

CS210 (A511)

DIGS1 (A511)

PARTS CATALOG

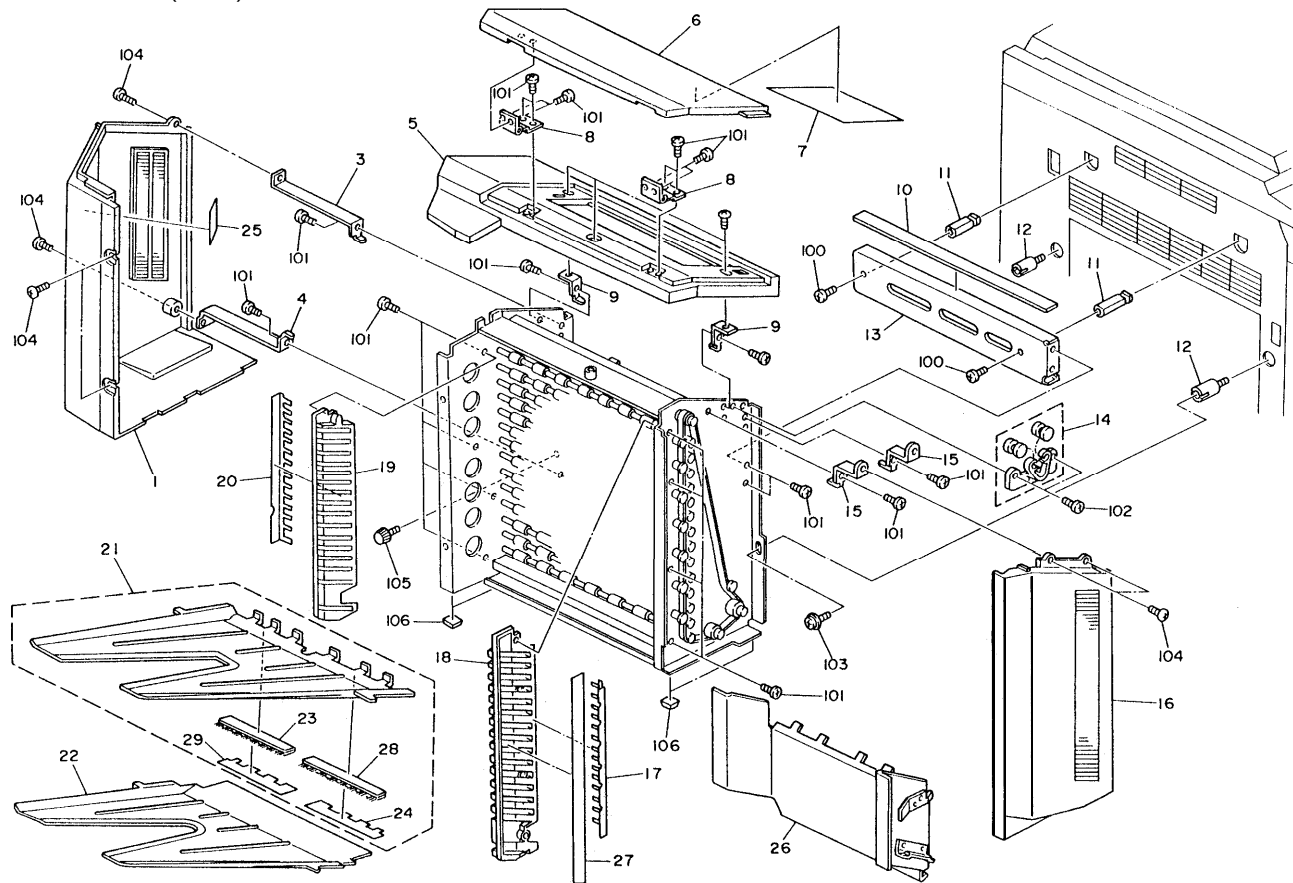
INTRODUCTION

This chapter instructs you the numbers and names of this parts on this machine.

INDEX to PARTS CATALOG

1. Exterior (A511)	2
2. Transport Section 1 (A511)	4
3. Transport Section 2 (A511)	6
4. Electrical Section (A511)	8
5. Main Control Board (A511)	10
6. Main Harness (A511)	12
7. Decal and Document (A511)	14
Parts Index	17

1. EXTERIOR (A511)

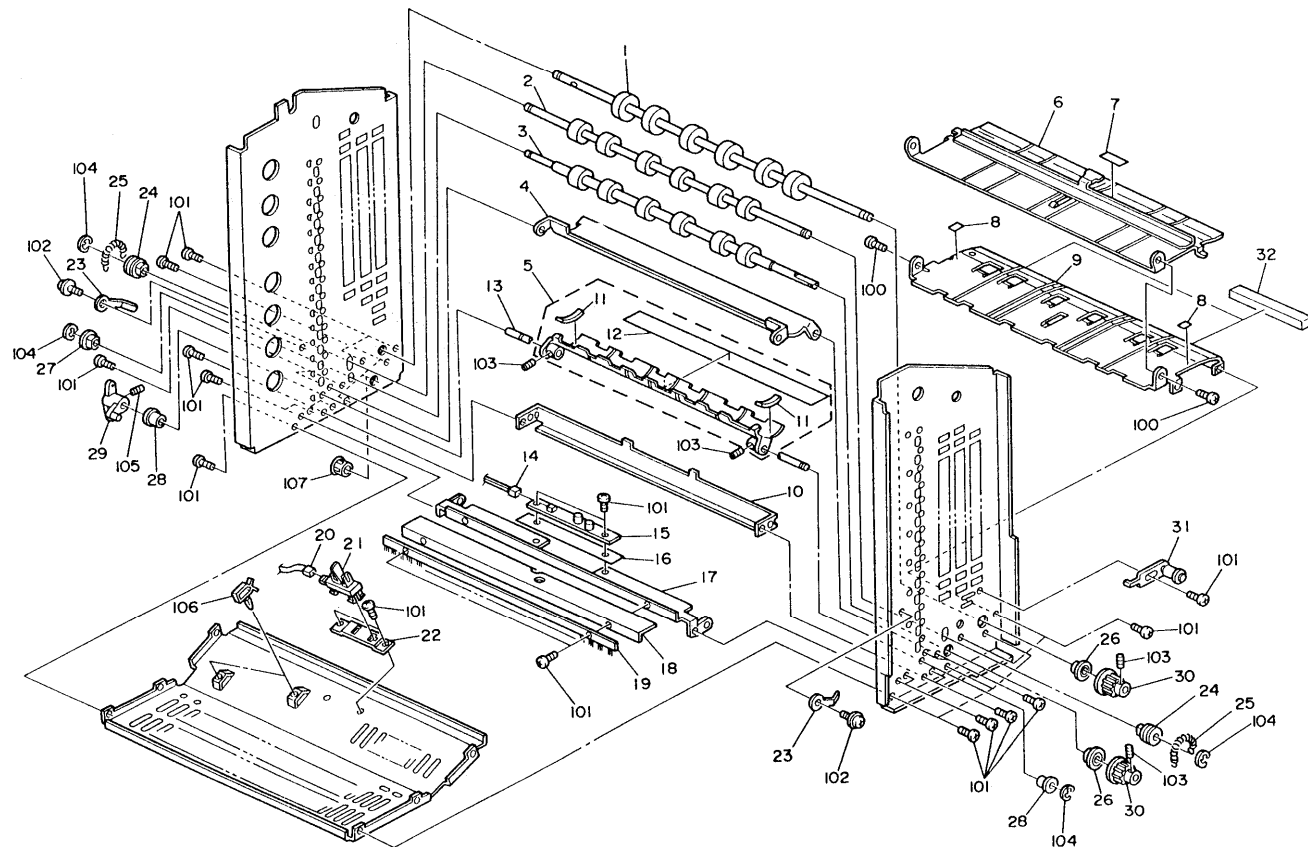


1. EXTERIOR (A511)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A322 6211	Rear Cover	1
3	58956103	Rear Cover Mounting Bracket	1
4	A455 6251	Rear Cover Bracket	1
5	A322 6311	Upper Cover	1
6	A322 6411	Door Cover	1
7	A511 7111	Decal - Misfeed Removal (RIC)	1
7	A511 7112	Decal - Misfeed Removal (NRG)	1
8	67696142	Hinge - Jam Clearance Cover	2
9	67696136	Bracket - Top Cover	2
10	67691128	Mounting Stay Magnet	1
11	AA14 8017	Stud - 28mm	2
12	67691127	Lower Mounting Stud	2
13	A322 1411	Mounting Stay	1
14	54091238	Rotary Catch	1
15	58956101	Front Cover Mounting Bracket	2
16	A322 6111	Front Cover	1
17	58956151	Front Grounding Plate	1
18	A511 3110	Bin Holder	1
19	58956171	Rear Bin Holder	1
20	58956152	Rear Grounding Plate	1
21	A438 3411	Bin	10
22	67692522	Interrupt Bin	1
23	67692525	Antistatic Brush	11
24	A438 3412	Front Mylar Seal - Sorter Bin	11
25	A511 7101	Decal - Dip Switch	1
26	A511 2010	Exit Roller Cover	1
27	A511 7211	Decal - Bin	1
28	67692519	Antistatic Brush	11
29	A438 3413	Rear Mylar Seal - Sorter Bin	11

Index No.	Part No.	Description	Q'ty Per Assembly
100	0314 0080B	Philips Pan Head Screw - M4x8	
101	0314 0060B	Philips Pan Head Screw -M4x6	
102	0313 0060B	Philips Pan Head Screw - M3x6	
103	0951 4006B	Philips Screw With Washer - M4x6	
104	0344 0080F	Philips Truss Head Screw - M4x8	
105	08030017	Knob Screw - M4x6.5	
106	08055009	Cushion	

2. TRANSPORT SECTION 1 (A511)

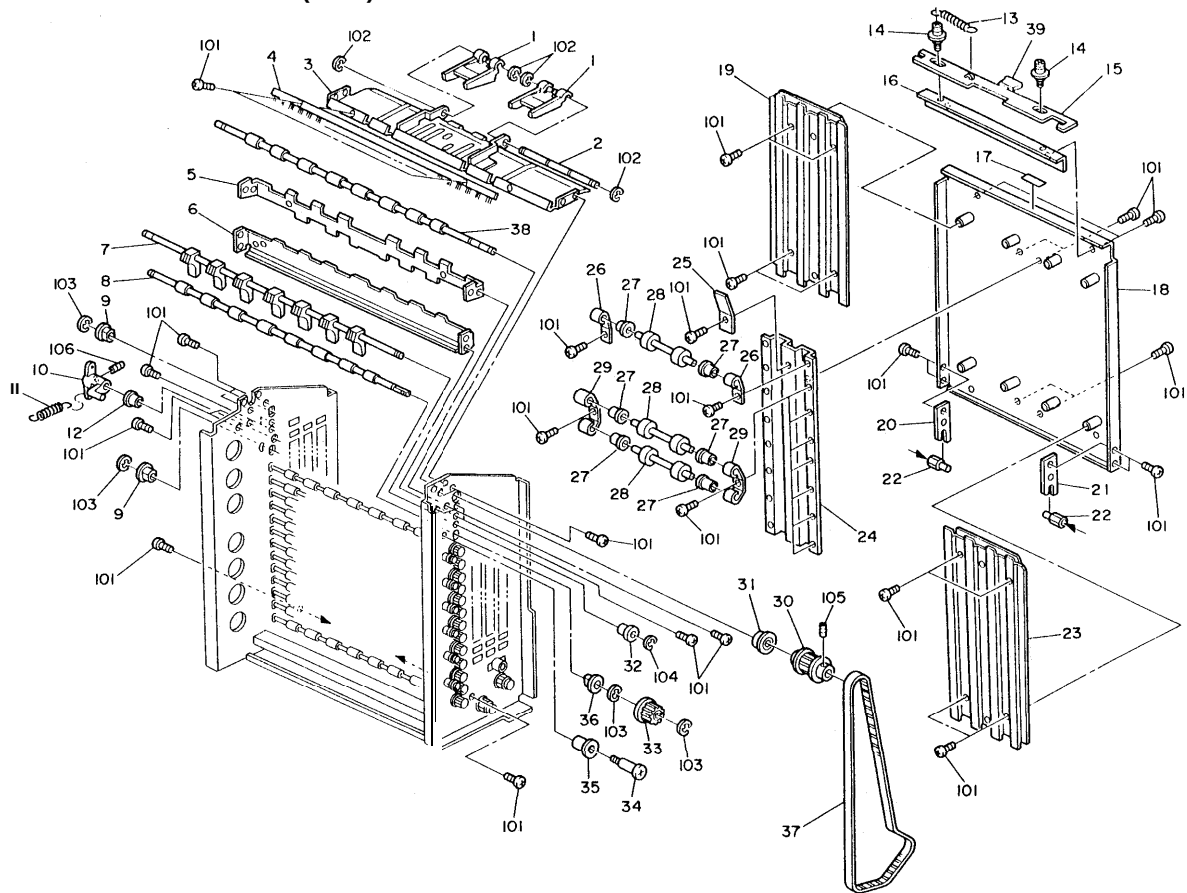


2. TRANSPORT SECTION 1 (A511)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AF02 3004	Transport Roller	1
2	A4382811	Upper Turn Feed Roller	1
3	A4382812	Lower Turn Feed Roller	1
4	6769 2261	Lower Turn Guide	1
5	A455 2711	Turn Guide	1
6	A3222211	Upper Entrance Guide	1
7	A4387102	GuidePlateDecal -2	1
8	5917 1216	Rubber8x10	2
9	A3222111	Lower Entrance Guide	1
10	5895 2524	Interrupt Bin Bracket	1
11	67692286	Cushion - Turn Gate	2
12	A4552721	Guide Plate	1
13	67692284	Shaft -Turn Gate	1
14	A3225310	Led Sensor Harness	1
15	59105630	Jam Sensor Board -Led	1
16	67692314	Mylar-Jam Sensor	1
17	67692312	Lower Support Bracket	1
18	58955821	LowerSensorCover	1
19	67692272	Antistatic Brush	2
20	A322 5320	Sensor Harness	1
21	AW02 0013	Inlet Sensor	1
22	A3224615	Entrance Sensor Bracket	1
23	58956155	Grounding Plate Angle	2
24	53041608	Bushing - 6mm	2
25	58952141	Spring - Turn Feed Roller	2
26	07413506	Ball Bearing - 6x12x4 Mm	4
27	50530447	Bushing - 6mm	16
28	58402416	Bushing - Pinch Roller	30
29	67693131	Lever - Bin Gate	15
30	AB030029	Pulley - 20T	2
31	67694161	Tightner - Timing Belt	1
32	A3225500	Sponge	2

Index No.	Part No.	Description	Q'ty Per Assembly
100	0314 0080B	Philips Pan Head Screw - M4x8	
101	0314 0060B	Philips Pan Head Screw - M4x6	
102	0951 4006B	Philips Screw With Washer -M4x6	
103	0574 0040E	Hexagon Headless Set Screw - M4x4	
104	0720 0040B	Retaining Ring - M4	
105	0573 0050W	Hexagon Headless Set Screw - M3x5	
106	11050200	Clamp	
107	11060241	Bushing - 6.7mm	

3. TRANSPORT SECTION 2 (A511)

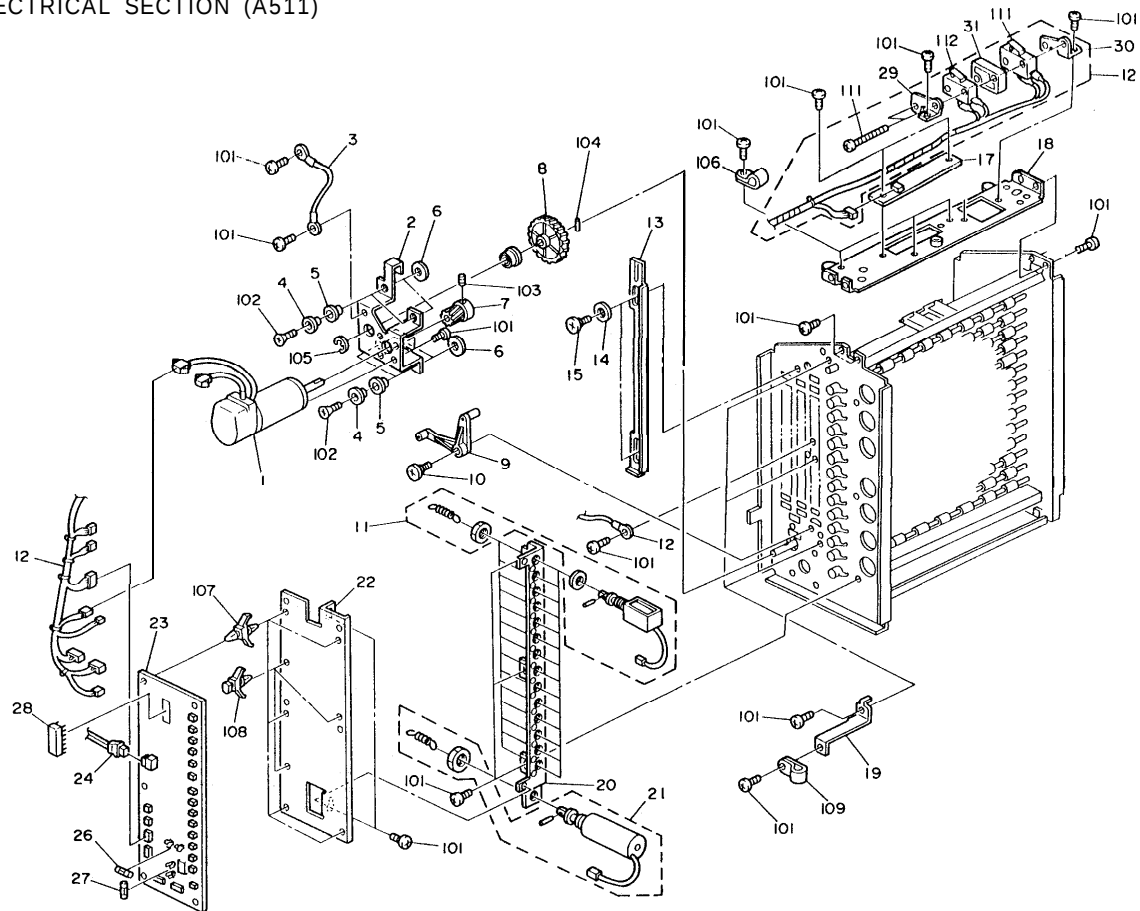


3. TRANSPORT SECTION 2 (A511)

Index No.	Part No.	Description	Q'ty Per Assembly
1	67692257	Guide Plate	2
2	58952256	Turn Guide Shaft	1
3	67692252	Upper Turn Guide	1
4	67692272	Antistatic Brush	2
5	A322 2511	Bin Support Bracket	1
6	A322 2255	Gate Pawl Guide	1
7	67693111	Bin Gate	14
8	A438 2821	Lower Exit Roller	14
9	50530447	Bushing - 6mm	16
10	67693131	Lever - Bin Gate	15
11	67693132	Spring - Bin Gate	14
12	58402416	Bushing - Pinch Roller	30
13	67693613	Spring - Latch	1
14	67693612	Stud - Latch	2
15	A411 2531	Knob Cap	2
16	67693614	Angle - Latch	1
17	A438 7101	Guide Plate Decal -1	1
18	A322 3251	Driven Roller Bracket	1
19	A455 2611	Front Driven Guide Plate	1
20	58953262	Rear Hinge Plate	1
21	58953261	Front Hinge Plate	1
22	58953263	Paper Transport Hinge Shaft	2
23	A455 2651	Rear Driven Guide Plate	1
24	58953221	Driven Roller Bracket	1
25	58953238	Driven Guide Plate - Upper	1
26	A455 2821	Spring Plate - Upper Driven Roller	2
27	AA08 0040	Bushing - 4mm	30
28	58953211	Exit Driven Roller	15
29	A455 2811	Spring Plate - Lower Driven Roller	14
30	A45541 11	Pulley - 17T	1
31	07413506	Ball Bearing - 6x1 2x4 mm	4
32	58402416	Bushing - Pinch Roller	30
33	AB03 0030	Pulley - 17Z	14
34	67694168	Stud - Tension Pulley	7
35	67694166	Tension Pulley - Timing Belt	8

Index No.	Part No.	Description	Q'ty Per Assembly
36	5424 4142	Bushing - Cleaning Roller	14
37	0806 5019	Timing Belt - 1005XL	1
38	A4382825	Exit Roller	1
39	6769 3611	Latch - Transport Bracket	1
101	0314 0060B	Philips Pan Head Screw - M4x6	
102	0720 0025B	Retaining Ring - M2.5	
103	0720 0040B	Retaining Ring - M4	
104	0720 0030B	Retaining Ring - M3	
105	0574 0040E	Hexagon Headless Set Screw - M4x4	
106	0573 0050W	Hexagon Headless Set Screw - M3x5	

4. ELECTRICAL SECTION (A511)



4. ELECTRICAL SECTION (A511)



Index No.	Part No.	Description	Q'ty Per Assembly
- 1	A3225250	MainMotor-24V19W	1
2	A3224110	Motor Bracket	1
3	A3665680	Grounding Wire A30775465 MB2	1
4	5936 2319	Collar - Vibration Damper	4
5	5936 2321	Rubber Bushing - Vibration Damper	4
6	5936 2320	Rubber Ring - Vibration Damper	4
7	AB01 1032	Gear -17T	1
8	AB01 1031	Gear - 64T	1
9	5895 2163	Arm - Transport Guide Plate	1
10	5408 2035	Stepped Screw - M4	1
11	A3225210	DC Solenoid	11
12	A3225300	Main Harness	1
13	5895 2161	Lever - Transport Guide Plate	1
14	5895 2165	Washer - 6x12	2
15	5418 1813	Stepped Screw - M5	2
17	A4555430	Upper Sensor Board	1
18	A3221131	Upper Sensor Bracket	1
19	67695655	Angle - Cord Clamp (70)	3
20	A4553511	Solenoid Bracket	1
21	67693150	Turn Gate Solenoid	1
22	A4554511	Main Control Board Bracket	1
23	A3225100	Main Control Board	1
24	AW030016	Optical Fiber	1
26	11070750	Fuse - 1A	1
27	11070745	Fuse - 3.15A 125V	1
28	A3225103	IC - D27256	1
29	67695632	Rear Bracket - Sorter Cover Switch	1
30	67695631	Bracket - Front Safety	1
31	A455 4531	Spacer	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0314 0060B	Philips Pan Head Screw - M4x6	
102	0313 0060B	Philips Pan Head Screw - M3x6	
103	0574 0040E	Hexagon Headless Set Screw - M4x4	
104	0632 0140E	Parallel Pin - M2x14	
105	0720 0040B	Retaining Ring - M4	
106	11050005	Nylon Clip - 3N	
107	11050192	Locking Support	
108	11060394	Locking Support	
109	11050009	Nylon Clip - 5N	
110	03130350W	Philips Pan Head Screw - M3x35	
111	12041211	Micro Switch	
112	12041321	Micro Switch	

5. MAIN CONTROL BOARD (A511)

CAPACITOR

SYMBOL NO.	INDEX NO.
C100	14
C101	14
C102	14
C103	14
C104	14
C105	14
C106	14
C107	14
C108	14
C109	137

SYMBOL NO.	INDEX NO.
C110	141
C111	141
C112	141
C113	141
C114	141
C115	141
C116	141
C117	141
C118	141
C119	142

SYMBOL NO.	INDEX NO.
C120	141
C121	141
C122	137
C123	138
C124	141
C125	141
C126	136
C127	141
C128	139
C129	140

CONNECTOR

SYMBOL NO.	INDEX NO.
CN100	106
CN101	106
CN102	106
CN103	106
CN104	106
CN105	106
CN106	106
CN107	106
CN108	106
CN109	106

SYMBOL NO.	INDEX NO.
CN110	106
CN111	106
CN112	106
CN113	106
CN114	102
CN120	105
CN130	103
CN140	104
CN150	107
CN160	109

SYMBOL NO.	INDEX NO.
CN165	108
CN170	106

DIP SWITCH

SYMBOL No.	INDEX NO.
DPS100	114

P.C

SYMBOL NO.	INDEX NO.
PCI00	118

DIODE

SYMBOL NO.	INDEX NO.
D100	117
D101	117
D102	117
D103	117
D104	117
D105	117
D106	117
D107	117
D108	117
D109	117

IC

SYMBOL NO.	INDEX NO.
D110	117
D111	117
D112	117
D113	117
D114	117
D115	117

SYMBOL NO.	INDEX NO.
IC100	1 (111)
IC101	121
IC102	122
IC103	120
IC104	123
IC105	123
IC106	125
IC107	126
IC108	124
IC109	127

FUSE

SYMBOL NO.	INDEX NO.
FU100	113
FU101	110
	112
	110

LED

SYMBOL NO.	INDEX NO.
LED100	119
LED101	119
LED102	119

NF

SYMBOL NO.	INDEX NO.
NF100	135

OSCILLATOR

SYMBOL NO.	INDEX NO.
OSC100	128

RESISTOR

SYMBOL NO.	INDEX NO.
R100	153
R101	153
R102	153
R103	153
R104	153
R105	151
R106	153
R107	152
R108	145
R109	143

SYMBOL NO.	INDEX NO.
R110	148
R111	149
R112	149
R113	146
R114	146
R115	152
R116	150
R117	143
R118	152
R119	149

5. MAIN CONTROL BOARD (A511)

RESISTOR

SYMBOL NO.	INDEX NO.
R120	150
R121	147
R122	143
R123	150
R124	129
R125	154
R126	155
R127	144
R128	150
R129	152

SYMBOL NO.	INDEX NO.
R130	152
R131	149
R132	143
R134	146

RESISTOR ARRAY

SYMBOL NO.	INDEX NO.
RAY100	131
RAY101	131
RAY102	131
RAY103	131
RAY104	131
RAY105	130
RAY106	132

TEST POINT

SYMBOL NO.	INDEX NO.
TP100	101
TP101	101
TP102	101
TP103	101

TRANSISTOR

SYMBOL NO.	INDEX NO.
Q100	115
Q101	116

VR

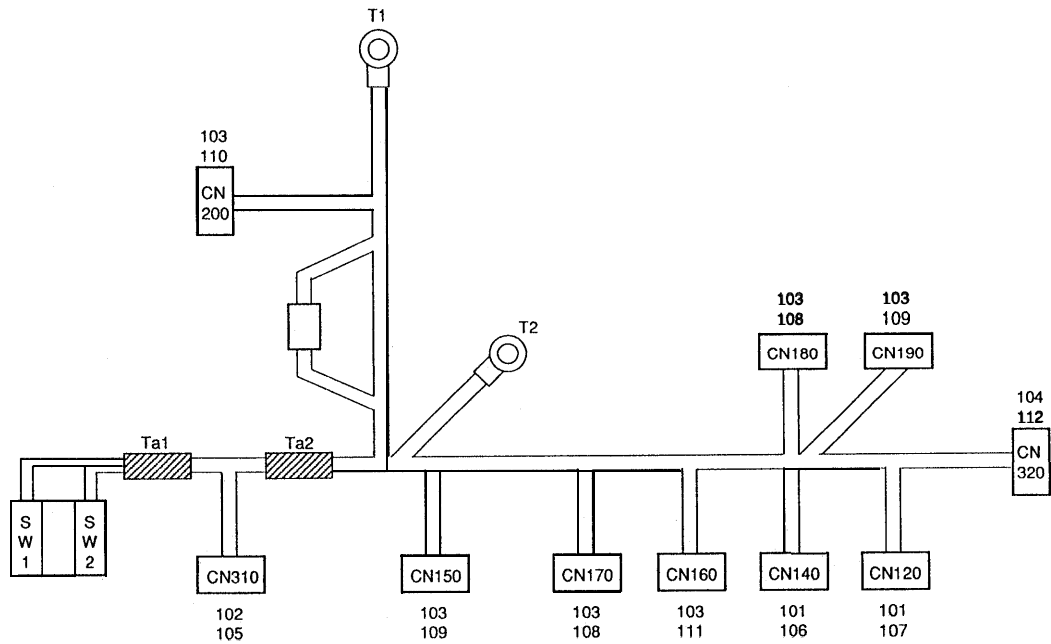
SYMBOL NO.	INDEX NO.
VR100	134
VR101	133

5. MAIN CONTROL BOARD (A511)

Index No.	Part No.	Description	Qty Per Assembly
* 1	A3225100 A322 5103	Main Control Board IC-D27256	1 1
101	11010328	Connector Pin Contact	
102	11021055	Connector-2P	
103	11025003	Connector- 2P	
104	11030441	Connector- 4P	
105	11030725	Connector- 3P	
106	11031768	Connector- 2P	
107	11031769	Connector- 3P	
108	11031770	Connector- 4P	
109	11031771	Connector- 5P	
110	11040307	Fuse Holder	
111	11040588	DipSocket-28P	
112	11070750	Fuse - 3.5A 250V	
113	11070745	Fuse -1A250V	
114	12041422	Dip Switch - 51D-0401	
115	14000284	Transistor - 2SD789d	
116	14010200	Transistor- 2SD633	
117	14020110	Diode - V06C	
118	14030238	IC - TLP521	
119	14030558	LED-SE12110RTP3	
120	14070975	IC - HD7407P	

Index No.	Part No.	Description	Qty Per Assembly
121	14071026	IC - SN74LS373N	
122	14072235	IC - UPD7810HCW	
123	14072635	TTL - TD62384AP	
124	14080200	IC - TA75339P	
125	14080408	IC - PST518A	
126	14080521	IC - M51971L	
127	14080538	IC - SI8301L	
128	15030416	Oscillator - CST10.0MT	
129	16001209	Resistor - 220Ω 1w ±5%	
130	16017352	Resistor Array - 4.7k Ω	
131	16017374	Resistor Array - 4.7k Ω	
132	16017380	Resistor - 47k Ω	
133	16018139	Variable Resistor - 50k Ω 0.5w	
134	16018148	Variable Resistor - 20k Ω 0.5w	
135	16020953	Coil - 800UH 2.5A	
136	16041357	Capacitor - 470μF 10V	
137	16041378	Capacitor - 1μF 50V	
138	16041380	Capacitor - 3.3μF 50V	
139	16041389	Capacitor - 470μF 50V	
140	16060658	Capacitor - 0.1μF 50V	
141	16060998	Ceramic Capacitor - 0.01μF 50V	
142	16061348	Capacitor - 0.022μF 50V	
143	16114102	Resistor - 1k Ω 1/4T ±5%	
144	16114103	Resistor - 10k Ω 1/4T ±5%	
145	16114151	Resistor - 150 Ω 1/4W ±5%	
146	16114152	Resistor - 1.5k Ω 1/4T ±5%	
147	16114181	Resistor - 180 Ω 1/4T ±5%	
148	16114202	Resistor - 2k Ω 1/4T ±5%	
149	16114223	Resistor - 22k Ω 1/4T ±5%	
150	16114332	Resistor - 3.3k Ω 1/4T ±5%	
151	16114470	Resistor - 47 Ω 1/4T 5%	
152	16114472	Resistor - 4.7k Ω 1/4W ±5%	
153	16114473	Resistor - 47k Ω 1/4T ±5%	
154	16114563	Resistor - 56k Ω 1/4T ±5%	
155	16114913	Resistor - 91k Ω 1/4W ±5%	

6. MAIN HARNESS (A511)

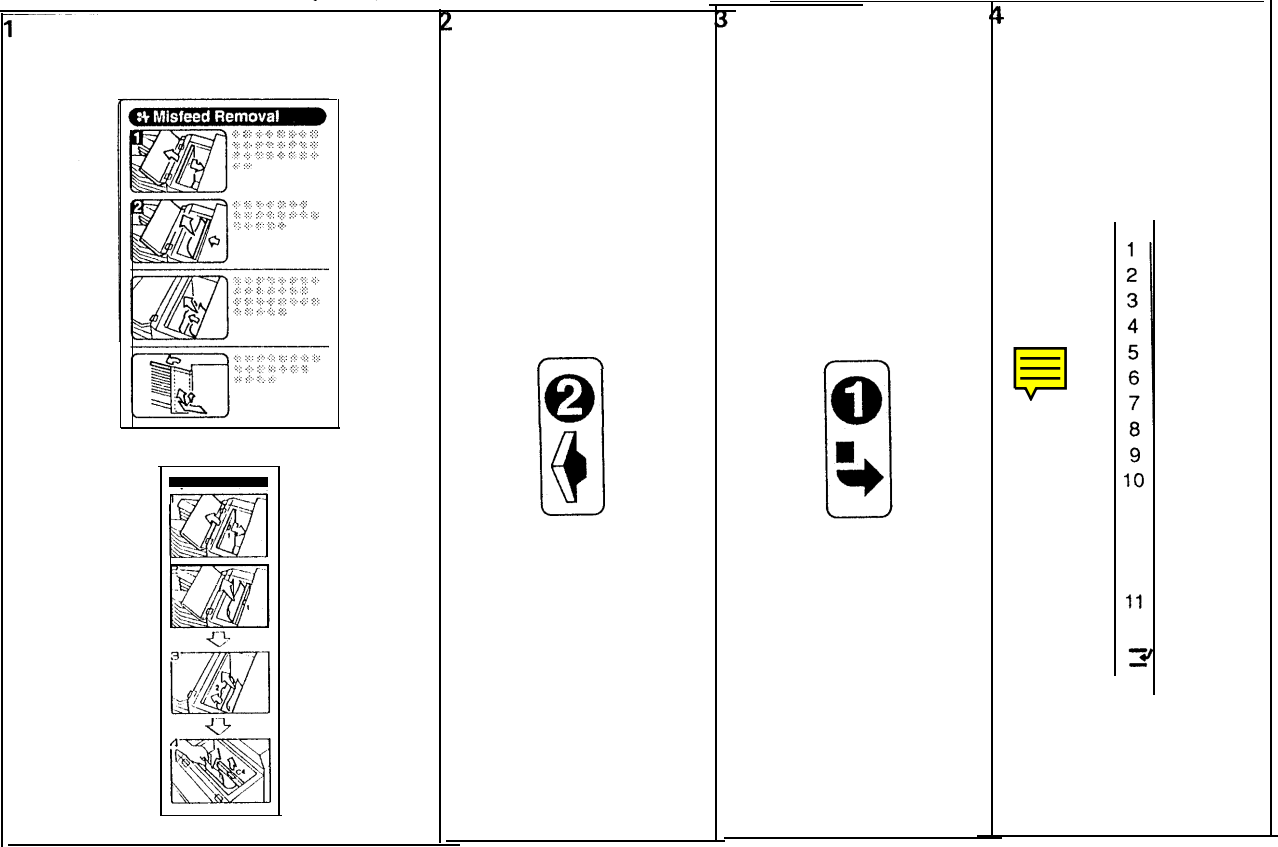


6. MAIN HARNESS (A511)

Index No.	Part No.	Description	Q'ty Per Assembly
	A322 5300	Main Harness	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	11001247	Terminal	
102	11001274	Fastening Receptacle	
103	11001329	Contact	
104	11001330	Socket Contact	
105	11021794	Connector-4P	
106	11021831	Connector-4P	
107	11021878	Connector-3P	
108	11021982	Socket Housing - 2P	
109	11021983	Connector-3P	
110	11021984	Connector-4P	
111	11021985	Connector-5P	
112	11022024	Pin Housing - 2P	
113	16070116	Ferrite Core	

7. DECAL AND DOCUMENT (A511)



7. DECAL AND DOCUMENT (A511)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A511 7111	Decal - Misfeed Removal(RIC)	1
1	A511 7112	Decal - Misfeed Removal (NRG)	1
2	A438 7102	Guide Plate Decal -2	1
3	A438 7101	Guide Plate Decal -1	1
4	A511 7211	Decal - Bin	1

Index No.	Part No.	Description	Q'ty Per Assembly