

# PARTS CATALOG

## Model 7820

AUGUST 2003



KONICA BUSINESS TECHNOLOGIES U.S.A., INC.



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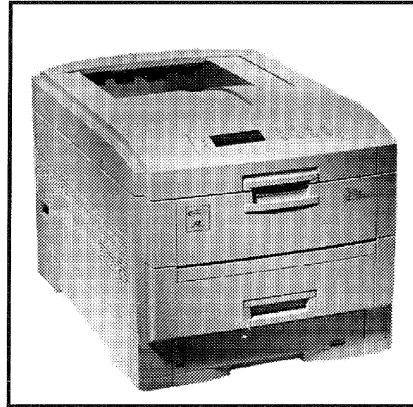
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## 7820n/dxn Color Imaging System Configurator



### Machine and Accessories

Item Description	Item Number
7820n Color Printer <sup>(3,4)</sup>	960860
7820dxn Color Printer <sup>(1,2,3)</sup>	960861
10 GB Hard Drive	960874
2nd & 3rd Paper Tray (1 x 530 sheets) <sup>(5)</sup>	960862
Duplex Unit <sup>(2,4)</sup>	960863
64 MB Memory Expansion	960875
128 MB Memory Expansion	960876
256 MB Memory Expansion	960877
512 MB Memory Expansion	960912
Plain Stand	950195

### Supplies

Item Description	Item Number
Black Toner Cartridge	960870
Yellow Toner Cartridge	960871
Magenta Toner Cartridge	960872
Cyan Toner Cartridge	960873
Black Image Drum	960866
Yellow Image Drum	960869
Magenta Image Drum	960867
Cyan Image Drum	960868
Fuser Unit	960865
Transfer Belt	960864

<sup>1</sup> 10GB Hard Drive is standard.

<sup>2</sup> Duplex is standard on dxn model.

<sup>3</sup> Set Up supplies are included with the printer.

<sup>4</sup> Additional 64MB (960875) of RAM recommended for Duplex Option.

<sup>5</sup> If two trays are required order twice.

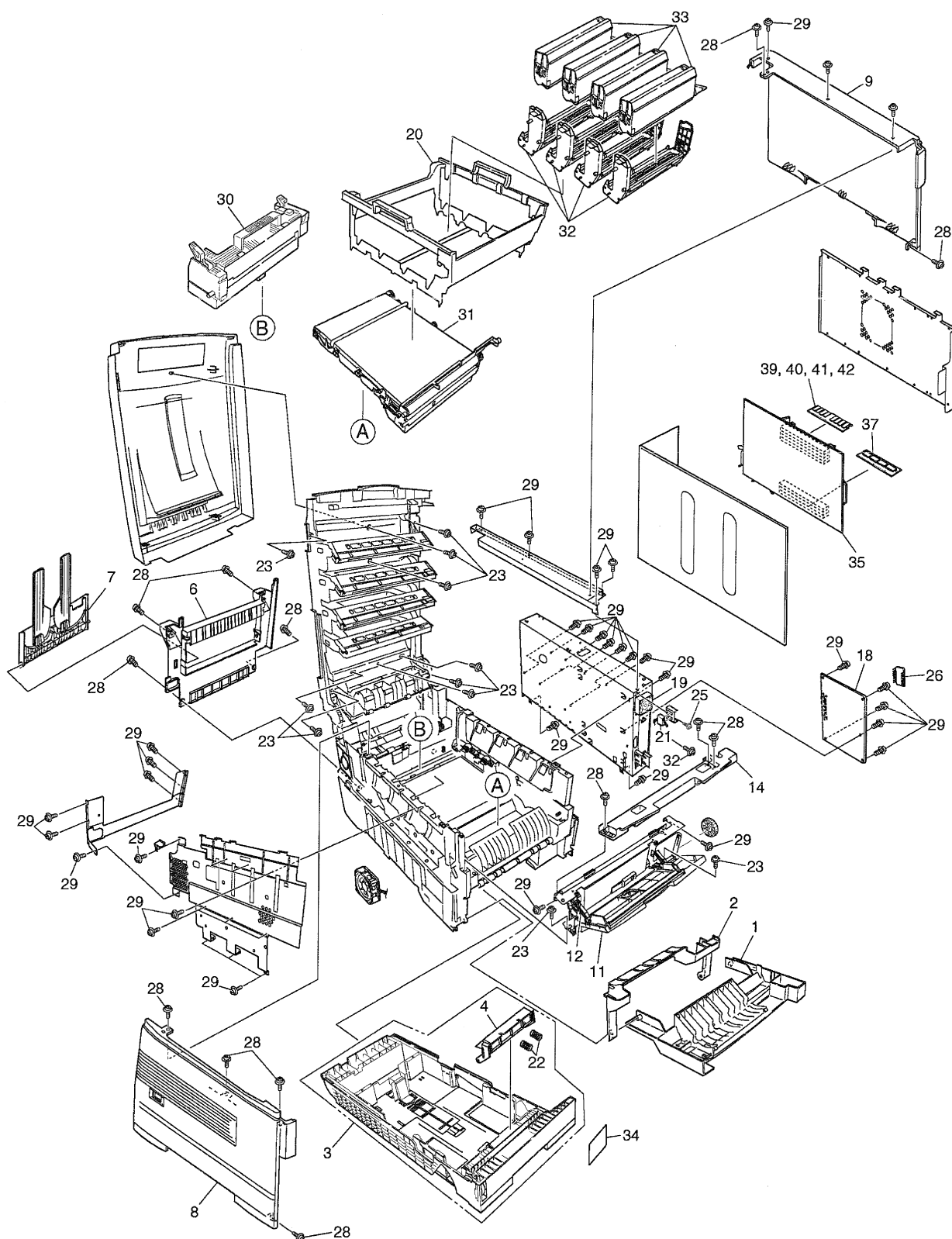
Note: Replacing drum requires replacing toner cartridge of same color.

### Power Requirements:

Voltage: 120V AC

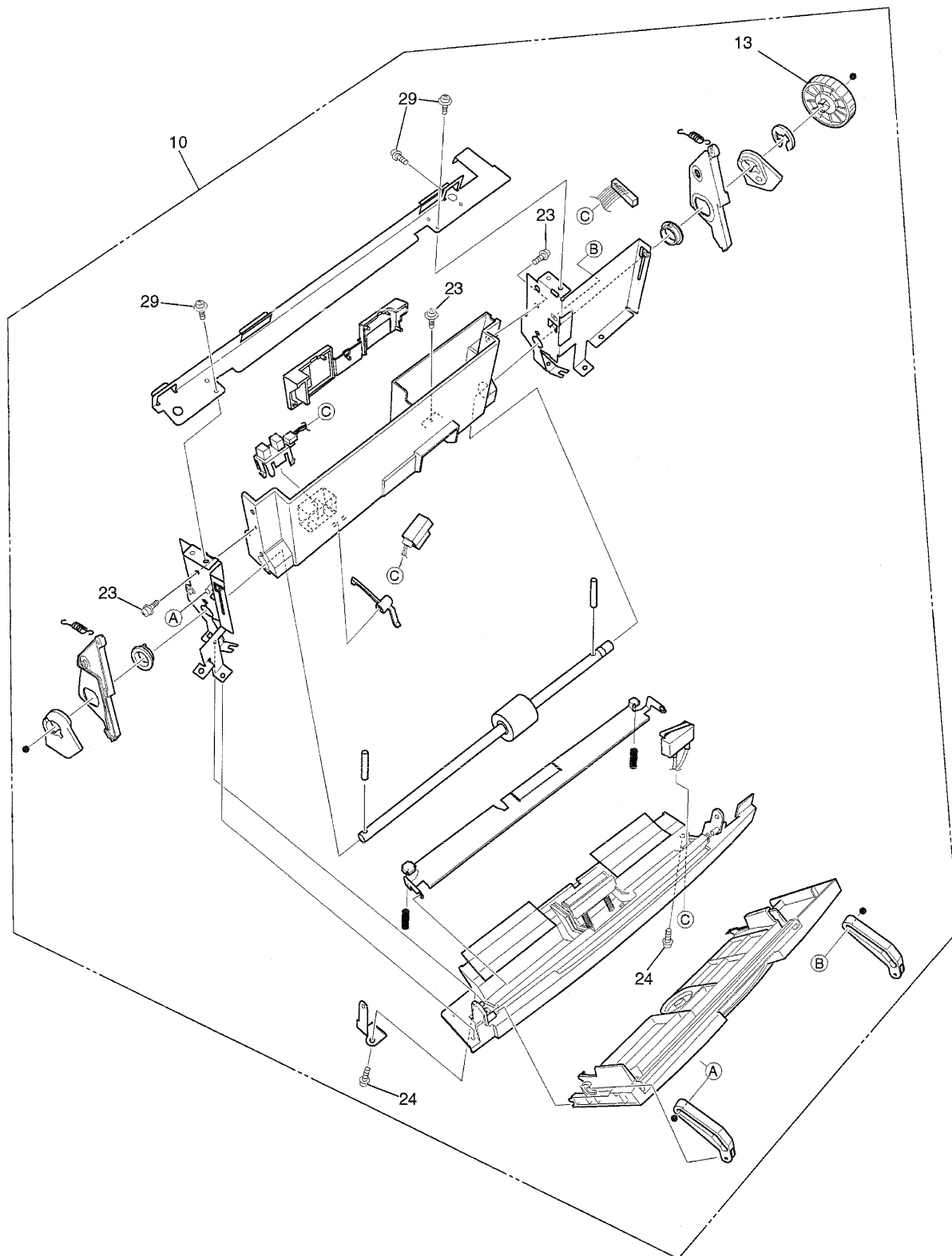
50/ 60Hz

# **MAIN ASSEMBLY** (Refer to pages 3 & 5 for part numbers & descriptions)



REF. NO.	PART NUMBER	DESCRIPTION
1	40864601	Cover Assy., Front
2	41042501	Baffle, Front Cover Inner
3	40866701	Cassette Assy.
4	41438401	Separation Pad Assy.
5	*	Not Used
6	40864301	Cover, Rear
7	41374902	Stacker Assy., Face Up
8	40864411	Cover, Left Side
9	40864503	Cover, Right Side
10	40862006	Tray Assy., Multipurpose
11	40866301	Cover Assy., Multipurpose Tray
12	41045801	Link
13	40325101	Gear, Multipurpose Tray Drive
14	40952701	Cover, Multipurpose Tray Top
15	*	Not Used
16	*	Not Used
17	*	Not Used
18	41960404	Board, Print Engine Control (1200dpi)
18	41960402	Board, Print Engine Control (600dpi)
19	40197102	Fan, Cooling
20	40864901	CRU Basket Assy.
21	41275701	Switch, Upper Cover Open
22	41439401	Spring, Separator Pad Assy.
23	*	Screw
24	*	Screw
25	*	Screw
26	*	EEPROM
27	*	Not Used
28	*	Screw
29	*	Screw
30	960865	Fuser Unit (Supply Item)
31	960864	Belt Unit (Supply Item)
32	960869	Drum Unit (Yellow)
32	960867	Drum Unit (Magenta)
32	960868	Drum Unit (Cyan)
32	960866	Drum Unit (Black)
33	960871	Toner Cartridge (Yellow)
33	960872	Toner Cartridge (Magenta)
33	960873	Toner Cartridge (Cyan)
33	960870	Toner Cartridge (Black)
34	41377401	Plate, Indicator
35	41964009	PCB Assy., TIG-3
36	55946601	EEPROM (CU)
37	42277502	Board, CRF
38	*	Not Used
39	960875	Board, Memory 64MG (Accessory Item)
40	960876	Board, Memory 128MG (Accessory Item)

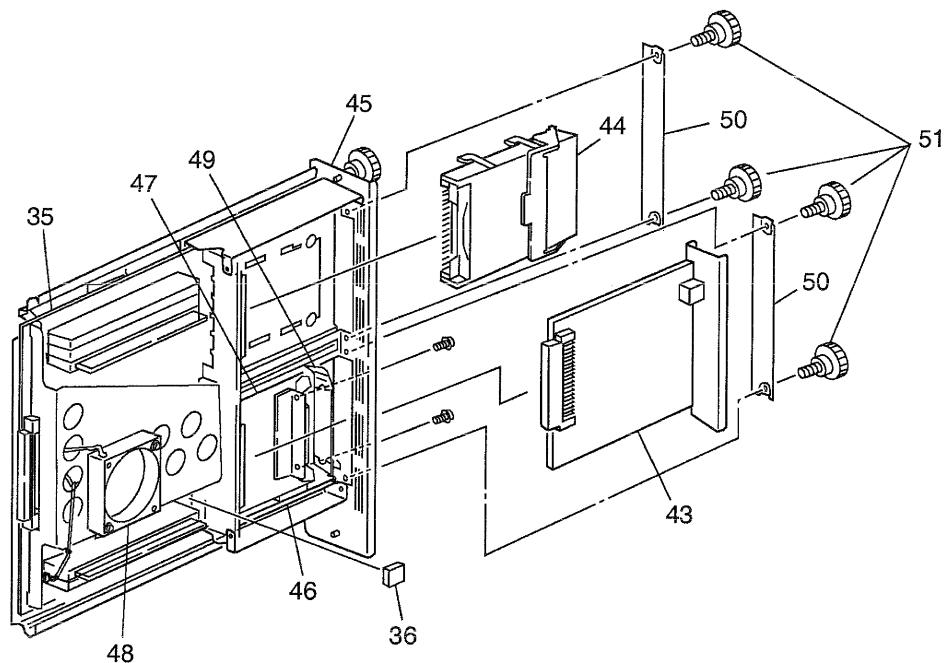
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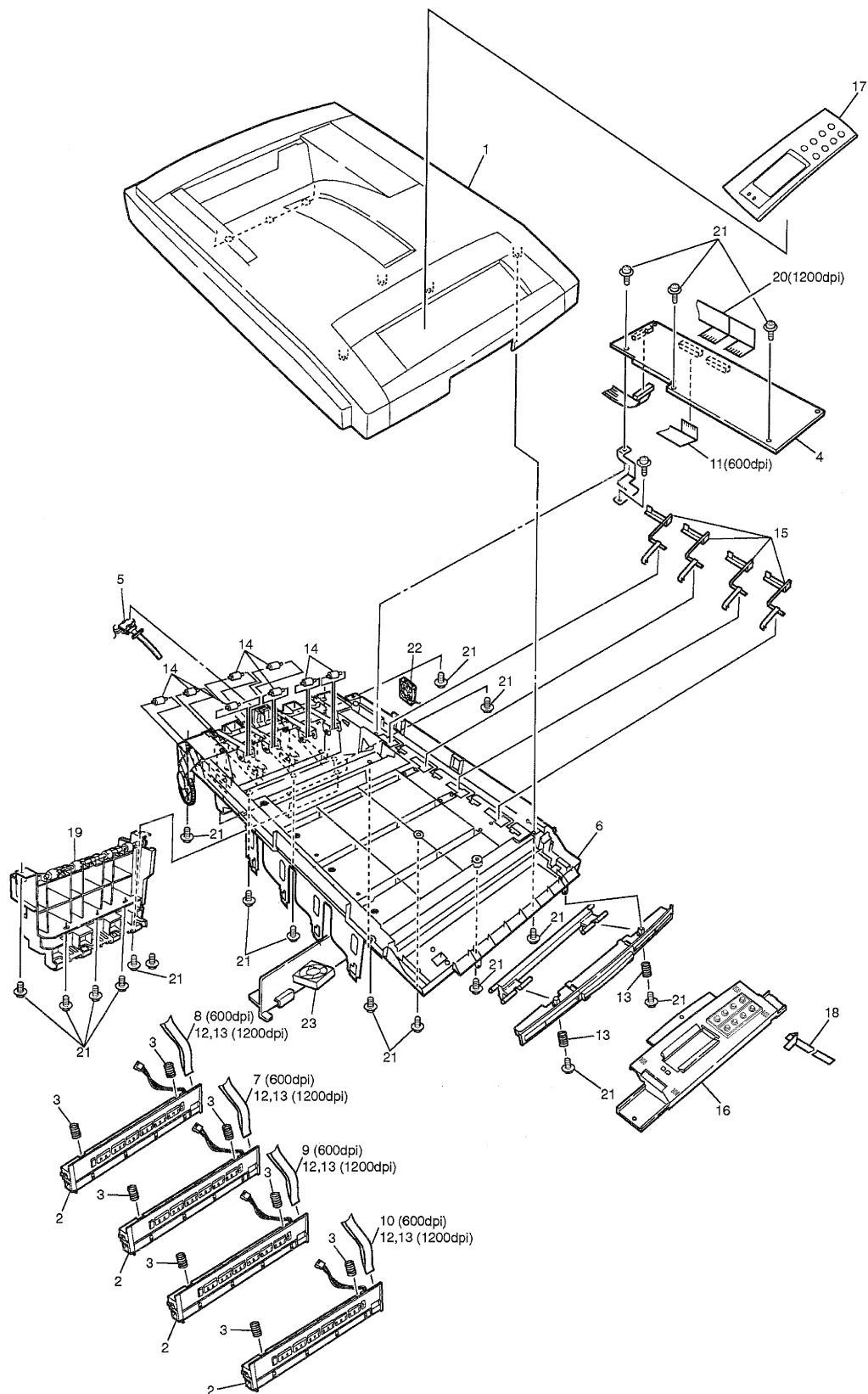
REF. NO.	PART NUMBER	DESCRIPTION
41	960877	Board, Memory 256MG (Accessory Item)
42	*	Not Available
43	50132001	Oki LAN 6200e+
44	960874	Hard Disc Drive 10GB (Supply Item)
45	41964009	Board, CU (711)
46	41278601	Guide, Rail (A)
47	41278701	Guide, Rail (B)
48	41410201	Motor, Fan
49	41467401	Plate, FG
50	41254601	Plate, Blank
51	*	Screw
52	*	Not Available

**MAIN ASSEMBLY** (Refer to pages 3 & 5 for part numbers & descriptions)



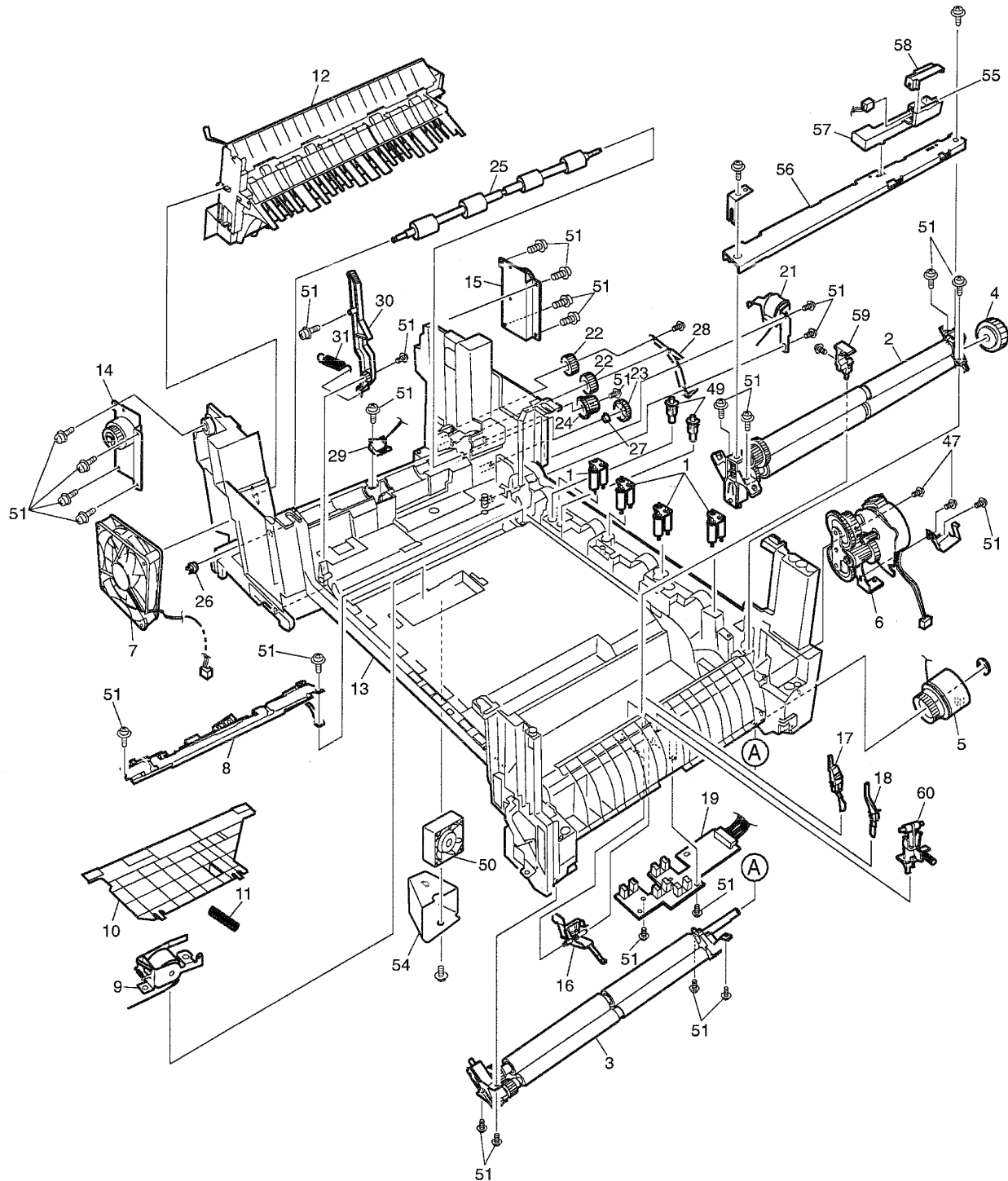
REF. NO.	PART NUMBER	DESCRIPTION

# TOP COVER ASSEMBLY



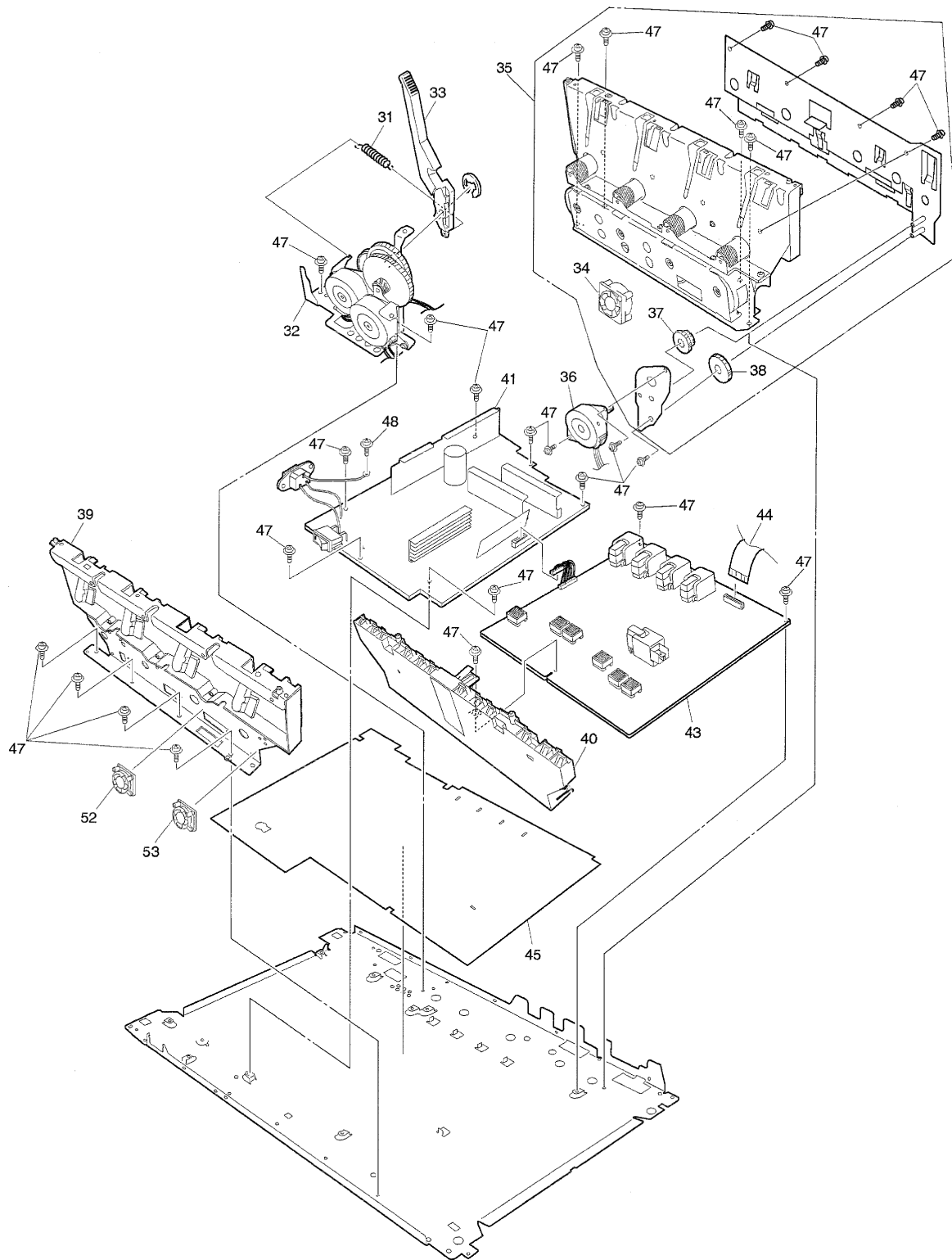
REF. NO.	PART NUMBER	DESCRIPTION
1	40859702	Cover, Top
2	41929301	LED Assy., 1200dpi
2	41971001	LED Assy., 600dpi
3	42216201	Spring, LED Assy.
4	41960901	Board, LED 600dpi
4	42124801	Board, LED 1200dpi
5	40365404	Sensor, Stacker Full 600dpi
5	40365405	Sensor, Stacker Full 1200dpi
6	41316501	Kit, Top Cover Inner Frame
7	41309603	Harness, LED Magenta
8	41309604	Harness, LED Cyan
9	41309602	Harness, LED Yellow
10	41309601	Harness, LED Black
11	41593101	Harness, LED Control Board
12	*	Not Available
13	*	Not Available
14	41765601	Roller, Eject
15	40860602	Sensor, Toner
16	40866101	Operation Panel Assy.
17	42237807	Cover, Operation Panel 600dpi
17	42237808	Cover, Operation Panel 1200dpi
18	*	Not Available
19	40861501	Guide Assy., Eject
20	*	Not Available
21	*	Screw
22	40197106	Fan, Fuse
23	41469007	Fan, Cooling

## PRINTER UNIT CHASSIS (Refer to pages 11 & 13 for part numbers & descriptions)



REF. NO.	PART NUMBER	DESCRIPTION
1	41189701	Drum Contact Assy.
2	40844306	Roller Assy., Registration (A)
3	40844303	Roller Assy., Registration (B)
4	40845401	Gear, Registration Drive (A)
5	41187102	Clutch, Registration
6	40845801	Motor Assy., Registration
7	42153101	Fan, Main Cooling
8	41944001	Sensor Assy., Color Registration
9	41968701	Solenoid, Registration Shutter
10	41944201	Shutter, Registration
11	41968501	Spring, Registration Shutter
12	40859201	Duplex Guide Assy.
13	41940301	Chassis, Printer Unit
14	41312801	Spring Assy., Left Top Cover
15	41312901	Spring Assy., Right Top Cover
16	40841601	Actuator, Entrance Sensor #1
17	40841701	Actuator, Entrance Sensor #2
18	40841801	Actuator, Entrance Sensor #3
19	41258301	Board, Entrance Sensor
20	*	Not Used
21	41253601	Solenoid Assy., Duplex Gate
22	40842401	Gear, Fuser Drive (A)
23	40316301	Gear, Fuser Drive (B)
24	42170801	Gear, Fuser Drive (C)
25	40323902	Roller, Fuser Exit
26	*	Not Available
27	*	Not Available
28	40842501	Contact, Fuser Exit Roller
29	41073601	Sensor Assy., Exit
30	40841301	Handle, Fuser Latch (L)
31	40841501	Spring, Fuser Latch Handle
32	40848801	Motor Assy., Belt
33	40841401	Handle, Fuser Latch (R)
34	41469004	Fan, ID Motor
35	40847306	Motor Assy., Main
36	40846001	Motor, Main Feeder Drive
37	40848501	Gear, Main Feed Drive (A)
38	40848601	Gear, Main Feed Drive (B)
39	*	Not Available
40	40850201	Contact Assy.
41	41862901	AC/DC Power Supply
42	*	Not Used
43	42046801	High Voltage Power Supply
44	*	Not Available
45	41128101	Insulator, Power Supply
46	*	Not Used
47	*	Screw
48	*	Screw
49	41346301	Transfer Contact Assy.
50	41469006	Fan, Power Cooling

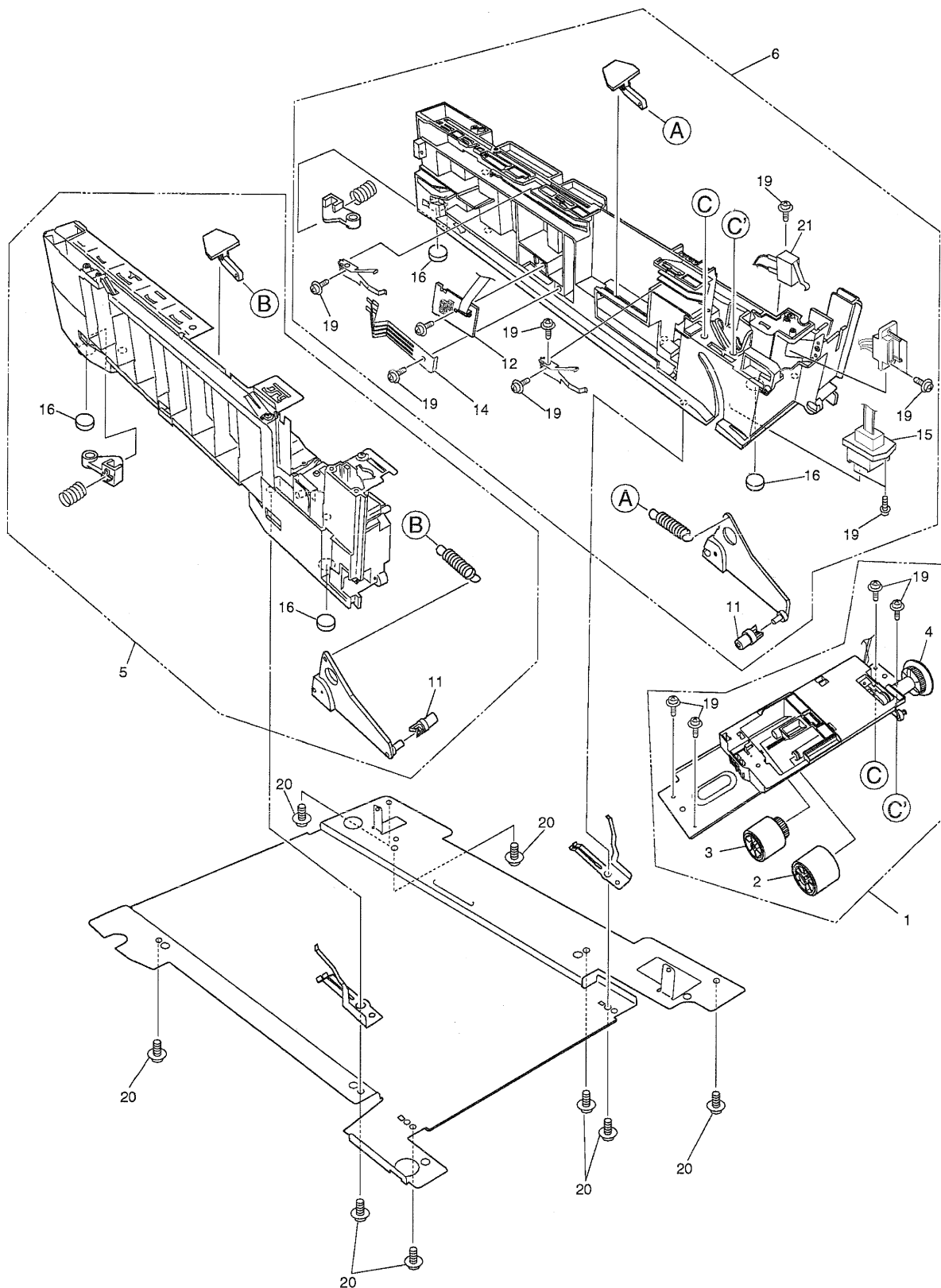
## PRINTER UNIT CHASSIS (Refer to pages 11 & 13 for part numbers & descriptions)





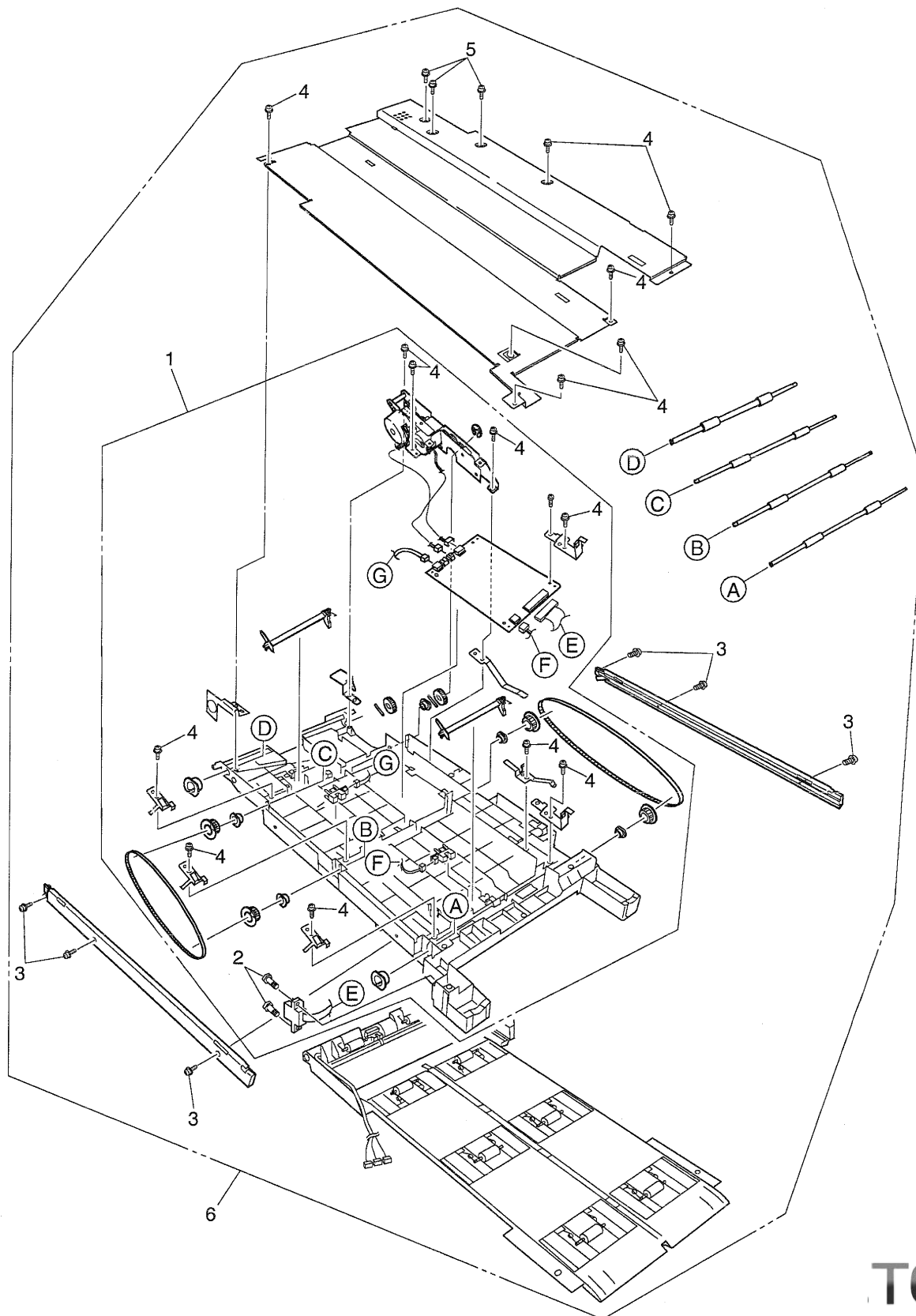
REF. NO.	PART NUMBER	DESCRIPTION
51	*	Screw
52	*	Not Available
53	41469003	Fan, Belt
54	*	Not Available
55	*	Not Available
56	*	Not Available
57	*	Not Available
58	*	Not Available
59	*	Not Available
60	*	Not Available

## PAPER TRAY GUIDE



REF. NO.	PART NUMBER	DESCRIPTION
1	40839801	Main Feed Assy.
2	40371301	Roller, Feed
3	40313201	Roller, Nudger
4	40325401	Gear, Main Feed Drive
5	40839001	Guide Assy., Left Cassette
6	40839401	Guide Assy., Right Cassette
7	*	Not Used
8	*	Not Used
9	*	Not Used
10	*	Not Used
11	40349701	Roller, Plastic
12	40368304	Board, Paper Size Sensing
13	*	Not Used
14	*	Not Available
15	41309101	Connector, 2nd Tray
16	*	Not Available
17	*	Not Used
18	*	Not Used
19	*	Screw
20	*	Screw
21	41275901	Switch, Front Cover Open

## DUPLEX UNIT



REF. NO.	PART NUMBER	DESCRIPTION
1	*	Use Reference 6
2	*	Screw
3	*	Screw
4	*	Screw
5	*	Screw
6	960863	Duplex Unit

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