

AZALEA (A187/A189)

PARTS CATALOG

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INTRODUCTION

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

INDEX to PARTS CATALOG

AZALEA

(A187/A189)

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INTRODUCTION

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

INDEX to PARTS CATALOG

0.LOCATION OF UNIT	3	20.TRANSFER BELT CLEANING (A187/189).....	48
1.EXTERIOR (A187/189)	10	21.TRANSPORT UNIT (A187/189)	50
2.EXTERIOR 2 (A187/189)	12	22.FUSING UNIT 1 (A187/189).....	52
3.PLATEN COVER (A187/189).....	14	23.FUSING UNIT 2 (A187/189).....	54
4.OPERATION PANEL (A189)	16	24.FUSING UNIT 3 (A187/189).....	56
5.OPTICS SECTION 1 (A187/189)	18	25.PAPER EXIT SECTION (A187/189)	58
6.OPTICS SECTION 2 (A187/189)	20	26.DUPLEX UNIT 1 (A187/189).....	60
7.OPTICS SECTION 3 (A187/189)	22	27.DUPLEX UNIT 2 (A187/189).....	62
8.OPTICS SECTION 4 (A187/189)	24	28.DUPLEX UNIT 3 (A187/189).....	64
9.LD UNIT (A187/189)	26	29.SWEEPER (A187/189).....	66
10.BY-PASS FEED SECTION (A187/189)	28	30.DRIVE SECTION 1 (A187/189).....	68
11.PAPER FEEED SECTION 1 (A187/189)	30	31.DRIVE SECTION 2 (A187/189).....	70
12.PAPER FEEED SECTION 2 (A187/189)	32	32.ELECTRICAL SECTION 1 (A187/189)	72
13.PAPER REGISTRATION (A187/189)	34	33.ELECTRICAL SECTION 2 (A187/189)	74
14.TONNER HOPPER (A187/189).....	36	34.ELECTRICAL SECTION 3 (A187/189)	76
15.DEVELOPMENT UNIT (A187/189).....	38	35.ELECTRICAL SECTION 4 (A187/189)	78
16.TRANSFER BELT UNIT 1 (A187/189).....	40	36.FRAME SECTION 1 (A187/189).....	80
17.TRANSFER BELT UNIT 2 (A187/189).....	42	37.FRAME SECTION 2 (A187/189)	82
18.DRUM SECTION (A187/189).....	44	38.FRAME SECTION 3 (A187/189)	84
19.DRUM CLEANING (A187/189)	46	39.SCANER MOTOR CONTROL BOARD (A187/189).....	86

PARTS CATALOG

INTRODUCTION

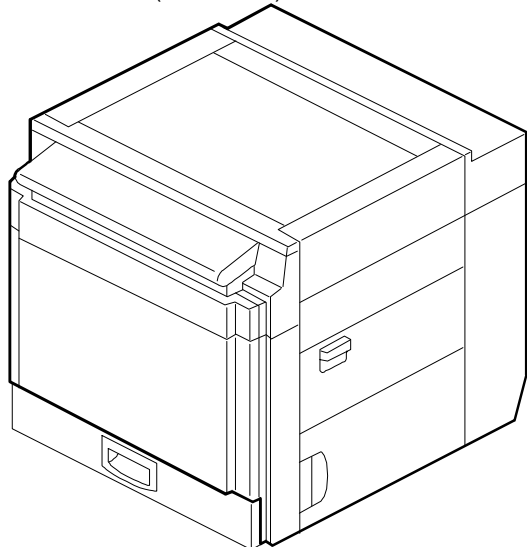
This chapter instructs you the numbers and names of parts on this machine.

INDEX to PARTS CATALOG

40.SYSTEM CONTROL BOARD (A187)	88
41.SYSTEM CONTROL BOARD (A189)	92
42.IPU BOARD (A187).....	96
43.IPU BOARD (A189).....	102
44.PRINTER MAIN BOARD (A187/189).....	108
45.MEMORY BOARD (A187/189)	112
46.I/O CONTROL BOARD 1 (A187/189)	114
47.I/O CONTROL BOARD 2 (A187/189)	116
48.IPU SUB BOARD (A189)	118
49.DECAL AND DOCUMENT (A187/189).....	120
50.SPECIAL TOOLS (A187/189)	122
99.PARTS INDEX	125

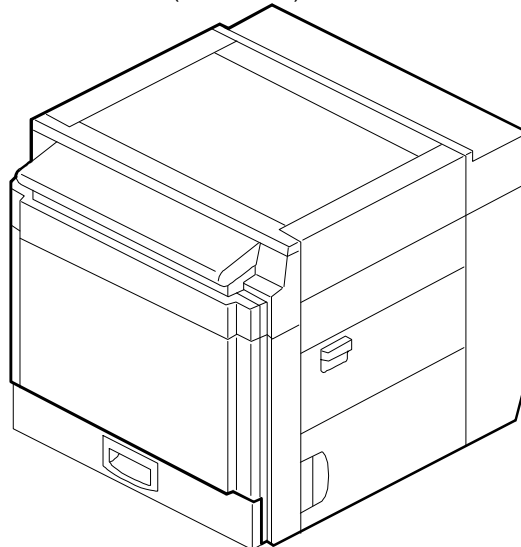
LOCATION OF UNIT

1. EXTERIOR (A187/189)



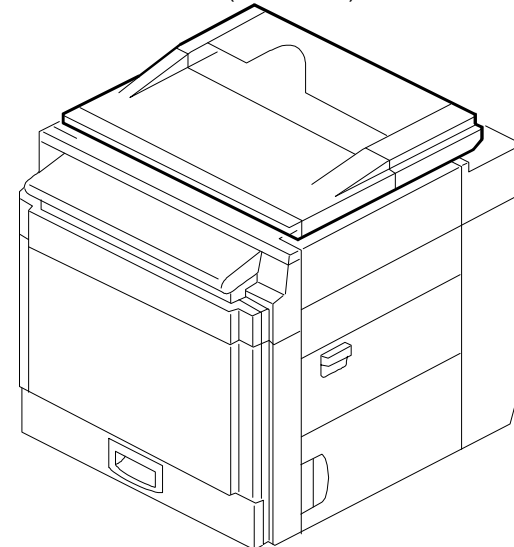
See Page 10

2. EXTERIOR 2 (A187/189)



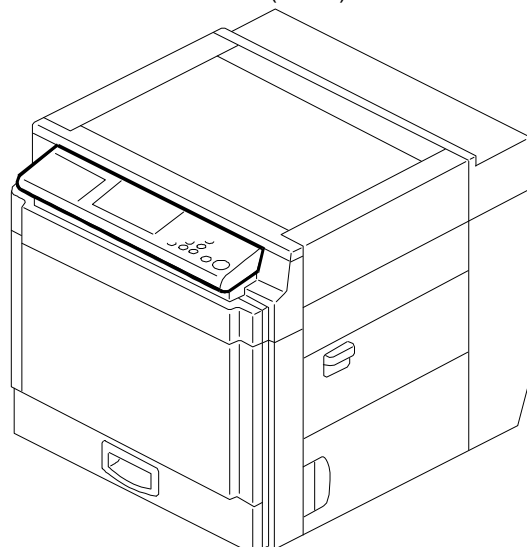
See Page 12

3. PLATEN COVER (A187/189)



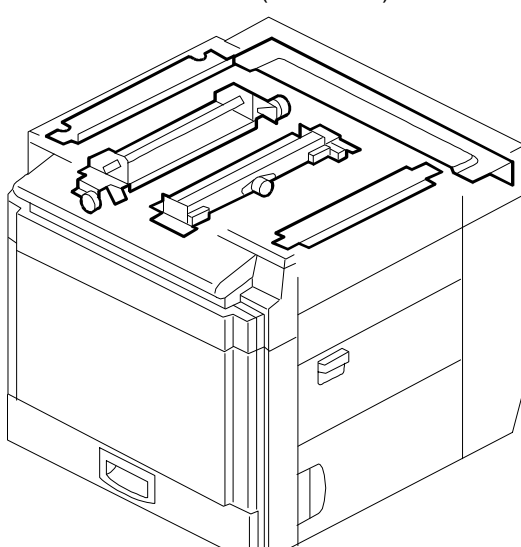
See Page 14

4. OPERATION PANEL (A189)



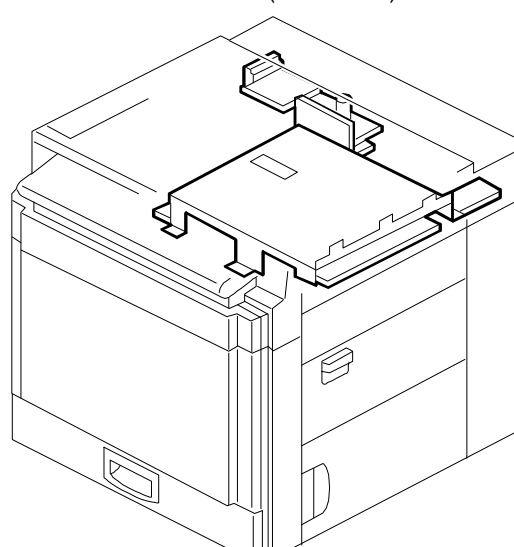
See Page 16

5. OPTICS SECTION 1 (A187/189)



See Page 18

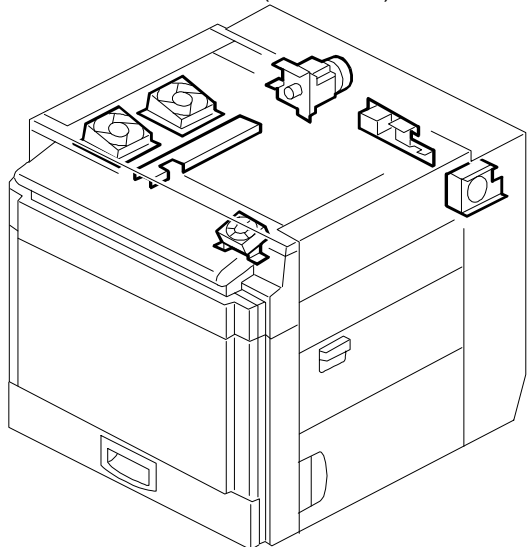
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See Page 20

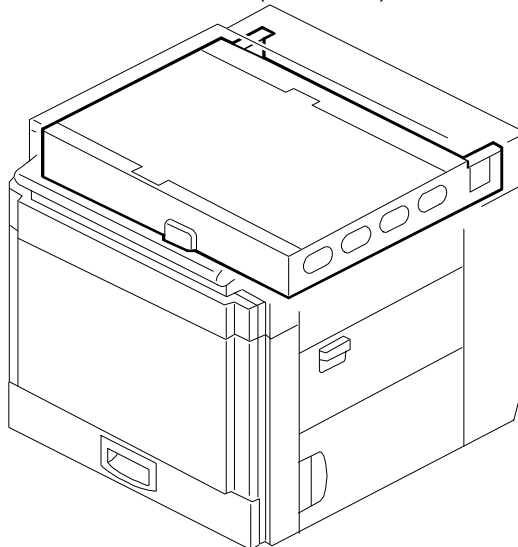
LOCATION OF UNIT

7. OPTICS SECTION 3 (A187/189)



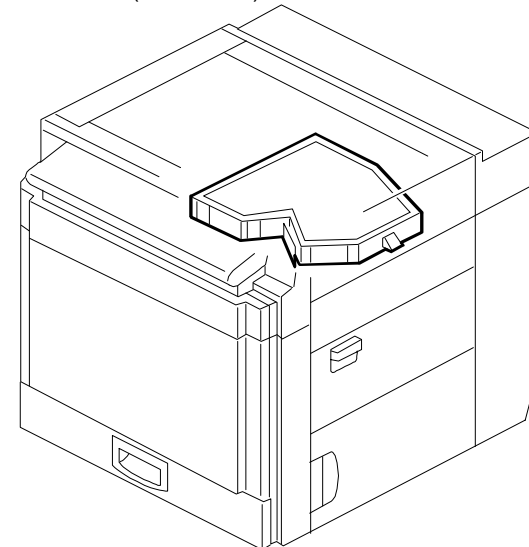
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8. OPTICS SECTION 4 (A187/189)



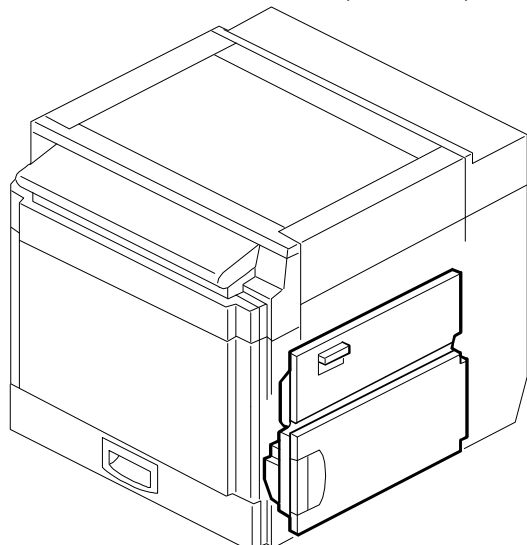
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9. LD UNIT (A187/189)



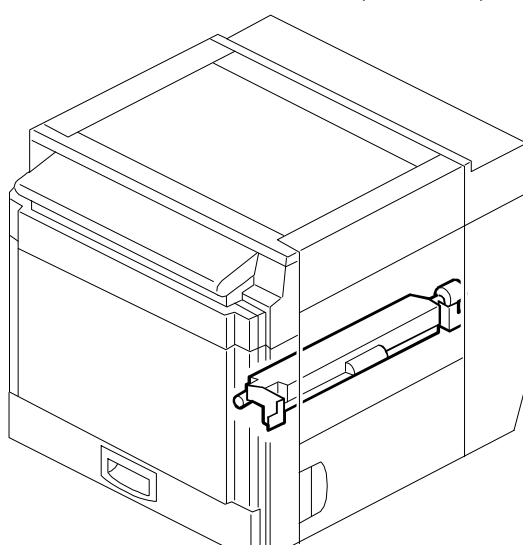
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10. BY-PASS FEED SECTION (A187/189)



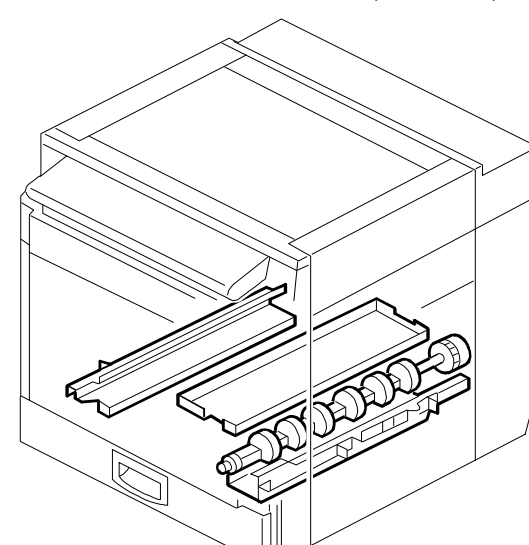
See Page 28

11. PAPER FEED SECTION 1 (A187/189)



See Page 30

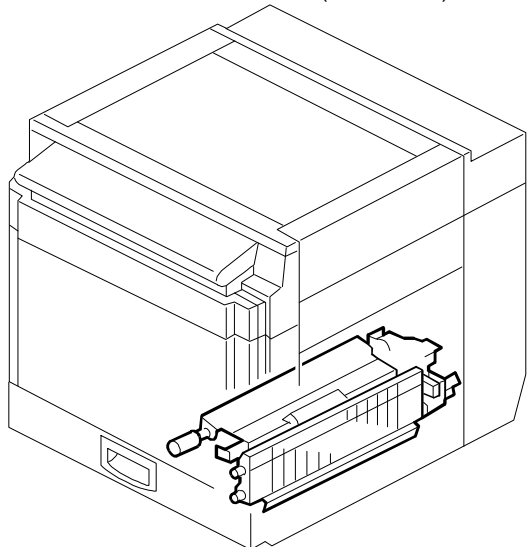
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See Page 32

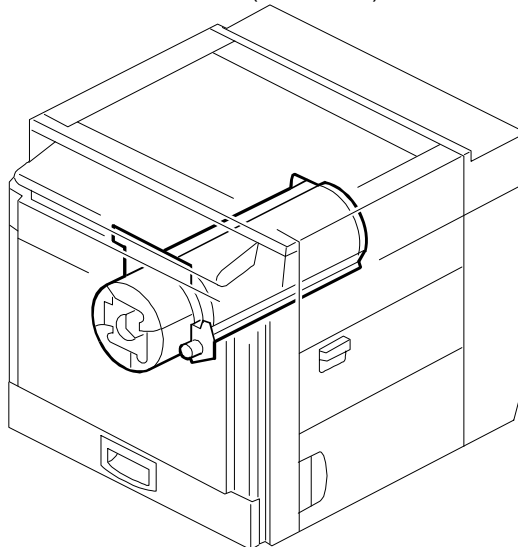
LOCATION OF UNIT

13. PAPER REGISTRATION (A187/189)



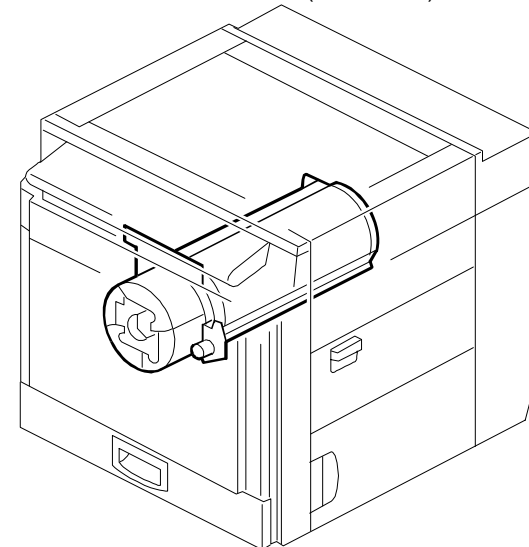
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14. TONNER HOPPER (A187/189)



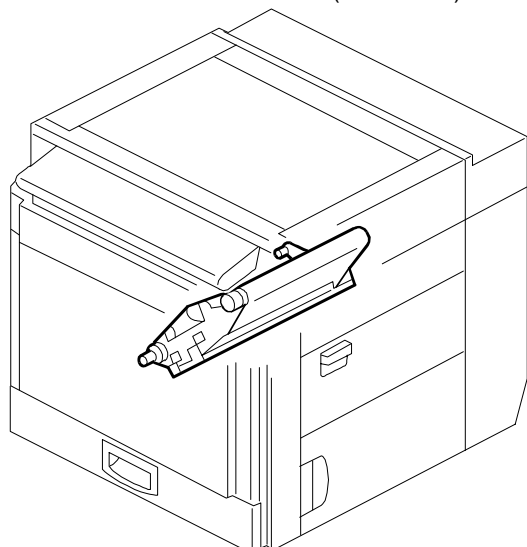
See Page 36

15. DEVELOPMENT UNIT (A187/189)



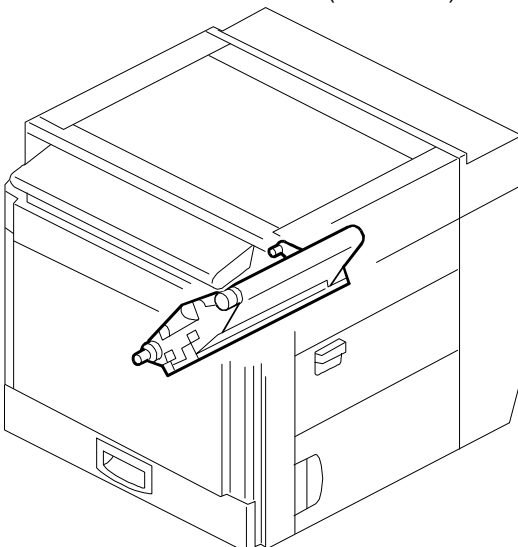
See Page 38

16. TRANSFER BELT UNIT 1 (A187/189)



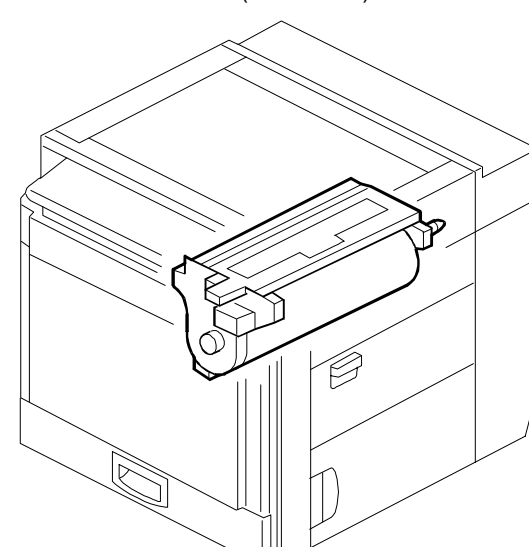
See Page 40

17. TRANSFER BELT UNIT 2 (A187/189)



See Page 42

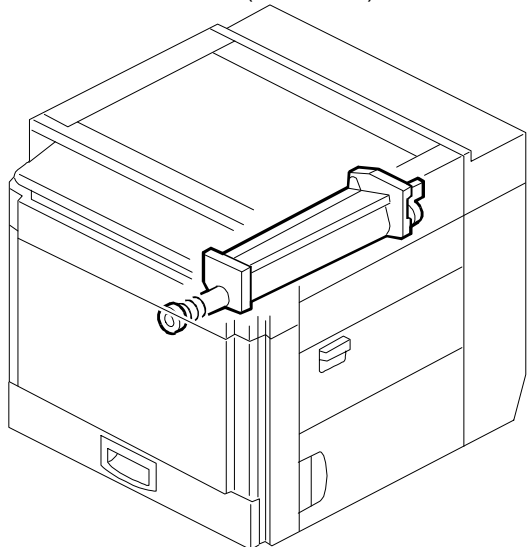
18. DRUM SECTION (A187/189)



See Page 44

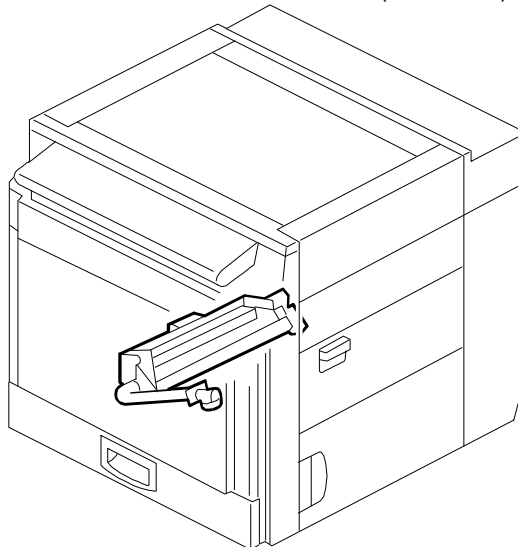
LOCATION OF UNIT

19. DRUM CLEANING (A187/189)



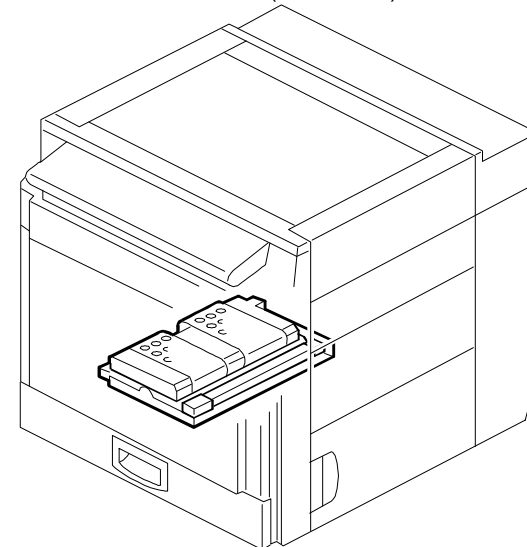
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20. TRANSFER BELT CLEANING (A187/189)



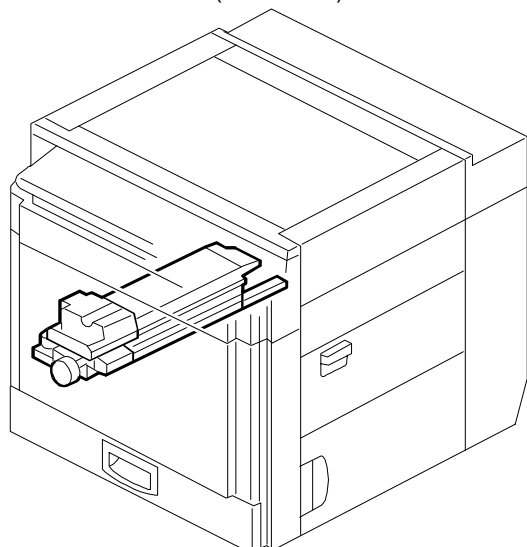
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21. TRANSPORT UNIT (A187/189)



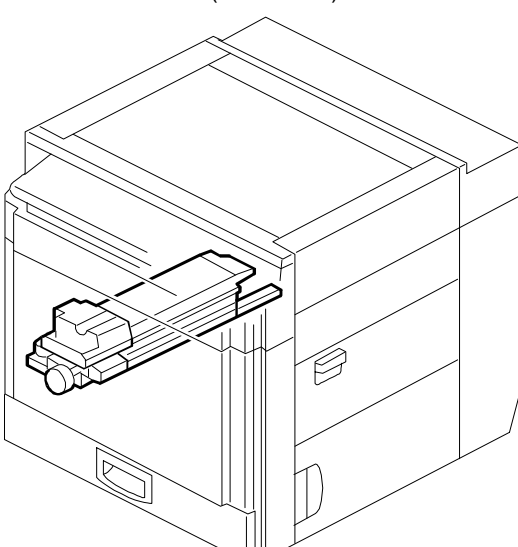
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22. FUSING UNIT 1 (A187/189)



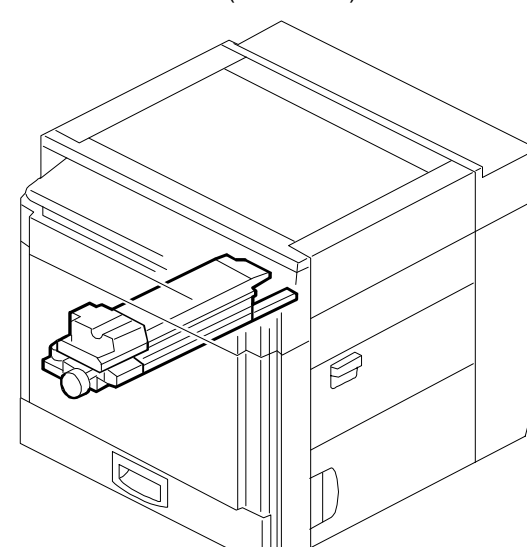
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23. FUSING UNIT 2 (A187/189)



See Page 54

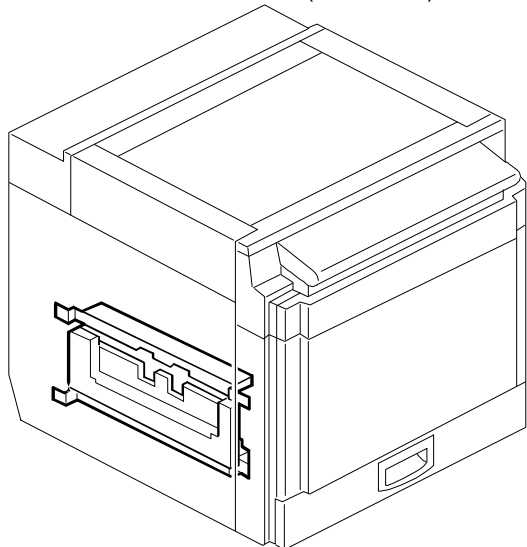
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See Page 56

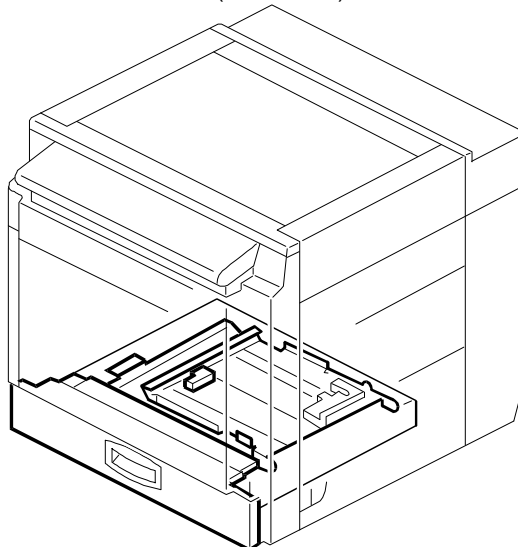
LOCATION OF UNIT

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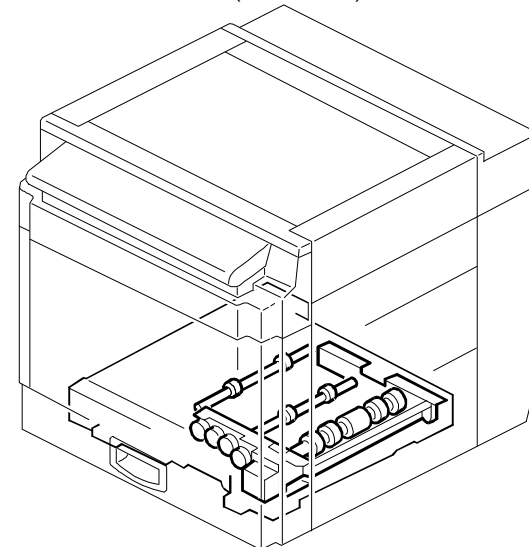
See Page 58

26. DUPLEX UNIT 1 (A187/189)



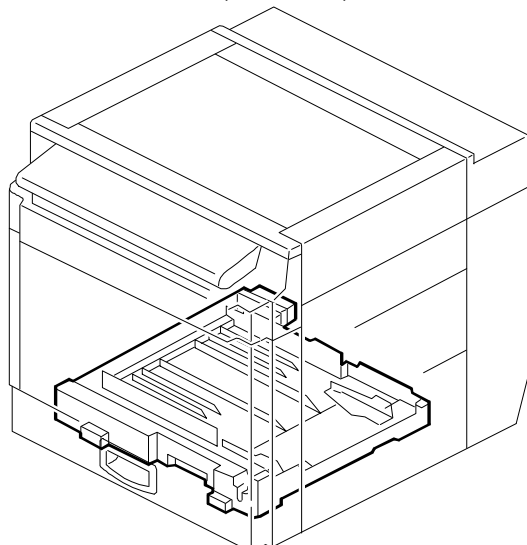
See Page 60

27. DUPLEX UNIT 2 (A187/189)



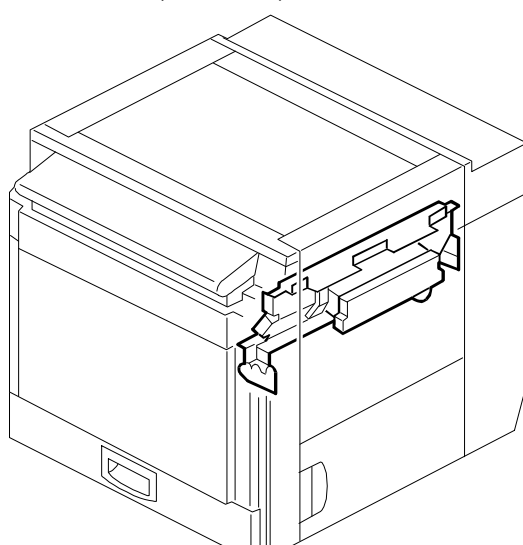
See Page 62

28. DUPLEX UNIT 3 (A187/189)



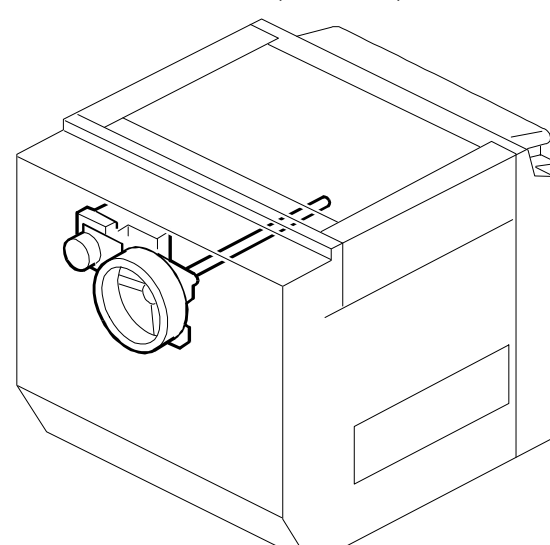
See Page 64

29. SWEEPER (A187/189)



See Page 66

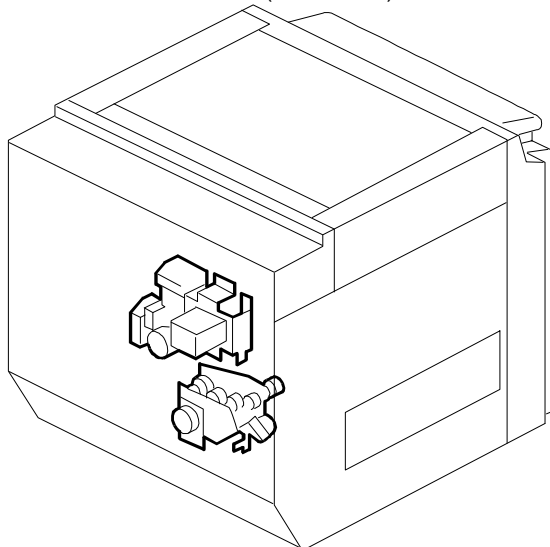
30. DRIVE SECTION 1 (A187/189)



See Page 68

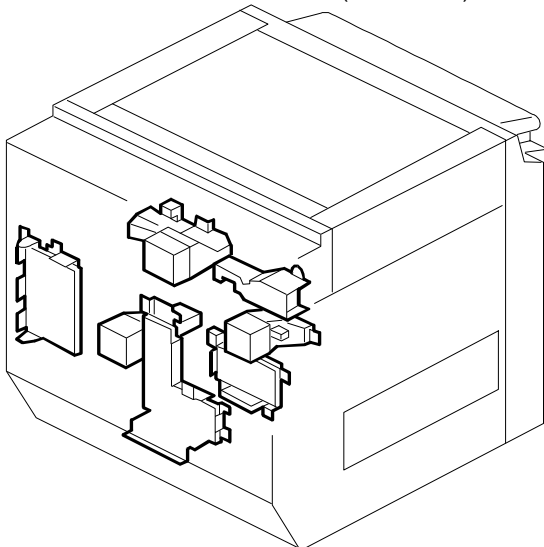
LOCATION OF UNIT

31. DRIVE SECTION 2 (A187/189)



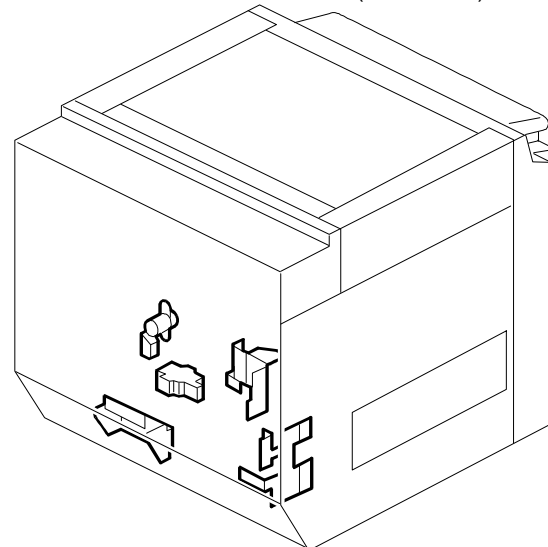
See Page 70

32. ELECTRICAL SECTION 1 (A187/189)



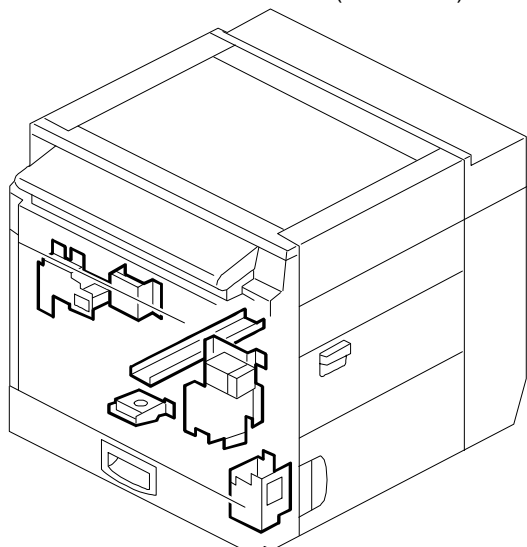
See Page 72

33. ELECTRICAL SECTION 2 (A187/189)



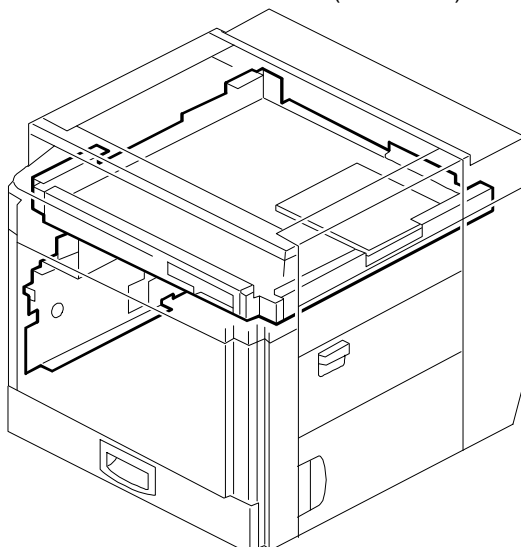
See Page 74

34. ELECTRICAL SECTION 3 (A187/189)



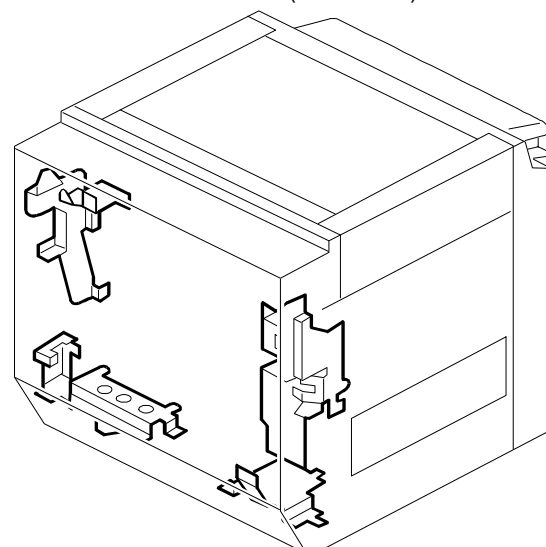
See Page 76

35. ELECTRICAL SECTION 4 (A187/189)



See Page 78

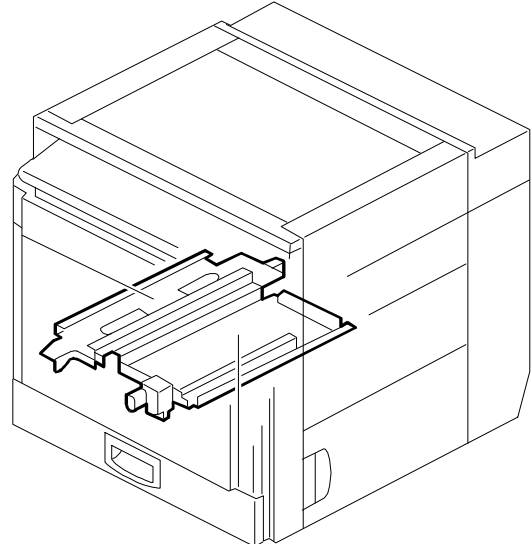
36. FRAME SECTION 1 (A187/189)



See Page 80

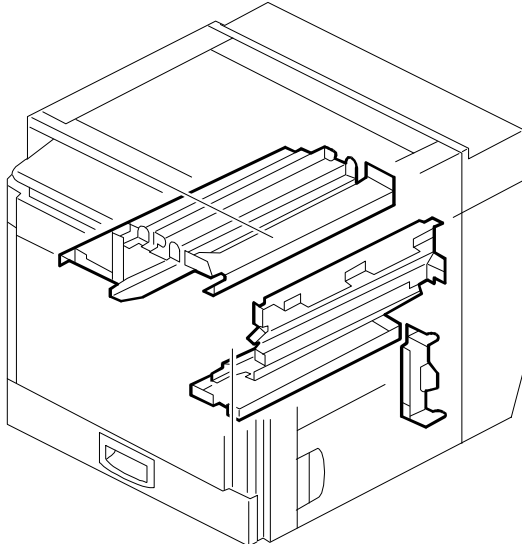
LOCATION OF UNIT

37. FRAME SECTION 2 (A187/189)



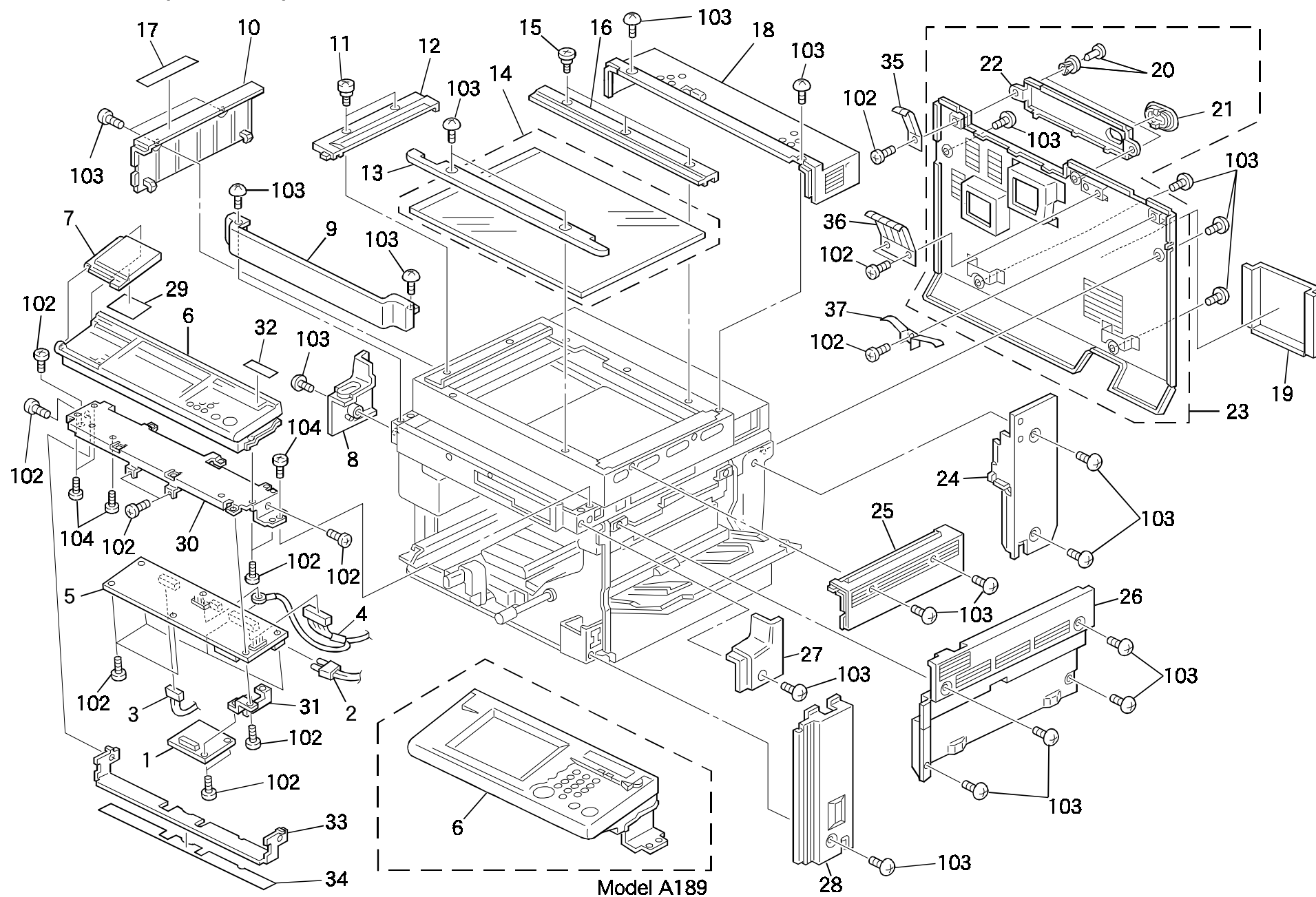
See Page 82

38. FRAME SECTION 3 (A187/189)



See Page 84

1. EXTERIOR (A187/189)



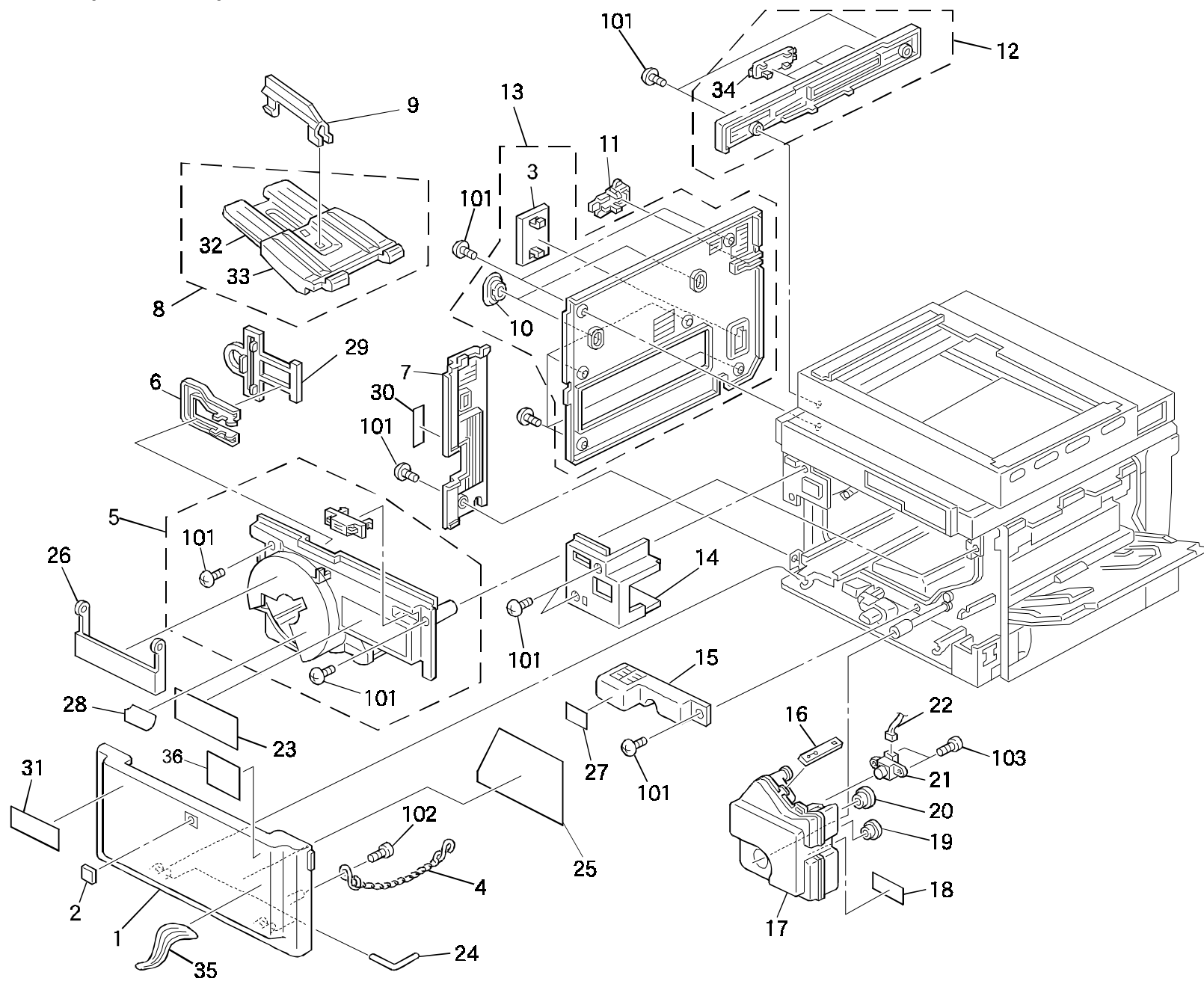
Model A189

1. EXTERIOR (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 5253	Memory Board (A187)	1
2	AW03 0070	Optical Fiber - 75 1000mm	1
3	A166 5645	DC Harness SCU (115V)	1
3	A187 5645	DC Harness SCU (230V)	1
4	A166 5695	SCSI Harness (115V)	1
4	A187 5695	Harness - SCSI - EU (230V)	1
5	A187 5268	SCU Board (115V)(A187)	1
5	A187 5258	SCU Board (NRG)(230V)(A187)	1
5	A187 5251	SCU Board (RIC/INF)(230V)(A187)	1
6	A187 1474	Operation Panel Ass'y - LT (A187)	1
6	A187 1475	Operation Panel Ass'y - A4 (A187)	1
6	A188 1464	Operation Panel Ass'y - LT Edit (A189)	1
6	A188 1465	Operation Panel Ass'y - A4 Edit (A189)	1
7	A166 1525	Key Top Cover	1
8	A166 1382	Left Cover - System Control	1
9	A166 1380	Front Cover - System Control	1
10	A166 1828	Scanner Left Cover	1
11	AA14 3454	Stepped Screw - M3	2
12	A134 1921	Scale - Left - Printing (A4)	1
12	A133 7156	Left Scale (LT)	1
13	A166 1826	Scanner Front Cover	1
14	A134 1924	Exposure Glass	1
15	AA14 3219	Stepped Screw	3
16	A134 1922	Rear Scale (A4)	1
16	A133 7157	Rear Scale (LT)	1
17	A166 1837	Decal - Caution	1
18	A166 1829	Scanner Rear Cover	1
19	A153 1357	Operating Instruction Holder	1
20	A166 1319	Rivet	2
21	A166 1346	Left Cover Cap	1
22	A166 1366	Switch Cover	1
23	A166 1306	Rear Cover Ass'y (LT)	1
23	A166 1308	Rear Cover Ass'y (A4)	1
24	A166 1301	Right Rear Cover	1
25	A166 1827	Scanner Right Cover	1

Index No.	Part No.	Description	Q'ty Per Assembly
26	A166 1291	Right Middle Cover	1
27	A166 1381	Right Cover - System Control	1
28	A166 1271	Front Right Cover	1
29	A187 1526	Operation Decal (LT)	1
29	A187 1527	Operation Decal (A4)	1
30	A166 5880	Operation Panel Bracket - SCU	1
31	A166 5874	Bracket - NV SCU	1
32	A153 6409	Decal - Keytop Cover (NRG)	1
32	C225 2867	Decal - Cover - Panel (NSA)	1
33	A166 5882	Shielding Plate	1
34	A166 5886	Seal - Shielding Plate	1
35	A166 1323	Grounding Plate	1
36	A166 1322	Grounding Plate	1
37	A166 1321	Grounding Plate	1
101	0434 0060B	Philips Tapping Screw - M4x6	
102	0443 0060B	Hexagon Tapping Screw - M3x6	
103	0802 5094	Tapping Truss Head Screw - M4x8	
104	0452 3008B	Tapping Screw - M3x8	

2. EXTERIOR 2 (A187/189)

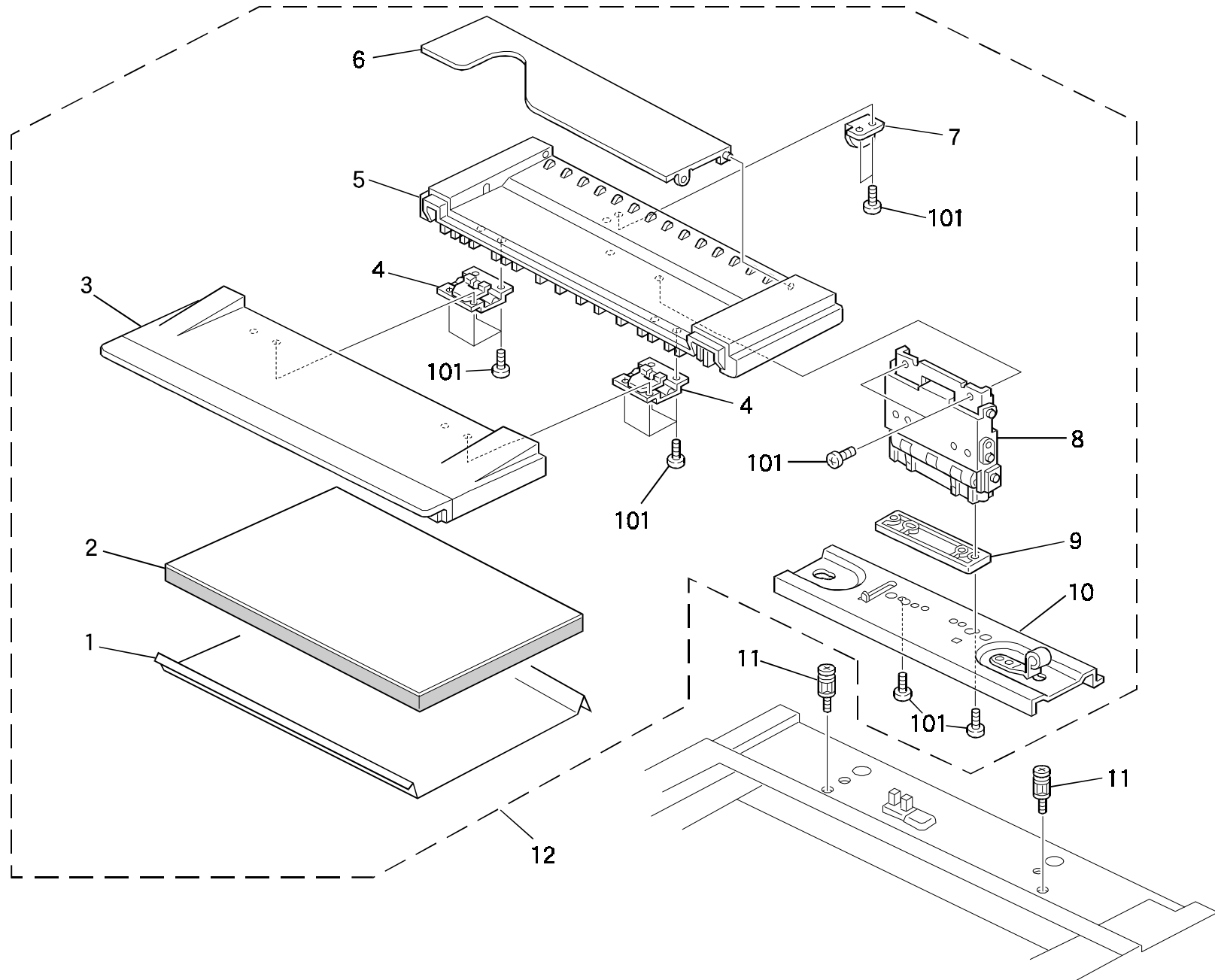


2. EXTERIOR 2 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 6712	Front Cover (NRG)	1
1	A187 1214	Front Cover Ass'y (RIC A187)	1
1	A187 1217	Cover - Front - BF (INF A187)	1
1	A187 1218	Cover - Front - BF (SVN A187)	1
1	A189 1214	Front Cover Ass'y (RIC A189)	1
1	A189 1217	Cover - Front - BF (INF A189)	1
1	A189 1218	Cover - Front - BF (SVN A189)	1
2	A166 1378	Decal - Emblem (RIC)	1
2	A153 6423	Support Cover (INF)	1
2	A166 6730	Emblem (SVN)	1
3	A166 1349	Cap - DFUnit	1
4	A166 6118	Transfer Belt Unit Release Knob	1
5	A166 1332	Upper Inner Cover	1
6	A166 3218	Development Unit Handle	1
7	A166 1266	Front Left Cover	1
8	A153 4461	Copy Tray Ass'y	1
9	AF04 3077	Copy Tray Guide	1
10	A166 1346	Left Cover Cap	2
11	A166 1361	Power Cord Cap	1
12	A166 1379	IC Card Cap	1
13	A166 1281	Left Cover	1
14	A166 1326	Inner Cover - Safety Switch	1
15	A166 1341	Transport Inner Cover	1
16	A166 6531	Collection Bottle Band	1
17	A166 6523	Disposed Toner Tank	1
18	AA00 0059	Caution Decal - English	1
19	5442 3664	Toner Collection Bottle Cap - Small	1
20	A007 3785	Toner Collection Bottle Cap	1
21	AW23 0009	Toner End Sensor	1
22	A166 5658	Toner Collection Relay Harness	1
23	A166 1372	Decal - Adding Toner	1
24	A166 1363	Hinge Pin	2
25	A166 1370	Decal - Operation	1
26	A166 1335	Cover - Toner Cartridge Black	1
27	AA00 0195	Decal - High Temperature	1

Index No.	Part No.	Description	Q'ty Per Assembly
28	A166 1369	Decal - Toner Cartoridge	1
29	A166 3219	Grip Support Plate	1
30	AA00 1373	Decal - Main Switch	1
31	C225 2867	Decal - Cover - Panel (NSA)	1
31	A166 6751	Model Name Plate - GES	1
31	A166 6752	Model Name Plate - NSA	1
31	A166 6753	Model Name Plate - REX	1
31	A166 6754	Model Name Plate - SVN	1
31	A153 6406	Model Name Plate (NRG)	1
32	AF04 3076	Copy Tray Slide	1
33	AF04 3069	Copy Tray	1
34	A166 1386	IC Card Cap	3
35	A166 1376	Color Decal (RIC)	1
36	A166 1368	Color Decal (SVN)	1
101	0802 5094	Tapping Truss Head Screw - M4x8	
102	0452 4008B	Tapping Bind Screw - M4x8	
103	0452 3010B	Tapping Bind Screw - M3x10	

3. PLATEN COVER (A187/189)

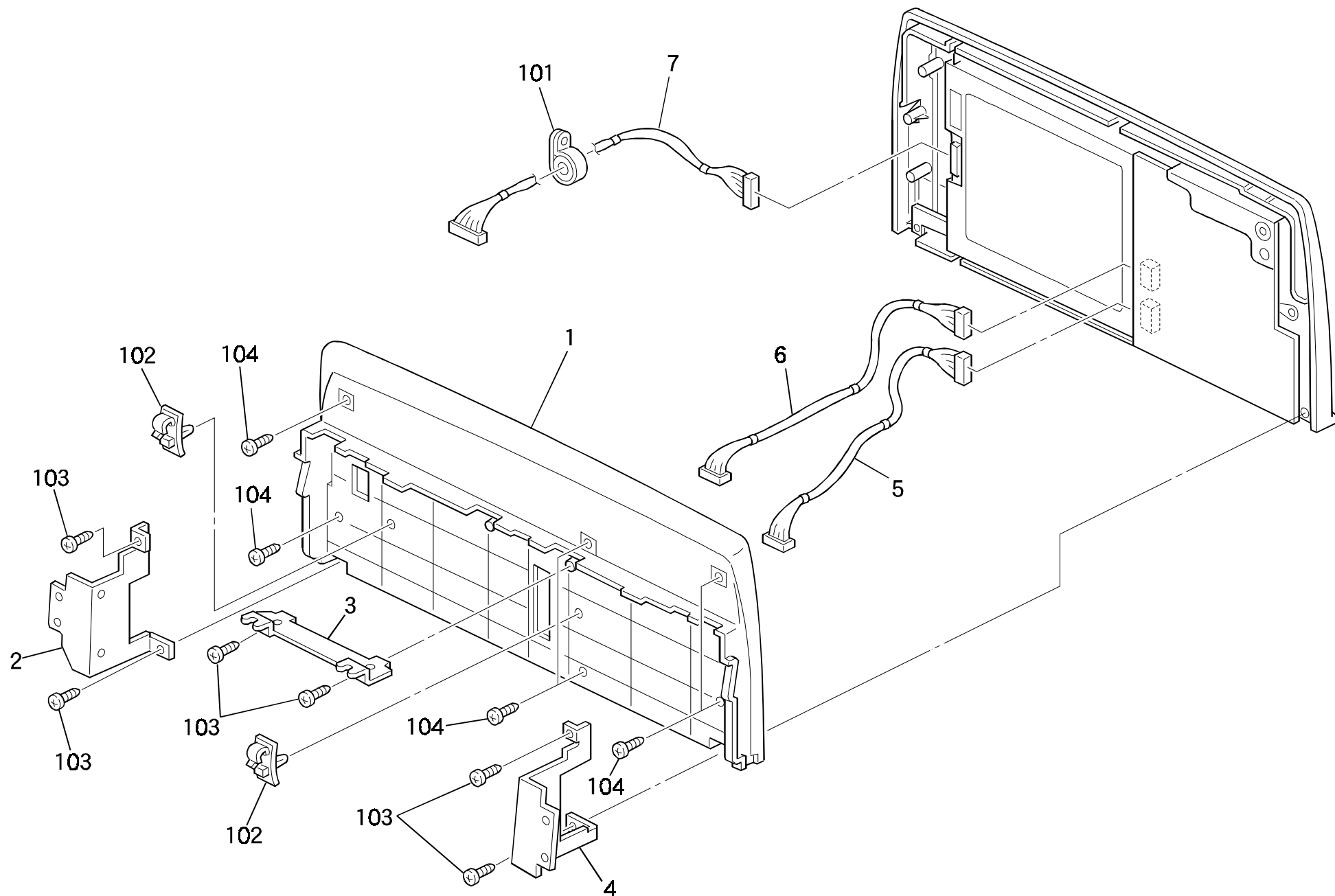


3. PLATEN COVER (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	5448 2804	Platen Cover Sheet	1
2	AA16 2053	Platen Cover Pad	1
3	A134 1394	Front Platen Cover	1
4	A053 1957	Flex Hinge - Platen Cover	2
5	A134 1395	Rear Platen Cover	1
6	A134 1396	Original Holder	1
7	A100 1324	Positioning Sensor Shutter	1
8	A100 1310	Platen Cover Hinge Ass'y	1
9	A100 1325	Hinge Spacer	1
10	A153 1380	Platen Cover Bracket	1
11	AA14 8447	Guide Pin - Platen Cover	2
12	A134 1392	Platen Cover Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0414 0142W	Tapping Screw - M4x14	

4. OPERATION PANEL (A189)

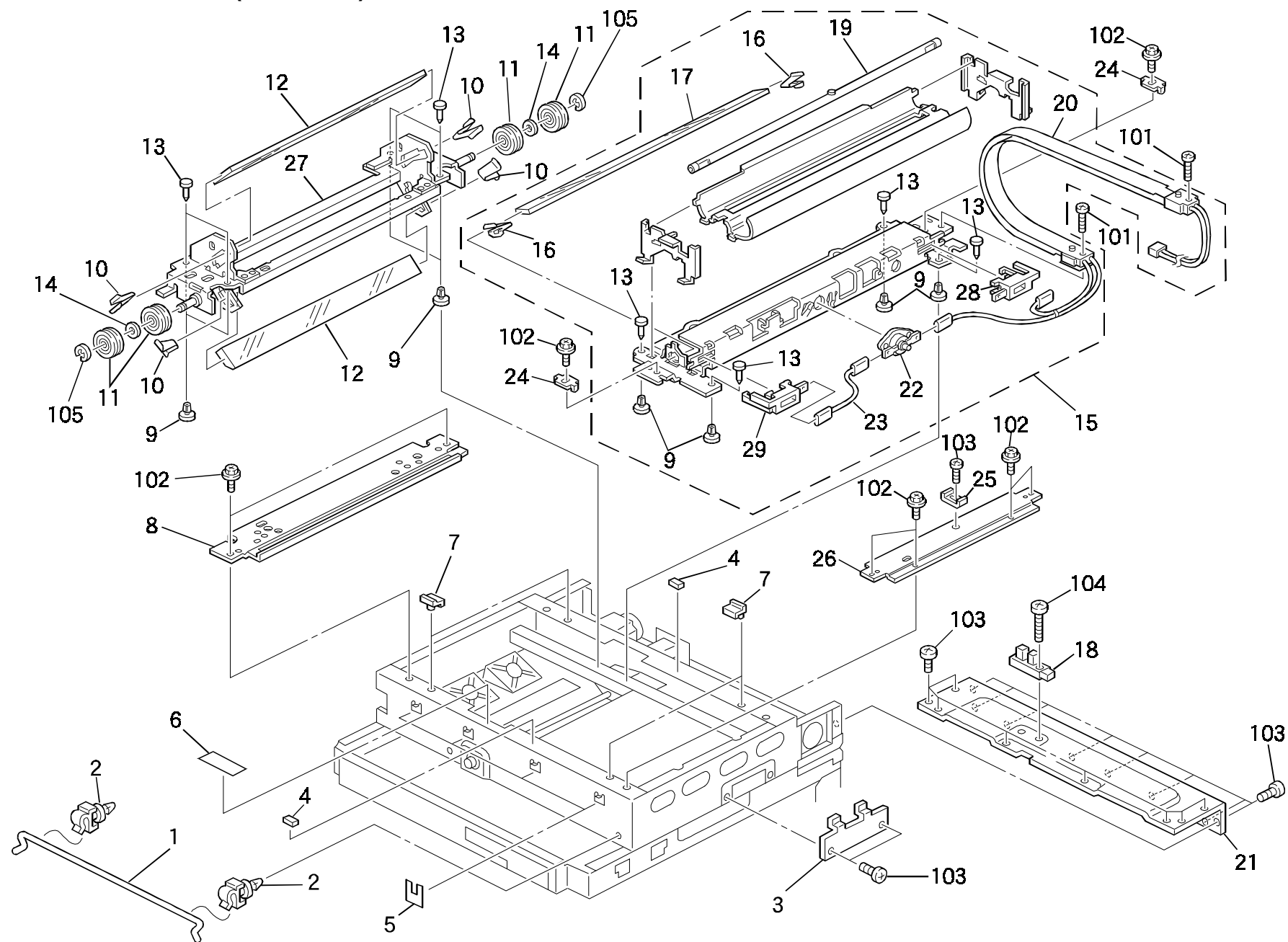


4. OPERATION PANEL (A189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 1554	Lower Cover - Operation Panel	1
2	A166 5894	Operation Panel Bracket - Left	1
3	A166 5892	Operation Panel Bracket - Center	1
4	A166 5893	Operation Panel Bracket - Right	1
5	A166 5295	Harness - Edit - SCU1 (115V)	1
5	A166 5336	Harness - Edit - SCU1 (230V)	1
6	A166 5296	Harness - Edit - SCU2 (115V)	1
6	A166 5337	Harness - Edit - SCU2 (230V)	1
7	A166 5297	Harness - Edit - LCD (115V)	1
7	A166 5338	Harness - Edit - LCD (230V)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1607 0911	Clump - Tfck-20-10-10	
102	1106 0312	Cks - Clamp	
103	0452 4008B	Tapping Bind Screw - M4x8	
104	0802 5249	Tapping Screw M3x12	

5. OPTICS SECTION 1 (A187/189)

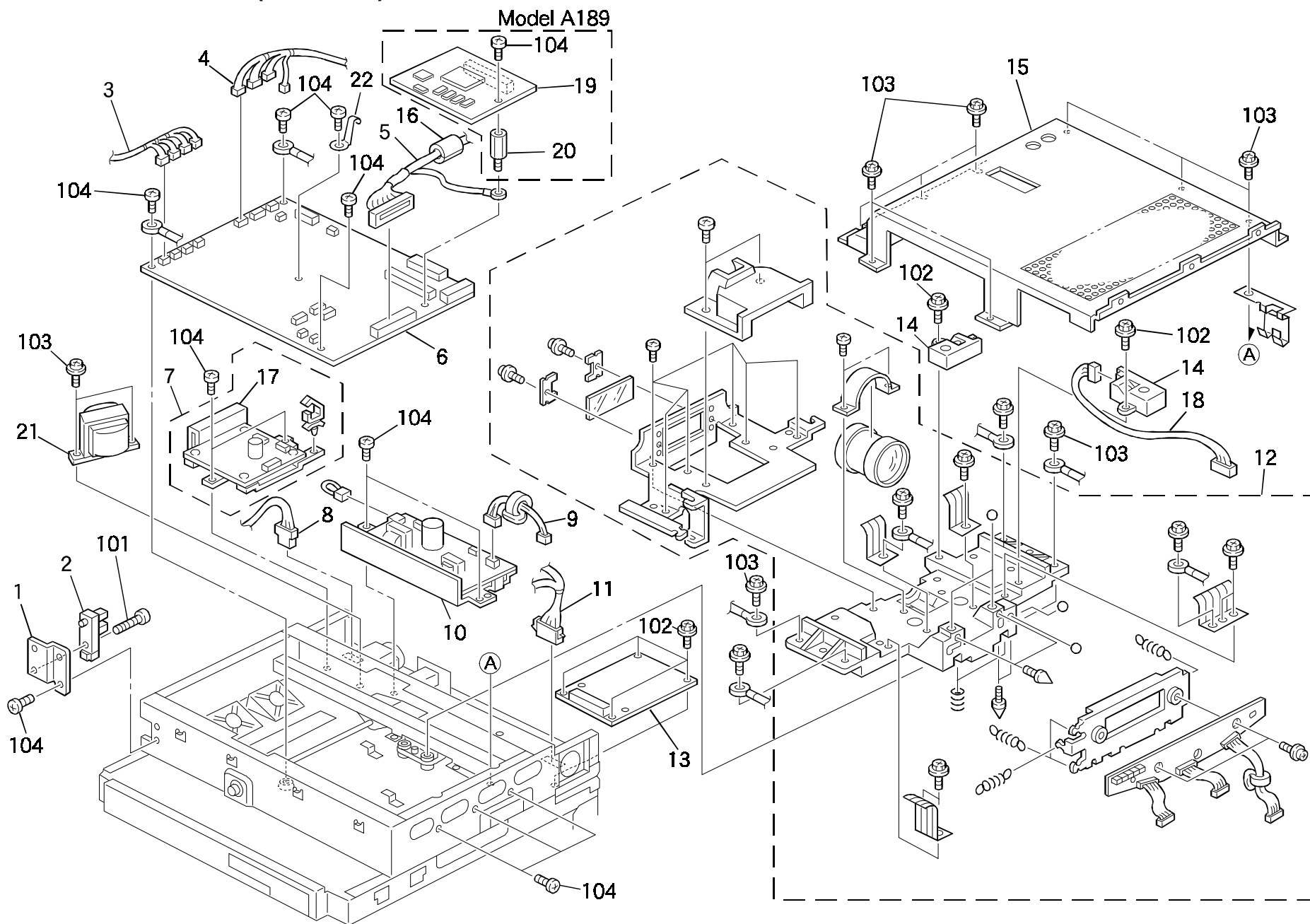


5. OPTICS SECTION 1 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 5974	Scanner Release Rod	1
2	A166 1910	Rod Holder	2
3	A166 1677	Right Support Cover	1
4	A028 7277	Entrance Gate Cushion	2
5	AA15 0657	Seal	4
6	AA15 0636	Seal - 90x29.5x0.2	1
7	A134 1926	Exposure Glass Stopper	4
8	A166 1812	Left Scale Bracket	1
9	A069 1883	Shoe - Scanner	8
10	A134 1791	Spring Plate - 2nd Mirror	4
11	AB03 2717	Pulley - 26Z	4
12	A166 1742	2nd Mirror Ass'y	2
13	A096 1873	Scanner Shoe Pin	8
14	AA13 2174	Spacer - M8	2
15	A166 1728	1st Scanner Unit	1
16	A134 1776	Spring Plate - 1st Mirror	2
17	A166 1737	1st Mirror	1
18	AW02 0022	Photointerruptor	1
19	AX52 0032	Exposure Lamp - 75V 160W	1
20	A166 5135	Exposure Lamp Harness	1
21	A166 1685	Platen Cover Bracket	1
22	AW11 0017	Thermostat - 140°C - AC120V 15A	1
23	A134 5370	Relay Harness - Scanner Lamp	1
24	A134 1726	Wire Stopper Plate	2
25	A134 1933	Right Stopper - Exposure Glass	1
26	A134 1932	Stay - Scanner Upper Right	1
27	A134 1782	2nd Scanner Ass'y	1
28	A134 1773	Rear Terminal	1
29	A134 1771	Front Terminal	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0313 0140B	Philips Pan Head Screw - M3x14	
102	0443 0060B	Hexagon Tapping Screw - M3x6	
103	0434 0060B	Philips Tapping Screw - M4x6	
104	0314 0120B	Philips Pan Head Screw - M4x12	
105	0720 0060E	Retaining Ring - M6	

6. OPTICS SECTION 2 (A187/189)

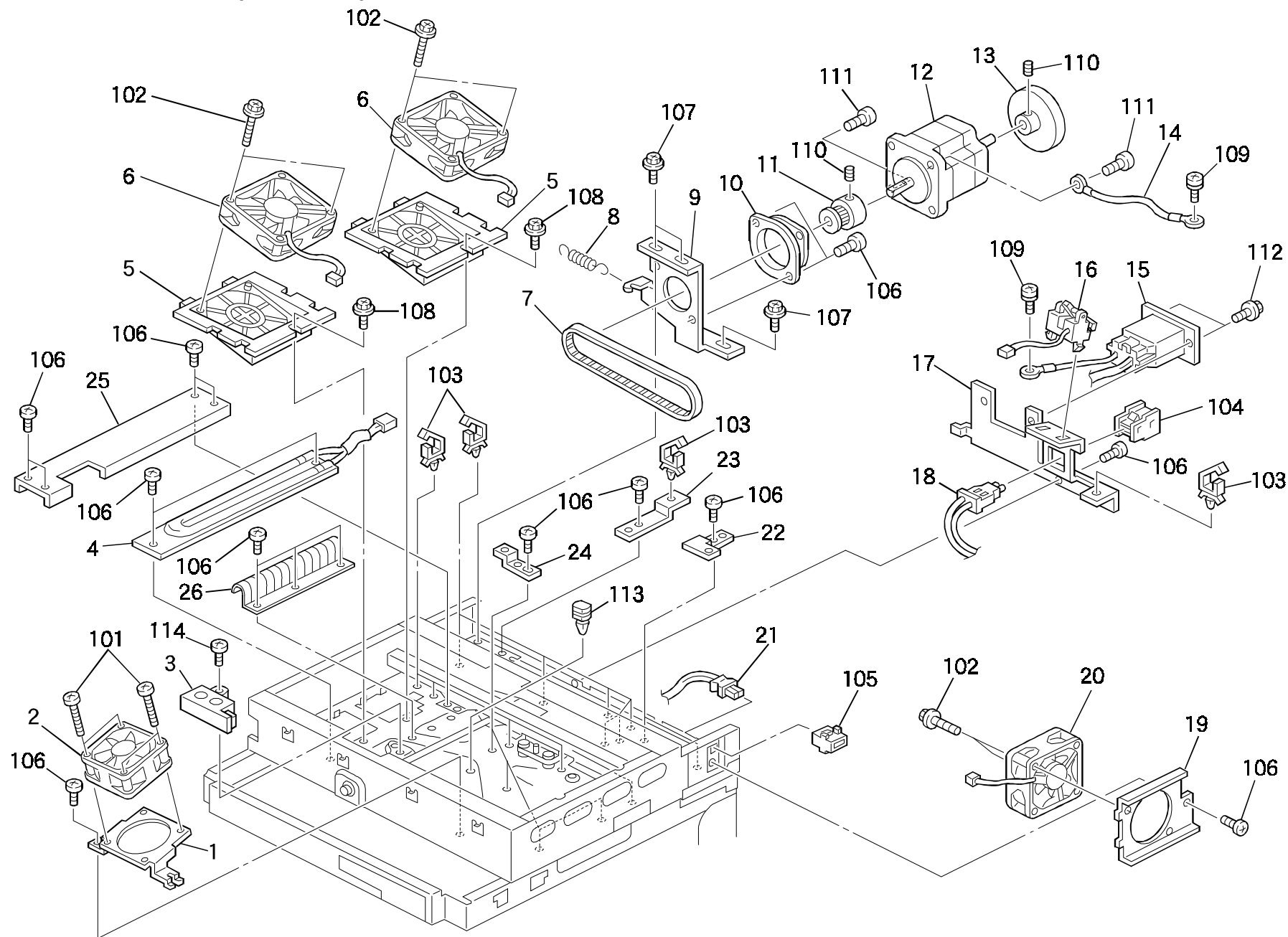


6. OPTICS SECTION 2 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A134 1962	Bracket Home Sensor	1
2	AW02 0072	Photointerruptor	1
3	A166 5100	Front Scanner Harness (115V)	1
3	A187 5100	Front Scanner Harness (230V)	1
4	A166 5110	Rear Scanner Harness	1
5	A166 5131	Scanner Scsi Harness	1
6	A187 5090	Scanner IPU Board (A187)	1
6	A189 5090	Scanner IPU Board (A189)	1
7	A166 1777	Scanner Motor Control Board	1
8	A166 5126	Scanner AC Harness	1
9	A134 5372	Harness - Scanner Lamp	1
10	AZ23 0051	Lamp Regulator (115V)	1
10	AZ23 0063	Lamp Regulator (230V)	1
11	A166 5120	Scanner DC Harness (115V)	1
11	A187 5120	Scanner DC Harness (230V)	1
12	A166 1752	CCD Drive Board (115V)	1
12	A187 1752	CCD Drive Board (230V)(A187)	1
12	A188 1752	CCD Drive Board (230V)(A189)	1
13	A166 5080	IDU Board	1
14	AW01 0072	Original Sensor	2
15	A166 1775	Inner Cover IPU	1
16	1607 0672	Ferrite Core	1
17	A166 1778	Motor Control Board Bracket	1
18	A166 5115	Original Sensor Harness	1
19	A166 5240	IPU Board - Edit (A189)	1
20	AA14 5558	Spacer (A189)	1
21	AZ02 0009	Coil 10mh 2A (230V)	1
22	A166 1808	Grounding Plate - IPU (230V)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0314 0120B	Philips Pan Head Screw - M4x12	
102	0443 0060B	Hexagon Tapping Screw - M3x6	
103	0951 4010B	Philips Screw With Washer - M4x10	
104	0434 0060B	Philips Tapping Screw - M4x6	

7. OPTICS SECTION 3 (A187/189)

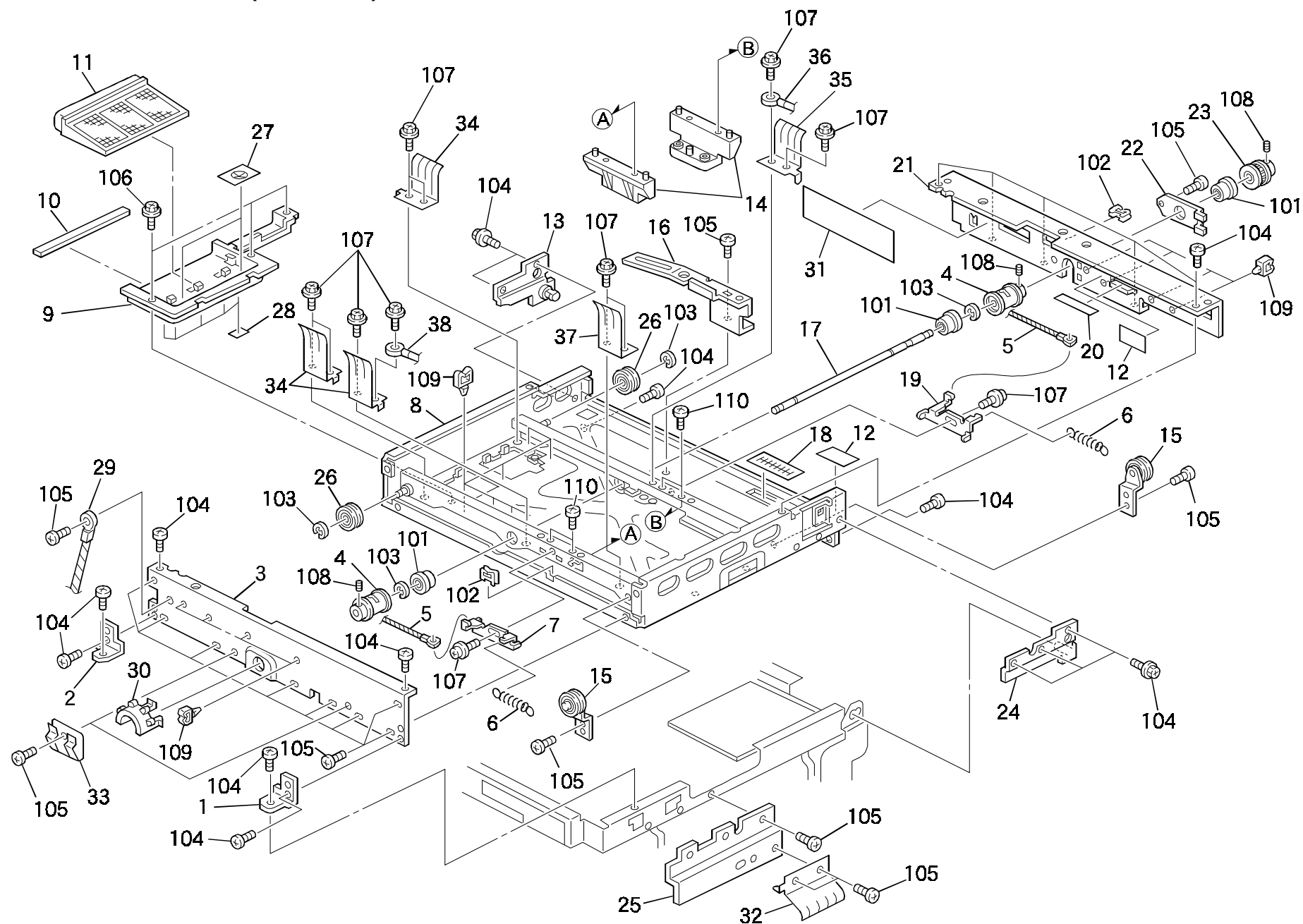


7. OPTICS SECTION 3 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 1791	Board Bracket	1
2	AX64 0066	Fan Motor - DC24V 0.04A	1
3	AW01 0040	Original Sensor	1
4	AX40 0063	Anticondensation Heater - 120V9W	1
5	A166 1802	Fan Caseing	2
6	AX64 0067	Fan Motor - DC24V 0.13A	2
7	AA04 3460	Timing Belt - S2M 290	1
8	AA06 0221	Gripper Solenoid Spring	1
9	A166 1715	Motor Bracket	1
10	A134 1724	Cushion - Stepper Motor	1
11	AB03 0459	Timing Pulley -22z	1
12	AX06 0124	Motor - DC24V 53W	1
13	A134 1728	Fly Wheel	1
14	A069 5352	Ground Wire - Scanner	1
15	A166 5120	Scanner DC Harness	1
16	AW02 0084	Photointerruptor	1
17	A166 1796	Connector Bracket	1
18	AW03 0039	Optical Fiber - 75 700mm	1
19	A166 1786	Fan Motor Bracket	1
20	AX64 0065	Fan Motor - DC24V 0.8A	1
21	AW03 0032	Optical Fiber	1
22	A166 1672	BRU Board Bracket	1
23	A166 1678	Scanner Clamp Bracket	1
24	A166 1671	IPU Board Bracket	1
25	A166 1699	Scanner Rail Stay	1
26	A166 1667	Spring Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0314 0250B	Philips Pan Head Screw - M4x25	
102	0450 4035B	Philips Tapping Screw - M4x35	
103	1105 0291	Wire Saddle	
104	1102 4052	Optional Connector	
105	1102 5981	Fiber Connector	
106	0434 0060B	Philips Tapping Screw - M4x6	
107	0951 4006B	Philips Screw With Washer - M4x6	
108	0451 4008B	Philips Tapping Screw - M4x8	
109	0801 0149	Philips Pan Head Screw - M4x6	
110	0575 0050E	Hexagon Headless Set Screw - M5x5	
111	0314 0100B	Philips Pan Head Screw - M4x10	
112	0443 0060B	Hexagon Tapping Screw - M3x6	
113	1105 0246	Spacer	
114	0353 0080B	Screw - M3X8	

8. OPTICS SECTION 4 (A187/189)

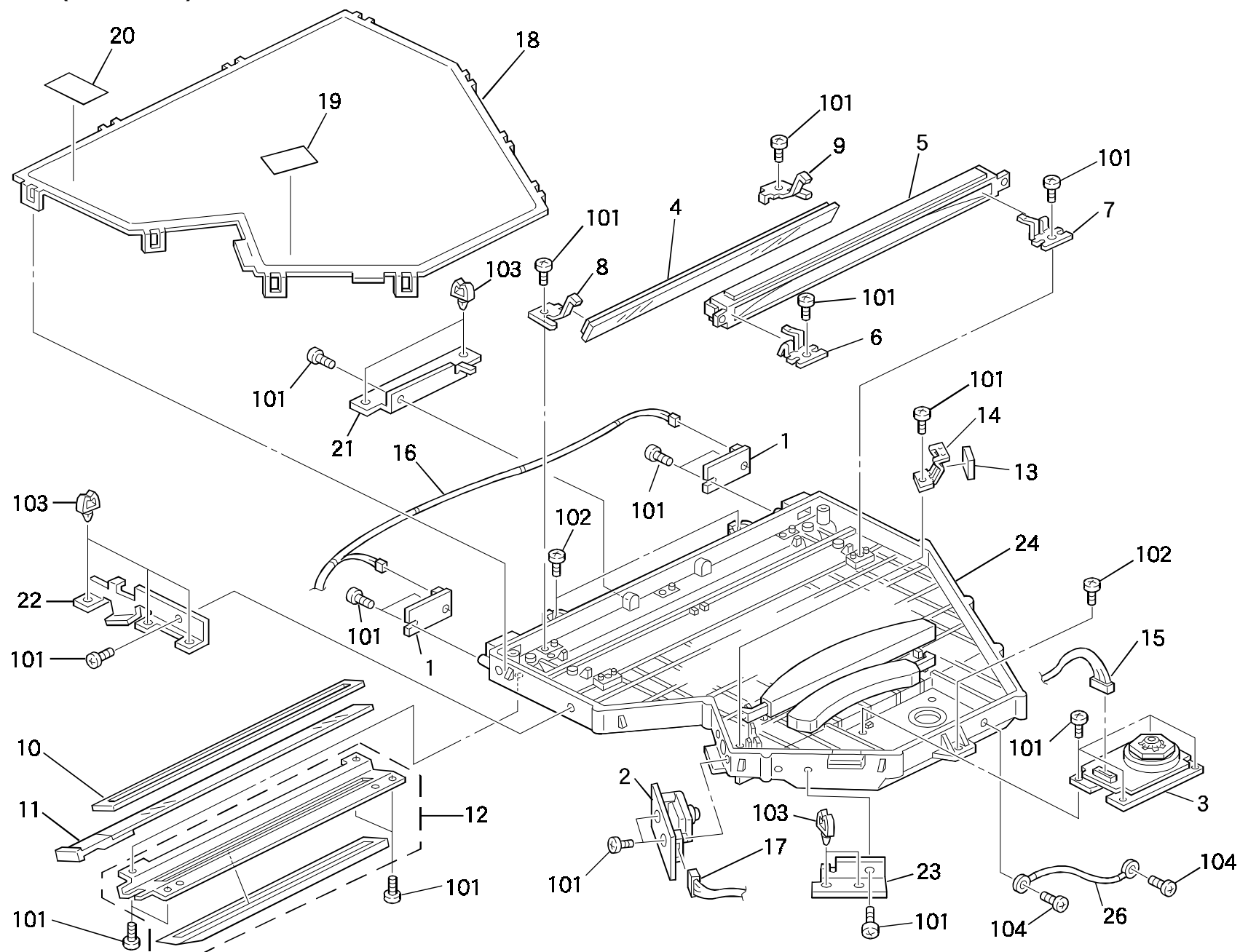


8. OPTICS SECTION 4 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 1697	Right Scanner Guide	1
2	A166 1696	Left Scanner Guide	1
3	A166 1694	Front Frame	1
4	AB03 2718	Drive Pulley	2
5	AA05 0085	Scanner Wire	2
6	AA06 0221	Gripper Solenoid Spring	2
7	A134 1677	Front Tension Bracket	1
8	A166 1657	Scanner Frame	1
9	A166 1664	Left Grip	1
10	AA15 3022	Seal	1
11	A166 1674	Dust Filter 80	1
12	AA15 0661	Seal	2
13	A166 1902	Scanner Left Hinge	1
14	A166 1683	Lens Holder	2
15	A134 1698	Idle Pulley	2
16	A166 1773	Flat Cable Guide	1
17	AA14 0547	Drive Shaft	1
18	AA15 0656	SCSI Entrance Seal	1
19	A134 1678	Rear Tension Bracket	1
20	A134 1680	Guide - Flexible Harness	1
21	A166 1689	Rear Frame	1
22	A134 1722	Bracket - Drive Shaft	1
23	AB00 0021	Timing Pulley - 63Z	1
24	A166 1905	Scanner Right Hinge	1
25	A166 5989	LD Shielding Plate - Right	1
26	AB03 2717	Pulley - 26Z	2
27	AA15 0662	Seal	2
28	AA15 0663	Seal	5
29	AA05 1026	Scanner Stopper Wire	1
30	A166 1698	Pulley Cover	1
31	AA15 0660	Seal	1
32	A166 5990	Grounding Plate	1
33	A166 5991	Grounding Plate	2
34	A166 1804	Spring Plate - Left	3
35	A166 1805	Spring Plate - Middle Rear	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	A187 5106	Grounding Wire	1
37	A166 1806	Spring Plate - Right Front	1
38	A166 5722	Grounding Harness	1
101	0805 3368	Ball Bearing - 8 X 16 X 5mm	
102	1105 0328	Harness Clamp - ES-0505	
103	0720 0060B	Retaining Ring - M6	
104	0414 0080B	Binding Self-tapping Screw - M4x8	
105	0434 0060B	Philips Tapping Screw - M4x6	
106	0451 4008B	Philips Tapping Screw - M4x8	
107	0951 4006B	Philips Screw With Washer - M4x6	
108	0575 0050E	Hexagon Headless Set Screw - M5x5	
109	1105 0199	Clamp	
110	0434 0102B	Tapping Screw - M4x8	

9. LD UNIT (A187/189)

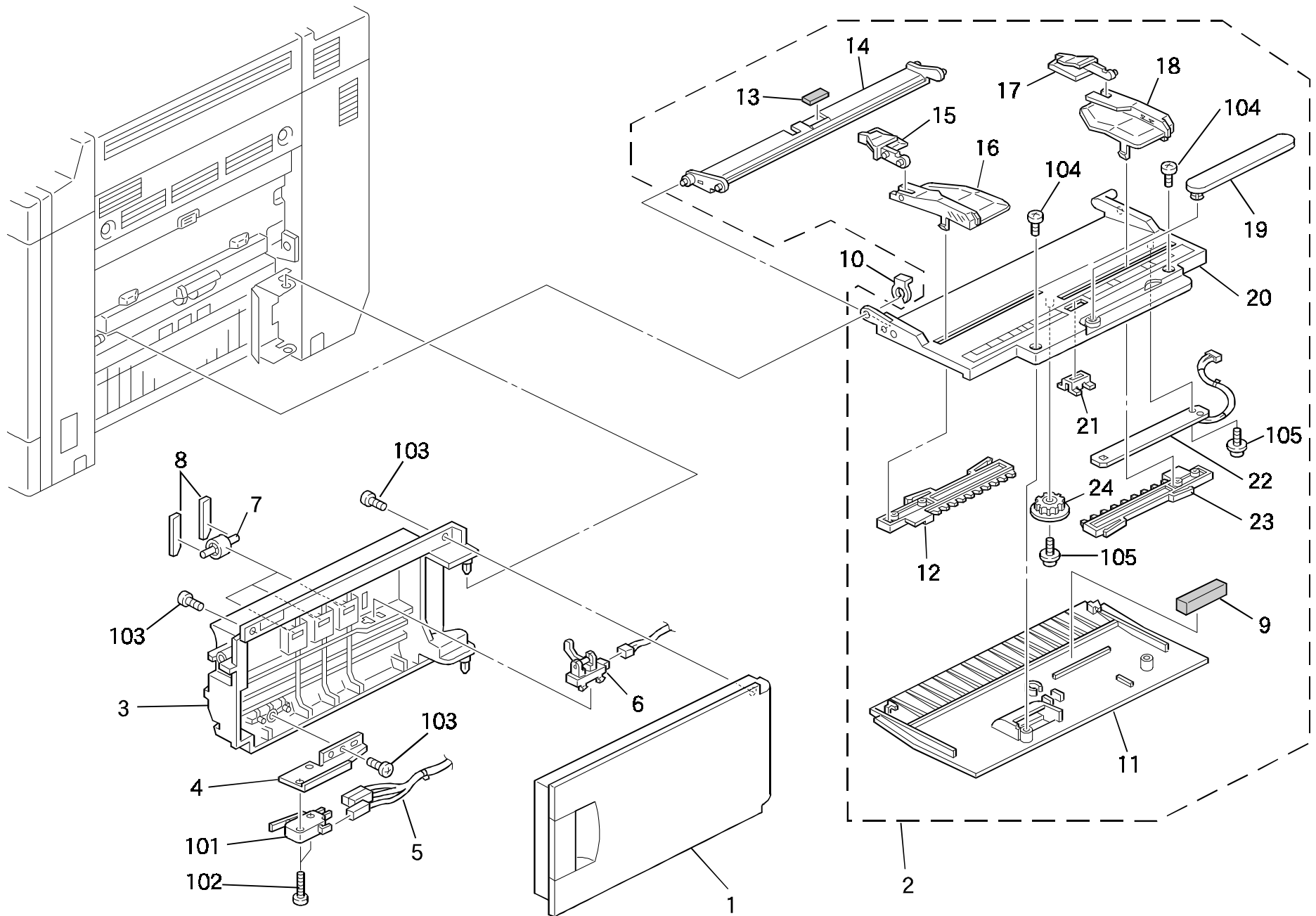


9. LD UNIT (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A166 2051	LD Unit (115V)	1
*	A187 2053	LD Unit (230V)	1
1	A134 5190	LSD Board	2
2	A166 2092	LD Unit (115V)	1
2	A187 2094	LD Unit (230V)	1
3	A166 5390	Polygon Motor	1
4	A166 2081	Mirror Ass'y	1
5	A166 2078	Lens - Blt	1
6	A166 2076	Front Lens Holder	1
7	A166 2077	Rear Lens Holder	1
8	A166 2083	Front Mirror Holder	1
9	A166 2084	Rear Mirror Holder	1
10	AA15 2360	Seal	1
11	A166 2062	Shielding Glass	1
12	A166 2066	Shielding Glass Guide	1
13	AC02 0074	Cylindrical Lens	1
14	A100 2056	Plate - Cylindrical Lens	1
15	A166 5655	Polygon Harness	1
16	A166 5653	Synchronizing Harness (115V)	1
16	A187 5653	Synchronizing Harness (230V)	1
17	A166 5654	LD Control Harness (115V)	1
17	A187 5652	LD Control Harness (230V)	1
18	A166 2106	LD Unit Cover	1
19	AA00 0600	Decal - LD	1
20	AA00 0602	Decal LD Cover	1
21	A166 2112	Left Harness Bracket	1
22	A166 2114	Front Harness Bracket	1
23	A166 2116	Right Harness Bracket	1
24	A166 2055	Optical Housing	1
25	A187 5701	Grounding Wire - 55	1
26	A187 5701	Grounding Wire (230V)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0353 0060W	Philips Pan Head Screw - M3x6	
102	0414 0080B	Binding Self-tapping Screw - M4x8	
103	1105 0234	Clamp	
104	0434 0060B	Pan Head Self-tapping Screw - M4x6	

10. BY-PASS FEED SECTION (A187/189)

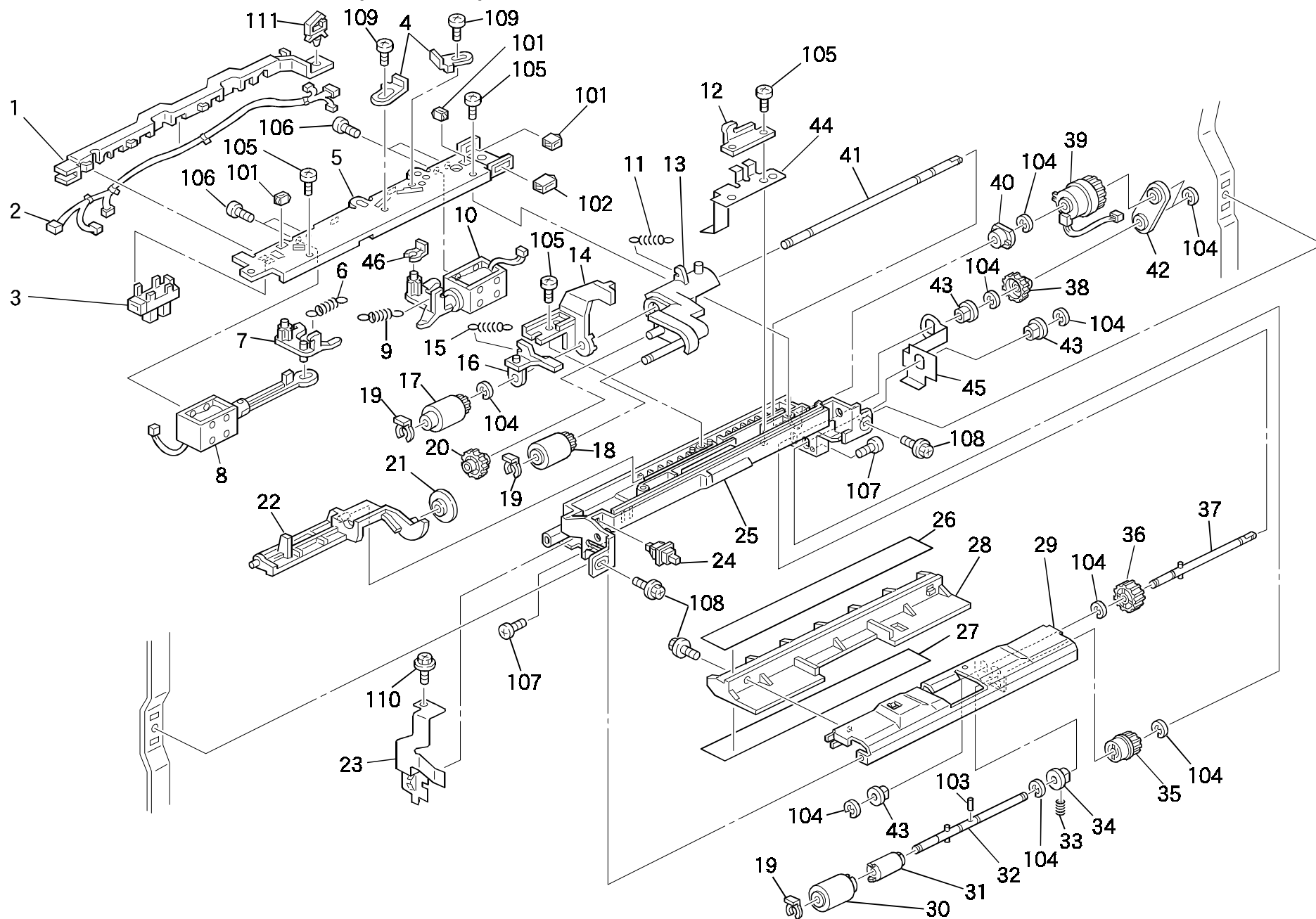


10. BY-PASS FEED SECTION (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 2696	Vertical Transport Cover	1
2	A134 2692	By-pass Feed Table Ass'y	1
3	A166 2682	Vertical Transport Guide	1
4	A134 2587	Switch Bracket	1
5	A166 5652	Vertical Transfer Harness	1
6	AW02 0069	Photointerruptor	1
7	AF02 0383	Vertical Driven Roller	3
8	A166 2690	Spring Plate	9
9	AA15 1998	Cushion - 10x30x5	1
10	5215 2621	Snap Ring - M6	1
11	A134 2746	By-pass Feed Cover	1
12	A134 2707	Front Fence Rack	1
13	5447 2927	Friction Pad - B	1
14	A134 2741	By-pass Feed Entrance Guide	1
15	A134 2721	Front Paper Guide	1
16	A134 2711	Front Side Fence	1
17	A134 2726	Rear Paper Guide	1
18	A134 2716	Rear Side Fence	1
19	A134 2701	By-pass Feed Guide	1
20	A134 2697	By-pass Feed Table	1
21	A134 2705	Magnet Catch Plate	1
22	A134 5282	Paper Size Sensor Board	1
23	A134 2706	Rear Fence Rack	1
24	G011 3305	Gear - 16T	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1204 2356	Micro Switch - AM51612A531	
102	0313 0140B	Philips Pan Head Screw - M3x14	
103	0452 4010B	Tapping Bind Screw - M4x10	
104	0414 0082F	Philips Truss Head Screw - M4x8	
105	0965 3006B	Tapping Screw With Flat Washer M3x6	

11. PAPER FEED SECTION 1 (A187/189)

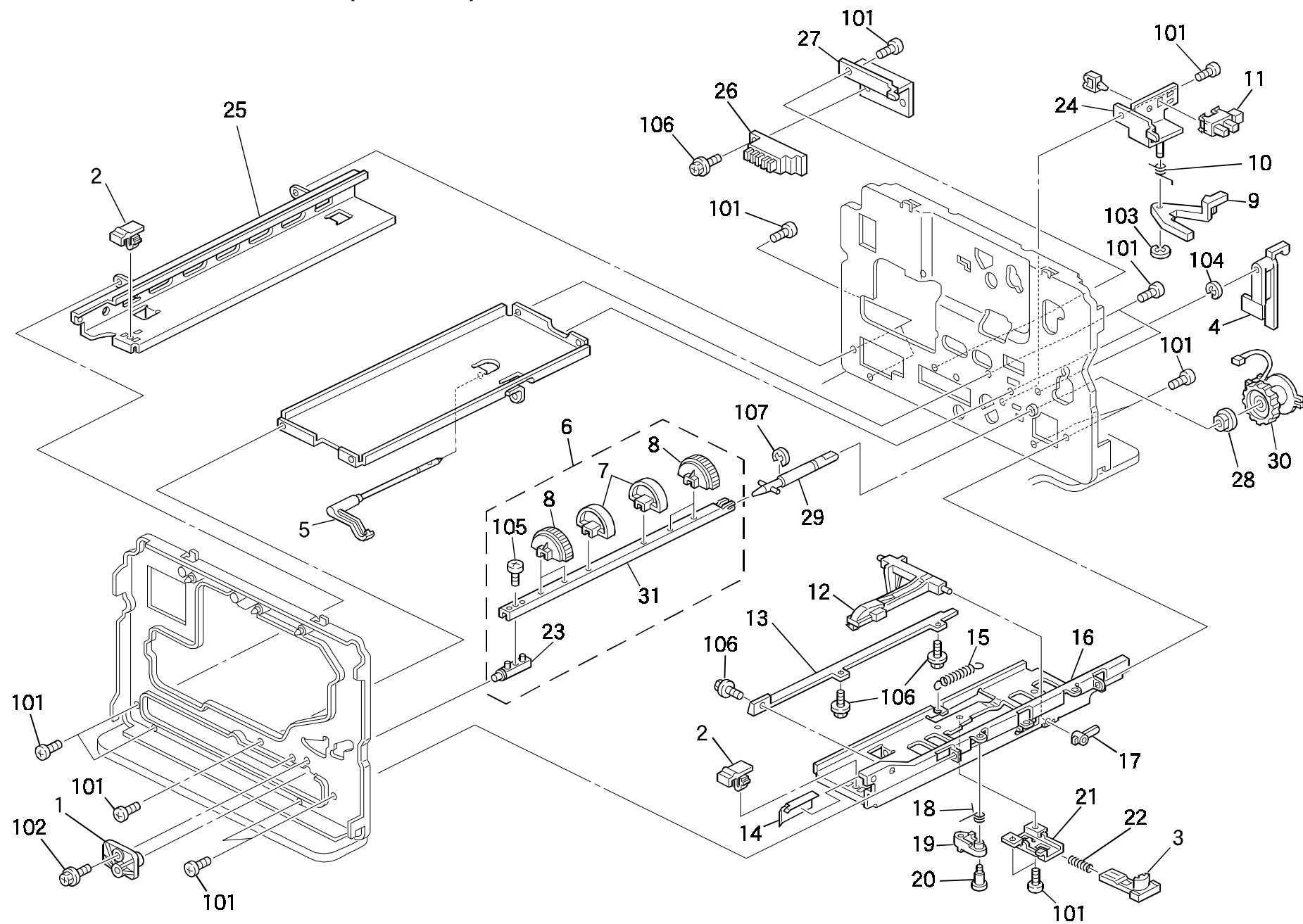


11. PAPER FEEED SECTION 1 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 2843	Harness Guide	1
2	A166 5651	By-pass Feed Harness	1
3	AW02 0075	Photointerrupter	1
4	A166 2841	Release Bracket	2
5	A166 2803	By-pass Feed Cover	1
6	AA06 0625	Spring	1
7	A166 2839	Pressure Lever	1
8	A166 2831	DC Solenoid - Pressure	1
9	AA06 0624	Spring	1
10	A166 2819	DC Solenoid - Pick-up	1
11	AA06 0622	Spring	1
12	A166 2778	Spring Bracket	1
13	A166 2768	Pick-up Arm	1
14	A166 2766	Paper Feed Support Plate	1
15	AA06 0623	Spring	1
16	A166 2776	Pressure Arm	1
17	AF03 1025	Feed Roller	1
18	AF03 0024	Pick-up Roller	1
19	5447 2681	Snap Ring	3
20	AB01 1343	Idle Gear - 23z	1
21	A134 2661	Feeler Roller	1
22	A166 2847	Paper End Feeler	1
23	A166 2845	Spring Plate	1
24	AW50 0012	Push Switch	1
25	A134 2659	By-pass Feed Housing	1
26	A166 2855	Upper Guide Plate	1
27	A166 2856	Lower Guide Plate	1
28	A166 2853	Middle Guide Plate	1
29	A134 2663	Separation Guide	1
30	AF03 2025	Separation Roller	1
31	A134 2674	Torque Limitter - 400fg	1
32	A134 2668	Separation Driven Shaft	1
33	AA06 3499	Pressure Spring	1
34	AA08 0037	Bushing - 6 mm	1
35	AB01 1344	Gear - 16Z	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	AB01 1345	Gear - 20Z	1
37	A166 2783	Separation Shaft	1
38	AB01 1346	Gear - 27Z	1
39	AX20 0101	Magnetic Clutch - 2.5Kgf 35z	1
40	AA08 3010	Clutch Roller - 6x14x10	1
41	AA14 0602	Feed Shaft	1
42	A166 2849	Drive Support Plate	1
43	5053 0447	Bushing - 6mm	3
44	A166 2779	Groundimng Plate	1
45	A166 2785	Grounding Plate	1
46	AA10 0010	Snap Ring - Pick Up Sol	1
101	1102 5144	Connector - 2p	
102	1102 5195	Connector - 5p	
103	0622 0100E	Spring Pin - 2x10mm	
104	0720 0040B	Retaining Ring - M4	
105	0802 5237	Binding Self-tapping Screw - M4x10	
106	0313 0040B	Philips Pan Head Screw - M3x4	
107	0414 0080B	Binding Self-tapping Screw - M4x8	
108	0451 4008B	Philips Tapping Screw - M4x8	
109	0414 0060B	Tapping Screw - M4x6	
110	0434 0060B	Philips Tapping Screw - M4x6	
111	1105 0310	Wire Clamp	

12. PAPER FEED SECTION 2 (A187/189)

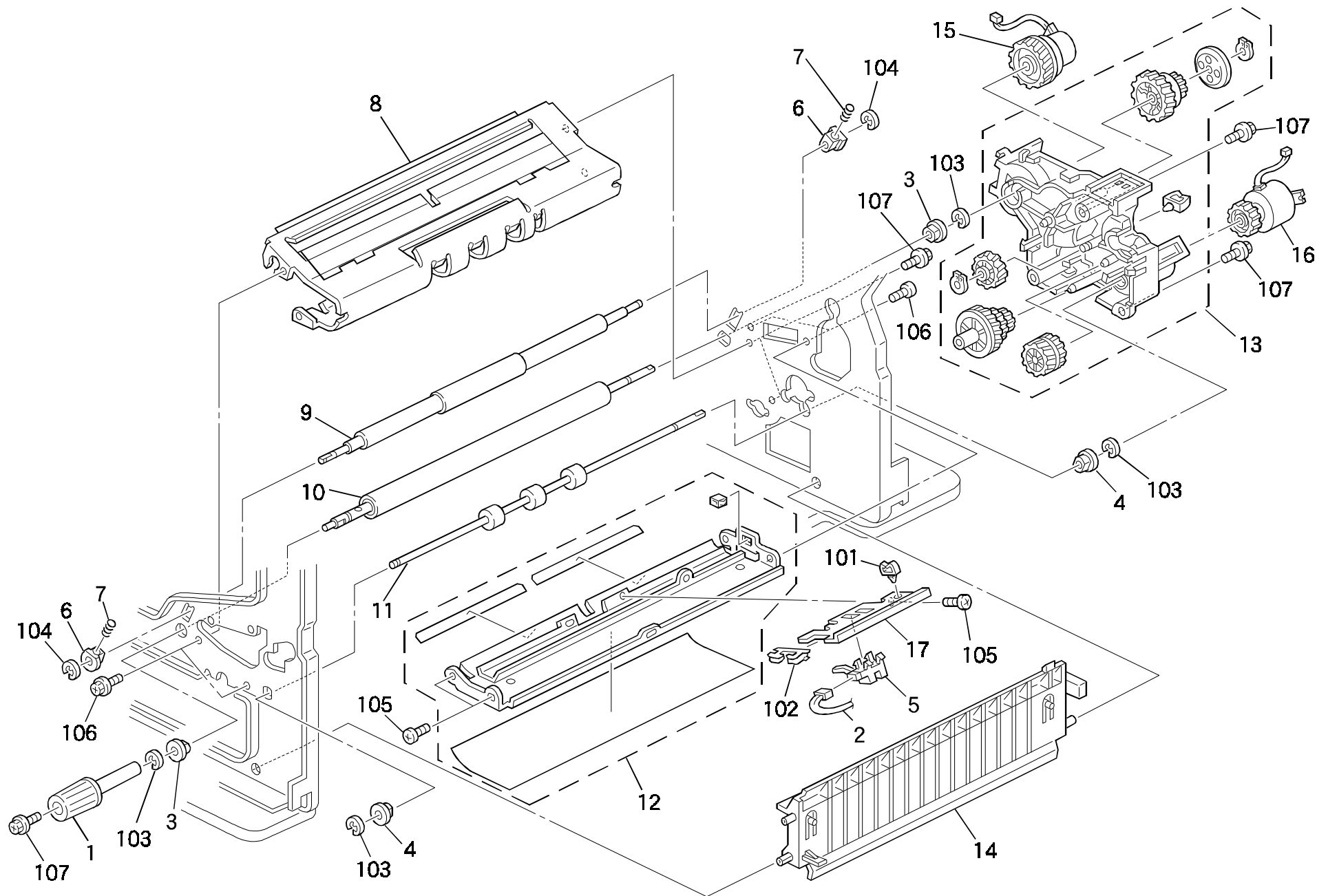


12. PAPER FEEED SECTION 2 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA08 0189	Feed Roller Bushing - Front	1
2	A157 2782	Paper Tray Holder	2
3	A157 2794	Lock Arm Stopper	1
4	A157 2804	Shield Plate - Paper End Sensor	1
5	A157 2802	Paper End Sensor F	1
6	A157 2775	Feed Roller Shaft	1
7	A157 2770	Feed Roller	2
8	AF03 1032	Paper Feed Roller	4
9	A048 2863	Release Arm - Paper End	1
10	AA06 6104	Spring	1
11	AW02 0075	Photointerrupter	1
12	A157 2788	Lift Arm	1
13	A157 2781	Tray Positioning Rail	1
14	AA15 0383	Right Rail Sheet	1
15	AA06 0640	Spring	1
16	A157 2785	Right Rail	1
17	AA08 0190	Lift Arm Bushing	1
18	AA06 6249	Spring	1
19	A157 2786	Lift Arm Stopper	1
20	AA14 3445	Stud - M4	1
21	A157 2795	Stopper Bracket	1
22	AA06 3205	Spring	1
23	A157 2773	Feed Roller Holder	1
24	A157 2800	Paper End Sensor Bracket	1
25	A157 2783	Left Rail	1
26	AW50 0010	Push Switch	1
27	A134 2941	Bracket - Paper Sizesensor	1
28	AA08 2047	Bushing - 8x16x7	1
29	A166 2641	Paper Feed Shaft Ass'y	1
30	AX20 0124	Magnetic Clutch	1
31	A157 2772	Paper Stripper Shaft	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0434 0060B	Philips Tapping Screw - M4x6	
102	0414 0080B	Binding Self-tapping Screw - M4x8	
103	0720 0025E	Retaining Ring - M2.5	
104	0720 0060E	Retaining Ring - M6	
105	0413 0082B	Tapping Screw - M3x8	
106	0443 0060B	Hexagon Tapping Screw - M3x6	
107	0720 0030B	Retaining Ring - M3	

13. PAPER REGISTRATION (A187/189)

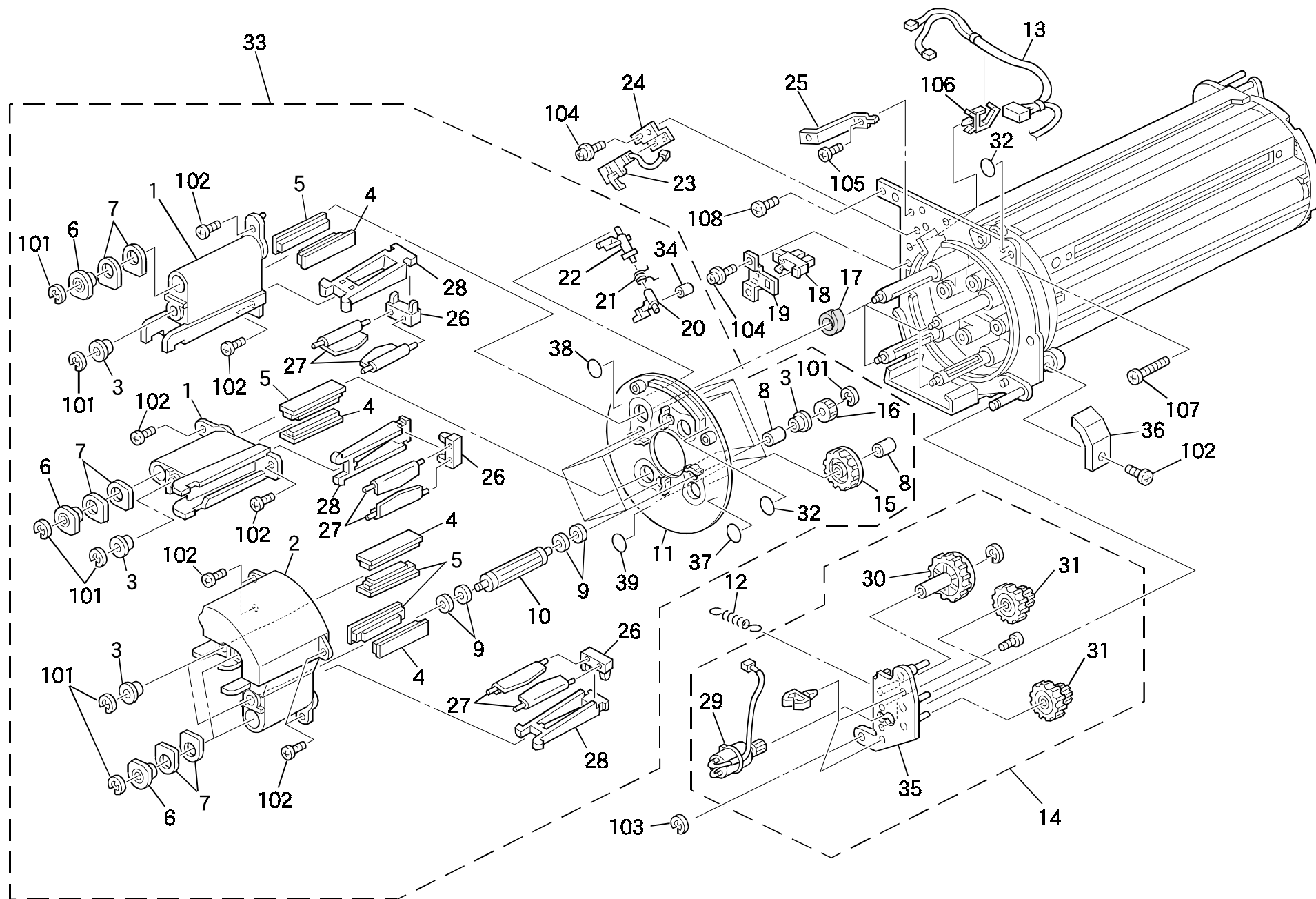


13. PAPER REGISTRATION (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AG05 0079	Registration Knob	1
2	A166 5649	Regist Sensor Harness	1
3	AA08 2021	Bushing - 8x12x10mm	2
4	AA08 2047	Bushing - 8x16x7	2
5	AW02 0068	Photointerruptor	1
6	AA08 0037	Bushing - 6 mm	2
7	AA06 3291	Spring	2
8	A166 2570	Lower Guide Plate	1
9	AF02 1055	Upper Registration Roller	1
10	AF02 0356	Lower Registration Roller	1
11	AF02 0357	Transfer Roller	1
12	A166 2596	Upper Guide Plate	1
13	A166 2629	Drive Unit	1
14	A166 2716	Paper Feed Guide Plate	1
15	AX20 0122	Magnetic Clutch - 0.049n.M35z	1
16	AX20 0123	Magnetic Clutch - 0.98n M25z	1
17	A166 2617	Registration Sensor Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0199	Clamp	
102	1105 0243	Wire Saddle	
103	0720 0060B	Retaining Ring - M6	
104	0720 0040B	Retaining Ring - M4	
105	0434 0060B	Philips Tapping Screw - M4x6	
106	0451 4008B	Philips Tapping Screw - M4x8	
107	0443 0060B	Hexagon Tapping Screw - M3x6	

14. TONNER HOPPER (A187/189)

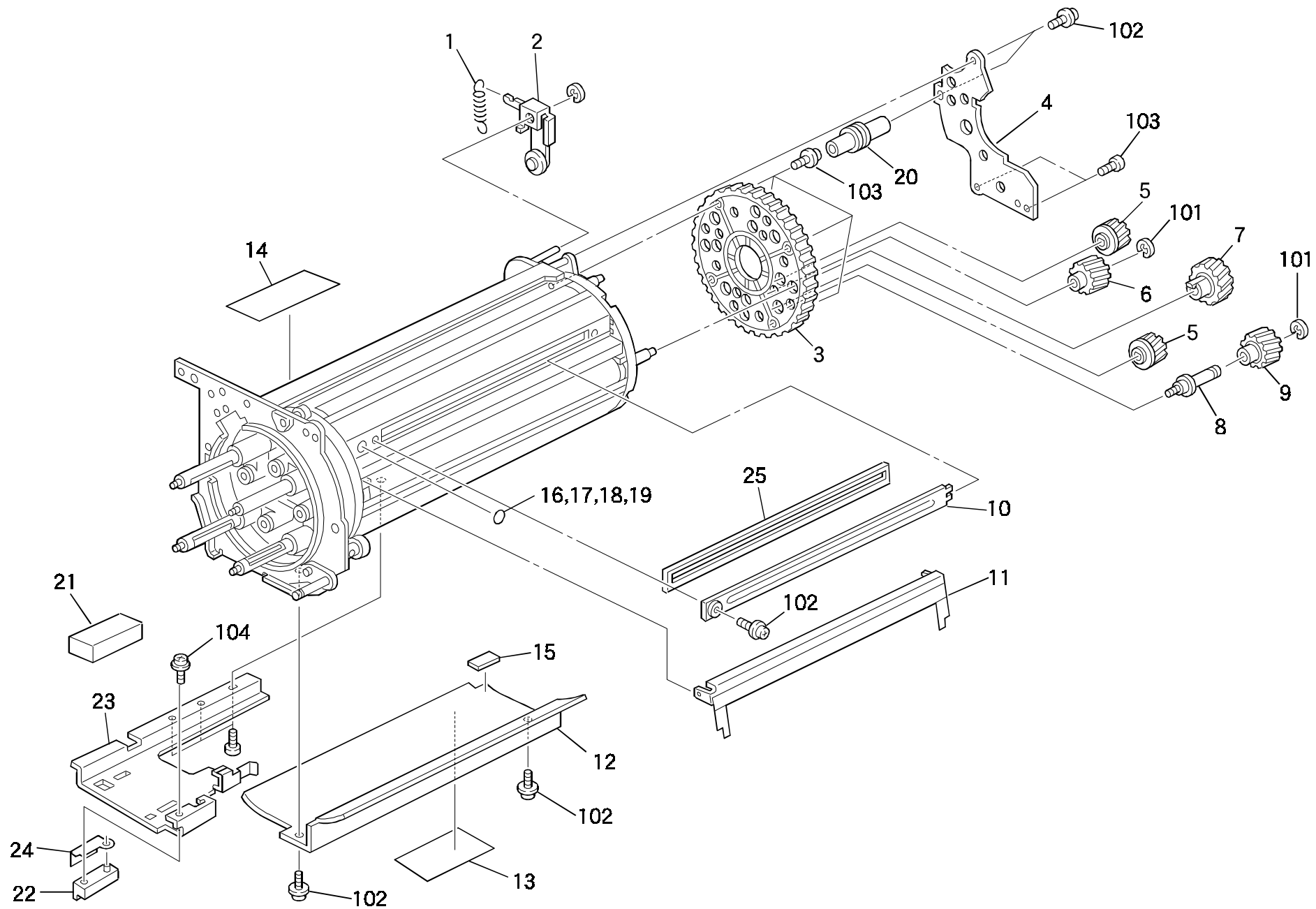


14. TONNER HOPPER (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A166 3013	Development Unit (RIC)	1
*	A166 3014	Development Unit (NRG/INF/SVN) (RIC-ASIA)	1
1	A166 3322	Collection Coil Cover	2
2	A166 3355	Black Toner Hopper Ass'y (RIC)	1
2	A166 3357	Black Toner Hopper Ass'y (NRG/INF/SVN/RIC-ASIA)	1
3	AA08 0205	Bushing - 6mm	3
4	A166 3325	Toner Supply Roller Pad	4
5	A166 3323	Entrance Pad - Toner Supply Roller	4
6	AA08 0207	Bushing - 6mm	3
7	AA15 3020	Seal	6
8	AA13 2192	Collar	8
9	AA15 1242	Rear Seal - Toner Supply Shaft	16
10	A166 3330	Toner Supply Roller	4
11	A166 3301	Toner Supply Side Plate	1
12	AA06 0282	Pressure Spring	1
13	A166 5647	Development Harness	1
14	A166 3224	Gear Head	1
15	AB01 1366	Gear - 42z	4
16	H085 1521	Drive Gear - ADF Feed : Z17	4
17	AA15 3006	Seal	4
18	AW02 0021	Photointerruptor - 175487-3	1
19	A166 3217	H.P. Sensor Bracket	1
20	A166 3307	Positioning Sensor Link - Black 2	1
21	AA06 6552	Spring	1
22	A166 3306	Positioning Sensor Link - Black 1	1
23	AW02 0083	Photointerruptor	1
24	A166 3222	Sensor Bracket	1
25	A166 1339	Bracket - Upper Inner Cover	1
26	A166 3336	Small Shutter Bracket	3
27	A166 3332	Shutter Cover-toner Collection Coil	6
28	A166 3334	Large Shutter Bracket	3
29	A166 3232	Toner Supply Motor	1
30	AB01 1369	Gear - 56Z	1

Index No.	Part No.	Description	Q'ty Per Assembly
31	AB01 7407	Gear - 12Z/41Z	2
32	A049 2194	Seal	2
33	A166 3036	Toner Supply Unit (RIC)	1
33	A166 3037	Toner Supply Unit (NRG/INF/SVN)(RIC-ASIA)	1
34	A166 3308	Link Holder	1
35	A166 3225	Gear Release Bracket	1
36	A166 3193	Stopper Dev Unit	1
37	A166 3285	Seal - Cyan	1
38	A166 3286	Seal - Yellow	1
39	A166 3287	Seal - Magenta	1
101	0720 0040B	Retaining Ring - M4	
102	0452 4008B	Tapping Bind Screw - M4x8	
103	0720 0060B	Retaining Ring - M6	
104	0952 4006B	Screw - Small Round - M4x6	
105	0434 0060B	Philips Tapping Screw - M4x6	
106	1105 0310	Wire Clamp	
107	0952 4025B	Screw - M4X25	
108	0952 4006B	Screw - Small Round - M4x6	

15. DEVELOPMENT UNIT (A187/189)

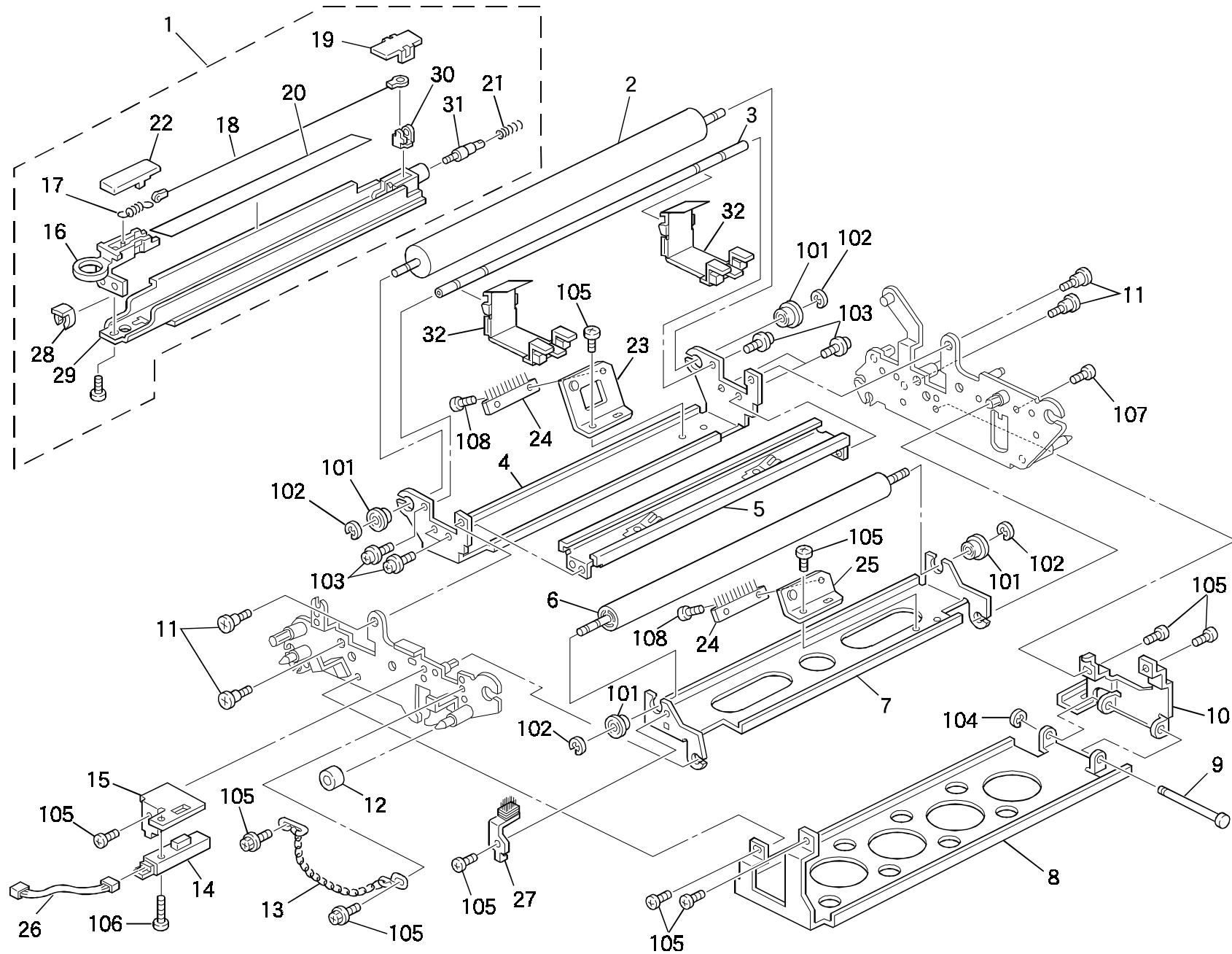


15. DEVELOPMENT UNIT (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA06 0320	Release Spring	1
2	A166 3270	Positioning Roller	1
3	AB01 3947	Gear	1
4	A166 3280	Rear Support Plate - Development	1
5	AB01 3948	Gear	2
6	A166 3170	Idle Gear	1
7	A166 3190	Development Gear	1
8	AA14 3726	Stepped Screw	1
9	AB01 3949	Gear	1
10	A166 3134	Toner Bottle Cap	1
11	A166 3160	Entrance Guide	1
12	A166 3201	Toner Collection Plate	1
13	A166 3295	Collection Plate Seal	1
14	A166 3209	Decal - Development	1
15	A166 3298	Collection Plate Magnet	1
16	A049 2194	Seal	1
17	A049 2195	Seal	1
18	A049 3945	Seal - Black	1
19	A049 3946	Seal - Blue	1
20	A166 3290	Rear Support Plate	1
21	A166 3199	Development Fixing Plate	1
22	AW01 0046	Photosensor - Ee-spy415	1
23	A166 3205	Development Unit Grip	1
24	A166 3235	Optical Sensor Cover	1
25	A166 3133	Sealding Seal	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040B	Retaining Ring - M4	
102	0952 4006B	Screw - Small Round - M4x6	
103	0451 4008B	Philips Tapping Screw - M4x8	
104	0952 3012B	Screw - M5X12	

16. TRANSFER BELT UNIT 1 (A187/189)

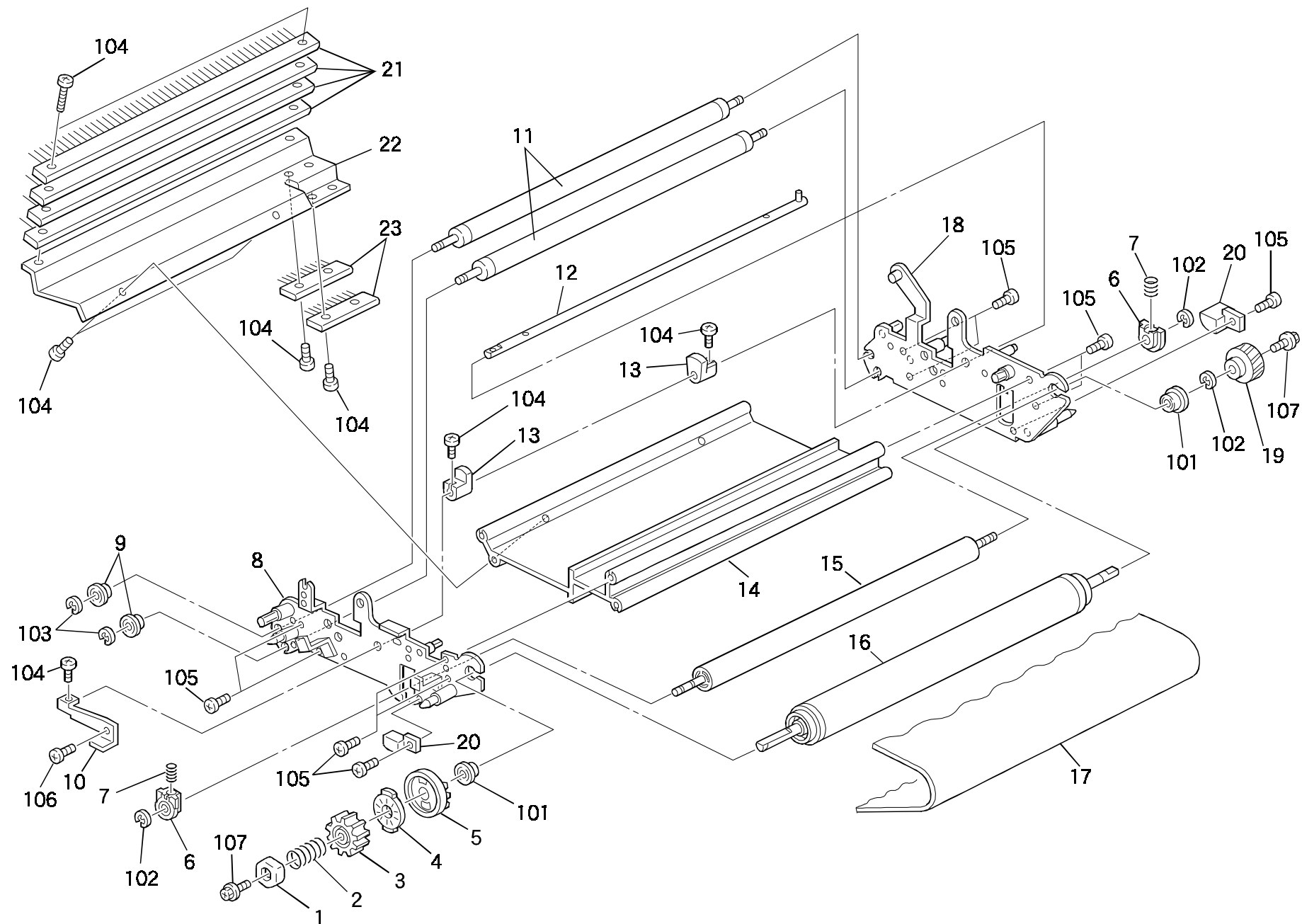


16. TRANSFER BELT UNIT 1 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A166 6003	Transfer Belt Unit	1
1	A166 6115	Belt Cleaning Unit Grip	1
2	A166 6056	Belt Support Roller	1
3	A166 6129	Side Stay	1
4	A166 6068	Cleaning Side Plate	1
5	A166 6087	Transfer Corona Unit Bracket	1
6	A166 6059	Pressure Roller	1
7	A166 6078	Swing Roller Bracket	1
8	A166 6100	Front Rail - Transfer Belt Unit	1
9	A166 6106	Frame Shaft	1
10	A166 6105	Rear Rail - Transfer Belt Unit	1
11	AA14 3074	Stepped Screw - M4x5	4
12	A166 6103	Cushion - Positioning Pin	1
13	A166 6119	Transfer Belt Unit Grip	1
14	A166 5421	Transfer Belt Sensor	1
15	A166 6093	Positioning Sensor Bracket	1
16	A166 6097	Front End Block - Main Corona	1
17	AA06 0251	Spring	1
18	A166 9515	Main Corona Wire (10pcs/set)	1
19	AD02 2328	T/S Corona Rear Cap	1
20	AA17 0019	Seal	1
21	AA06 3143	Spring	1
22	AD02 2263	Front Cover - Main Corona	1
23	A166 6167	Antistatic Brush Holder	1
24	AA12 0079	Antistatic Brush	2
25	A166 6168	Antistatic Brush Holder	1
26	A166 5638	Transfer Belt Position Harness	1
27	A166 6131	Inner Belt Cleaner	1
28	A166 6121	Snap Ring	1
29	A166 6102	Charge Corona Unit	1
30	A166 6110	Rear Corona Wire Terminal	1
31	A166 6111	Spring Pin	1
32	A166 6180	Arm	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0805 3482	Ball Bearing - 8x14x3.5	
102	0720 0060B	Retaining Ring - M6	
103	0952 4006B	Screw - Small Round - M4x6	
104	0720 0030B	Retaining Ring - M3	
105	0434 0060B	Philips Tapping Screw - M4x6	
106	0313 0100B	Philips Pan Head Screw - M3x10	
107	0315 0100B	Philips Pan Head Screw - M5x10	
108	0353 0080B	Screw - M3X8	

17. TRANSFER BELT UNIT 2 (A187/189)

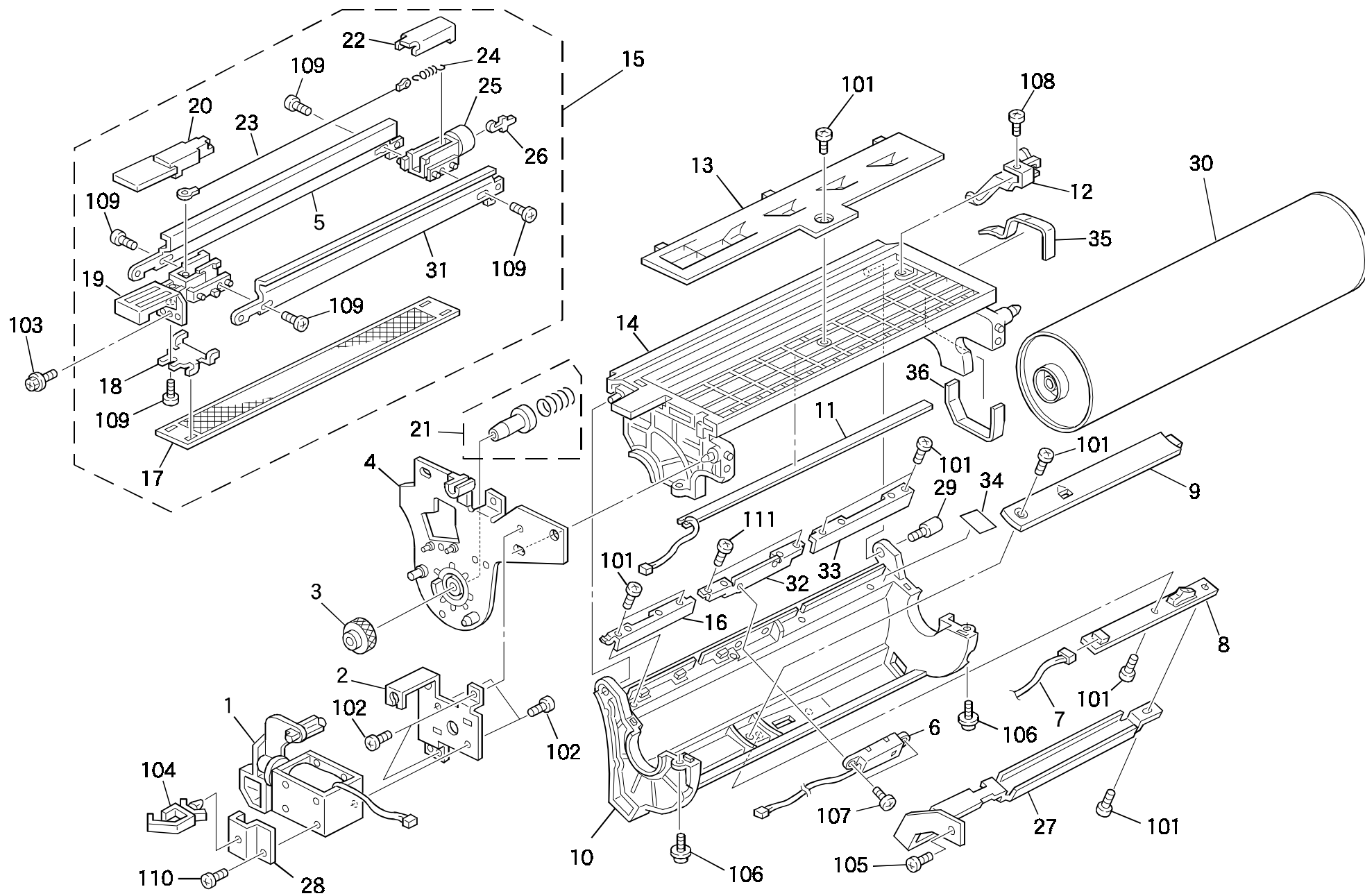


17. TRANSFER BELT UNIT 2 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A109 6087	Spring Holder Cover - Transfer	1
2	AA06 3546	Spring	1
3	A166 6127	Bracke Disk	1
4	A166 6126	Brake Pad	1
5	A166 6128	Pad Holder	1
6	AA08 4044	Bearing Holder	2
7	AA06 3369	Spring	2
8	A166 6073	Front Side Plate - Transfer	1
9	A053 2132	Bushing - 6x10x3	2
10	A166 6084	Lifting Cam Lever	1
11	A166 6062	Transfer Roller	2
12	A166 6080	Lifting Cam Shaft	1
13	A166 6082	Lifting Cam	2
14	A166 6085	Side Plate	1
15	A166 6059	Pressure Roller	1
16	A166 6052	Transfer Belt Drive Roller	1
17	A166 6050	Transfer Belt	1
18	A166 6075	Rear Side Plate - Transfer	1
19	AB01 3981	Gear - 30Z	1
20	A166 6143	Roller Stopper	1
21	AA12 0080	Antistatic Brush	4
22	A166 6166	Antistatic Brush Holder	1
23	AA12 0079	Antistatic Brush	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0805 3482	Ball Bearing - 8x14x3.5	
102	0720 0060B	Retaining Ring - M6	
103	0720 0040B	Retaining Ring - M4	
104	0353 0080B	Screw - M3X8	
105	0314 0080B	Philips Pan Head Screw - M4x8	
106	0434 0060B	Philips Tapping Screw - M4x6	
107	0451 4008B	Philips Tapping Screw - M4x8	

18. DRUM SECTION (A187/189)

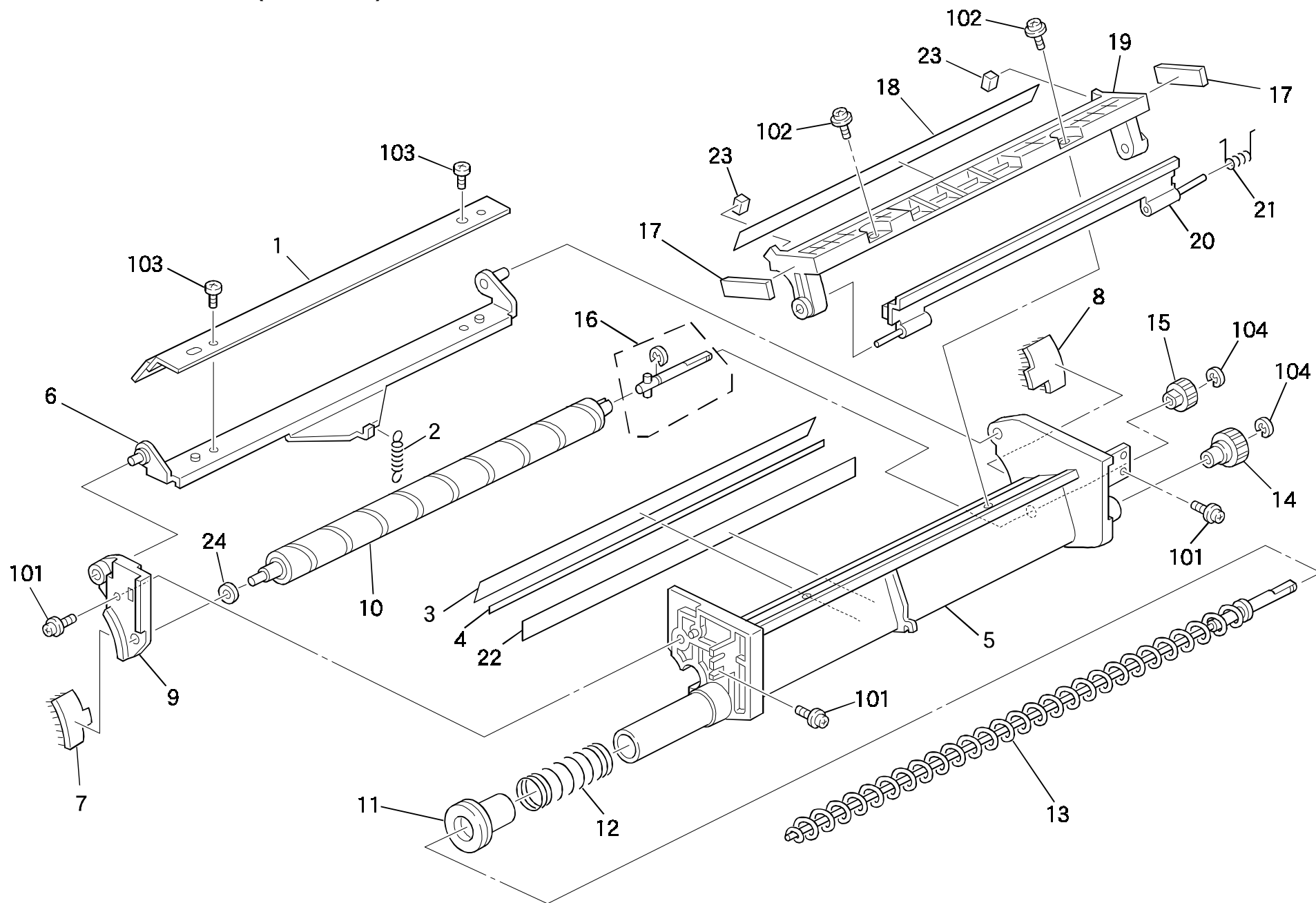


18. DRUM SECTION (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 3339	DC Solenoid	1
2	A166 3340	Solenoid Bracket	1
3	A109 2287	Drum Flange Knob	1
4	A166 2321	Drum Support Plate	1
5	AD03 3123	Left Caseing - Charge Corona	1
6	AW33 0005	Drum Potencial Sensor	1
7	A166 5648	Density Sensor Harness	1
8	A166 5400	ID Sensor Board	1
9	A166 2315	Density Sensor Cover	1
10	A166 2309	Optical Lower Frame	1
11	A166 5405	Quenching Lamp	1
12	A166 2305	Grid Wire	1
13	A166 2304	Upper Cover - Drum Unit	1
14	A166 2303	Drum Unit Upper Frame	1
15	AD00 4081	Charge Corona Unit	1
16	A166 2339	Front Density Sensor Brracket	1
17	A049 2272	Charge Grid - 85T	1
18	A166 2331	Front Fixing Plate	1
19	AD02 2325	Front End Block - Charge Corona	1
20	AD02 2326	Front End Block Cover - Charge	1
21	A166 2327	Knob Screw	1
22	AD02 2266	Rear Cover - Charge Corona	1
23	A166 9516	Charge Corona Wire (10pcs/set)	1
24	5442 2108	Corona Wire Spring	1
25	AD02 2265	Rear End Block - Charge Corona	1
26	5442 2110	Plug - Corona Unit	1
27	A166 2311	Shielding Plate - Density Sensor	1
28	A166 3348	Harness Clamp Bracket	1
29	5409 1855	Mounting Pin	1
30	A166 9510	OPC Drum	1
31	AD03 3124	Right Caseing - Charge Corona	1
32	A166 2338	Middle Density Sensor Bracket	1
33	A166 2336	Rear Density Sensor Brracket	1
34	A166 2334	Seal	1
35	A166 2333	Rear Seal - Main Corona	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0452 3008B	Tapping Screw - M3x8	
102	0434 0060B	Philips Tapping Screw - M4x6	
103	0451 4008B	Philips Tapping Screw - M4x8	
104	1105 0291	Wire Saddle	
105	0801 0149	Philips Pan Head Screw - M4x6	
106	0353 0060W	Philips Pan Head Screw - M3x6	
107	0433 0062B	Tapping Screw - M3 X 6 mm	
108	0951 3006W	Philips Screw With Flat Washer-M3x6	
109	0413 0062W	Tapping Screw - M3x6	
110	0443 0050B	Philips Pan Head Screw - M3x6	
111	0452 3010B	Tapping Bind Screw - M3x10	

19. DRUM CLEANING (A187/189)

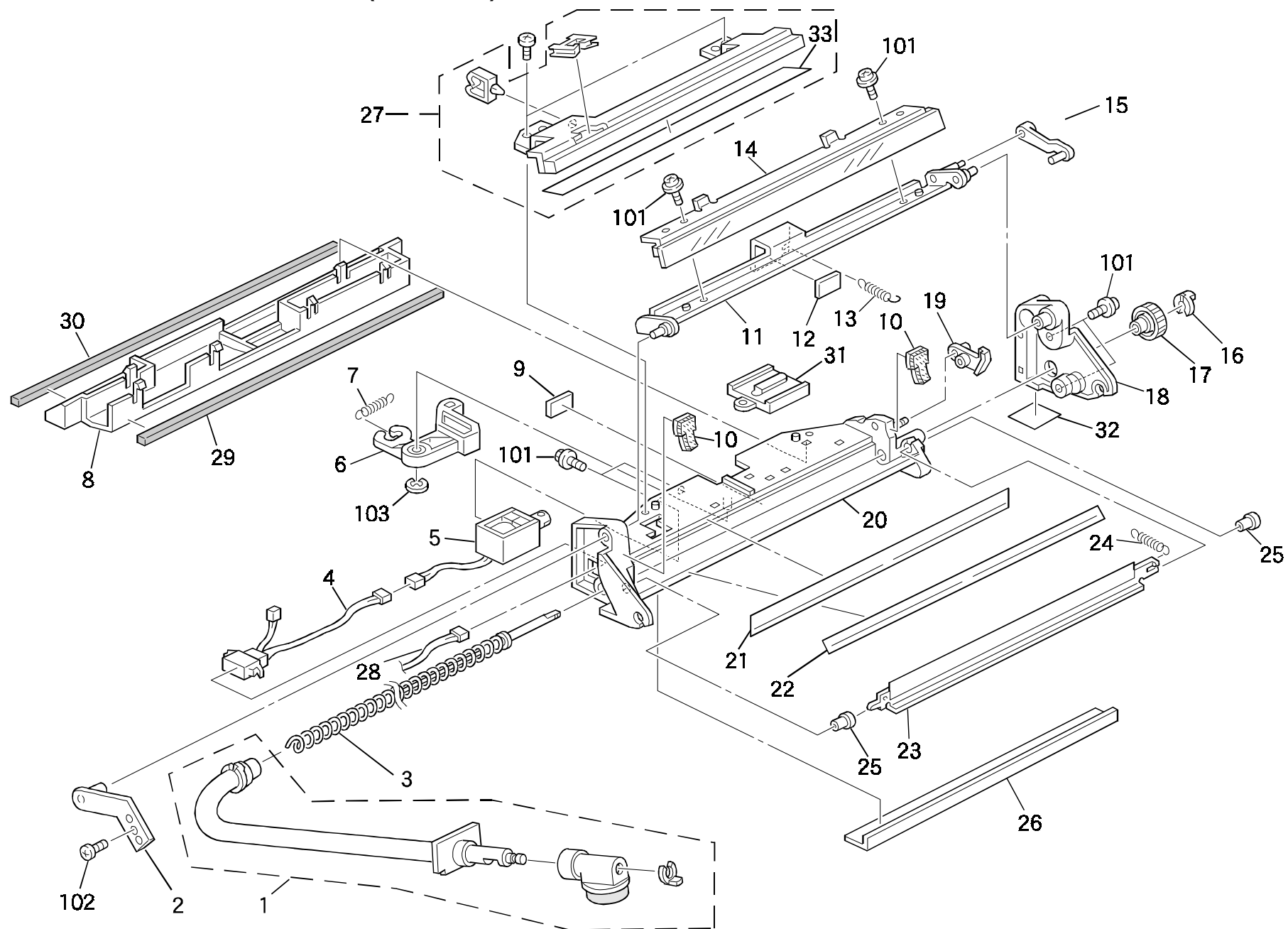


19. DRUM CLEANING (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	AD00 2020	Drum Cleaning Unit	1
1	A166 3576	Drum Cleaning Blade	1
2	AA06 0632	Spring - Blade	1
3	AD04 7016	Cleaning Entrance Seal	1
4	A166 3591	Entrance Seal	1
5	A166 3511	Drum Cleaning Unit	1
6	A166 3571	Cleaning Blade Holder	1
7	AA15 2256	Seal	1
8	AA15 2255	Seal	1
9	A166 3556	Brush Roller Holder	1
10	AD04 2031	Cleaning Brush Roller	1
11	A166 3581	Toner Collection Pipe	1
12	AA06 3283	Spring	1
13	AD04 3043	Toner Collection Coil - Transfer	1
14	AB01 3966	Gear - 20Z	1
15	AB01 3965	Gear - 16Z	1
16	A166 3566	Brush Roller Drive Shaft	1
17	A166 3593	Cleaning Cover Seal	2
18	A166 3586	Cleaning Seal	1
19	A166 3554	Cleaning Unit Cover	1
20	A166 3596	Lubricant Plate	1
21	A166 3599	Lubricant Spring	1
22	A166 3592	Toner Collection Plate Seal	1
23	A166 3587	Cleaning Blade Seal	2
24	H072 2220	Spacer - M6x10	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 3006W	Philips Screw With Flat Washer-M3x6	
102	0452 3008B	Tapping Screw - M3x8	
103	0434 0060B	Philips Tapping Screw - M4x6	
104	0720 0040B	Retaining Ring - M4	

20. TRANSFER BELT CLEANING (A187/189)

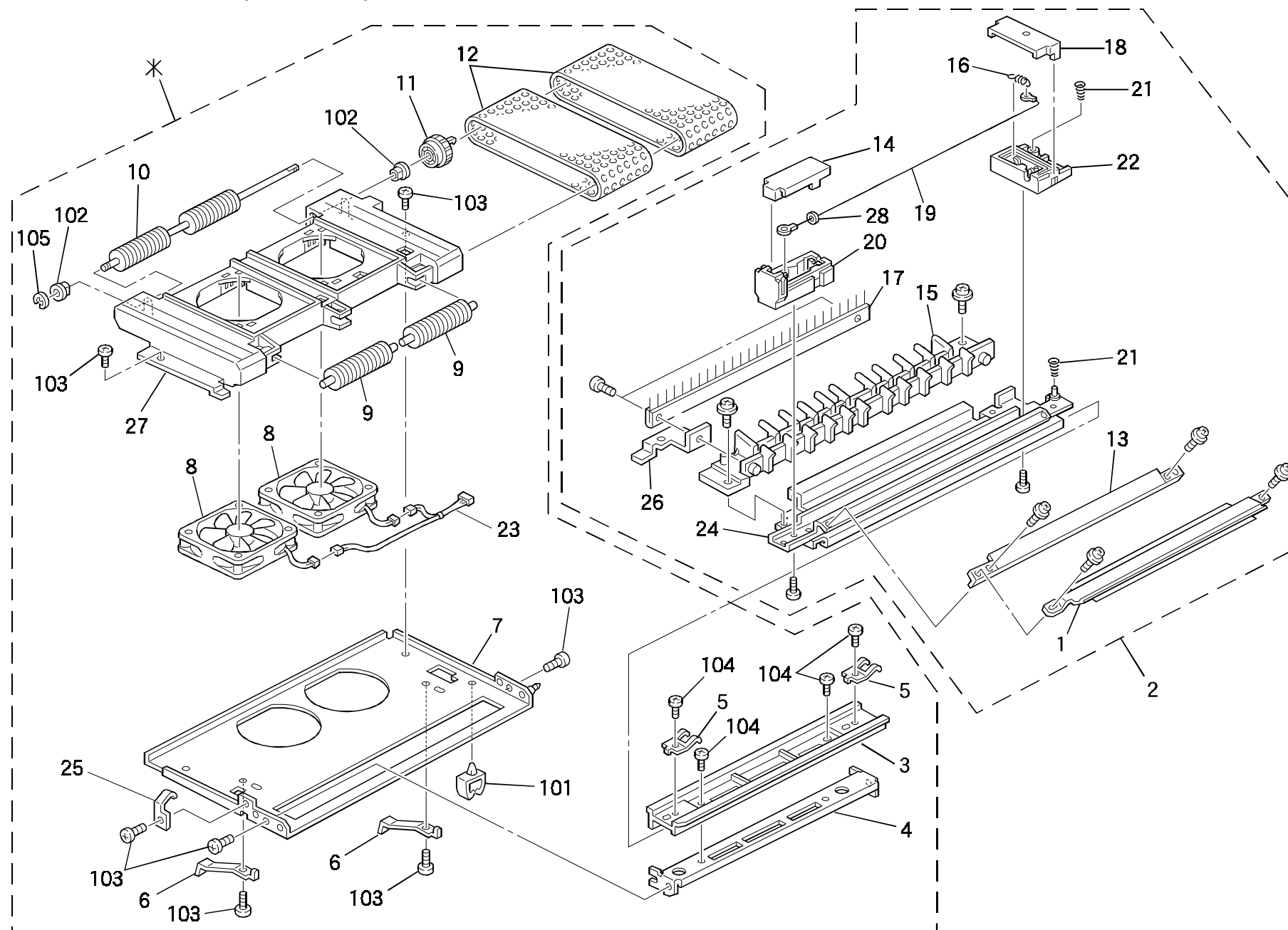


20. TRANSFER BELT CLEANING (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 6381	Toner Collection Pipe	1
2	A166 6393	Belt Cleaning Holder	1
3	A166 6371	Toner Collection Coil	1
4	A166 5657	Cleaning Relay Harness	1
5	AX12 0043	DC Solenoid	1
6	A166 6336	Release Plate	1
7	AA06 0628	Spring	1
8	A166 6366	Solenoid Cover	1
9	A109 6348	Lever Cushion	1
10	A166 6357	Blade Seal	2
11	A166 6322	Blade Support Plate	1
12	A166 6325	Lever Cushion	1
13	AA06 0627	Spring	1
14	A166 6331	Cleaning Blade - Transfer Belt	1
15	A166 6348	Link Plate - Seal Lever	1
16	AA10 0009	Ring Stopper	1
17	AB01 3978	Gear	1
18	A166 6361	Belt Cleaning Side Plate	1
19	A166 6347	Entrance Seal Lever	1
20	A166 6353	Belt Cleaning Caseing	1
21	A166 6359	Belt Cleaning Seal	1
22	A166 6358	Toner Collection Seal	1
23	A166 6341	Entrance Seal	1
24	AA06 0629	Spring	1
25	A109 6369	Entrance Seal Collar	1
26	A166 6363	Toner Collection Plate	2
27	A166 6161	LED Array	1
28	A166 5641	Belt Cleaning Harness	1
29	A166 6368	Cover Front Seal	1
30	A166 6367	Cover Seal	1
31	A166 6388	Blade Release Wedge	1
32	A166 6362	Seal	1
33	A166 6164	Seal - PTL	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0952 4006B	Screw - Small Round - M4x6	
102	0434 0060B	Philips Tapping Screw - M4x6	
103	0720 0030B	Retaining Ring - M3	

21. TRANSPORT UNIT (A187/189)

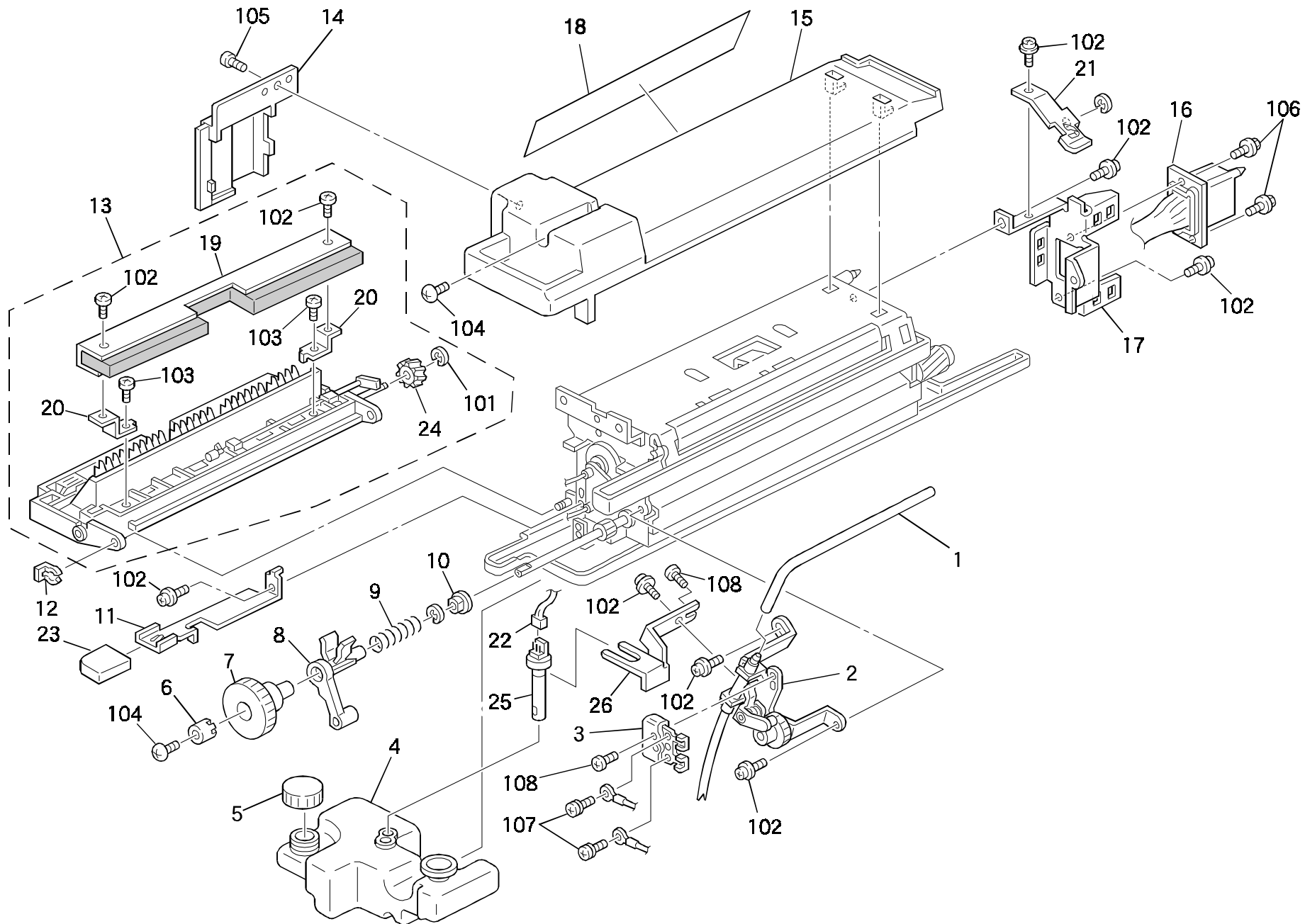


21. TRANSPORT UNIT (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A166 3852	Transport Unit	1
1	A166 6213	Upper Guide Plate	1
2	A166 6200	Transfer Corona Unit	1
3	A166 3942	Transfer Tank Rail	1
4	A166 6123	Transfer Tank Stay	1
5	A166 6216	Spring Plate	2
6	A166 4455	Spring Plate	2
7	A166 3940	Transfer Tank Frame	1
8	AX64 0068	Fan Motor - DC24V 0.09A	2
9	AF02 2070	Right Transport Roller	2
10	AF02 2069	Left Transport Roller	1
11	AB01 3982	Gear - 30Z	1
12	AA04 0025	Transfer Belt	2
13	A166 6210	Lower Guide Plate	1
14	AD02 2323	Front End Block Cover - Transfer	1
15	A166 6245	Antistatic Brush Holder	1
16	5442 2108	Corona Wire Spring	1
17	AA12 0068	Antistatic Brush	1
18	AD02 2324	Rear End Block Cover - Transfer	1
19	A166 9514	Transfer Corona Wire - (10pcs/set)	1
20	AD02 2321	Front End Block - Transfer Corona	1
21	AA06 3036	Terminal Spring	2
22	AD02 2327	Rear End Block - Transfer Corona	1
23	A166 5650	Transfer Harness	1
24	A166 6230	T/S Corona Caseing	1
25	A166 6247	Grounding Plate	1
26	A166 6246	Grounding Plate - Antistatic Brush	1
27	A166 3910	Transfer Tank	1
28	A030 6231	Corona Wire Ring	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0199	Clamp	
102	5053 0447	Bushing - 6mm	
103	0414 0080W	Tapping Screw - M4x8	
104	0434 0060B	Philips Tapping Screw - M4x6	
105	0720 0040B	Retaining Ring - M4	

22. FUSING UNIT 1 (A187/189)

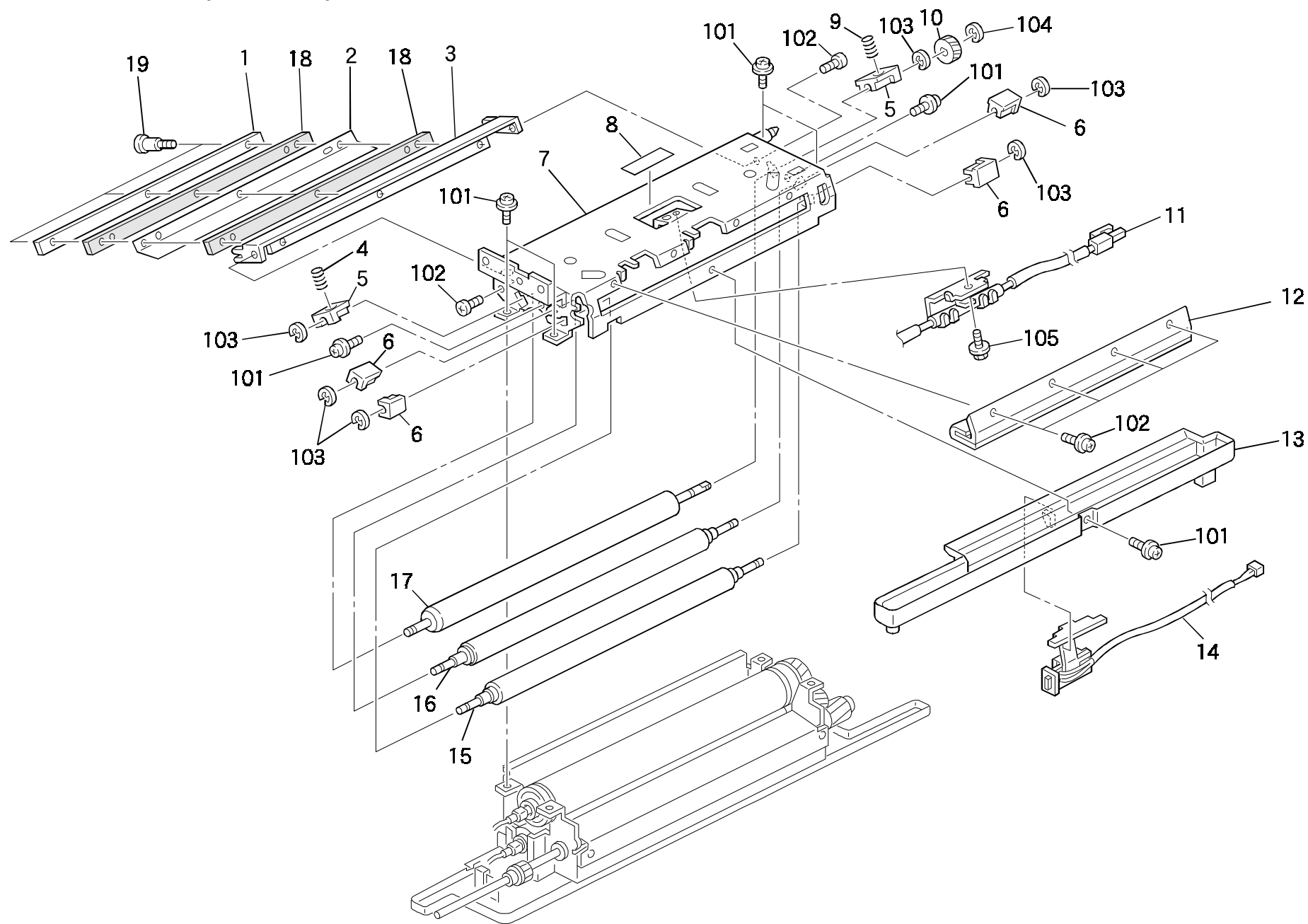


22. FUSING UNIT 1 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A166 4022	Fusing Unit (115V)	1
*	A166 4032	Fusing Unit (230V)	1
1	AA18 0054	Oil Supply Tube	1
2	A166 4014	Oil Supply Unit	1
3	AA11 3021	Heater Terminal	1
4	AA03 1009	Oil Tank	1
5	AA03 6007	Oil Tank Cap	1
6	A166 4290	Knob Joint	1
7	AG05 0080	Fusing Knob	1
8	A166 4297	Drive Release Slyder	1
9	AA06 3536	Spring	1
10	AA08 0166	Bushing - 8mm	1
11	A166 4284	Fusing Unit Lever	1
12	5206 2686	Snap Ring	1
13	A166 4350	Fusing And Paper Exit Unit	1
14	A166 4203	Fusing Left Cover	1
15	A166 4199	Fusing Unit Cover	1
16	A166 5656	Fusing Unit Harness	1
17	A166 4092	Connector Bracket	1
18	AA00 0194	Decal - High Temperature	1
19	A166 4267	Oil Cleaning Felt	1
20	A166 4270	Felt bracket	2
21	A166 4098	Thermistor Harness Bracket	1
22	A166 5721	Relay Harness - Oil End Sensor	1
23	A166 4287	Lever Knob	1
24	AB01 3976	Gear - 15Z	1
25	5009 5009	Oil End Sensor	1
26	5009 5009	Oil End Sensor Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040B	Retaining Ring - M4	
102	0952 4006B	Screw - Small Round - M4x6	
103	0452 4008B	Tapping Bind Screw - M4x8	
104	0344 0080F	Philips Truss Head Screw - M4x8	
105	0452 4010B	Tapping Bind Screw - M4x10	
106	0443 0080W	Hexagon Head Tapping Screw - M3x8	
107	0950 3005M	Philips Screw With Lock Washer M3x5	
108	0314 0100B	Philips Pan Head Screw - M4x10	

23. FUSING UNIT 2 (A187/189)

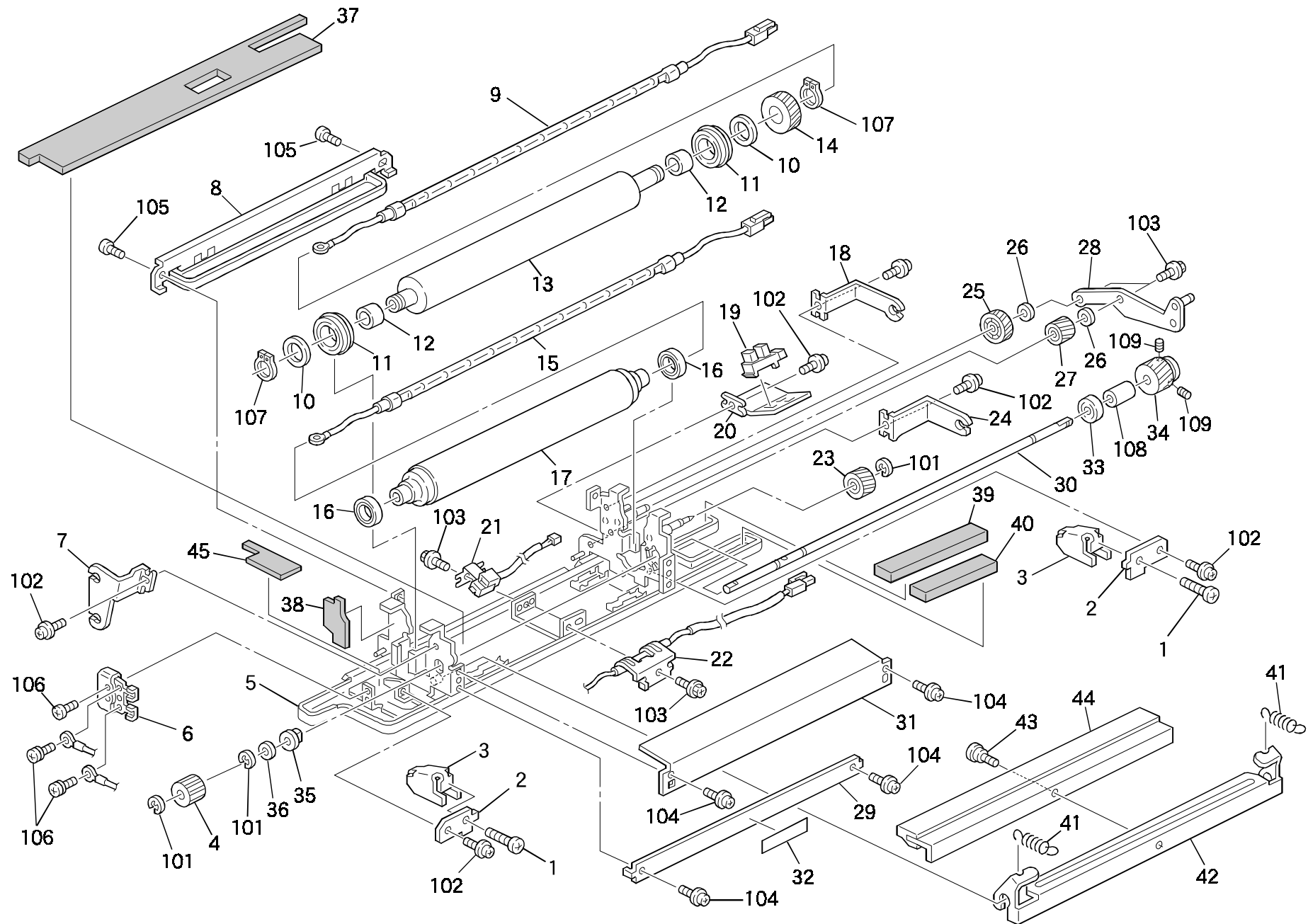


23. FUSING UNIT 2 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 4122	Scraper Holder	1
2	A166 4123	Fusing Roller Scraper	1
3	A166 4121	Scraper Bracket	1
4	AA06 3284	Spring	1
5	AE03 1021	Bushing - 6mm	2
6	AE03 1022	Bushing - 4mm	4
7	A166 4070	Upper Fusing Stay	1
8	AA00 0178	Decal - Thermofuse	1
9	AA06 3285	Spring	1
10	AB01 3977	Gear - 16Z	1
11	A166 5415	Thermo Fuse	1
12	A166 4102	Oil Supply Pad	1
13	A166 4100	Oil Sump	1
14	A166 5410	Thermistor - Fusing Roller	1
15	AE04 0012	Oil Supply Roller	1
16	AE04 0011	Oil Toff Roller	1
17	A166 4120	Fusing Cleaning Roller	1
18	A166 4124	Cushion	2
19	2 4617	Stepped Screw - M3	3

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 4008B	Philips Screw With Washer - M4x8	
102	0952 4006B	Screw - Small Round - M4x6	
103	0720 0025E	Retaining Ring - M2.5	
104	0720 0040B	Retaining Ring - M4	
105	0353 0060W	Philips Pan Head Screw - M3x6	

24. FUSING UNIT 3 (A187/189)



24. FUSING UNIT 3 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 4080	Adjusting Screw	2
2	A166 4081	Adjusting Plate	2
3	A166 4082	Pressure Roller Lever	2
4	AB01 3983	Gear - 16Z	1
5	A166 4055	Lower Fusing Frame	1
6	AA11 3021	Heater Terminal	1
7	A166 4235	Front Heater Holder	1
8	A166 4125	Oil Pan	1
9	AX44 0091	Fusing Lamp - 120V 670W	1
9	AX44 0092	Fusing Lamp - 230V 670W	1
10	A030 4064	Spacer - Hot Roller	2
11	AE03 0007	Ball Bearing-25x47x12mm	2
12	AE03 2007	Bushing - 20x25x12mm	2
13	AE01 0014	Hot Roller	1
14	AB01 3969	Gear - 45Z	1
15	AX43 0032	Fusing Lamp - 120V 400W	1
15	AX43 0033	Fusing Lamp - 230V 400W	1
16	AE03 0019	Ball Bearing - 7x20x32	2
17	AE02 0062	Pressure Roller	1
18	A166 4087	Rear Heater Holder	1
19	AW02 0021	Photointerruptor - 175487-3	1
20	A166 4115	Exit Sensor Bracket	1
21	A166 5409	Thermistor - Pressure Roller	1
22	A166 5415	Thermo Fuse	1
23	AB01 3971	Gear - 22Z	1
24	A166 4097	Pressure Roller Heater Holder	1
25	AB01 3975	Gear - 20Z	1
26	H072 2220	Spacer - M6x10	2
27	AB01 3973	Gear - 15Z	1
28	A166 4164	Support Plate	1
29	A166 4111	Shielding Plate	1
30	AA14 0592	Fusing Drive Shaft	1
31	A166 4110	Fusing Entrance Guide	1
32	AA00 0178	Decal - Thermofuse	1
33	0805 3104	Ball Bearing - 8x22x7mm	1



Index No.	Part No.	Description	Q'ty Per Assembly
34	AB01 3970	Gear - 22Z	1
35	5053 0223	Bushing - 8mm	1
36	AA13 2013	Spacer - 8.2	1
37	A166 4261	Left Oil Pan Pad	1
38	A166 4266	Front Oil Pan Pad	1
39	A166 4265	Rear Left Oil Pan Pad	1
40	A166 4264	Rear Right Oil Pan Pad	1
41	AA06 0673	Pressure Spring	2
42	A166 4133	Bracket - Blade	1
43	AA14 3258	Stepped Screw - M4x7	1
44	AE04 1003	Oil Cleaning Blade	1
45	A166 4263	Bottom Front Oil Pan Pad	1
101	0720 0060B	Retaining Ring - M6	
102	0952 4006B	Screw - Small Round - M4x6	
103	0443 0060B	Hexagon Tapping Screw - M3x6	
104	0952 4006B	Screw - Small Round - M4x6	
105	0314 0060B	Philips Pan Head Screw - M4x6	
106	0314 0100B	Philips Pan Head Screw - M4x10	
107	0725 0200E	Retaining Ring C - M20	
108	0734 0806D	Philips Truss Head Screw - M4x5	
109	0574 0050B	Hexagonal Headless Screw - M4x5	

This diagram illustrates the exploded view of a mechanical assembly, showing the relationship between various components. The parts are numbered as follows:

- 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36
- 101, 102, 103, 104, 105, 106, 108, 109, 110, 111

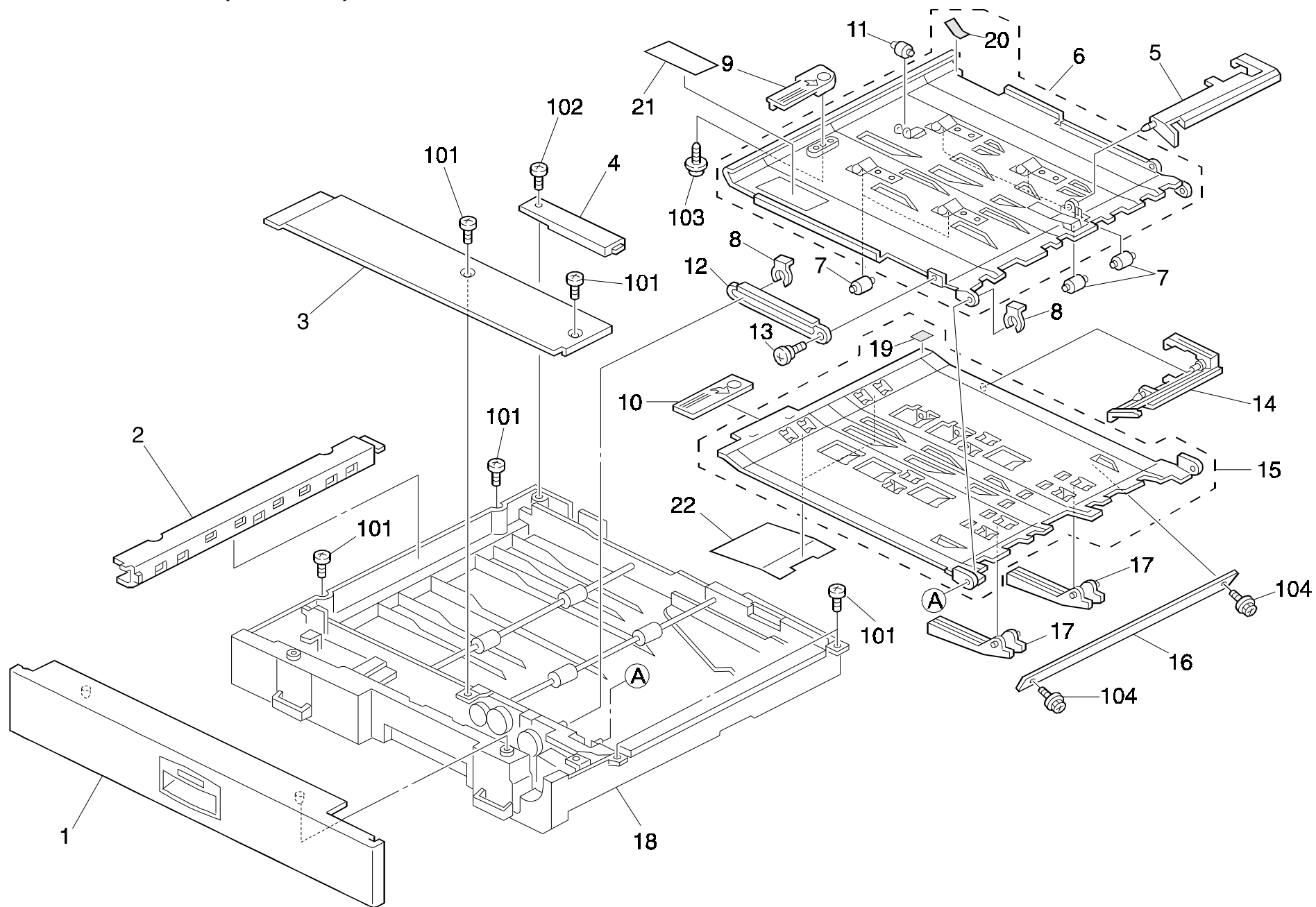
The assembly includes a main frame (10), a central shaft assembly (20, 21), a gear mechanism (17, 18, 22, 23, 24, 25), a motor or actuator (35), and various mounting brackets and fasteners. The exploded view shows the relative positions and assembly sequence of these components.

25. PAPER EXIT SECTION (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 4467	Solenoid Bracket	1
2	A166 4469	Solenoid Arm	1
3	5413 1882	Stepped Screw	1
4	A166 4461	Hinge Bracket	1
5	A166 4480	Paper Exit Arm Holder	1
6	A166 4494	Rear Holder - Copy Tray	1
7	A166 4498	Exit Cover Arm	1
8	A166 4492	Exit Cover	1
9	A166 4496	Exit Cover Pawl	1
10	A166 4482	Shielding Plate	1
11	AA12 0084	Discharge Brush - Duplex	1
12	A166 4464	Paper Exit Guide	1
13	A166 4017	Driven Roller	2
14	A166 4466	Spring Plate	2
15	A166 4493	Front Holder - Copy Tray	1
16	AA08 2058	Bushing - 6x10x9mm	2
17	AB01 3801	Gear - 30Z	1
18	AA06 3505	Spring	1
19	AF04 0554	Paper Exit Roller	1
20	AF02 5026	Paper Exit Pawl	1
21	AF02 0360	Transport Relay Roller	1
22	AB01 3319	Gear - 18Z	1
23	A166 4475	Duplex Drive Bracket	1
24	AB01 3967	Gear - 18Z	1
25	AB01 3318	Gear - 17Z	1
26	AB01 3968	Gear - 15Z	2
27	AA08 2046	Bushing - 6x12x6	1
28	A166 4619	Link	1
29	A166 4620	Connector Bracket	1
30	C200 4946	Clamper Sector Shaft	1
31	A166 4439	Lower Guide Plate	1
32	5413 1875	Knob Screw	1
33	A166 4485	Inner Guide Plate	1
34	A166 4488	Relay Bracket	1
35	AX12 0039	DC Solenoid - 24v - 400gf	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	AA14 3062	Shoulder Screw - M4	1
101	0807 4123	Spacer - 6x13x1	
102	0443 0060B	Hexagon Tapping Screw - M3x6	
103	0720 0040B	Retaining Ring - M4	
104	0434 0060B	Philips Tapping Screw - M4x6	
105	0434 0140W	Philips Tapping Screw - M4x8	
106	0451 4008B	Philips Tapping Screw - M4x8	
107	0452 4008B	Tapping Bind Screw - M4x8	
108	0313 0040B	Philips Pan Head Screw - M3x4	
109	1204 2356	Micro Switch - AM51612A531	
110	0313 0140B	Philips Pan Head Screw - M3x14	
111	0801 0149	Philips Pan Head Screw - M4x6	

26. DUPLEX UNIT 1 (A187/189)



26. DUPLEX UNIT 1 (A187/189)

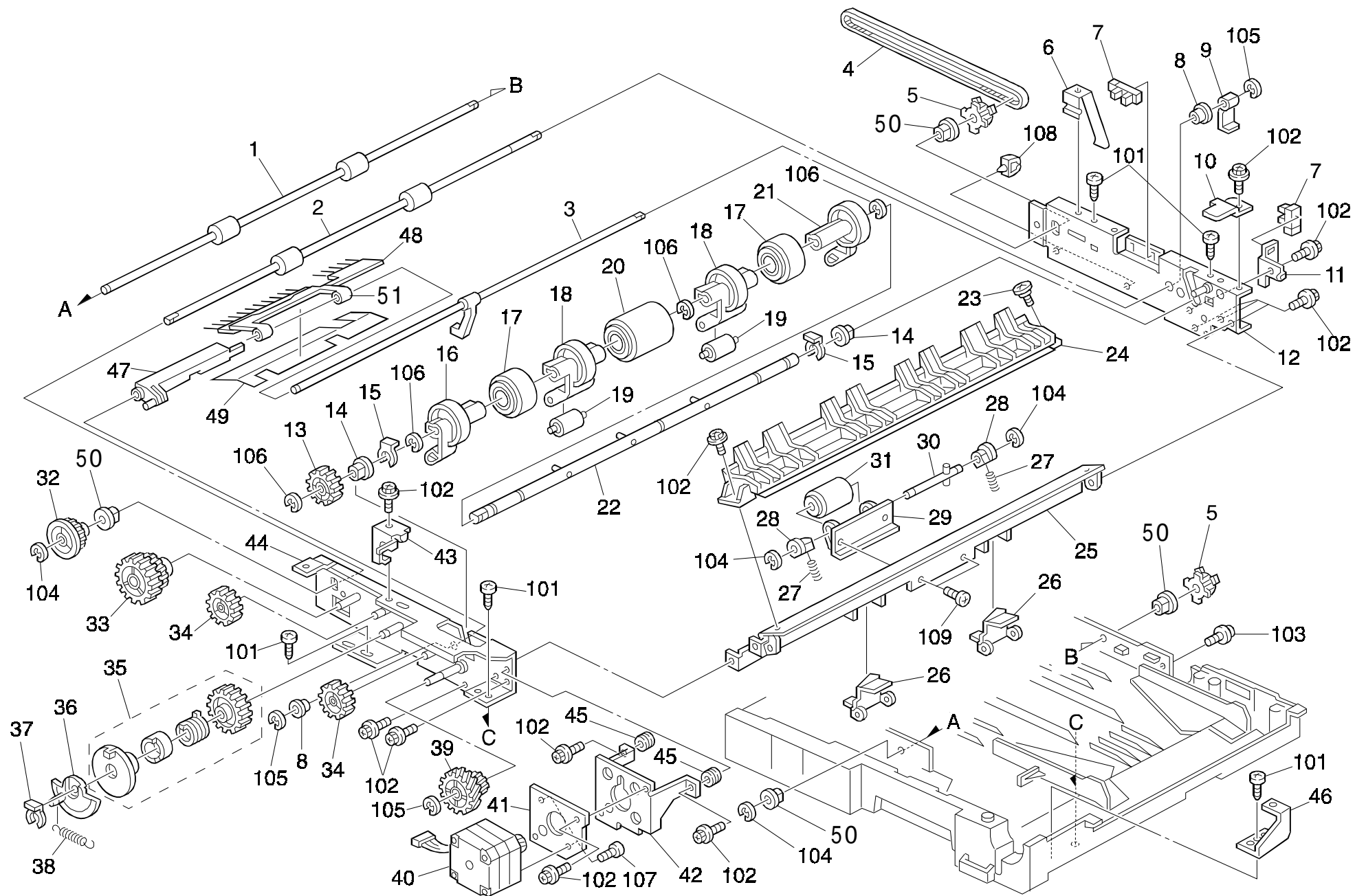




Index No.	Part No.	Description	Q'ty Per Assembly
*	A166 4502	Duplex Unit	1
1	A134 2956	Paper Feed Front Cover	1
2	A134 4720	End Fence Upper Cover	1
3	A134 4701	Front Upper Cover	1
4	A134 4721	Connector Cover	1
5	A134 4728	Inverter Feeler	1
6	A134 4732	Upper Guide Plate	1
7	AF02 2077	Driven Roller	5
8	5206 2686	Snap Ring	2
9	A134 4726	Guide Plate Knob	1
10	A134 4739	Lower Guide Plate Knob	1
11	AF04 0031	Upper Exit Roller	1
12	A134 4619	Guide Plate Link	1
13	5447 2768	Stepped Screw - M3	1
14	A134 4730	Entrance Feeler	1
15	A134 4740	Lower Guide Plate	1
16	AA12 0084	Discharge Brush - Duplex	1
17	A154 4616	Paper Holder	2
18	AF01 0018	Duplex Tray	1
19	A134 4730	Entrance Feeler	1
20	AA16 2068	Guide Plate Pad	1
21	A134 4884	Decal - Duplex Removal	1
22	A166 4570	Stack Guide	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0344 0080F	Philips Truss Head Screw - M4x8	
102	0802 5236	Binding Self-tapping Screw - M4x8	
103	0802 5231	Binding Self-tapping Screw - M3x6	
104	0443 0060W	Hexagon Head Tapping Screw - M3x6	

27. DUPLEX UNIT 2 (A187/189)

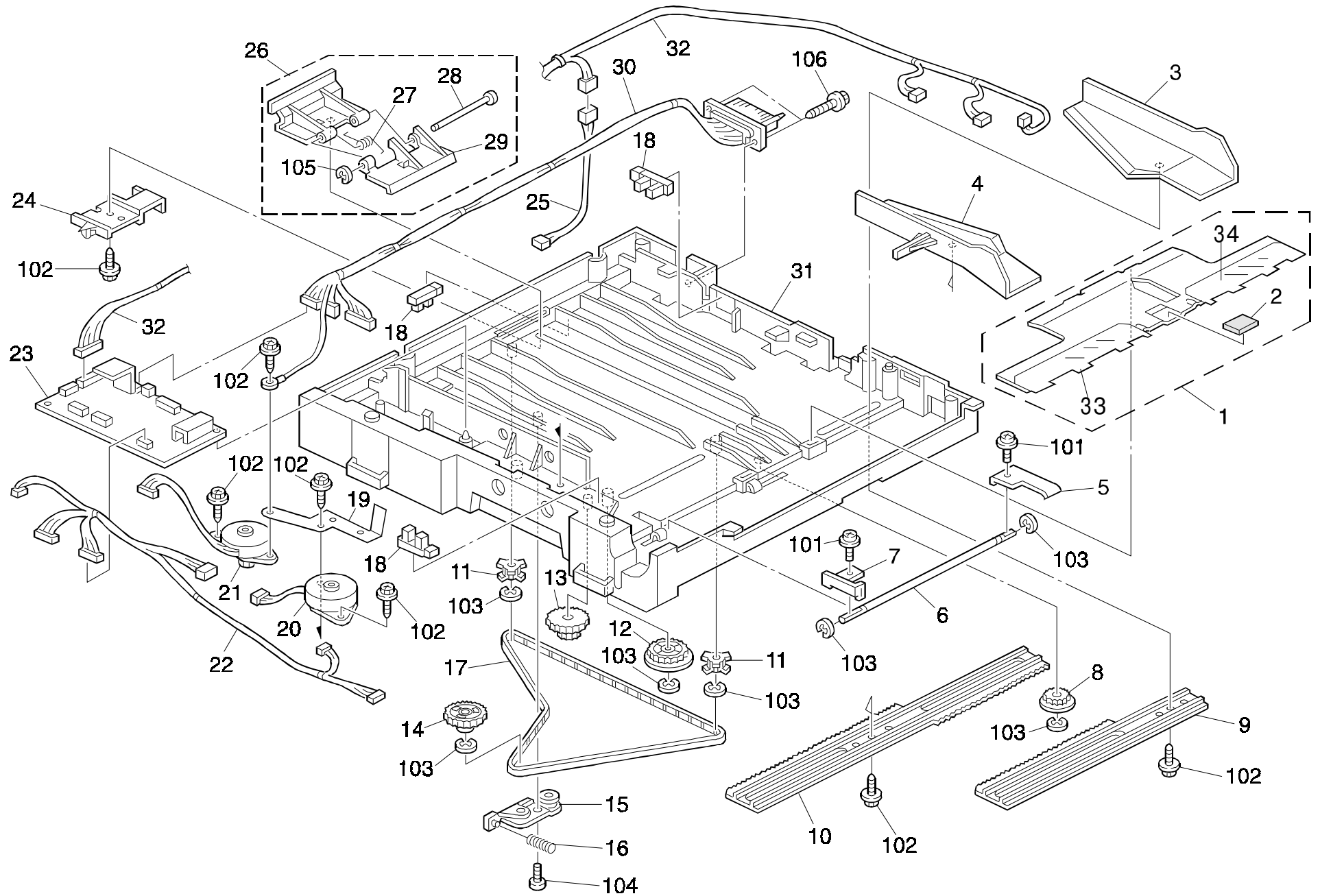


27. DUPLEX UNIT 2 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AF02 0319	Transport Roller	1
2	AF02 0320	Right Transport Roller	1
3	A134 4676	Paper End Feeler	1
4	AA04 3373	Timing Belt - S2M308	1
5	AB03 0474	Pulley - 24Z	2
6	A134 4765	Grounding Plate	1
7	AW02 0075	Photointerrupter	2
8	5443 2668	Bushing - 4x6x7mm	2
9	AA11 1208	Paper End Sensor Feeler	1
10	A134 4804	Guide Plate Stopper	1
11	A134 4790	Paper End Sensor	1
12	A134 4781	Rear Side Plate	1
13	AB01 1166	Gear - 33Z	1
14	5304 1639	Bushing - 8mm	2
15	5215 2621	Snap Ring - M6	2
16	A134 4809	Front Guide Holder	1
17	AF02 0382	Stack Roller	2
18	A134 4649	Paper Guide Holder	2
19	AF02 2077	Driven Roller	2
20	AF03 1032	Paper Feed Roller	1
21	A134 4808	Rear Guide Holder	1
22	A134 4512	Feed Roller Shaft	1
23	AA14 3307	Stepped Screw - M3x4	1
24	A166 4508	Reverse Guide Plate	1
25	A134 4662	Duplex Guide Plate	1
26	A134 4658	Vibrating Plate	2
27	AA06 3385	Pressure Spring	2
28	AA08 0128	Bushing - 6x9x8	2
29	A134 4671	Bracket - Separation Roller	1
30	A134 4646	Separation Roller Shaft	1
31	AF03 2026	Separation Roller	1
32	AB01 1167	Gear - 25Z	1
33	AB01 7332	Gear - 24Z/41Z	1
34	AB01 1165	Gear - 32Z	2
35	AB04 0015	Spring Clutch - Tray Bottom Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	A334 4706	Disk - Bottom Plate Clutch	1
37	5447 2681	Snap Ring	1
38	AA06 0593	Spring	1
39	AB01 7337	Gear - 15Z/55Z	1
40	A166 4530	Transport Drive Motor	1
41	A166 4532	Motor Bracket	1
42	A166 4531	Motor Bracket	1
43	A134 4690	Clutch Stopper	1
44	A134 4751	Front Side Plate	1
45	AA13 2184	Motor Cushion	2
46	A134 4712	Right Cover Bracket	1
47	A166 4587	Brush Holder	1
48	A166 4583	Antistatic Brush	1
49	A166 4585	Antistatic Brush Guide	1
50	5053 0447	Bushing - 6mm	4
51	 4584	Antistatic Brush Bracket	1
101	0802 5236	Binding Self-tapping Screw - M4x8	
102	0443 0060W	Hexagon Head Tapping Screw - M3x6	
103	0951 4008B	Philips Screw With Washer - M4x8	
104	0720 0040E	Retaining Ring - M4	
105	0720 0030E	Retaining Ring - M3	
106	0720 0060E	Retaining Ring - M6	
107	0313 0050B	Philips Pan Head Screw - M3x5	
108	 0199	Clamp	
109	 4 0060B	Philips Tapping Screw - M4x6	

28. DUPLEX UNIT 3 (A187/189)

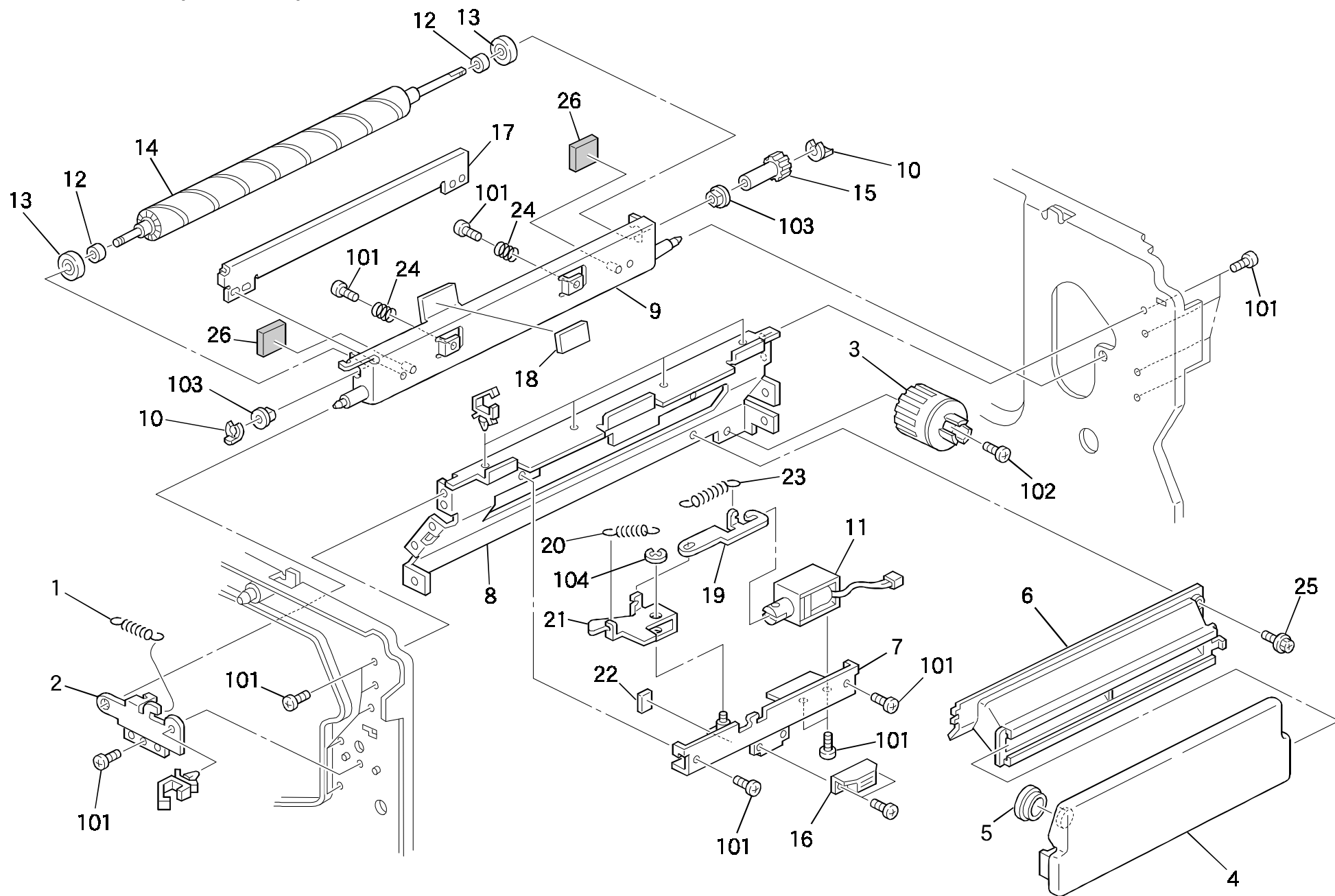


28. DUPLEX UNIT 3 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A154 4620	Bottom Plate	1
2	AF01 3003	Bottom Plate Pad - Duplex	1
3	AF01 6160	Rear Side Fence	1
4	AF01 6161	Front Side Fence	1
5	A134 4654	Bottom Pressure Plate	1
6	AA14 0291	Bottom Plate Shaft	1
7	A491 4690	Bottom Plate Hook	1
8	G011 3305	Gear - 16T	1
9	A134 4689	Rear Side Fence Rack	1
10	A134 4688	Front Side Fence Rack	1
11	AB03 0473	End Fence Pulley - 22z	2
12	AB01 3881	Gear - 31Z	1
13	AB01 7400	Gear- 18z/68z	1
14	AB01 7339	End Fence Gear - 22z/58z	1
15	A134 4714	Tightener	1
16	AA06 3370	Spring	1
17	AA04 3374	Timing Belt - S2M800	1
18	AW02 0075	Photointerrupter	3
19	A134 4620	Grounding Plate	1
20	A134 5291	Jogger Drive Motor DC 6.48w	1
21	A134 5292	Jogger Drive Motor DC 10.56w	1
22	A134 5323	Motor Harness	1
23	A134 5254	Duplexcontrol Board	1
24	A134 4710	End Fence Actuator	1
25	A134 5322	End Fence Harness	1
26	A134 4525	End Fence	1
27	AA06 6094	End Fence Spring	1
28	AA14 8252	End Fence Shaft	1
29	AF01 7014	End Fence	1
30	A134 5320	Duplex Main Harness	1
31	AF01 0018	Duplex Tray	1
32	A134 5321	Sensor Relay Harness	1
33	A154 4621	Front Guide Plate	1
34	A154 4622	Rear Guide Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 3006B	Philips Screw With Flat Washer - M3x6	
102	0802 5232	Binding Self-tapping Screw - M3x8	
103	0720 0040E	Retaining Ring - M4	
104	0802 5236	Binding Self-tapping Screw - M4x8	
105	0720 0025E	Retaining Ring - M2.5	
106	0802 5234	Tapping Screw - M3x12	

29. SWEEPER (A187/189)

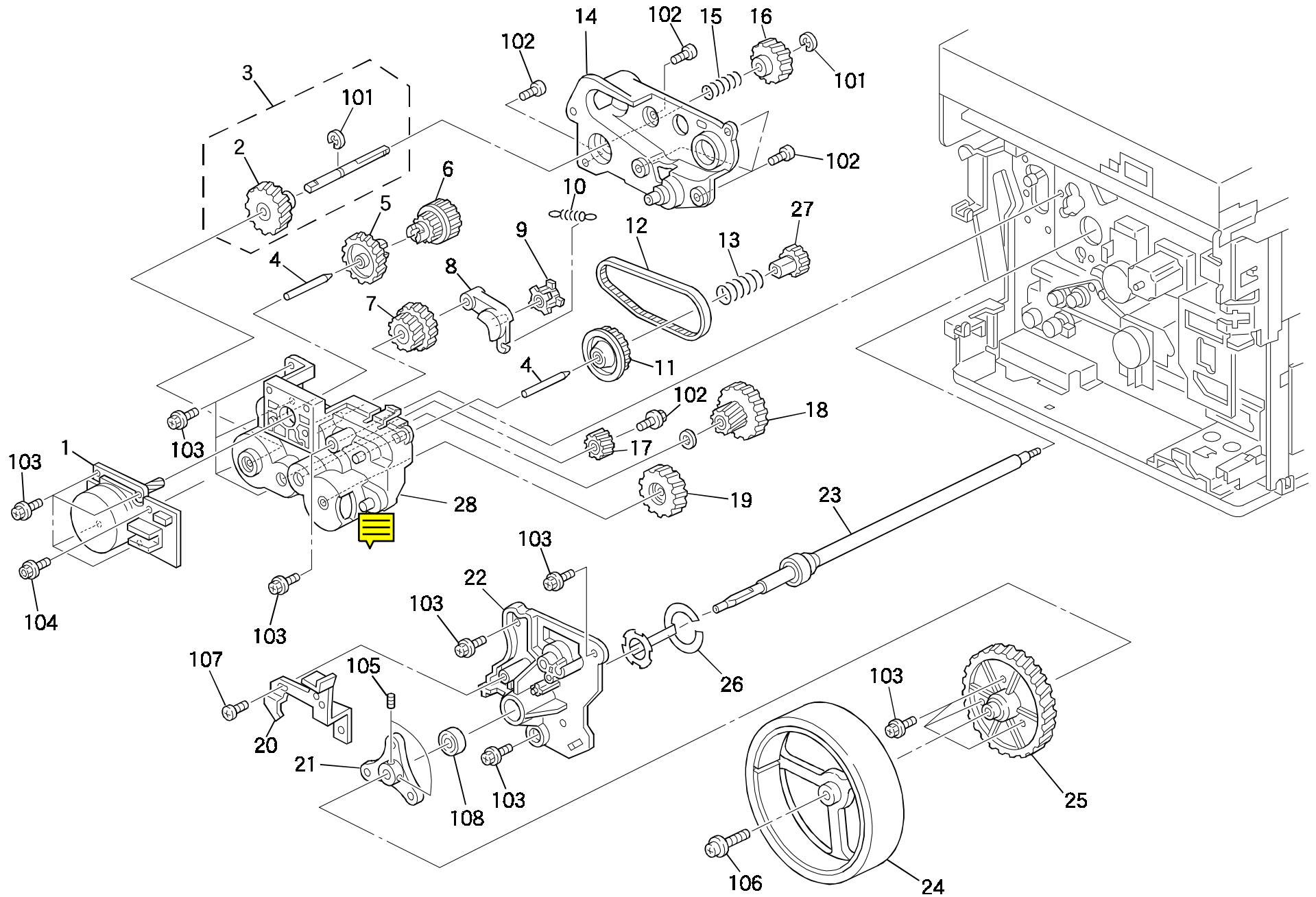


29. SWEEPER (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA06 0631	Spring - Release - Scraper	1
2	A166 6436	Lubricant Support Plate	1
3	A166 3184	Collection Knob	1
4	A166 3198	Toner Collection Bottle	1
5	5442 3664	Toner Collection Bottle Cap - Small	1
6	A166 3195	Toner Collection Guide	1
7	A166 6462	Lubricant Pressure Bracket	1
8	A166 1078	Right Stay	1
9	A166 6422	Lubricant Holder	1
10	AA10 0009	Ring Stopper	2
11	AX12 0043	DC Solenoid	1
12	A166 6150	Bushing	2
13	A109 6425	Brush Roller Spacer	2
14	A166 6431	Lubricant Brush	1
15	AB01 3979	Gear	1
16	AG07 0004	Magnetic Catch	1
17	A109 6430	Lubricant Bar	1
18	A166 6425	Lever Guide Sheet	1
19	A166 6472	Link Solenoid	1
20	AA06 0630	Spring	1
21	A166 6473	Pressure Plate	1
22	A109 6348	Lever Cushion	1
23	A109 6415	Lever Spring	1
24	A166 6427	Spring	2
25	AA14 3025	Stepped Screw - M3	1
26	A166 6428	Spacer - Lubricant Bar	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0434 0060B	Philips Tapping Screw - M4x6	
102	0453 4010B	Tapping Bind Screw - M4x10	
103	0805 3385	Bushing - 6mm	
104	0720 0030B	Retaining Ring - M3	

30. DRIVE SECTION 1 (A187/189)

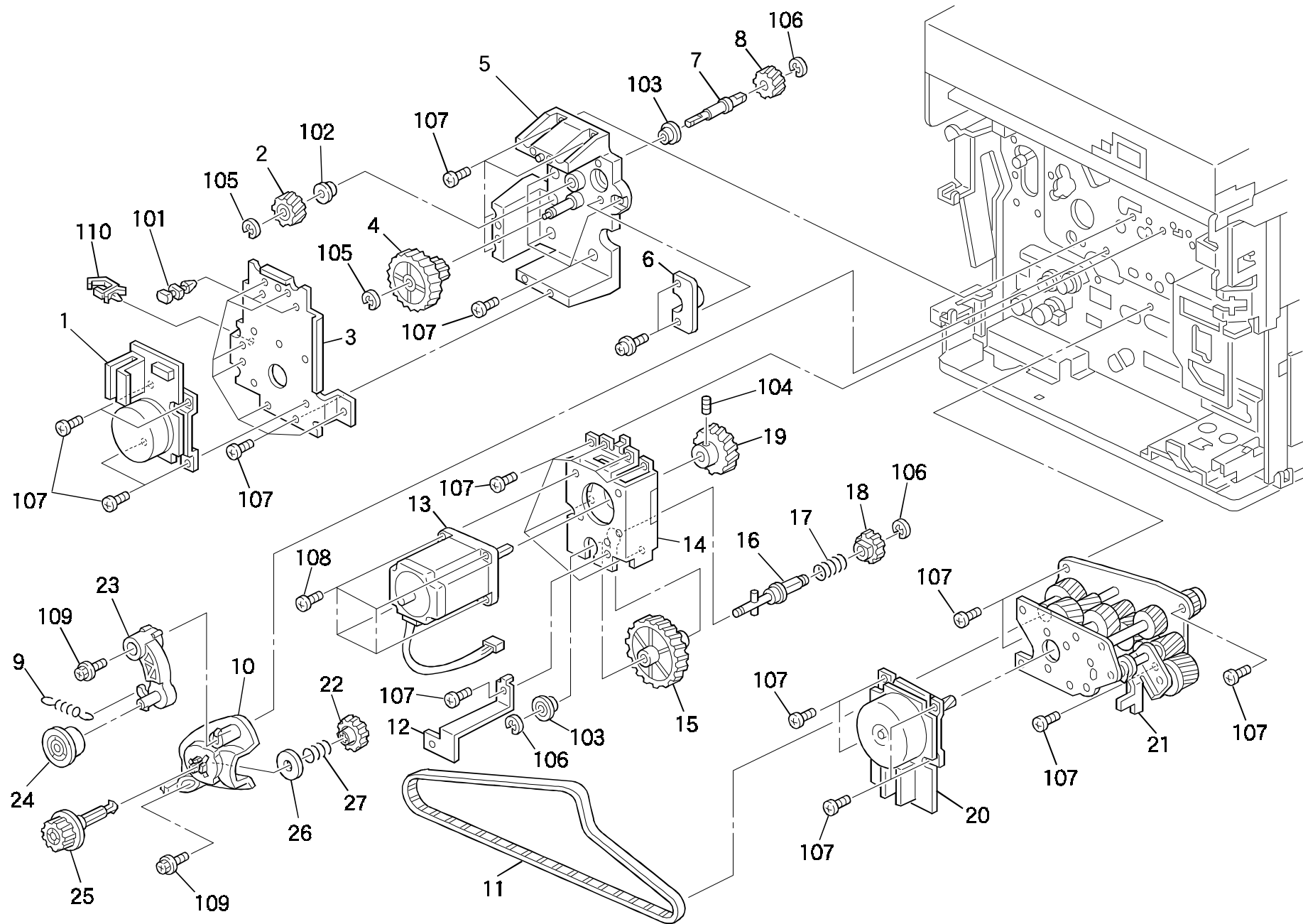


30. DRIVE SECTION 1 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AX05 0093	Motor - DC24V 9W	1
2	AB01 3961	Gear - 40Z	1
3	A166 2385	Drive Shaft - Transfer Unit	1
4	AA14 5253	Shaft - 4x46	2
5	AB01 0200	Gear - 27Z	1
6	AB01 7403	Gear - 25Z/24Z	1
7	AB01 7402	Gear - 31Z/72Z	1
8	A166 2361	Tightner Arm	1
9	AB03 0388	Pulley - 16Z	1
10	AA06 0634	Spring - Tightener	1
11	AB03 0526	Pulley - 45Z	1
12	A166 2364	Timing Belt - B40S3M318	1
13	AA06 3535	Spring	1
14	A166 2355	Drum Drive Support Plate	1
15	AA06 3534	Spring	1
16	AB01 3960	Gear - 30Z	1
17	AB01 3962	Gear - 20Z	1
18	AB01 7401	Gear - 20Z/60Z	1
19	AB01 3958	Gear - 40Z	1
20	A166 2266	Grounding Wire	1
21	AA13 4099	Bushing	1
22	A166 2261	Drum Shaft Holder	1
23	AD01 5016	Drum Shaft Ass'y	1
24	A166 2401	Fly Wheel - 200	1
25	AB01 3957	Gear - 80Z	1
26	A166 2296	Drum Joint Shaft	1
27	AB01 3980	Gear - 17Z	1
28	A166 2350	Drum Drive Housing	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0060B	Retaining Ring - M6	
102	0452 4010B	Tapping Bind Screw - M4x10	
103	0451 4008B	Philips Tapping Screw - M4x8	
104	0443 0060B	Hexagon Tapping Screw - M3x6	
105	0574 0060E	Hexagon Headless Set Screw - M4x6	
106	0951 5014W	Philips Screw W/h Flat Washer-M5x14	
107	0452 3008B	Tapping Screw - M3x8	
108	0805 3491	Bearing - 10X26X9	

31. DRIVE SECTION 2 (A187/189)

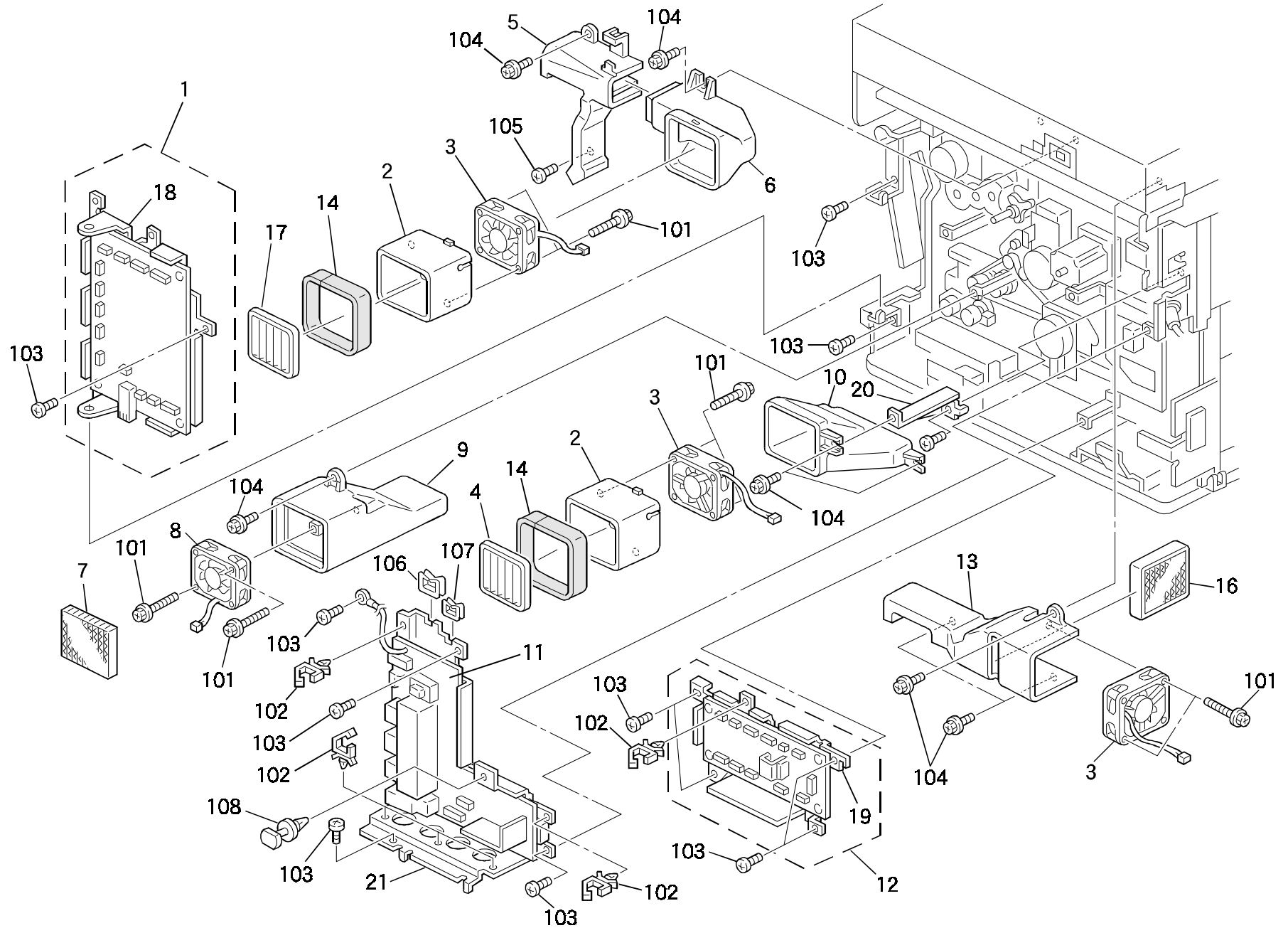


31. DRIVE SECTION 2 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AX06 0116	Motor - DC24V 20W	1
2	AB01 3953	Gear	1
3	A166 3374	Development Drive Bracket	1
4	AB01 7387	Gear - 14Z/96Z	1
5	A166 3372	Drive Support Plate - Development	1
6	A166 3412	Spacer	1
7	AA14 5249	Development Drive Shaft	1
8	AB01 3952	Gear	1
9	AA06 0633	Tension Spring - Tightener	1
10	A166 1121	Support Plate	1
11	A166 1131	Timing Belt - BS3M549	1
12	A166 5935	Upper Holder - I/O Control Board 2	1
13	AX06 0117	Motor - DC24V 4A	1
14	A166 3390	Development Revolver Bracket	1
15	AB01 3955	Gear	1
16	A166 3391	Hopper Drive Shaft	1
17	C400 2671	Gear Spring	1
18	AB01 3954	Gear	1
19	AB01 3956	Gear	1
20	AX06 0131	Motor - DC24V 38W	1
21	A187 1101	Drive Unit - Main	1
22	AB01 3959	Gear - 20Z	1
23	A166 1126	Tightner Arm	1
24	AB03 0276	Tightener Pulley	1
25	AB03 0525	Pulley - 24Z	1
26	A166 1124	Thrust Ring	1
27	AA06 3533	Spring	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0421	Card Spacer - Mps-06-0	
102	0805 3482	Ball Bearing - 8x14x3.5	
103	0805 3497	Bushing - 8x12x3.5mm	
104	0575 0080E	Hexagon Headless Set Screw - M5x8	
105	0720 0040B	Retaining Ring - M4	
106	0720 0060B	Retaining Ring - M6	
107	0434 0060B	Philips Tapping Screw - M4x6	
108	0453 4010B	Tapping Bind Screw - M4x10	
109	0451 4008B	Philips Tapping Screw - M4x8	
110	1105 0310	Wire Clamp	

32. ELECTRICAL SECTION 1 (A187/189)

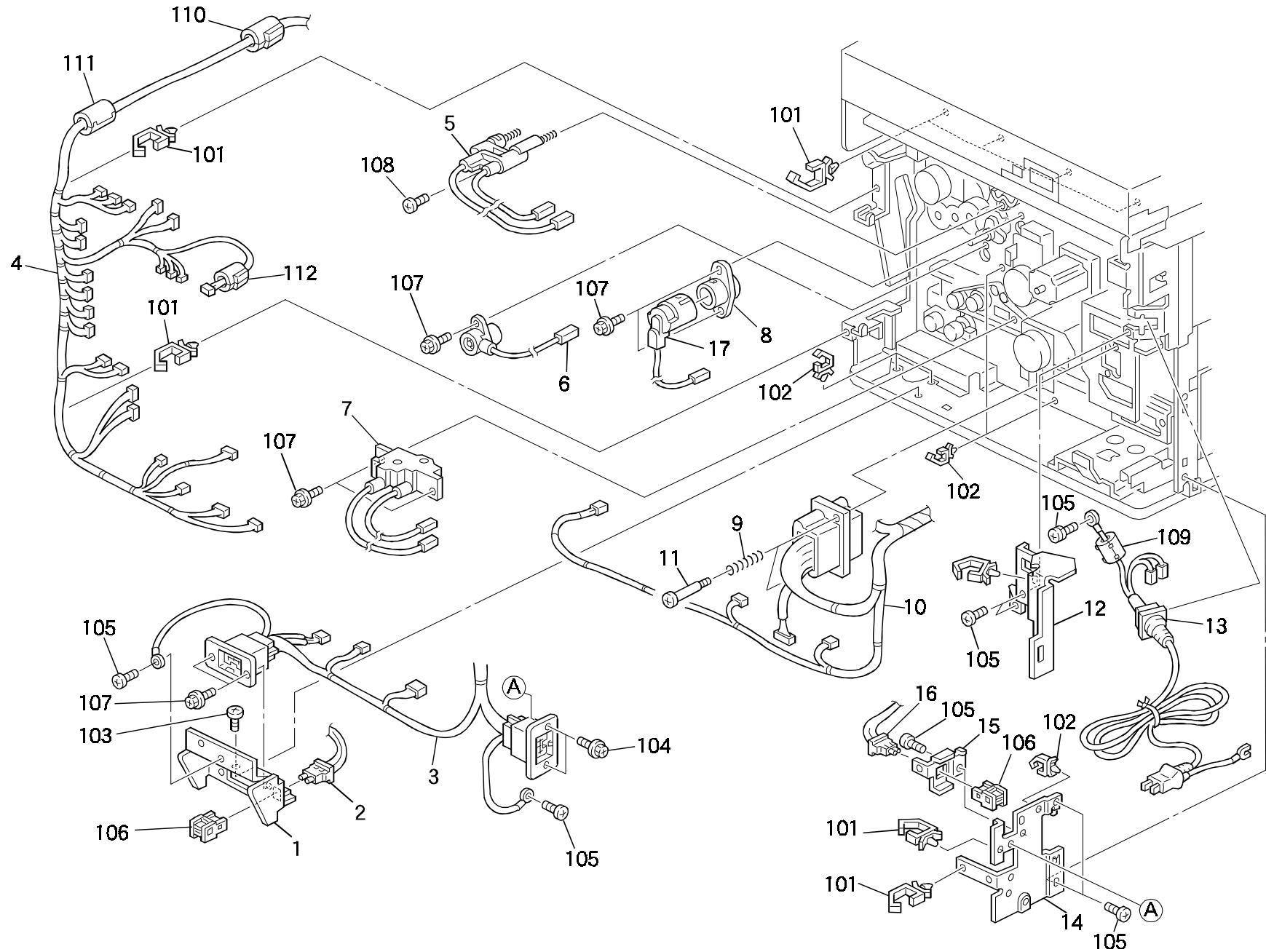


32. ELECTRICAL SECTION 1 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A187 5368	I/O Control Board 1	1
2	A166 1175	Outer Duct - Charge Unit	2
3	AX64 0071	Fan Motor - DC24V 0.17A	3
4	AA01 2092	Dust Filter	1
5	A166 2281	Duct - Charge Corona	1
6	A166 1174	Inner Duct - Charge Unit	1
7	AA01 0089	Ozone Filter	1
8	AX64 0070	Fan Motor - DC24V 0.14A	1
9	A166 1176	Inner Duct - Transfer	1
10	A166 1183	Inner Duct - Fusing	1
11	A166 5395	Power Pack	1
12	A187 5369	I/O Control Board 2	1
13	A166 1173	OPC Duct	1
14	AA15 3023	Seal	2
15	A166 5927	Grounding Plate	1
16	AA01 0093	Ozone Filter	1
17	AA01 2098	Dust Filter	1
18	A187 5921	Bracket - I/O Control Board 1	1
19	A166 5931	Bracket - I/O Control Board 2	1
20	A166 1172	Duct Bracket - Fusing	1
21	A166 5938	Power Pack Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 4035B	Philips Tapping Screw - M4x35	
102	1105 0310	Wire Clamp	
103	0434 0060B	Philips Tapping Screw - M4x6	
104	0451 4008B	Philips Tapping Screw - M4x8	
105	0453 4010B	Tapping Bind Screw - M4x10	
106	1105 0243	Wire Saddle	
107	1105 0328	Harness Clamp - ES-0505	
108	1105 0399	Card Spacer - Mps-10-0	

33. ELECTRICAL SECTION 2 (A187/189)

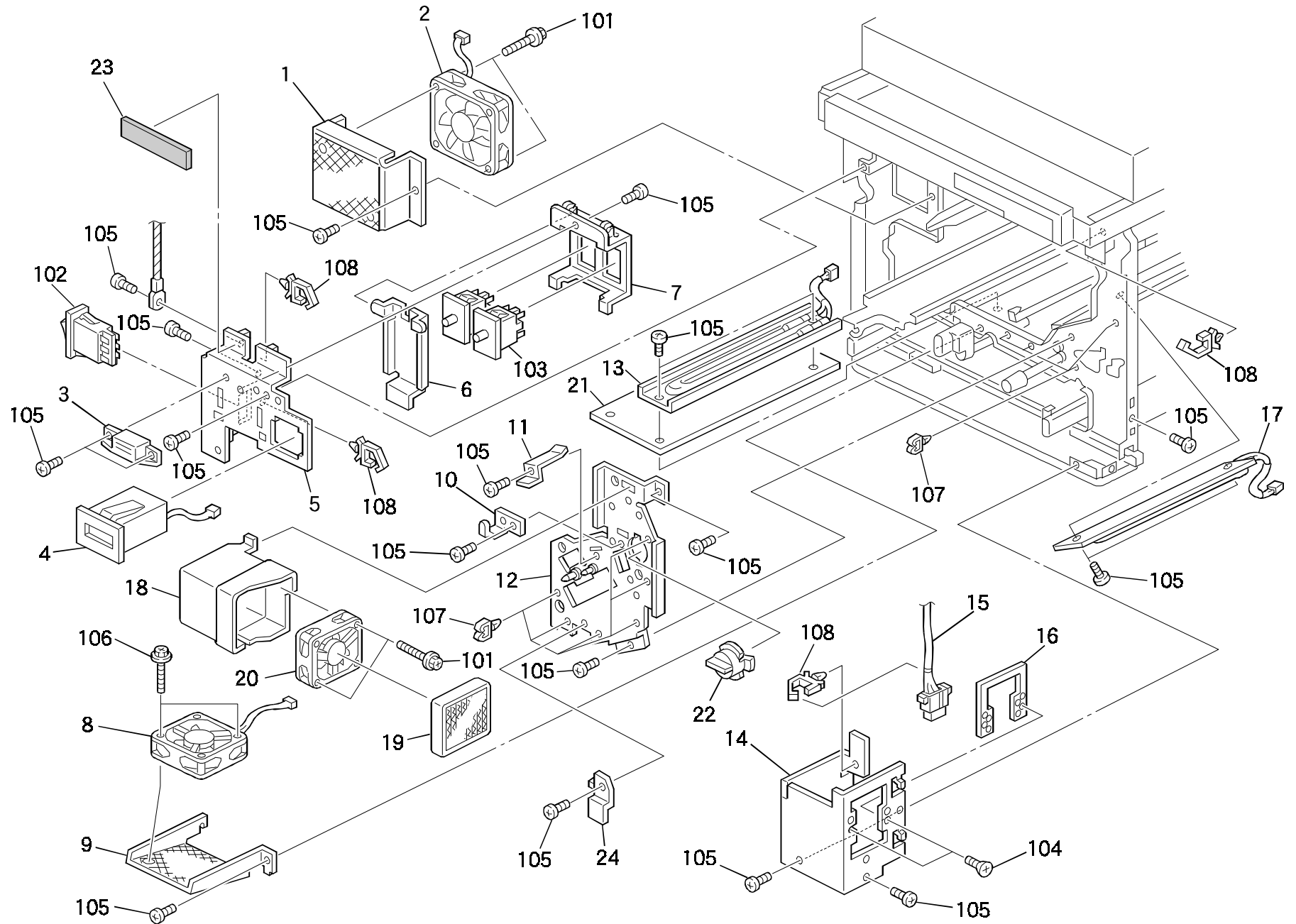


33. ELECTRICAL SECTION 2 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 5961	Connector Bracket - Cassette Bank	1
2	AW03 0039	Optical Fiber - 75 700mm	1
3	A166 5612	Rear Left Harness (115V)	1
3	A187 5612	Rear Left Harness (230V)	1
4	A166 5632	Rear Right DC Harness (115V)	1
4	A187 5632	Rear Right DC Harness (230V)	1
5	A166 2271	Receptacle - Chgarge Corona	1
6	AD02 1117	Transfer Corona Receptacle - Belt	1
7	AD02 1116	Transfer Corona Receptacle	1
8	A166 3363	Bias Terminal	1
9	AA06 3068	Spring Connector	2
10	A166 5631	AC Harness	1
11	5446 5832	Connector Guide Pin	2
12	A166 5952	Power Cord Cover	1
13	A166 5560	Power Supply Cord - 120V	1
13	A166 5561	Power Supply Cord - 230V	1
14	A166 5955	Sorter Connector Bracket	1
15	A166 5956	Optical Fiber Bracket	1
16	AW03 0069	Optical Fiber - 75 1200mm	1
17	A166 3400	Development Bias Terminal	1
18	AA06 3532	Spring	1
19	AA14 3452	Stepped Screw	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0316	Clamp	
102	1105 0310	Wire Clamp	
103	0434 0060B	Philips Tapping Screw - M4x6	
104	0443 0060B	Hexagon Tapping Screw - M3x6	
105	0801 0149	Philips Pan Head Screw - M4x6	
106	1102 4052	Optional Connector	
107	0451 4008B	Philips Tapping Screw - M4x8	
108	0452 3008B	Tapping Screw - M3x8	
109	1607 0317	Ferrite Core - ESD-R-19	
110	1607 0623	Ferrite Core - TFC-16-8-13 (230V)	
111	1607 0672	Ferrite Core (230V)	
112	1607 0663	Ferrite Core - TFC-20-10-10 (230V)	

34. ELECTRICAL SECTION 3 (A187/189)

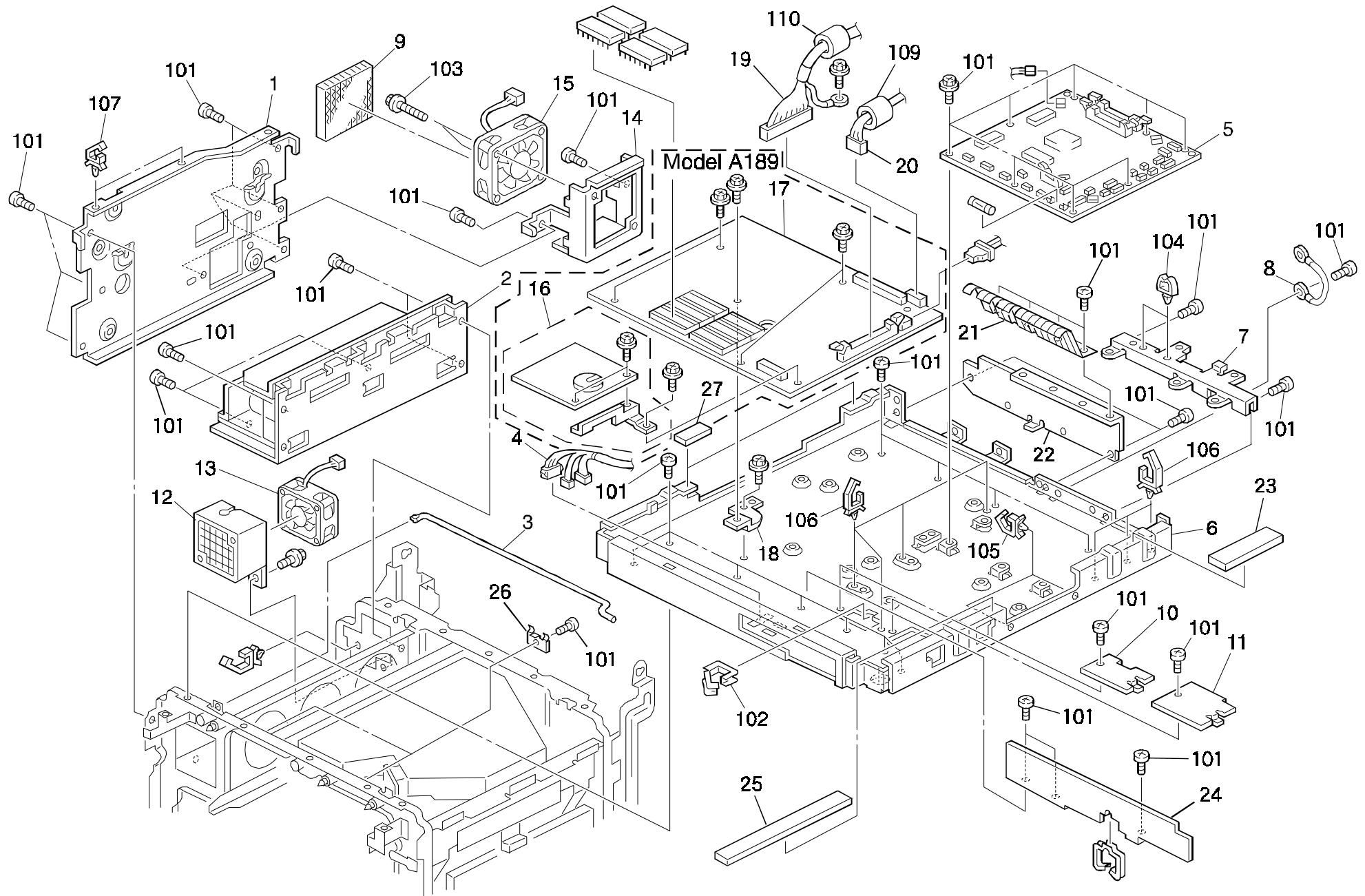


34. ELECTRICAL SECTION 3 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 1182	Power Unit Duct	1
2	AX64 0065	Fan Motor - DC24V .08A	1
3	AG07 0004	Magnetic Catch	1
4	A166 9099	Main Counter	1
5	A166 5941	Switch Bracket	1
6	A166 5943	Safety Switch Release Lever	1
7	A166 5942	Safety Switch Bracket	1
8	AX64 0065	Fan Motor - DC24V .08A	1
9	A166 1178	Fan Motor Bracket	1
10	A166 6535	Collection Bottle Holder	1
11	A166 6142	Stopper Bracket	1
12	A166 6070	Transfer Unit Guide Plate	1
13	AX40 0021	Anti-condensation Heater-115V 18W	1
13	AX40 0022	Anti-condensation Heater - 240V 18W	1
14	A166 5967	Key Counter Bracket	1
15	A166 5659	Key Counter Harness	1
16	5420 1515	Plate - Key Counter	1
17	AX40 0063	Anticondensation Heater - 120V9W	1
17	AX40 0064	Anti Condensation Heater - 230V9W	1
18	A166 1181	Front Right Duct	1
19	AA01 0092	Ozone Filter	1
20	AX64 0065	Fan Motor - DC24V .08A	1
21	A187 4625	Heat Sink	1
22	A166 6120	Transfer Belt Unit Cap	1
23	AA15 3030	Seal	1
24	A166 6260	Plate - Paper Transfer	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 4035B	Philips Tapping Screw - M4x35	
102	1204 1545	Main Switch	
103	1204 2437	Interlock Switch	
104	0323 0080B	Philips Sunk Screw - M3x8	
105	0434 0060B	Philips Tapping Screw - M4x6	
106	0451 4030B	Philips Tapping Screw - M4x30	
107	1105 0199	Clamp	
108	1105 0291	Wire Saddle	

35. ELECTRICAL SECTION 4 (A187/189)

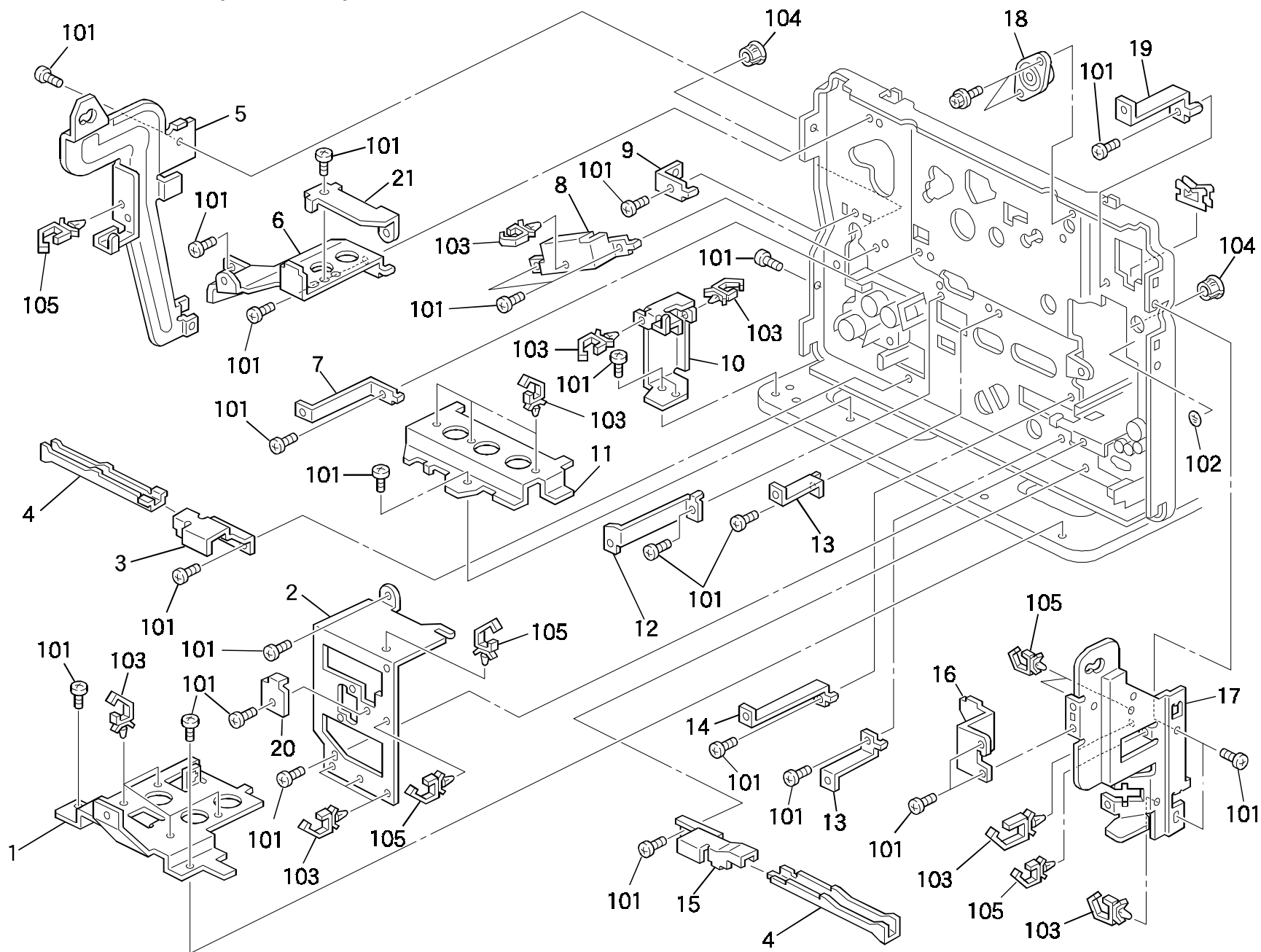


35. ELECTRICAL SECTION 4 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 1083	Sorter Stay	1
2	AZ24 0030	DC Power Supply Unit - 115V	1
2	AZ24 0035	DC Power Supply Unit - 230V	1
3	A166 5891	SCU Release Rod	1
4	A166 5646	Front DC Harness	1
5	A189 5363	Main Control Board	1
6	A166 5870	SCU Base	1
7	A166 5881	Board Bracket	1
8	A166 5722	Grounding Harness	1
9	AA01 0095	Ozone Filter	1
10	A166 5877	LD Cover - Synchronizing	1
11	A166 5879	SCU Fan Cover	1
12	A166 5976	Fan Motor Bracket	1
13	AX64 0074	Fan Motor - DC24V 0.08A	1
14	A166 5979	Exit Fan Motor Bracket	1
15	AX64 0066	Fan Motor - DC24V 0.04A	1
16	A166 5253	Memory Board (A189)	1
17	A189 5260	SCU Board - Edit (115V)(A189)	1
17	A189 5240	SCU Board - Edit (RIC/INF)(230V)(A189)	1
17	A189 5250	SCU Board - Edit (NRG)(230V)(A189)	1
18	A166 5978	SCU Board Bracket	1
19	A187 5695	Harness - SCSI - EU	1
20	A187 5634	Harness - DC Quenching - SCU - EU	1
21	A166 5985	Rear Grounding Plate - SCU	1
22	A166 5984	Shielding Plate	1
23	A166 5994	Rear Scanner Seal	1
24	A166 5986	Shielding Plate	1
25	A166 5993	Front Scanner Seal	1
26	A166 5992	Grounding Plate	2
27	A166 5995	Shield - Scanner - Left Lower	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0443 0060B	Hexagon Tapping Screw - M3x6	
102	1105 0334	Edge - 17	
103	0451 4030B	Philips Tapping Screw - M4x30	
104	1105 0199	Clamp	
105	1105 0291	Wire Saddle	
106	1105 0316	Clamp	
107	1105 0310	Wire Clamp	
108	1107 0745	Fuse - 1A 250V	
109	1607 0663	Ferrite Core - TFC-20-10-10	
110	1607 0672	Ferrite Core	

36. FRAME SECTION 1 (A187/189)

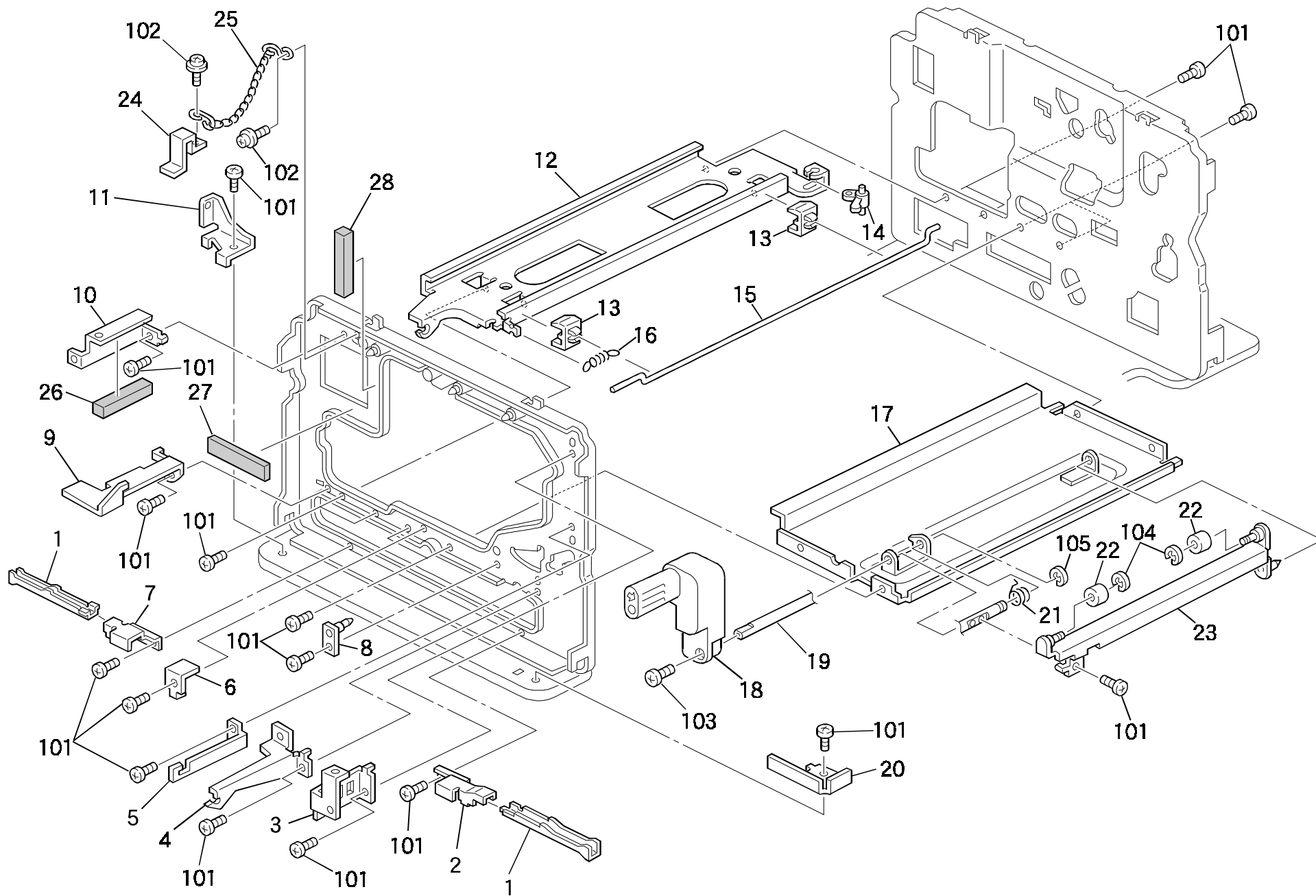


36. FRAME SECTION 1 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 5957	Left Grip Cover	1
2	A166 4148	Connector Bracket - Fusing	1
3	A134 1072	Right Bracket - Grip Plate	1
4	A134 1071	Left Grip Plate	2
5	A166 5924	SCU Right Release Arm	1
6	A166 5971	Right Hinge Bracket	1
7	A166 5926	Holder - I/O Control Board 1	1
8	A166 5959	Rear Right Harness Guide	1
9	A166 1357	Right Middle Cover Bracket	1
10	A166 5925	Hinge - I/O Control Board 1	1
11	A166 5958	Right Grip Cover	1
12	A166 1177	Duct Bracket - Transfer	1
13	A166 5939	Power Pack Holder	2
14	A166 5937	Lower Holder - I/O Control Board 2	1
15	A134 1073	Left Bracket - Grip Plate	1
16	A166 5970	Left Hinge Bracket	1
17	A166 5951	Left Release Arm - Scanner	1
18	A166 3420	Rear Release Holder	1
19	A166 5935	Upper Holder - I/O Control Board 2	1
20	A166 4094	Stopper (230V)	1
21	A166 5973	Grounding Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0434 0060B	Philips Tapping Screw - M4x6	
102	1005 0335	Earth Mark	
103	1105 0310	Wire Clamp	
104	1106 0458	Bushing - 9.9mm	
105	1105 0292	Wire Saddle	

37. FRAME SECTION 2 (A187/189)

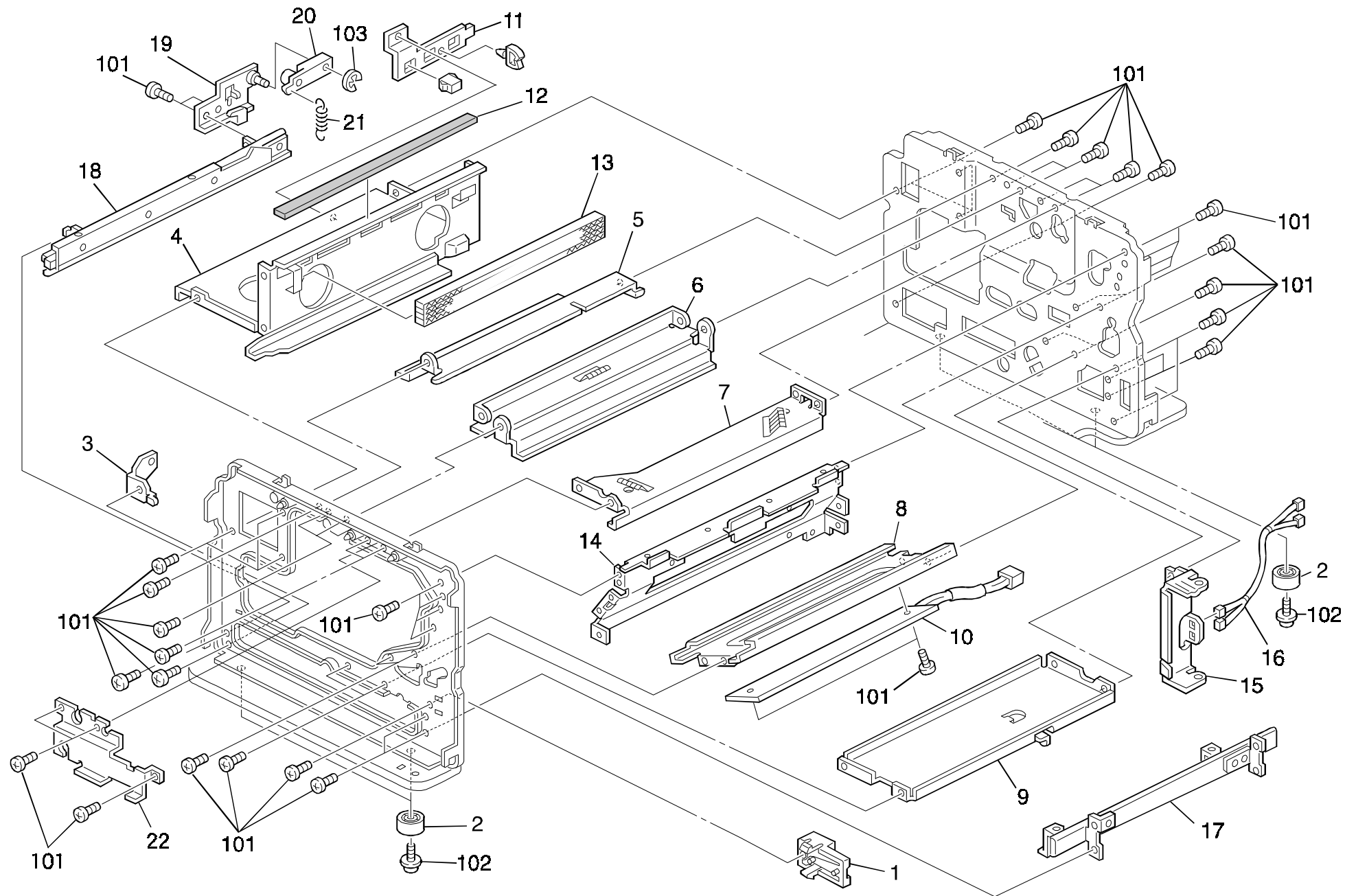


37. FRAME SECTION 2 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A134 1071	Left Grip Plate	2
2	A134 1073	Left Bracket - Grip Plate	1
3	A166 5962	Connector Bracket - Cleaner	1
4	A166 1354	Cover Hinge - Front Right	1
5	A166 1353	Front Stopper Bracket	1
6	A166 3929	Positioning Plate	1
7	A134 1072	Right Bracket - Grip Plate	1
8	A166 3935	Positioning Shaft Support Plate	1
9	A166 4285	Fusing Unit Lever	1
10	A166 5946	Switch Bracket	1
11	A166 1355	Front Right Lower Bracket	1
12	A166 4280	Fusing Unit Rail	1
13	A166 4296	Rod Holder	2
14	A166 4295	Drive Release Link	1
15	A166 4292	Drive Release Rod	1
16	AA06 0635	Spring - Release	1
17	A166 1091	Lower Transfer Stay	1
18	A166 3925	Transport Misfeed Knob	1
19	A166 3928	Front Positioning Shaft	1
20	A166 5968	Key Counter Fixing Bracket	1
21	AA06 6272	Spring	1
22	A069 2704	Guide Roller - 6x12x7.5	2
23	A166 3920	Release Plate - Transfer Tank	1
24	A166 3194	Stopper Chain	1
25	A166 6118	Transfer Belt Unit Release Knob	1
26	AA15 3029	Seal	1
27	AA15 3027	Seal	1
28	AA15 3028	Seal	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0434 0060B	Philips Tapping Screw - M4x6	
102	0952 4006B	Screw - Small Round - M4x6	
103	0453 4010B	Tapping Bind Screw - M4x10	
104	0720 0040B	Retaining Ring - M4	
105	0720 0060B	Retaining Ring - M6	

38. FRAME SECTION 3 (A187/189)



38. FRAME SECTION 3 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A166 2712	Lock Holder	1
2	AH01 0007	Rubber Foot	4
3	A166 1356	Front Left Lower Bracket	1
4	A166 1084	DC Drive Stay	1
5	A166 1082	Upper Development Rail	1
6	A166 1076	Left Stay	1
7	A166 2250	Drum Rail	1
8	A166 6101	Paper Tray Rail	1
9	A157 1087	Middle Stay	1
10	AX40 0063	Anticondensation Heater - 120V9W	1
10	AX40 0064	Anti Condensation Heater - 230V9W	1
11	A166 5982	Exit Fan Harness Guide	1
12	AA15 3025	Seal	1
13	AA01 0094	Ozone Filter	1
14	A166 1078	Right Stay	1
15	A166 2694	Hinge Bracket	1
16	A166 5635	Relay Harness - Vertical Transport	1
17	A134 4901	Duplex Right Rail	1
18	A134 2921	Left Slide Rail	1
19	A134 2926	Paper Feed Lock Bracket	1
20	A096 6266	Tray Lock Arm	1
21	AA06 0534	Tray Lock Spring - 19mm	1
22	A166 5988	LD Shielding Plate - Front	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0434 0060B	Philips Tapping Screw - M4x6	
102	0960 4010B	Philips Flange Screw - M4 X 10	
103	0720 0040E	Retaining Ring - M4	

39. SCANNER MOTOR CONTROL BOARD (A187/189)

CAPACITOR

SYMBOL NO.	INDEX NO.
C106	116
C107	116
C108	116
C109	116
C110	116
C111	116
C112	116
C113	116
C114	116
C115	116

SYMBOL NO.	INDEX NO.
C116	117
C117	118
C118	117
C119	117
C120	117
C121	117
C122	117
C123	113
C124	115
C125	114

SYMBOL NO.	INDEX NO.
C127	114

CONNECTOR

SYMBOL NO.	INDEX NO.
CN610	104
CN611	102
CN612	103

DIODE

SYMBOL NO.	INDEX NO.
D101	105

IC

SYMBOL NO.	INDEX NO.
IC101	109
IC102	108
IC103	107
IC104	106
IC105	106

L

SYMBOL NO.	INDEX NO.
L101	112
L102	112
L103	112

RAY

SYMBOL NO.	INDEX NO.
RAY101	111
RAY102	111

RASISTOR

SYMBOL NO.	INDEX NO.
R101	110
R102	110
R103	119
R104	119
R105	119
R106	119
R107	119
R108	119
R109	119
R110	119

SYMBOL NO.	INDEX NO.
R111	119
R112	119
R113	121
R114	122
R115	122
R116	120
R117	120

TP

SYMBOL NO.	INDEX NO.
TP103	101

39. SCANNER MOTOR CONTROL BOARD (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A166 1777	Scanner Motor Control Board	1
1	A109 5159	Heat Sink	1
2	A166 1778	Motor Control Board Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1101 0328	Connector Pin Contact	
102	1102 1119	Pin Connector - 5p	
103	1102 4212	CT Header - 15p	
104	1102 5304	Connector - 5p	
105	1402 1205	IC - RL102F	
106	1407 1970	TTLIC - SN74LS07N	
107	1407 4235	IC - SLA5011 LF802	
108	1407 4236	IC - SLA5012 LF802	
109	1408 1013	IC - Si - 7501	
110	1600 1669	Resistor - 1.0 Ω $\pm$ 5% 5W	
111	1601 7508	Resistor Array - 4.7 K Ω	
112	1602 7077	Capacitor - 270PF $\pm$ 10% 50V	
113	1604 1387	Capacitor - 220 μ F 50V	
114	1604 1993	Capacitor - 100 μ F 25V	
115	1604 2166	Capacitor - 100 μ F 50V $\pm$ 20%	
116	1605 0258	Capacitor - 15P	
117	1605 0636	Capacitor - 0.1 μ F	
118	1606 1135	Capacitor - 470PF 50V	
119	1630 3101	Resistor - 100 Ω - 1/10W	
120	1630 3102	Resistor - 1K Ω 1/10W $\pm$ 5%	
121	1630 3103	Resistor - 10K Ω 1/10W $\pm$ 5%	
122	1630 3202	Resistor - 2K Ω -1/10W	

40. SYSTEM CONTROL BOARD (A187)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C1	162	----	----	C21	163	C31	163	C41	163	----	----	C81	165
C2	162	C12	140	C22	163	C32	163	C43	140	----	----	C82	165
C3	138	----	----	C23	163	C33	163	C49	140	----	----	C83	165
C4	139	----	----	C24	163	C34	163	C50	140	----	----	C84	165
----	----	----	----	C25	163	C35	163	C52	140	C75	140	C85	165
C6	161	----	----	C26	163	C36	163	C62	140	C76	142	C86	165
C7	162	----	----	C27	163	C37	163	C63	140	C77	140	C87	165
----	----	C18	163	C28	163	C38	163	C64	140	C78	142	C88	165
C9	168	C19	163	C29	163	C39	163	C66	140	C79	140	C89	165
C10	162	C20	163	C30	163	C40	163	----	----	C80	140	C90	164

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C91	165	C101	140	C111	163	C121	140	C131	140	C141	140	CN351	107
C92	140	C102	140	C112	163	C122	140	C132	140	C142	140	CN352	103
----	----	C103	140	C113	163	C123	140	C133	140	C143	140	CN353	2
C94	140	C104	140	C114	140	C124	141	C134	140	C144	140	CN354	106
----	----	C105	140	C115	140	C125	163	C135	140	C145	140	CN355	104
C96	140	C106	140	C116	140	C126	163	C136	140	C146	140	CN358	3
----	----	----	----	C117	140	C127	140	C137	140	----	----	CN359	102
C98	140	C108	140	C118	140	C128	140	----	----	----	----	CN360	108
C99	140	C109	140	C119	141	C129	140	C139	140	----	----	CN361	105
C100	140	----	----	C120	140	C130	140	C140	140	----	----	----	----

CONNECTOR

DA

SYMBOL NO.	INDEX NO.
DA1	117

DIODE

SYMBOL NO.	INDEX NO.
D5	116
D6	116

F

SYMBOL NO.	INDEX NO.
F1	111
F1	167

IC

SYMBOL NO.	INDEX NO.
IC5	128
IC6	4
IC16	1
IC17	8
IC18	131
IC19	129
IC20	7
IC22	124
IC23	124
IC24	127

SYMBOL NO.	INDEX NO.
IC26	123
IC27	119
IC28	119
IC29	119
IC30	123
IC31	122
IC32	120
IC34	121
IC35	130
IC36	166

SYMBOL NO.	INDEX NO.
IC37	166
IC38	166
IC39	166
IC40	5
IC40	6
(SOCKET)	109
IC41	-----
(SOCKET)	109
IC42	125
IC43	126

SYMBOL NO.	INDEX NO.
IC44	118

JP

SYMBOL NO.	INDEX NO.
JP3	158
JP6	158
JP11	158
JP15	158
JP18	158
JP19	158
JP20	158

RESISTOR

SYMBOL NO.	INDEX NO.
R1	154
R6	153
R7	153
R8	153
R9	153
R10	153
R11	153
R12	153
R13	153
-----	-----

SYMBOL NO.	INDEX NO.
-----	-----
R22	147
R23	147
R24	147
R25	147
R26	147
R27	147
R28	147
R29	147
R30	147

SYMBOL NO.	INDEX NO.
R31	155
R32	147
R33	147
R34	147
R35	147
R36	147
R37	155
R38	155
R39	147
-----	-----

SYMBOL NO.	INDEX NO.
-----	-----
-----	-----
-----	-----
R44	150
R45	147
R46	147
R47	147
R48	147
R49	144
R50	147

SYMBOL NO.	INDEX NO.
R51	147
R52	147
R53	147
R54	147
R55	147
R56	147
R57	147
R58	155
R59	157
R60	157

SYMBOL NO.	INDEX NO.
R61	156
R62	155
R63	155
R64	155
-----	-----
R66	148
R67	148
R68	155
R69	155
R70	148

40. SYSTEM CONTROL BOARD (A187)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R71	148	R81	144	----	----	R101	147	R111	147	R121	159	R131	145
R72	143	R82	144	----	----	R102	147	R112	147	R122	160	R132	152
R73	149	R83	144	----	----	R103	147	R113	147	R123	151	R133	152
R74	144	R84	144	----	----	R104	147	R114	155	R124	155	R134	155
R75	144	R85	156	R95	147	R105	147	R115	149	R125	145	R135	147
R76	144	R86	156	R96	147	R106	155	R116	152	R126	147	R136	147
R77	144	R87	156	R97	147	R107	147	R117	144	R127	145	R137	155
R78	144	R88	156	R98	147	R108	147	R118	152	R128	152	R138	155
R79	144	----	----	R99	147	R109	147	R119	155	R129	152	R139	155
R80	144	----	----	R100	147	R110	147	R120	155	R130	145	R140	155

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R141	155	R151	144	R161	144	R171	152	R181	152	R191	155	R201	155
R142	155	R152	144	R162	144	R172	152	R182	155	R192	155	R202	155
R143	155	R153	144	R163	144	R173	152	R183	155	R193	155	R203	155
R144	155	R154	144	R164	144	R174	152	R184	155	R194	155	R204	155
R145	147	R155	144	R165	152	----	----	R185	155	R195	155	R205	155
R146	147	R156	144	R166	152	----	----	R186	155	R196	155	R206	146
R147	155	R157	144	R167	149	R177	152	R187	155	R197	155	R207	155
R148	147	R158	144	R168	152	R178	152	R188	155	R198	155	R208	155
R149	144	R159	144	R169	152	R179	152	R189	155	R199	151	R209	151
R150	144	R160	144	----	----	R180	152	R190	155	R200	151	R210	155

40. SYSTEM CONTROL BOARD (A187)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R171	166	R181	163	R191	163	R201	169	R215	166	R225	176	R240	166
R172	166	R182	163	R192	163	R202	169	R216	166	R226	176	R241	166
R173	166	R183	163	R193	163	R203	169	R217	166	R227	177	R242	166
R174	166	R184	163	R194	163	R204	178	R218	166	R228	176	R243	166
R175	166	R185	163	R195	166	R205	178	R219	166	R229	176	R244	176
R176	166	R186	163	R196	177	R206	162	R220	166	R230	160	R245	176
R177	176	R187	163	R197	177	R207	166	R221	166	R236	176	R246	166
R178	176	R188	163	R198	177	R208	166	R222	166	R237	176	R247	176
R179	163	R189	163	R199	177	R209	166	R223	176	R238	176	R248	172
R180	163	R190	163	R200	169	R210	166	R224	176	R239	176	R249	173

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R250	176	R260	173	R270	166	R280	166	R294	176	R304	176	R314	166
R251	176	R261	173	R271	166	R281	166	R295	176	R305	176	R315	173
R252	172	R262	173	R272	166	R282	166	R296	176	R306	176	R316	173
R253	176	R263	173	R273	166	R283	166	R297	165	R307	176	R317	173
R254	176	R264	173	R274	166	R284	166	R298	172	R308	176	R318	173
R255	176	R265	173	R275	166	R285	166	R299	176	R309	176	R319	175
R256	176	R266	173	R276	166	R290	176	R300	176	R310	176	R320	166
R257	173	R267	166	R277	176	R291	176	R301	165	R311	166	R323	171
R258	173	R268	166	R278	166	R292	173	R302	176	R312	166	R325	166
R259	173	R269	166	R279	166	R293	176	R303	176	R313	166	R327	166

40. SYSTEM CONTROL BOARD (A187)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A187 5268	SCU Board (115V)	1
*	A187 5258	SCU Board (NRG)(230V)	1
*	A187 5251	SCU Board (RIC/INF)(230V)	1
1	A166 5270	IC - UPD65641-AZ	1
2	A166 5273	Connector - LMSA-9204B2-20204B-T	1
3	A166 5274	Connector - LMSA-9204B2-20204B-T	1
4	A166 5277	IC - ACC2036	1
5	A187 5275	IC - SYSTEM CONTROL	1
6	1905 0025	UVEPROM 4M X16 120NS	1
7	A166 5286	IC - M38802M2-V105	1
8	A700 5106	IC - PI	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 3597	Pin Header - 4p	
102	1102 4203	Ct Header - 4p	
103	1102 5306	Connector - 7p	
104	1102 5375	Connector - 50p	
105	1102 5718	Optical Fiber Connector	
106	1102 6295	Connector - 2p	
107	1102 7127	Connector - 100p	
108	1102 7196	Connector - 50p	
109	1104 0612	Connector - 40p	
110	1104 0683	Socket - IMSA-9206H-GF	
111	1107 0747	Fuse - 1.6A 250V	
112	1204 1228	Switch	
113	1204 1543	Dip Switch	
114	1204 2152	Dip Switch	
115	1402 0688	Diode	
116	1402 0804	Silicon Diode - 45V - 0.3A	
117	1402 1271	Diode - EA20QC04-F	
118	1407 2187	TTLIC - SN74LS07NS	
119	1407 2879	CMOS ACT373	
120	1407 3257	Cmosic - TC74HC14AF	
121	1407 3722	IC - TC74ACT04F	
122	1407 3723	IC - TC74ACT08F	
123	1407 3728	IC - TC74ACT244F	
124	1407 3729	IC - TC74ACT245F	
125	1407 3852	IC - MB89371AH	
126	1407 3987	IC - TC74ACT32F	
127	1407 4114	IC - SN751177	
128	1407 4248	IC - NG80386SX-20	
129	1407 4347	IC - SYM53CF96-2-100QPF	
130	1408 0611	IC - 3771	
131	1408 1202	IC - BH9590FP-Y	
132	1503 0418	Crystal Oscillator - 4.9152Mhz	
133	1503 0638	Oscillator - EX0-8f 40.000Mhz	
134	1503 0639	Oscillator - EX0-8f 32.000 Mhz	
135	1503 0640	Oscillator - MSD-49 16.0Mhz	

41. SYSTEM CONTROL BOARD (A189)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C3	188	C14	156	C24	192	C34	194	C44	156	C54	156	C71	191
C4	187	C15	156	C25	192	C35	157	C45	156	C55	193	C72	191
C6	187	C16	190	C26	192	C36	193	C46	194	C56	191	C73	191
C7	187	C17	156	C27	192	C37	156	C47	194	C57	156	C75	156
C8	187	C18	192	C28	192	C38	194	C48	156	C58	156	C76	156
C9	184	C19	192	C29	156	C39	194	C49	156	C59	156	C77	156
C10	183	C20	192	C30	156	C40	194	C50	193	C66	156	C78	156
C11	186	C21	192	C31	157	C41	194	C51	190	C67	190	C79	194
C12	185	C22	192	C32	194	C42	194	C52	193	C68	193	C80	194
C13	185	C23	192	C33	194	C43	156	C53	190	C69	190	C81	194

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C82	156	C103	193	C116	191	C126	190	C142	193	C159	156	CN366	108
C83	156	C104	156	C117	191	C127	156	C143	190	C160	156	CN367	107
C84	156	C105	190	C118	191	C131	156	C151	156	C161	156	CN367	112
C91	190	C106	189	C119	191	C132	191	C152	156	C162	156	CN369	111
C92	193	C107	189	C120	191	C133	191	C153	156	C164	156	CN370	109
C93	194	C111	194	C121	191	C134	191	C154	191	C165	156	CN371	110
C94	156	C112	156	C122	191	C135	191	C155	191	C166	156	CN372	103
C95	190	C113	194	C123	191	C139	190	C156	156	C167	156	CN373	105
C101	194	C114	194	C124	191	C140	193	C157	156	C168	156	CN374	106
C102	156	C115	194	C125	191	C141	156	C158	156			CN375	104

CONNECTOR

DA

SYMBOL NO.	INDEX NO.
DA1	128
DA2	126
DA3	125

DIODE

SYMBOL NO.	INDEX NO.
D4	127
D5	127
D6	127
D8	127

FIL

SYMBOL NO.	INDEX NO.
FIL1	159
FIL2	159
FIL5	159
FIL6	160

FUSE

SYMBOL NO.	INDEX NO.
F1 (F1)	116 113

IC

SYMBOL NO.	INDEX NO.
IC1	149
IC2	141
IC3	2
IC6	5
	114
IC7	6
	114
IC8	7
	114
IC9	8
	114

SYMBOL NO.	INDEX NO.
IC10	114
IC11	114
IC14	1
IC15	4
IC16	140
IC17	144
IC18	195
IC19	143
IC20	145
IC21	146

SYMBOL NO.	INDEX NO.
IC22	146
IC23	146
IC24	146
IC25	146
IC26	146
IC27	148
IC28	3
IC29	132
IC30	134
IC31	147

SYMBOL NO.	INDEX NO.
IC32	138
IC33	139
IC34	130
IC35	129
IC36	131
IC37	131
IC38	131
IC39	135
IC41	142
IC42	133

IC

SYMBOL NO.	INDEX NO.
IC43	136
IC44	135
IC45	136
IC46	137
IC47	139
IC48	130
IC49	134

JP

SYMBOL NO.	INDEX NO.
JP5	180
JP17	180
JP19	180
JP22	180
JP24	180
JP27	180
JP32	180
JP33	180
JP34	180

L

SYMBOL NO.	INDEX NO.
L1	179
L2	158

Q

SYMBOL NO.	INDEX NO.
Q1	120
Q2	121
Q3	122
Q4	123

RESISTOR

SYMBOL NO.	INDEX NO.
R1	166
R2	166
R3	166
R4	166
R5	166
R6	166
R7	166
R8	166
R9	166
R10	166

SYMBOL NO.	INDEX NO.
R11	166
R12	166
R13	166
R14	166
R15	166
R16	166
R17	166
R18	166
R19	166
R20	166

SYMBOL NO.	INDEX NO.
R21	166
R22	166
R23	166
R24	166
R25	166
R26	166
R27	166
R28	166
R29	166
R30	166

41. SYSTEM CONTROL BOARD (A189)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R31	166	R41	173	R51	166	R61	166	R71	166	R81	173	R91	176
R32	173	R42	173	R52	166	R62	166	R72	166	R82	173	R92	176
R33	173	R43	164	R53	166	R63	166	R73	166	R83	173	R93	176
R34	173	R44	171	R54	181	R64	165	R74	166	R84	173	R94	176
R35	173	R45	164	R55	182	R65	166	R75	166	R85	173	R95	173
R36	173	R46	176	R56	166	R66	166	R76	166	R86	173	R96	173
R37	173	R47	164	R57	166	R67	166	R77	173	R87	173	R97	----
R38	173	R48	166	R58	166	R68	166	R78	173	R88	165	R98	----
R39	173	R49	161	R59	166	R69	166	R79	173	R89	176	R99	173
R40	173	R50	168	R60	166	R70	166	R80	173	R90	176	R100	173

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R101	176	R111	176	R121	173	R131	173	R141	173	R151	173	R161	176
R102	176	R112	172	R122	173	R132	173	R142	173	R152	173	R162	176
R103	176	R113	173	R123	173	R133	173	R143	173	R153	173	R163	176
R104	176	R114	173	R124	173	R134	173	R144	167	R154	173	R164	176
R105	176	R115	173	R125	173	R135	173	R145	173	R155	173	R165	173
R106	166	R116	173	R126	173	R136	173	R146	173	R156	173	R166	173
R107	166	R117	173	R127	173	R137	173	R147	173	R157	173	R167	170
R108	166	R118	173	R128	173	R138	173	R148	173	R158	166	R168	163
R109	166	R119	173	R129	173	R139	173	R149	167	R159	176	R169	170
R110	176	R120	173	R130	173	R140	173	R150	173	R160	176	R170	166

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R171	166	R181	163	R191	163	R201	169	R215	166	R225	176	R240	166
R172	166	R182	163	R192	163	R202	169	R216	166	R226	176	R241	166
R173	166	R183	163	R193	163	R203	169	R217	166	R227	177	R242	166
R174	166	R184	163	R194	163	R204	178	R218	166	R228	176	R243	166
R175	166	R185	163	R195	166	R205	178	R219	166	R229	176	R244	176
R176	166	R186	163	R196	177	R206	162	R220	166	R230	160	R245	176
R177	176	R187	163	R197	177	R207	166	R221	166	R236	176	R246	166
R178	176	R188	163	R198	177	R208	166	R222	166	R237	176	R247	176
R179	163	R189	163	R199	177	R209	166	R223	176	R238	176	R248	172
R180	163	R190	163	R200	169	R210	166	R224	176	R239	176	R249	173

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R250	176	R260	173	R270	166	R280	166	R294	176	R304	176	R314	166
R251	176	R261	173	R271	166	R281	166	R295	176	R305	176	R315	173
R252	172	R262	173	R272	166	R282	166	R296	176	R306	176	R316	173
R253	176	R263	173	R273	166	R283	166	R297	165	R307	176	R317	173
R254	176	R264	173	R274	166	R284	166	R298	172	R308	176	R318	173
R255	176	R265	173	R275	166	R285	166	R299	176	R309	176	R319	175
R256	176	R266	173	R276	166	R290	176	R300	176	R310	176	R320	166
R257	173	R267	166	R277	176	R291	176	R301	165	R311	166	R323	171
R258	173	R268	166	R278	166	R292	173	R302	176	R312	166	R325	166
R259	173	R269	166	R279	166	R293	176	R303	176	R313	166	R327	166

41. SYSTEM CONTROL BOARD (A189)

RESISTOR

SYMBOL NO.	INDEX NO.
R328	166
R330	163
R331	171
R332	162
R333	174
R334	164
R335	164

SW

SYMBOL NO.	INDEX NO.
SW1	118
SW2	117
SW5	119

XTL

SYMBOL NO.	INDEX NO.
XTL1	152
XTL2	155
XTL3	151
XTL4	154
XTL5	153
XTL6	150

ZD

SYMBOL NO.	INDEX NO.
ZD1	124

41. SYSTEM CONTROL BOARD (A189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A189 5240	SCU Board - Edit (RIC/INF)(230V)	1
*	A189 5260	SCU Board - Edit (115V)	1
*	A189 5250	SCU Board - Edit (NRG)(230V)	1
1	A166 5270	IC - UPD65641-AZ	1
2	A166 5286	IC - M38802M2-V105	1
3	A172 1553	Editor Display	1
4	A700 5106	IC - PI	1
5	A189 5291	EPROM - System Control (LT)	1
6	A189 5292	EPROM - System Control (LT)	1
7	A189 5293	EPROM - System Control (LT)	1
8	A189 5294	EPROM - System Control (LT)	1
9	A189 5281	EPROM - System Control (A189 NRG)(A4)	1
10	A189 5282	EPROM - System Control (A189 NRG)(A4)	1
11	A189 5283	EPROM - System Control (A189 NRG)(A4)	1
12	A189 5284	EPROM - System Control (A189 NRG)(A4)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1407 4658	MPU M37451E4P OTPROM	
102	1102 3597	Pin Header - 4p	
103	1102 4203	Ct Header - 4p	
104	1102 5306	Connector - 7p	
105	1102 5375	Connector - 50p	
106	1102 5718	Optical Fiber Connector	
107	1102 6295	Connector - 2p	
108	1102 7127	Connector - 100p	
109	1102 7196	Connector - 50p	
110	1102 7273	Connector - 22p	
111	1102 7274	Connector - 18p	
112	1102 7275	Connector - 15p	
113	1104 0307	Fuse Holder	
114	1104 0612	Connector - 40p	
115	1104 0683	Socket - IMSA-9206H-GF	
116	1107 0747	Fuse (glass Case) - 1.6A - 250V	
117	1204 1228	Switch	
118	1204 1543	Dip Switch	
119	1204 2152	Dip Switch	
120	1400 0369	Transistor - 2sa1213y	
121	1400 0517	Resistor - FN1L4M	
122	1400 0519	Resistor - FA1L4M	
123	1400 0560	Transistor - 2sa1369	
124	1401 0694	Zener Diode - Rd6.8fb	
125	1401 0826	D 1SS181 85V 100MA	
126	1402 0476	Diode - 1SS184	
127	1402 0804	Silicon Diode - 45V - 0.3A	
128	1402 1271	Diode - EA20QC04-F	
129	1407 1783	IC - 74LS02	
130	1407 2187	TTLIC - SN74LS07NS	
131	1407 2879	IC - 74ACT373SJ-CMOS FATE	
132	1407 3257	Cmosic - Tc74hc14af	
133	1407 3722	IC - TC74ACT04F	
134	1407 3723	IC - TC74ACT08F	
135	1407 3728	IC - TC74ACT244F	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1407 3729	IC - TC74ACT245F	
137	1407 3852	IC - MB89371AH	
138	1407 3974	IC - TC74AC02F	
139	1407 3987	IC - TC74ACT32F	
140	1407 4114	IC - SN751177	
141	1407 4347	IC - SYM53CF96-2-100QPF	
142	1407 4483	IC - TC74ACT00F	
143	1407 4520	IC - F65510	
144	1407 4584	IC - NG803865X-25	
145	1407 4600	IC - ACC2036SD-25	
146	1407 4607	IC - 16M X 1670NS	
147	1408 0611	IC - 3771	
148	1408 0923	IC - RH5VL40C	
149	1408 1202	Scsi Active Terminator -bh9595fp-y	
150	1503 0418	Crystal Oscillator - 4.9152mhz	
151	1503 0558	Oscillator - 50.00m Hz	
152	1503 0638	Oscillator - Ex0-8f 40.000mhz	
153	1503 0640	Oscillator - Msd-49 16.0mhz	
154	1503 0641	Oscillator - Smd-49 14.31818mhz	
155	1503 0642	Oscillator - Msd-49 9.8304mhz	
156	1605 0632	Capacitor - 0.1μF +80 -20%	
157	1605 0853	Condensor - 1μF +80/20% 16v	
158	1607 0524	Capacitor - BLM31B601SPB	
159	1607 0781	Ferrite Fuse	
160	1607 0882	Filter - Acb2012m-080	
161	1630 1101	Resistor - 100 Ω 1/4W ±5%	
162	1630 1121	Resistor - 120Ω±5% 1/8W	
163	1630 3100	Resistor - 10 Ω ±5% 1/10W	
164	1630 3101	Resistor - 100Ω - 1/10W	
165	1630 3102	Resistor - 1KΩ 1/10W ±5%	
166	1630 3103	Resistor - 10KΩ 1/10W ±5%	
167	1630 3104	Resistor - 100K Ω 1/10W ±5%	
168	1630 3153	Resistor - 15K Ω ±5% 1/10W	
169	1630 3154	Resistor - 150K 0HM ±5% 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
170	1630 3205	Resistor - 2M Ω ±5% 1/10W	
171	1630 3222	Resistor - 2.2KΩ 1/10W ±5%	
172	1630 3301	Resistor - 300 Ω ±5% 1/10W	
173	1630 3330	Resistor - 33 Ω ±5% 1/10W	
174	1630 3391	Resistor - 390Ω 1/10W ±5%	
175	1630 3471	Resistor - 470Ω - 1/10W	
176	1630 3472	Resistor - 4.7KΩ 1/10W ±5%	
177	1630 3473	Resistor - 47KΩ 1/10W ±5%	
178	1630 3752	Resistor - 7.5K Ω ±5% 1/10W	
179	1632 0000	Resistor - 0 Ω 1/8W	
180	1633 0000	Resistor - 0Ω 1/10W:JAMPER CHIP	
181	1633 3901	Resistor - 3.9 Ω ±1% 1/10W	
182	1633 9101	Resistor - 9.1K Ω 1/10W	
183	1640 1471	Capacitor - 470μF±20% 16V	
184	1642 2470	Capacitor - 47μF ±20% 25V	
185	1642 2479	Capacitor - 4.7μF ±20% 25V	
186	1643 1100	Capacitor - 10μF ±20% 16V	
187	1643 1470	Capacitor - 47μF ±20% 16v	
188	1644 5229	Capacitor - 2.2 μF ±20% 50V	
189	1660 1100	Capacitor - 10PF 50V	
190	1660 3102	Capacitor - 1000PF ±5% 50V	
191	1660 3220	Capacitor - 122PF ±5% 50V	
192	1660 3470	Capacitor - 47PF ±5% 50V	
193	1660 3471	Capacitor - 470PF 50V	
194	1660 9104	C - 0.1μF 25v	
195	1901 0030	IC - DRAM 4M 256KX16 80NS G5	

42. IPU BOARD (A187)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C1	200	C11	201	C21	206	C31	207	C41	207	C51	212	C61	212
C2	200	C12	207	C22	206	C32	206	C42	206	C52	212	C62	212
C3	162	C13	206	C23	207	C33	207	C43	207	C53	211	C63	212
C4	203	C14	206	C24	207	C34	206	C44	204	----	----	C64	212
C5	203	C15	206	C25	206	C35	207	C45	200	----	----	C65	212
C6	201	C16	200	C26	206	C36	207	C46	202	C56	212	C66	212
C7	201	C17	206	C27	207	C37	206	C47	200	C57	212	----	----
C8	201	C18	206	C28	207	C38	207	C48	204	C58	212	C68	212
C9	201	C19	207	C29	206	C39	206	C49	161	C59	212	C69	212
C10	201	C20	207	C30	207	C40	207	C50	212	C60	212	C70	212

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C71	212	C81	212	C91	212	C101	211	C111	212	C121	212	C131	212
C72	212	C82	209	C92	212	C102	212	C112	212	C122	212	C132	212
C73	212	C83	209	C93	212	C103	163	C113	212	C123	212	C133	212
C74	212	C84	212	C94	212	C104	212	C114	212	C124	212	C134	212
C75	212	C85	212	C95	212	C105	212	C115	212	C125	212	C135	212
C76	212	C86	212	C96	212	C106	212	C116	212	C126	212	C136	212
C77	212	C87	212	C97	212	C107	212	C117	212	C127	212	C137	208
C78	212	C88	212	C98	212	C108	212	C118	212	C128	212	C138	212
C79	212	C89	211	C99	212	C109	212	C119	212	C129	212	C139	212
C80	212	C90	212	C100	212	C110	212	C120	212	C130	212	C140	211

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C141	212	C151	208	C161	212	C171	208	C181	211	C191	212	C201	212
C142	211	C152	212	C162	212	C172	208	C182	208	C192	212	C202	212
C143	212	C153	212	C163	212	C173	208	C183	211	C193	212	C203	212
C144	208	C154	211	C164	208	C174	211	C184	212	C194	212	C204	212
C145	212	C155	212	C165	208	C175	208	----	----	C195	212	C205	212
C146	212	C156	211	C166	208	C176	211	----	----	C196	212	C206	212
C147	211	C157	212	C167	211	C177	212	----	----	C197	212	C207	212
C148	212	C158	211	C168	208	C178	208	----	----	C198	212	C208	212
C149	211	C159	212	C169	211	C179	208	----	----	C199	212	C209	211
C150	212	C160	212	C170	212	C180	208	C190	212	C200	212	C210	211

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C211	211	C221	212	C231	212	C241	211	C251	212	C261	211	C271	212
C212	212	C222	212	C232	212	C242	212	C252	212	C262	211	C272	212
C213	212	C223	212	C233	212	C243	212	C253	212	C263	211	C273	212
C214	212	C224	212	C234	212	C244	212	C254	212	C264	211	C274	212
C215	212	C225	212	C235	212	C245	212	C255	211	C265	211	C275	204
C216	212	C226	212	C236	212	C246	212	C256	211	C266	211	C276	212
C217	212	C227	211	C237	212	C247	212	C257	211	C267	211	C277	212
C218	212	C228	212	C238	211	C248	212	C258	211	C268	212	C278	212
C219	212	C229	212	C239	210	C249	212	C259	211	C269	212	C279	212
C220	212	C230	212	C240	210	C250	212	C260	211	C270	212	C280	212

42. IPU BOARD (A187)

CAPACITOR

SYMBOL NO.	INDEX NO.
C901	164
C902	164
C903	205

CONNECTOR

SYMBOL NO.	INDEX NO.
CN401	118
CN402	114
CN403	116
CN404	119
CN410	117
CN420	105
CN421	106
CN422	104
CN423	107
CN424	110

SYMBOL NO.	INDEX NO.
CN425	106
CN426	111
CN427	103
CN428	103
CN431	115
CN432	112
CN440	109
CN441	113
CN442	108

DA

SYMBOL NO.	INDEX NO.
DA1	125
DA2	125
DA3	125
DA4	125
DA5	125
DA6	125
DA7	125
DA8	125
DA9	125
DA10	125

SYMBOL NO.	INDEX NO.
DA11	125
DA12	125
DA13	125

DL

SYMBOL NO.	INDEX NO.
DL1	17

IC

SYMBOL NO.	INDEX NO.
IC1	143
IC2	148
IC3	3
IC4	3
IC5	18
IC6	13
IC7	148
IC8	2
IC9	11
IC10	3

FIL

SYMBOL NO.	INDEX NO.
FIL1	160

IC

SYMBOL NO.	INDEX NO.
IC11	4
IC12	143
IC13	143
IC14	148
IC15	143
IC16	143
IC17	152
IC18	144
IC19	144
IC20	144

SYMBOL NO.	INDEX NO.
IC21	148
IC22	12
IC23	143
IC24	142
IC25	1
IC26	1
IC27	1
IC28	148
IC29	143
IC30	148

SYMBOL NO.	INDEX NO.
IC31	148
IC32	148
IC33	143
IC34	9
IC35	143
IC36	10
IC37	214
IC38	143
IC39	143
IC40	11

SYMBOL NO.	INDEX NO.
IC41	3
IC42	213
IC43	213
IC44	11
IC45	11
IC46	3
IC47	3
IC48	14
IC49	5
IC50	145

SYMBOL NO.	INDEX NO.
IC51	146
IC52	153
IC53	7
(SOCKET)	120
IC54	132
IC55	132
IC56	134
IC57	131
IC58	132
IC59	136
IC60	132

SYMBOL NO.	INDEX NO.
IC61	137
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IC63	139
IC64	139
IC65	137
IC66	136
IC67	136
IC68	136
IC69	136
IC70	139

SYMBOL NO.	INDEX NO.
IC71	151
IC72	139
IC73	133
IC74	140
IC75	133
IC76	141
IC77	141
IC78	141
-----	-----
IC80	139

IC

SYMBOL NO.	INDEX NO.
IC81	150
-----	-----
IC83	131
IC84	130
IC85	131
IC86	134
IC87	133
IC88	133
IC89	138
IC90	128

JP

SYMBOL NO.	INDEX NO.
JP1	187
JP2	187
JP4	187
JP5	187
JP6	187
JP7	187
JP8	187
JP9	187

LED

SYMBOL NO.	INDEX NO.
LED1	127
LED5	127

Q

SYMBOL NO.	INDEX NO.
Q1	123
Q2	123
Q3	123
Q4	123
Q5	123
Q6	123
Q7	123
Q8	123
Q9	123
Q10	123

L

SYMBOL NO.	INDEX NO.
L1	167
L2	167
L3	167
L16	165
L17	166
L18	166

RESISTOR

SYMBOL NO.	INDEX NO.
R7	181
R11	181
R13	178
R14	182
R15	172
R16	172
-----	-----
R18	182
R19	172
R20	172

SYMBOL NO.	INDEX NO.
R21	172
R22	172
R23	172
R24	172
R25	172
R26	172
R27	172
R28	172
R29	172
R30	172

SYMBOL NO.	INDEX NO.
R31	172
R32	172
R33	182
R34	182
R35	182
R36	182
R37	182
R38	182
R39	182
R40	182

SYMBOL NO.	INDEX NO.
R41	182
R42	182
R43	182
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SYMBOL NO.	INDEX NO.
R51	174
R52	174
R53	174
R54	174
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-----	-----
R57	174
R58	174
R59	174
R60	174

SYMBOL NO.	INDEX NO.
R61	174
R62	174
R63	174
R64	174
R65	174
R66	174
R67	174
R68	174
R69	176
R70	169

SYMBOL NO.	INDEX NO.
R71	182
R72	182
R73	182
R74	182
R75	182
R76	182
-----	-----
R78	174
R79	174
R80	174

42. IPU BOARD (A187)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R81	174	----	----	R121	182	----	----	R141	180	R151	181	R161	173
R82	174	----	----	R122	182	R132	181	R142	180	R152	175	R162	170
R83	174	----	----	R123	182	R133	181	R143	172	R153	174	R163	173
R84	174	----	----	----	----	----	----	R144	172	R154	178	R164	170
R85	174	R115	169	----	----	R135	180	R145	178	R155	170	R165	173
R86	172	R116	176	R126	174	R136	180	R146	178	R156	176	R166	170
R87	174	R117	172	R127	174	R137	182	R147	178	R157	170	R167	173
R88	172	R118	178	R128	174	R138	182	R148	178	R158	170	R168	170
R89	174	R119	182	R129	174	R139	180	R149	178	R159	173	R169	173
R90	174	R120	182	R130	174	R140	180	R150	178	R160	170	R170	180

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R171	180	R181	170	R191	184	R201	170	R211	170	R221	192	R231	197
R172	178	R182	184	R192	176	R202	171	R212	180	R222	184	R232	171
R173	178	R183	173	R193	173	R203	197	R213	182	R223	170	R233	179
R174	172	R184	170	R194	176	R204	171	R214	176	R224	180	R234	170
R175	172	R185	173	R195	194	R205	179	R215	170	R225	170	R235	192
R176	172	R186	170	R196	196	R206	170	R216	171	R226	180	R236	184
R177	172	R187	173	R197	170	R207	192	R217	197	R227	182	R237	170
R178	173	R188	170	R198	184	R208	184	R218	171	R228	176	R238	180
R179	170	R189	173	R199	182	R209	170	R219	179	R229	170	R239	170
R180	173	R190	170	R200	176	R210	180	R220	170	R230	171	R240	180

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R241	182	R251	172	R261	172	R271	182	R281	180	R291	168	R301	182
R242	179	R252	193	R262	172	R272	171	R282	171	R292	168	R302	182
R243	171	R253	172	R263	172	R273	179	R283	197	R293	168	R303	182
----	----	R254	172	R264	172	R274	172	R284	180	R294	171	R304	182
R245	182	R255	179	R265	193	R275	172	R285	197	R295	170	R305	183
R246	171	R256	171	R266	172	R276	172	R286	180	R296	184	R306	183
R247	179	----	----	R267	172	R277	172	R287	197	R297	191	R307	183
R248	172	R258	182	R268	179	R278	193	R288	172	R298	198	R308	183
R249	172	R259	171	R269	171	R279	172	R289	171	R299	182	R309	183
R250	172	R260	179	----	----	R280	172	R290	172	R300	182	R310	183

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R311	183	R321	171	R331	178	R341	171	R351	178	R361	170	R371	177
R312	183	R322	171	R332	178	R342	171	R352	178	R362	182	R372	182
R313	178	R323	171	R333	178	R343	171	R353	178	R363	177	R373	177
R314	178	R324	171	R334	178	R344	178	R354	178	R364	182	R374	182
R315	178	R325	171	R335	178	R345	178	R355	171	R365	178	R375	177
R316	178	R326	171	R336	178	R346	182	R356	189	R366	177	R376	182
R317	178	R327	171	R337	178	R347	177	R357	189	R367	178	R377	177
R318	178	R328	171	R338	178	R348	178	R358	178	R368	182	R378	190
R319	178	R329	171	R339	171	R349	178	R359	171	R369	177	R379	195
R320	178	R330	171	R340	171	R350	178	R360	199	R370	182	R380	172

42. IPU BOARD (A187)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R381	172	R391	172	R401	172	R411	174	R421	172	R431	172	R441	172
R382	172	R392	172	R402	172	R412	174	R422	172	R432	172	R442	172
R383	172	R393	172	R403	172	R413	174	R423	172	R433	172	R443	172
R384	172	R394	172	R404	172	R414	172	R424	172	R434	172	R444	172
R385	172	R395	172	R405	172	R415	172	R425	172	R435	172	R445	172
R386	172	R396	172	R406	181	R416	172	R426	172	R436	172	R446	172
R387	172	R397	172	R407	174	R417	172	R427	172	R437	172	R447	174
R388	172	R398	172	R408	174	R418	172	R428	172	R438	172	R448	174
R389	181	R399	172	R409	174	R419	172	R429	172	R439	172	R449	183
R390	172	R400	172	R410	174	R420	172	R430	172	R440	172	R450	183

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R451	183	R461	171	R471	184	R481	174	R491	184	R501	184	R511	184
R452	183	R462	184	R472	184	R482	174	R492	184	R502	172	R512	184
R453	183	R463	184	R473	184	R483	174	R493	184	R503	178	R513	184
R454	183	R464	184	R474	184	R484	172	R494	184	R504	177	R514	184
R455	183	R465	184	R475	184	R485	172	R495	184	R505	172	R515	184
R456	183	R466	184	R476	184	R486	184	R496	184	R506	158	R516	184
R457	172	R467	184	R477	184	R487	184	R497	184	R507	158	R517	184
R458	172	R468	184	R478	178	R488	184	R498	184	R508	184	R518	184
R459	171	R469	184	R479	183	R489	184	R499	184	R509	184	R519	184
R460	171	R470	184	R480	183	R490	184	R500	184	R510	184	R520	184

42. IPU BOARD (A187)

RESISTOR

SYMBOL NO.	INDEX NO.
R521	184
R522	184
R523	184
R524	171
R525	171
R526	181
R527	188
R528	194
R529	178
R530	172

SYMBOL NO.	INDEX NO.
R531	172
R901	157

SW

SYMBOL NO.	INDEX NO.
SW1	121

TP

SYMBOL NO.	INDEX NO.
TP7	102
TP8	102
TP10	102
TP11	102
TP13	102
TP14	102
TP19	102
TP26	102

VR

SYMBOL NO.	INDEX NO.
VR1	159
VR2	159
VR3	159

XTL

SYMBOL NO.	INDEX NO.
XTL1	154
XTL2	155
XTL3	156

ZD

SYMBOL NO.	INDEX NO.
ZD1	126
ZD2	126

42. IPU BOARD (A187)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A187 5090	Scanner IPU Board	1
1	A100 5406	IC - Analog Processing	1
2	A109 5222	IC - RF5C221	1
3	A134 5209	LSI - MSM518222-30JS-1	1
4	A134 5210	IC - D308102	1
5	A166 5078	IC - HD6437034C33F	1
6	1407 4645	MCU HD6437034F20	1
7	A187 5067	IC - Scanner	1
8	1905 0025	UVEPROM 4M X16 120NS	1
9	A166 5071	IC - HG51B206FD	1
10	A166 5072	IC - TC26SC600AF	1
11	A166 5073	IC - IPU MPD65622GK-Y71	1
12	A166 5074	IC - MPD65656GD-020	1
13	A166 5076	IC - MPD65656GD-020	1
14	A166 5077	IC - SH HG62G051R14F	1
15	A166 5150	PLD IPU	1
16	1407 4595	PLD EPM7032LC44-15	1
17	A399 6749	Delay Line - AT-30	1
18	A134 5211	IC - D352101	1
101	1005 0952	Heat Synk	
102	1101 0429	Test Pin	
103	1102 4201	Connector - 2p	
104	1102 4202	Connector - 3p	
105	1102 4203	Ct Header - 4p	
106	1102 4204	Ct Header - 5p	
107	1102 4208	Connector - 9p	
108	1102 4210	Connector - 11p	
109	1102 4211	Ct Header - 12p	
110	1102 4212	Ct Header - 15p	
111	1102 4620	Ct Header - 3p	
112	1102 5003	Fiber Connector - DC1002 - 2p	

Index No.	Part No.	Description	Q'ty Per Assembly
113	1102 5007	Ct Header - 14p	
114	1102 5181	Connector - 50p	
115	1102 5718	Optical Fiber Connector	
116	1102 6579	Receptacle Connector	
117	1102 6593	Connector - 9p	
118	1102 7151	Connector - 40p	
119	1102 7152	Plug - PHEC120P-S110	
120	1104 0376	IC Socket - 40p - DICF-40CS-E	
121	1204 2221	Dip Switch - 8p	
122	1400 0382	Transistor - 2SA1037KR	
123	1400 0398	Transistor - 2SC2412K	
124	1400 0646	Transistor - 2SC3377Q	
125	1402 1142	Diode Array - DAN217	
126	1402 1323	Diode - UDZ5.6B	
127	1403 0403	Diode - TLR223	
128	1407 1880	TTLIC - SN74LS04NS	
129	1407 2052	TTLIC - SN74LS74ANS	
130	1407 2142	TTLIC - 74F240SJ	
131	1407 2143	TTLIC - 74F244SJ	
132	1407 2144	TTLIC - 74F245SJ	
133	1407 2187	TTLIC - SN74LS07NS	
134	1407 2218	TTLIC - SN74LS06NS	
135	1407 2231	IC - TD62308AF	
136	1407 2378	TTL - SN74ALS245ANS	
137	1407 2561	TTLIC 74F157ASJ	
138	1407 2816	TTL - SN74ALS374ANS	
139	1407 3008	TTL - SN74ALS244CNS	
140	1407 3197	IC - SN74ALS240ANS	
141	1407 3381	Cmos - IC - TC74HC4066AF	
142	1407 4023	IC - M62353GP	
143	1407 4092	IC - M66253FP	
144	1407 4109	IC - CXD1175AM	
145	1407 4189	IC - Upd42280gu - 60	
146	1407 4347	IC - SYM53CF96-2-100QPF	
147	1407 4415	IC - TC7WU04F	

Index No.	Part No.	Description	Q'ty Per Assembly
148	1407 4657	IC - RS5 μ F1050	
149	1408 0306	IC - 78012AP	
150	1408 0595	IC - NJM2904M	
151	1408 0611	IC - 3771	
152	1408 1082	IC - M62354FP	
153	1408 1126	IC - BH9590FP-Y	
154	1503 0635	Oscillator - AT-49 17.9Mhz	
155	1503 0636	Oscillator - AT-51 19.6608Mhz	
156	1503 0637	Oscillator - 1341-B1 25Mhz	
157	1600 1381	Resistor - 56 Ω $\pm$ 5% 2W	
158	1600 1508	Resistor - 15 Ω $\pm$ 5% 2W	
159	1601 8145	Variable Resistor - 5K Ω 0.5W	
160	1602 0918	Filter - 270pf - Emi	
161	1604 1818	Capacitor - S891C475M	
162	1604 4392	Condensor - 100 μ F 50V	
163	1605 0435	Capacitor - 0.47 μ F +80% -20% 16V	
164	1605 0604	Capacitor - 0.1 μ F 50V	
165	1607 0280	Inductor - Blm41	
166	1607 0449	Ferrite Core - BLM21B05SPB	
167	1607 0494	IC - LALO4NA220K	
168	1630 1331	Resistor - 330 Ω $\pm$ 5%B1/4W	
169	1630 2121	Resistor - 120 Ω $\pm$ 5% 1/8W	
170	1630 3101	Resistor - 100 Ω - 1/10W	
171	1630 3102	Resistor - 1K Ω 1/10W $\pm$ 5%	
172	1630 3103	Resistor - 10K Ω 1/10W $\pm$ 5%	
173	1630 3152	Resistor - 1.5k Ω - 1/10W	
174	1630 3220	Resistor - 22 Ω $\pm$ 5% 1/10W	
175	1630 3221	Resistor - 220 Ω $\pm$ 5% 1/10W	
176	1630 3222	Resistor - 2.2K Ω 1/10W $\pm$ 5%	
177	1630 3223	Resistor - 22k Ω - 1/10W	
178	1630 3330	Resistor - 33 Ω $\pm$ 5% 1/10W	
179	1630 3332	Resistor - 3.3K Ω 1/10W $\pm$ 5%	
180	1630 3470	Resistor - 47 Ω 1/10W $\pm$ 5%	
181	1630 3471	Resistor - 470 Ω - 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
182	1630 3472	Resistor - 4.7K Ω 1/10W $\pm$ 5%	
183	1630 3473	Resistor - 47K Ω 1/10W $\pm$ 5%	
184	1630 3681	Resistor - 680 Ω $\pm$ 5% 1/10W	
185	1630 3821	Resistor - 820 Ω $\pm$ 5% 1/10W	
186	1630 4103	Resistor - 10K Ω $\pm$ 5% 1/16W	
187	1633 0000	Resistor - 0 Ω 1/10W:Jamper CHIP	
188	1633 1002	Resistor - 10K Ω $\pm$ 1% 1/10W	
189	1633 1202	Resistor - 12K Ω $\pm$ 1% 1/10W	
190	1633 2402	Resistor - 24K Ω $\pm$ 1% 1/10W	
191	1633 2701	Resistor - 2.7K Ω $\pm$ 1% 1/10W	
192	1633 3602	Resistor - 36K Ω $\pm$ 1% 1/10W	
193	1633 3901	Resistor - 3.9 Ω $\pm$ 1% 1/10W	
194	1633 4700	Resistor - 470 Ω - $\pm$ 1% - 1/10w	
195	1633 5102	Resistor - 51K Ω $\pm$ 1% 1/10W	
196	1633 6800	Resistor - 680 Ω $\pm$ 1% 1/10W	
197	1633 7501	Resistor - 7.5K Ω $\pm$ 1% 1/10W	
198	1633 8201	Resistor - 8.2k Ω $\pm$ 1% 1/10w	
199	1633 9102	Resistor - 91K Ω $\pm$ 1% 1/10W	
200	1640 0101	Capacitor - 100 μ F 10V	
201	1640 2470	Capacitor - 47 μ F $\pm$ 20% 25V	
202	1642 0470	Capacitor - 47 μ F $\pm$ 20% 10V	
203	1642 2101	Capacitor - 100 Ω $\pm$ 20% 25V	
204	1642 2470	Capacitor - 47 μ F $\pm$ 20% 25V	
205	1643 5339	Capacitor - 3.3 μ F $\pm$ 20% 50V	
206	1644 0100	Capacitor - 10 μ F $\pm$ 20% 10V	
207	1644 2479	Capacitor - 4.7 μ F $\pm$ 20% 25V	
208	1660 3101	Capacitor - 100PF 50V	
209	1660 3120	Capacitor - 12PF $\pm$ 5% 50V	
210	1660 3150	Capacitor - 15PF 50V	
211	1660 7103	Capacitor - 10000PF 50V	
212	1660 9104	C - 0.1 μ F 25V	
213	1902 0006	IC - SRAM 256KX8 70NS G1	
214	1904 0002	IC - SRAM 64KX8 20NS	

43. IPU BOARD (A189)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C1	201	C11	202	C21	207	C31	208	C45	201	C58	214	C70	214
C2	201	C12	208	C22	207	C32	207	C47	201	C59	214	C71	214
C3	163	C13	207	C23	208	C34	207	C48	204	C60	214	C72	214
C4	203	C14	207	C24	208	C37	207	C49	205	C61	214	C73	214
C5	203	C15	207	C25	207	C39	207	C50	214	C62	214	C74	214
C6	202	C16	201	C26	207	C40	208	C51	214	C63	214	C75	214
C7	202	C17	207	C27	208	C41	208	C52	214	C64	214	C78	214
C8	202	C18	207	C28	208	C42	207	C53	212	C65	214	C79	214
C9	202	C19	208	C29	207	C43	208	C56	214	C68	214	C80	214
C10	202	C20	208	C30	208	C44	204	C57	214	C69	214	C82	210

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C83	210	C93	214	C103	164	C113	214	C123	214	C133	214	C143	214
C84	214	C94	214	C104	214	C114	214	C124	214	C134	214	C144	209
C85	214	C95	214	C105	214	C115	214	C125	214	C135	214	C145	214
C86	214	C96	214	C106	214	C116	214	C126	214	C136	214	C146	214
C87	214	C97	214	C107	214	C117	214	C127	214	C137	209	C147	212
C88	214	C98	214	C108	214	C118	214	C128	214	C138	209	C148	214
C89	212	C99	214	C109	214	C119	214	C129	214	C139	214	C149	212
C90	214	C100	214	C110	214	C120	214	C130	214	C140	214	C150	214
C91	214	C101	212	C111	214	C121	214	C131	214	C141	214	C151	209
C92	214	C102	214	C112	214	C122	214	C132	214	C142	212	C152	214

CAPACITOR

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C153	214	C163	214	C173	209	C183	212	C193	214	C203	214	C219	214
C154	212	C164	209	C174	212	C184	214	C194	214	C209	212	C220	214
C155	214	C165	209	C175	209	C185	214	C195	214	C210	212	C221	214
C156	212	C166	209	C176	212	C186	214	C196	214	C211	212	C222	214
C157	214	C167	212	C177	214	C187	214	C197	214	C212	214	C223	214
C158	212	C168	209	C178	209	C188	214	C198	214	C213	214	C224	214
C159	214	C169	212	C179	209	C189	214	C199	214	C215	214	C225	214
C160	214	C170	214	C180	209	C190	214	C200	214	C216	214	C226	214
C161	214	C171	209	C181	212	C191	214	C201	214	C217	214	C227	212
C162	214	C172	209	C182	209	C192	214	C202	214	C218	214	C228	214

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C229	214	C240	211	C251	214	C266	212	C276	214	CN401	120	CN426	113
C230	214	C242	214	C252	214	C267	212	C277	214	CN402	116	CN427	105
C231	214	C243	214	C253	214	C268	214	C278	214	CN403	118	CN428	105
C232	214	C244	214	C254	214	C269	214	C279	214	CN404	121	CN431	117
C233	214	C245	214	C255	212	C270	214	C280	214	CN410	119	CN432	114
C234	214	C246	214	C256	212	C271	214	C281	206	CN421	108	CN440	111
C235	214	C247	214	C257	212	C272	214	C282	214	CN422	106	CN441	115
C236	214	C248	214	C263	212	C273	214	C283	213	CN423	109	CN442	110
C237	214	C249	214	C264	212	C274	214	C284	213	CN424	112		
C239	211	C250	214	C265	212	C275	204			CN425	108		

CONNECTOR

43. IPU BOARD (A189)

DA

SYMBOL NO.	INDEX NO.
DA1	127
DA2	127
DA3	127
DA4	127
DA5	127
DA6	127
DA7	127
DA8	127
DA9	127
DA10	127

SYMBOL NO.	INDEX NO.
DA11	127
DA12	127
DA13	127

DL

SYMBOL NO.	INDEX NO.
DL1	15

FILTER

SYMBOL NO.	INDEX NO.
FIL1	162

IC

SYMBOL NO.	INDEX NO.
IC1	145
IC2	150
IC3	3
IC4	3
IC5	5
IC6	11
IC7	150
IC8	2
IC9	9
IC10	3

SYMBOL NO.	INDEX NO.
IC11	4
IC12	145
IC13	145
IC14	150
IC15	145
IC16	145
IC17	154
IC18	146
IC19	146
IC20	146

SYMBOL NO.	INDEX NO.
IC21	150
IC22	10
IC23	145
IC24	144
IC26	1
IC27	1
IC28	150
IC29	145
IC30	150
IC31	150

SYMBOL NO.	INDEX NO.
IC32	150
IC33	145
IC34	7
IC35	145
IC36	8
IC37	216
IC38	145
IC39	145
IC40	9
IC41	3

CAPACITOR

SYMBOL NO.	INDEX NO.
IC42	215
IC43	215
IC44	9
IC45	9
IC46	3
IC47	3
IC48	12
IC49	13
IC50	147
IC51	148

SYMBOL NO.	INDEX NO.
IC52	155
IC53	6
[SOCKET]	122
IC54	134
IC55	134
IC56	136
IC57	133
IC58	134
IC59	138
IC60	134

SYMBOL NO.	INDEX NO.
IC61	139
IC63	141
IC64	141
IC65	139
IC66	138
IC67	138
IC68	138
IC69	138
IC70	141
IC71	152

SYMBOL NO.	INDEX NO.
IC72	141
IC73	135
IC74	142
IC75	135
IC76	143
IC77	143
IC78	143
IC80	141
IC81	151
IC83	133

SYMBOL NO.	INDEX NO.
IC84	132
IC85	133
IC86	136
IC87	135
IC88	135
IC89	140
IC90	130
IC91	132
IC92	132
IC93	151

SYMBOL NO.	INDEX NO.
IC94	131
IC95	149
IC98	13

JP

SYMBOL NO.	INDEX NO.
JP1	188
JP2	188
JP4	188
JP5	188
JP6	188
JP7	188
JP8	188
JP9	188

L

SYMBOL NO.	INDEX NO.
L1	167
L2	167
L3	167
L16	165
L17	166
L18	166

LED

SYMBOL NO.	INDEX NO.
LED1	129
LED5	129

QA

SYMBOL NO.	INDEX NO.
QA2	137

Q

SYMBOL NO.	INDEX NO.
Q1	125
Q2	125
Q3	125
Q4	125
Q5	125
Q6	125
Q7	125
Q8	125
Q9	125
Q10	125

SYMBOL NO.	INDEX NO.
Q11	124
Q12	125
Q13	126

REG

SYMBOL NO.	INDEX NO.
REG1	153
[HEATSINK]	103

RESISTOR

SYMBOL NO.	INDEX NO.
R7	181
R11	181
R13	178
R15	172
R16	172
R19	172
R20	172
R21	172
R22	172
R23	172

SYMBOL NO.	INDEX NO.
R24	172
R25	172
R26	172
R27	172
R28	172
R29	172
R30	172
R31	172
R32	172
R33	182

SYMBOL NO.	INDEX NO.
R34	182
R35	182
R36	182
R37	182
R38	182
R39	182
R40	182
R41	182
R42	182
R43	182

RESISTOR

SYMBOL NO.	INDEX NO.
R51	174
R52	174
R53	174
R54	174
R55	174
R56	174
R57	174
R58	174
R59	174
R60	174

SYMBOL NO.	INDEX NO.
R61	174
R62	174
R63	174
R64	174
R67	174
R68	174
R69	177
R70	169
R71	182
R72	182

SYMBOL NO.	INDEX NO.
R73	182
R74	182
R75	182
R78	174
R79	174
R80	174
R81	174
R82	174
R83	174
R84	174

SYMBOL NO.	INDEX NO.
R85	174
R86	172
R87	174
R88	172
R89	174
R90	174
R91	174
R92	174
R93	174
R94	174

SYMBOL NO.	INDEX NO.
R95	174
R96	174
R97	174
R98	174
R99	174
R100	174
R115	169
R117	172
R118	178
R119	182

SYMBOL NO.	INDEX NO.
R120	182
R121	182
R122	182
R123	182
R125	172
R127	174
R128	174
R129	174
R130	181
R132	181

SYMBOL NO.	INDEX NO.
R133	181
R135	180
R136	180
R137	182
R138	182
R139	180
R140	180
R141	180
R142	180
R143	172

43. IPU BOARD (A189)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R144	172	R157	170	R167	173	R177	172	R187	173	R197	170	R207	193
R148	178	R158	170	R168	170	R178	173	R188	170	R198	184	R208	184
R149	178	R159	173	R169	173	R179	170	R189	173	R199	182	R209	170
R150	178	R160	170	R170	180	R180	173	R190	170	R200	176	R210	180
R151	181	R161	173	R171	180	R181	170	R191	184	R201	170	R211	170
R152	175	R162	170	R172	178	R182	184	R192	176	R202	171	R212	180
R153	174	R163	173	R173	178	R183	173	R193	173	R203	198	R213	182
R154	178	R164	170	R174	172	R184	170	R194	176	R204	171	R214	176
R155	170	R165	173	R175	172	R185	173	R195	195	R205	179	R215	170
R156	176	R166	170	R176	172	R186	170	R196	197	R206	170	R216	171

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R217	198	R230	171	R242	179	R254	172	R265	194	R276	172	R286	180
R218	171	R231	198	R243	171	R255	179	R266	172	R277	172	R287	198
R219	179	R232	171	R245	182	R257	171	R267	172	R278	194	R288	172
R220	170	R233	179	R246	171	R258	182	R268	179	R279	172	R289	171
R221	193	R236	184	R247	179	R259	171	R269	171	R280	172	R290	172
R222	184	R235	193	R248	172	R260	179	R271	182	R281	180	R291	168
R224	180	R237	170	R249	172	R261	172	R272	171	R282	171	R292	168
R226	180	R238	180	R250	172	R262	172	R273	179	R283	198	R293	168
R227	182	R239	170	R252	194	R263	172	R274	172	R284	180	R294	171
R228	176	R240	180	R253	172	R264	172	R275	172	R285	198	R295	170
		R241	182										

43. IPU BOARD (A189)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R296	185	R306	183	R316	178	R326	171	R336	178	R346	182	R356	190
R297	192	R307	183	R317	178	R327	171	R337	178	R347	177	R358	178
R298	199	R308	183	R318	178	R328	171	R338	178	R348	178	R359	171
R299	182	R309	183	R319	178	R329	171	R339	171	R349	178	R360	200
R300	182	R310	183	R320	178	R330	171	R340	171	R350	178	R362	182
R301	182	R311	183	R321	171	R331	178	R341	171	R351	178	R363	177
R302	182	R312	183	R322	171	R332	178	R342	171	R352	178	R364	182
R303	182	R313	178	R323	171	R333	178	R343	171	R353	178	R365	178
R304	182	R314	178	R324	171	R334	178	R344	178	R354	178	R366	177
R305	183	R315	178	R325	171	R335	178	R345	178	R355	171	R367	178

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R368	182	R378	191	R388	172	R398	172	R408	174	R418	172	R428	172
R369	177	R379	196	R389	181	R399	172	R409	174	R419	172	R429	172
R370	182	R380	172	R390	172	R400	172	R410	174	R420	172	R430	172
R371	177	R381	172	R391	172	R401	172	R411	174	R421	172	R431	172
R372	182	R382	172	R392	172	R402	172	R412	174	R422	172	R432	172
R373	177	R383	172	R393	172	R403	172	R413	174	R423	172	R433	172
R374	182	R384	172	R394	172	R404	172	R414	172	R424	172	R434	172
R375	178	R385	172	R395	172	R405	172	R415	172	R425	172	R435	172
R376	182	R386	172	R396	172	R406	182	R416	172	R426	172	R436	172
R377	177	R387	172	R397	172	R407	174	R417	172	R427	172	R437	172

43. IPU BOARD (A189)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R438	172	R448	174	R458	172	R468	186	R479	183	R489	186	R499	186
R439	172	R449	183	R459	171	R469	186	R480	183	R490	186	R500	186
R440	172	R450	183	R460	171	R470	186	R481	174	R491	186	R501	186
R441	172	R451	183	R461	171	R471	186	R482	174	R492	186	R502	172
R442	172	R452	183	R462	186	R472	186	R483	174	R493	186	R503	172
												R503	178
R443	172	R453	183	R463	186	R473	186	R484	172	R494	186	R504	177
R444	172	R454	183	R464	186	R474	186	R485	177	R495	186	R505	159
R445	172	R455	183	R465	186	R475	186	R486	186	R496	186	R506	159
R446	172	R456	183	R466	186	R476	186	R487	186	R497	186	R507	186
R447	174	R457	172	R467	186	R477	186	R488	186	R498	186	R508	186

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R509	186	R519	186	R531	172
R510	186	R520	186	R532	160
R511	186	R521	186	R533	188
R512	186	R522	186	R534	188
R513	186	R523	186	R535	188
R514	186	R524	171	R536	188
R515	186	R527	171	R537	188
R516	186	R528	189	R538	188
R517	186	R529	195		
R518	186	R530	178		

SW

SYMBOL NO.	INDEX NO.
SW1	123

TP

SYMBOL NO.	INDEX NO.
TP7	104
TP8	104
TP10	104
TP11	104
TP13	104
TP14	104
TP19	104
TP26	104

VR

SYMBOL NO.	INDEX NO.
VR1	161
VR2	161
VR3	161

ZD

SYMBOL NO.	INDEX NO.
ZD1	128
ZD2	128

XTL

SYMBOL NO.	INDEX NO.
XTL1	156
XTL2	157
XTL3	158

43. IPU BOARD (A189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A189 5090	Scanner IPU Board	1
1	A100 5406	IC - ANALOG PROCESSING	1
2	A109 5222	IC - RF5C221	1
3	A134 5209	LSI - MSM518222-30JS-1	1
4	A134 5210	IC - D308102	1
5	A134 5211	IC - D352101	1
6	A189 5067	IC - SCANNER	1
7	A166 5071	IC - HG51B206FD	1
8	A166 5072	IC - TC26SC600AF	1
9	A166 5073	IC - IPU MPD65622GK-Y71	1
10	A166 5074	IC - MPD65656GD-020	1
11	A166 5076	IC - MPD65656GD-020	1
12	A166 5077	IC - SH HG62G051R14F	1
13	A166 5078	IC - HD6437034C33F	1
14	A189 5067	IC - SCANNER	1
15	A399 6749	Delay Line - At-30	1
101	1407 464	MCU HD6437034F20	
102	1407 4595	PLD EPM7032LC44-15	
103	1005 0952	Heat Synk	
104	1101 0429	Test Pin	
105	1102 4201	Connector - 2p	
106	1102 4202	Connector - 3p	
107	1102 4203	Ct Header - 4p	
108	1102 4204	Ct Header - 5p	
109	1102 4208	Connector - 9p	
110	1102 4210	Connector - 11p	
111	1102 4211	Ct Header - 12p	
112	1102 4212	Ct Header - 15p	
113	1102 4620	Ct Header - 3p	
114	1102 5003	Fiber Connector - Dc1002 - 2p	

Index No.	Part No.	Description	Q'ty Per Assembly
115	1102 5007	Ct Header - 14p	
116	1102 5181	Connector - 50p	
117	1102 5718	Optical Fiber Connector	
118	1102 6579	Receptacle Connector	
119	1102 6593	Connector - 9p	
120	1102 7151	Connector - 40p	
121	1102 7152	Plug - Phec120p-s110	
122	1104 0376	IC Socket - 40p - DICF-40CS-E	
123	1204 2221	Dip Switch - 8p	
124	1400 0382	Transistor - 2sa1037kr	
125	1400 0398	Transistor - 2sc2412k	
126	1400 0646	Transistor - 2sc3377q	
127	1402 1142	Diode Array - DAN217	
128	1402 1323	Zener Diode - Udz5.6b	
129	1403 0403	Diode - TLR223	
130	1407 1880	TTLIC - SN74LS04NS	
131	1407 2052	TTLIC - SN74LS74ANS	
132	1407 2142	TTLIC - 74F240SJ	
133	1407 2143	TTLIC - 74F244SJ	
134	1407 2144	TTLIC - 74F245SJ	
135	1407 2187	TTLIC - SN74LS07NS	
136	1407 2218	TTLIC - SN74LS06NS	
137	1407 2231	IC - TD62308AF	
138	1407 2378	TTL - SN74ALS245ANS	
139	1407 2561	TTLIC 74F157ASJ	
140	1407 2816	TTL - SN74ALS374ANS	
141	1407 3008	TTL - SN74ALS244CNS	
142	1407 3197	IC - SN74ALS240ANS	
143	1407 3381	Cmos - IC - Tc74hc4066af	
144	1407 4023	IC - M62353GP	
145	1407 4092	IC - M66253FP	
146	1407 4109	IC - CXD1175AM	
147	1407 4189	IC - Upd42280gu - 60	
148	1407 4347	IC - SYM53CF96-2-100QPF	
149	1407 4415	IC - TC7WU04F	

Index No.	Part No.	Description	Q'ty Per Assembly
150	1407 4657	IC - RS5μF1050	
151	1408 0595	IC - NJM2904M	
152	1408 0611	IC - 3771	
153	1408 0629	IC - 78M12A	
154	1408 1082	D/a Converter - M62354fp	
155	1408 1202	Scsi Active Terminator -bh9595fp-y	
156	1503 0635	Oscillator - At-49 17.9mhz	
157	1503 0636	Oscillator - At-51 19.6608mhz	
158	1503 0637	Crystal Oscillator - 1341-b1 - 25mhz	
159	1600 1508	Resistor - 15 Ω ±5% 2W	
160	1601 5324	Resistor - 56 Ω 2W	
161	1601 8145	Variable Resistor - 5K Ω 0.5W	
162	1602 0918	Filter - 270pf - Emi	
163	1604 4392	Condensor - 100μF 50v	
164	1605 0435	Capacitor - 0.47μF +80% -20% 16V	
165	1607 0280	Inductor - Blm41	
166	1607 0449	Ferrite Core - Blm21b05spb	
167	1607 0494	IC - LALO4NA220K	
168	1630 1331	Resistor - 330 Ω ±5%B1/4W	
169	1630 2121	Resistor - 120 Ω ±5% 1/8W	
170	1630 3101	Resistor - 100Ω - 1/10W	
171	1630 3102	Resistor - 1KΩ 1/10W ±5%	
172	1630 3103	Resistor - 10KΩ 1/10W ±5%	
173	1630 3152	Resistor - 1.5kΩ - 1/10W	
174	1630 3220	Resistor - 22 Ω ±5% 1/10W	
175	1630 3221	Resistor - 220 Ω ±5% 1/10W	
176	1630 3222	Resistor - 2.2KΩ 1/10W ±5%	
177	1630 3223	Resistor - 22kΩ - 1/10W	
178	1630 3330	Resistor - 33 Ω ±5% 1/10W	
179	1630 3332	Resistor - 3.3KΩ 1/10W ±5%	
180	1630 3470	Resistor - 47Ω 1/10W ±5%	
181	1630 3471	Resistor - 470Ω - 1/10W	
182	1630 3472	Resistor - 4.7KΩ 1/10W ±5%	
183	1630 3473	Resistor - 47KΩ 1/10W ±5%	

Index No.	Part No.	Description	Q'ty Per Assembly
184	1630 3681	Resistor - 680 Ω ±5% 1/10W	
185	1630 3821	Resistor - 820 Ω ±5% 1/10W	
186	1630 4103	Resistor - 10KΩ ±5% 1/16W	
187	1630 4331	Resistor - 330 Ω ±5% 1/16W	
188	1633 0000	Resistor - 0Ω 1/10W:JAMPER CHIP	
189	1633 1002	Resistor - 10K Ω ±1% 1/10W	
190	1633 1202	Resistor - 12K Ω ±1% 1/10W	
191	1633 2402	Resistor - 24K Ω ±1% 1/10W	
192	1633 2701	Resistor - 2.7K Ω ±1% 1/10W	
193	1633 3602	Resistor - 36K Ω ±1% 1/10W	
194	1633 3901	Resistor - 3.9 Ω ±1% 1/10W	
195	1633 4700	Resistor - 470 Ω - ±1% - 1/10w	
196	1633 5102	Resistor - 51K Ω ±1% 1/10W	
197	1633 6800	Resistor - 680 Ω ±1% 1/10W	
198	1633 7501	Resistor - 7.5K Ω ±5% 1/10W	
199	1633 8201	Resistor - 8.2k Ω ±1% 1/10w	
200	1633 9102	Resistor - 91K Ω ±1% 1/10W	
201	1640 0101	Capacitor - 100μF 10V	
202	1640 2470	Capacitor - 47μF ±20% 25V	
203	1642 2101	Capacitor - 100 Ω ±20% 25V	
204	1642 2470	Capacitor - 47μF ±20% 25V	
205	1642 5229	Capacitor 2.2μF ±20% 50v	
206	1642 5339	Capacitor 3.3μF ±20% 50v	
207	1644 0100	Capacitor - 10μF ±20% 10V	
208	1644 2479	Capacitor - 4.7μF ±20% 25V	
209	1660 3101	Capacitor - 100PF 50V	
210	1660 3120	Capacitor - 12PF ±5% 50V	
211	1660 3150	Capacitor - 15PF 50V	
212	1660 7103	Capacitor - 10000PF 50V	
213	1660 7104	Capacitor - 100000PF 50V	
214	1660 9104	C - 0.1μF 25v	
215	1902 0006	IC - SRAM 256KX8 70NS G1	
216	1904 0002	IC - SRAM 64KX8 20NS	

44. PRINTER MAIN BOARD (A187/189)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C201	207	C211	212	C221	169	C232	208	C242	211	C252	170	C262	170
C202	207	C212	206	C222	169	C233	207	C243	169	C253	170	C263	168
C203	211	C213	206	C223	169	C234	213	C244	169	C254	169	C264	169
C204	211	C214	169	C224	169	C235	170	C245	169	C255	169	C265	170
C205	208	C215	169	C225	169	C236	169	C246	210	C256	169	C266	169
C206	208	C216	169	C226	170	C237	206	C247	167	C257	170	C267	170
C207	167	C217	169	C227	169	C238	169	C248	169	C258	169	C268	168
C208	207	C218	169	C228	169	C239	209	C249	169	C259	170	C269	170
C209	211	C219	169	C229	169	C240	169	C250	169	C260	209	C270	170
C210	212	C220	169	C230	208	C241	169	C251	209	C261	169	C271	169

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C272	170	C282	169	C292	169	C304	169	C314	169	C324	167	C334	170
C273	170	C283	169	C293	169	C305	169	C315	171	C325	167	C335	169
C274	170	C284	168	C294	169	C306	169	C316	171	C326	167	C336	169
C275	169	C285	169	C297	169	C307	169	C317	169	C327	167	C337	169
C276	169	C286	169	C298	170	C308	169	C318	167	C328	167	C338	169
C277	169	C287	169	C299	169	C309	170	C319	169	C329	167	C339	170
C278	169	C288	169	C300	170	C310	170	C320	169	C330	170	C340	170
C279	169	C289	169	C301	169	C311	169	C321	169	C331	169	C341	170
C280	169	C290	169	C302	169	C312	169	C322	169	C332	167	C342	170
C281	169	C291	169	C303	169	C313	169	C323	169	C333	169	C343	170

CAPACITOR

SYMBOL NO.	INDEX NO.
C344	170
C345	170
C346	170
C347	169
C348	169
C349	170
C350	169
C351	170
C352	170
C353	167

SYMBOL NO.	INDEX NO.
C354	169
C355	169
C356	169
C357	170
C358	169
C359	167
C360	167
C361	170
C362	170
C363	170

SYMBOL NO.	INDEX NO.
C367	169
C368	169
C369	169
C370	169
C371	169
C372	169
C373	169
C374	167
C375	167
C376	170

SYMBOL NO.	INDEX NO.
C377	169
C378	169
C379	169
C380	169
C381	169
C382	169
C383	169

CONNECTOR

SYMBOL NO.	INDEX NO.
CN201	114
CN202	116
CN203	103
CN204	119
CN205	104
CN206	120
CN207	123
CN208	111
CN209	110
CN210	108

SYMBOL NO.	INDEX NO.
CN211	118
CN212	112
CN213	117
CN214	115
CN215	105
CN216	113
CN217	104
CN219	121
CN220	121
CN221	122

SYMBOL NO.	INDEX NO.
CN222	122
CN224	109
CN225	107
CN226	102
CN227	124
CN228	122

DA

SYMBOL NO.	INDEX NO.
DA201	135
DA202	135
DA203	135
DA204	135
DA205	135
DA206	135
DA207	135
DA208	135

DIODE

SYMBOL NO.	INDEX NO.
D201	134
D202	134
D203	132
D204	136
D205	136
D206	134

DPS

SYMBOL NO.	INDEX NO.
DPS201	129

FL

SYMBOL NO.	INDEX NO.
FL201	173
FL202	173
FL203	172
FL204	172
FL205	172
FL206	173
FL207	175
FL208	172
FL209	172
FL210	172

SYMBOL NO.	INDEX NO.
FL211	173
FL212	174
FL213	174
FL214	172
FL215	172
FL216	172
FL217	172
FL218	172
FL221	172

IC

SYMBOL NO.	INDEX NO.
IC201	157
IC202	157
IC204	148
IC205	164
IC206	160
IC207	140
IC208	141
IC209	141
IC210	162
IC211	149

SYMBOL NO.	INDEX NO.
IC212	148
IC213	148
IC214	148
IC215	148
IC216	159
IC217	149
IC218	143
IC219	161
IC220	1
IC221	156

44. PRINTER MAIN BOARD (A187/189)

IC

SYMBOL NO.	INDEX NO.
IC222	2
IC223	153
IC224	143
IC225	154
IC226	148
IC227	158
IC228	163
IC229	4
IC230	214
IC231	144

SYMBOL NO.	INDEX NO.
IC232	214
IC233	214
IC234	155
IC235	145
IC236	150
IC237	3
IC238	5
IC240	142
IC241	151
IC242	142

SYMBOL NO.	INDEX NO.
IC243	151
IC244	151
IC245	147
IC246	148
IC247	144
IC248	147
IC249	146
IC250	146
IC251	215
IC252	152

SYMBOL NO.	INDEX NO.
IC253	148
IC254	152
IC255	141
IC256	144
IC257	162
IC258	148

JP

SYMBOL NO.	INDEX NO.
JP201	106
JP202	106

LED

SYMBOL NO.	INDEX NO.
LED201	137
LED202	138
LED203	138

OSC

SYMBOL NO.	INDEX NO.
OSC201	166
OSC202	165

PC

SYMBOL NO.	INDEX NO.
PC201	1395

Q

SYMBOL NO.	INDEX NO.
Q201	133
Q202	133
Q203	130

RESISTOR

SYMBOL NO.	INDEX NO.
R201	186
R202	183
R203	179
R204	183
R205	194
R206	184
R207	184
R208	194
R209	194
R210	194

SYMBOL NO.	INDEX NO.
R211	194
R212	194
R213	194
R214	194
R215	183
R216	194
R217	194
R218	183
R221	183
R222	183

SYMBOL NO.	INDEX NO.
R223	183
R224	178
R225	194
R226	199
R227	199
R228	198
R229	198
R230	183
R231	183
R232	195

SYMBOL NO.	INDEX NO.
R233	176
R234	194
R235	183
R236	177
R237	177
R238	177
R239	177
R240	177
R241	177
R242	177

SYMBOL NO.	INDEX NO.
R243	177
R244	184
R245	184
R246	187
R247	187
R248	187
R249	187
R250	187
R251	187
R252	187

SYMBOL NO.	INDEX NO.
R253	187
R254	187
R255	187
R257	193
R258	183
R259	193
R260	194
R261	194
R262	194
R263	194

SYMBOL NO.	INDEX NO.
R264	190
R265	194
R266	189
R267	184
R268	184
R269	184
R270	184
R271	184
R272	184
R273	184

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R274	184	R284	184	R294	184	R304	184	R314	188	R326	192	R337	184
R275	184	R285	184	R295	184	R305	184	R316	187	R328	192	R338	184
R276	184	R286	184	R296	184	R306	184	R317	184	R329	194	R339	184
R277	202	R287	184	R297	184	R307	184	R318	184	R330	194	R340	184
R278	194	R288	184	R298	184	R308	184	R319	184	R331	194	R341	184
R279	190	R289	184	R299	184	R309	184	R320	184	R332	194	R342	184
R280	184	R290	184	R300	184	R310	184	R322	184	R333	194	R343	184
R281	184	R291	184	R301	184	R311	184	R323	184	R334	194	R344	184
R282	184	R292	184	R302	184	R312	184	R324	184	R335	202	R345	187
R283	184	R293	184	R303	184	R313	184	R325	192	R336	190	R346	187

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R347	184	R358	184	R368	184	R378	184	R388	187	R398	184	R408	184
R348	184	R359	184	R369	184	R379	184	R389	187	R399	184	R409	184
R349	184	R360	184	R370	184	R380	184	R390	184	R400	184	R410	193
R350	184	R361	184	R371	184	R381	197	R391	193	R401	187	R411	187
R351	184	R362	184	R372	184	R382	194	R392	193	R402	184	R412	184
R352	184	R363	184	R373	184	R383	184	R393	184	R403	187	R413	187
R353	184	R364	184	R374	194	R384	197	R394	184	R404	187	R414	187
R354	184	R365	194	R375	194	R385	194	R395	184	R405	184	R415	181
R356	184	R366	184	R376	194	R386	194	R396	184	R406	187	R416	190
R357	184	R367	184	R377	184	R387	187	R397	184	R407	187	R417	184

44. PRINTER MAIN BOARD (A187/189)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R418	184	R428	187	R441	194	R451	183	R461	199	R472	183	R483	184
R419	184	R429	194	R442	194	R452	194	R462	199	R473	194	R484	184
R420	184	R430	190	R443	203	R453	183	R463	196	R474	194	R485	184
R421	184	R431	187	R444	199	R454	183	R464	183	R475	183	R486	184
R422	184	R432	187	R445	182	R455	194	R465	184	R476	188	R487	184
R423	184	R433	187	R446	184	R456	199	R466	205	R477	178	R488	184
R424	184	R434	187	R447	184	R457	191	R467	199	R479	183	R489	184
R425	184	R436	184	R448	185	R458	199	R468	194	R480	184	R490	184
R426	184	R439	188	R449	185	R459	191	R470	194	R481	184	R491	184
R427	194	R440	183	R450	184	R460	183	R471	183	R482	184	R492	184

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R493	184	R503	194	R513	201	R523	183	R537	194	R547	184	R557	184
R494	190	R504	183	R514	201	R524	200	R538	194	R548	184	R558	184
R495	190	R505	188	R515	200	R525	200	R539	194	R549	184	R559	194
R496	190	R506	190	R516	200	R526	200	R540	194	R550	184	R560	183
R497	190	R507	183	R517	201	R527	200	R541	184	R551	184	R563	183
R498	190	R508	183	R518	194	R528	200	R542	184	R552	184	R564	194
R499	190	R509	190	R519	200	R529	183	R543	184	R553	184	R565	194
R500	190	R510	200	R520	201	R533	183	R544	184	R554	184	R566	183
R501	183	R511	201	R521	194	R535	194	R545	194	R555	184	R567	183
R502	183	R512	200	R522	194	R536	194	R546	184	R556	184	R568	194

RESISTOR

SYMBOL NO.	INDEX NO.
R569	183
R570	183
R571	190
R572	184
R573	183
R574	184
R575	184
R576	190
R577	193
R578	193

SYMBOL NO.	INDEX NO.
R579	193
R580	184
R581	184
R582	187

TP

SYMBOL NO.	INDEX NO.
TP201	101
TP202	101
TP203	101
TP204	101
TP205	101
TP206	101
TP207	101
TP208	101
TP209	101
TP210	101

SYMBOL NO.	INDEX NO.
TP211	101
TP212	101
TP213	101
TP214	101
TP215	101
TP216	101
TP217	101
TP218	101
TP219	101
TP220	101

SYMBOL NO.	INDEX NO.
TP221	101
TP222	101
TP223	101
TP224	101
TP225	101
TP226	101
TP227	101
TP228	101
TP229	101
TP230	101

SYMBOL NO.	INDEX NO.
TP231	101
TP232	101
TP233	101
TP234	101
TP235	101
TP236	101
TP237	101
TP238	101
TP239	101
TP240	101

SYMBOL NO.	INDEX NO.
TP241	101
TP242	101
TP243	101
TP244	101
TP245	101
TP246	101
TP247	101
TP248	101
TP249	101

ZD

SYMBOL NO.	INDEX NO.
ZD201	131

44. PRINTER MAIN BOARD (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A189 5363	Main Control Board	1
1	A166 5077	IC - SH HG62G051R14F	1
2	A166 5359	IC - Printer 1	1
3	A166 5356	IC - Printer 3	1
4	A166 5355	IC - 5GU040-013	1
5	A189 5445	IC - Printer 2	1
101	1101 0328	Connector Pin Contact	
102	1102 0903	Connector - 4p	
103	1102 0905	Connector - 5p	
104	1102 0911	Connector - 8p	
105	1102 0917	Pin Housing - 11p	
106	1102 2184	Connector - Fcc-2a - Mep	
107	1102 4202	Connector - 3p	
108	1102 4203	Ct Header - 4p	
109	1102 4204	Ct Header - 5p	
110	1102 4205	Ct Header- 6p	
111	1102 4207	Connector - 8p	

Index No.	Part No.	Description	Q'ty Per Assembly
112	1102 4208	Connector - 9p	
113	1102 4210	Connector - 11p	
114	1102 4522	Connector - 20p	
115	1102 4628	Connector - 11p	
116	1102 4635	Connector - 6p	
117	1102 4640	Connector - 11p	
118	1102 4645	Ct Connector - 4p	
119	1102 4652	Connector - 11p	
120	1102 5306	Connector - 7p	
121	1102 5375	Connector - 50p	
122	1102 5718	Optical Fiber Connector	
123	1102 6597	Connector - 13p	
124	1103 0428	Connector - 20p	
125	1104 0307	Fuse Holder	
126	1104 0376	IC Socket - 40p - DICF-40CS-E	
127	1104 0589	Dip Socket : 32p	
128	1107 0745	Fuse - 1a 250v	
129	1204 1324	Dip Switch	
130	1401 0296	Transistor - 2sa1162y	
131	1401 0694	Zener Diode - Rd6.8fb	
132	1401 0696	Diode - VO6C	
133	1401 1034	IC - 2SK366GR	
134	1402 0477	Silicon Diode - 1ss187	
135	1402 1008	IC - HN2D01F	
136	1402 1270	Diode - EC11FS2	
137	1403 0416	LED - Red - TLR123	
138	1403 0499	LED - YELLOW	
139	1403 0723	Photocoupler - Opic - Pc900v	
140	1407 1596	TTLIC - SN74LS14NS	
141	1407 1597	TTLIC - SN74LS10NS	
142	1407 1600	TTLIC - SN74LS244NS	
143	1407 1878	IC - TC4053BF	
144	1407 1880	TTLIC - SN74LS04NS	
145	1407 2081	TTLIC - SN74LS08NS	
146	1407 2143	TTLIC - 74F244SJ	

Index No.	Part No.	Description	Q'ty Per Assembly
147	1407 2144	TTLIC - 74F245SJ	
148	1407 2187	TTLIC - SN74LS07NS	
149	1407 2231	IC - TD62308AF	
150	1407 2247	TTL - SN74LS164NS	
151	1407 2378	TTL - SN74ALS245ANS	
152	1407 2561	TTLIC 74F157ASJ	
153	1407 4137	IC - MM1035XF	
154	1407 4189	IC - Upd42280gu - 60	
155	1407 4347	IC - SYM53CF96-2-100QPF	
156	1407 4536	IC - ICS1574	
157	1407 4554	IC - SN74HC02NS	
158	1407 4599	IC - MB89255AH-PF-G-BND	
159	1408 0595	IC - NJM2904M	
160	1408 0759	Opeamp - Njm3403am	
161	1408 0875	Transistor-array - Td62382af	
162	1408 0920	Opeamp - Njm2902e	
163	1408 1082	D/a Converter - M62354fp	
164	1408 1163	Regurator - 20v	
165	1503 0637	Crystal Oscilator - 1341-b1 - 25mhz	
166	1503 0700	Oscllator - Hc-49/u-s 19.90656mhz	
167	1605 0192	Capacitor - 470PF 50V	
168	1605 0407	Condensor - 1000pf $\pm 20\%$ 50v	
169	1605 0408	Condensor - 0.01 μ F $\pm 20\%$ 50v	
170	1605 0636	Capacitor - 0.1 μ F	
171	1605 0684	Capacitor - 16PF	
172	1607 0477	Coil - Blm21a121spb	
173	1607 0815	Blm41p600spb	
174	1607 0819	Nfa81r00c221	
175	1607 0820	Nfa81r10c223	
176	1630 1101	Resistor - 100 Ω 1/4W $\pm 5\%$	
177	1630 1151	Resistor - 150 Ω $\pm 5\%$ 1/4W	
178	1630 2121	Resistor - 120 Ω $\pm 5\%$ 1/8W	
179	1630 2271	Resistor - 270 Ω - 1/8W	
180	1630 2471	Resistor - 470 Ω 1/8W $\pm 5\%$	
181	1630 3100	Resistor - 10 Ω $\pm 5\%$ 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
182	1630 3101	Resistor - 100 Ω - 1/10W	
183	1630 3102	Resistor - 1K Ω 1/10W $\pm 5\%$	
184	1630 3103	Resistor - 10K Ω 1/10W $\pm 5\%$	
185	1630 3104	Resistor - 100K Ω 1/10W $\pm 5\%$	
186	1630 3123	Resistor - 12K Ω $\pm 5\%$ 1/10W	
187	1630 3220	Resistor - 22 Ω $\pm 5\%$ 1/10W	
188	1630 3222	Resistor - 2.2K Ω 1/10W $\pm 5\%$	
189	1630 3273	Resistor - 27k Ω - 1/10W	
190	1630 3330	Resistor - 33 Ω $\pm 5\%$ 1/10W	
191	1630 3333	Resistor - 33K Ω $\pm 5\%$ 1/10W	
192	1630 3391	Resistor - 390 Ω 1/10W $\pm 5\%$	
193	1630 3471	Resistor - 470 Ω - 1/10W	
194	1630 3472	Resistor - 4.7K Ω 1/10W $\pm 5\%$	
195	1630 3473	Resistor - 47K Ω 1/10W $\pm 5\%$	
196	1630 3512	Resistor - 5.10k Ω - 1/10W	
197	1633 0000	Resistor - 0 Ω 1/10W:JAMPER CHIP	
198	1633 1001	Resistor - 1K Ω $\pm 1\%$ 1/10W	
199	1633 1002	Resistor - 10K Ω $\pm 1\%$ 1/10W	
200	1633 1003	Resistor - 100K Ω $\pm 1\%$ 1/10W	
201	1633 1403	Resistor - 140K Ω $\pm 1\%$ 1/10W	
202	1633 1500	Resistor - 150 Ω $\pm 1\%$ 1/10W	
203	1633 2002	Resistor - 20K Ω $\pm 1\%$ 1/10W	
204	1633 5231	Resistor - 5.23K Ω $\pm 1\%$ 1/10W	
205	1633 8062	Resistor - 80.6K Ω $\pm 1\%$ 1/10W	
206	1640 5100	Capacitor - 10 μ F +20% 35V	
207	1640 5101	Capacitor - 100 μ F $\pm 20\%$ 50V	
208	1640 5109	Capacitor - 1 μ F - $\pm 20\%$ - 50V	
209	1640 5220	Capacitor - 22 μ F $\pm 20\%$ 50V	
210	1640 5229	Capacitor - 2.2 μ F $\pm 20\%$ 50V	
211	1640 5470	Capacitor - 47 μ F $\pm 20\%$ 50V	
212	1640 5478	Capacitor - 0.47 μ F $\pm 20\%$ 50V	
213	1640 5479	Capacitor - 4.7 μ F $\pm 20\%$ 50V	
214	1902 0006	IC - SRAM 256KX8 70NS G1	

45. MEMORY BOARD (A187/189)

BAT

SYMBOL NO.	INDEX NO.
BAT1	102

CAPACITOR

SYMBOL NO.	INDEX NO.
C1	119
C2	112
C3	111
C4	111
C5	110
C6	109

CONNECTOR

SYMBOL NO.	INDEX NO.
CN381	101

DA

SYMBOL NO.	INDEX NO.
DA1	107
DA2	105

IC

SYMBOL NO.	INDEX NO.
IC1	108
IC2	120

JP

SYMBOL NO.	INDEX NO.
JP1	118
JP2	118
JP3	118

Q

SYMBOL NO.	INDEX NO.
Q1	103
Q2	104
Q3	103

RESISTOR

SYMBOL NO.	INDEX NO.
R1	115
R2	113
R3	117
R4	115
R5	113
R6	114
R7	117
R8	116
R9	113
R10	113

SYMBOL NO.	INDEX NO.
R11	113

ZD

SYMBOL NO.	INDEX NO.
ZD1	106

45. MEMORY BOARD (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A166 5253	Memory Board	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 7195	Connector - 50p	
102	1206 0041	Lithium Cell - Br2330	
103	1401 0296	Transistor - 2SA1162Y	
104	1401 0298	Transistor - 2SC2712Y	
105	1401 0826	D 1SS181 85V 100MA	
106	1402 0682	Zener Diode - RD3.6M	
107	1402 1043	Diode - MA713	
108	1407 4542	IC - RTC-6583	
109	1605 0410	Capacitor - 4700PF $\pm 20\%$ 50V	
110	1605 0632	Capacitor - 0.1[F +80 -20%	
111	1605 0636	Capacitor - 0.1 μ F	
112	1606 1135	Capacitor - 470PF 50V	
113	1630 3103	Resistor - 10K Ω 1/10W $\pm 5\%$	
114	1630 3112	Resistor - 1.1K Ω $\pm 5\%$ 1/10W	
115	1630 3152	Resistor - 1.5k Ω - 1/10W	
116	1630 3202	Resistor - 2K Ω -1/10W	
117	1630 3472	Resistor - 4.7K Ω 1/10W $\pm 5\%$	
118	1633 0000	Resistor - 0 Ω 1/10W:Jamper CHIP	
119	1644 1100	Capacitor - 10 μ F $\pm 20\%$ 16V	
120	1902 0013	IC - SRAM 256KX8 100NS G4	

46. I/O CONTROL BOARD 1 (A187/189)

CAPACITOR

SYMBOL NO.	INDEX NO.
C251	142
C252	142
C253	142
C254	142
C255	142
C256	128
C257	128
C258	128
C259	126
C260	128

SYMBOL NO.	INDEX NO.
C261	127
C262	128
C263	128
C264	126
C265	126
C266	128
C267	126
C268	128
C269	126
C270	128

SYMBOL NO.	INDEX NO.
C271	126
C272	128
C273	126
C274	126
C275	127
C276	127
C277	127
C278	127
C279	127
C280	127

SYMBOL NO.	INDEX NO.
C281	125
C282	125

CHS

SYMBOL NO.	INDEX NO.
CHS251	3

CONNECTOR

SYMBOL NO.	INDEX NO.
CN251	113
CN252	110
CN253	107
CN254	103
CN255	102
CN256	114
CN257	112
CN258	108
CN259	111
CN260	109

SYMBOL NO.	INDEX NO.
CN261	105
CN262	106
CN265	104

DIODE

SYMBOL NO.	INDEX NO.
D251	115

DA

SYMBOL NO.	INDEX NO.
DA251	117

FIB

SYMBOL NO.	INDEX NO.
FIB251	129
FIB252	129
FIB253	129

IC

SYMBOL NO.	INDEX NO.
IC251	2
IC252	116
IC253	120
IC254	119
IC255	119
IC256	122
IC257	122
IC258	118
IC259	120
IC260	118

SYMBOL NO.	INDEX NO.
IC261	118
IC262	121
IC263	123

NF

SYMBOL NO.	INDEX NO.
NF251	124

RESISTOR

SYMBOL NO.	INDEX NO.
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-----	-----
R253	136
R254	130
R255	136
R256	130
R257	136
R258	130
R259	136
R260	130

RESISTOR

SYMBOL NO.	INDEX NO.
R261	136
R262	130
R263	136
R264	136
R265	130
R266	136
R267	130
R268	136
R269	130
R270	136

SYMBOL NO.	INDEX NO.
R271	136
R272	136
R273	131
R274	136
R275	131
R276	136
R277	131
R278	136
R279	136
R280	136

SYMBOL NO.	INDEX NO.
R291	140
R292	139
R293	141
R294	138
R295	134
R296	131
R297	130
R298	137
R299	133
R300	132

SYMBOL NO.	INDEX NO.
R301	135
R302	135

TP

SYMBOL NO.	INDEX NO.
TP251	101
TP252	101
TP253	101
TP254	101
TP255	101
TP256	101
TP257	101
TP258	101
TP259	101
TP260	101

SYMBOL NO.	INDEX NO.
TP261	101
TP262	101
TP263	101

46. I/O CONTROL BOARD 1 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A187 5368	I/O Control Board 1	1
1	A028 3146	Paper Feed Guide Spacer	1
2	AW14 0005	Humidity Sensor - CHS-YS-1	1
3	AW14 0006	Thermo Sensor - LM35DZ	1
4	A187 5921	Bracket - I/O Control Board 1	1
101	1101 0328	Connector Pin Contact	
102	1102 0907	Connector - 6p	
103	1102 0911	Connector - 8p	
104	1102 1567	Connector - 2p	
105	1102 4203	Ct Header - 4p	
106	1102 4205	Ct Header- 6p	
107	1102 4207	Connector - 8p	
108	1102 4208	Connector - 9p	
109	1102 4210	Connector - 11p	

Index No.	Part No.	Description	Q'ty Per Assembly
110	1102 4497	Connector - 13p	
111	1102 4621	Ct Header - 4p	
112	1102 4623	Ct Connector - 6p	
113	1102 4628	Connector - 11p	
114	1102 6592	Connector - 8p	
115	1401 0611	Diode - IS1588	
116	1401 0986	Transistor - UPA1552H	
117	1402 0492	Diode-array - DICA20	
118	1407 2231	IC - TD62308AF	
119	1407 2566	TTLIC - SN74LS166ANS	
120	1407 3257	Cmosic - TC74HC14AF	
121	1407 3522	IC - TD62304AF	
122	1407 4147	IC - M66320FP	
123	1408 0595	IC - NJM2904M	
124	1602 7032	Filter - Emi - 2200pf	
125	1605 0283	Capacitor - 1 μ F	
126	1605 0636	Capacitor - 0.1 μ F	
127	1606 1139	Capacitor - 0.01 μ F $\pm$ 20%	
128	1606 1537	Capacitor - 1000PF 50V	
129	1607 0814	Blm41p800spb	
130	1630 2100	Resistor - 10 Ω 1/8W $\pm$ 5%	
131	1630 2101	Resistor - 100 Ω 1/8W	
132	1630 2102	Resistor - 1K Ω 1/8W $\pm$ 5%	
133	1630 2103	Resistor - 10K Ω 1/8W	
134	1630 2104	Resistor - 100K Ω 1/8W $\pm$ 5%	
135	1630 2241	Resistor - 240 Ω	
136	1630 2472	Resistor - 4.7K Ω 1/8W $\pm$ 5%	
137	1630 2473	Resistor - 47K Ω 1/8W $\pm$ 5%	
138	1632 1003	Resistor - 100K Ω $\pm$ 1% 1/8W	
139	1632 1203	Resistor - 120K Ω $\pm$ 1% 1/8W	
140	1632 1503	Resistor - 150K Ω $\pm$ 1% 1/8W	
141	1632 3002	Resistor - 30K Ω $\pm$ 1% 1/8W	
142	1640 5101	Capacitor - 100 μ F $\pm$ 20% 50V	
143	0443 0060B	Hexagon Tapping Screw - M3x6	

47. I/O CONTROL BOARD 2 (A187/189)

CAPACITOR

SYMBOL NO.	INDEX NO.
C301	139
C302	139
C303	139
C304	139
C305	127
C306	127
C307	127
C308	128
C309	125
C310	128

SYMBOL NO.	INDEX NO.
C311	128
C312	128
C313	128
C314	128
C315	125
C316	128
C317	127
C318	128
C319	125
C320	128

SYMBOL NO.	INDEX NO.
C321	124
C322	126
C323	127
C324	127
C325	126
C326	124
C327	125
C328	125
C329	125
C330	126

SYMBOL NO.	INDEX NO.
C331	125

CONNECTOR

SYMBOL NO.	INDEX NO.
CN301	110
CN302	106
CN303	104
CN304	109
CN305	108
CN306	111
CN307	102
CN308	105
CN309	103
CN310	106

SYMBOL NO.	INDEX NO.
CN311	112
CN312	107

DIODE

SYMBOL NO.	INDEX NO.
D301	113

FIB

SYMBOL NO.	INDEX NO.
FIB301	129
FIB302	129

HB

SYMBOL NO.	INDEX NO.
HB301	122

IC

SYMBOL NO.	INDEX NO.
IC301	118
IC302	114
IC303	117
IC304	119
IC305	115
IC306	116
IC307	115
IC308	116

NF

SYMBOL NO.	INDEX NO.
NF301	123
NF302	123

RESISTOR

SYMBOL NO.	INDEX NO.
R301	120
R302	120
R303	121
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R306	133
R307	132
R308	135
R309	130
R310	135

SYMBOL NO.	INDEX NO.
R311	130
R312	135
R313	130
R314	135
R315	130
R316	135
R317	130
R318	130
R319	135
R320	135

SYMBOL NO.	INDEX NO.
R321	130
R322	135
R323	130
R324	135
R325	130
R326	135
R327	131
R328	135
R329	131
R330	135

RESISTOR

SYMBOL NO.	INDEX NO.
R331	135
R332	135
R333	131
R334	135
R335	135
R336	130
R337	136
R338	134
R339	138
R340	136

SYMBOL NO.	INDEX NO.
R341	134
R342	137
R343	130
R344	135
R345	130
R346	135

TP

SYMBOL NO.	INDEX NO.
TP301	101
TP302	101
TP303	101
TP304	101
TP305	101
TP306	101
TP307	101
TP308	101
TP309	101
TP310	101

SYMBOL NO.	INDEX NO.
TP311	101
TP312	101
TP313	101
TP314	101

47. I/O CONTROL BOARD 2 (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A187 5369	I/O Control Board 2	1
1	A028 3146	Paper Feed Guide Spacer	1
2	A069 5168	Heat Sink - Motor Board	1
3	A166 5931	Bracket - I/O Control Board 2	1
101	1101 0328	Connector Pin Contact	
102	1102 0907	Connector - 6p	
103	1102 0909	Connector - 7p	
104	1102 0911	Connector - 8p	
105	1102 4201	Connector - 2p	

Index No.	Part No.	Description	Q'ty Per Assembly
106	1102 4205	Ct Header- 6p	
107	1102 4206	Connector - 7p	
108	1102 4208	Connector - 9p	
109	1102 4209	Ct Header - 10p	
110	1102 4210	Connector - 11p	
111	1102 6594	Connector - 10p	
112	1103 1768	Connector - 2p	
113	1401 0611	Diode - IS1588	
114	1407 2231	IC - TD62308AF	
115	1407 2566	TTLIC - SN74LS166ANS	
116	1407 3257	Cmosic - TC74HC14AF	
117	1407 3522	IC - TD62304AF	
118	1407 3708	IC - SLA7026M	
119	1407 4147	IC - M66320FP	
120	1601 5267	Resistor - 0.68 Ω $\pm$ 5% 3W	
121	1601 5298	Resistor - 130 Ω $\pm$ 5% 3W	
122	1602 0934	RC Array - CR01-R	
123	1602 7032	Filter - Emi - 2200pf	
124	1605 0249	Capacitor - 2200pf $\pm$ 10%	
125	1605 0636	Capacitor - 0.1 μ F	
126	1606 1135	Capacitor - 470PF 50V	
127	1606 1139	Capacitor - 0.01 μ F $\pm$ 20%	
128	1606 1537	Capacitor - 1000PF 50V	
129	1607 0814	Blm41p800spb	
130	1630 2100	Resistor - 10 Ω 1/8W $\pm$ 5%	
131	1630 2101	Resistor - 100 Ω 1/8W	
132	1630 2102	Resistor - 1K Ω 1/8W $\pm$ 5%	
133	1630 2103	Resistor - 10K Ω 1/8W	
134	1630 2242	Resistor - 2.4K Ω 1/8W	
135	1630 2472	Resistor - 4.7K Ω 1/8W $\pm$ 5%	
136	1630 2473	Resistor - 47K Ω 1/8W $\pm$ 5%	
137	1632 1100	Resistor - 110 Ω $\pm$ 1% 1/8W	
138	1632 3000	Resistor - 300 Ω $\pm$ 1% 1/8W	
139	1640 5101	Capacitor - 100 μ F $\pm$ 20% 50V	

48. IPU SUB BOARD (A189)

CAPACITOR

SYMBOL NO.	INDEX NO.
C1	109
C2	109
C3	109
C4	109
C5	109
C6	109
C7	109
C8	109
C9	109
C10	109

SYMBOL NO.	INDEX NO.
C11	109
C12	109
C13	107
C14	109
C15	109
C16	109
C17	109
C18	109

CONNECTOR

SYMBOL NO.	INDEX NO.
CN1	102
CN2	101

IC

SYMBOL NO.	INDEX NO.
IC1	2
IC2	104
IC3	106
IC4	1
IC5	110
IC6	110
IC7	110
IC8	110
IC9	103
IC10	105

RESISTOR

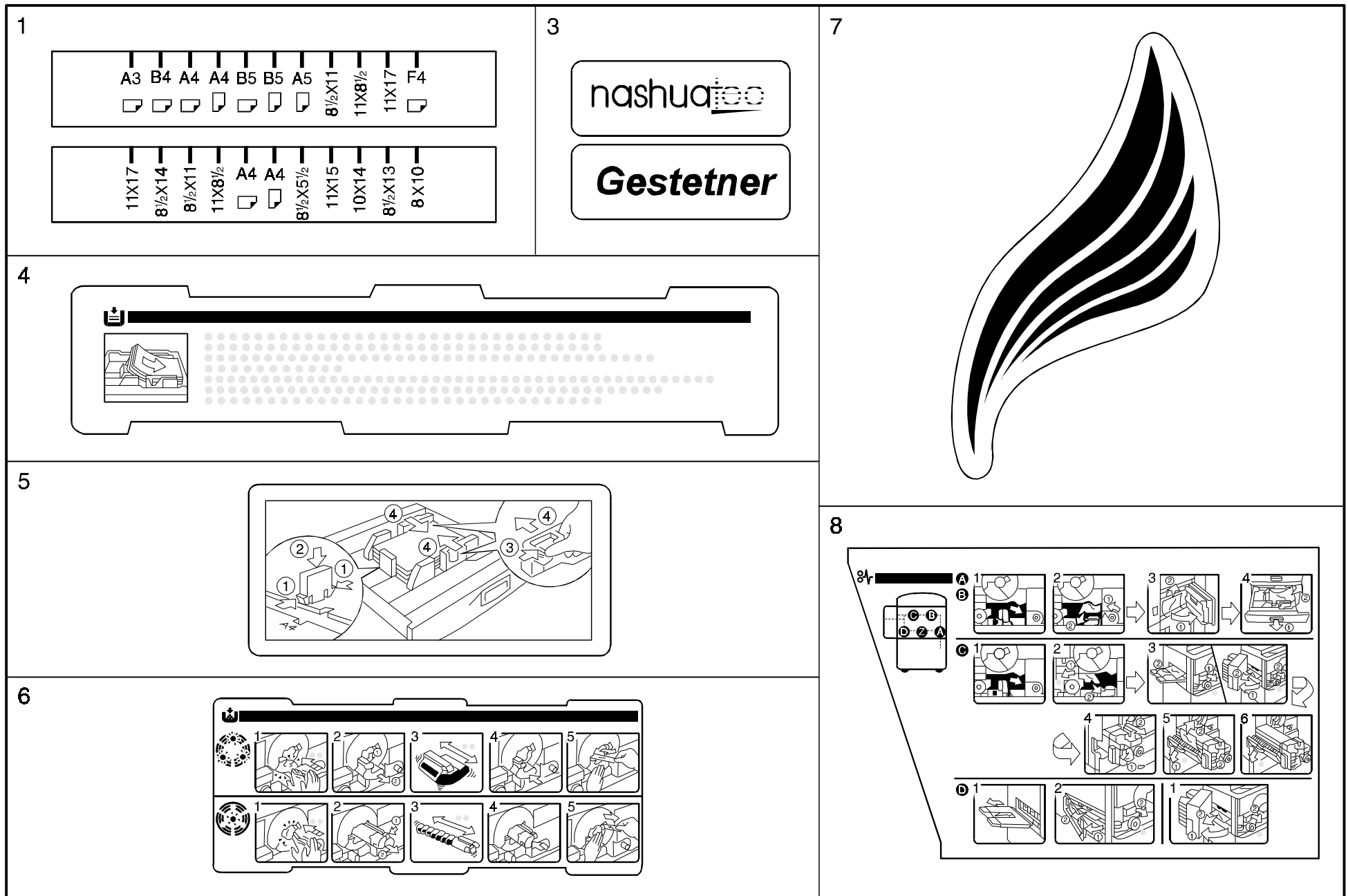
SYMBOL NO.	INDEX NO.
R1	108
R2	108
R5	108
R6	108
R7	108

48. IPU SUB BOARD (A189)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A166 5240	IPU Board - Edit	1
1	A166 5075	IC - TC26SC70	1
2	A166 5086	IC - UPD65650GJ-287-3EN	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4205	Ct Header- 6p	
102	1102 7153	Receptacle - PHEC120R-S110	
103	1407 2250	TTL SN74LS175NS	
104	1407 4091	IC - M66251AFP	
105	1407 4194	TTL SN74LS08M	
106	1407 4690	DRAM 16M 8BIT 70NS	
107	1604 4384	Capacitor - 100μF ±20% 16V	
108	1630 3330	Resistor - 33 Ω ±5% 1/10W	
109	1660 9104	C - 0.1μF 25v	
110	1901 0007	C DRAM 4M 1MX4 70NS G1	

49. DECAL AND DOCUMENT (A187/189)



17

18

CAUTION

INVISIBLE LASER RADIATION
WHEN OPEN AVOID
EXPOSURE TO BEAM

VORSICHT

UNSICHTBARE LASERSTRAHLUNG.
WENN ABDECKUNG GEOFFNET.
NICHT DEM STRAHL *



CAUTION

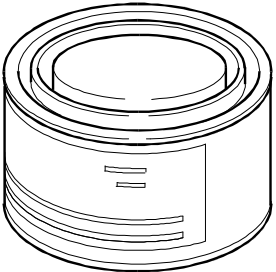
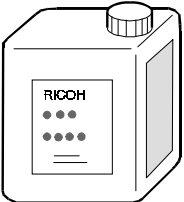
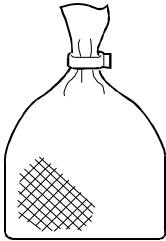
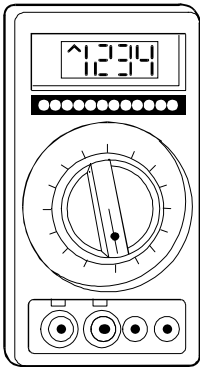
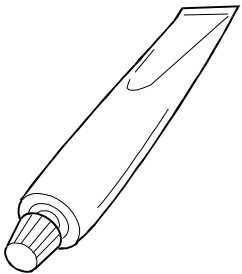
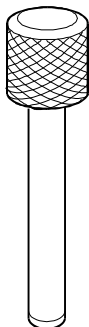
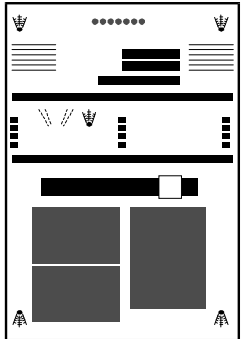
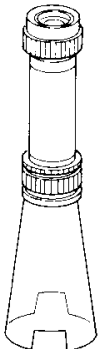
Do not pull the toner cartridge
except when adding toner -
toner may be spilled. >ps<

49. DECAL AND DOCUMENT (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A153 2995	Decal Paper Size - LT/DLT	1
1	A153 2996	Decal Paper Size - A4/A3	1
3	A153 6409	Decal - Keytop Cover (NRG)	1
3	C225 2867	Decal - Cover - Panel (NSA)	1
4	A157 2758	Decal - Paper Setting	1
5	A157 2805	Decal - Paper Set	1
6	A166 1372	Decal - Adding Toner	1
7	A166 1376	Color Decal	1
8	A166 1370	Decal - Operation	1
9	A166 1378	Decal - Emblem (RIC)	1
9	A166 6730	Emblem (SVN)	1
10	A166 1837	Decal - Caution	1
11	A166 3209	Decal - Development	1
12	A187 1528	Operation Decal (LT)	1
12	A187 1529	Operation Decal (A4)	1
14	AA00 0059	Caution Decal - English	1
15	AA00 0178	Decal - Thermofuse	2
16	AA00 0195	Decal - High Temperature	1
17	AA00 0600	Decal - LD	1
18	AA00 0602	Decal LD Cover	1
19	AA00 1373	Decal - Main Switch	1
20	AA00 2209	Decal - Paper Size	1
21	A187 8607	Operating Instructions - English LT (RIC)	1
21	A187 8650	Operating Instructions - English LT (SVN)	1
21	A187 8690	Operating Instructions - English A4 (NRG)	1
21	A187 8697	Operating Instructions - English LT (NRG)	1
22	A166 1369	Decal - Toner Cartridge	1
23	A166 1368	Color Decal (SVN)	1

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

50. SPECIAL TOOLS (A187/189)

1,7,11 	2 	3 	4 	5 
6 	8 	9 	10 	12 

50. SPECIAL TOOLS (A187/189)

Index No.	Part No.	Description	Q'ty Per Assembly
1	5203 9501	Silicone Grease G-501	1
2	5420 9550	Silicone Oil	1
3	5442 9101	Setting Powder	1
4	5420 9507	Digital Multimeter - Beckman	1
5	A008 9502	Silicone Grease G40M	1
6	A006 9104	Adjusting Scanner Pin (4pcs/set)	1
7	A028 9300	Grease Barrierta JFE 55/2	1
8	A092 9503	C4 Test Chart (3pcs/set)	1
9	5442 9103	Lawna Oil 40	1
10	C401 9503	20X Magnification Scope	1
11	5447 9078	Heat Resisting Grease - MT-78	1
12	A012 9111	Optical Cloth	1

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

PARTS INDEX

PM Parts Index

Section Name	Part No.	Description in Service Manual	Description in Parts Catalog	Q'ty Per Assembly	Page and Index No
OPTICS SECTION 1 (A187/189)	AX52 0032	Halogen Lamp	Exposure Lamp - 75V 160W	1	19- 19
OPTICS SECTION 4 (A187/189)	A166 1674	Dust Filter	Dust Filter 80	1	25- 11
PAPER FEEED SECTION 1 (A187/189)	A134 2674	Torque Limiter	Torque Limiter - 400fg	1	31- 31
	AF03 0024	By-pass Pick-up Roller	Pick-up Roller	1	31- 18
	AF03 1025	By-pass Feed Roller	Feed Roller	1	31- 17
	AF03 2025	By-pass Separation Roller	Separation Roller	1	31- 30
TRANSFER BELT UNIT 1 (A187/189)	A166 9515	Belt Transfer Corona Wire	Main Corona Wire (10pcs/set)	1	41- 18
TRANSFER BELT UNIT 2 (A187/189)	A166 6050	Transfer Belt	Transfer Belt	1	43- 17
DRUM SECTION (A187/189)	A049 2272	Grid	Charge Grid - 85T	1	45- 17
	A166 9510	Drum	OPC Drum	1	45- 30
	A166 9516	Charge Corona Wire	Charge Corona Wire (10pcs/set)	1	45- 23
DRUM CLEANING (A187/189)	A166 3576	Cleaning Blade	Drum Cleaning Blade	1	47- 1
	A166 3596	Lubricant Bar	Lubricant Plate	1	47- 20
	AD04 2031	Cleaning Brush	Cleaning Brush Roller	1	47- 10
TRANSFER BELT CLEANING (A187/189)	A166 6331	Cleaning Blade	Cleaning Blade - Transfer Belt	1	49- 14
TRANSPORT UNIT (A187/189)	A166 9514	Paper Transfer Corona Wire	Transfer Corona Wire - (10pcs/set)	1	51- 19
FUSING UNIT 1 (A187/189)	A166 4267	Exit Door Oil Pan Pad Ass'y	Oil Cleaning Felt	1	53- 19
FUSING UNIT 2 (A187/189)	A166 4102	Oil Supply Pad	Oil Supply Pad	1	55- 12
FUSING UNIT 3 (A187/189)	A166 4261	Left Oil Pan Pad	Cleaning Felt - 1	1	57- 37
	A166 4263	Bottom Front Oil Pan Pad	Cleaning Felt - 3	1	57- 45
	A166 4264	Rear Right Oil Pan Pad	Cleaning Felt - 4	3	57- 40
	A166 4265	Rear Left Oil Pan Pad	Cleaning Felt - 5	1	57- 39
	A166 4266	Front Oil Pan Pad	Cleaning Felt - 6	1	57- 38
	AE01 0014	Hot Roller	Hot Roller	1	57- 13
	AE02 0062	Pressure Roller	Pressure Roller	1	57- 17
	AE03 0007	Hot Roller Shaft Bearings	Ball Bearing-25x47x12mm	2	57- 11
	AE03 0019	Pressure Roller Shaft Bearings	Ball Bearing - 7x20x32	2	57- 16
	AE04 1003	Pressure Roller Cleaning Blade	Oil Cleaning Blade	1	57- 44
DUPLEX UNIT 2 (A187/189)	AF03 1032	Paper Feed Roller	Paper Feed Roller	1	63- 20
	AF03 2026	Separation Roller	Separation Roller	1	63- 31
DUPLEX UNIT 3 (A187/189)	AF01 3003	Bottom Plate Pad - Duplex	Bottom Plate Pad - Duplex	1	65- 2
SWEEPER (A187/189)	A109 6430	Lubricant Bar	Lubricant Bar	1	67- 17

PM Parts Index

Section Name	Part No.	Description in Service Manual	Description in Parts Catalog	Q'ty Per Assembly	Page and Index No
SWEeper (A187/189)	A166 6431	Lubricant Brush	Lubricant Brush	1	67- 14
ELECTRICAL SECTION 1 (A187/189)	AA01 0089	Rear Ozone Filter	Ozone Filter	1	73- 7
	AA01 0093	Exhost Ozone Filter	Ozone Filter	1	73- 16
	AA01 2092	Dust Filter (Fusing Unit)	Dust Filter	1	73- 4
	AA01 2098	Dust Filter	Dust Filter	1	73- 17
ELECTRICAL SECTION 3 (A187/189)	AA01 0092	Front Ozone Filter	Ozone Filter	1	77- 19
ELECTRICAL SECTION 4 (A187/189)	AA01 0095	Paper Exit Ozone Filter	Ozone Filter	1	79- 9
FRAME SECTION 3 (A187/189)	AA01 0094	Power Supply Ozone Filter	Ozone Filter	1	85- 13

Parts Index

Part No.	Description	Page and Index No.
A187 1101	Drive Unit - Main	71- 21
A187 1214	Front Cover Ass'y (RIC A187)	13- 1
A187 1217	Cover - Front - BF (INF A187)	13- 1
A187 1218	Cover - Front - BF (SVN A187)	13- 1
A187 1474	Operation Panel Ass'y - LT (A187)	11- 6
A187 1475	Operation Panel Ass'y - A4 (A187)	11- 6
A187 1526	Operation Decal (LT)	11- 29
A187 1527	Operation Decal (A4)	11- 29
A187 1528	Operation Decal (LT)	121- 12
A187 1529	Operation Decal (A4)	121- 12
A187 1752	CCD Drive Board (230V)(A187)	21- 12
A187 2053	LD Unit (230V)	27- *
A187 2094	LD Unit (230V)	27- 2
A187 4625	Heat Sink	77- 21
A187 5067	IC - Scanner	101- 7
A187 5090	Scanner IPU Board (A187)	21- 6
A187 5090	Scanner IPU Board	101- *
A187 5100	Front Scanner Harness (230V)	21- 3
A187 5106	Grounding Wire	25- 36
A187 5120	Scanner DC Harness (230V)	21- 11
A187 5251	SCU Board (RIC/INF)(230V)(A187)	11- 5
A187 5251	SCU Board (RIC/INF)(230V)	91- *
A187 5258	SCU Board (NRG)(230V)(A187)	11- 5
A187 5258	SCU Board (NRG)(230V)	91- *
A187 5268	SCU Board (115V)(A187)	11- 5
A187 5268	SCU Board (115V)	91- *
A187 5275	IC - SYSTEM CONTROL	91- 5
A187 5368	I/O Control Board 1	73- 1
A187 5368	I/O Control Board 1	115- *
A187 5369	I/O Control Board 2	73- 12
A187 5369	I/O Control Board 2	117- *
A187 5612	Rear Left Harness (230V)	75- 3
A187 5632	Rear Right DC Harness (230V)	75- 4
A187 5634	Harness - DC Quenching - SCU - EU	79- 20
A187 5645	DC Harness SCU (230V)	11- 3

Part No.	Description	Page and Index No
A187 5652	LD Control Harness (230V)	27- 17
A187 5653	Synchronizing Harness (230V)	27- 16
A187 5695	Harness - SCSI - EU (230V)	11- 4
A187 5695	Harness - SCSI - EU	79- 19
A187 5701	Grounding Wire - 55	27- 25
A187 5701	Grounding Wire (230V)	27- 26
A187 5921	Bracket - I/O Control Board 1	73- 18
A187 5921	Bracket - I/O Control Board 1	115- 4
A187 8607	Operating Instructions - English LT (RIC)	121- 21
A187 8650	Operating Instructions - English LT (SVN)	121- 21
A187 8690	Operating Instructions - English A4 (NRG)	121- 21
A187 8697	Operating Instructions - English LT (NRG)	121- 21

Part No.	Description	Page and Index No.
AA00 0059	Caution Decal - English	13- 18
AA00 0059	Caution Decal - English	121- 14
AA00 0178	Decal - Thermofuse	55- 8
AA00 0178	Decal - Thermofuse	57- 32
AA00 0178	Decal - Thermofuse	121- 15
AA00 0194	Decal - High Temperature	53- 18
AA00 0195	Decal - High Temperature	13- 27
AA00 0195	Decal - High Temperature	121- 16
AA00 0600	Decal - LD	27- 19
AA00 0600	Decal - LD	121- 17
AA00 0602	Decal LD Cover	27- 20
AA00 0602	Decal LD Cover	121- 18
AA00 1373	Decal - Main Switch	13- 30
AA00 1373	Decal - Main Switch	121- 19
AA00 2209	Decal - Paper Size	121- 20
AA01 0089	Ozone Filter	73- 7
AA01 0092	Ozone Filter	77- 19
AA01 0093	Ozone Filter	73- 16
AA01 0094	Ozone Filter	85- 13
AA01 0095	Ozone Filter	79- 9
AA01 2092	Dust Filter	73- 4
AA01 2098	Dust Filter	73- 17
AA03 1009	Oil Tank	53- 4
AA03 6007	Oil Tank Cap	53- 5
AA04 0025	Transfer Belt	51- 12
AA04 3373	Timing Belt - S2M308	63- 4
AA04 3374	Timing Belt - S2M800	65- 17
AA04 3460	Timing Belt - S2M 290	23- 7
AA05 0085	Scanner Wire	25- 5
AA05 1026	Scanner Stopper Wire	25- 29
AA06 0221	Gripper Solenoid Spring	23- 8
AA06 0221	Gripper Solenoid Spring	25- 6
AA06 0251	Spring	41- 17
AA06 0282	Pressure Spring	37- 12
AA06 0320	Release Spring	39- 1

Part No.	Description	Page and Index No
AA06 0534	Tray Lock Spring - 19mm	85- 21
AA06 0593	Spring	63- 38
AA06 0622	Spring	31- 11
AA06 0623	Spring	31- 15
AA06 0624	Spring	31- 9
AA06 0625	Spring	31- 6
AA06 0627	Spring	49- 13
AA06 0628	Spring	49- 7
AA06 0629	Spring	49- 24
AA06 0630	Spring	67- 20
AA06 0631	Spring - Release - Scraper	67- 1
AA06 0632	Spring - Blade	47- 2
AA06 0633	Tension Spring - Tightener	71- 9
AA06 0634	Spring - Tightener	69- 10
AA06 0635	Spring - Release	83- 16
AA06 0640	Spring	33- 15
AA06 0673	Pressure Spring	57- 41
AA06 3036	Terminal Spring	51- 21
AA06 3068	Spring Connector	75- 9
AA06 3143	Spring	41- 21
AA06 3205	Spring	33- 22
AA06 3283	Spring	47- 12
AA06 3284	Spring	55- 4
AA06 3285	Spring	55- 9
AA06 3291	Spring	35- 7
AA06 3369	Spring	43- 7
AA06 3370	Spring	65- 16
AA06 3385	Pressure Spring	63- 27
AA06 3499	Pressure Spring	31- 33
AA06 3505	Spring	59- 18
AA06 3532	Spring	75- 18
AA06 3533	Spring	71- 27
AA06 3534	Spring	69- 15
AA06 3535	Spring	69- 13
AA06 3536	Spring	53- 9

Part No.	Description	Page and Index No.
AA06 3546	Spring	43- 2
AA06 6094	End Fence Spring	65- 27
AA06 6104	Spring	33- 10
AA06 6249	Spring	33- 18
AA06 6272	Spring	83- 21
AA06 6552	Spring	37- 21
AA08 0037	Bushing - 6 mm	31- 34
AA08 0037	Bushing - 6 mm	35- 6
AA08 0128	Bushing - 6x9x8	63- 28
AA08 0166	Bushing - 8mm	53- 10
AA08 0189	Feed Roller Bushing - Front	33- 1
AA08 0190	Lift Arm Bushing	33- 17
AA08 0205	Bushing - 6mm	37- 3
AA08 0207	Bushing - 6mm	37- 6
AA08 2021	Bushing - 8x12x10mm	35- 3
AA08 2046	Bushing - 6x12x6	59- 27
AA08 2047	Bushing - 8x16x7	33- 28
AA08 2047	Bushing - 8x16x7	35- 4
AA08 2058	Bushing - 6x10x9mm	59- 16
AA08 3010	Clutch Roller - 6x14x10	31- 40
AA08 4044	Bearing Holder	43- 6
AA10 0009	Ring Stopper	49- 16
AA10 0009	Ring Stopper	67- 10
AA10 0010	Snap Ring - Pick Up Sol	31- 46
AA11 1208	Paper End Sensor Feeler	63- 9
AA11 3021	Heater Terminal	53- 3
AA11 3021	Heater Terminal	57- 6
AA12 0068	Antistatic Brush	51- 17
AA12 0079	Antistatic Brush	41- 24
AA12 0079	Antistatic Brush	43- 23
AA12 0080	Antistatic Brush	43- 21
AA12 0084	Discharge Brush - Duplex	59- 11
AA12 0084	Discharge Brush - Duplex	61- 16
AA13 2013	Spacer - 8.2	57- 36
AA13 2174	Spacer - M8	19- 14

Part No.	Description	Page and Index No
AA13 2184	Motor Cushion	63- 45
AA13 2192	Collar	37- 8
AA13 4099	Bushing	69- 21
AA14 0291	Bottom Plate Shaft	65- 6
AA14 0547	Drive Shaft	25- 17
AA14 0592	Fusing Drive Shaft	57- 30
AA14 0602	Feed Shaft	31- 41
AA14 3025	Stepped Screw - M3	67- 25
AA14 3062	Shoulder Screw - M4	59- 36
AA14 3074	Stepped Screw - M4x5	41- 11
AA14 3219	Stepped Screw	11- 15
AA14 3258	Stepped Screw - M4x7	57- 43
AA14 3307	Stepped Screw - M3x4	63- 23
AA14 3445	Stud - M4	33- 20
AA14 3452	Stepped Screw	75- 19
AA14 3454	Stepped Screw - M3	11- 11
AA14 3726	Stepped Screw	39- 8
AA14 5249	Development Drive Shaft	71- 7
AA14 5253	Shaft - 4x46	69- 4
AA14 5558	Spacer (A189)	21- 20
AA14 8252	End Fence Shaft	65- 28
AA14 8447	Guide Pin - Platen Cover	15- 11
AA15 0383	Right Rail Sheet	33- 14
AA15 0636	Seal - 90x29.5x0.2	19- 6
AA15 0656	SCSI Entrance Seal	25- 18
AA15 0657	Seal	19- 5
AA15 0660	Seal	25- 31
AA15 0661	Seal	25- 12
AA15 0662	Seal	25- 27
AA15 0663	Seal	25- 28
AA15 1242	Rear Seal - Toner Supply Shaft	37- 9
AA15 1998	Cushion - 10x30x5	29- 9
AA15 2255	Seal	47- 8
AA15 2256	Seal	47- 7
AA15 2360	Seal	27- 10

Part No.	Description	Page and Index No.
AA15 3006	Seal	37- 17
AA15 3020	Seal	37- 7
AA15 3022	Seal	25- 10
AA15 3023	Seal	73- 14
AA15 3025	Seal	85- 12
AA15 3027	Seal	83- 27
AA15 3028	Seal	83- 28
AA15 3029	Seal	83- 26
AA15 3030	Seal	77- 23
AA16 2053	Platen Cover Pad	15- 2
AA16 2068	Guide Plate Pad	61- 20
AA17 0019	Seal	41- 20
AA18 0054	Oil Supply Tube	53- 1
AB00 0021	Timing Pulley - 63Z	25- 23
AB01 0200	Gear - 27Z	69- 5
AB01 1165	Gear - 32Z	63- 34
AB01 1166	Gear - 33Z	63- 13
AB01 1167	Gear - 25Z	63- 32
AB01 1343	Idle Gear - 23z	31- 20
AB01 1344	Gear - 16Z	31- 35
AB01 1345	Gear - 20Z	31- 36
AB01 1346	Gear - 27Z	31- 38
AB01 1366	Gear - 42z	37- 15
AB01 1369	Gear - 56Z	37- 30
AB01 3318	Gear - 17Z	59- 25
AB01 3319	Gear - 18Z	59- 22
AB01 3801	Gear - 30Z	59- 17
AB01 3881	Gear - 31Z	65- 12
AB01 3947	Gear	39- 3
AB01 3948	Gear	39- 5
AB01 3949	Gear	39- 9
AB01 3952	Gear	71- 8
AB01 3953	Gear	71- 2
AB01 3954	Gear	71- 18
AB01 3955	Gear	71- 15

Part No.	Description	Page and Index No
AB01 3956	Gear	71- 19
AB01 3957	Gear - 80Z	69- 25
AB01 3958	Gear - 40Z	69- 19
AB01 3959	Gear - 20Z	71- 22
AB01 3960	Gear - 30Z	69- 16
AB01 3961	Gear - 40Z	69- 2
AB01 3962	Gear - 20Z	69- 17
AB01 3965	Gear - 16Z	47- 15
AB01 3966	Gear - 20Z	47- 14
AB01 3967	Gear - 18Z	59- 24
AB01 3968	Gear - 15Z	59- 26
AB01 3969	Gear - 45Z	57- 14
AB01 3970	Gear - 22Z	57- 34
AB01 3971	Gear - 22Z	57- 23
AB01 3973	Gear - 15Z	57- 27
AB01 3975	Gear - 20Z	57- 25
AB01 3976	Gear - 15Z	53- 24
AB01 3977	Gear - 16Z	55- 10
AB01 3978	Gear	49- 17
AB01 3979	Gear	67- 15
AB01 3980	Gear - 17Z	69- 27
AB01 3981	Gear - 30Z	43- 19
AB01 3982	Gear - 30Z	51- 11
AB01 3983	Gear - 16Z	57- 4
AB01 7332	Gear - 24Z/41Z	63- 33
AB01 7337	Gear - 15Z/55Z	63- 39
AB01 7339	End Fence Gear - 22z/58z	65- 14
AB01 7387	Gear - 14Z/96Z	71- 4
AB01 7400	Gear- 18z/68z	65- 13
AB01 7401	Gear - 20Z/60Z	69- 18
AB01 7402	Gear - 31Z/72Z	69- 7
AB01 7403	Gear - 25Z/24Z	69- 6
AB01 7407	Gear - 12Z/41Z	37- 31
AB03 0276	Tightener Pulley	71- 24
AB03 0388	Pulley - 16Z	69- 9

Part No.	Description	Page and Index No.
AB03 0459	Timing Pulley -22z	23- 11
AB03 0473	End Fence Pulley - 22z	65- 11
AB03 0474	Pulley - 24Z	63- 5
AB03 0525	Pulley - 24Z	71- 25
AB03 0526	Pulley - 45Z	69- 11
AB03 2717	Pulley - 26Z	19- 11
AB03 2717	Pulley - 26Z	25- 26
AB03 2718	Drive Pulley	25- 4
AB04 0015	Spring Clutch - Tray Bottom Plate	63- 35
AC02 0074	Cylindrical Lens	27- 13
AD00 2020	Drum Cleaning Unit	47- 0
AD00 4081	Charge Corona Unit	45- 15
AD01 5016	Drum Shaft Ass'y	69- 23
AD02 1116	Transfer Corona Receptacle	75- 7
AD02 1117	Transfer Corona Receptacle - Belt	75- 6
AD02 2263	Front Cover - Main Corona	41- 22
AD02 2265	Rear End Block - Charge Corona	45- 25
AD02 2266	Rear Cover - Charge Corona	45- 22
AD02 2321	Front End Block - Transfer Corona	51- 20
AD02 2323	Front End Block Cover - Transfer	51- 14
AD02 2324	Rear End Block Cover - Transfer	51- 18
AD02 2325	Front End Block - Charge Corona	45- 19
AD02 2326	Front End Block Cover - Charge	45- 20
AD02 2327	Rear End Block - Transfer Corona	51- 22
AD02 2328	T/S Corona Rear Cap	41- 19
AD03 3123	Left Caseing - Charge Corona	45- 5
AD03 3124	Right Caseing - Charge Corona	45- 31
AD04 2031	Cleaning Brush Roller	47- 10
AD04 3043	Toner Collection Coil - Transfer	47- 13
AD04 7016	Cleaning Entrance Seal	47- 3
AE01 0014	Hot Roller	57- 13
AE02 0062	Pressure Roller	57- 17
AE03 0007	Ball Bearing-25x47x12mm	57- 11
AE03 0019	Ball Bearing - 7x20x32	57- 16
AE03 1021	Bushing - 6mm	55- 5

Part No.	Description	Page and Index No
AE03 1022	Bushing - 4mm	55- 6
AE03 2007	Bushing - 20x25x12mm	57- 12
AE04 0011	Oil Toff Roller	55- 16
AE04 0012	Oil Supply Roller	55- 15
AE04 1003	Oil Cleaning Blade	57- 44
AF01 0018	Duplex Tray	61- 18
AF01 0018	Duplex Tray	65- 31
AF01 3003	Bottom Plate Pad - Duplex	65- 2
AF01 6160	Rear Side Fence	65- 3
AF01 6161	Front Side Fence	65- 4
AF01 7014	End Fence	65- 29
AF02 0319	Transport Roller	63- 1
AF02 0320	Right Transport Roller	63- 2
AF02 0356	Lower Registration Roller	35- 10
AF02 0357	Transfer Roller	35- 11
AF02 0360	Transport Relay Roller	59- 21
AF02 0382	Stack Roller	63- 17
AF02 0383	Vertical Driven Roller	29- 7
AF02 1055	Upper Registration Roller	35- 9
AF02 2069	Left Transport Roller	51- 10
AF02 2070	Right Transport Roller	51- 9
AF02 2077	Driven Roller	61- 7
AF02 2077	Driven Roller	63- 19
AF02 5026	Paper Exit Pawl	59- 20
AF03 0024	Pick-up Roller	31- 18
AF03 1025	Feed Roller	31- 17
AF03 1032	Paper Feed Roller	33- 8
AF03 1032	Paper Feed Roller	63- 20
AF03 2025	Separation Roller	31- 30
AF03 2026	Separation Roller	63- 31
AF04 0031	Upper Exit Roller	61- 11
AF04 0554	Paper Exit Roller	59- 19
AF04 3069	Copy Tray	13- 33
AF04 3076	Copy Tray Slide	13- 32
AF04 3077	Copy Tray Guide	13- 9

Part No.	Description	Page and Index No.
AG05 0079	Registration Knob	35- 1
AG05 0080	Fusing Knob	53- 7
AG07 0004	Magnetic Catch	67- 16
AG07 0004	Magnetic Catch	77- 3
AH01 0007	Rubber Foot	85- 2
AW01 0040	Original Sensor	23- 3
AW01 0046	Photosensor - Ee-spy415	39- 22
AW01 0072	Original Sensor	21- 14
AW02 0021	Photointerruptor - 175487-3	37- 18
AW02 0021	Photointerruptor - 175487-3	57- 19
AW02 0022	Photointerruptor	19- 18
AW02 0068	Photointerruptor	35- 5
AW02 0069	Photointerruptor	29- 6
AW02 0072	Photointerruptor	21- 2
AW02 0075	Photointerrupter	31- 3
AW02 0075	Photointerrupter	33- 11
AW02 0075	Photointerrupter	63- 7
AW02 0075	Photointerrupter	65- 18
AW02 0083	Photointerruptor	37- 23
AW02 0084	Photointerruptor	23- 16
AW03 0032	Optical Fiber	23- 21
AW03 0039	Optical Fiber - 75 700mm	23- 18
AW03 0039	Optical Fiber - 75 700mm	75- 2
AW03 0069	Optical Fiber - 75 1200mm	75- 16
AW03 0070	Optical Fiber - 75 1000mm	11- 2
AW11 0017	Thermostat - 140°C - AC120V 15A	19- 22
AW14 0005	Humidity Sensor - CHS-YS-1	115- 2
AW14 0006	Thermo Sensor - LM35DZ	115- 3
AW23 0009	Toner End Sensor	13- 21
AW33 0005	Drum Potencial Sensor	45- 6
AW50 0010	Push Switch	33- 26
AW50 0012	Push Switch	31- 24
AX05 0093	Motor - DC24V 9W	69- 1
AX06 0116	Motor - DC24V 20W	71- 1
AX06 0117	Motor - DC24V 4A	71- 13

Part No.	Description	Page and Index No
AX06 0124	Motor - DC24V 53W	23- 12
AX06 0131	Motor - DC24V 38W	71- 20
AX12 0039	DC Solenoid - 24v - 400gf	59- 35
AX12 0043	DC Solenoid	49- 5
AX12 0043	DC Solenoid	67- 11
AX20 0101	Magnetic Clutch - 2.5Kgf 35z	31- 39
AX20 0122	Magnetic Clutch - 0.049n.M35z	35- 15
AX20 0123	Magnetic Clutch - 0.98n M25z	35- 16
AX20 0124	Magnetic Clutch	33- 30
AX40 0021	Anti-condensation Heater-115V 18W	77- 13
AX40 0022	Anti-condensation Heater - 240V 18W	77- 13
AX40 0063	Anticondensation Heater - 120V9W	23- 4
AX40 0063	Anticondensation Heater - 120V9W	77- 17
AX40 0063	Anticondensation Heater - 120V9W	85- 10
AX40 0064	Anti Condensation Heater - 230V9W	77- 17
AX40 0064	Anti Condensation Heater - 230V9W	85- 10
AX43 0032	Fusing Lamp - 120V 400W	57- 15
AX43 0033	Fusing Lamp - 230V 400W	57- 15
AX44 0091	Fusing Lamp - 120V 670W	57- 9
AX44 0092	Fusing Lamp - 230V 670W	57- 9
AX52 0032	Exposure Lamp - 75V 160W	19- 19
AX64 0065	Fan Motor - DC24V 0.8A	23- 20
AX64 0065	Fan Motor - DC24V .08A	77- 2
AX64 0065	Fan Motor - DC24V .08A	77- 8
AX64 0065	Fan Motor - DC24V .08A	77- 20
AX64 0066	Fan Motor - DC24V 0.04A	23- 2
AX64 0066	Fan Motor - DC24V 0.04A	79- 15
AX64 0067	Fan Motor - DC24V 0.13A	23- 6
AX64 0068	Fan Motor - DC24V 0.09A	51- 8
AX64 0070	Fan Motor - DC24V 0.14A	73- 8
AX64 0071	Fan Motor - DC24V 0.17A	73- 3
AX64 0074	Fan Motor - DC24V 0.08A	79- 13
AZ02 0009	Coil 10mh 2A (230V)	21- 21
AZ23 0051	Lamp Regulator (115V)	21- 10
AZ23 0063	Lamp Regulator (230V)	21- 10

Part No.	Description	Page and Index No.
AZ24 0030	DC Power Supply Unit - 115V	79- 2
AZ24 0035	DC Power Supply Unit - 230V	79- 2
C200 4946	Clamper Sector Shaft	59- 30
C225 2867	Decal - Cover - Panel (NSA)	11- 32
C225 2867	Decal - Cover - Panel (NSA)	13- 31
C225 2867	Decal - Cover - Panel (NSA)	121- 3
C400 2671	Gear Spring	71- 17
C401 9503	20X Magnification Scope	123- 10
G011 3305	Gear - 16T	29- 24
G011 3305	Gear - 16T	65- 8
G012 4617	Stepped Screw - M3	55- 19
H072 2220	Spacer - M6x10	47- 24
H072 2220	Spacer - M6x10	57- 26
H085 1521	Drive Gear - ADF Feed : Z17	37- 16

Part No.	Description	Page and Index No
A006 9104	Adjusting Scanner Pin (4pcs/set)	123- 6
A007 3785	Toner Collection Bottle Cap	13- 20
A008 9502	Silicone Grease G40M	123- 5
A012 9111	Optical Cloth	123- 12
A028 3146	Paper Feed Guide Spacer	115- 1
A028 3146	Paper Feed Guide Spacer	117- 1
A028 7277	Entrance Gate Cushion	19- 4
A028 9300	Grease Barrierta JFE 55/2	123- 7
A030 4064	Spacer - Hot Roller	57- 10
A030 6231	Corona Wire Ring	51- 28
A048 2863	Release Arm - Paper End	33- 9
A049 2194	Seal	37- 32
A049 2194	Seal	39- 16
A049 2195	Seal	39- 17
A049 2272	Charge Grid - 85T	45- 17
A049 3945	Seal - Black	39- 18
A049 3946	Seal - Blue	39- 19
A053 1957	Flex Hinge - Platen Cover	15- 4
A053 2132	Bushing - 6x10x3	43- 9
A069 1883	Shoe - Scanner	19- 9
A069 2704	Guide Roller - 6x12x7.5	83- 22
A069 5168	Heat Sink - Motor Board	117- 2
A069 5352	Ground Wire - Scanner	23- 14
A092 9503	C4 Test Chart (3pcs/set)	123- 8
A096 1873	Scanner Shoe Pin	19- 13
A096 6266	Tray Lock Arm	85- 20
A100 1310	Platen Cover Hinge Ass'y	15- 8
A100 1324	Positioning Sensor Shutter	15- 7
A100 1325	Hinge Spacer	15- 9
A100 2056	Plate - Cylindrical Lens	27- 14
A100 5406	IC - Analog Processing	101- 1
A100 5406	IC - ANALOG PROCESSING	107- 1
A109 2287	Drum Flange Knob	45- 3
A109 5159	Heat Sink	87- 1
A109 5222	IC - RF5C221	101- 2

Part No.	Description	Page and Index No.
A109 5222	IC - RF5C221	107- 2
A109 6087	Spring Holder Cover - Transfer	43- 1
A109 6348	Lever Cushion	49- 9
A109 6348	Lever Cushion	67- 22
A109 6369	Entrance Seal Collar	49- 25
A109 6415	Lever Spring	67- 23
A109 6425	Brush Roller Spacer	67- 13
A109 6430	Lubricant Bar	67- 17
A133 7156	Left Scale (LT)	11- 12
A133 7157	Rear Scale (LT)	11- 16
A134 1071	Left Grip Plate	81- 4
A134 1071	Left Grip Plate	83- 1
A134 1072	Right Bracket - Grip Plate	81- 3
A134 1072	Right Bracket - Grip Plate	83- 7
A134 1073	Left Bracket - Grip Plate	81- 15
A134 1073	Left Bracket - Grip Plate	83- 2
A134 1392	Platen Cover Ass'y	15- 12
A134 1394	Front Platen Cover	15- 3
A134 1395	Rear Platen Cover	15- 5
A134 1396	Original Holder	15- 6
A134 1677	Front Tension Bracket	25- 7
A134 1678	Rear Tension Bracket	25- 19
A134 1680	Guide - Flexible Harness	25- 20
A134 1698	Idle Pulley	25- 15
A134 1722	Bracket - Drive Shaft	25- 22
A134 1724	Cushion - Stepper Motor	23- 10
A134 1726	Wire Stopper Plate	19- 24
A134 1728	Fly Wheel	23- 13
A134 1771	Front Terminal	19- 29
A134 1773	Rear Terminal	19- 28
A134 1776	Spring Plate - 1st Mirror	19- 16
A134 1782	2nd Scanner Ass'y	19- 27
A134 1791	Spring Plate - 2nd Mirror	19- 10
A134 1921	Scale - Left - Printing (A4)	11- 12
A134 1922	Rear Scale (A4)	11- 16

Part No.	Description	Page and Index No.
A134 1924	Exposure Glass	11- 14
A134 1926	Exposure Glass Stopper	19- 7
A134 1932	Stay - Scanner Upper Right	19- 26
A134 1933	Right Stopper - Exposure Glass	19- 25
A134 1962	Bracket Home Sensor	21- 1
A134 2587	Switch Bracket	29- 4
A134 2659	By-pass Feed Housing	31- 25
A134 2661	Feeler Roller	31- 21
A134 2663	Separation Guide	31- 29
A134 2668	Separation Driven Shaft	31- 32
A134 2674	Torque Limiter - 400fg	31- 31
A134 2692	By-pass Feed Table Ass'y	29- 2
A134 2697	By-pass Feed Table	29- 20
A134 2701	By-pass Feed Guide	29- 19
A134 2705	Magnet Catch Plate	29- 21
A134 2706	Rear Fence Rack	29- 23
A134 2707	Front Fence Rack	29- 12
A134 2711	Front Side Fence	29- 16
A134 2716	Rear Side Fence	29- 18
A134 2721	Front Paper Guide	29- 15
A134 2726	Rear Paper Guide	29- 17
A134 2741	By-pass Feed Entrance Guide	29- 14
A134 2746	By-pass Feed Cover	29- 11
A134 2921	Left Slide Rail	85- 18
A134 2926	Paper Feed Lock Bracket	85- 19
A134 2941	Bracket - Paper Sizesensor	33- 27
A134 2956	Paper Feed Front Cover	61- 1
A134 4512	Feed Roller Shaft	63- 22
A134 4525	End Fence	65- 26
A134 4619	Guide Plate Link	61- 12
A134 4620	Grounding Plate	65- 19
A134 4646	Separation Roller Shaft	63- 30
A134 4649	Paper Guide Holder	63- 18
A134 4654	Bottom Pressure Plate	65- 5
A134 4658	Vibrating Plate	63- 26

Part No.	Description	Page and Index No.
A134 4662	Duplex Guide Plate	63- 25
A134 4671	Bracket - Separation Roller	63- 29
A134 4676	Paper End Feeler	63- 3
A134 4688	Front Side Fence Rack	65- 10
A134 4689	Rear Side Fence Rack	65- 9
A134 4690	Clutch Stopper	63- 43
A134 4701	Front Upper Cover	61- 3
A134 4710	End Fence Actuator	65- 24
A134 4712	Right Cover Bracket	63- 46
A134 4714	Tightener	65- 15
A134 4720	End Fence Upper Cover	61- 2
A134 4721	Connector Cover	61- 4
A134 4726	Guide Plate Knob	61- 9
A134 4728	Inverter Feeler	61- 5
A134 4730	Entrance Feeler	61- 14
A134 4730	Entrance Feeler	61- 19
A134 4732	Upper Guide Plate	61- 6
A134 4739	Lower Guide Plate Knob	61- 10
A134 4740	Lower Guide Plate	61- 15
A134 4751	Front Side Plate	63- 44
A134 4765	Grounding Plate	63- 6
A134 4781	Rear Side Plate	63- 12
A134 4790	Paper End Sensor	63- 11
A134 4804	Guide Plate Stopper	63- 10
A134 4808	Rear Guide Holder	63- 21
A134 4809	Front Guide Holder	63- 16
A134 4884	Decal - Duplex Removal	61- 21
A134 4901	Duplex Right Rail	85- 17
A134 5190	LSD Board	27- 1
A134 5209	LSI - MSM518222-30JS-1	101- 3
A134 5209	LSI - MSM518222-30JS-1	107- 3
A134 5210	IC - D308102	101- 4
A134 5210	IC - D308102	107- 4
A134 5211	IC - D352101	101- 18
A134 5211	IC - D352101	107- 5

Part No.	Description	Page and Index No.
A134 5254	Duplexcontrol Board	65- 23
A134 5282	Paper Size Sensor Board	29- 22
A134 5291	Jogger Drive Motor DC 6.48w	65- 20
A134 5292	Jogger Drive Motor DC 10.56w	65- 21
A134 5320	Duplex Main Harness	65- 30
A134 5321	Sensor Relay Harness	65- 32
A134 5322	End Fence Harness	65- 25
A134 5323	Motor Harness	65- 22
A134 5370	Relay Harness - Scanner Lamp	19- 23
A134 5372	Harness - Scanner Lamp	21- 9
A153 1357	Operating Instruction Holder	11- 19
A153 1380	Platen Cover Bracket	15- 10
A153 2995	Decal Paper Size - LT/DLT	121- 1
A153 2996	Decal Paper Size - A4/A3	121- 1
A153 4461	Copy Tray Ass'y	13- 8
A153 6406	Model Name Plate (NRG)	13- 31
A153 6409	Decal - Keytop Cover (NRG)	11- 32
A153 6409	Decal - Keytop Cover (NRG)	121- 3
A153 6423	Support Cover (INF)	13- 2
A154 4616	Paper Holder	61- 17
A154 4620	Bottom Plate	65- 1
A154 4621	Front Guide Plate	65- 33
A154 4622	Rear Guide Plate	65- 34
A157 1087	Middle Stay	85- 9
A157 2758	Decal - Paper Setting	121- 4
A157 2770	Feed Roller	33- 7
A157 2772	Paper Stripper Shaft	33- 31
A157 2773	Feed Roller Holder	33- 23
A157 2775	Feed Roller Shaft	33- 6
A157 2781	Tray Positioning Rail	33- 13
A157 2782	Paper Tray Holder	33- 2
A157 2783	Left Rail	33- 25
A157 2785	Right Rail	33- 16
A157 2786	Lift Arm Stopper	33- 19
A157 2788	Lift Arm	33- 12

Part No.	Description	Page and Index No.
A157 2794	Lock Arm Stopper	33- 3
A157 2795	Stopper Bracket	33- 21
A157 2800	Paper End Sensor Bracket	33- 24
A157 2802	Paper End Sensor F	33- 5
A157 2804	Shield Plate - Paper End Sensor	33- 4
A157 2805	Decal - Paper Set	121- 5
A166 1076	Left Stay	85- 6
A166 1078	Right Stay	67- 8
A166 1078	Right Stay	85- 14
A166 1082	Upper Development Rail	85- 5
A166 1083	Sorter Stay	79- 1
A166 1084	DC Drive Stay	85- 4
A166 1091	Lower Transfer Stay	83- 17
A166 1121	Support Plate	71- 10
A166 1124	Thrust Ring	71- 26
A166 1126	Tightner Arm	71- 23
A166 1131	Timing Belt - BS3M549	71- 11
A166 1172	Duct Bracket - Fusing	73- 20
A166 1173	OPC Duct	73- 13
A166 1174	Inner Duct - Charge Unit	73- 6
A166 1175	Outer Duct - Charge Unit	73- 2
A166 1176	Inner Duct - Tranfer	73- 9
A166 1177	Duct Bracket - Transfer	81- 12
A166 1178	Fan Motor Bracket	77- 9
A166 1181	Front Right Duct	77- 18
A166 1182	Power Unit Duct	77- 1
A166 1183	Inner Duct - Fusing	73- 10
A166 1266	Front Left Cover	13- 7
A166 1271	Front Right Cover	11- 28
A166 1281	Left Cover	13- 13
A166 1291	Right Middle Cover	11- 26
A166 1301	Right Rear Cover	11- 24
A166 1306	Rear Cover Ass'y (LT)	11- 23
A166 1308	Rear Cover Ass'y (A4)	11- 23
A166 1319	Rivet	11- 20

Part No.	Description	Page and Index No
A166 1321	Grounding Plate	11- 37
A166 1322	Grounding Plate	11- 36
A166 1323	Grounding Plate	11- 35
A166 1326	Inner Cover - Safety Switch	13- 14
A166 1332	Upper Inner Cover	13- 5
A166 1335	Cover - Toner Cartrige Black	13- 26
A166 1339	Bracket - Upper Inner Cover	37- 25
A166 1341	Transport Inner Cover	13- 15
A166 1346	Left Cover Cap	11- 21
A166 1346	Left Cover Cap	13- 10
A166 1349	Cap - DFUnit	13- 3
A166 1353	Front Stopper Bracket	83- 5
A166 1354	Cover Hinge - Front Right	83- 4
A166 1355	Front Right Lower Bracket	83- 11
A166 1356	Front Left Lower Bracket	85- 3
A166 1357	Right Middle Cover Bracket	81- 9
A166 1361	Power Cord Cap	13- 11
A166 1363	Hinge Pin	13- 24
A166 1366	Switch Cover	11- 22
A166 1368	Color Decal (SVN)	13- 36
A166 1368	Color Decal (SVN)	121- 23
A166 1369	Decal - Toner Cartoridge	13- 28
A166 1369	Decal - Toner Cartridge	121- 22
A166 1370	Decal - Operation	13- 25
A166 1370	Decal - Operation	121- 8
A166 1372	Decal - Adding Toner	13- 23
A166 1372	Decal - Adding Toner	121- 6
A166 1376	Color Decal (RIC)	13- 35
A166 1376	Color Decal	121- 7
A166 1378	Decal - Emblem (RIC)	13- 2
A166 1378	Decal - Emblem (RIC)	121- 9
A166 1379	IC Card Cap	13- 12
A166 1380	Front Cover - System Control	11- 9
A166 1381	Right Cover - System Control	11- 27
A166 1382	Left Cover - System Control	11- 8

Part No.	Description	Page and Index No.
A166 1386	IC Card Cap	13- 34
A166 1525	Key Top Cover	11- 7
A166 1554	Lower Cover - Operation Panel	17- 1
A166 1657	Scanner Frame	25- 8
A166 1664	Left Grip	25- 9
A166 1667	Spring Plate	23- 26
A166 1671	IPU Board Bracket	23- 24
A166 1672	BRU Board Bracket	23- 22
A166 1674	Dust Filter 80	25- 11
A166 1677	Right Support Cover	19- 3
A166 1678	Scanner Clamp Bracket	23- 23
A166 1683	Lens Holder	25- 14
A166 1685	Platen Cover Bracket	19- 21
A166 1689	Rear Frame	25- 21
A166 1694	Front Frame	25- 3
A166 1696	Left Scanner Guide	25- 2
A166 1697	Right Scanner Guide	25- 1
A166 1698	Pulley Cover	25- 30
A166 1699	Scanner Rail Stay	23- 25
A166 1715	Motor Bracket	23- 9
A166 1728	1st Scanner Unit	19- 15
A166 1737	1st Mirror	19- 17
A166 1742	2nd Mirror Ass'y	19- 12
A166 1752	CCD Drive Board (115V)	21- 12
A166 1773	Flat Cable Guide	25- 16
A166 1775	Inner Cover IPU	21- 15
A166 1777	Scanner Motor Control Board	21- 7
A166 1777	Scanner Motor Control Board	87- 0
A166 1778	Motor Control Board Bracket	21- 17
A166 1778	Motor Control Board Bracket	87- 2
A166 1786	Fan Motor Bracket	23- 19
A166 1791	Board Bracket	23- 1
A166 1796	Connector Bracket	23- 17
A166 1802	Fan Caseing	23- 5
A166 1804	Spring Plate - Left	25- 34

Part No.	Description	Page and Index No
A166 1805	Spring Plate - Middle Rear	25- 35
A166 1806	Spring Plate - Right Front	25- 37
A166 1808	Grounding Plate - IPU (230V)	21- 22
A166 1812	Left Scale Bracket	19- 8
A166 1826	Scanner Front Cover	11- 13
A166 1827	Scanner Right Cover	11- 25
A166 1828	Scanner Left Cover	11- 10
A166 1829	Scanner Rear Cover	11- 18
A166 1837	Decal - Caution	11- 17
A166 1837	Decal - Caution	121- 10
A166 1902	Scanner Left Hinge	25- 13
A166 1905	Scanner Right Hinge	25- 24
A166 1910	Rod Holder	19- 2
A166 2051	LD Unit (115V)	27- 0
A166 2055	Optical Housing	27- 24
A166 2062	Shielding Glass	27- 11
A166 2066	Shielding Glass Guide	27- 12
A166 2076	Front Lens Holder	27- 6
A166 2077	Rear Lens Holder	27- 7
A166 2078	Lens - Blt	27- 5
A166 2081	Mirror Ass'y	27- 4
A166 2083	Front Mirror Holder	27- 8
A166 2084	Rear Mirror Holder	27- 9
A166 2092	LD Unit (115V)	27- 2
A166 2106	LD Unit Cover	27- 18
A166 2112	Left Harness Bracket	27- 21
A166 2114	Front Harness Bracket	27- 22
A166 2116	Right Harness Bracket	27- 23
A166 2250	Drum Rail	85- 7
A166 2261	Drum Shaft Holder	69- 22
A166 2266	Grounding Wire	69- 20
A166 2271	Receptacle - Chgarge Corona	75- 5
A166 2281	Duct - Charge Corona	73- 5
A166 2296	Drum Joint Shaft	69- 26
A166 2303	Drum Unit Upper Frame	45- 14

Part No.	Description	Page and Index No.
A166 2304	Upper Cover - Drum Unit	45- 13
A166 2305	Grid Wire	45- 12
A166 2309	Optical Lower Frame	45- 10
A166 2311	Shielding Plate - Density Sensor	45- 27
A166 2315	Density Sensor Cover	45- 9
A166 2321	Drum Support Plate	45- 4
A166 2327	Knob Screw	45- 21
A166 2331	Front Fixing Plate	45- 18
A166 2333	Rear Seal - Main Corona	45- 35
A166 2334	Seal	45- 34
A166 2336	Rear Density Sensor Brracket	45- 33
A166 2338	Middle Density Sensor Bracket	45- 32
A166 2339	Front Density Sensor Brracket	45- 16
A166 2350	Drum Drive Housing	69- 28
A166 2355	Drum Drive Support Plate	69- 14
A166 2361	Tightner Arm	69- 8
A166 2364	Timing Belt - B40S3M318	69- 12
A166 2385	Drive Shaft - Transfer Unit	69- 3
A166 2401	Fly Wheel - 200	69- 24
A166 2570	Lower Guide Plate	35- 8
A166 2596	Upper Guide Plate	35- 12
A166 2617	Registration Sensor Bracket	35- 17
A166 2629	Drive Unit	35- 13
A166 2641	Paper Feed Shaft Ass'y	33- 29
A166 2682	Vertical Transport Guide	29- 3
A166 2690	Spring Plate	29- 8
A166 2694	Hinge Bracket	85- 15
A166 2696	Vertical Transport Cover	29- 1
A166 2712	Lock Holder	85- 1
A166 2716	Paper Feed Guide Plate	35- 14
A166 2766	Paper Feed Support Plate	31- 14
A166 2768	Pick-up Arm	31- 13
A166 2776	Pressure Arm	31- 16
A166 2778	Spring Bracket	31- 12
A166 2779	Groundimng Plate	31- 44

Part No.	Description	Page and Index No
A166 2783	Separation Shaft	31- 37
A166 2785	Grounding Plate	31- 45
A166 2803	By-pass Feed Cover	31- 5
A166 2819	DC Solenoid - Pick-up	31- 10
A166 2831	DC Solenoid - Pressure	31- 8
A166 2839	Pressure Lever	31- 7
A166 2841	Release Bracket	31- 4
A166 2843	Harness Guide	31- 1
A166 2845	Spring Plate	31- 23
A166 2847	Paper End Feeler	31- 22
A166 2849	Drive Support Plate	31- 42
A166 2853	Middle Guide Plate	31- 28
A166 2855	Upper Guide Plate	31- 26
A166 2856	Lower Guide Plate	31- 27
A166 3013	Development Unit (RIC)	37- 0
A166 3014	Development Unit	37- 0
A166 3036	Toner Supply Unit (RIC)	37- 33
A166 3037	Toner Supply Unit	37- 33
A166 3133	Sealding Seal	39- 25
A166 3134	Toner Bottle Cap	39- 10
A166 3160	Entrance Guide	39- 11
A166 3170	Idle Gear	39- 6
A166 3184	Collection Knob	67- 3
A166 3190	Development Gear	39- 7
A166 3193	Stopper Dev Unit	37- 36
A166 3194	Stopper Chain	83- 24
A166 3195	Toner Collection Guide	67- 6
A166 3198	Toner Collection Bottle	67- 4
A166 3199	Development Fixing Plate	39- 21
A166 3201	Toner Collection Plate	39- 12
A166 3205	Development Unit Grip	39- 23
A166 3209	Decal - Development	39- 14
A166 3209	Decal - Development	121- 11
A166 3217	H.P. Sensor Bracket	37- 19
A166 3218	Development Unit Handle	13- 6

Part No.	Description	Page and Index No.
A166 3219	Grip Support Plate	13- 29
A166 3222	Sensor Bracket	37- 24
A166 3224	Gear Head	37- 14
A166 3225	Gear Release Bracket	37- 35
A166 3232	Toner Supply Motor	37- 29
A166 3235	Optical Sensor Cover	39- 24
A166 3270	Positioning Roller	39- 2
A166 3280	Rear Support Plate - Development	39- 4
A166 3285	Seal - Cyan	37- 37
A166 3286	Seal - Yellow	37- 38
A166 3287	Seal - Magenta	37- 39
A166 3290	Rear Support Plate	39- 20
A166 3295	Collection Plate Seal	39- 13
A166 3298	Collection Plate Magnet	39- 15
A166 3301	Toner Supply Side Plate	37- 11
A166 3306	Positioning Sensor Link - Black 1	37- 22
A166 3307	Positioning Sensor Link - Black 2	37- 20
A166 3308	Link Holder	37- 34
A166 3322	Collection Coil Cover	37- 1
A166 3323	Entrance Pad - Toner Supply Roller	37- 5
A166 3325	Toner Supply Roller Pad	37- 4
A166 3330	Toner Supply Roller	37- 10
A166 3332	Shutter Cover-toner Collection Coil	37- 27
A166 3334	Large Shutter Bracket	37- 28
A166 3336	Small Shutter Bracket	37- 26
A166 3339	DC Solenoid	45- 1
A166 3340	Solenoid Bracket	45- 2
A166 3348	Harness Clamp Bracket	45- 28
A166 3355	Black Toner Hopper Ass'y (RIC)	37- 2
A166 3357	Black Toner Hopper Ass'y	37- 2
A166 3363	Bias Terminal	75- 8
A166 3372	Drive Support Plate - Development	71- 5
A166 3374	Development Drive Bracket	71- 3
A166 3390	Development Revolver Bracket	71- 14
A166 3391	Hopper Drive Shaft	71- 16

Part No.	Description	Page and Index No
A166 3400	Development Bias Terminal	75- 17
A166 3412	Spacer	71- 6
A166 3420	Rear Release Holder	81- 18
A166 3511	Drum Cleaning Unit	47- 5
A166 3554	Cleaning Unit Cover	47- 19
A166 3556	Brush Roller Holder	47- 9
A166 3566	Brush Roller Drive Shaft	47- 16
A166 3571	Cleaning Blade Holder	47- 6
A166 3576	Drum Cleaning Blade	47- 1
A166 3581	Toner Collection Pipe	47- 11
A166 3586	Cleaning Seal	47- 18
A166 3587	Cleaning Blade Seal	47- 23
A166 3591	Entrance Seal	47- 4
A166 3592	Toner Collection Plate Seal	47- 22
A166 3593	Cleaning Cover Seal	47- 17
A166 3596	Lubricant Plate	47- 20
A166 3599	Lubricant Spring	47- 21
A166 3852	Transport Unit	51- 0
A166 3910	Transfer Tank	51- 27
A166 3920	Release Plate - Transfer Tank	83- 23
A166 3925	Transport Misfeed Knob	83- 18
A166 3928	Front Positioning Shaft	83- 19
A166 3929	Positioning Plate	83- 6
A166 3935	Positioning Shaft Support Plate	83- 8
A166 3940	Transfer Tank Frame	51- 7
A166 3942	Transfer Tank Rail	51- 3
A166 4014	Oil Supply Unit	53- 2
A166 4017	Driven Roller	59- 13
A166 4022	Fusing Unit (115V)	53- 0
A166 4032	Fusing Unit (230V)	53- 0
A166 4055	Lower Fusing Frame	57- 5
A166 4070	Upper Fusing Stay	55- 7
A166 4080	Adjuating Screw	57- 1
A166 4081	Adjusting Plate	57- 2
A166 4082	Pressure Roller Lever	57- 3

Part No.	Description	Page and Index No.
A166 4087	Rear Heater Holder	57- 18
A166 4089	Oil End Sensor Bracket	53- 26
A166 4092	Connector Bracket	53- 17
A166 4094	Stopper (230V)	81- 20
A166 4097	Pressure Roller Heater Holder	57- 24
A166 4098	Thermistor Harness Bracket	53- 21
A166 4100	Oil Sump	55- 13
A166 4102	Oil Supply Pad	55- 12
A166 4110	Fusing Entrance Guide	57- 31
A166 4111	Shielding Plate	57- 29
A166 4115	Exit Sensor Bracket	57- 20
A166 4120	Fusing Cleaning Roller	55- 17
A166 4121	Scraper Bracket	55- 3
A166 4122	Scraper Holder	55- 1
A166 4123	Fusing Roller Scraper	55- 2
A166 4124	Cushion	55- 18
A166 4125	Oil Pan	57- 8
A166 4133	Bracket - Blade	57- 42
A166 4148	Connector Bracket - Fusing	81- 2
A166 4164	Support Plate	57- 28
A166 4199	Fusing Unit Cover	53- 15
A166 4203	Fusing Left Cover	53- 14
A166 4235	Front Heater Holder	57- 7
A166 4261	Left Oil Pan Pad	57- 37
A166 4263	Bottom Front Oil Pan Pad	57- 45
A166 4264	Rear Right Oil Pan Pad	57- 40
A166 4265	Rear Left Oil Pan Pad	57- 39
A166 4266	Front Oil Pan Pad	57- 38
A166 4267	Oil Cleaning Felt	53- 19
A166 4270	Felt bracket	53- 20
A166 4280	Fusing Unit Rail	83- 12
A166 4284	Fusing Unit Lever	53- 11
A166 4285	Fusing Unit Lever	83- 9
A166 4287	Lever Knob	53- 23
A166 4290	Knob Joint	53- 6

Part No.	Description	Page and Index No
A166 4292	Drive Release Rod	83- 15
A166 4295	Drive Release Link	83- 14
A166 4296	Rod Holder	83- 13
A166 4297	Drive Release Slider	53- 8
A166 4350	Fusing And Paper Exit Unit	53- 13
A166 4439	Lower Guide Plate	59- 31
A166 4455	Spring Plate	51- 6
A166 4461	Hinge Bracket	59- 4
A166 4464	Paper Exit Guide	59- 12
A166 4466	Spring Plate	59- 14
A166 4467	Solenoid Bracket	59- 1
A166 4469	Solenoid Arm	59- 2
A166 4475	Duplex Drive Bracket	59- 23
A166 4480	Paper Exit Arm Holder	59- 5
A166 4482	Shielding Plate	59- 10
A166 4485	Inner Guide Plate	59- 33
A166 4488	Relay Bracket	59- 34
A166 4492	Exit Cover	59- 8
A166 4493	Front Holder - Copy Tray	59- 15
A166 4494	Rear Holder - Copy Tray	59- 6
A166 4496	Exit Cover Pawl	59- 9
A166 4498	Exit Cover Arm	59- 7
A166 4502	Duplex Unit	61- 0
A166 4508	Reverse Guide Plate	63- 24
A166 4530	Transport Drive Motor	63- 40
A166 4531	Motor Bracket	63- 42
A166 4532	Motor Bracket	63- 41
A166 4570	Stack Guide	61- 22
A166 4583	Antistatic Brush	63- 48
A166 4584	Antistatic Brush Bracket	63- 51
A166 4585	Antistatic Brush Guide	63- 49
A166 4587	Brush Holder	63- 47
A166 4619	Link	59- 28
A166 4620	Connector Bracket	59- 29
A166 5071	IC - HG51B206FD	101- 9

Part No.	Description	Page and Index No.
A166 5071	IC - HG51B206FD	107- 7
A166 5072	IC - TC26SC600AF	101- 10
A166 5072	IC - TC26SC600AF	107- 8
A166 5073	IC - IPU MPD65622GK-Y71	101- 11
A166 5073	IC - IPU MPD65622GK-Y71	107- 9
A166 5074	IC - MPD65656GD-020	101- 12
A166 5074	IC - MPD65656GD-020	107- 10
A166 5075	IC - TC26SC70	119- 1
A166 5076	IC - MPD65656GD-020	101- 13
A166 5076	IC - MPD65656GD-020	107- 11
A166 5077	IC - SH HG62G051R14F	101- 14
A166 5077	IC - SH HG62G051R14F	107- 12
A166 5077	IC - SH HG62G051R14F	111- 1
A166 5078	IC - HD6437034C33F	101- 5
A166 5078	IC - HD6437034C33F	107- 13
A166 5080	IDU Board	21- 13
A166 5086	IC - UPD65650GJ-287-3EN	119- 2
A166 5100	Front Scanner Harness (115V)	21- 3
A166 5110	Rear Scanner Harness	21- 4
A166 5115	Original Sensor Harness	21- 18
A166 5120	Scanner DC Harness (115V)	21- 11
A166 5120	Scanner DC Harness	23- 15
A166 5126	Scanner AC Harness	21- 8
A166 5131	Scanner Scsi Harness	21- 5
A166 5135	Exposure Lamp Harness	19- 20
A166 5150	PLD IPU	101- 15
A166 5240	IPU Board - Edit (A189)	21- 19
A166 5240	IPU Board - Edit	119- 0
A166 5253	Memory Board (A187)	11- 1
A166 5253	Memory Board (A189)	79- 16
A166 5253	Memory Board	113- 0
A166 5270	IC - UPD65641-AZ	91- 1
A166 5270	IC - UPD65641-AZ	95- 1
A166 5273	Connector - LMSA-9204B2-20204B-T	91- 2
A166 5274	Connector - LMSA-9204B2-20204B-T	91- 3

Part No.	Description	Page and Index No.
A166 5277	IC - ACC2036	91- 4
A166 5286	IC - M38802M2-V105	91- 7
A166 5286	IC - M38802M2-V105	95- 2
A166 5295	Harness - Edit - SCU1 (115V)	17- 5
A166 5296	Harness - Edit - SCU2 (115V)	17- 6
A166 5297	Harness - Edit - LCD (115V)	17- 7
A166 5336	Harness - Edit - SCU1 (230V)	17- 5
A166 5337	Harness - Edit - SCU2 (230V)	17- 6
A166 5338	Harness - Edit - LCD (230V)	17- 7
A166 5355	IC - 5GU040-013	111- 4
A166 5356	IC - Printer 3	111- 3
A166 5359	IC - Printer 1	111- 2
A166 5390	Polygon Motor	27- 3
A166 5395	Power Pack	73- 11
A166 5400	ID Sensor Board	45- 8
A166 5405	Quenching Lamp	45- 11
A166 5409	Thermistor - Pressure Roller	57- 21
A166 5410	Thermistor - Fusing Roller	55- 14
A166 5415	Thermo Fuse	55- 11
A166 5415	Thermo Fuse	57- 22
A166 5421	Transfer Belt Sensor	41- 14
A166 5560	Power Supply Cord - 120V	75- 13
A166 5561	Power Supply Cord - 230V	75- 13
A166 5612	Rear Left Harness (115V)	75- 3
A166 5631	AC Harness	75- 10
A166 5632	Rear Right DC Harness (115V)	75- 4
A166 5635	Relay Harness - Vertical Transport	85- 16
A166 5638	Transfer Belt Position Harness	41- 26
A166 5641	Belt Cleaning Harness	49- 28
A166 5645	DC Harness SCU (115V)	11- 3
A166 5646	Front DC Harness	79- 4
A166 5647	Development Harness	37- 13
A166 5648	Density Sensor Harness	45- 7
A166 5649	Regist Sensor Harness	35- 2
A166 5650	Transfer Harness	51- 23

Part No.	Description	Page and Index No.
A166 5651	By-pass Feed Harness	31- 2
A166 5652	Vertical Transfer Harness	29- 5
A166 5653	Synchronizing Harness (115V)	27- 16
A166 5654	LD Control Harness (115V)	27- 17
A166 5655	Polygon Harness	27- 15
A166 5656	Fusing Unit Harness	53- 16
A166 5657	Cleaning Relay Harness	49- 4
A166 5658	Toner Collection Relay Harness	13- 22
A166 5659	Key Counter Harness	77- 15
A166 5695	SCSI Harness (115V)	11- 4
A166 5721	Relay Harness - Oil End Sensor	53- 22
A166 5722	Grounding Harness	25- 38
A166 5722	Grounding Harness	79- 8
A166 5870	SCU Base	79- 6
A166 5874	Bracket - NV SCU	11- 31
A166 5877	LD Cover - Synchronizing	79- 10
A166 5879	SCU Fan Cover	79- 11
A166 5880	Operation Panel Bracket - SCU	11- 30
A166 5881	Board Bracket	79- 7
A166 5882	Shielding Plate	11- 33
A166 5886	Seal - Shielding Plate	11- 34
A166 5891	SCU Release Rod	79- 3
A166 5892	Operation Panel Bracket - Center	17- 3
A166 5893	Operation Panel Bracket - Right	17- 4
A166 5894	Operation Panel Bracket - Left	17- 2
A166 5924	SCU Right Release Arm	81- 5
A166 5925	Hinge - I/O Control Board 1	81- 10
A166 5926	Holder - I/O Control Board 1	81- 7
A166 5927	Grounding Plate	73- 15
A166 5931	Bracket - I/O Control Board 2	73- 19
A166 5931	Bracket - I/O Control Board 2	117- 3
A166 5935	Upper Holder - I/O Control Board 2	71- 12
A166 5935	Upper Holder - I/O Control Board 2	81- 19
A166 5937	Lower Holder - I/O Control Board 2	81- 14
A166 5938	Power Pack Bracket	73- 21

Part No.	Description	Page and Index No.
A166 5939	Power Pack Holder	81- 13
A166 5941	Switch Bracket	77- 5
A166 5942	Safety Switch Bracket	77- 7
A166 5943	Safety Switch Release Lever	77- 6
A166 5946	Switch Bracket	83- 10
A166 5951	Left Release Arm - Scanner	81- 17
A166 5952	Power Cord Cover	75- 12
A166 5955	Sorter Connector Bracket	75- 14
A166 5956	Optical Fiber Bracket	75- 15
A166 5957	Left Grip Cover	81- 1
A166 5958	Right Grip Cover	81- 11
A166 5959	Rear Right Harness Guide	81- 8
A166 5961	Connector Bracket - Cassette Bank	75- 1
A166 5962	Connector Bracket - Cleaner	83- 3
A166 5967	Key Counter Bracket	77- 14
A166 5968	Key Counter Fixing Bracket	83- 20
A166 5970	Left Hinge Bracket	81- 16
A166 5971	Right Hinge Bracket	81- 6
A166 5973	Grounding Plate	81- 21
A166 5974	Scanner Release Rod	19- 1
A166 5976	Fan Motor Bracket	79- 12
A166 5978	SCU Board Bracket	79- 18
A166 5979	Exit Fan Motor Bracket	79- 14
A166 5982	Exit Fan Harness Guide	85- 11
A166 5984	Shielding Plate	79- 22
A166 5985	Rear Grounding Plate - SCU	79- 21
A166 5986	Shielding Plate	79- 24
A166 5988	LD Shielding Plate - Front	85- 22
A166 5989	LD Shielding Plate - Right	25- 25
A166 5990	Grounding Plate	25- 32
A166 5991	Grounding Plate	25- 33
A166 5992	Grounding Plate	79- 26
A166 5993	Front Scanner Seal	79- 25
A166 5994	Rear Scanner Seal	79- 23
A166 5995	Shield - Scanner - Left Lower	79- 27

Part No.	Description	Page and Index No.
A166 6003	Transfer Belt Unit	41- 0
A166 6050	Transfer Belt	43- 17
A166 6052	Transfer Belt Drive Roller	43- 16
A166 6056	Belt Support Roller	41- 2
A166 6059	Pressure Roller	41- 6
A166 6059	Pressure Roller	43- 15
A166 6062	Transfer Roller	43- 11
A166 6068	Cleaning Side Plate	41- 4
A166 6070	Transfer Unit Guide Plate	77- 12
A166 6073	Front Side Plate - Transfer	43- 8
A166 6075	Rear Side Plate - Transfer	43- 18
A166 6078	Swing Roller Bracket	41- 7
A166 6080	Lifting Cam Shaft	43- 12
A166 6082	Lifting Cam	43- 13
A166 6084	Lifting Cam Lever	43- 10
A166 6085	Side Plate	43- 14
A166 6087	Transfer Corona Unit Bracket	41- 5
A166 6093	Positioning Sensor Bracket	41- 15
A166 6097	Front End Block - Main Corona	41- 16
A166 6100	Front Rail - Transfer Belt Unit	41- 8
A166 6101	Paper Tray Rail	85- 8
A166 6102	Charge Corona Unit	41- 29
A166 6103	Cushion - Positioning Pin	41- 12
A166 6105	Rear Rail - Transfer Belt Unit	41- 10
A166 6106	Frame Shaft	41- 9
A166 6110	Rear Corona Wire Terminal	41- 30
A166 6111	Spring Pin	41- 31
A166 6115	Belt Cleaning Unit Grip	41- 1
A166 6118	Transfer Belt Unit Release Knob	13- 4
A166 6118	Transfer Belt Unit Release Knob	83- 25
A166 6119	Transfer Belt Unit Grip	41- 13
A166 6120	Transfer Belt Unit Cap	77- 22
A166 6121	Snap Ring	41- 28
A166 6123	Transfer Tank Stay	51- 4
A166 6126	Brake Pad	43- 4

Part No.	Description	Page and Index No.
A166 6127	Bracke Disk	43- 3
A166 6128	Pad Holder	43- 5
A166 6129	Side Stay	41- 3
A166 6131	Inner Belt Cleaner	41- 27
A166 6142	Stopper Bracket	77- 11
A166 6143	Roller Stopper	43- 20
A166 6150	Bushing	67- 12
A166 6161	LED Array	49- 27
A166 6164	Seal - PTL	49- 33
A166 6166	Antistatic Brush Holder	43- 22
A166 6167	Antistatic Brush Holder	41- 23
A166 6168	Antistatic Brush Holder	41- 25
A166 6180	Arm	41- 32
A166 6200	Transfer Corona Unit	51- 2
A166 6210	Lower Guide Plate	51- 13
A166 6213	Upper Guide Plate	51- 1
A166 6216	Spring Plate	51- 5
A166 6230	T/S Corona Caseing	51- 24
A166 6245	Antistatic Brush Holder	51- 15
A166 6246	Grounding Plate - Antistatic Brush	51- 26
A166 6247	Grounding Plate	51- 25
A166 6260	Plate - Paper Transfer	77- 24
A166 6322	Blade Support Plate	49- 11
A166 6325	Lever Cushion	49- 12
A166 6331	Cleaning Blade - Transfer Belt	49- 14
A166 6336	Release Plate	49- 6
A166 6341	Entrance Seal	49- 23
A166 6347	Entrance Seal Lever	49- 19
A166 6348	Link Plate - Seal Lever	49- 15
A166 6353	Belt Cleaning Caseing	49- 20
A166 6357	Blade Seal	49- 10
A166 6358	Toner Collection Seal	49- 22
A166 6359	Belt Cleaning Seal	49- 21
A166 6361	Belt Cleaning Side Plate	49- 18
A166 6362	Seal	49- 32

Part No.	Description	Page and Index No.
A166 6363	Toner Collection Plate	49- 26
A166 6366	Solenoid Cover	49- 8
A166 6367	Cover Seal	49- 30
A166 6368	Cover Front Seal	49- 29
A166 6371	Toner Collection Coil	49- 3
A166 6381	Toner Collection Pipe	49- 1
A166 6388	Blade Release Wedge	49- 31
A166 6393	Belt Cleaning Holder	49- 2
A166 6422	Lubricant Holder	67- 9
A166 6425	Lever Guide Sheet	67- 18
A166 6427	Spring	67- 24
A166 6428	Spacer - Lubricant Bar	67- 26
A166 6431	Lubricant Brush	67- 14
A166 6436	Lubricant Support Plate	67- 2
A166 6462	Lubricant Pressure Bracket	67- 7
A166 6472	Link Solenoid	67- 19
A166 6473	Pressure Plate	67- 21
A166 6523	Disposed Toner Tank	13- 17
A166 6531	Collection Bottle Band	13- 16
A166 6535	Collection Bottle Holder	77- 10
A166 6712	Front Cover (NRG)	13- 1
A166 6730	Emblem (SVN)	13- 2
A166 6730	Emblem (SVN)	121- 9
A166 6751	Model Name Plate - GES	13- 31
A166 6752	Model Name Plate - NSA	13- 31
A166 6753	Model Name Plate - REX	13- 31
A166 6754	Model Name Plate - SVN	13- 31
A166 9099	Main Counter	77- 4
A166 9510	OPC Drum	45- 30
A166 9514	Transfer Corona Wire - (10pcs/set)	51- 19
A166 9515	Main Corona Wire (10pcs/set)	41- 18
A166 9516	Charge Corona Wire (10pcs/set)	45- 23
A172 1553	Editor Display	95- 3
A188 1464	Operation Panel Ass'y - LT Edit (A189)	11- 6
A188 1465	Operation Panel Ass'y - A4 Edit (A189)	11- 6

Part No.	Description	Page and Index No
A188 1752	CCD Drive Board (230V)(A189)	21- 12
A189 1214	Front Cover Ass'y (RIC A189)	13- 1
A189 1217	Cover - Front - BF (INF A189)	13- 1
A189 1218	Cover - Front - BF (SVN A189)	13- 1
A189 5067	IC - SCANNER	107- 6
A189 5067	IC - SCANNER	107- 14
A189 5090	Scanner IPU Board (A189)	21- 6
A189 5090	Scanner IPU Board	107- 0
A189 5240	SCU Board - Edit (RIC/INF)(230V)(A189)	79- 17
A189 5240	SCU Board - Edit (RIC/INF)(230V)	95- 0
A189 5250	SCU Board - Edit (NRG)(230V)(A189)	79- 17
A189 5250	SCU Board - Edit (NRG)(230V)	95- 0
A189 5260	SCU Board - Edit (115V)(A189)	79- 17
A189 5260	SCU Board - Edit (115V)	95- 0
A189 5281	EPROM - System Control (A189 NRG)(A4)	95- 9
A189 5282	EPROM - System Control (A189 NRG)(A4)	95- 10
A189 5283	EPROM - System Control (A189 NRG)(A4)	95- 11
A189 5284	EPROM - System Control (A189 NRG)(A4)	95- 12
A189 5291	EPROM - System Control (LT)	95- 5
A189 5292	EPROM - System Control (LT)	95- 6
A189 5293	EPROM - System Control (LT)	95- 7
A189 5294	EPROM - System Control (LT)	95- 8
A189 5363	Main Control Board	79- 5
A189 5363	Main Control Board	111- 0
A189 5445	IC - Printer 2	111- 5
A334 4706	Disk - Bottom Plate Clutch	63- 36
A399 6749	Delay Line - AT-30	101- 17
A399 6749	Delay Line - At-30	107- 15
A491 4690	Bottom Plate Hook	65- 7
A700 5106	IC - PI	91- 8
A700 5106	IC - PI	95- 4
5053 0223	Bushing - 8mm	57- 35
5053 0447	Bushing - 6mm	31- 43
5053 0447	Bushing - 6mm	51-102
5053 0447	Bushing - 6mm	63- 50

Part No.	Description	Page and Index No.
5203 9501	Silicone Grease G-501	123- 1
5206 2686	Snap Ring	53- 12
5206 2686	Snap Ring	61- 8
5209 5320	Oil End Sensor	53- 25
5215 2621	Snap Ring - M6	29- 10
5215 2621	Snap Ring - M6	63- 15
5304 1639	Bushing - 8mm	63- 14
5409 1855	Mounting Pin	45- 29
5413 1875	Knob Screw	59- 32
5413 1882	Stepped Screw	59- 3
5420 1515	Plate - Key Counter	77- 16
5420 9507	Digital Multimeter - Beckman	123- 4
5420 9550	Silicone Oil	123- 2
5442 2108	Corona Wire Spring	45- 24
5442 2108	Corona Wire Spring	51- 16
5442 2110	Plug - Corona Unit	45- 26
5442 3664	Toner Collection Bottle Cap - Small	13- 19
5442 3664	Toner Collection Bottle Cap - Small	67- 5
5442 9101	Setting Powder	123- 3
5442 9103	Lawna Oil 40	123- 9
5443 2668	Bushing - 4x6x7mm	63- 8
5446 5832	Connector Guide Pin	75- 11
5447 2681	Snap Ring	31- 19
5447 2681	Snap Ring	63- 37
5447 2768	Stepped Screw - M3	61- 13
5447 2927	Friction Pad - B	29- 13
5447 9078	Heat Resisting Grease - MT-78	123- 11
5448 2804	Platen Cover Sheet	15- 1

Part No.	Description	Page and Index No
0313 0040B	Philips Pan Head Screw - M3x4	31-106
0313 0040B	Philips Pan Head Screw - M3x4	59-108
0313 0050B	Philips Pan Head Screw - M3x5	63-107
0313 0100B	Philips Pan Head Screw - M3x10	41-106
0313 0140B	Philips Pan Head Screw - M3x14	19-101
0313 0140B	Philips Pan Head Screw - M3x14	29-102
0313 0140B	Philips Pan Head Screw - M3x14	59-110
0314 0060B	Philips Pan Head Screw - M4x6	57-105
0314 0080B	Philips Pan Head Screw - M4x8	43-105
0314 0100B	Philips Pan Head Screw - M4x10	23-111
0314 0100B	Philips Pan Head Screw - M4x10	53-108
0314 0100B	Philips Pan Head Screw - M4x10	57-106
0314 0120B	Philips Pan Head Screw - M4x12	19-104
0314 0120B	Philips Pan Head Screw - M4x12	21-101
0314 0250B	Philips Pan Head Screw - M4x25	23-101
0315 0100B	Philips Pan Head Screw - M5x10	41-107
0323 0080B	Philips Sunk Screw - M3x8	77-104
0344 0080F	Philips Truss Head Screw - M4x8	53-104
0344 0080F	Philips Truss Head Screw - M4x8	61-101
0353 0060W	Philips Pan Head Screw - M3x6	27-101
0353 0060W	Philips Pan Head Screw - M3x6	45-106
0353 0060W	Philips Pan Head Screw - M3x6	55-105
0353 0080B	Screw - M3X8	23-114
0353 0080B	Screw - M3X8	41-108
0353 0080B	Screw - M3X8	43-104
0413 0062W	Tapping Screw - M3x6	45-109
0413 0082B	Tapping Screw - M3x8	33-105
0414 0060B	Tapping Screw - M4x6	31-109
0414 0080B	Binding Self-tapping Screw - M4x8	25-104
0414 0080B	Binding Self-tapping Screw - M4x8	27-102
0414 0080B	Binding Self-tapping Screw - M4x8	31-107
0414 0080B	Binding Self-tapping Screw - M4x8	33-102
0414 0080W	Tapping Screw - M4x8	51-103
0414 0082F	Philips Truss Head Screw - M4x8	29-104
0414 0142W	Tapping Screw - M4x14	15-101

Part No.	Description	Page and Index No.
0433 0062B	Tapping Screw - M3 X 6 mm	45-107
0434 0060B	Philips Tapping Screw - M4x6	11-101
0434 0060B	Philips Tapping Screw - M4x6	19-103
0434 0060B	Philips Tapping Screw - M4x6	21-104
0434 0060B	Philips Tapping Screw - M4x6	23-106
0434 0060B	Philips Tapping Screw - M4x6	25-105
0434 0060B	Pan Head Self-tapping Screw - M4x6	27-104
0434 0060B	Philips Tapping Screw - M4x6	31-110
0434 0060B	Philips Tapping Screw - M4x6	33-101
0434 0060B	Philips Tapping Screw - M4x6	35-105
0434 0060B	Philips Tapping Screw - M4x6	37-105
0434 0060B	Philips Tapping Screw - M4x6	41-105
0434 0060B	Philips Tapping Screw - M4x6	43-106
0434 0060B	Philips Tapping Screw - M4x6	45-102
0434 0060B	Philips Tapping Screw - M4x6	47-103
0434 0060B	Philips Tapping Screw - M4x6	49-102
0434 0060B	Philips Tapping Screw - M4x6	51-104
0434 0060B	Philips Tapping Screw - M4x6	59-104
0434 0060B	Philips Tapping Screw - M4x6	63-109
0434 0060B	Philips Tapping Screw - M4x6	67-101
0434 0060B	Philips Tapping Screw - M4x6	71-107
0434 0060B	Philips Tapping Screw - M4x6	73-103
0434 0060B	Philips Tapping Screw - M4x6	75-103
0434 0060B	Philips Tapping Screw - M4x6	77-105
0434 0060B	Philips Tapping Screw - M4x6	81-101
0434 0060B	Philips Tapping Screw - M4x6	83-101
0434 0060B	Philips Tapping Screw - M4x6	85-101
0434 0102B	Tapping Screw - M4x8	25-110
0434 0140W	Philips Tapping Screw - M4x8	59-105
0443 0050B	Philips Pan Head Screw - M3x6	45-110
0443 0060B	Hexagon Tapping Screw - M3x6	11-102
0443 0060B	Hexagon Tapping Screw - M3x6	19-102
0443 0060B	Hexagon Tapping Screw - M3x6	21-102
0443 0060B	Hexagon Tapping Screw - M3x6	23-112
0443 0060B	Hexagon Tapping Screw - M3x6	33-106

Part No.	Description	Page and Index No
0443 0060B	Hexagon Tapping Screw - M3x6	35-107
0443 0060B	Hexagon Tapping Screw - M3x6	57-103
0443 0060B	Hexagon Tapping Screw - M3x6	59-102
0443 0060B	Hexagon Tapping Screw - M3x6	69-104
0443 0060B	Hexagon Tapping Screw - M3x6	75-104
0443 0060B	Hexagon Tapping Screw - M3x6	79-101
0443 0060B	Hexagon Tapping Screw - M3x6	115-143
0443 0060W	Hexagon Head Tapping Screw - M3x6	61-104
0443 0060W	Hexagon Head Tapping Screw - M3x6	63-102
0443 0080W	Hexagon Head Tapping Screw - M3x8	53-106
0450 4035B	Philips Tapping Screw - M4x35	23-102
0450 4035B	Philips Tapping Screw - M4x35	73-101
0450 4035B	Philips Tapping Screw - M4x35	77-101
0451 4008B	Philips Tapping Screw - M4x8	23-108
0451 4008B	Philips Tapping Screw - M4x8	25-106
0451 4008B	Philips Tapping Screw - M4x8	31-108
0451 4008B	Philips Tapping Screw - M4x8	35-106
0451 4008B	Philips Tapping Screw - M4x8	39-103
0451 4008B	Philips Tapping Screw - M4x8	43-107
0451 4008B	Philips Tapping Screw - M4x8	45-103
0451 4008B	Philips Tapping Screw - M4x8	59-106
0451 4008B	Philips Tapping Screw - M4x8	69-103
0451 4008B	Philips Tapping Screw - M4x8	71-109
0451 4008B	Philips Tapping Screw - M4x8	73-104
0451 4008B	Philips Tapping Screw - M4x8	75-107
0451 4030B	Philips Tapping Screw - M4x30	77-106
0451 4030B	Philips Tapping Screw - M4x30	79-103
0452 3008B	Tapping Screw - M3x8	11-104
0452 3008B	Tapping Screw - M3x8	45-101
0452 3008B	Tapping Screw - M3x8	47-102
0452 3008B	Tapping Screw - M3x8	69-107
0452 3008B	Tapping Screw - M3x8	75-108
0452 3010B	Tapping Bind Screw - M3x10	13-103
0452 3010B	Tapping Bind Screw - M3x10	45-111
0452 4008B	Tapping Bind Screw - M4x8	13-102

Part No.	Description	Page and Index No.
0452 4008B	Tapping Bind Screw - M4x8	17-103
0452 4008B	Tapping Bind Screw - M4x8	37-102
0452 4008B	Tapping Bind Screw - M4x8	53-103
0452 4008B	Tapping Bind Screw - M4x8	59-107
0452 4010B	Tapping Bind Screw - M4x10	29-103
0452 4010B	Tapping Bind Screw - M4x10	53-105
0452 4010B	Tapping Bind Screw - M4x10	69-102
0453 4010B	Tapping Bind Screw - M4x10	67-102
0453 4010B	Tapping Bind Screw - M4x10	71-108
0453 4010B	Tapping Bind Screw - M4x10	73-105
0453 4010B	Tapping Bind Screw - M4x10	83-103
0574 0050B	Hexagonal Headless Screw - M4x5	57-109
0574 0060E	Hexagon Headless Set Screw - M4x6	69-105
0575 0050E	Hexagon Headless Set Screw - M5x5	23-110
0575 0050E	Hexagon Headless Set Screw - M5x5	25-108
0575 0080E	Hexagon Headless Set Screw - M5x8	71-104
0622 0100E	Spring Pin - 2x10mm	31-103
0720 0025E	Retaining Ring - M2.5	33-103
0720 0025E	Retaining Ring - M2.5	55-103
0720 0025E	Retaining Ring - M2.5	65-105
0720 0030B	Retaining Ring - M3	33-107
0720 0030B	Retaining Ring - M3	41-104
0720 0030B	Retaining Ring - M3	49-103
0720 0030B	Retaining Ring - M3	67-104
0720 0030E	Retaining Ring - M3	63-105
0720 0040B	Retaining Ring - M4	31-104
0720 0040B	Retaining Ring - M4	35-104
0720 0040B	Retaining Ring - M4	37-101
0720 0040B	Retaining Ring - M4	39-101
0720 0040B	Retaining Ring - M4	43-103
0720 0040B	Retaining Ring - M4	47-104
0720 0040B	Retaining Ring - M4	51-105
0720 0040B	Retaining Ring - M4	53-101
0720 0040B	Retaining Ring - M4	55-104
0720 0040B	Retaining Ring - M4	59-103

Part No.	Description	Page and Index No
0720 0040B	Retaining Ring - M4	71-105
0720 0040B	Retaining Ring - M4	83-104
0720 0040E	Retaining Ring - M4	63-104
0720 0040E	Retaining Ring - M4	65-103
0720 0040E	Retaining Ring - M4	85-103
0720 0060B	Retaining Ring - M6	25-103
0720 0060B	Retaining Ring - M6	35-103
0720 0060B	Retaining Ring - M6	37-103
0720 0060B	Retaining Ring - M6	41-102
0720 0060B	Retaining Ring - M6	43-102
0720 0060B	Retaining Ring - M6	57-101
0720 0060B	Retaining Ring - M6	69-101
0720 0060B	Retaining Ring - M6	71-106
0720 0060B	Retaining Ring - M6	83-105
0720 0060E	Retaining Ring - M6	19-105
0720 0060E	Retaining Ring - M6	33-104
0720 0060E	Retaining Ring - M6	63-106
0725 0200E	Retaining Ring C - M20	57-107
0734 0806D	Philips Truss Head Screw - M4x5	57-108
0801 0149	Philips Pan Head Screw - M4x6	23-109
0801 0149	Philips Pan Head Screw - M4x6	45-105
0801 0149	Philips Pan Head Screw - M4x6	59-111
0801 0149	Philips Pan Head Screw - M4x6	75-105
0802 5094	Tapping Truss Head Screw - M4x8	11-103
0802 5094	Tapping Truss Head Screw - M4x8	13-101
0802 5231	Binding Self-tapping Screw - M3x6	61-103
0802 5232	Binding Self-tapping Screw - M3x8	65-102
0802 5234	Tapping Screw - M3x12	65-106
0802 5236	Binding Self-tapping Screw - M4x8	61-102
0802 5236	Binding Self-tapping Screw - M4x8	63-101
0802 5236	Binding Self-tapping Screw - M4x8	65-104
0802 5237	Binding Self-tapping Screw - M4x10	31-105
0802 5249	Tapping Screw M3x12	17-104
0805 3104	Ball Bearing - 8x22x7mm	57- 33
0805 3368	Ball Bearing - 8 X 16 X 5mm	25-101

Part No.	Description	Page and Index No.
0805 3385	Bushing - 6mm	67-103
0805 3482	Ball Bearing - 8x14x3.5	41-101
0805 3482	Ball Bearing - 8x14x3.5	43-101
0805 3482	Ball Bearing - 8x14x3.5	71-102
0805 3491	Bearing - 10X26X9	69-108
0805 3497	Bushing - 8x12x3.5mm	71-103
0807 4123	Spacer - 6x13x1	59-101
0950 3005M	Philips Screw With Lock Washer M3x5	53-107
0951 3006B	Philips Screw With Flat Washer - M3x6	65-101
0951 3006W	Philips Screw With Flat Washer-M3x6	45-108
0951 3006W	Philips Screw With Flat Washer-M3x6	47-101
0951 4006B	Philips Screw With Washer - M4x6	23-107
0951 4006B	Philips Screw With Washer - M4x6	25-107
0951 4008B	Philips Screw With Washer - M4x8	55-101
0951 4008B	Philips Screw With Washer - M4x8	63-103
0951 4010B	Philips Screw With Washer - M4x10	21-103
0951 5014W	Philips Screw W/h Flat Washer-M5x14	69-106
0952 3012B	Screw - M5X12	39-104
0952 4006B	Screw - Small Round - M4x6	37-104
0952 4006B	Screw - Small Round - M4x6	37-108
0952 4006B	Screw - Small Round - M4x6	39-102
0952 4006B	Screw - Small Round - M4x6	41-103
0952 4006B	Screw - Small Round - M4x6	49-101
0952 4006B	Screw - Small Round - M4x6	53-102
0952 4006B	Screw - Small Round - M4x6	55-102
0952 4006B	Screw - Small Round - M4x6	57-102
0952 4006B	Screw - Small Round - M4x6	57-104
0952 4006B	Screw - Small Round - M4x6	83-102
0952 4025B	Screw - M4X25	37-107
0960 4010B	Philips Flange Screw - M4 X 10	85-102
0965 3006B	Tapping Screw With Flat Washer M3x6	29-105
1005 0335	Earth Mark	81-102
1005 0952	Heat Synk	101-101
1005 0952	Heat Synk	107-103
1101 0328	Connector Pin Contact	87-101

Part No.	Description	Page and Index No
1101 0328	Connector Pin Contact	111-101
1101 0328	Connector Pin Contact	115-101
1101 0328	Connector Pin Contact	117-101
1101 0429	Test Pin	101-102
1101 0429	Test Pin	107-104
1102 0903	Connector - 4p	111-102
1102 0905	Connector - 5p	111-103
1102 0907	Connector - 6p	115-102
1102 0907	Connector - 6p	117-102
1102 0909	Connector - 7p	117-103
1102 0911	Connector - 8p	111-104
1102 0911	Connector - 8p	115-103
1102 0911	Connector - 8p	117-104
1102 0917	Pin Housing - 11p	111-105
1102 1119	Pin Connector - 5p	87-102
1102 1567	Connector - 2p	115-104
1102 2184	Connector - Fcc-2a - Mep	111-106
1102 3597	Pin Header - 4p	91-101
1102 3597	Pin Header - 4p	95-102
1102 4052	Optional Connector	23-104
1102 4052	Optional Connector	75-106
1102 4201	Connector - 2p	101-103
1102 4201	Connector - 2p	107-105
1102 4201	Connector - 2p	117-105
1102 4202	Connector - 3p	101-104
1102 4202	Connector - 3p	107-106
1102 4202	Connector - 3p	111-107
1102 4203	Ct Header - 4p	91-102
1102 4203	Ct Header - 4p	95-103
1102 4203	Ct Header - 4p	101-105
1102 4203	Ct Header - 4p	107-107
1102 4203	Ct Header - 4p	111-108
1102 4203	Ct Header - 4p	115-105
1102 4204	Ct Header - 5p	101-106
1102 4204	Ct Header - 5p	107-108

Part No.	Description	Page and Index No.
1102 4204	Ct Header - 5p	111-109
1102 4205	Ct Header- 6p	111-110
1102 4205	Ct Header- 6p	115-106
1102 4205	Ct Header- 6p	117-106
1102 4205	Ct Header- 6p	119-101
1102 4206	Connector - 7p	117-107
1102 4207	Connector - 8p	111-111
1102 4207	Connector - 8p	115-107
1102 4208	Connector - 9p	101-107
1102 4208	Connector - 9p	107-109
1102 4208	Connector - 9p	111-112
1102 4208	Connector - 9p	115-108
1102 4208	Connector - 9p	117-108
1102 4209	Ct Header - 10p	117-109
1102 4210	Connector - 11p	101-108
1102 4210	Connector - 11p	107-110
1102 4210	Connector - 11p	111-113
1102 4210	Connector - 11p	115-109
1102 4210	Connector - 11p	117-110
1102 4211	Ct Header - 12p	101-109
1102 4211	Ct Header - 12p	107-111
1102 4212	CT Header - 15p	87-103
1102 4212	Ct Header - 15p	101-110
1102 4212	Ct Header - 15p	107-112
1102 4497	Connector - 13p	115-110
1102 4522	Connector - 20p	111-114
1102 4620	Ct Header - 3p	101-111
1102 4620	Ct Header - 3p	107-113
1102 4621	Ct Header - 4p	115-111
1102 4623	Ct Connector - 6p	115-112
1102 4628	Connector - 11p	111-115
1102 4628	Connector - 11p	115-113
1102 4635	Connector - 6p	111-116
1102 4640	Connector - 11p	111-117
1102 4645	Ct Connector - 4p	111-118

Part No.	Description	Page and Index No
1102 4652	Connector - 11p	111-119
1102 5003	Fiber Connector - DC1002 - 2p	101-112
1102 5003	Fiber Connector - Dc1002 - 2p	107-114
1102 5007	Ct Header - 14p	101-113
1102 5007	Ct Header - 14p	107-115
1102 5144	Connector - 2p	31-101
1102 5181	Connector - 50p	101-114
1102 5181	Connector - 50p	107-116
1102 5195	Connector - 5p	31-102
1102 5304	Connector - 5p	87-104
1102 5306	Connector - 7p	91-103
1102 5306	Connector - 7p	95-104
1102 5306	Connector - 7p	111-120
1102 5375	Connector - 50p	91-104
1102 5375	Connector - 50p	95-105
1102 5375	Connector - 50p	111-121
1102 5718	Optical Fiber Connector	91-105
1102 5718	Optical Fiber Connector	95-106
1102 5718	Optical Fiber Connector	101-115
1102 5718	Optical Fiber Connector	107-117
1102 5718	Optical Fiber Connector	111-122
1102 5981	Fiber Connector	23-105
1102 6295	Connector - 2p	91-106
1102 6295	Connector - 2p	95-107
1102 6579	Receptacle Connector	101-116
1102 6579	Receptacle Connector	107-118
1102 6592	Connector - 8p	115-114
1102 6593	Connector - 9p	101-117
1102 6593	Connector - 9p	107-119
1102 6594	Connector - 10p	117-111
1102 6597	Connector - 13p	111-123
1102 7127	Connector - 100p	91-107
1102 7127	Connector - 100p	95-108
1102 7151	Connector - 40p	101-118
1102 7151	Connector - 40p	107-120

Part No.	Description	Page and Index No.
1102 7152	Plug - PHEC120P-S110	101-119
1102 7152	Plug - Phec120p-s110	107-121
1102 7153	Receptacle - PHEC120R-S110	119-102
1102 7195	Connector - 50p	113-101
1102 7196	Connector - 50p	91-108
1102 7196	Connector - 50p	95-109
1102 7273	Connector - 22p	95-110
1102 7274	Connector - 18p	95-111
1102 7275	Connector - 15p	95-112
1103 0428	Connector - 20p	111-124
1103 1768	Connector - 2p	117-112
1104 0307	Fuse Holder	91-167
1104 0307	Fuse Holder	95-113
1104 0307	Fuse Holder	111-125
1104 0376	IC Socket - 40p - DICF-40CS-E	101-120
1104 0376	IC Socket - 40p - DICF-40CS-E	107-122
1104 0376	IC Socket - 40p - DICF-40CS-E	111-126
1104 0589	Dip Socket : 32p	111-127
1104 0612	Connector - 40p	91-109
1104 0612	Connector - 40p	95-114
1104 0683	Socket - IMSA-9206H-GF	91-110
1104 0683	Socket - IMSA-9206H-GF	95-115
1105 0199	Clamp	25-109
1105 0199	Clamp	35-101
1105 0199	Clamp	51-101
1105 0199	Clamp	63-108
1105 0199	Clamp	77-107
1105 0199	Clamp	79-104
1105 0234	Clamp	27-103
1105 0243	Wire Saddle	35-102
1105 0243	Wire Saddle	73-106
1105 0246	Spacer	23-113
1105 0291	Wire Saddle	23-103
1105 0291	Wire Saddle	45-104
1105 0291	Wire Saddle	77-108

Part No.	Description	Page and Index No
1105 0291	Wire Saddle	79-105
1105 0292	Wire Saddle	81-105
1105 0310	Wire Clamp	31-111
1105 0310	Wire Clamp	37-106
1105 0310	Wire Clamp	71-110
1105 0310	Wire Clamp	73-102
1105 0310	Wire Clamp	75-102
1105 0310	Wire Clamp	79-107
1105 0310	Wire Clamp	81-103
1105 0316	Clamp	75-101
1105 0316	Clamp	79-106
1105 0328	Harness Clamp - ES-0505	25-102
1105 0328	Harness Clamp - ES-0505	73-107
1105 0334	Edge - 17	79-102
1105 0399	Card Spacer - Mps-10-0	73-108
1105 0421	Card Spacer - Mps-06-0	71-101
1106 0312	Cks - Clamp	17-102
1106 0458	Bushing - 9.9mm	81-104
1107 0745	Fuse - 1A 250V	79-108
1107 0745	Fuse - 1a 250v	111-128
1107 0747	Fuse - 1.6A 250V	91-111
1107 0747	Fuse (glass Case) - 1.6A - 250V	95-116
1204 1228	Switch	91-112
1204 1228	Switch	95-117
1204 1324	Dip Switch	111-129
1204 1543	Dip Switch	91-113
1204 1543	Dip Switch	95-118
1204 1545	Main Switch	77-102
1204 2152	Dip Switch	91-114
1204 2152	Dip Switch	95-119
1204 2221	Dip Switch - 8p	101-121
1204 2221	Dip Switch - 8p	107-123
1204 2356	Micro Switch - AM51612A531	29-101
1204 2356	Micro Switch - AM51612A531	59-109
1204 2437	Interlock Switch	77-103

Part No.	Description	Page and Index No.
1206 0041	Lithium Cell - Br2330	113-102
1400 0369	Transistor - 2sa1213y	95-120
1400 0382	Transistor - 2SA1037KR	101-122
1400 0382	Transistor - 2sa1037kr	107-124
1400 0398	Transistor - 2SC2412K	101-123
1400 0398	Transistor - 2sc2412k	107-125
1400 0517	Resistor - FN1L4M	95-121
1400 0519	Resistor - FA1L4M	95-122
1400 0560	Transistor - 2sa1369	95-123
1400 0646	Transistor - 2SC3377Q	101-124
1400 0646	Transistor - 2sc3377q	107-126
1401 0296	Transistor - 2sa1162y	111-130
1401 0296	Transistor - 2SA1162Y	113-103
1401 0298	Transistor - 2SC2712Y	113-104
1401 0611	Diode - IS1588	115-115
1401 0611	Diode - IS1588	117-113
1401 0694	Zener Diode - Rd6.8fb	95-124
1401 0694	Zener Diode - Rd6.8fb	111-131
1401 0696	Diode - VO6C	111-132
1401 0826	D 1SS181 85V 100MA	95-125
1401 0826	D 1SS181 85V 100MA	113-105
1401 0986	Transistor - UPA1552H	115-116
1401 1034	IC - 2SK366GR	111-133
1402 0476	Diode - 1SS184	95-126
1402 0477	Silicon Diode - 1ss187	111-134
1402 0492	Diode-array - DICA20	115-117
1402 0682	Zener Diode - RD3.6M	113-106
1402 0688	Diode	91-115
1402 0804	Silicon Diode - 45V - 0.3A	91-116
1402 0804	Silicon Diode - 45V - 0.3A	95-127
1402 1008	IC - HN2D01F	111-135
1402 1043	Diode - MA713	113-107
1402 1142	Diode Array - DAN217	101-125
1402 1142	Diode Array - DAN217	107-127
1402 1205	IC - RL102F	87-105

Part No.	Description	Page and Index No
1402 1270	Diode - EC11FS2	111-136
1402 1271	Diode - EA20QC04-F	91-117
1402 1271	Diode - EA20QC04-F	95-128
1402 1323	Diode - UDZ5.6B	101-126
1402 1323	Zener Diode - Udz5.6b	107-128
1403 0403	Diode - TLR223	101-127
1403 0403	Diode - TLR223	107-129
1403 0416	LED - Red - TLR123	111-137
1403 0499	LED - YELLOW	111-138
1403 0723	Photocoupler - Opic - Pc900v	111-139
1407 1596	TTLIC - SN74LS14NS	111-140
1407 1597	TTLIC - SN74LS10NS	111-141
1407 1600	TTLIC - SN74LS244NS	111-142
1407 1783	IC - 74LS02	95-129
1407 1878	IC - TC4053BF	111-143
1407 1880	TTLIC - SN74LS04NS	101-128
1407 1880	TTLIC - SN74LS04NS	107-130
1407 1880	TTLIC - SN74LS04NS	111-144
1407 1970	TTLIC - SN74LS07N	87-106
1407 2052	TTLIC - SN74LS74ANS	101-129
1407 2052	TTLIC - SN74LS74ANS	107-131
1407 2081	TTLIC - SN74LS08NS	111-145
1407 2142	TTLIC - 74F240SJ	101-130
1407 2142	TTLIC - 74F240SJ	107-132
1407 2143	TTLIC - 74F244SJ	101-131
1407 2143	TTLIC - 74F244SJ	107-133
1407 2143	TTLIC - 74F244SJ	111-146
1407 2144	TTLIC - 74F245SJ	101-132
1407 2144	TTLIC - 74F245SJ	107-134
1407 2144	TTLIC - 74F245SJ	111-147
1407 2187	TTLIC - SN74LS07NS	91-118
1407 2187	TTLIC - SN74LS07NS	95-130
1407 2187	TTLIC - SN74LS07NS	101-133
1407 2187	TTLIC - SN74LS07NS	107-135
1407 2187	TTLIC - SN74LS07NS	111-148

Part No.	Description	Page and Index No.
1407 2218	TTLIC - SN74LS06NS	101-134
1407 2218	TTLIC - SN74LS06NS	107-136
1407 2231	IC - TD62308AF	101-135
1407 2231	IC - TD62308AF	107-137
1407 2231	IC - TD62308AF	111-149
1407 2231	IC - TD62308AF	115-118
1407 2231	IC - TD62308AF	117-114
1407 2247	TTL - SN74LS164NS	111-150
1407 2250	TTL SN74LS175NS	119-103
1407 2378	TTL - SN74ALS245ANS	101-136
1407 2378	TTL - SN74ALS245ANS	107-138
1407 2378	TTL - SN74ALS245ANS	111-151
1407 2561	TTLIC 74F157ASJ	101-137
1407 2561	TTLIC 74F157ASJ	107-139
1407 2561	TTLIC 74F157ASJ	111-152
1407 2566	TTLIC - SN74LS166ANS	115-119
1407 2566	TTLIC - SN74LS166ANS	117-115
1407 2816	TTL - SN74ALS374ANS	101-138
1407 2816	TTL - SN74ALS374ANS	107-140
1407 2879	CMOS ACT373	91-119
1407 2879	IC - 74ACT373SJ-CMOS FATE	95-131
1407 3008	TTL - SN74ALS244CNS	101-139
1407 3008	TTL - SN74ALS244CNS	107-141
1407 3197	IC - SN74ALS240ANS	101-140
1407 3197	IC - SN74ALS240ANS	107-142
1407 3257	Cmosic - TC74HC14AF	91-120
1407 3257	Cmosic - Tc74hc14af	95-132
1407 3257	Cmosic - TC74HC14AF	115-120
1407 3257	Cmosic - TC74HC14AF	117-116
1407 3381	Cmos - IC - TC74HC4066AF	101-141
1407 3381	Cmos - IC - Tc74hc4066af	107-143
1407 3522	IC - TD62304AF	115-121
1407 3522	IC - TD62304AF	117-117
1407 3708	IC - SLA7026M	117-118
1407 3722	IC - TC74ACT04F	91-121

Part No.	Description	Page and Index No
1407 3722	IC - TC74ACT04F	95-133
1407 3723	IC - TC74ACT08F	91-122
1407 3723	IC - TC74ACT08F	95-134
1407 3728	IC - TC74ACT244F	91-123
1407 3728	IC - TC74ACT244F	95-135
1407 3729	IC - TC74ACT245F	91-124
1407 3729	IC - TC74ACT245F	95-136
1407 3852	IC - MB89371AH	91-125
1407 3852	IC - MB89371AH	95-137
1407 3974	IC - TC74AC02F	95-138
1407 3987	IC - TC74ACT32F	91-126
1407 3987	IC - TC74ACT32F	95-139
1407 4023	IC - M62353GP	101-142
1407 4023	IC - M62353GP	107-144
1407 4091	IC - M66251AFP	119-104
1407 4092	IC - M66253FP	101-143
1407 4092	IC - M66253FP	107-145
1407 4109	IC - CXD1175AM	101-144
1407 4109	IC - CXD1175AM	107-146
1407 4114	IC - SN751177	91-127
1407 4114	IC - SN751177	95-140
1407 4137	IC - MM1035XF	111-153
1407 4147	IC - M66320FP	115-122
1407 4147	IC - M66320FP	117-119
1407 4189	IC - Upd42280gu - 60	101-145
1407 4189	IC - Upd42280gu - 60	107-147
1407 4189	IC - Upd42280gu - 60	111-154
1407 4194	TTL SN74LS08M	119-105
1407 4235	IC - SLA5011 LF802	87-107
1407 4236	IC - SLA5012 LF802	87-108
1407 4248	IC - NG80386SX-20	91-128
1407 4347	IC - SYM53CF96-2-100QPF	91-129
1407 4347	IC - SYM53CF96-2-100QPF	95-141
1407 4347	IC - SYM53CF96-2-100QPF	101-146
1407 4347	IC - SYM53CF96-2-100QPF	107-148

Part No.	Description	Page and Index No.
1407 4347	IC - SYM53CF96-2-100QPF	111-155
1407 4415	IC - TC7WU04F	101-147
1407 4415	IC - TC7WU04F	107-149
1407 4483	IC - TC74ACT00F	95-142
1407 4520	IC - F65510	95-143
1407 4536	IC - ICS1574	111-156
1407 4542	IC - RTC-6583	113-108
1407 4554	IC - SN74HC02NS	111-157
1407 4584	IC - NG803865X-25	95-144
1407 4595	PLD EPM7032LC44-15	101- 16
1407 4595	PLD EPM7032LC44-15	107-102
1407 4599	IC - MB89255AH-PF-G-BND	111-158
1407 4600	IC - ACC2036SD-25	95-145
1407 4607	IC - 16M X 1670NS	95-146
1407 464	MCU HD6437034F20	107-101
1407 4645	MCU HD6437034F20	101- 6
1407 4657	IC - RS5 μ F1050	101-148
1407 4657	IC - RS5 μ F1050	107-150
1407 4658	MPU M37451E4P OTPROM	95-101
1407 4690	DRAM 16M 8BIT 70NS	119-106
1408 0306	IC - 78012AP	101-149
1408 0595	IC - NJM2904M	101-150
1408 0595	IC - NJM2904M	107-151
1408 0595	IC - NJM2904M	111-159
1408 0595	IC - NJM2904M	115-123
1408 0611	IC - 3771	91-130
1408 0611	IC - 3771	95-147
1408 0611	IC - 3771	101-151
1408 0611	IC - 3771	107-152
1408 0629	IC - 78M12A	107-153
1408 0759	Opeamp - Njm3403am	111-160
1408 0875	Transistor-array - Td62382af	111-161
1408 0920	Opeamp - Njm2902e	111-162
1408 0923	IC - RH5VL40C	95-148
1408 1013	IC - Si - 7501	87-109

Part No.	Description	Page and Index No
1408 1082	IC - M62354FP	101-152
1408 1082	D/a Converter - M62354fp	107-154
1408 1082	D/a Converter - M62354fp	111-163
1408 1126	IC - BH9590FP-Y	101-153
1408 1163	Regurator - 20v	111-164
1408 1202	IC - BH9590FP-Y	91-131
1408 1202	Scsi Active Terminator -bh9595fp-y	95-149
1408 1202	Scsi Active Terminator -bh9595fp-y	107-155
1503 0418	Crystal Oscillator - 4.9152Mhz	91-132
1503 0418	Crystal Oscillator - 4.9152mhz	95-150
1503 0558	Oscillator - 50.00m Hz	95-151
1503 0635	Oscillator - AT-49 17.9Mhz	101-154
1503 0635	Oscillator - At-49 17.9mhz	107-156
1503 0636	Oscillator - AT-51 19.6608Mhz	101-155
1503 0636	Oscillator - At-51 19.6608mhz	107-157
1503 0637	Oscillator - 1341-B1 25Mhz	101-156
1503 0637	Crystal Oscillator - 1341-b1 - 25mhz	107-158
1503 0637	Crystal Oscillator - 1341-b1 - 25mhz	111-165
1503 0638	Oscillator - EX0-8f 40.000Mhz	91-133
1503 0638	Oscillator - Ex0-8f 40.000mhz	95-152
1503 0639	Oscillator - EX0-8f 32.000 Mhz	91-134
1503 0640	Oscillator - MSD-49 16.0Mhz	91-135
1503 0640	Oscillator - Msd-49 16.0mhz	95-153
1503 0641	Oscillator - SMD-49 14.31818Mhz	91-136
1503 0641	Oscillator - Smd-49 14.31818mhz	95-154
1503 0642	Oscillator - MSD-49 9.8304Mhz	91-137
1503 0642	Oscillator - Msd-49 9.8304mhz	95-155
1503 0700	Oscillator - Hc-49/u-s 19.90656mhz	111-166
1600 1381	Resistor - 56 Ω $\pm$ 5% 2W	101-157
1600 1508	Resistor - 15 Ω $\pm$ 5% 2W	101-158
1600 1508	Resistor - 15 Ω $\pm$ 5% 2W	107-159
1600 1669	Resistor - 1.0 Ω $\pm$ 5% 5W	87-110
1601 5267	Resistor - 0.68 Ω $\pm$ 5% 3W	117-120
1601 5298	Resistor - 130 Ω $\pm$ 5% 3W	117-121
1601 5324	Resistor - 56 Ω 2W	107-160

Part No.	Description	Page and Index No.
1601 7508	Resistor Array - 4.7 K Ω	87-111
1601 8145	Variable Resistor - 5K Ω 0.5W	101-159
1601 8145	Variable Resistor - 5K Ω 0.5W	107-161
1602 0918	Filter - 270pf - Emi	101-160
1602 0918	Filter - 270pf - Emi	107-162
1602 0934	RC Array - CR01-R	117-122
1602 7032	Filter - Emi - 2200pf	115-124
1602 7032	Filter - Emi - 2200pf	117-123
1602 7077	Capacitor - 270PF $\pm$ 10% 50V	87-112
1604 1387	Capacitor - 220 μ F 50V	87-113
1604 1818	Capacitor - S891C475M	101-161
1604 1993	Capacitor - 100 μ F 25V	87-114
1604 2166	Capacitor - 100 μ F 50V $\pm$ 20%	87-115
1604 2601	Condensor - 47 μ F $\pm$ 20% 25V	91-138
1604 4365	Condensor - 470 μ F 16V $\pm$ 20%	91-139
1604 4384	Capacitor - 100 μ F $\pm$ 20% 16V	119-107
1604 4392	Condensor - 100 μ F 50V	101-162
1604 4392	Condensor - 100 μ F 50v	107-163
1605 0192	Capacitor - 470PF 50V	111-167
1605 0249	Capacitor - 2200pf $\pm$ 10%	117-124
1605 0258	Capacitor - 15P	87-116
1605 0283	Capacitor - 1 μ F	115-125
1605 0407	Condensor - 1000pf $\pm$ 20% 50v	111-168
1605 0408	Condensor - 0.01 μ F $\pm$ 20% 50v	111-169
1605 0410	Capacitor - 4700PF $\pm$ 20% 50V	113-109
1605 0435	Capacitor - 0.47 μ F +80% -20% 16V	101-163
1605 0435	Capacitor - 0.47 μ F +80% -20% 16V	107-164
1605 0604	Capacitor - 0.1 μ F 50V	101-164
1605 0632	Capacitor - 0.1 μ F +80% -20%	91-140
1605 0632	Capacitor - 0.1 μ F +80 -20%	95-156
1605 0632	Capacitor - 0.1[F +80 -20%	113-110
1605 0636	Capacitor - 0.1 μ F	87-117
1605 0636	Capacitor - 0.1 μ F	111-170
1605 0636	Capacitor - 0.1 μ F	113-111

Part No.	Description	Page and Index No
1605 0636	Capacitor - 0.1 μ F	115-126
1605 0636	Capacitor - 0.1 μ F	117-125
1605 0684	Capacitor - 16PF	111-171
1605 0853	Condensor - 1 μ F +80/20% 16V	91-141
1605 0853	Condensor - 1 μ F +80/20% 16v	95-157
1606 1131	Capacitor - 10PF $\pm$ 5%	91-142
1606 1135	Capacitor - 470PF 50V	87-118
1606 1135	Capacitor - 470PF 50V	113-112
1606 1135	Capacitor - 470PF 50V	117-126
1606 1139	Capacitor - 0.01 μ F $\pm$ 20%	115-127
1606 1139	Capacitor - 0.01 μ F $\pm$ 20%	117-127
1606 1537	Capacitor - 1000PF 50V	115-128
1606 1537	Capacitor - 1000PF 50V	117-128
1607 0280	Inductor - Blm41	101-165
1607 0280	Inductor - Blm41	107-165
1607 0317	Ferrite Core - ESD-R-19	75-109
1607 0449	Ferrite Core - BLM21B05SPB	101-166
1607 0449	Ferrite Core - Blm21b05spb	107-166
1607 0477	Coil - Blm21a121spb	111-172
1607 0494	IC - LALO4NA220K	101-167
1607 0494	IC - LALO4NA220K	107-167
1607 0524	Capacitor - BLM31B601SPB	95-158
1607 0623	Ferrite Core - TFC-16-8-13 (230V)	75-110
1607 0663	Ferrite Core - TFC-20-10-10 (230V)	75-112
1607 0663	Ferrite Core - TFC-20-10-10	79-109
1607 0672	Ferrite Core	21- 16
1607 0672	Ferrite Core (230V)	75-111
1607 0672	Ferrite Core	79-110
1607 0781	Ferrite Fuse	95-159
1607 0814	Blm41p800spb	115-129
1607 0814	Blm41p800spb	117-129
1607 0815	Blm41p600spb	111-173
1607 0819	Nfa81r00c221	111-174
1607 0820	Nfa81r10c223	111-175
1607 0882	Filter - Acb2012m-080	95-160

Part No.	Description	Page and Index No.
1607 0911	Clump - TfcK-20-10-10	17-101
1630 1101	Resistor - 100 Ω 1/4W $\pm 5\%$	95-161
1630 1101	Resistor - 100 Ω 1/4W $\pm 5\%$	111-176
1630 1121	Resistor - 120 $\Omega \pm 5\%$ 1/8W	91-143
1630 1121	Resistor - 120 $\Omega \pm 5\%$ 1/8W	95-162
1630 1151	Resistor - 150 $\Omega \pm 5\%$ 1/4W	111-177
1630 1331	Resistor - 330 $\Omega \pm 5\%$ B1/4W	101-168
1630 1331	Resistor - 330 $\Omega \pm 5\%$ B1/4W	107-168
1630 2100	Resistor - 10 Ω 1/8W $\pm 5\%$	115-130
1630 2100	Resistor - 10 Ω 1/8W $\pm 5\%$	117-130
1630 2101	Resistor - 100 Ω 1/8W	115-131
1630 2101	Resistor - 100 Ω 1/8W	117-131
1630 2102	Resistor - 1K Ω 1/8W $\pm 5\%$	115-132
1630 2102	Resistor - 1K Ω 1/8W $\pm 5\%$	117-132
1630 2103	Resistor - 10K Ω 1/8W	115-133
1630 2103	Resistor - 10K Ω 1/8W	117-133
1630 2104	Resistor - 100K Ω 1/8W $\pm 5\%$	115-134
1630 2121	Resistor - 120 $\Omega \pm 5\%$ 1/8W	101-169
1630 2121	Resistor - 120 $\Omega \pm 5\%$ 1/8W	107-169
1630 2121	Resistor - 120 $\Omega \pm 5\%$ 1/8W	111-178
1630 2241	Resistor - 240 Ω	115-135
1630 2242	Resistor - 2.4K Ω 1/8W	117-134
1630 2271	Resistor - 270 Ω - 1/8W	111-179
1630 2471	Resistor - 470 Ω 1/8W $\pm 5\%$	111-180
1630 2472	Resistor - 4.7K Ω 1/8W $\pm 5\%$	115-136
1630 2472	Resistor - 4.7K Ω 1/8W $\pm 5\%$	117-135
1630 2473	Resistor - 47K Ω 1/8W $\pm 5\%$	115-137
1630 2473	Resistor - 47K Ω 1/8W $\pm 5\%$	117-136
1630 3100	Resistor - 10 $\Omega \pm 5\%$ 1/10W	91-144
1630 3100	Resistor - 10 $\Omega \pm 5\%$ 1/10W	95-163
1630 3100	Resistor - 10 $\Omega \pm 5\%$ 1/10W	111-181
1630 3101	Resistor - 100 Ω - 1/10W	87-119
1630 3101	Resistor - 100 Ω - 1/10W	91-145

Part No.	Description	Page and Index No.
1630 3101	Resistor - 100 Ω - 1/10W	95-164
1630 3101	Resistor - 100 Ω - 1/10W	101-170
1630 3101	Resistor - 100 Ω - 1/10W	107-170
1630 3101	Resistor - 100 Ω - 1/10W	111-182
1630 3102	Resistor - 1K Ω 1/10W $\pm 5\%$	87-120
1630 3102	Resistor - 1K Ω 1/10W $\pm 5\%$	91-146
1630 3102	Resistor - 1K Ω 1/10W $\pm 5\%$	95-165
1630 3102	Resistor - 1K Ω 1/10W $\pm 5\%$	101-171
1630 3102	Resistor - 1K Ω 1/10W $\pm 5\%$	107-171
1630 3102	Resistor - 1K Ω 1/10W $\pm 5\%$	111-183
1630 3103	Resistor - 10K Ω 1/10W $\pm 5\%$	87-121
1630 3103	Resistor - 10K Ω 1/10W $\pm 5\%$	91-147
1630 3103	Resistor - 10K Ω 1/10W $\pm 5\%$	95-166
1630 3103	Resistor - 10K Ω 1/10W $\pm 5\%$	101-172
1630 3103	Resistor - 10K Ω 1/10W $\pm 5\%$	107-172
1630 3103	Resistor - 10K Ω 1/10W $\pm 5\%$	111-184
1630 3103	Resistor - 10K Ω 1/10W $\pm 5\%$	113-113
1630 3104	Resistor - 100K Ω 1/10W $\pm 5\%$	95-167
1630 3104	Resistor - 100K Ω 1/10W $\pm 5\%$	111-185
1630 3112	Resistor - 1.1K $\Omega \pm 5\%$ 1/10W	113-114
1630 3123	Resistor - 12K $\Omega \pm 5\%$ 1/10W	111-186
1630 3152	Resistor - 1.5k Ω - 1/10W	101-173
1630 3152	Resistor - 1.5k Ω - 1/10W	107-173
1630 3152	Resistor - 1.5k Ω - 1/10W	113-115
1630 3153	Resistor - 15K $\Omega \pm 5\%$ 1/10W	95-168
1630 3154	Resistor - 150K 0HM $\pm 5\%$ 1/10W	91-148
1630 3154	Resistor - 150K 0HM $\pm 5\%$ 1/10W	95-169
1630 3202	Resistor - 2K Ω - 1/10W	87-122
1630 3202	Resistor - 2K Ω - 1/10W	113-116
1630 3205	Resistor - 2M $\Omega \pm 5\%$ 1/10W	91-149
1630 3205	Resistor - 2M $\Omega \pm 5\%$ 1/10W	95-170
1630 3220	Resistor - 22 $\Omega \pm 5\%$ 1/10W	101-174
1630 3220	Resistor - 22 $\Omega \pm 5\%$ 1/10W	107-174

Part No.	Description	Page and Index No.
1630 3220	Resistor - 22 Ω $\pm 5\%$ 1/10W	111-187
1630 3221	Resistor - 220 Ω $\pm 5\%$ 1/10W	101-175
1630 3221	Resistor - 220 Ω $\pm 5\%$ 1/10W	107-175
1630 3222	Resistor - 2.2K Ω 1/10W $\pm 5\%$	91-150
1630 3222	Resistor - 2.2K Ω 1/10W $\pm 5\%$	95-171
1630 3222	Resistor - 2.2K Ω 1/10W $\pm 5\%$	101-176
1630 3222	Resistor - 2.2K Ω 1/10W $\pm 5\%$	107-176
1630 3222	Resistor - 2.2K Ω 1/10W $\pm 5\%$	111-188
1630 3223	Resistor - 22k Ω - 1/10W	101-177
1630 3223	Resistor - 22k Ω - 1/10W	107-177
1630 3273	Resistor - 27k Ω - 1/10W	111-189
1630 3301	Resistor - 300 Ω $\pm 5\%$ 1/10W	91-151
1630 3301	Resistor - 300 Ω $\pm 5\%$ 1/10W	95-172
1630 3330	Resistor - 33 Ω $\pm 5\%$ 1/10W	91-152
1630 3330	Resistor - 33 Ω $\pm 5\%$ 1/10W	95-173
1630 3330	Resistor - 33 Ω $\pm 5\%$ 1/10W	101-178
1630 3330	Resistor - 33 Ω $\pm 5\%$ 1/10W	107-178
1630 3330	Resistor - 33 Ω $\pm 5\%$ 1/10W	111-190
1630 3330	Resistor - 33 Ω $\pm 5\%$ 1/10W	119-108
1630 3332	Resistor - 3.3K Ω 1/10W $\pm 5\%$	101-179
1630 3332	Resistor - 3.3K Ω 1/10W $\pm 5\%$	107-179
1630 3333	Resistor - 33K Ω $\pm 5\%$ 1/10W	111-191
1630 3391	Resistor - 390 Ω 1/10W $\pm 5\%$	91-153
1630 3391	Resistor - 390 Ω 1/10W $\pm 5\%$	95-174
1630 3391	Resistor - 390 Ω 1/10W $\pm 5\%$	111-192
1630 3470	Resistor - 47 Ω 1/10W $\pm 5\%$	101-180
1630 3470	Resistor - 47 Ω 1/10W $\pm 5\%$	107-180
1630 3471	Resistor - 470 Ω - 1/10W	91-154
1630 3471	Resistor - 470 Ω - 1/10W	95-175
1630 3471	Resistor - 470 Ω - 1/10W	101-181
1630 3471	Resistor - 470 Ω - 1/10W	107-181
1630 3471	Resistor - 470 Ω - 1/10W	111-193
1630 3472	Resistor - 4.7K Ω 1/10W $\pm 5\%$	91-155

Part No.	Description	Page and Index No
1630 3472	Resistor - 4.7K Ω 1/10W $\pm 5\%$	95-176
1630 3472	Resistor - 4.7K Ω 1/10W $\pm 5\%$	101-182
1630 3472	Resistor - 4.7K Ω 1/10W $\pm 5\%$	107-182
1630 3472	Resistor - 4.7K Ω 1/10W $\pm 5\%$	111-194
1630 3472	Resistor - 4.7K Ω 1/10W $\pm 5\%$	113-117
1630 3473	Resistor - 47K Ω 1/10W $\pm 5\%$	91-156
1630 3473	Resistor - 47K Ω 1/10W $\pm 5\%$	95-177
1630 3473	Resistor - 47K Ω 1/10W $\pm 5\%$	101-183
1630 3473	Resistor - 47K Ω 1/10W $\pm 5\%$	107-183
1630 3473	Resistor - 47K Ω 1/10W $\pm 5\%$	111-195
1630 3512	Resistor - 5.10k Ω - 1/10W	111-196
1630 3681	Resistor - 680 Ω $\pm 5\%$ 1/10W	101-184
1630 3681	Resistor - 680 Ω $\pm 5\%$ 1/10W	107-184
1630 3752	Resistor - 7.5K Ω $\pm 5\%$ 1/10W	91-157
1630 3752	Resistor - 7.5K Ω $\pm 5\%$ 1/10W	95-178
1630 3821	Resistor - 820 Ω $\pm 5\%$ 1/10W	101-185
1630 3821	Resistor - 820 Ω $\pm 5\%$ 1/10W	107-185
1630 4103	Resistor - 10K Ω $\pm 5\%$ 1/16W	101-186
1630 4103	Resistor - 10K Ω $\pm 5\%$ 1/16W	107-186
1630 4331	Resistor - 330 Ω $\pm 5\%$ 1/16W	107-187
1632 0000	Resistor - 0 Ω 1/8W	95-179
1632 1003	Resistor - 100K Ω $\pm 1\%$ 1/8W	115-138
1632 1100	Resistor - 110 Ω $\pm 1\%$ 1/8W	117-137
1632 1203	Resistor - 120K Ω $\pm 1\%$ 1/8W	115-139
1632 1503	Resistor - 150K Ω $\pm 1\%$ 1/8W	115-140
1632 3000	Resistor - 300 Ω $\pm 1\%$ 1/8W	117-138
1632 3002	Resistor - 30K Ω $\pm 1\%$ 1/8W	115-141
1633 0000	Resistor - 0 Ω 1/10W:Jamper CHIP	91-158
1633 0000	Resistor - 0 Ω 1/10W:JAMPER CHIP	95-180
1633 0000	Resistor - 0 Ω 1/10W:Jamper CHIP	101-187
1633 0000	Resistor - 0 Ω 1/10W:JAMPER CHIP	107-188
1633 0000	Resistor - 0 Ω 1/10W:JAMPER CHIP	111-197
1633 0000	Resistor - 0 Ω 1/10W:Jamper CHIP	113-118

Part No.	Description	Page and Index No.
1633 1001	Resistor - 1K Ω $\pm$ 1% 1/10W	111-198
1633 1002	Resistor - 10K Ω $\pm$ 1% 1/10W	101-188
1633 1002	Resistor - 10K Ω $\pm$ 1% 1/10W	107-189
1633 1002	Resistor - 10K Ω $\pm$ 1% 1/10W	111-199
1633 1003	Resistor - 100K Ω $\pm$ 1% 1/10W	111-200
1633 1202	Resistor - 12K Ω $\pm$ 1% 1/10W	101-189
1633 1202	Resistor - 12K Ω $\pm$ 1% 1/10W	107-190
1633 1403	Resistor - 140K Ω $\pm$ 1% 1/10W	111-201
1633 1500	Resistor - 150 Ω $\pm$ 1% 1/10W	111-202
1633 2002	Resistor - 20K Ω $\pm$ 1% 1/10W	111-203
1633 2402	Resistor - 24K Ω $\pm$ 1% 1/10W	101-190
1633 2402	Resistor - 24K Ω $\pm$ 1% 1/10W	107-191
1633 2701	Resistor - 2.7K Ω $\pm$ 1% 1/10W	101-191
1633 2701	Resistor - 2.7K Ω $\pm$ 1% 1/10W	107-192
1633 3602	Resistor - 36K Ω $\pm$ 1% 1/10W	101-192
1633 3602	Resistor - 36K Ω $\pm$ 1% 1/10W	107-193
1633 3901	Resistor - 3.9 Ω $\pm$ 1% 1/10W	91-159
1633 3901	Resistor - 3.9 Ω $\pm$ 1% 1/10W	95-181
1633 3901	Resistor - 3.9 Ω $\pm$ 1% 1/10W	101-193
1633 3901	Resistor - 3.9 Ω $\pm$ 1% 1/10W	107-194
1633 4700	Resistor - 470 Ω $\pm$ 1% - 1/10w	101-194
1633 4700	Resistor - 470 Ω $\pm$ 1% - 1/10w	107-195
1633 5102	Resistor - 51K Ω $\pm$ 1% 1/10W	101-195
1633 5102	Resistor - 51K Ω $\pm$ 1% 1/10W	107-196
1633 5231	Resistor - 5.23K Ω $\pm$ 1% 1/10W	111-204
1633 6800	Resistor - 680 Ω $\pm$ 1% 1/10W	101-196
1633 6800	Resistor - 680 Ω $\pm$ 1% 1/10W	107-197
1633 7501	Resistor - 7.5K Ω $\pm$ 1% 1/10W	101-197
1633 7501	Resistor - 7.5K Ω $\pm$ 5% 1/10W	107-198
1633 8062	Resistor - 80.6K Ω $\pm$ 1% 1/10W	111-205
1633 8201	Resistor - 8.2k Ω $\pm$ 1% 1/10w	101-198
1633 8201	Resistor - 8.2k Ω $\pm$ 1% 1/10w	107-199
1633 9101	Resistor - 9.1K Ω 1/10W	91-160

Part No.	Description	Page and Index No
1633 9101	Resistor - 9.1K Ω 1/10W	95-182
1633 9102	Resistor - 91K Ω $\pm$ 1% 1/10W	101-199
1633 9102	Resistor - 91K Ω $\pm$ 1% 1/10W	107-200
1640 0101	Capacitor - 100 μ F 10V	101-200
1640 0101	Capacitor - 100 μ F 10V	107-201
1640 1471	Capacitor - 470 μ F $\pm$ 20% 16V	95-183
1640 2470	Capacitor - 47 μ F $\pm$ 20% 25V	101-201
1640 2470	Capacitor - 47 μ F $\pm$ 20% 25V	107-202
1640 5100	Capacitor - 10 μ F +20% 35V	111-206
1640 5101	Capacitor - 100 μ F $\pm$ 20% 50V	111-207
1640 5101	Capacitor - 100 μ F $\pm$ 20% 50V	115-142
1640 5101	Capacitor - 100 μ F $\pm$ 20% 50V	117-139
1640 5109	Capacitor - 1 μ F - $\pm$ 20% - 50V	111-208
1640 5220	Capacitor - 22 μ F $\pm$ 20% 50V	111-209
1640 5229	Capacitor - 2.2 μ F $\pm$ 20% 50V	111-210
1640 5470	Capacitor - 47 μ F $\pm$ 20% 50V	111-211
1640 5478	Capacitor - 0.47 μ F $\pm$ 20% 50V	111-212
1640 5479	Capacitor - 4.7 μ F $\pm$ 20% 50V	111-213
1642 0470	Capacitor - 47 μ F $\pm$ 20% 10V	101-202
1642 2101	Capacitor - 100 Ω $\pm$ 20% 25V	101-203
1642 2101	Capacitor - 100 Ω $\pm$ 20% 25V	107-203
1642 2470	Capacitor - 47 μ F $\pm$ 20% 25V	95-184
1642 2470	Capacitor - 47 μ F $\pm$ 20% 25V	101-204
1642 2470	Capacitor - 47 μ F $\pm$ 20% 25V	107-204
1642 2479	Capacitor - 4.7 μ F $\pm$ 20% 25V	95-185
1642 5229	Capacitor 2.2 μ F $\pm$ 20% 50v	107-205
1642 5339	Capacitor 3.3 μ F $\pm$ 20% 50v	107-206
1643 1100	Capacitor - 10 μ F $\pm$ 20% 16V	95-186
1643 1470	Capacitor - 47 μ F $\pm$ 20% 16v	95-187
1643 5229	Capacitor - 2.2 μ F $\pm$ 20% 50V	91-168
1643 5339	Capacitor - 3.3 μ F $\pm$ 20% 50V	101-205
1644 0100	Capacitor - 10 μ F $\pm$ 20% 10V	101-206
1644 0100	Capacitor - 10 μ F $\pm$ 20% 10V	107-207

Part No.	Description	Page and Index No.
1644 1100	Capacitor - 10 μ F $\pm$ 20% 16V	91-161
1644 1100	Capacitor - 10 μ F $\pm$ 20% 16V	113-119
1644 1470	Capacitor - 47 μ F $\pm$ 20% 16V	91-162
1644 2479	Capacitor - 4.7 μ F $\pm$ 20% 25V	101-207
1644 2479	Capacitor - 4.7 μ F $\pm$ 20% 25V	107-208
1644 5229	Capacitor - 2.2 μ F $\pm$ 20% 50V	95-188
1660 1100	Capacitor - 10PF 50V	95-189
1660 3101	Capacitor - 100PF 50V	101-208
1660 3101	Capacitor - 100PF 50V	107-209
1660 3102	Capacitor - 1000PF $\pm$ 5% 50V	95-190
1660 3120	Capacitor - 12PF $\pm$ 5% 50V	101-209
1660 3120	Capacitor - 12PF $\pm$ 5% 50V	107-210
1660 3150	Capacitor - 15PF 50V	101-210
1660 3150	Capacitor - 15PF 50V	107-211
1660 3220	Capacitor - 122PF $\pm$ 5% 50V	91-163
1660 3220	Capacitor - 122PF $\pm$ 5% 50V	95-191
1660 3331	Capacitor - 330PF $\pm$ 5% 50V	91-164
1660 3470	Capacitor - 47PF $\pm$ 5% 50V	95-192
1660 3471	Capacitor - 470PF 50V	91-165
1660 3471	Capacitor - 470PF 50V	95-193
1660 7103	Capacitor - 10000PF 50V	101-211
1660 7103	Capacitor - 10000PF 50V	107-212
1660 7104	Capacitor - 100000PF 50V	107-213
1660 9104	C - 0.1 μ F 25v	95-194
1660 9104	C - 0.1 μ F 25V	101-212
1660 9104	C - 0.1 μ F 25v	107-214
1660 9104	C - 0.1 μ F 25v	119-109
1901 0007	C DRAM 4M 1MX4 70NS G1	119-110
1901 0030	IC - DRAM 4M 256KX16 80NS G5	91-166
1901 0030	IC - DRAM 4M 256KX16 80NS G5	95-195
1902 0006	IC - SRAM 256KX8 70NS G1	101-213
1902 0006	IC - SRAM 256KX8 70NS G1	107-215
1902 0006	IC - SRAM 256KX8 70NS G1	111-214
1902 0013	IC - SRAM 256KX8 100NS G4	113-120

Part No.	Description	Page and Index No
1904 0002	IC - SRAM 64KX8 20NS	101-214
1904 0002	IC - SRAM 64KX8 20NS	107-216
1905 0025	UVEPROM 4M X16 120NS	91- 6
1905 0025	UVEPROM 4M X16 120NS	101- 8