



DP-1400

PARTS LIST

Published in Sept.'00
5B570772
Revision 2

DP-1400

NOTE

1. Indicate parts number and machine model when placing an order.

eg.	Parts Number	Parts Name	Machine Model	Cycle	Quantity
	5B507080	KEY BOARD ASS'Y	DP-1400	60Hz	1

2. Service calls and freight will be charged separately.

3. Symbols in the "Parts Number" column.

- Parts with "•" are component parts or sub-assemblies of the assembly appearing immediately above them.

eg.	Parts Number	Parts Name	Parts Number	Parts Name
	5B507040	DR-23 DRIVE UNIT	•5B507170	MOTOR MAIN
			•5B508380	PLATE DRIVE B

- Parts with "●" indicates the service parts and the parts without "●" can not be supplied.

4. See the last page of this parts list for the classification of the screws in the illustrations.

Parts List

DP-1400

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FIG. 1 COVERS

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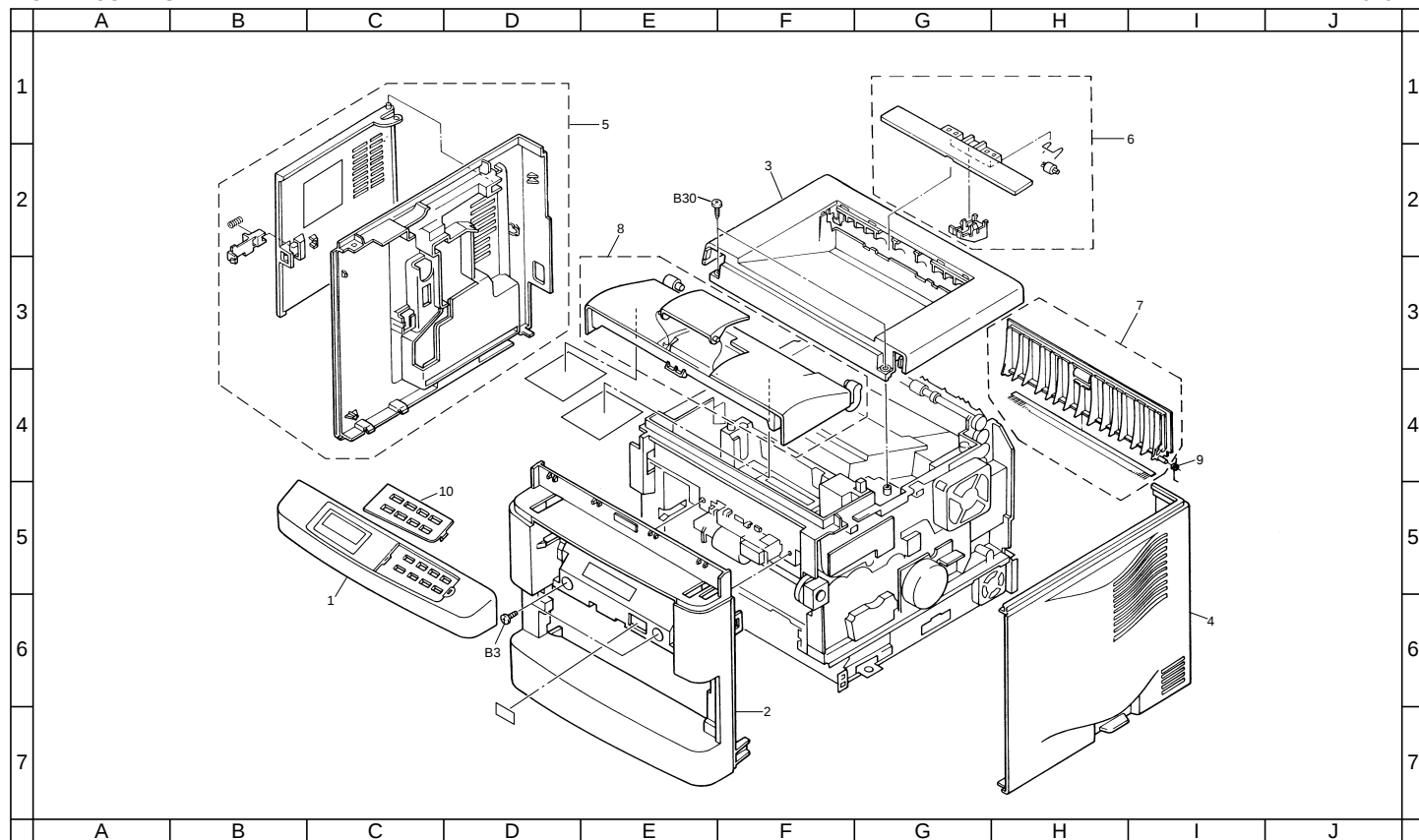


FIG. 1 COVERS

SP	Ref. No.	Part. No.	Description	Quantity
●	1	5B507080	KEY BOARD ASS'Y	1
	2	5B507350	COVER FRONT	1
	3	5B507360	COVER TOP	1
	4	5B507370	COVER RIGHT	1
	5	5B507380	COVER LEFT ASS'Y	1
	6	5B407180	FD ASS'Y	1
	7	5B507400	COVER REAR ASS'Y	1
	8	5B507410	LID TOP ASS'Y	1
	9	5B507420	SPRING COVER	1
	10	5B507090	PANEL ENGLISH	1

- Parts with "*" are component parts or sub-assemblies of the assembly appearing immediately above them.
- Parts with "●" indicates the service parts.

FIG. 2 FRAME UNIT

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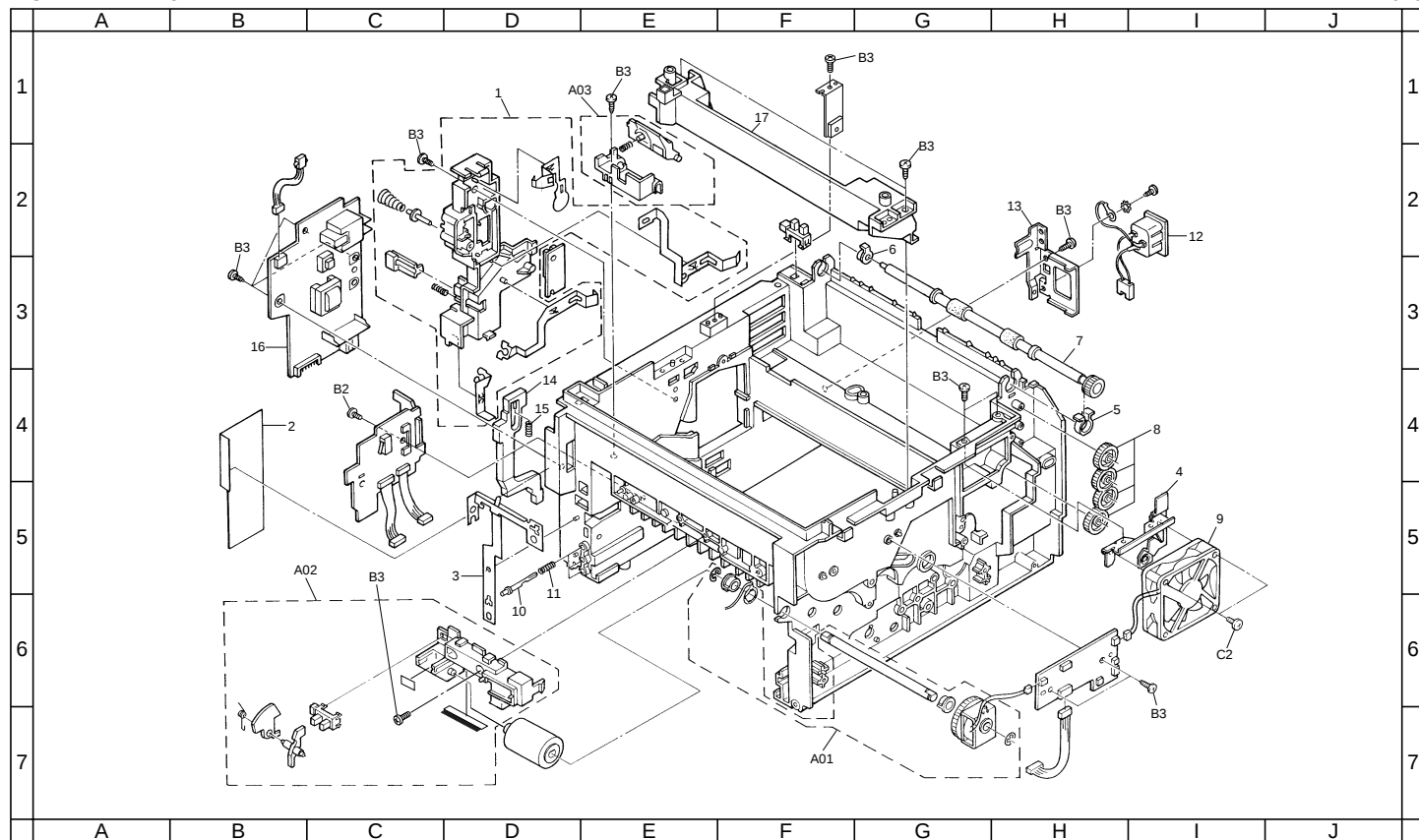


FIG. 2 FRAME UNIT

SP	Ref. No.	Part. No.	Description	Quantity
●	1	5B508030	COVER HV ASS'Y	1
	2	5B508500	SHEET HI VOLTAGE	1
	3	5B507580	PLATE EARTH EF	1
	4	5B508170	BRACKET FAN	1
	5	5B108350	BUSH FD R	1
	6	5B507670	BUSH FD L	1
	7	5B507510	ROLLER FD	1
	8	5A210270	GEAR MFEED Z25	4
	9	5B507150	FAN MOTOR	1
	10	5B508520	PIN SIZE SELECT	1
	11	5B507590	SPRING SIZE SELECT	1
	12	5B508140	CONN.CORD ASS'Y	1
	13	5B508350	BRACKET INLET	1
	14	5B508660	ROD INTER LOCK A	1
	15	5B107340	SPRING INTER LOCK	1
	16	5B507140	TRANS ASS'Y	1
	17	5B508420	FRAME MID	1
●	A01	5B507160	MP CLUTCH ASS'Y	1
	A02	5B507920	MP BRACKET ASS'Y	1
	A03	5B507660	DLP LOCK ASS'Y	1

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- Parts with "●" indicates the service parts.

FIG. 3 DRIVE UNIT

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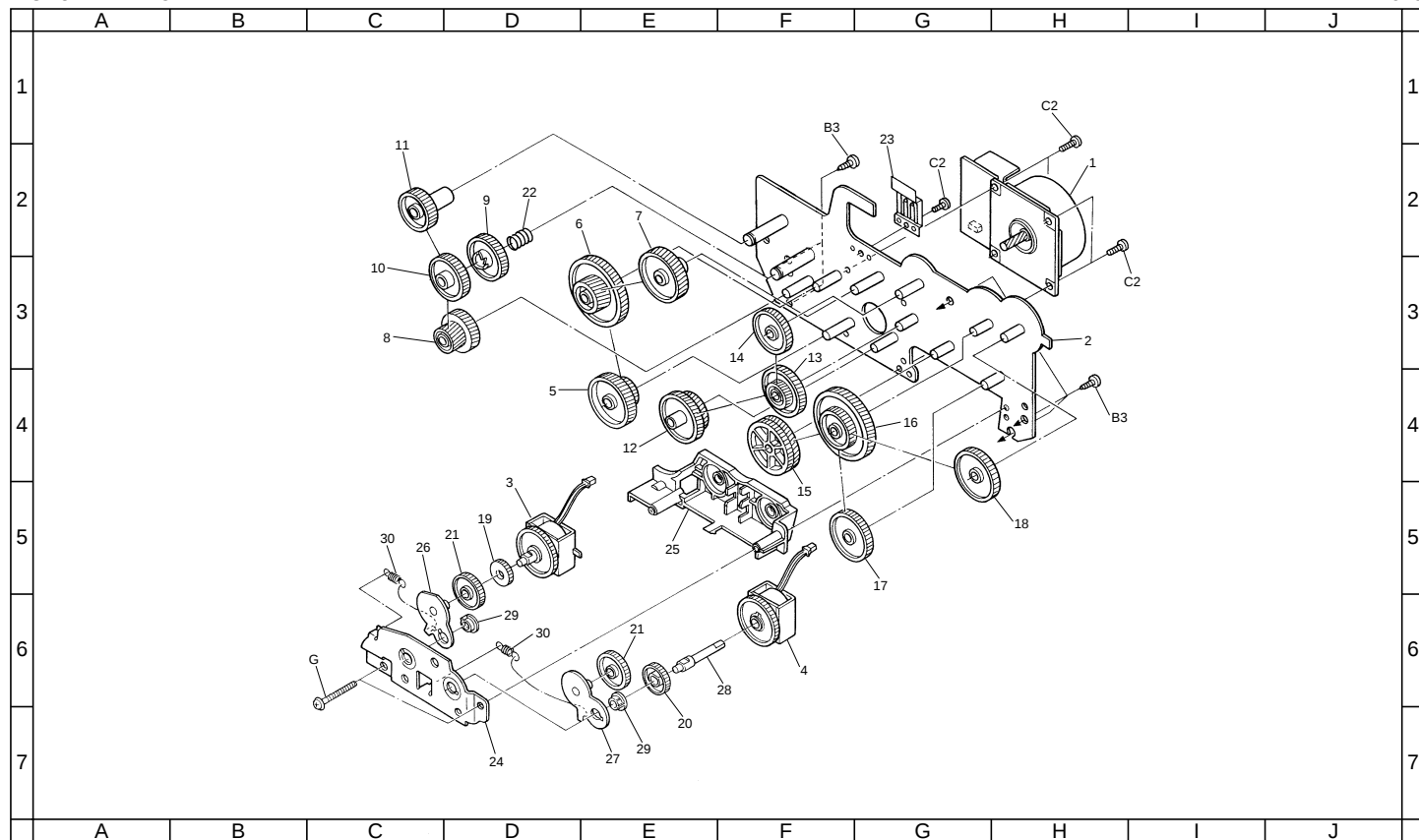


FIG. 3 DRIVE UNIT

SP	Ref. No.	Part. No.	Description	Quantity
●		5B507040	DR-23 DRIVE UNIT	1
●	1	*5B507170	MOTOR MAIN	1
	2	*5B508380	PLATE DRIVE B	1
●	3	*5A207920	CLUTCH REGIST	1
●	4	*5A207910	CLUTCH FEED	1
	5	*5B507710	GEAR Z21H-Z66H	1
	6	*5B507720	GEAR Z25H-Z53H	1
	7	*5B507730	GEAR Z42H	1
	8	*5B507740	GEAR Z20H-Z30H	1
	9	*5B507750	GEAR FREE Z34H	1
	10	*5B507760	GEAR FREE Z37S	1
	11	*5B507770	GEAR Z34S	1
	12	*5B507780	GEAR Z26H-Z63H	1
	13	*5B507790	GEAR Z23H-Z41H	1
	14	*5B507800	GEAR Z33H	1
	15	*5B507810	GEAR Z43H-Z45S	1
	16	*5B507820	GEAR Z35S-Z57H	1
	17	*5B507830	GEAR Z27S-Z28H	1
	18	*5B507840	GEAR Z44S	1
	19	*5B507850	GEAR CLUTCH Z22	1
	20	*5B107590	GEAR CLUTCH Z26S	1
	21	*5B507870	GEAR Z28S	2
	22	*5B107610	SPRING FREE	1
	23	*5B108340	PLATE EARTH DRIVE	1
	24	*5B507910	PLATE CLUTCH	1
	25	*5B508610	HOLDER CLUTCH	1
	26	*5B508300	PLATE JOINT R	1
	27	*5B508310	PLATE JOINT F	1
	28	*5B508530	SHAFT CLUTCH F	1
	29	*5A210790	BUSHING STOP	2
	30	*5B107620	SPRING JOINT	2

- Parts with "*" are component parts or sub-assemblies of the assembly appearing immediately above them.
- Parts with "●" indicates the service parts.

	A	B	C	D	E	F	G	H	I	J		
1												1
2												2
3												3
4												4
5												5
6												6
7												A

FIG. 4 CONTROLLER UNIT

SP	Ref. No.	Part. No.	Description	Quantity
	1	5A208530	PLATE OPTION	1
	2	5B508290	CASE PWB POWER	1
	3	5B508720	RAIL PWB ENGINE	1
	4	5B108370	FOOT	4
	5	5B507980	LID CONTROLLER	1
	6	5B507550	PANEL REAR	1
	7	5B508340	PANEL ENGINE	1
	8	5B508370	COVER CONTROLLER	1
	9	5B508650	RAIL OPTION	2
	10	5B508450	WALL REGULATOR	1
	11	5B508330	PLATE RELEASE CONT	1
	12	5B507940	CONN.CORD ASS'Y	1
	13	5B507950	CONN.CORD ASS'Y	1
	14	5B507900	CONN.CORD ASS'Y	1
●	15	5B507190	P.W.BOARD ASS'Y CONNECT	1
	16	5B507890	SEAL FAN	1
	17	5B507960	COVER CABLE	1
●	18	5B508270	P.W.BOARD ASS'Y FUX	1
●	19	5B507200	P.W.BOARD ASS'Y MAIN	1
●	20	5B507220	SWITCHING REGULATOR	1
●	21	5B508220	FAN MOTOR	1
●	22	5B507230	P.W.BOARD ASS'Y ENGINE	1

- Parts with "*" are component parts or sub-assemblies of the assembly appearing immediately above them.
- Parts with "●" indicates the service parts.

FIG. 5 FEED UNIT

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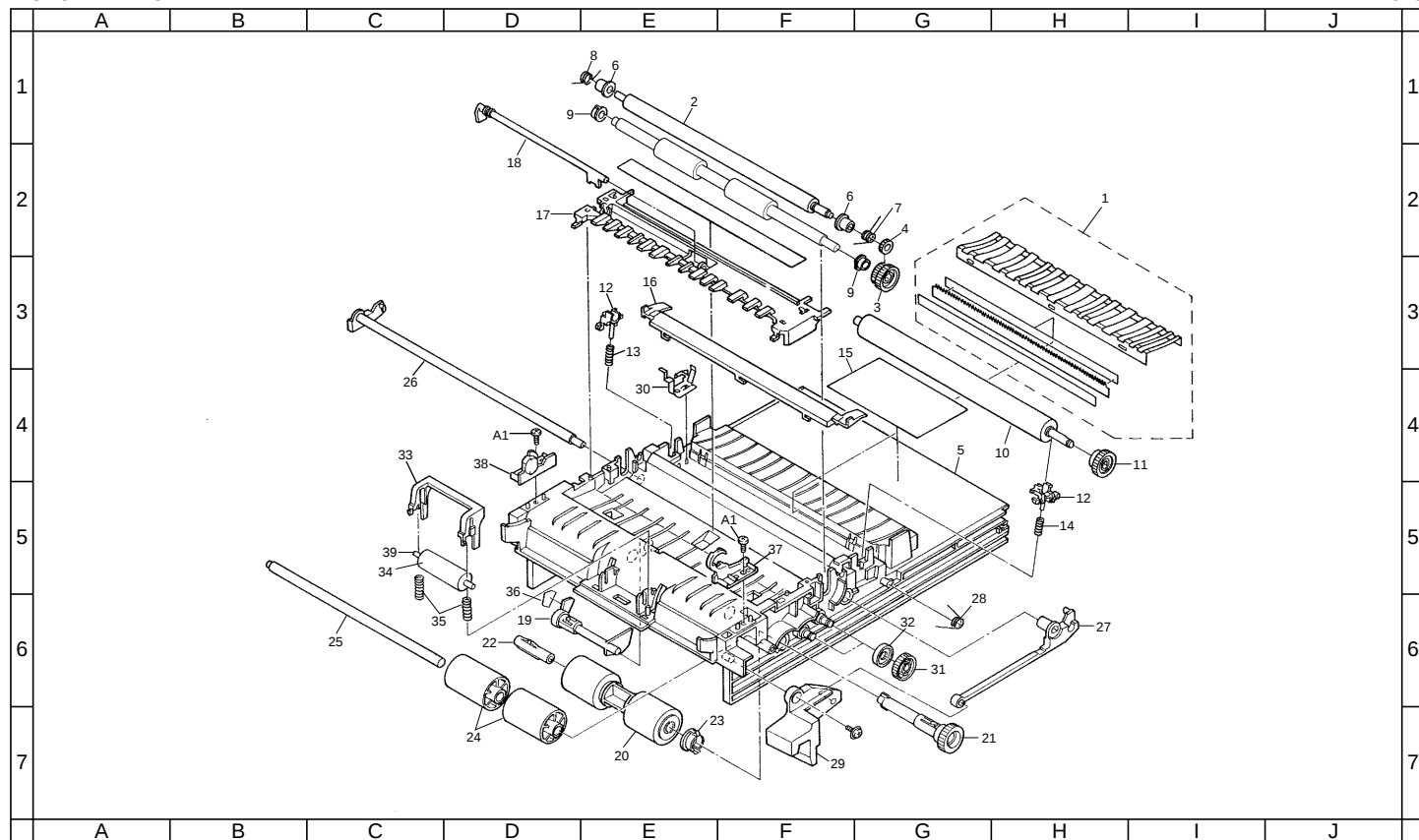


FIG. 5 FEED UNIT

SP	Ref. No.	Part. No.	Description	Quantity
●		5B507020	FE-23 FEED TRANS UNIT	1
●	1	*5B507250	DISCHARGER ASS'Y	1
	2	*5B507530	ROLLER REGIST LOW	1
	3	*5A210390	GEAR Z29S	1
	4	*5A210290	GEAR REGIST Z24	1
	5	*5B508430	BASE FEED	1
	6	*5B507930	BUSH REGIST	2
	7	*5B107690	SPRING REGIST R	1
	8	*5B107700	SPRING REGIST L	1
	9	*5B107430	BUSH POM A	2
	10	*5B507540	ROLLER TRANSFER	1
	11	*5B507970	GEAR T/C Z23H	1
	12	*5B108380	BUSH TRANSFER	2
	13	*5B107730	SPRING TRANS L	1
	14	*5B107740	SPRING TRANS R	1
	15	*5B508540	LABEL CAUTION FE	1
	16	*5B508700	PAPER CHUTE	1
	17	*5B508730	GUIDE PAPER	1
	18	*5B508630	SENSOR DOC	1
	19	*5B508620	ACTUATOR CASSETTE	1
●	20	*5B507240	ROLLER FEED ASS'Y	1
	21	*5B508010	GEAR FEED Z27	1
	22	*5B108360	HOLDER ROLLER FEED	1
	23	*5B508020	BUSH FEED	1
	24	*5A507200	ROLLER GUIDE	2
	25	*5B507880	SHAFT FEED	1
	26	*5B508710	SHAFT RELEASE	1
	27	*5B508640	SHAFT LOCK R	1
	28	*5B507600	SPRING HINGE R	1
	29	*5B108400	LEVER LOCK	1
	30	*5B508320	PLATE EARTH TC	1
	31	*5B107780	GEAR IDLE Z26	2
	32	*5B508040	COLLAR JOINT	2
	33	*5B508400	BRACKET M/P ROLL	1
	34	*5B507560	ROLLER M/P	1
	35	*5B508050	SPRING ROLL M/P	2
	36	*5B507680	SEAL ACTUATOR	1
	37	*5B508590	HINGE M/P R	1
	38	*5B508580	HINGE M/P L	1

- Parts with "*" are component parts or sub-assemblies of the assembly appearing immediately above them.
- Parts with "●" indicates the service parts.

FIG. 6 FUSER UNIT

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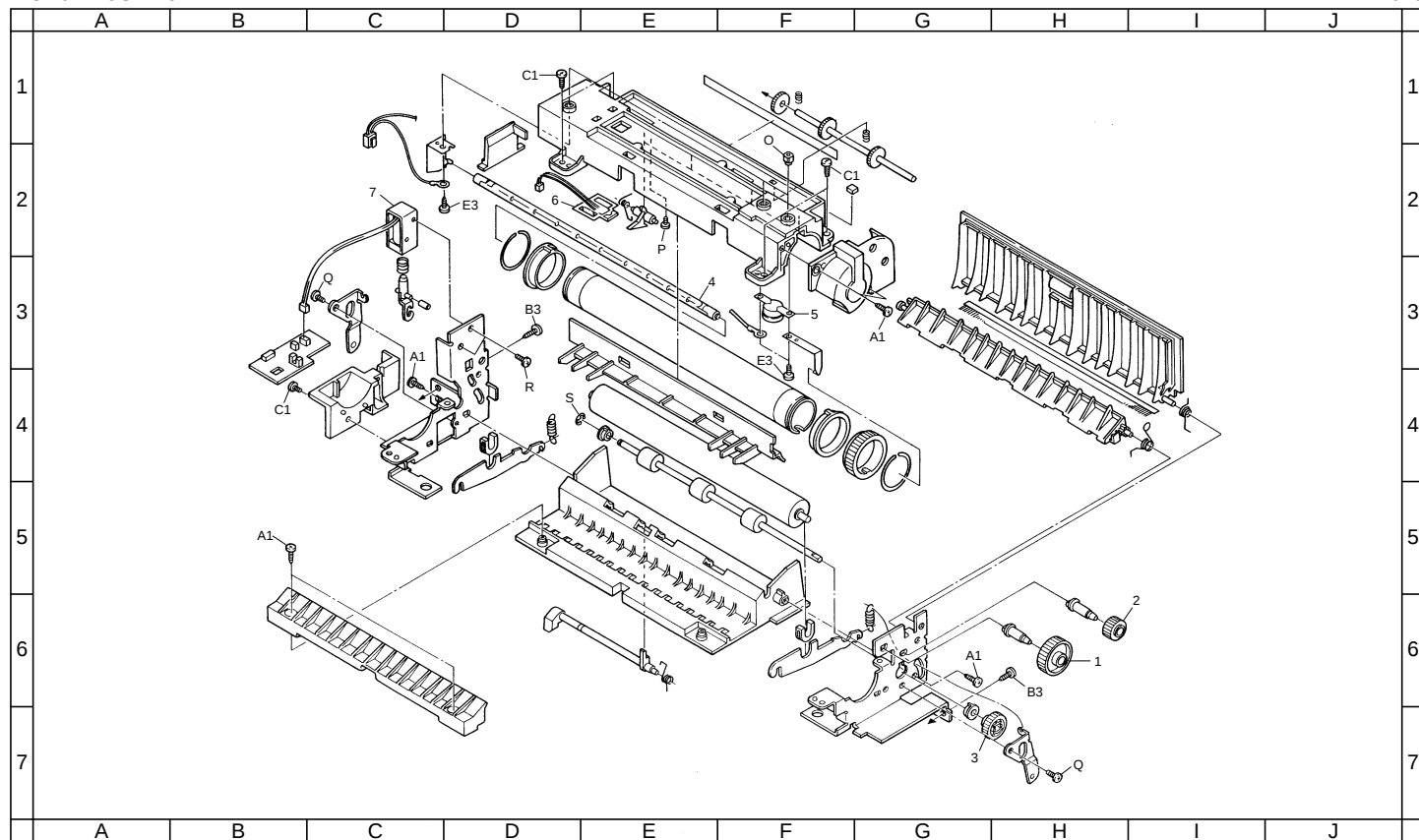


FIG. 6 FUSER UNIT

SP	Ref. No.	Part. No.	Description	Quantity
●	39	•5B508000	SHAFT M/P ROLL	1
●		5B507030	FK-23(U) FUSER UNIT	1
●	1	•5A210510	GEAR Z36	1
●	2	•5B507270	GEAR IDLE Z16	1
●	3	•5B507280	GEAR EXIT Z21	1
●	4	•5B507290	HEATER LAMP 120V	1
●	5	•5B507300	THERMOSTAT 250V160°C	1
●	6	•5A207700	THERMISTOR ASS'Y	1

- Parts with "•" are component parts or sub-assemblies of the assembly appearing immediately above them.
- Parts with "●" indicates the service parts.

FIG. 7 DRUM UNIT

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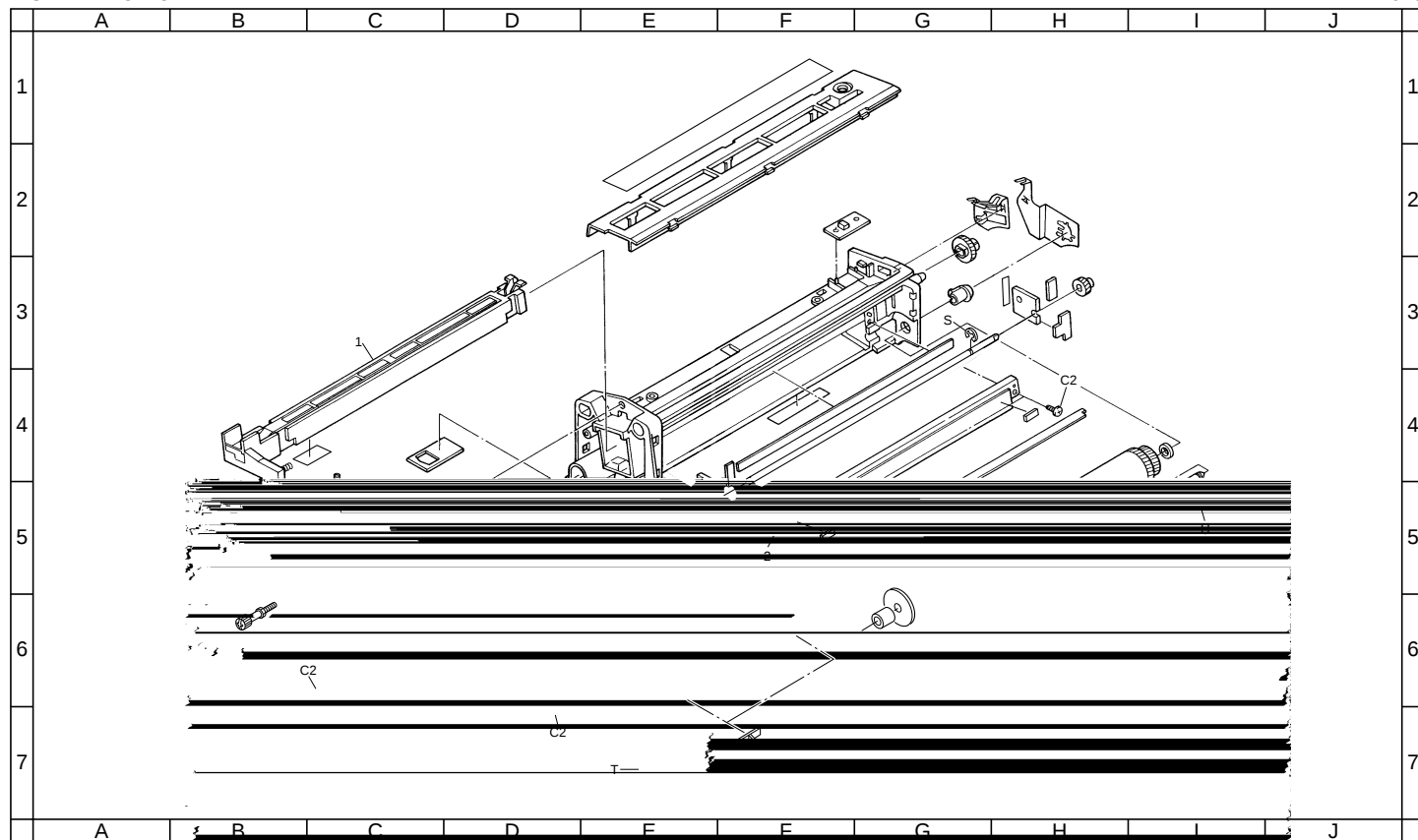


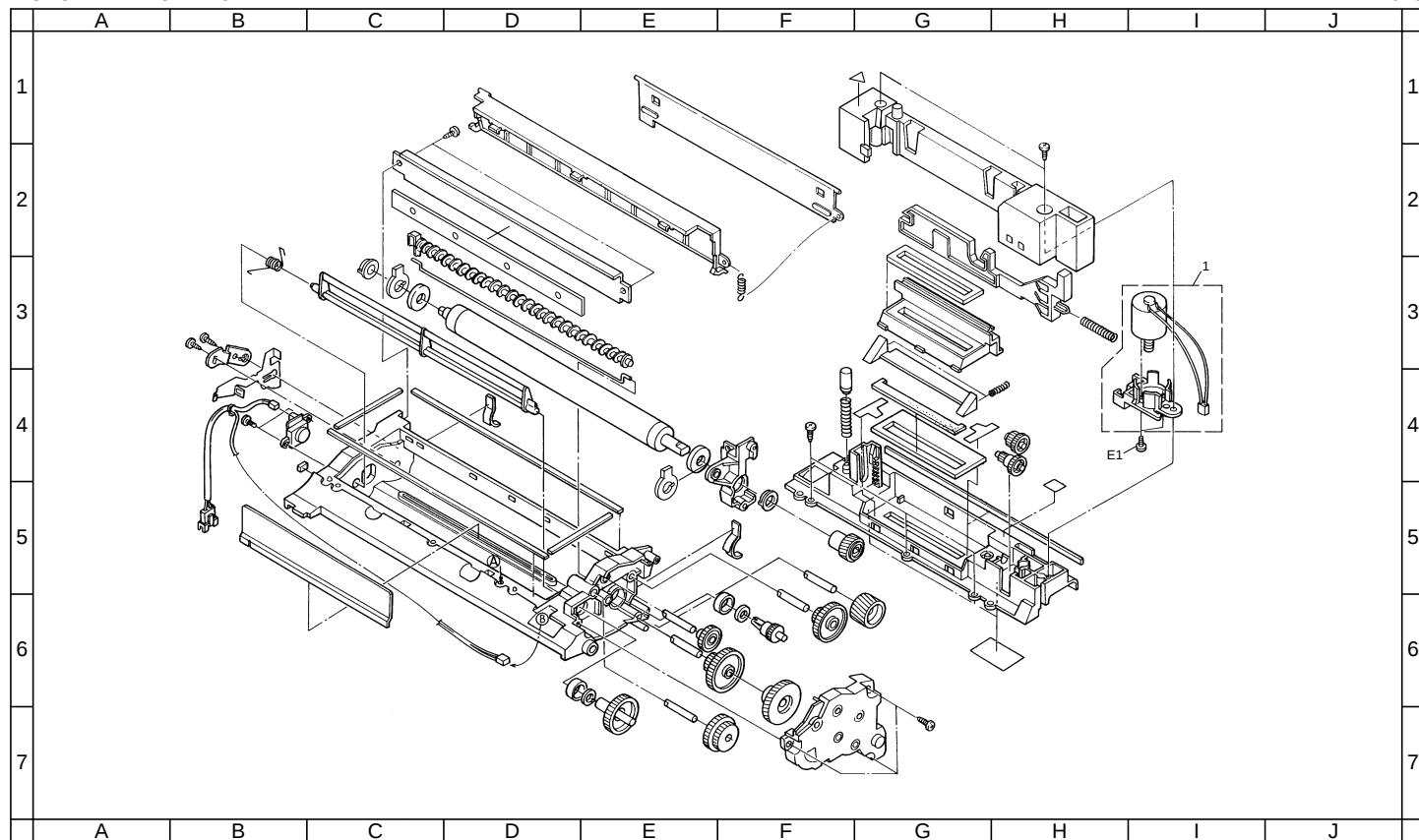
FIG. 7 DRUM UNIT

SP	Ref. No.	Part. No.	Description	Quantity
●	7	•5B507310	SOLENOID TDS-KN07A	1
●		5B507060	DK-23 DRUM UNIT	1
●	1	•5B507070	MCH ASS'Y	1

- Parts with "•" are component parts or sub-assemblies of the assembly appearing immediately above them.
- Parts with "●" indicates the service parts.

FIG. 8 DEVELOPER UNIT

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- Parts with "." are component parts or sub-assemblies of the assembly appearing immediately above them.
- Parts with "●" indicates the service parts.

FIG. 9 MULTI FEED UNIT

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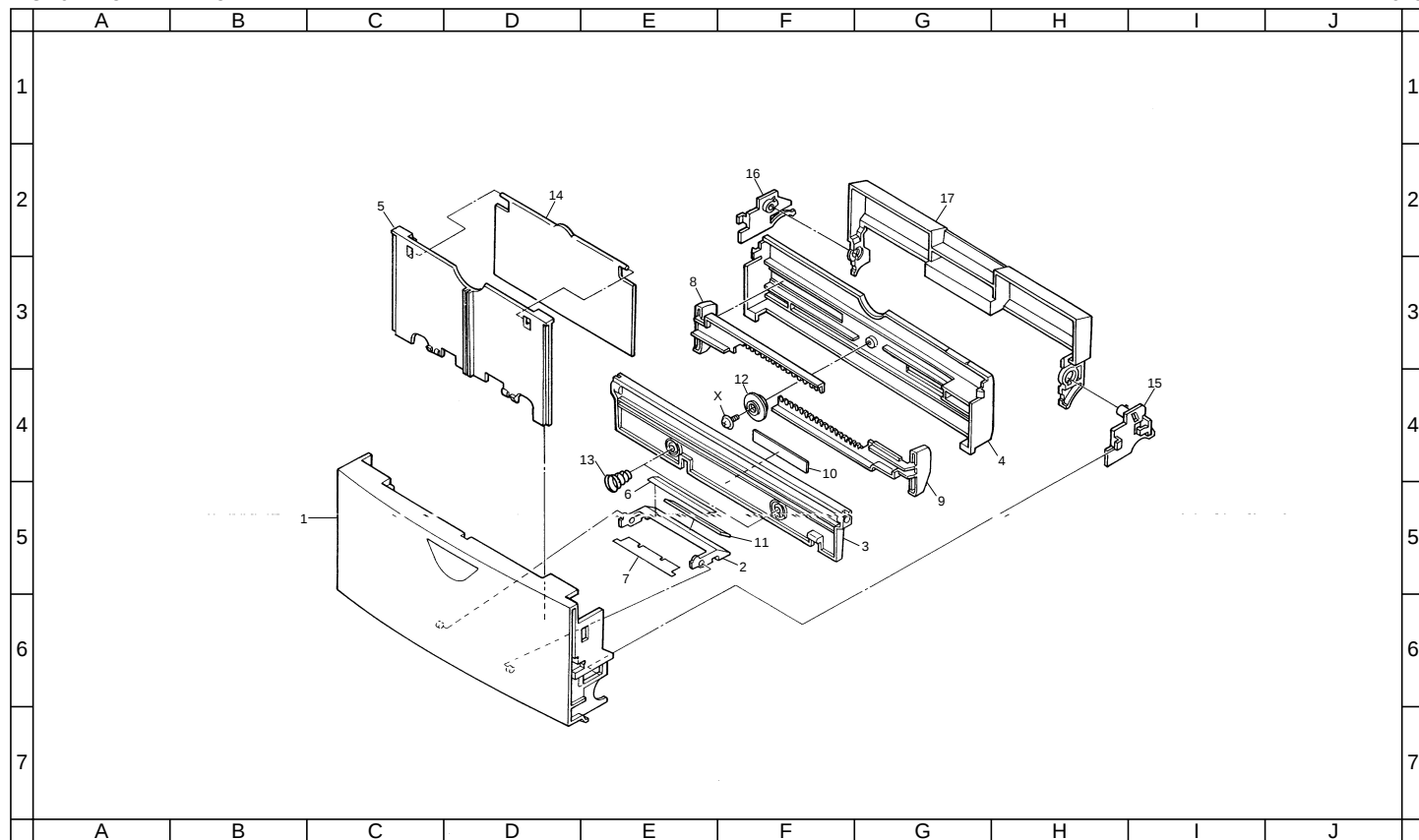


FIG. 9 MULTI FEED UNIT

SP	Ref. No.	Part. No.	Description	Quantity
●	1	•5B507330	TONER MOTOR ASS'Y	1
	1	5B507460	BASE M/P	1
	2	5B508600	SEPARATOR M/P	1
	3	5B508410	BOTTOM M/P A	1
	4	5B507490	BOTTOM M/P B	1
	5	5B507470	TRAY M/P	1
	6	5B507860	PLATE SEPARATOR A	1
	7	5B508470	SHEET BOTTOM R	1
	8	5B508670	GUIDE M/P L	1
	9	5B508680	GUIDE M/P R	1
	10	5B508480	PAD FRICTION	1
	11	5B508490	PAD SEPARATOR	1
	12	5B508440	GEAR MANUAL	1
	13	5B508130	SPRING BOTTOM	2
	14	5B507480	TRAY M/P B	1
	15	5B508560	LOCK M/P L	1
	16	5B508570	LOCK M/P R	1
	17	5B507500	LEVER M/P	1

- Parts with "•" are component parts or sub-assemblies of the assembly appearing immediately above them.
- Parts with "●" indicates the service parts.

SP	Part. No.	Description	Quantity	Fig. No.
●	5A107430	BUSH POM A	2	5
●	5A207700	THERMISTOR ASS'Y	1	6
●	5A207910	CLUTCH FEED	1	3
●	5A207920	CLUTCH REGIST	1	3
●	5A208530	PLATE OPTION	1	4
●	5A210270	GEAR MFEEED Z25	4	2
●	5A210290	GEAR REGIST Z24	1	5
●	5A210390	GEAR Z29S	1	5
●	5A210510	GEAR Z36	1	6
●	5A210790	BUSHING STOP	2	3
●	5A507200	ROLLER GUIDE	2	5
●	5B107340	SPRING INTER LOCK	1	2
●	5B107590	GEAR CLUTCH Z26S	1	3
●	5B107610	SPRING FREE	1	3
●	5B107620	SPRING JOINT	2	3
●	5B107690	SPRING REGIST R	1	5
●	5B107700	SPRING REGIST L	1	5
●	5B107730	SPRING TRANS L	1	5
●	5B107740	SPRING TRANS R	1	5
●	5B107780	GEAR IDLE Z26	2	5
●	5B108340	PLATE EARTH DRIVE	1	3
●	5B108350	BUSH FD R	1	2
●	5B108360	HOLDER ROLLER FEED	1	5
●	5B108370	FOOT	4	4
●	5B108380	BUSH TRANSFER	2	5
●	5B108400	LEVER LOCK	1	5
●	5B507010	DV-20 DEVELOPER UNIT	1	8
●	5B507020	FE-23 FEED TRANS UNIT	1	5
●	5B507030	FK-23(U) FUSER UNIT	1	6
●	5B507040	DR-23 DRIVE UNIT	1	3
●	5B507060	DK-23 DRUM UNIT	1	7
●	5B507070	MCH ASS'Y	1	7
●	5B507080	KEY BOARD ASS'Y	1	1
●	5B507090	PANEL ENGLISH	1	1
●	5B507140	TRANS ASS'Y	1	2
●	5B507150	FAN MOTOR	1	2
●	5B507160	MP CLUTCH ASS'Y	1	2
●	5B507170	MOTOR MAIN	1	3
●	5B507190	P.W.BOARD ASS'Y CONNECT	1	4
●	5B507200	P.W.BOARD ASS'Y MAIN	1	4

SP	Part. No.	Description	Quantity	Fig. No.
●	5B507220	SWITCHING REGULATOR	1	4
●	5B507230	P.W.BOARD ASS'Y ENGINE	1	4
●	5B507240	ROLLER FEED ASS'Y	1	5
●	5B507250	DISCHARGER ASS'Y	1	5
●	5B507270	GEAR IDLE Z16	1	6
●	5B507280	GEAR EXIT Z21	1	6
●	5B507290	HEATER LAMP 120V	1	6
●	5B507300	THERMOSTAT 250V160°C	1	6
●	5B507310	SOLENOID TDS-KN07A	1	6
●	5B507320	BLADE ASS'Y	1	7
●	5B507330	TONER MOTOR ASS'Y	1	8
●	5B507350	COVER FRONT	1	1
●	5B507360	COVER TOP	1	1
●	5B507370	COVER RIGHT	1	1
●	5B507380	COVER LEFT ASS'Y	1	1
●	5B507400	COVER REAR ASS'Y	1	1
●	5B507410	LID TOP ASS'Y	1	1
●	5B507420	SPRING COVER	1	1
●	5B507430	FD ASS'Y	1	1
●	5B507460	BASE M/P	1	9
●	5B507470	TRAY M/P	1	9
●	5B507480	TRAY M/P B	1	9
●	5B507490	BOTTOM M/P B	1	9
●	5B507500	LEVER M/P	1	9
●	5B507510	ROLLER FD	1	2
●	5B507530	ROLLER REGIST LOW	1	5
●	5B507540	ROLLER TRANSFER	1	5
●	5B507550	PANEL REAR	1	4
●	5B507560	ROLLER M/P	1	5
●	5B507580	PLATE EARTH EF	1	2
●	5B507590	SPRING SIZE SELECT	1	2
●	5B507600	SPRING HINGE R	1	5
●	5B507660	DLP LOCK ASS'Y	1	2
●	5B507670	BUSH FD L	1	2
●	5B507680	SEAL ACTUATOR	1	5
●	5B507710	GEAR Z21H-Z66H	1	3
●	5B507720	GEAR Z25H-Z53H	1	3
●	5B507730	GEAR Z42H	1	3
●	5B507740	GEAR Z20H-Z30H	1	3
●	5B507750	GEAR FREE Z34H	1	3

• Parts with "●" indicates the service parts.

SP	Part. No.	Description	Quantity	Fig. No.
● ●	5B507760	GEAR FREE Z37S	1	3
	5B507770	GEAR Z34S	1	3
	5B507780	GEAR Z26H-Z63H	1	3
	5B507790	GEAR Z23H-Z41H	1	3
	5B507800	GEAR Z33H	1	3
	5B507810	GEAR Z43H-Z45S	1	3
	5B507820	GEAR Z35S-Z57H	1	3
	5B507830	GEAR Z27S-Z28H	1	3
	5B507840	GEAR Z44S	1	3
	5B507850	GEAR CLUTCH Z22	1	3
	5B507860	PLATE SEPARATOR A	1	9
	5B507870	GEAR Z28S	2	3
	5B507880	SHAFT FEED	1	5
	5B507890	SEAL FAN	1	4
	5B507900	CONN.CORD ASS'Y	1	4
	5B507910	PLATE CLUTCH	1	3
	5B507920	MP BRACKET ASS'Y	1	2
	5B507930	BUSH REGIST	2	5
	5B507940	CONN.CORD ASS'Y	1	4
	5B507950	CONN.CORD ASS'Y	1	4
	5B507960	COVER CABLE	1	4
	5B507970	GEAR T/C Z23H	1	5
	5B507980	LID CONTROLLER	1	4
	5B508000	SHAFT M/P ROLL	1	5
	5B508010	GEAR FEED Z27	1	5
	5B508020	BUSH FEED	1	5
	5B508030	COVER HV ASS'Y	1	2
	5B508040	COLLAR JOINT	2	5
	5B508050	SPRING ROLL M/P	2	5
	5B508130	SPRING BOTTOM	2	9
	5B508140	CONN.CORD ASS'Y	1	2
	5B508170	BRACKET FAN	1	2
	5B508220	FAN MOTOR	1	4
	5B508270	P.W.BOARD ASS'Y FUX	1	4
	5B508290	CASE PWB POWER	1	4
	5B508300	PLATE JOINT R	1	3
	5B508310	PLATE JOINT F	1	3
	5B508320	PLATE EARTH TC	1	5
	5B508330	PLATE RELEASE CONT	1	4
	5B508340	PANEL ENGINE	1	4

SP	Part. No.	Description	Quantity	Fig. No.
	5B508350	BRACKET INLET	1	2
	5B508370	COVER CONTROLLER	1	4
	5B508380	PLATE DRIVE B	1	3
	5B508400	BRACKET M/P ROLL	1	5
	5B508410	BOTTOM M/P A	1	9
	5B508420	FRAME MID	1	2
	5B508430	BASE FEED	1	5
	5B508440	GEAR MANUAL	1	9
	5B508450	WALL REGULATOR	1	4
	5B508470	SHEET BOTTOM R	1	9
	5B508480	PAD FRICTION	1	9
	5B508490	PAD SEPARATOR	1	9
	5B508500	SHEET HI VOLTAGE	1	2
	5B508520	PIN SIZE SELECT	1	2
	5B508530	SHAFT CLUTCH F	1	3
	5B508540	LABEL CAUTION FE	1	5
	5B508560	LOCK M/P L	1	9
	5B508570	LOCK M/P R	1	9
	5B508580	HINGE M/P L	1	5
	5B508590	HINGE M/P R	1	5
	5B508600	SEPARATOR M/P	1	9
	5B508610	HOLDER CLUTCH	1	3
	5B508620	ACTUATOR CASSETTE	1	5
	5B508630	SENSOR DOC	1	5
	5B508640	SHAFT LOCK R	1	5
	5B508650	RAIL OPTION	2	4
	5B508660	ROD INTER LOCK A	1	2
	5B508670	GUIDE M/P L	1	9
	5B508680	GUIDE M/P R	1	9
	5B508700	PAPER CHUTE	1	5
	5B508710	SHAFT RELEASE	1	5
	5B508720	RAIL PWB ENGINE	1	4
	5B508730	GUIDE PAPER	1	5

• Parts with "●" indicates the service parts.

CLASSIFICATION OF THE SCREWS IN ILLUSTRATION

<u>REF.</u>	<u>ITEM #</u>	<u>DESCRIPTION</u>
A1	B3003080	TAPPING SCREW M3X8 (B TYP)
A2	B3003100	TAPPING SCREW M3X10(B TYPE)
B1	B1304060	BINDING SCREW BVM4X6 (BLACK)
B2	B3004080	BINDING SCREW M4X8
B3	B1304100	BINDING SCREW BVM4X10 (BLACK)
B20	B1604080	BINDING SCREW M4X8 (BRASS,NI)
B30	B1604100	BINDING SCREW M4X10,BRASS,NI.
C1	B3023060	BINDING TAP TIGHT SCREW M3X6
C2	B3023080	BINDING TAP TIGHT SCREW M3X8
C3	B3023100	BINDING TAP TIGHT SCREW M3X10
C4	B1303140	BINDING SCREW BVM3X14 (BLACK)
D10	B3024060	BINDING TAP-TIGHT SCREW M4X6
E1	B1003040	BINDING SCREW,CVM3X4
E2	B1003060	BINDING SCREW CVM3X6
E3	B1003080	BINDING SCREW M3X8
F	B3363050	TAPPING SCREW M3X5,B-TYP(BLACK)
G	B4303300	TRIPLE SCREW M3X30(BLACK)
I	D1000500	STOP RING (E-5)
J/T	D4000200	STOP RING CSTW-2
K	C2004080	PLAIN WASHER PWM4
L	E0020160	SPRING PIN 2X16
M	B4393120	PEDESTALHEAD TAP-TITE P BRONZE SCREW M3X12
R	B0003040	ROUND HEAD SCREW M3X4
S	D1000300	STOP RING (E-3)
U	D1000400	STOP RING (E-4)
X	B4043050	TRIPLE TAP-TITE P SCREW M3X05

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