

## 5. Exploded Views and Parts List

5-1 Main Assembly Exploded view .....	page(5-2)
5-2 Top Assembly Exploded view .....	page(5-4)
5-3 Frame Assembly Exploded view .....	page(5-6)
5-4 Exit Assembly Exploded view .....	page(5-9)
5-5 Fuser Assembly Exploded view .....	page(5-11)
5-6 Rack-MPF Assembly Exploded view .....	page(5-13)
5-7 Drive Assembly Exploded view .....	page(5-15)
5-8 Pick-Up Assembly Exploded view .....	page(5-17)
5-9 Cassette Assembly Exploded view .....	page(5-19)

- Deal drawings and service parts are declared for the items with higher rate of inferiority and replaceable in the level of service description only.
- If inferiority occurs, you can replace the parts by the unit declared in deal drawings and service items.

### Way to observe Part Code & Description

Part code and Description is quoted and controlled by determined standard. Refer to this determined standard, it will help with ordering Part.

There are two kinds of Part code inscription type.

● ● ● ● - ● ● ● ● ●	ex ) 2007-007961	R-CHIP
■ ■ ● ● - ● ● ● ■	ex ) JB96-01268A	ELA UNIT-COVER TOP

It shows part specific

( ● : figure, ■ : character (alphabet) )

Type 1 : Controlled by Company : It can be commonly used for all kinds of product SEC produce. Mostly, electronics Parts.

Type 2 : Controlled by Division : It is used or one produce. Mostly, Mostly, mechanical Parts.

• A/S privately used part : It is only used for A/S .

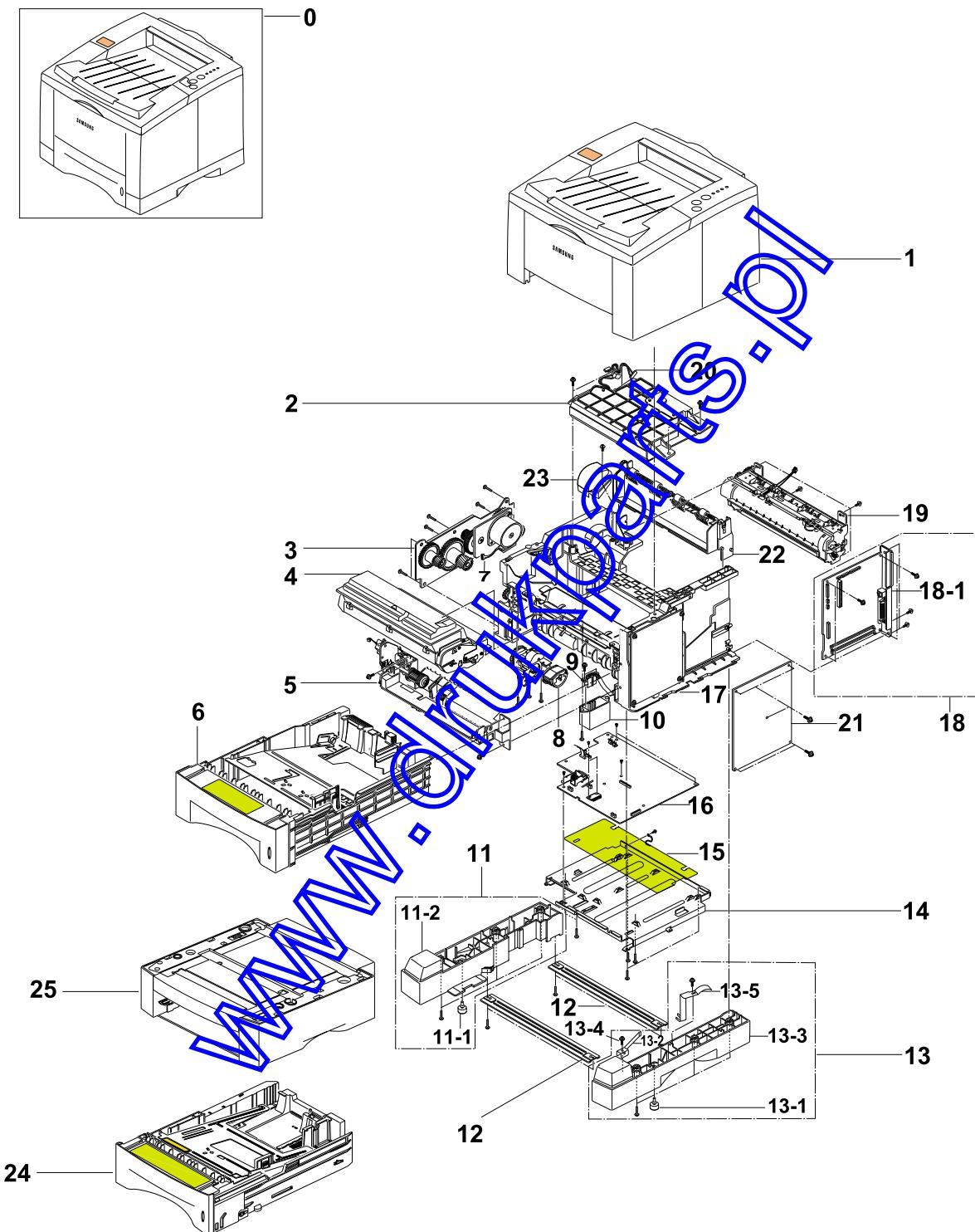
• Ass'y part : Assembled by more than 2 Parts. If necessary part is not A/S Part, Ass'y part including necessary part can be used. It is shown in the diagram and drawing of SVC manual.

• Ass'y part and A/S privately used Part is distinguished by part Code and Description. The are inscription type 2. It is recognized by Part character and front side of description.

DIVISION	PART CODE	DESCRIPTION
A/S Private	**81-***** (JB81-00039A)	AS***** (AS-USE)
ASS'Y Part	**75-***** (JB75-00068A)	MEC-***** (MEC-CHUTE)
ASS'Y Part	**92-***** (JB92-01131A)	PBA ***** (PBA MAIN-CONTROLLER)
ASS'Y Part	**97-***** (JB97-01089A)	MEA ***** (MEA UNIT-PULLEY IDLE)

## 5-1 Main Assembly Exploded view

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## &lt; Main Assembly Parts List &gt;

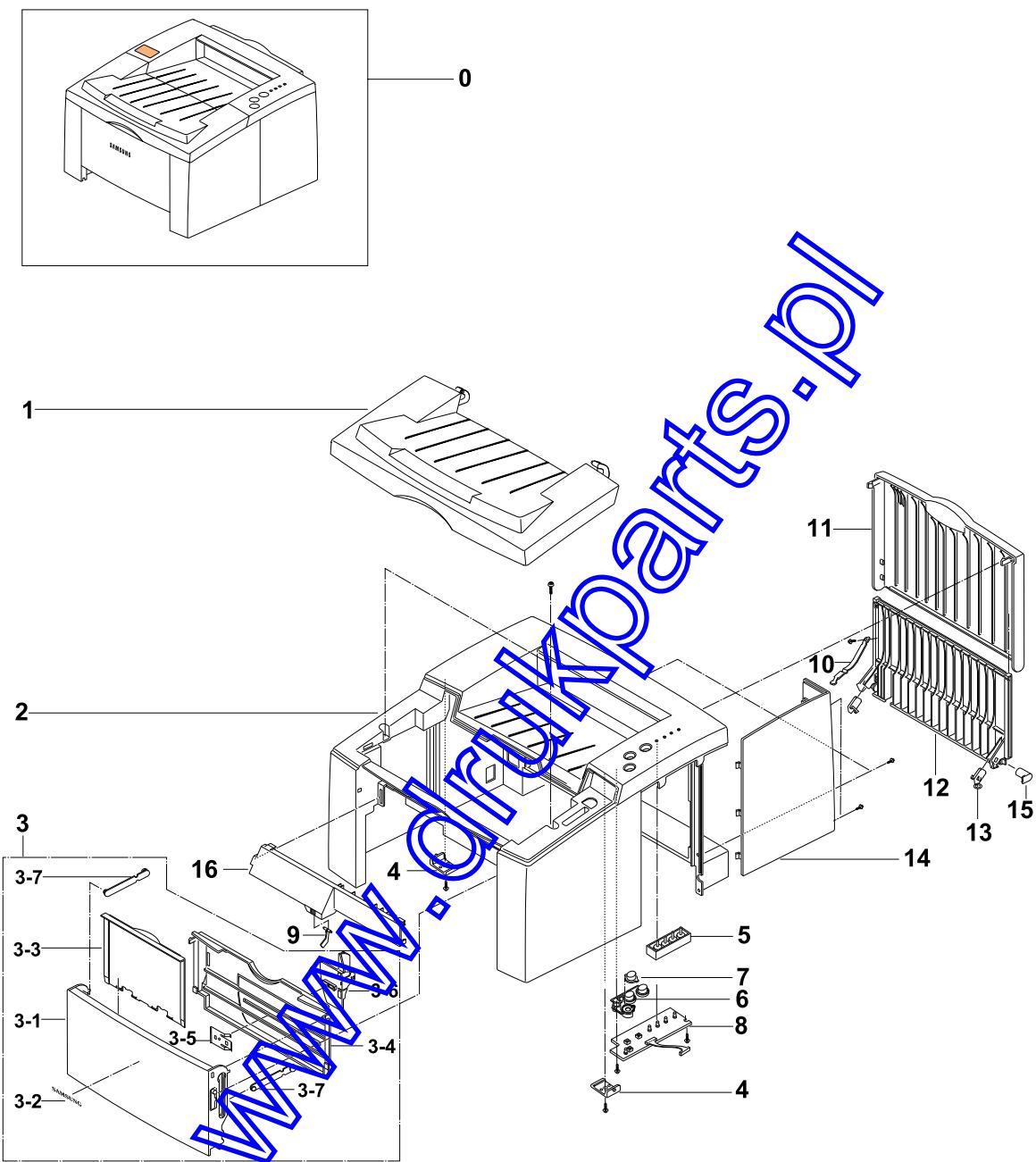
SA. : Service Available

NO	DESCRIPTION	SEC CODE	Q'TY	SA	REMARK
1	ELA HOU-COVER MAIN	<see page 5-5>	1	X	
2	UNIT-LSU	JC59-00004A	1	O	
3	ELA UNIT-MOTOR	JC96-02058A	1	O	
4	ELA UNIT-DEVE	*	1	X	
5	ELA HOU-MPF	JC96-01650B	1	O	
6	MEA RACK-FEEDER CST	JC97-01323D	1	O	500 SHEETS
7	CBF-HARNESS-MOTOR	*	1	X	
8	MEA UNIT-FEEDER	JC97-01324A	1	O	
9	CBF HARNESS-ENG SCF	JC39-00154A	1	O	
10	PMO-SUPPORT SCF	JC72-00639A	1	O	
11	MEA UNIT-BRKT BOTTOM(L)	JC97-01315A	1	O	
11-1	FOOT-RUBBER	*	1	X	
11-2	PMO-BRKT BASE L	*	1	X	
12	IPR-BAR CROSS BOTTOM	JC70-00098A	2	O	
13	MEA UNIT-BRKT BOTTOM(R)	JC97-01316A	1	O	
13-1	FOOT-RUBBER	*	1	X	
13-2	IPR-PLATE CST GUIDE	*	1	X	
13-3	PMO-BRKT BASE R	*	1	X	
13-4	SCREW-TAPTITE	*	3	X	
13-5	IPR-GROUND SCF BASE	*	1	X	
14	SHIELD-PCU	JC70-00080A	1	O	
15	PCT-INSULATOR PCU	JC72-00334A	1	O	
16	PBA MAIN-ENGINE_V1(110V)	JC92-01394A	1	O	110V
	PBA MAIN-ENGINE_V2(220V)	JC92-01396A	1	O	220V
17	ELA UNIT-FRAME BASE_V1(110V)	JC96-01641M	1	O	110V
	ELA UNIT-FRAME BASE_V2(220V)	JC96-01641L	1	O	220V
18	ELA HOU-CONTROLLER	JC96-02424A	1	O	
18-1	PBA MAIN CONTROLLER	JC92-01393A	1	O	ML-1450
	PBA MAIN CONTROLLER	JC92-01408A	1	O	ML-1451N
19	AS-FUSER ASSY_V1(110V)	JC96-02439A	1	O	110V
	AS-FUSER ASSY_V2(220V)	JC81-00395A	1	O	220V
20	CBF HARNESS-LSU	*	1	X	
21	PBA PWR-HVPS_HAWK	JC92-01313A	1	O	
22	MEA RACK-HOU EXIT	JC97-01338L	1	X	
23	PMO-DUCT FAN	JC72-00582A	1	O	
24	MEA RACK-CAST,SCF	*	1	X	OPTIONAL
25	ELA HOU-SCF	*	1	X	OPTIONAL

O: Service available X: Service not available

## 5-2 Top Assembly Exploded view

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## &lt; Top Assembly Parts List &gt;

SA. : Service Available

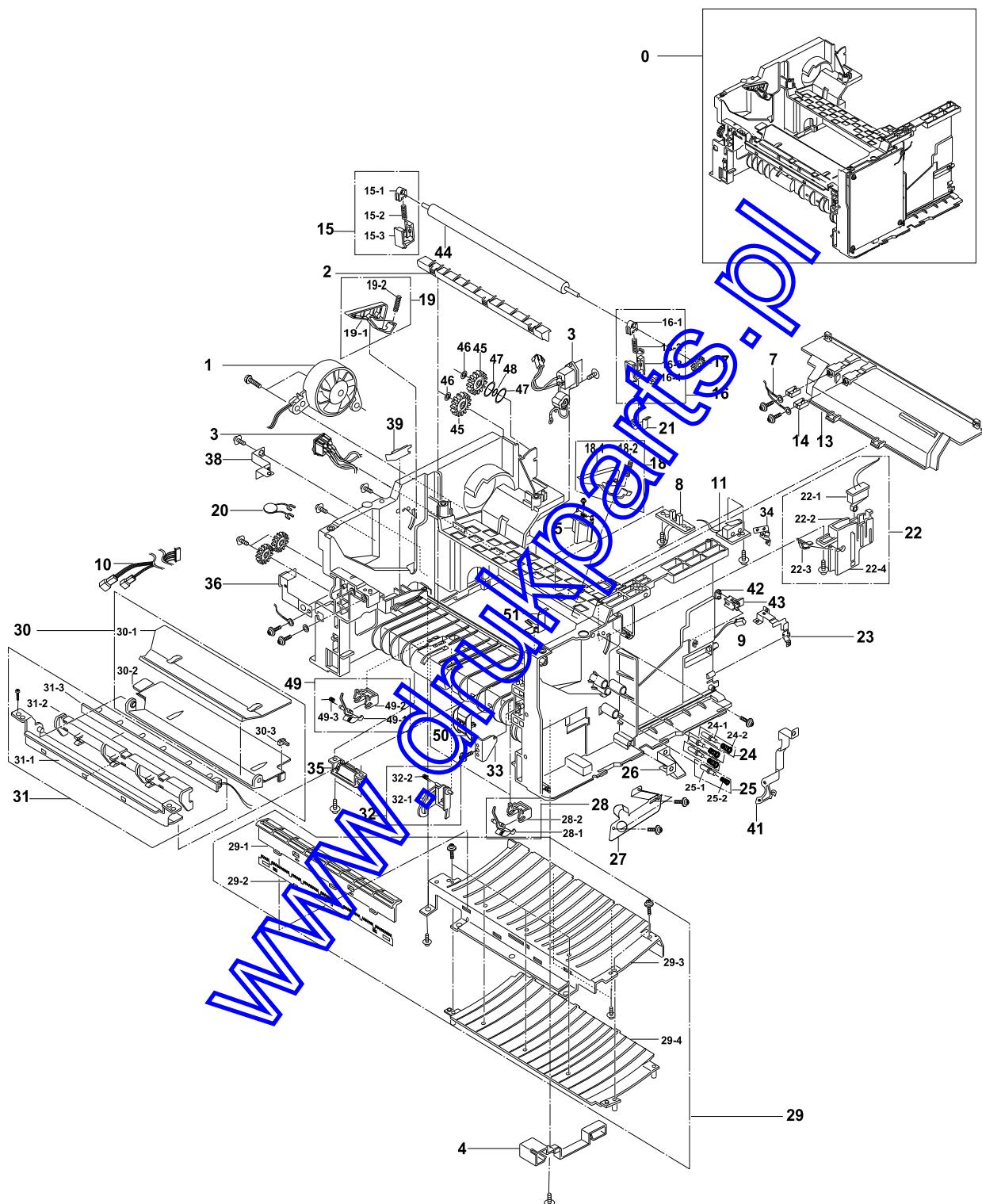
NO	DESCRIPTION	SEC CODE	Q'TY	SA	REMARK
0	ELA HOU-COVER MAIN	<see below table>	1	O	
1	PMO-COVER OPEN	*	1	X	
2	PMO-COVER MAIN	*	1	X	
3	MEA UNIT-MP TRAY	JC97-01325A	1	O	
3-1	PMO-COVER-MP	*	1	X	
3-2	NPR-BADGE (45)	*	1	X	
3-3	PMO-TRAY EXTENSION MP	*	1	X	
3-4	PMO-TRAY HOLDER MP	*	1	X	
3-5	IPR-GUIDE LATCH	*	1	X	
3-6	PMO-ADJUSTER_P SIDE	*	1	X	
3-7	PMO-TRAY LINK MP	*	2	X	
4	STOPPER HINGE OPEN	*	1	X	
5	PMO-LENS LED	*	1	X	
6	PMO-KEY BUTTON	*	1	X	
7	PMO-KEY SAVE MODE	*	1	X	
8	PBA LED PANEL-II	*	1	X	
9	PMO-LEVER_EMPTY, MP	*	1	X	
10	PMO-STOPPER_EXIT,P	*	1	X	
11	PMO-COVER REAR	*	1	X	
12	PMO-STACKER REAR	*	1	X	
13	IPR-SPRING LOCKER REAR	*	2	X	
14	PMO-COVER CONTROLLER	JC71-00358A	1	O	
15	PMO-CAP REAR	*	1	X	
16	PMO-SUPPORT MAIN	*	1	X	
S1	SCREW-TAPTITE	*	12	X	

O: Service available X: Service not available

## ♦ ELA HOU-COVER MAIN

ML-1450/XAA	JC96-02269E
ML-1450/XAC	JC96-02269E
ML-1450/XAX	JC96-02269L
ML-1450/XEC	JC96-02269L
ML-1450/XEF	JC96-02269K
ML-1450/XEG	JC96-02269E
ML-1450/XET	JC96-02269E
ML-1450/XEU	JC96-02269E
ML-1450/XEV	JC96-02269V
ML-1450/XIL	JC96-02269J
ML-1450/XIP	JC96-02269E
ML-1450/XSA	JC96-02269E
ML-1451N/XEF	JC96-02269Q
ML-1451N/XEG	JC96-02269T
ML-1451N/XEU	JC96-02269T

### 5-3 Frame Assembly Exploded view



## &lt; Frame Assembly Parts List &gt;

SA. : Service Available

NO	DESCRIPTION	SEC CODE	Q'TY	SA	REMARK
0	ELA UNIT-FRAME BASE	JC96-01641M	1	O	110V
	ELA UNIT-FRAME BASE	JC96-01641L	1	O	220V
1	FAN-DC-HAWK	JC31-00004A	1	O	
2	PMO-GUIDE RIB	*	1	X	
3	CBF HARNESS-INLET ASS'Y	*	1	X	
4	PMO-HOLDER WIRE	*	1	X	
5	KEY DEVE	*	1	X	
6	GEAR-EXIT /U ID	*	1	X	
7	CBF-HARNESS_FUSER	*	1	X	
8	PBA SUB-EXIT SENSOR	*	1	X	
9	CBF-HARNESS-THERMISTOR JOINT	*	1	X	
10	CBF-HARNESS-MP_CLUTCH ENG	*	1	X	
11	PBA SUB-FUSER SW	JC92-01261B	1	O	
13	PMO-FRAME COVER	*	1	X	
14	IPR-TERMINAL FU	*	2	X	
15	ELA-UNIT-HOLDER TR L	JC96-01730A	1	O	
15-1	PMO-BUSHING TR	*	1	X	
15-2	SPRING TR L	*	1	X	
15-3	PMO-TRANSFER HOLDER	*	1	X	
16	ELA-UNIT-HOLDER TR R	JC96-01730A	1	O	
16-1	PMO-BUSHING TR	*	1	X	
16-2	SPRING TR R	*	1	X	
16-3	PMO-TRANSFER HOLDER	*	1	X	
16-4	IPR-PLATE TR	*	1	X	
17	GEAR-TR 29	JC66-00039A	1	O	
18	ELA UNIT-GUIDE DEVE L	*	1	X	
18-1	PMO-GUIDE DEVE L	*	1	X	
18-2	SPRING GUIDE DEVE	*	1	X	
19	ELA UNIT-GUIDE DEVE R	*	1	X	
19-1	PMO-GUIDE DEVE R	*	1	X	
19-2	SPRING GUIDE DEVE	*	1	X	
20	ELA HOU-VARISTOR	JC96-01772A	1	O	
21	IPR-TERMINAL TR	*	1	X	
22	ELA UNIT-SENSOR DEVE	*	1	X	
22-1	PBA SUB-SWITCH	*	1	X	
22-2	PMO-HOLDER ACTUATOR	*	1	X	
22-3	PMO-ACTUATOR DEVE	*	1	X	
23	GROUND FU	*	1	X	
24	ELA UNIT-TERMINAL TR S	*	3	X	
24-1	ICT-SHAFT HV LARGE	*	3	X	
24-2	SPRING-HV LARGE	*	3	X	
25	ELA UNIT-TERMINAL TR L	*	1	X	
25-1	ICT-SHAFT HV LARGE	*	1	X	

O: Service available X: Service not available

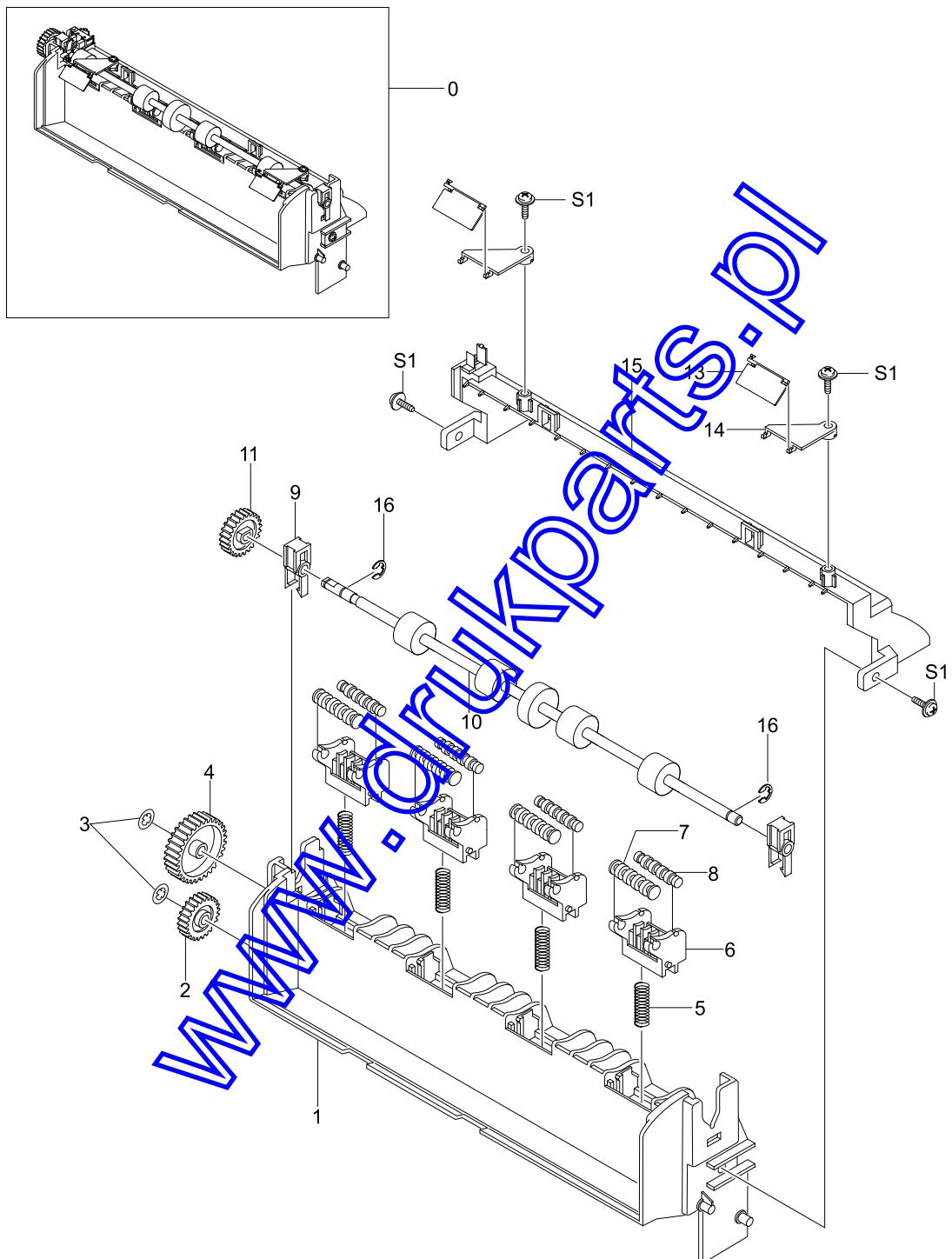
## &lt; Frame Assembly Parts List Cont.&gt;

SA. : Service Available

NO	DESCRIPTION	SEC CODE	Q'TY	SA	REMARK
25-2	SPRING-HV SMALL	*	1	X	
26	GROUND-HVPS	*	1	X	
27	IPR-REMOVE KEY	JC70-00139A	1	O	
28	ELA UNIT-ACTUATOR FEED	*	1	X	
28-1	PMO-ACTUATOR FEED	*	1	X	
28-2	PMO-HOLDER ACTUATOR	*	1	X	
29	ELA UNIT-GUIDE TRANSFER	*	1	X	
29-1	PMO-HADER SAW PLATE	*	1	X	
29-2	IPR-PLATE SAW	*	1	X	
29-3	IPR-GUIDE TRANSFER	*	1	X	
29-4	PMO-GUIDE RIB TR	*	1	X	
30	ELA UNIT-GUIDE FEED HAWK16	JC96-01653C		O	
30-1	PMO-GUIDE OPTIC	*	1	X	
30-2	GUIDE FEED	*	1	X	
30-3	PMO-HOLDER G/PAPER	*	1	X	
31	ELA UNIT-PTL	*		X	
31-1	GUIDE PLATE FEED	*	1	X	
31-2	PMO-HOLDER PTL	*	1	X	
31-3	PBA SUB-PTL	*	1	X	
32	ELA UNIT-EMPTY ACT	*	1	X	
32-1	PMO-ACTUATOR EMPTY HAWK	*	1	X	
32-2	SPRING EMPTY		1	X	
33	PMO-HINGE GUIDE FEED	JC70-00321A	1	O	
34	IPR-GND ICU 2	JC70-00150A	1	O	
35	PMO-CAP SENSOR	*	1	X	
36	GND MP	*	1	X	
37	GEAR P/UP DRV	JC66-40219A	1	O	
38	GROUND MOTOR	*	1	X	
39	IPR-GUIDE DUST	*	1	X	
41	IPR-OPC-HAWK	*	1	X	
42	CAP CONNECTOR L	*	1	X	
43	CAP CONNECTOR R	*	1	X	
44	MEC-ROLLER TRANSFER	JC75-10963B	1	O	
45	GEAR IDLE	*	1	X	
46	RING-CS	*	2	X	
47	WASHER-PLAIN	*	2	X	
48	IPR-WASHER SPRING SU	*	1	X	
49	ELA UNIT-ACTUATOR FEED HAWK14	*	1	X	
49-1	PMO-ACTUATOR FEED	*	1	X	
49-2	PMO-HOLDER ACTUATOR	*	1	X	
49-3	SPRING ETC-FEED HAWK14	*	1	X	
50	PMO-GUIDE_SKEW(12)	*	1	X	
51	IPR-TERMINAL TR HAWK	*	1	X	

O: Service available X: Service not available

## 5-4 Exit Assembly Exploded view



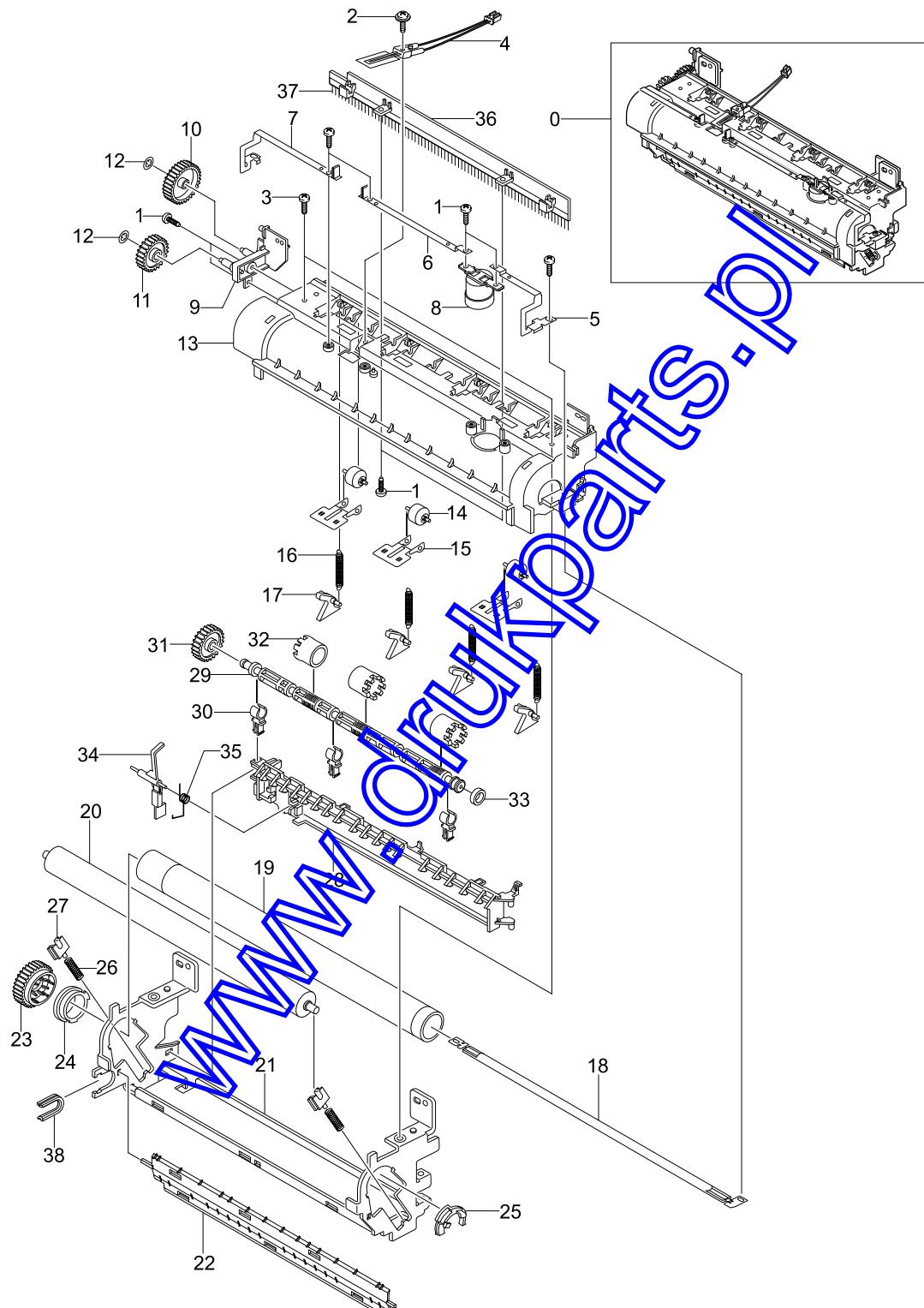
## &lt; Exit Ass'y Parts List &gt;

SA. : Service Available

NO	DESCRIPTION	SEC CODE	Q'TY	SA	REMARK
0	MEA RACK-HOU EXIT	JC97-01338L	1	O	
1	PMO-FRAME REAR	*	1	X	
2	GEAR-EXIT/U, ID	*	1	X	
3	RING-CS	*	2	X	
4	GEAR-IDLE 25	*	1	X	
5	SPRING-F/DOWN	*	4	X	
6	PMO-HOLDER EXIT_F/DOWN	*	4	X	
7	PMO-ROLLER-EXIT, MAIN	*	4	X	
8	PMO-ROLLER-EXIT, FR	*	4	X	
9	MEC-BEARING, EXIT RING-C	*	2	X	
10	MEA UNIT-ROLL EXIT	*	1	X	
11	GEAR-EXIT	*	1	X	
12	MEC-BEARING, EXIT RING-C	*	2	X	
13	HOLDER LEVER	*	2	X	
14	LEVER STACKING	*	2	X	
15	GUIDE EXIT	*	1	X	
16	RING-C	*	2	X	
S1	SCREW TAPTITE	*	4	X	

O: Service available X: Service not available

## 5-5 Fuser Assembly Exploded view



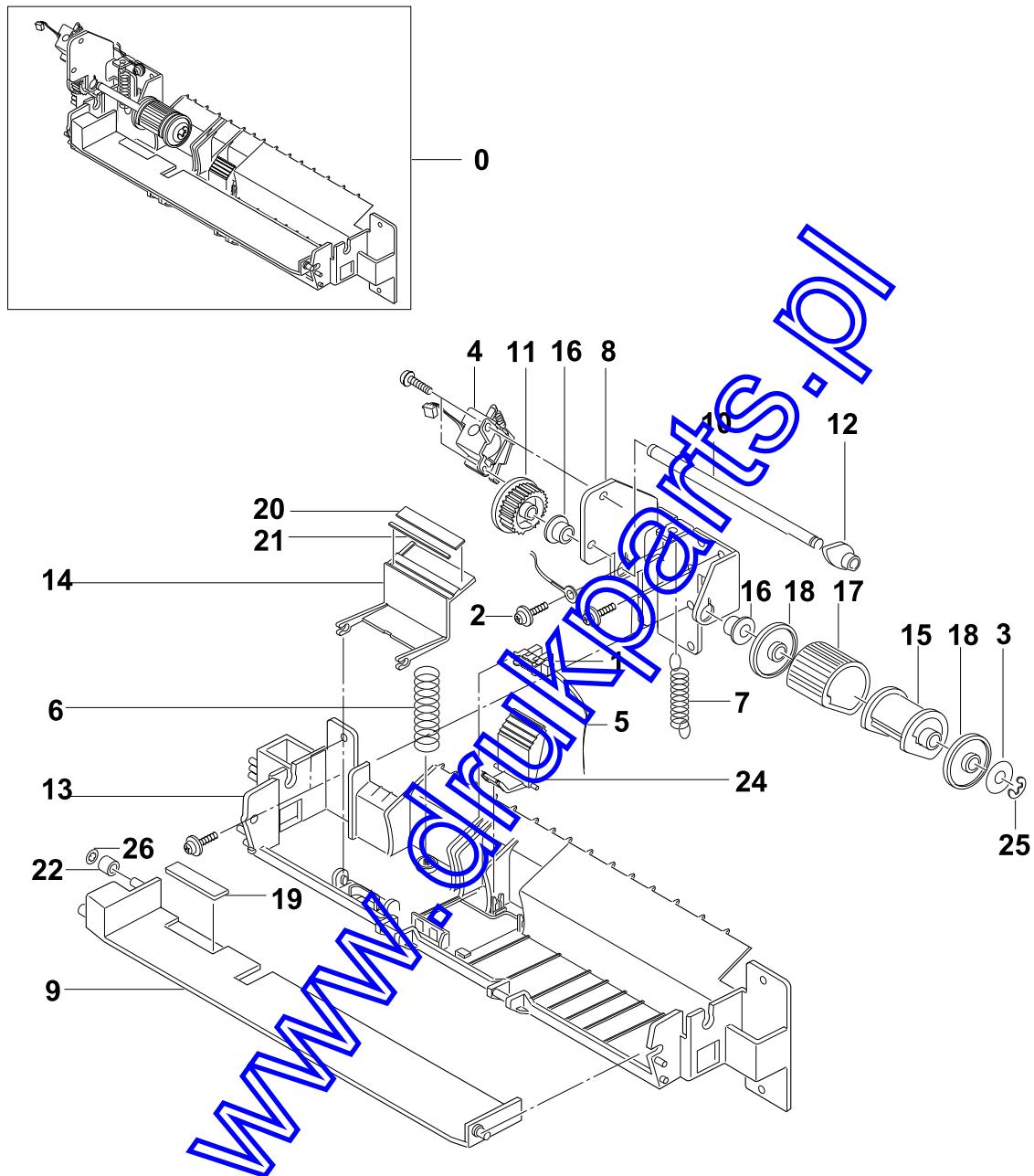
## &lt; Fuser Assembly Parts List &gt;

SA. : Service Available

NO	DESCRIPTION	SEC CODE	Q'TY	SA	REMARK
0	AS-FUSER ASSY	JC96-02439A	1	O	110V
	AS-FUSER ASSY	JC81-00395A	1	O	220V
1	SCREW TAPWHITE M3 x 8, BH+	*	10	X	
2	SCREW TAPWHITE M3 x 10, FH+	*	1	X	
3	SCREW MACHINE M3 x 6	*	2	X	
4	THERMISTOR-FUSER	JC14-00001A	1	O	
5	ELECTRODE FU R	*	1	X	
6	ELECTRODE FU M	*	1	X	
7	ELECTRODE FU L	*	1	X	
8	THERMOSTAT	*	1	X	
9	BRKT GEAR FUSER	*	1	X	
10	GEAR-IDLE 25	*		X	
11	GEAR-IDLE 15	*	1	X	
12	RING-CS	*		X	
13	COVER FUSER	*	1	X	
14	ROLLER EXIT_F/UP	*	3	X	
15	EXIT_F/UP (SPRING)	*	3	X	
16	SPRING-CLAW	*	4	X	
17	GUIDE-CLAW	*	4	X	
18	LAMP-HALOGEN	J711-001135	1	O	110V
	LAMP-HALOGEN	J713-001136	1	O	220V
19	NEX-ROLLER-HEAT	JC71-00901A	1	O	
20	MEC-ROLLER PRESSURE	JC75-00114A	1	O	
21	FRAME FUSER	*	1	X	
22	PMO-GUIDE INPUT	*	1	X	
23	GEAR FUSER, Z32	*	1	X	
24	BUSHING HR-L	*	1	X	
25	BUSHING HR-R	*	1	X	
26	SPRING-BEARING PR	*	2	X	
27	BUSHING PR	*	2	X	
28	GUIDE REAR	*	1	X	
29	SHAFT EXIT_F/UP	*	1	X	
30	BUSHING_X	*	3	X	
31	GEAR-EXIT	*	1	X	
32	RUBBER EXIT	*	3	X	
33	RUBBER EXIT F/UP	*	1	X	
34	ACTUATOR EXIT	*	1	X	
35	SPRING-ACTUATOR	*	1	X	
36	HOLDER BRUSH	*	1	X	
37	BRUSH ANTISTATIC	*	1	X	
38	HOLDER SHAFT	*	1	X	

O: Service available X: Service not available

## 5-6 Rack-MPF Assembly Exploded view



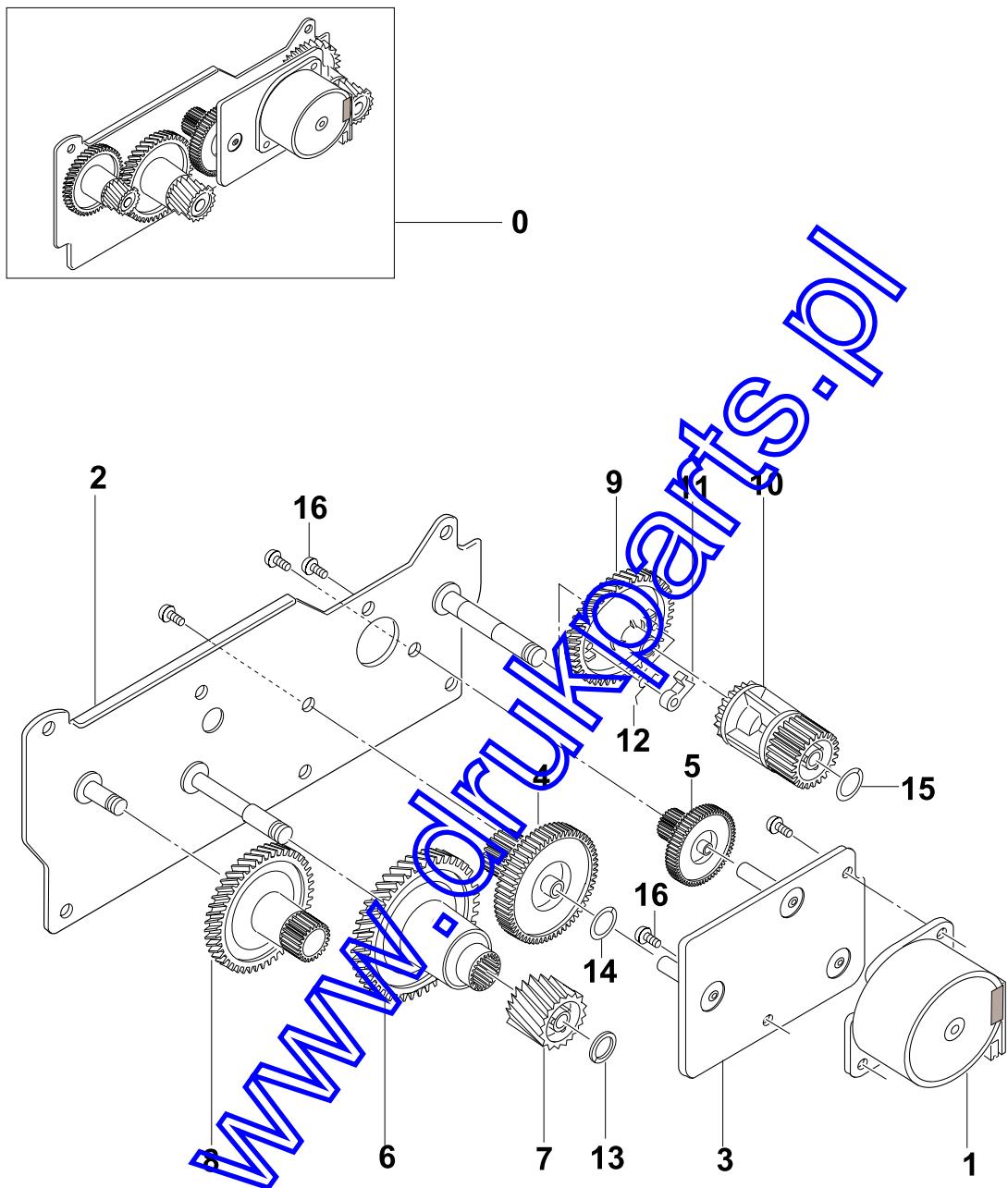
## &lt; Rack-MPF Assembly Parts List &gt;

SA. : Service Available

NO	DESCRIPTION	SEC CODE	Q'TY	SA	REMARK
0	ELA HOU-MPF	JC96-01650B	1	O	
1	PHOTO-INTERRUPTER	0604-001095	1	O	
2	SCREW-TAPTITE	*	2	X	
3	WASHER-PLAIN	*	1	X	
4	SOLENOID	*	1	X	
5	CBF-HARNESS-MP_EMPTY	*	1	X	
6	SPRING KNOCK UP	*	1	X	
7	SPRING-PICK UP, MP	*	1	X	
8	BRACKET_MP	*	1	X	
9	PMO-PLT KNOCK_UP, MP	*	1	X	
10	ICT-SHAFT_P/U, MP	*	1	X	
11	PMO-GEAR P/U MP	*		X	
12	PMO-CAM PICK UP MP	*	1	X	
13	PMO-FRAME_MP	*	1	X	
14	PMO-HOLDER_P/U,MP	*	1	X	
15	PMO-HOUSING_P/U, MP	*	1	X	
16	PMO-BEARING-PICK UP	*	2	X	
17	RMO-RUBBER_P/U, MP	*	1	X	
18	PMO-IDLE PICK UP, MP	*	2	X	
19	RPR-PAD KNOCKUP, MP	*	1	X	
20	RCR-FRICTION PAD 1 MP		1	X	
21	RCR-FRICTION PAD 2 MP		1	X	
22	PMO-RING KNOCK UP MP	*	1	X	
23	SCREW TAPTITE	*	2	X	
24	PMO-ADJUST END MP	*	1	X	
25	RING-E	*	1	X	
26	RING-CS	*	1	X	

O: Service available X: Service not available

## 5-7 Drive Assembly Exploded view

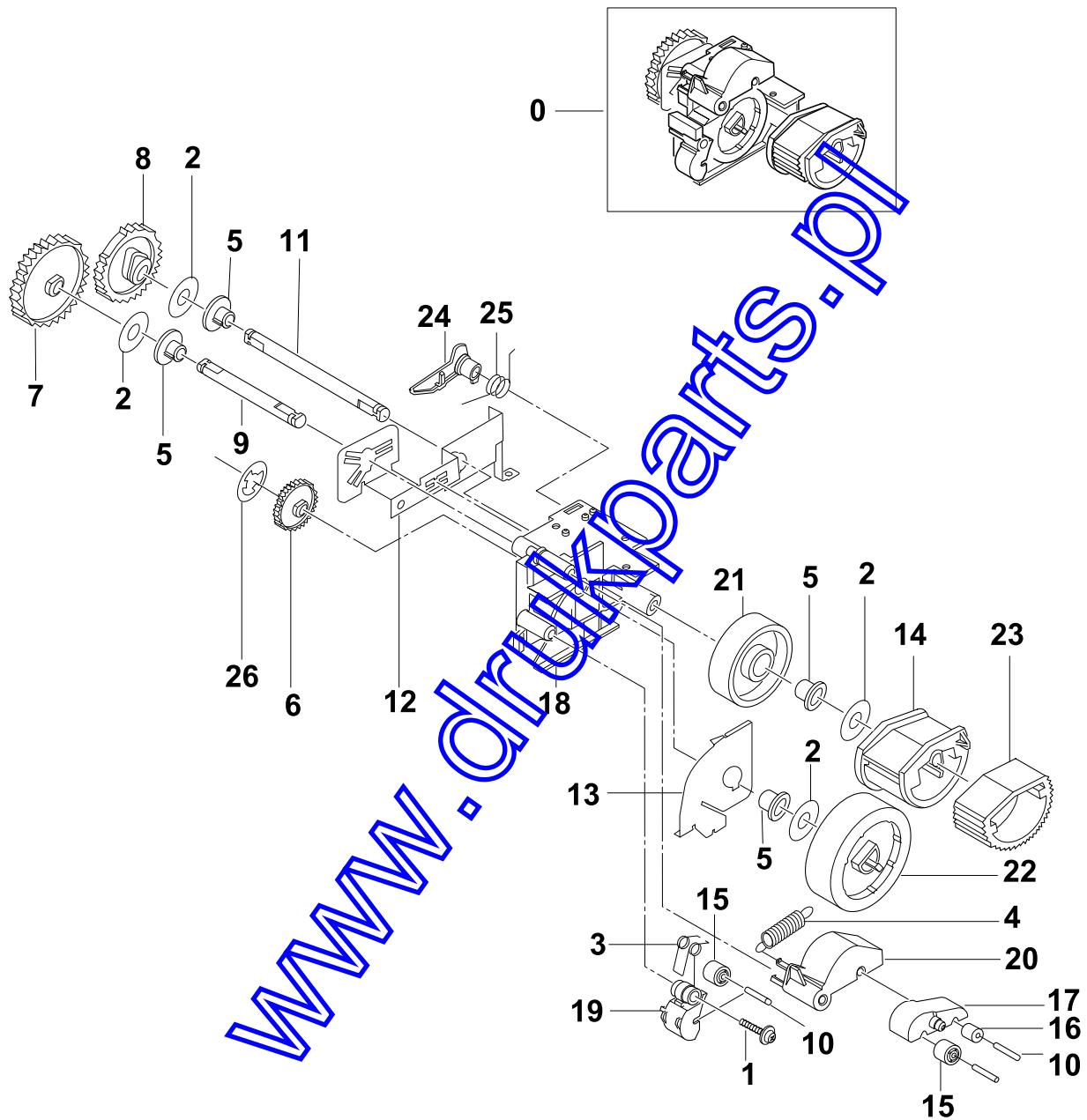


## &lt; Drive Assembly Parts List &gt;

SA. : Service Available

NO	DESCRIPTION	SEC CODE	Q'TY	SA	REMARK
0	ELA UNIT-MOTOR	JC96-02058A	1	O	
1	MOTOR-STEP	JC31-00010A	1	O	
2	IPR-BRKT GEAR	*	1	X	
3	IPR-BRKT MOTOR	*	1	X	
4	GEAR-RDCN 145-70	*	1	X	
5	GEAR-RDCN 90-24	*	1	X	
6	GEAR-OPC DRV 135	*	1	X	
7	GEAR-OPC DRIVE2	*	1	X	
8	GEAR-FEED DRV	*	1	X	
9	GEAR-CLUTCH 56	*	1	X	
10	GEAR-FUSER DRV23	*	1	X	
11	PMO-CLUTCH LEVER	*	2	X	
12	SPRING-CLUTCH	*	2	X	
13	WASHER-PLAIN	*	1	X	
14	MPR-POLYWASHER 8	*	1	X	
15	WASHER-PLAIN	*	1	X	
16	SCREW-MACHINE	*	5	X	

O: Service available X: Service not available

**5-8 Pick-Up Assembly Exploded view**

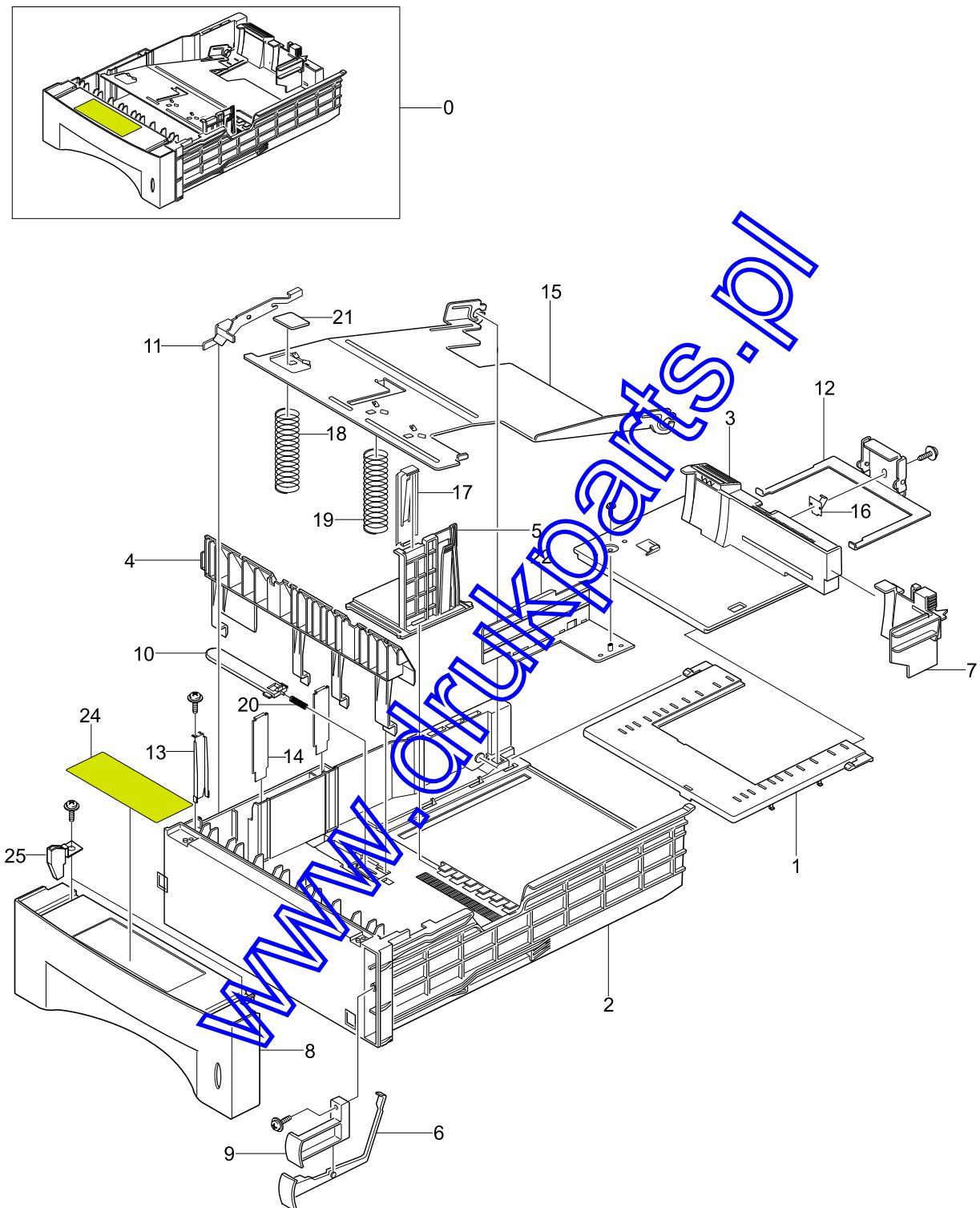
## &lt; Pick-Up Assembly Parts List &gt;

SA. : Service Available

NO	DESCRIPTION	SEC CODE	Q'TY	SA	REMARK
0	MEA UNIT-FEEDER	JC97-01324A	1	O	
1	SCREW-TAPTITE	*	1	X	
2	WASHER-PLAIN	*	4	X	
3	SPRING-FEED(1)	*	1	X	
4	SPRING-FEED(2)	*	1	X	
5	BEARING-PICK UP	*	4	X	
6	GEAR-P/UP DRIVE	*	1	X	
7	GEAR-FEED	*	1	X	
8	GEAR-PICK UP(12)	*	1	X	
9	IPR-SHAFT FEED	*	1	X	
10	IPR-SHAFT FEED IDLER	*	3	X	
11	IPR-SHAFT PICK UP	*		X	
12	GROUND_FEED	*	1	X	
13	IPR-GUIDE_FEED	*	1	X	
14	PMO-HOUSING P/UP	*	1	X	
15	PMO-ROLLER FEED L	*	2	X	
16	PMO-ROLLER FEED S	*	1	X	
17	PMO-SUB HOLDER FEED	*	1	X	
18	PMO-FRAME_FEED	*	1	X	
19	PMO-HOLDER FEED(1)	*	1	X	
20	PMO-HOLDER FEED(2)	*	1	X	
21	PMO-IDLE PICK_UP	*	1	X	
22	PMO-ROLL_FEED, DRV 12	*	1	X	
23	RMO-RUBBER PICK_UP	*	1	X	
24	RMO-LEVER PICK_UP	*	1	X	
25	SPRING PICK UP(12)	*	1	X	
26	RING-CS	*	1	X	

O: Service available X: Service not available

## 5-9 Cassette Unit Exploded view



## &lt; Cassette Unit Parts List &gt;

SA. : Service Available

NO	DESCRIPTION	SEC CODE	Q'TY	SA	REMARK
0	MEA UNIT FEEDER CST (500)	JC97-01323D	1	O	500 Sheets
1	PMO-COVER GUIDE EXT	*	1	X	
2	PMO-FRAME CASSETTE	*	1	X	
3	PMO-GUIDE EXT CST	*	1	X	
4	PMO-GUIDE PAPER	*	1	X	
5	PMO-GUIDE SIDE CST	*	1	X	
6	PMO-INDICATOR EMPTY	*	1	X	
7	PMO-SIDE GUIDE EXT	*	1	X	
8	PMO-SUB GUIDE CAST	*	1	X	
9	PMO-HOLDER_INDICATOR	*	1	X	
10	PMO-LOCKER PLATE	*		X	
11	IPR-FINGER	*		X	
12	IPR-GUIDE EXT LOCK	*		X	
13	IPR-GUIDE PAPER SCF	*	1	X	
14	IPR-GUIDE PLT PAPER	*	2	X	
15	IPR-PLATE KNOCK UP	*	1	X	
16	IPR-PLATE SPR LOCK	*	1	X	
17	IPR-SPR PLT G/SIDE	*	1	X	
18	SPRING PLATE K/UP 1	*	1	X	
19	SPRING PLATE K/UP 2	*	1	X	
20	SPRING LOCKER,PLATE	*	1	X	
21	RPR-PAD CST	*	1	X	
22	PMO GUIDE PAPER SIZE	*	1	X	
23	SCREW TAPTITE M3 x 10 NI	*	7	X	
24	LABEL(R)-CASSETTE	*	1	X	
25	GUIDE PAPER DUMMY	*	1	X	

O: Service available X: Service not available