LC014B01M	1
14	68043	CARRIAGE MOTOR	1
15	71800	BOX	1
16	71820	CARTRIDGE SHAFT	1
17	71834	UPPER SHAFT	1
18	73803	REVERSER ASSY	1

73805 DP8 CARRIAGE IDLER ASSY			
ITEM	PART#	DESCRIPTION	QTY
1	67022	PUSHNUT, 3/16	2
2	67245	CARRIAGE IDLER BUSHING	1
3	67348	CARRIAGE BELT - 220T080P KEVLAR/URETHANE	1
4	71440	CARRIAGE IDLER SHAFT	1
5	71459	CARRIAGE IDLER PULLEY	1
6	71804	TENSIONER	1

73806 DP8 CARRIAGE DRIVE ASSY			
ITEM	PART#	DESCRIPTION	QTY
1	67209	SHAFT BUSHINGS	2
2	69047	PRINTHEAD FLAT CABLE	2
3	71709	DRIVE BELT CLAMP	1
4	71813	SHAFT ADJUSTER	1
5	71829	CARRIAGE SHAFT	1
6	71844	CARRIAGE SHAFT SPRING	2
7	71850	PIVOT ARM	2
8	73802	CARRIAGE ASSY	1
9	73804	DP8 BOX ASSY	1
10	73805	CARRIAGE IDLER ASSY	1

73807 DP8 GATE ASSY			
ITEM	PART#	DESCRIPTION	QTY
1	65072	GATE BUSHING SPACER	1
2	67233	GATE ROLLER	1
3	67302	GATE ROLLER SHAFT	1
4	67326	GATE BUSHINGS	2
5	71741	SHAFT CLAMP	1
6	71806	GATE	1

73808		DP8 PLATEN ASSY	
ITEM	PART#	DESCRIPTION	QTY
1	71822	PLATEN BASE	1
2	71823	PLATEN FACE	1
3	71836	PLATEN ISOLATOR - 3M .VHB 4941/4950 TAPE .045 X 1/2 X 6"	1
73809		DP8 LOWER DRIVE ASSY	
ITEM	PART#	DESCRIPTION	QTY
1	63028	AC POWER SWITCH	1
2	65074	GATE PIVOTS	2
3	65076	SPACER .375OD X .171ID X .125T ST/AL	2
4	65084	RAMP ARM STANDOFF 5/16 HEX X 4-40 X 1/2L ST/AL	1
5	67244	ROLLER BUSHING	4
6	67255	PUSHNUT	4
7	67327	GATE SPRINGS	2
8	67333	CRESCENT RING	1
9	67356	EDGE TRIM, NEOPRENE	
10	69050	MULTISENSOR FLAT CABLE	1
11	71471	FLEX HINGE	2
12	71481	CAM	2
13	71802	SIDEPLATE, L	1
14	71803	SIDEPLATE, R	1
15	71807	EXIT TRAY	1
16	71808	EXIT GUIDE	1
17	71831	LOWER ROLLER	2
18	73304	ROLLER CABLE ASSY	2
19	73807	DP8 GATE ASSY	1
20	73808	DP8 PLATEN ASSY	1
73810		DP8 DOC DRIVE ASSY	
ITEM	PART#	DESCRIPTION	QTY
1	65083	SHAFT SPACER .37OD X .26ID X .156L ST/AL	2
2	67244	ROLLER BUSHING	4
3	67246	DOC DRIVEN PULLEY	1
4	67330	UPPER DRIVE GEAR	2
5	67333	CRESCENT RING	2
6	67350	DOC DRIVE PULLEY 36T080P - 67249 W 5MM BORE	1
7	67351	DOC DRIVE BELT - 90T080P KEV/URE OR POLY/NEO	2
8	67352	TRANSFER PULLEY 80P24TDF W 24P18T GEAR	1
9	67357	DRIVEN PULLEY	1
10	67364	TRANSFER PULLEY 80P24TSF W 24P18T GEAR	1
11	68043	DOC DRIVE MOTOR	1
12	71746	RELIEF SPRING	2
13	71748	REAR ROLLER SPRING, L	1
14	71749	REAR ROLLER SPRING, R	1
15	71824	INPUT GUIDE	1
16	71830	UPPER ROLLER	2
17	71832	SENSOR GASKET, UPPER	1
18	71833	SENSOR GASKET, LOWER	1
19	72132	MULTISENSOR PCB ASSY	1
20	73809	DP8 LOWER DRIVE ASSY	1

73811		DP8 GAP WHEEL ASSY		
ITEM	PART#	DESCRIPTION		QTY
1	67358	BALL BEARING 1/4ID X 3/8OD X 1/8T		1
2	71811	GAP WHEEL PLATE		1
3	71818	GAP WHEEL		1
4	71819	GAP WHEEL MOUNT		1
73812		DP8 PRINthead ASSY		
ITEM	PART#	DESCRIPTION		QTY
1	68042	PRINthead MICROLYS K324		1
2	73811	GAP WHEEL ASSY		
3		GAP WHEEL PLATE MOUNTING NUTS		2
73813		DP8 RIBBON SHIELD ASSY		
ITEM	PART#	DESCRIPTION		QTY
1	71816	RIBBON SHIELD BASE		1
2	71817	RIBBON SHIELD FACE		1
73814		DP8 RAMP ARM ASSY		
ITEM	PART#	DESCRIPTION		QTY
1	71828	RAMP ARM		1
2	71843	RAMP		1
73815		DP8 KEYPAD DISPLAY ASSY		
ITEM	PART#	DESCRIPTION		QTY
1	72133	DP8 KEYPAD ASSY		1
2	71849	KEYPAD		1
3	71845	KEY/DISPLAY BRACKET		1
4	71835	KEY/DISPLAY DECAL		1
5	69051	DISPLAY CABLE -INCLUDED WITH DISPLAY		1
6	69052	KEYBOARD CABLE		1
7	53025	MINI 2 x 16 DISPLAY		1
8	65082	KEYPAD SPACER .187OD X .121ID X .218L		5
9	65081	DISPLAY SPACER 5/32OD X 3/32ID X 1/8L RICHCO R907-2		2
73816		DP8 ELECTROMECH ASSY		
ITEM	PART#	DESCRIPTION		QTY
1	65076	SPACER .375OD X .171ID X .125T ST/AL		4
2	65077	L CARR SPACER 0.314OD X .189ID X 1.000L BEEMER P19-8		1
3	65078	R CARR SPACER 0.314OD X .189ID X 0.750L BEEMER P19-6		1
4	67279	FEET		5
5	67355	NUT, #10-32 HEX, SLOTTED		2
6	71809	HEATSINK/PCB MOUNT		1
7	71810	BASEPLATE		1
8	71826	CARRIAGE LIFTER		1
9	71827	INPUT TRAY		1
10	71847	INSULATOR		1
11	72135	DP8 MAIN PCB		1
12	72137	POWER SUPPLY		1
13	73801	PRINthead ASSY		1
14	73806	RIBBON SHIELD ASSY		1
15	73808	DP8 CARRIAGE DRIVE ASSY		1
16	73814	DP8 DOC DRIVE ASSY		1
17	73815	DP8 RAMP ARM ASSY		1

18	73818	DP8 KEYPAD/DISPLAY ASSY	1
73817 DP8 CABINET			
ITEM	PART#	DESCRIPTION	QTY
1	67376	#6 X 3/8 TYPE B PHSTS	2
2	71837	CABINET	1
3	71838	DP8 NAMEPLATE	1
4	71841	CABINET PIVOT PLATE	2
5	71842	CABINET LATCH QUIETIZING	2 1
73818 DP8 SHIPPING KIT			
ITEM	PART#	DESCRIPTION	QTY
1	69002	LINE CORD	1
2	99087	DP8 RIBBON CARTRIDGE	1
3	99089	DP8 END CAP PAIR	1
4	99091	DP8 CARTON	1
5	99092	DP8 OPS MANUAL	1
73819 DP8 PRINTER			
ITEM	PART#	DESCRIPTION	QTY
1	71840	CABINET PIVOT ROD	1
2	73816	DP8 ELECTROMECH ASSY	1
3	73817	DP8 CABINET	1
4	73819	DP8 SHIPPING KIT	1
5	99088	DP8 SERIAL NUMBER LABEL	1
6	99093	DP8 CONFIGURATION LABEL	1
72132 MULTISENSOR PCB ASSY			
ITEM	PART#	DESCRIPTION	QTY
1	30471	RESISTOR 1/4W 5% 470 OHM	1
2	30472	RESISTOR 1/4W 5% 4.7K OHM	1
3	30750	RESISTOR 1/4W 5% 75 OHM	2
4	31XXX	RESISTOR 1/8W 5% SBT	4
5	53022	REFLECTIVE SENSOR, SHARP GP2S40	4
6	53024	REFLECTIVE SENSOR, SHARP GP2L26	1
7	62115	CONN 1.25MM 8 POS	1
8	70132	MULTISENSOR PCB	1
72133 DP8 KEYPAD ASSY			
ITEM	PART#	DESCRIPTION	QTY
1	62121	CONN 1MM 13 POS RT ANGL	1
2	63026	KEYSWITCH, OMRON B3F-1000	16
3	70133	DP8 KEYPAD PCB	1
72141 DP8 AC HARNESS			
ITEM	PART#	DESCRIPTION	QTY
1	60105	AC RECEPTACLE	1
2	62032	FASTON (.187 TAB) AMP- 2-520182-2	2
3	62122	CONN 3P 0.156 CTR AMP 640433-3	1
4	62123	CONN COVER 3P 0.156 CTR AMP 640551-3	1
72138 DP8 DC HARNESS			
ITEM	PART#	DESCRIPTION	QTY
1	62091	CONN 5P 0.156 CTR	2
2	62092	CONN COVER 5P 0.156 CTR	2

67337	GAP BEARING ABEC1 21OD X 15ID X 4T(OBSOLETE)	1
65076	SPACER, 5/16OD X .192ID X 1/8L AL	1
65081	SPACER , 3/16OD X .12ID X 1/8L AL	1
67349	SWAGED STANDOFF 1/4OD X 6-32 X 9/16L W .10 SWAGE ST	2
71821	GEAR BLOCK	1
67353	COMPRESSION SPRING LEE LC-016C-1SS	1
65080	RIBBON GUIDE ROLLER 5/16OD X .192ID X 7/16L NY OBSO	0